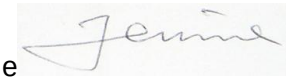
FCC
MEASUREMENT AND TEST REPORT
For
ZTE Corporation

ZTE Plaza, Hi-tech Park, Nanshan District, Shenzhen,
Guangdong, China 518057

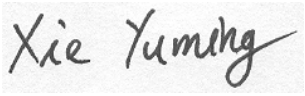
FCC ID: Q78-R8984ES5100

This Report Concerns: ☒ Original Report	**Equipment Type:** OFDM MIMO Access Point

Test Engineer: Jennie.He 

Report No: RF20151273RP

Test Date: Apr 10 –May 8, 2016

Reviewed By: 

Prepared By: ZTE Corporation.

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Note: The test report is specially limited to the above company and this particular sample only. It may not be duplicated without prior written consent of ZTE Corporation. This report must not be used by the client to claim product certification 、approval 、or endorsement by any agency of the US Government.

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1 GENERAL INFORMATION

Product Description for Equipment Under Test (EUT)

The ZTE Corporation's product, model number: ZXSDR R8984E S5100 or the "EUT" as referred to in this report is a OFDM MIMO Access Point.

Technical specification:
Total Weight: 19kg
Volume: 19L
Dimensions (H*W*D): 425 mm x300 mm x 150 mm
Input voltage: -48VDC (-57VDC to -37VDC)
Frequency range: 5150MHz~5250 MHz
Carrier and bandwidth: 1carrier, 20MHz; 4carriers, 20+20+20+20MHz
Max RF output power: 160mW one port
Modulation type of emission: OFDM MIMO Access Point
Appearance of EUT:

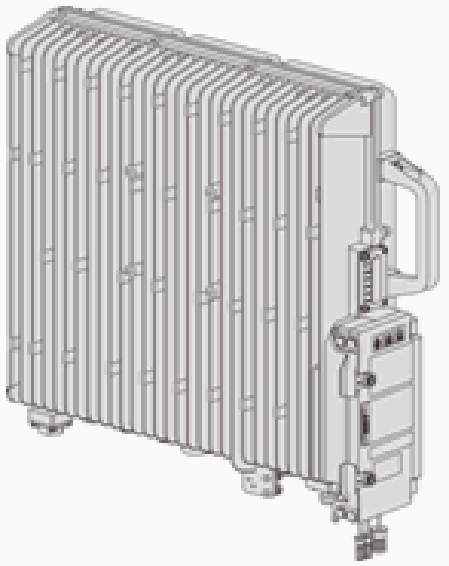


Figure 1 External View of the ZXSDR R8984E S5100

Objective

This Type approval report is prepared on behalf of ZTE Corporation in accordance with Part 2、Part 15of the Federal Communication Commission rules.

Related Submittal(s)/GrPort(s)

No related submittal(s).

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the Code of federal Regulations Title 47 Part 2. as well as the following parts:
Part 24 Wireless Communication Services
Applicable Standards: TIA EIA 137-A, TIA EIA 97-D, TIA/EIA 603-C, Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.
All radiated and conducted measurement was performed at ZTE Corporation Reliability Testing Center. The radiated testing was performed at an Portenna-to-EUT distance of 3 meters.

Test Facility

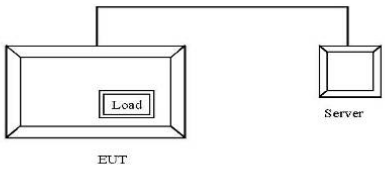
The Test site used by ZTE Corporation to collect test data is located in the 1/F,B2 Wing, ZTE Plaza, Keji Road South, Shenzhen, Guangdong, 518057, P.R.China, Tel: +86-755-26771609,Fax: +86-755-26770347. Test site at ZTE Corporation has been fully described in reports submitted to the Federal Communication Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2009.
The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 373926. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

2 SYSTEM TEST CONFIGURATION

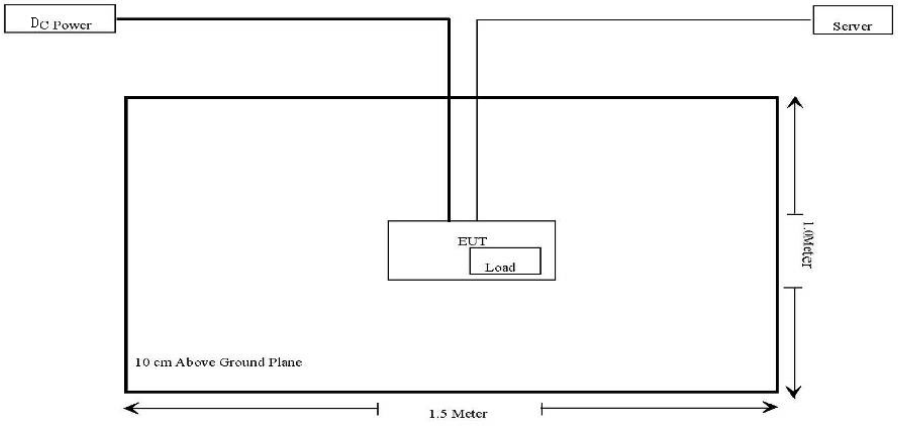
Description of Test Configuration

Justification
The EUT was configured for testing according to TIA/EIA-603C.
The final qualification test was performed with EUT operating at normal mode.
Equipment Modifications
ZTE Corporation has not done any modification on the EUT.

Configuration of Test Setup



Block Diagram of Test Setup



3 SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§2.1049	Occupied Bandwidth	Compliance
§15.407(a)	RF power output	Compliance
§15.407(a)	Power Spectral denisty	Compliance
§15.407(b)	Spurious emissions	Compliance
§15.407(g)	Frequency stability	Compliance

4 OCCUPIED BANDWIDTH

Applicable Standard: FCC §2.1049

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	MXA Series Spectrum Analyzer	N9020A	MY51240300	2015.12.10	2016.12.10
Grentech	10dB Attenuator	SGR-SJQ-10	09112005	2015.06.13	2016.06.13

*__statement of traceability:__ ZTE Corporation Reliability Testing Center attests that all calibration has been performed per the NVLAP requirements, traceable to NIST.

Test Procedure

The RF out of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation. 99%Power bandwidth was recorded.

Environmental Conditions

Temperature:	20 ° C
Relative Humidity:	53%
ATM Pressure:	1009mbar

Test Result: Pass

Test Mode: Transmitting OFDM MIMO Access Point

Test Data

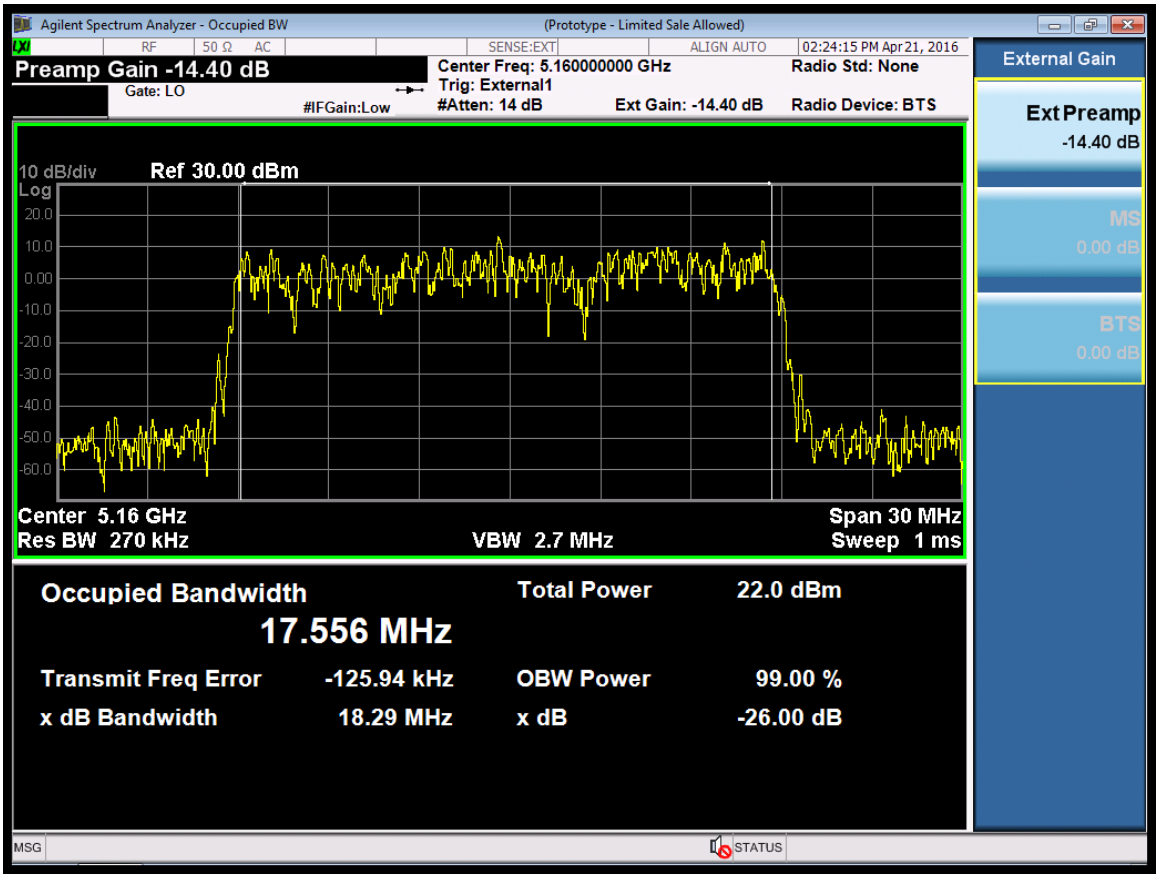
Channel Bandwidth: 20M

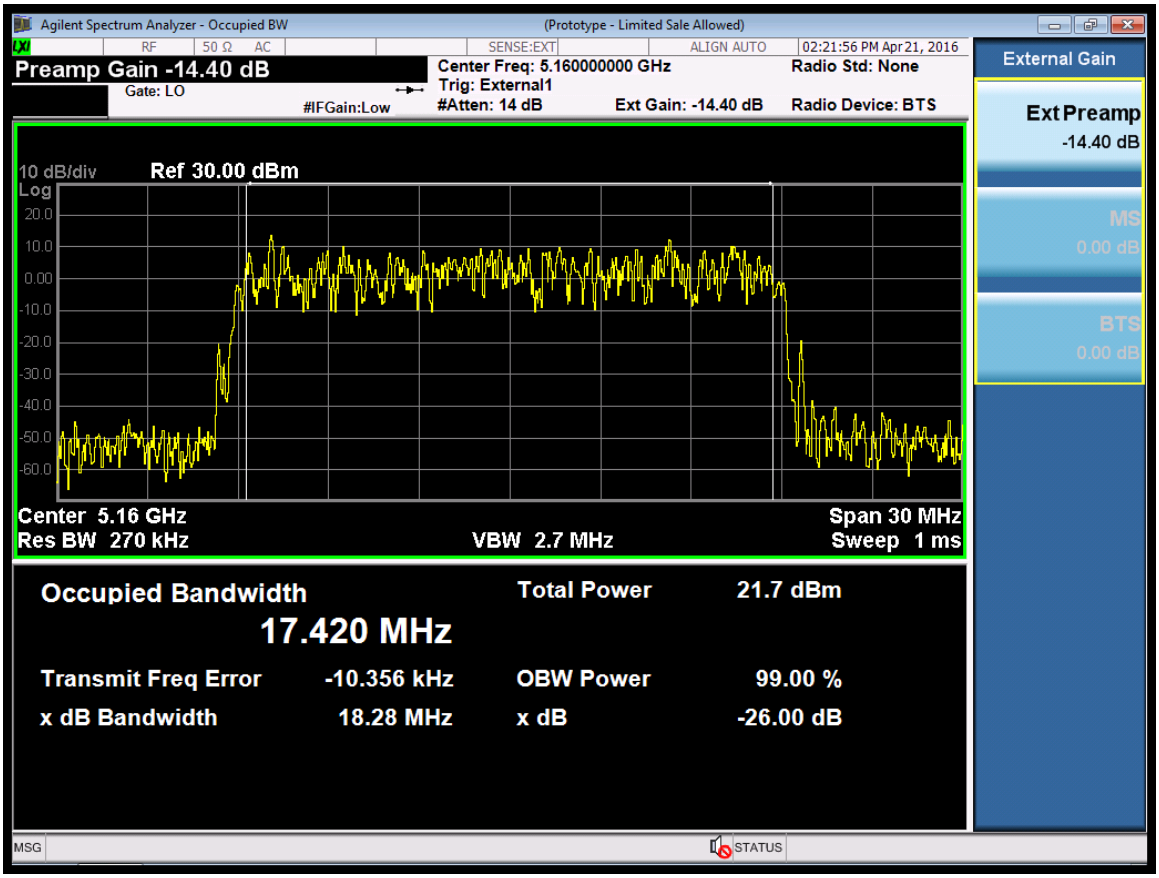
Port	Carrier Freq. (MHz)	Occupied Bandwidth(MHz)		
		QPSK	16QAM	64QAM
0	5160	17.556	17.42	17.781
1		17.555	17.402	17.775
2		17.556	17.414	17.777
3		17.561	17.418	17.781
0	5200	17.566	17.404	17.785
1		17.563	17.419	17.788
2		17.566	17.410	17.786
3		17.568	17.403	17.787
0	5240	17.561	17.417	17.781
1		17.559	17.394	17.78
2		17.554	17.386	17.773
3		17.565	17.42	17.785

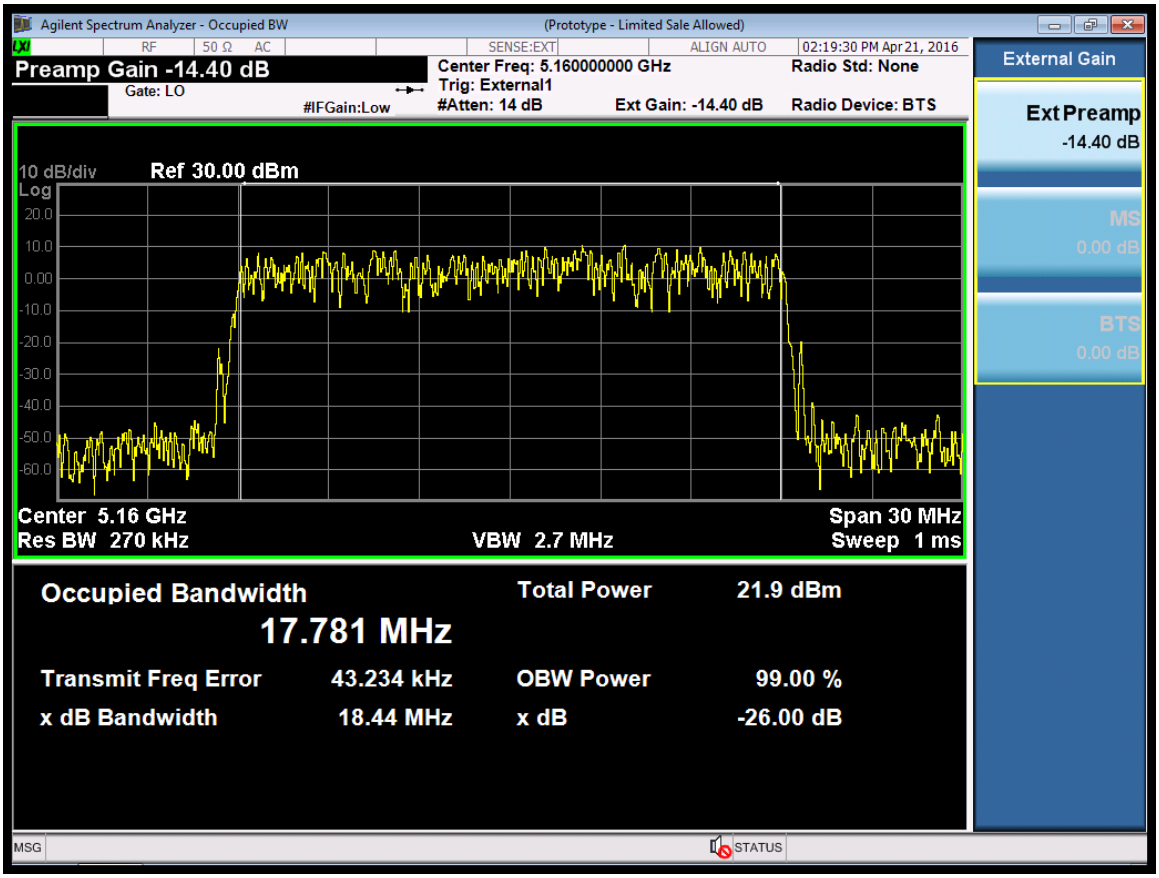
Channel Bandwidth: 20+20+20+20M

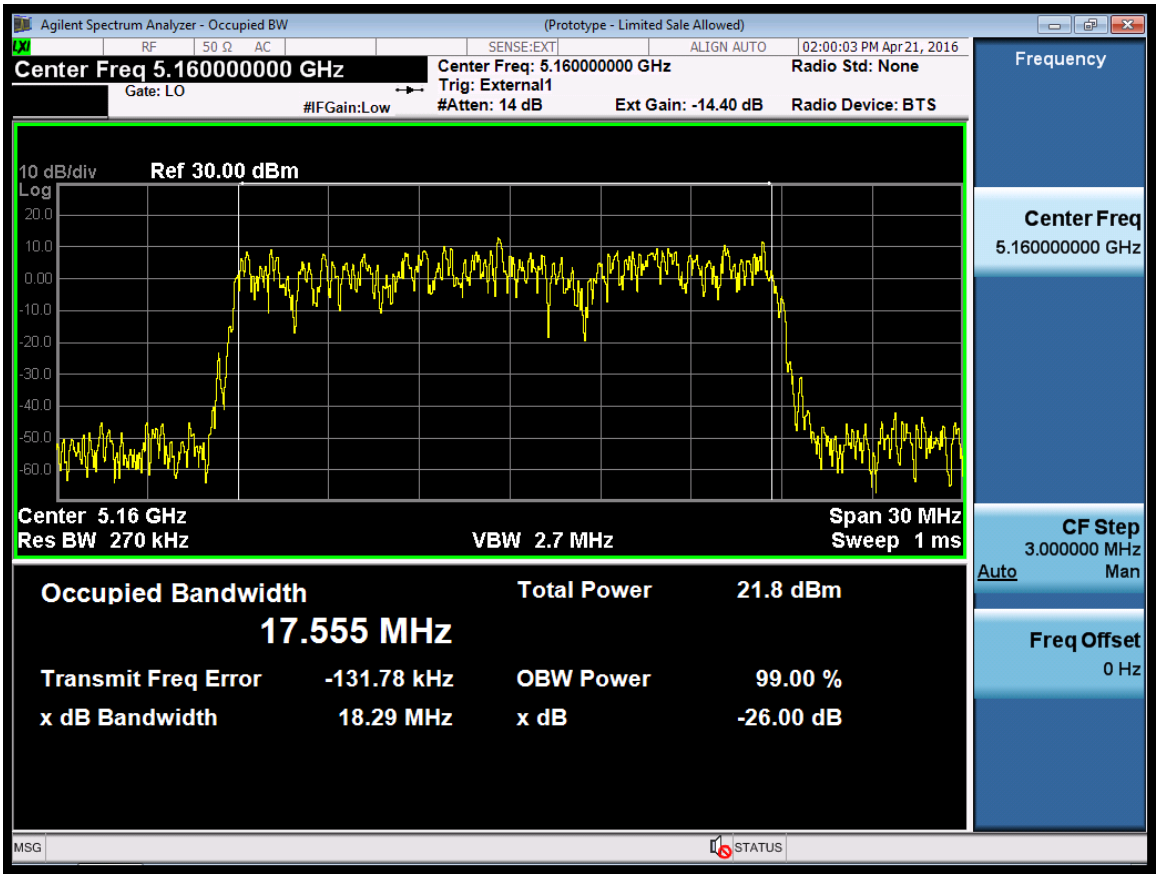
Port	Carrier Freq. (MHz)	Occupied Bandwidth(MHz)		
		QPSK	16QAM	64QAM
0	5160+5180+5200+5220	76.908	77.015	77.201
1		76.897	76.968	77.197
2		76.913	76.954	77.190
3		76.939	77.026	77.221
0	5170+5190+5210+5230	76.927	77.043	77.227
1		76.939	77.050	77.221
2		76.926	77.047	77.224
3		76.925	77.030	77.218
0	5180+5200+5220+5240	76.937	77.046	77.222
1		76.934	77.048	77.229
2		76.936	77.056	77.234
3		76.932	77.054	77.228
0	5160+5180+5220+5240	77.081	76.578	76.675
1		77.074	76.574	76.672
2		77.055	76.57	76.686

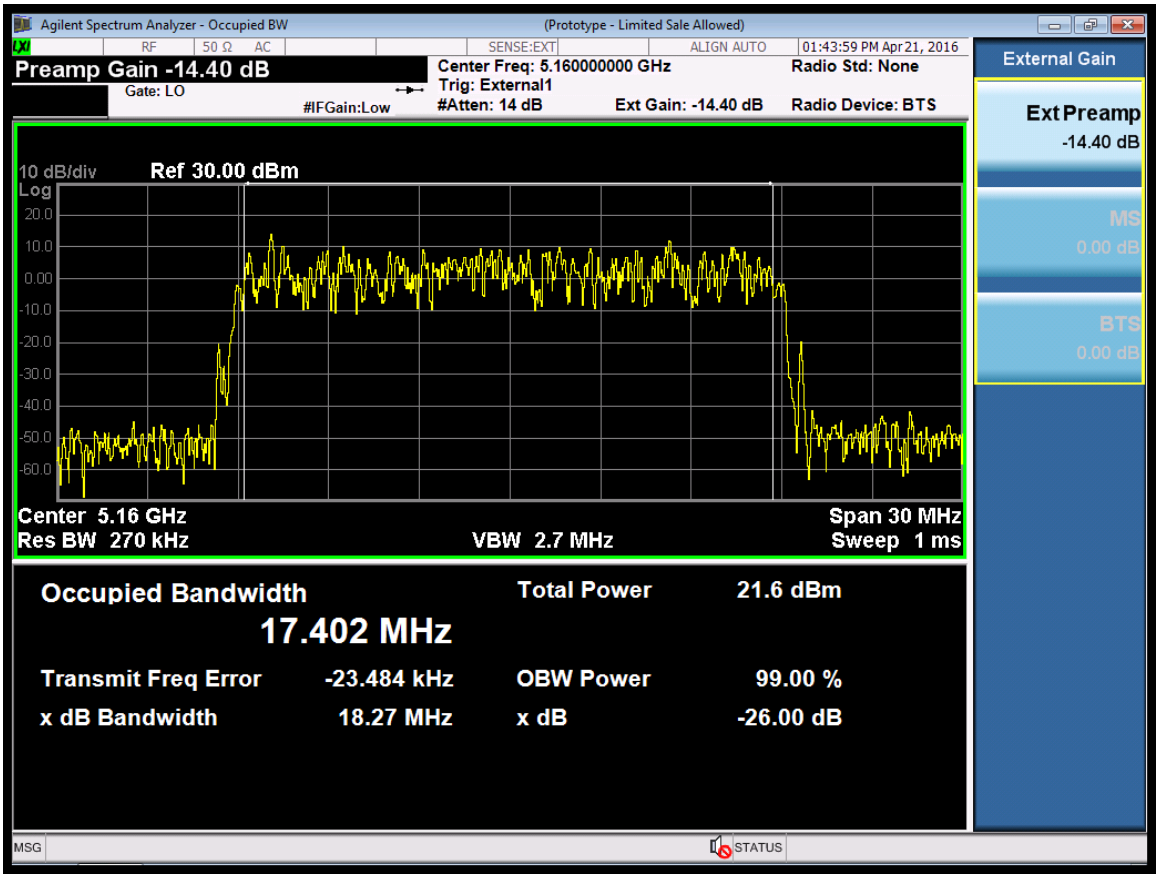
Port	Carrier Freq. (MHz)	Occupied Bandwidth(MHz)		
		QPSK	16QAM	64QAM
3		77.061	76.557	76.629

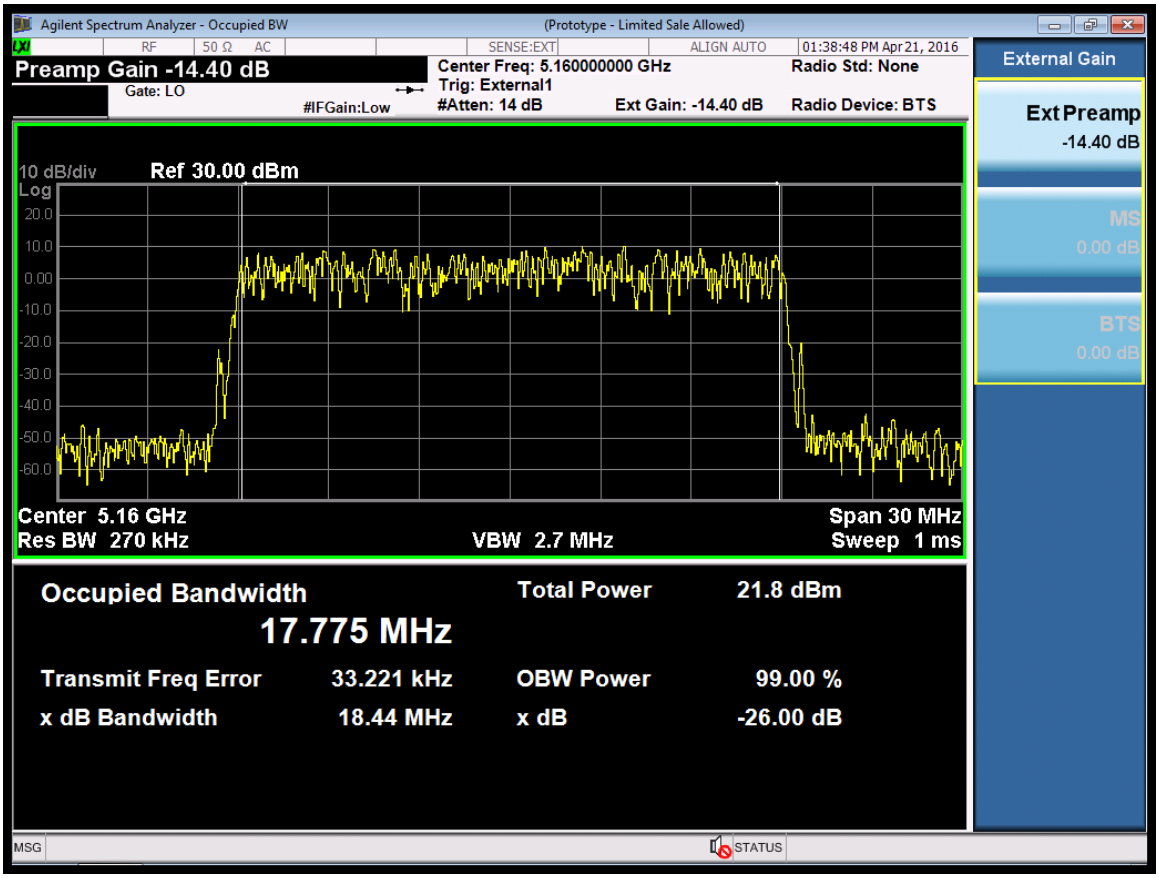



Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:21:56 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.420 MHz
Total Power
21.7 dBm
Transmit Freq Error
-10.356 kHz
OBW Power
99.00 %
x dB Bandwidth
18.28 MHz
x dB
-26.00 dB
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:19:30 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.781 MHz
Total Power
21.9 dBm
Transmit Freq Error
43.234 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:00:03 PM Apr 21, 2016
Center Freq 5.160000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.555 MHz
Total Power 21.8 dBm
Transmit Freq Error -131.78 kHz
OBW Power 99.00 %
x dB Bandwidth 18.29 MHz
x dB -26.00 dB
Center Freq
5.160000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:43:59 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.402 MHz
Total Power
21.6 dBm
Transmit Freq Error
-23.484 kHz
OBW Power
99.00 %
x dB Bandwidth
18.27 MHz
x dB
-26.00 dB
MSG
STATUS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(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
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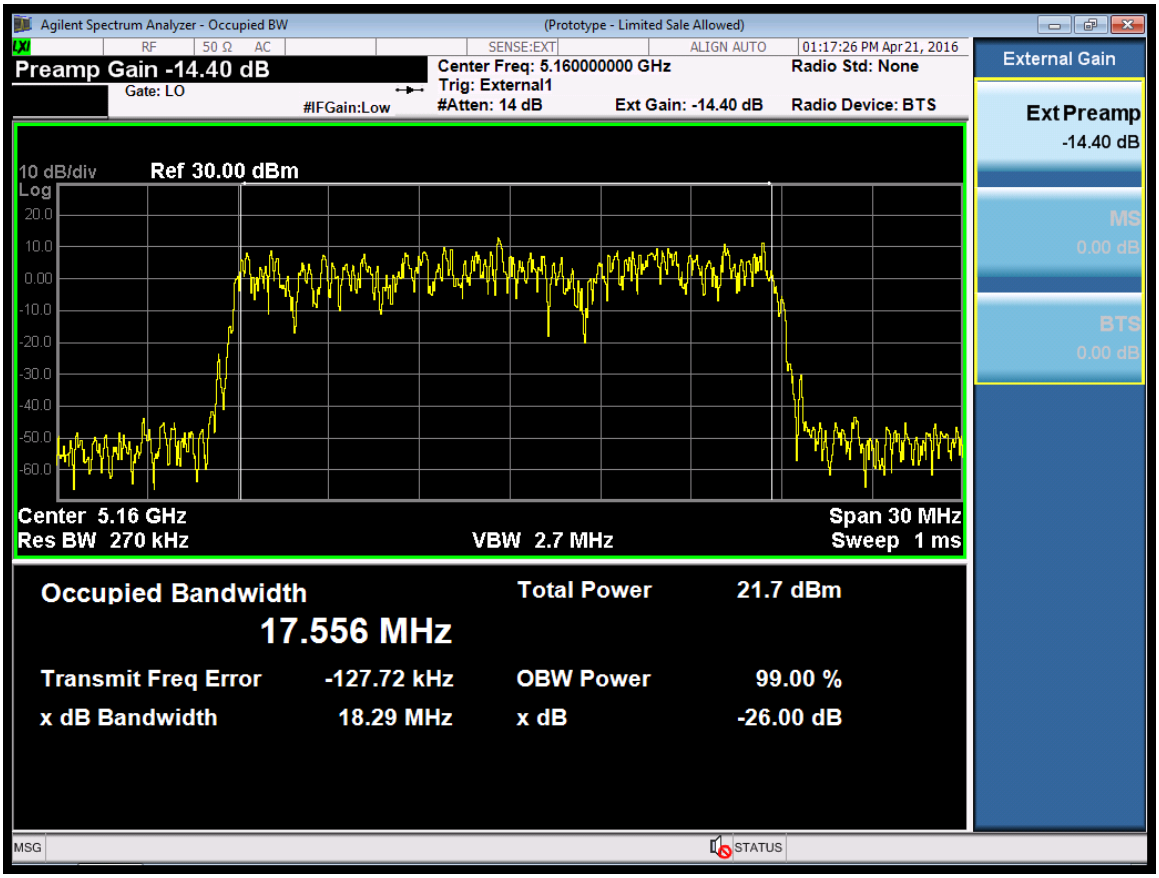
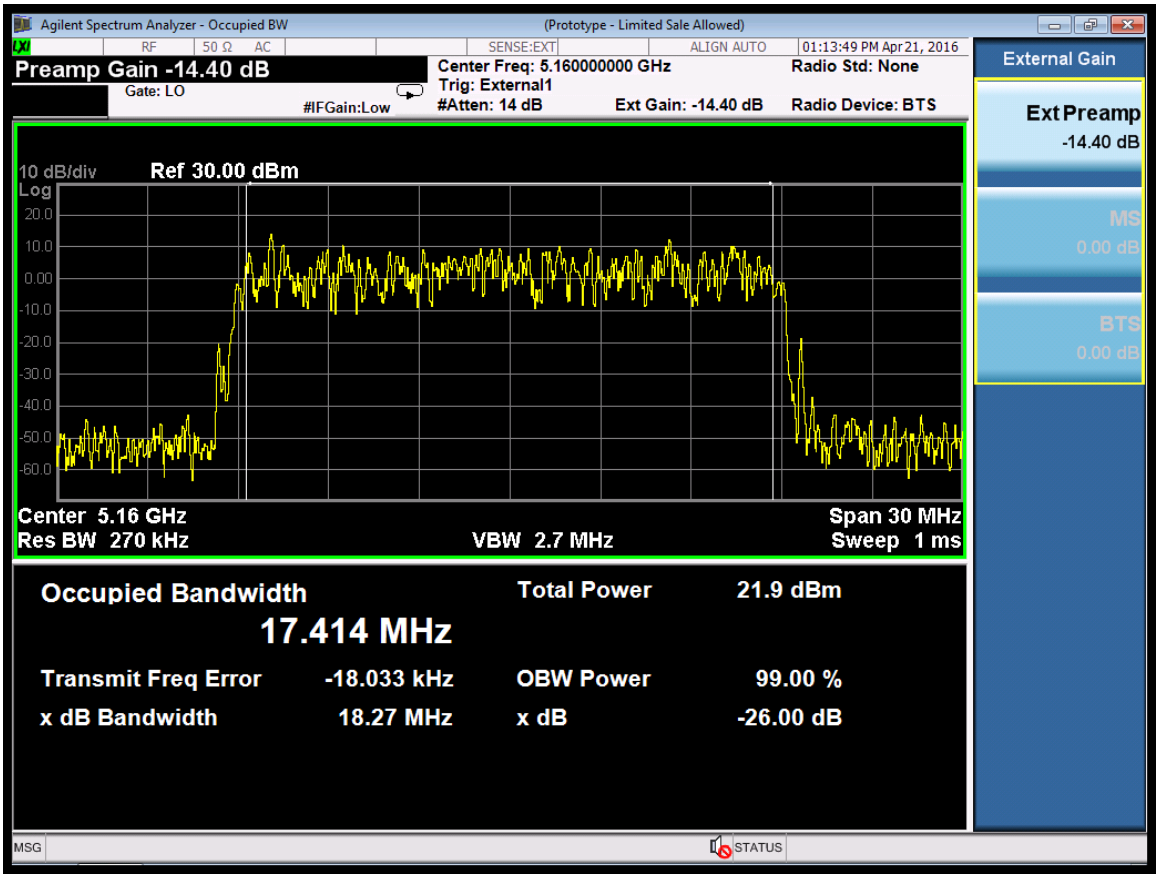
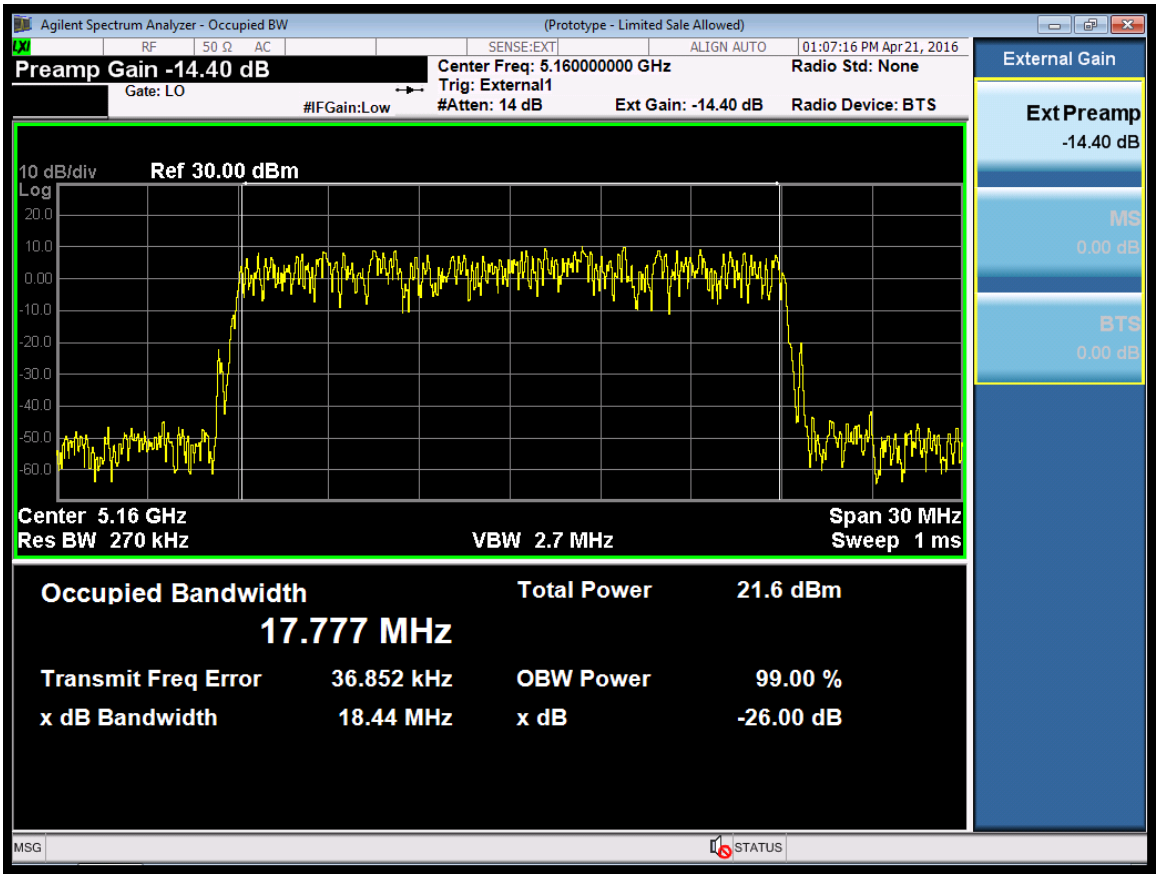
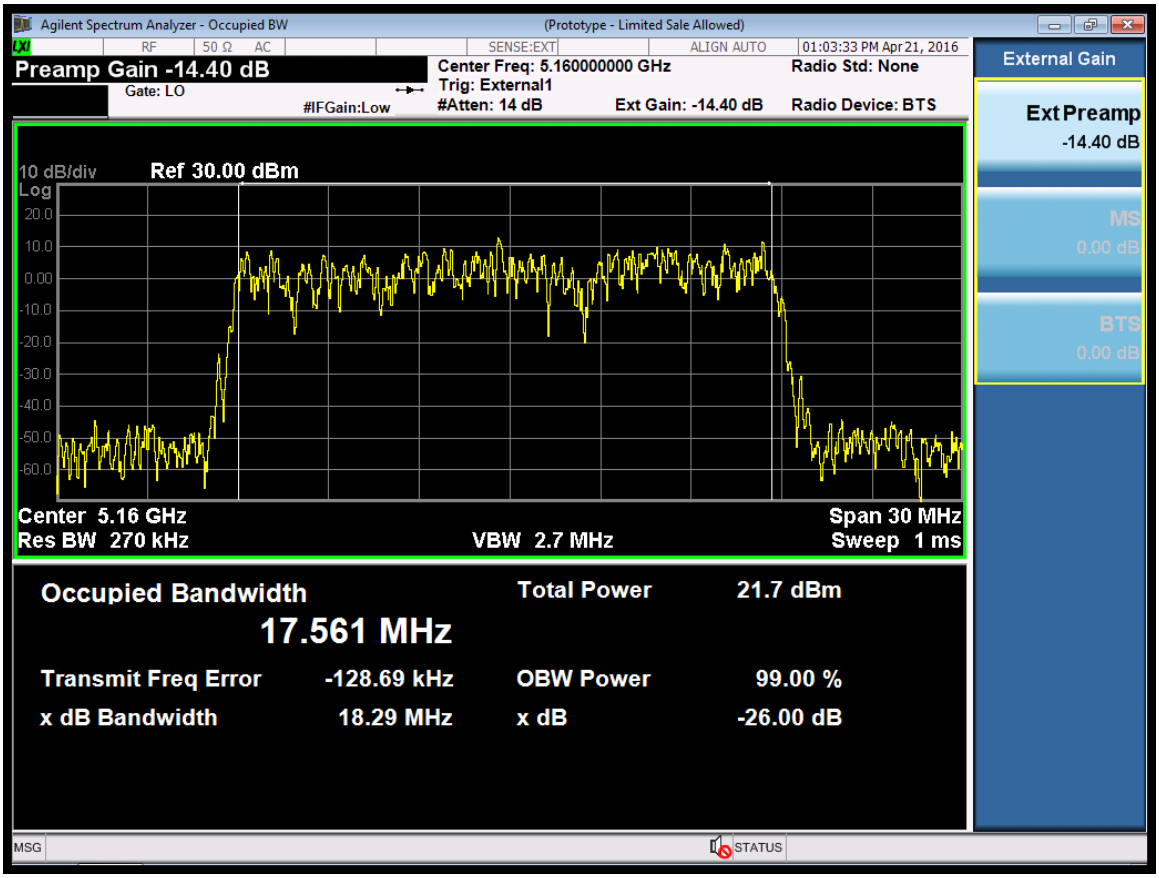
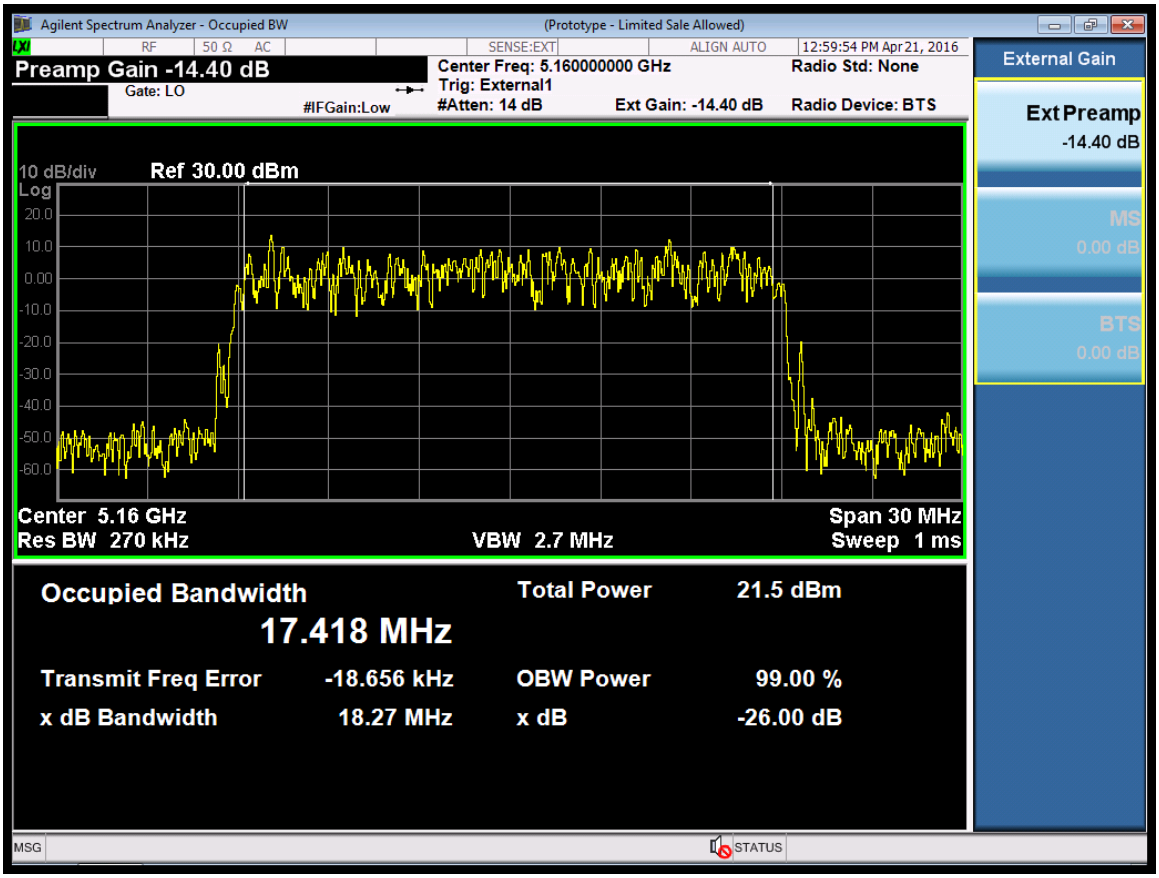
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.775 MHz
Total Power
21.8 dBm
Transmit Freq Error
33.221 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS

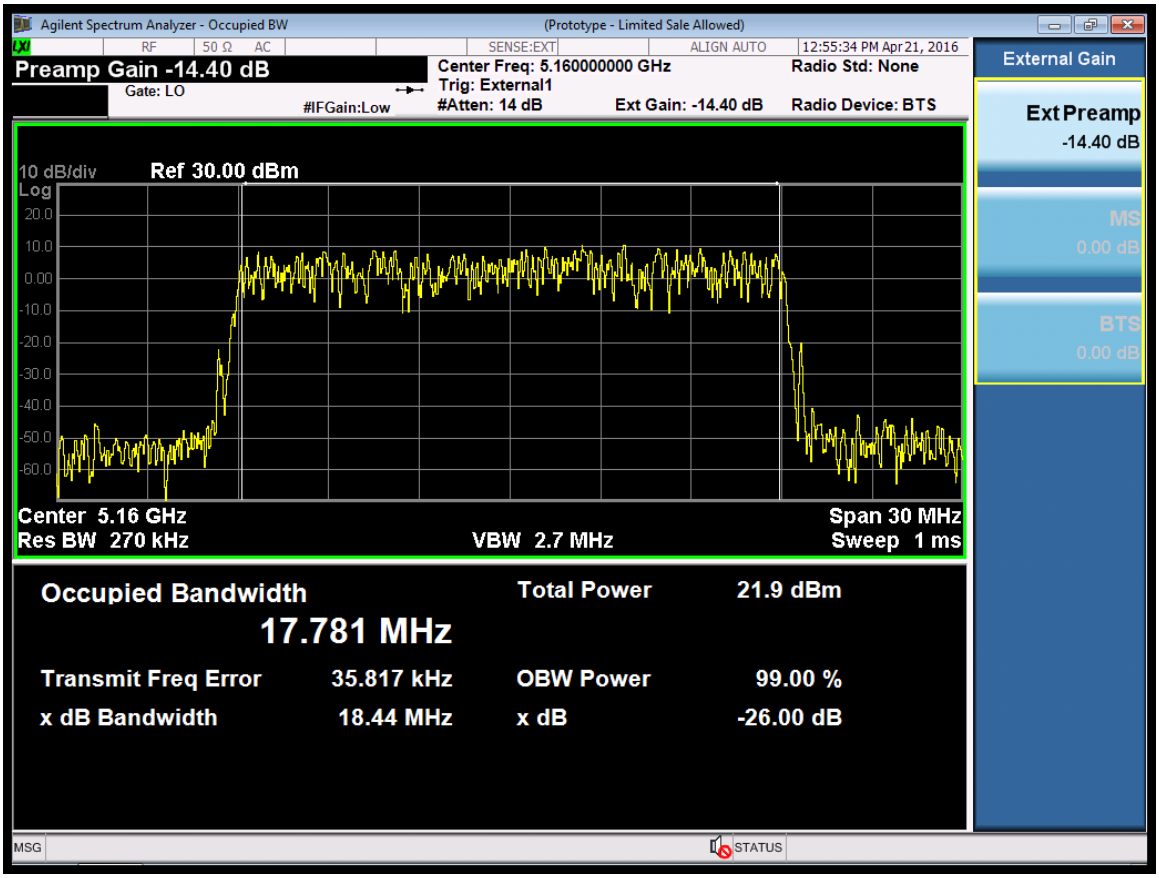

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:17:26 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.556 MHz
Total Power
21.7 dBm
Transmit Freq Error
-127.72 kHz
OBW Power
99.00 %
x dB Bandwidth
18.29 MHz
x dB
-26.00 dB
MSG
STATUS

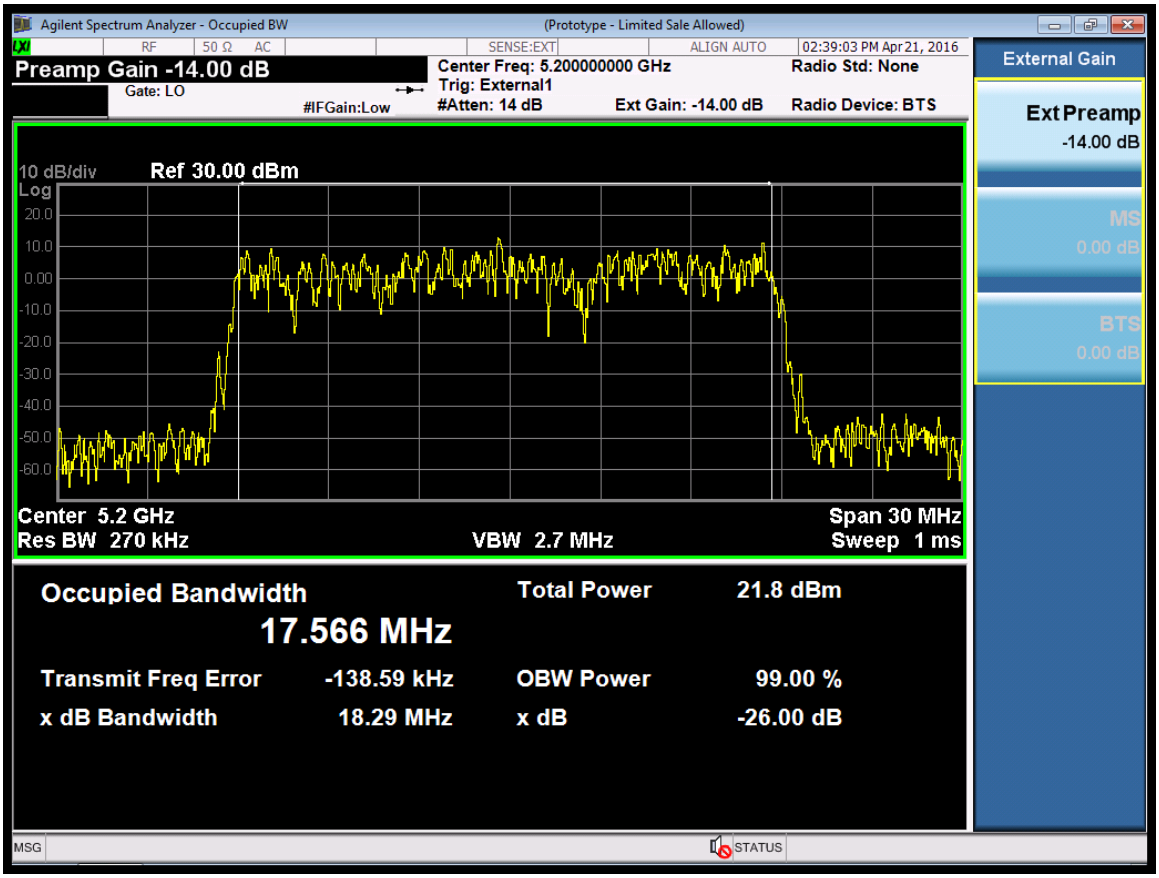

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:13:49 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.414 MHz
Total Power
21.9 dBm
Transmit Freq Error
-18.033 kHz
OBW Power
99.00 %
x dB Bandwidth
18.27 MHz
x dB
-26.00 dB
MSG
STATUS

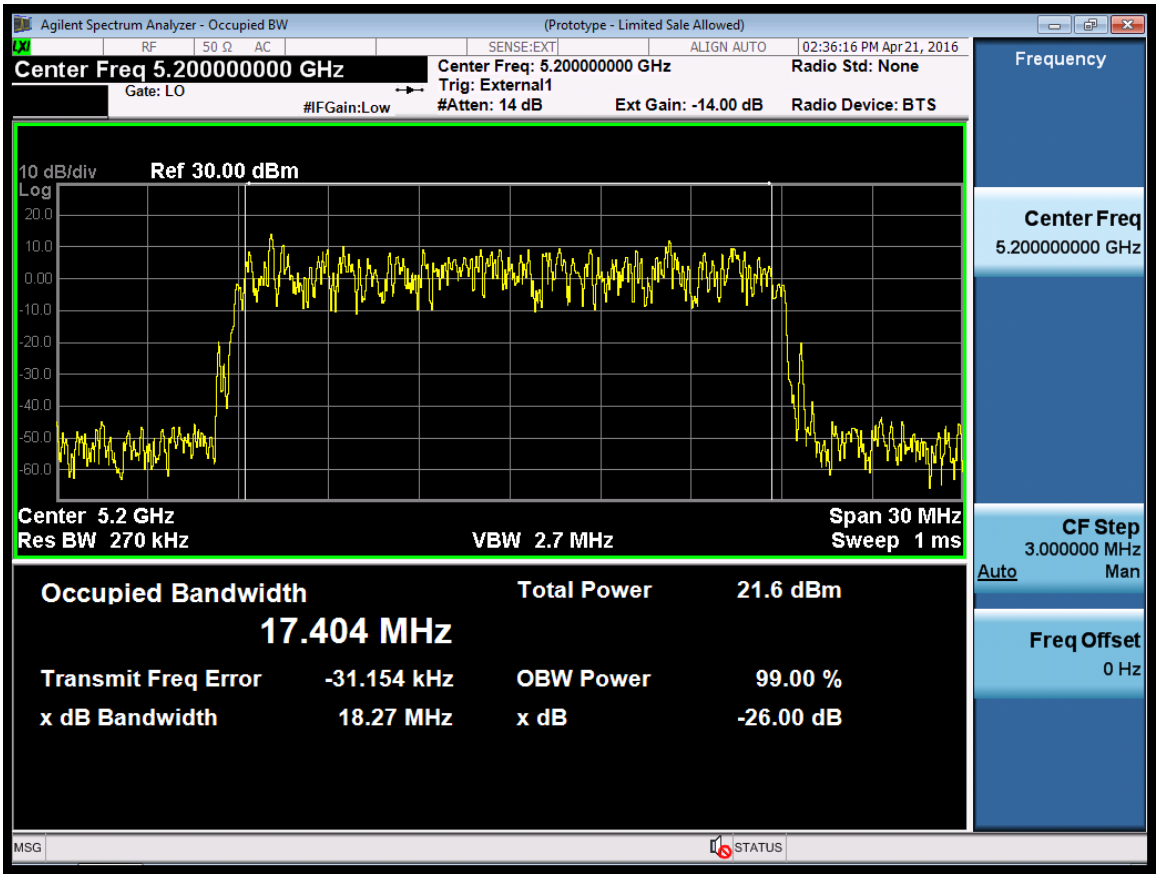

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:07:16 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.777 MHz
Total Power
21.6 dBm
Transmit Freq Error
36.852 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS

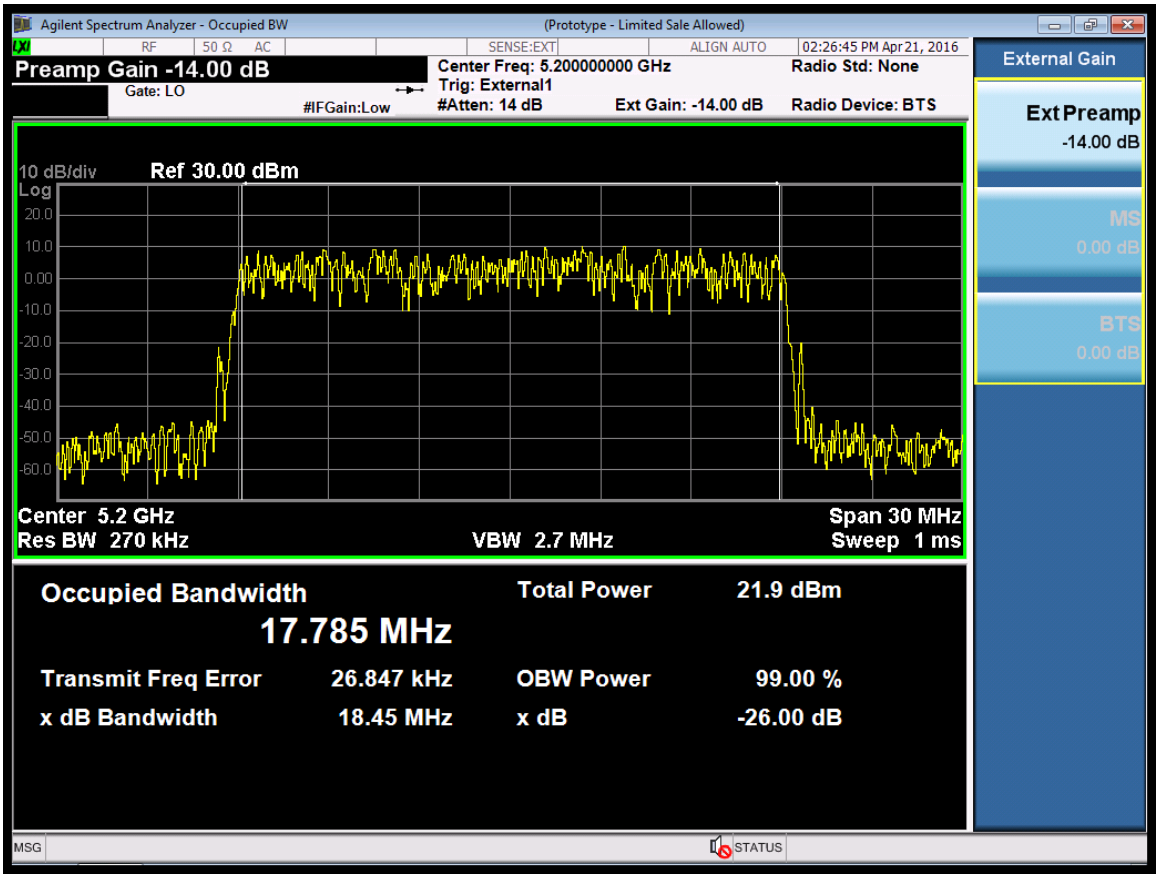

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:03:33 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.561 MHz
Total Power
21.7 dBm
Transmit Freq Error
-128.69 kHz
OBW Power
99.00 %
x dB Bandwidth
18.29 MHz
x dB
-26.00 dB
MSG
STATUS

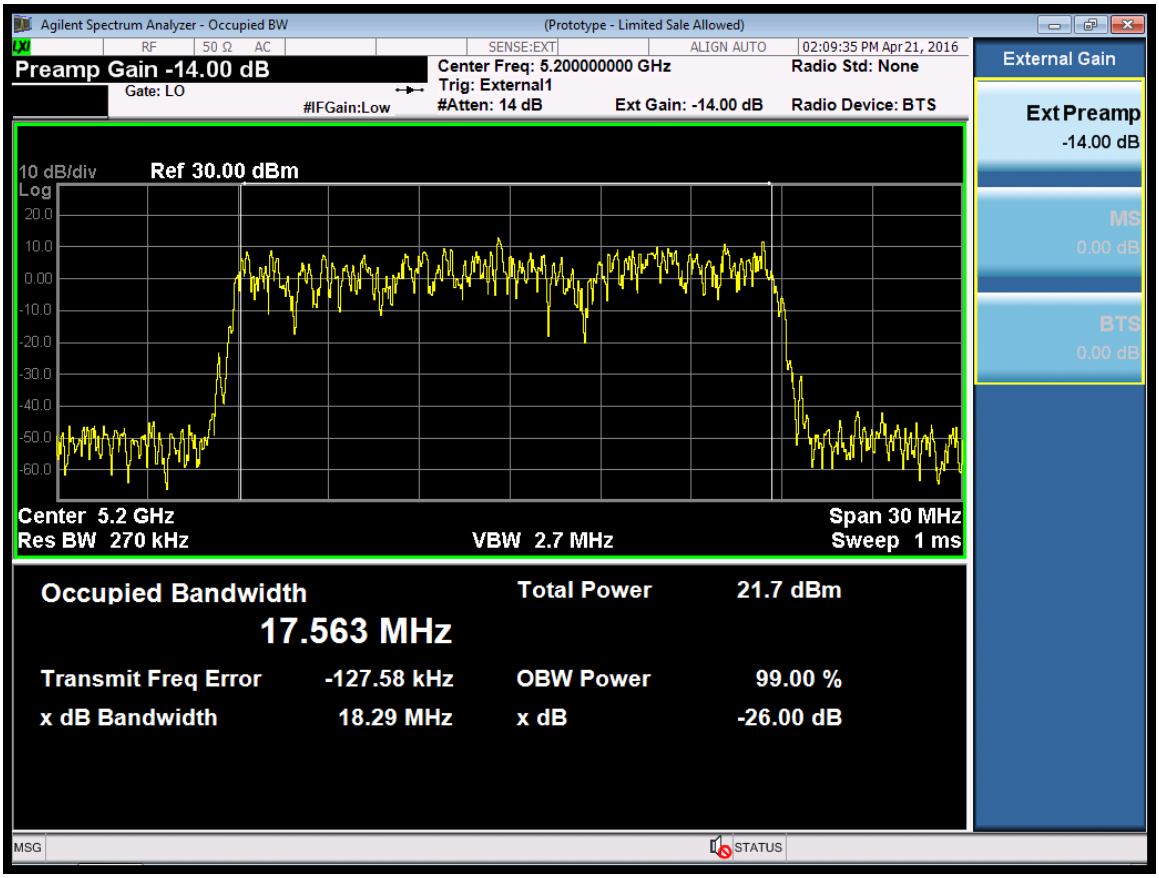

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:59:54 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.418 MHz
Total Power
21.5 dBm
Transmit Freq Error
-18.656 kHz
OBW Power
99.00 %
x dB Bandwidth
18.27 MHz
x dB
-26.00 dB
MSG
STATUS

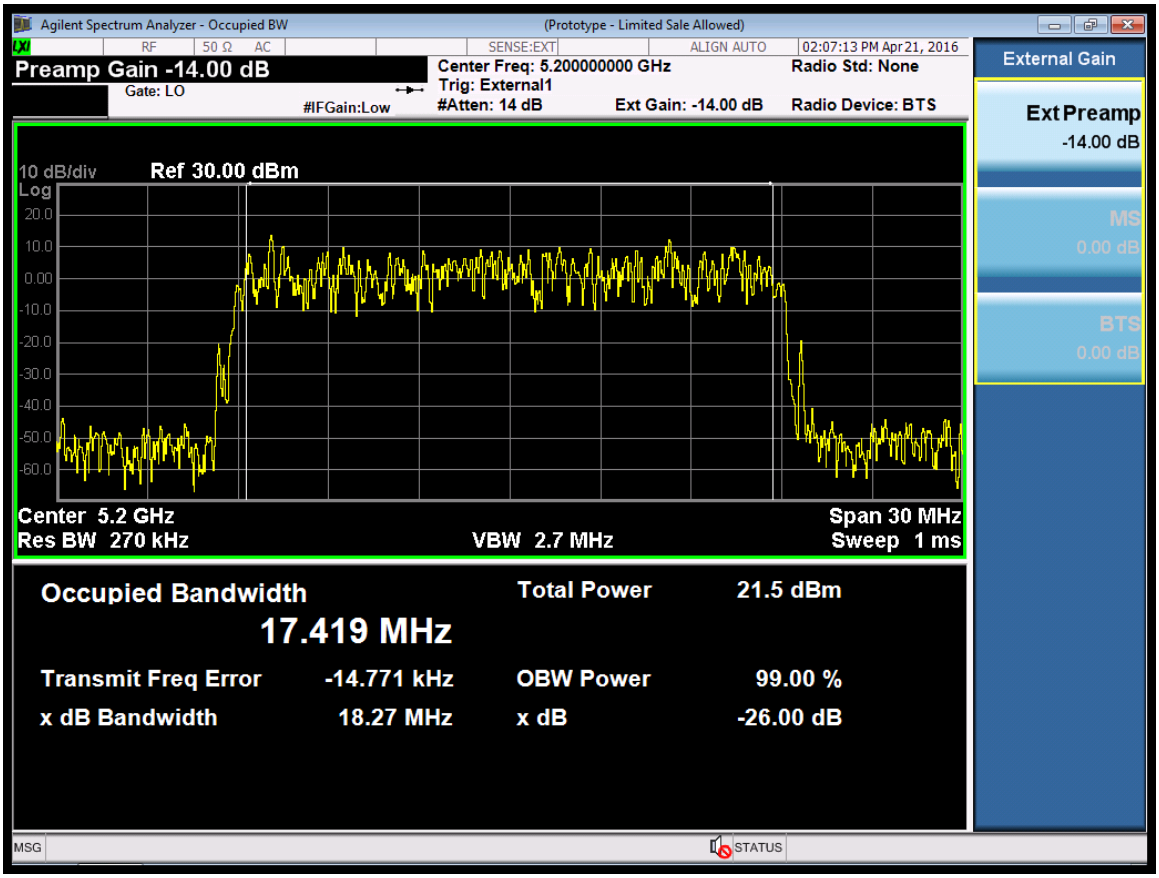

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:55:34 PM Apr 21, 2016
Preamp Gain -14.40 dB
Gate: LO
#IFGain:Low
Center Freq: 5.160000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.40 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.40 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.16 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.781 MHz
Total Power
21.9 dBm
Transmit Freq Error
35.817 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS

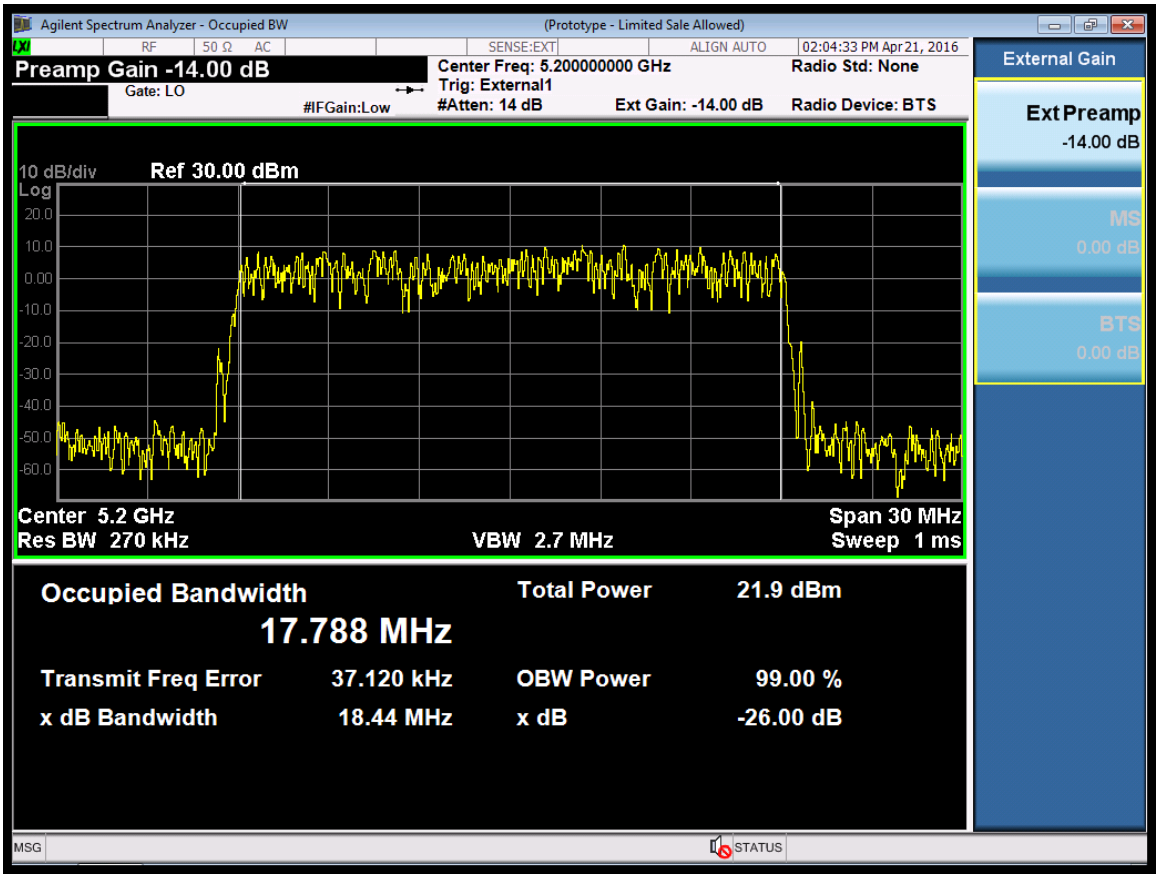

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:39:03 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.566 MHz
Total Power
21.8 dBm
Transmit Freq Error
-138.59 kHz
OBW Power
99.00 %
x dB Bandwidth
18.29 MHz
x dB
-26.00 dB
MSG
STATUS

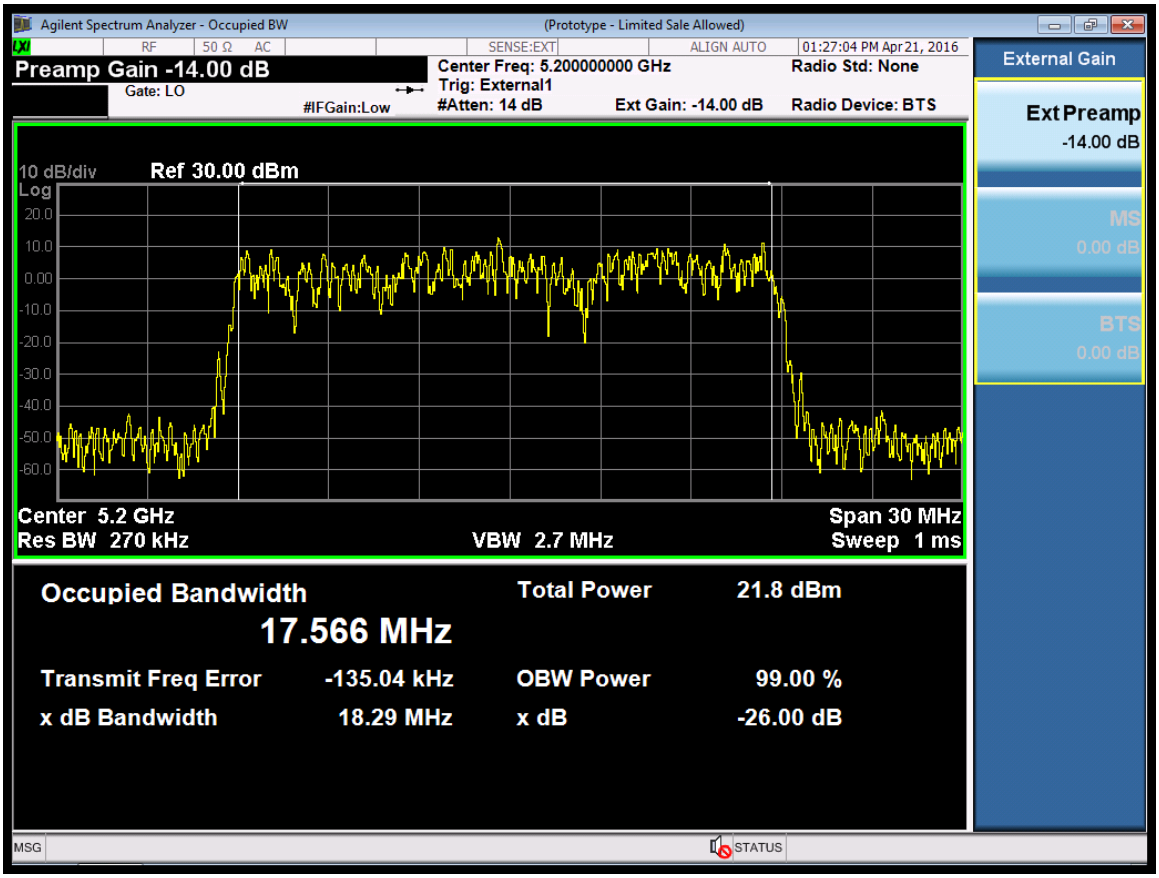

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:36:16 PM Apr 21, 2016
Center Freq 5.200000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.404 MHz
Total Power 21.6 dBm
Transmit Freq Error -31.154 kHz
OBW Power 99.00 %
x dB Bandwidth 18.27 MHz
x dB -26.00 dB
Center Freq
5.200000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

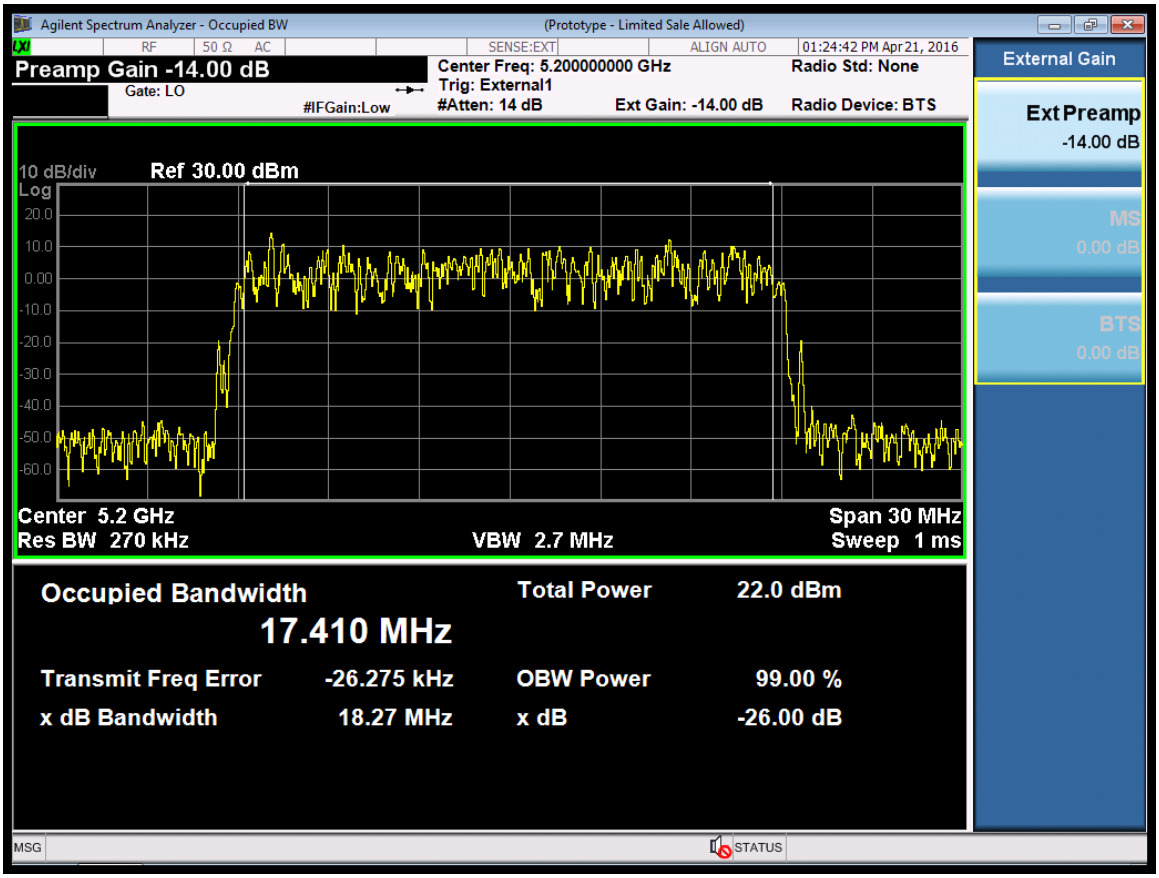

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:26:45 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.785 MHz
Total Power
21.9 dBm
Transmit Freq Error
26.847 kHz
OBW Power
99.00 %
x dB Bandwidth
18.45 MHz
x dB
-26.00 dB
MSG
STATUS

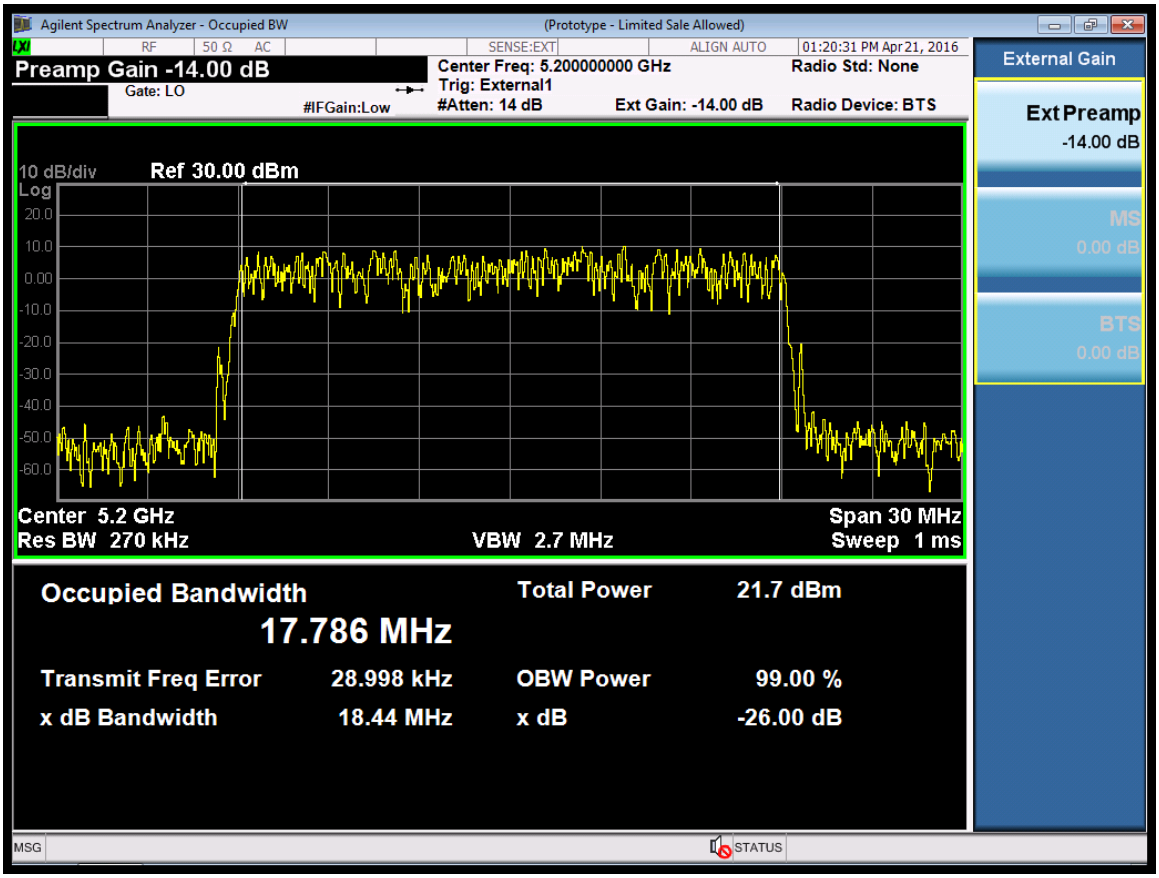

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:09:35 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.563 MHz
Total Power
21.7 dBm
Transmit Freq Error
-127.58 kHz
OBW Power
99.00 %
x dB Bandwidth
18.29 MHz
x dB
-26.00 dB
MSG
STATUS

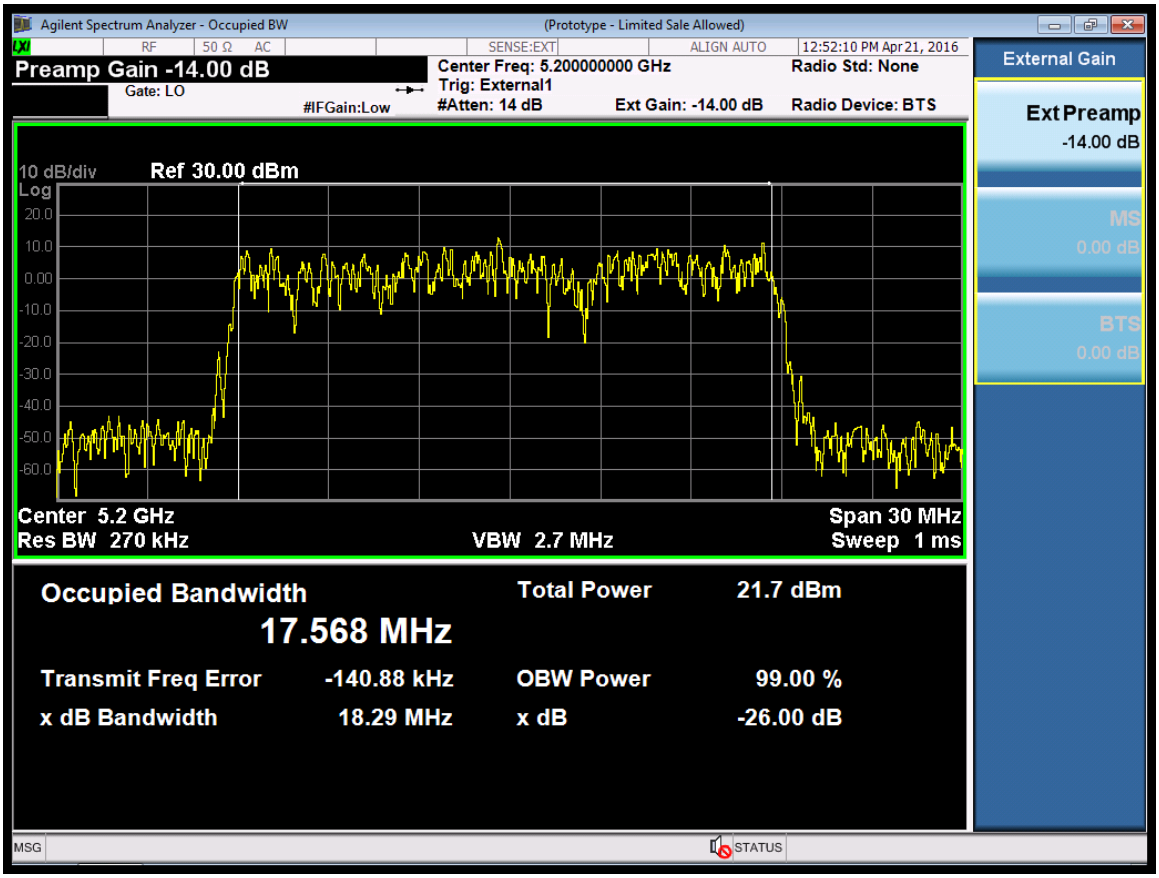

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:07:13 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.419 MHz
Total Power 21.5 dBm
Transmit Freq Error -14.771 kHz
OBW Power 99.00 %
x dB Bandwidth 18.27 MHz
x dB -26.00 dB
MSG
STATUS

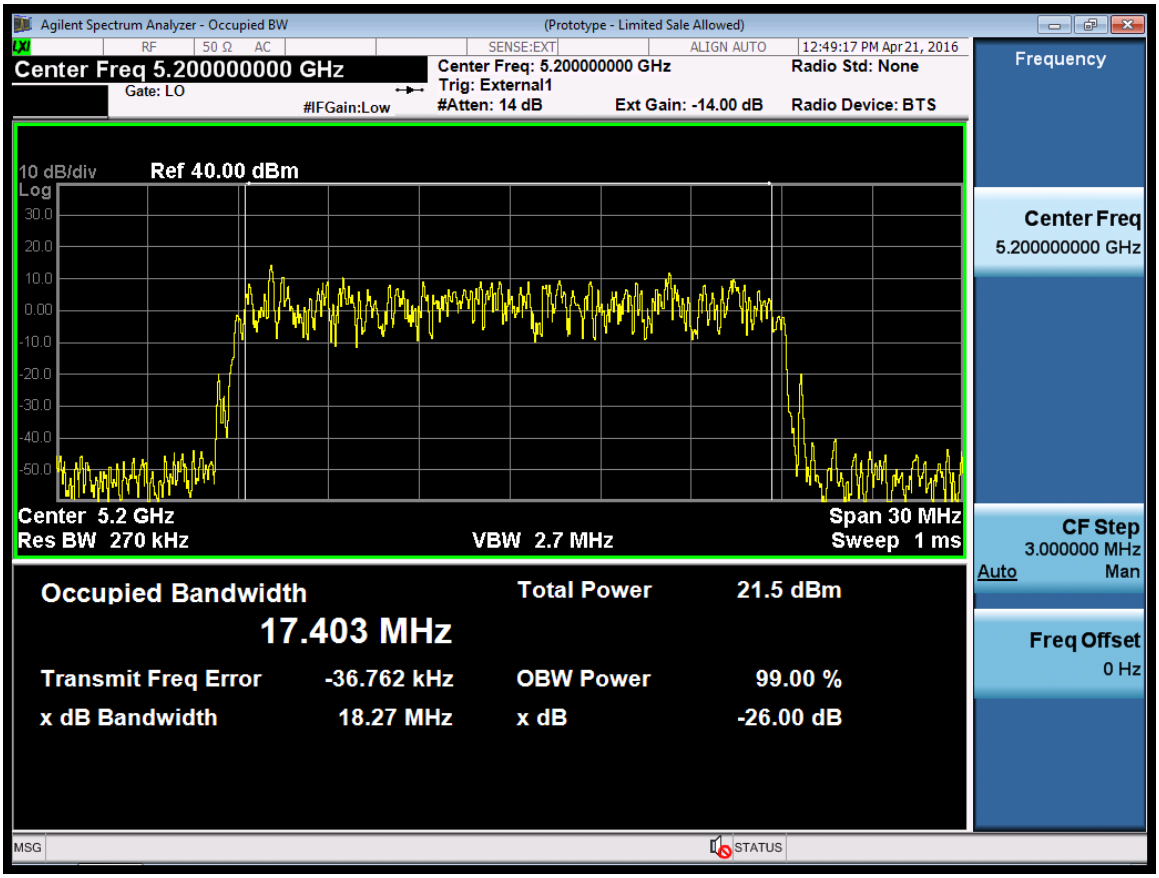

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:04:33 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.788 MHz
Total Power
21.9 dBm
Transmit Freq Error
37.120 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS

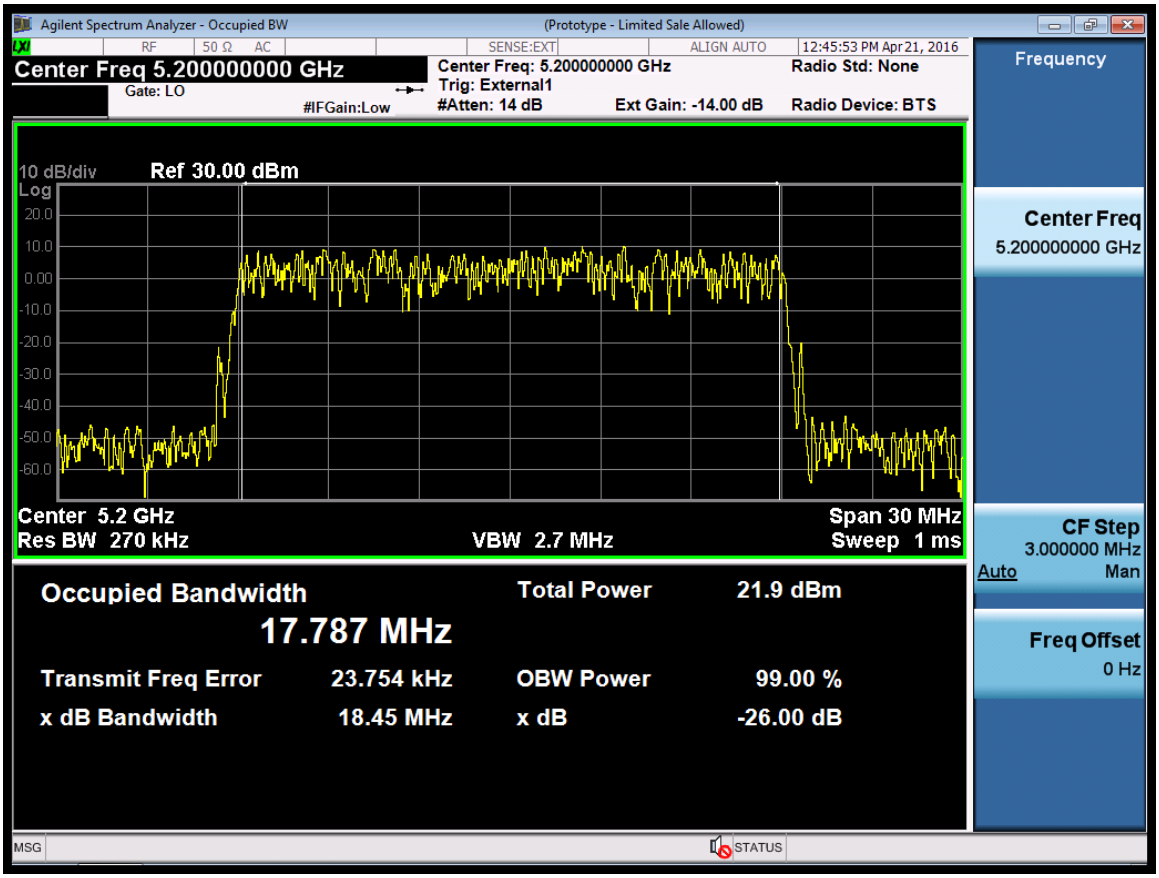

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:27:04 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.566 MHz
Total Power
21.8 dBm
Transmit Freq Error
-135.04 kHz
OBW Power
99.00 %
x dB Bandwidth
18.29 MHz
x dB
-26.00 dB
MSG
STATUS

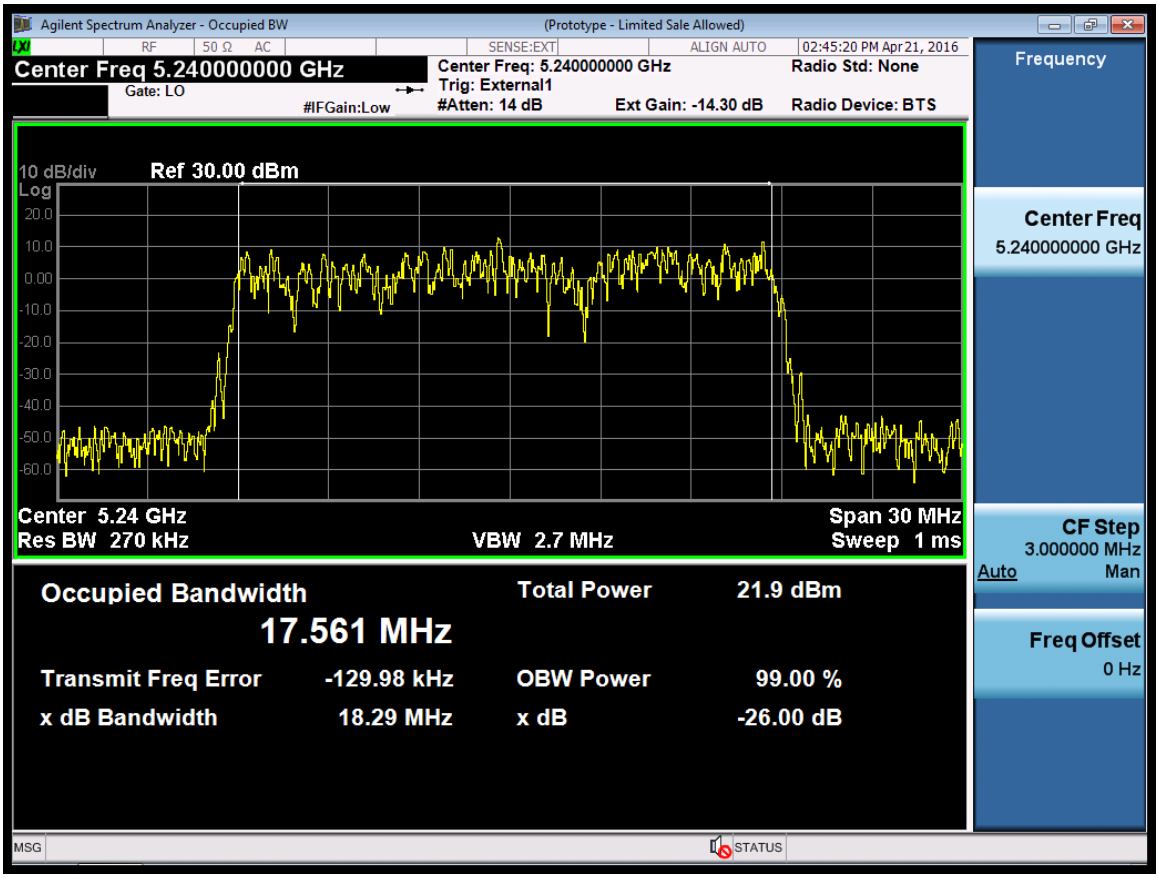

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:24:42 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.410 MHz
Total Power
22.0 dBm
Transmit Freq Error
-26.275 kHz
OBW Power
99.00 %
x dB Bandwidth
18.27 MHz
x dB
-26.00 dB
MSG
STATUS

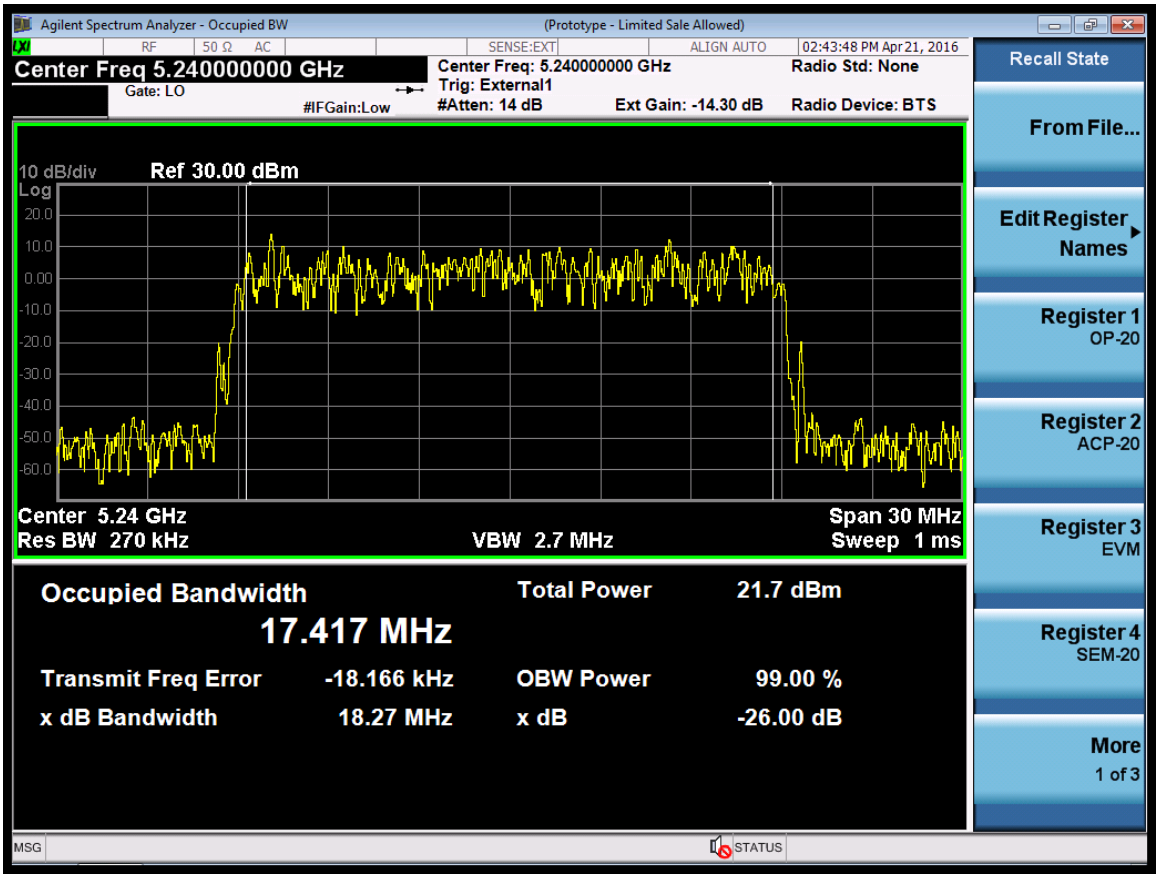

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:20:31 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.786 MHz
Total Power
21.7 dBm
Transmit Freq Error
28.998 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS

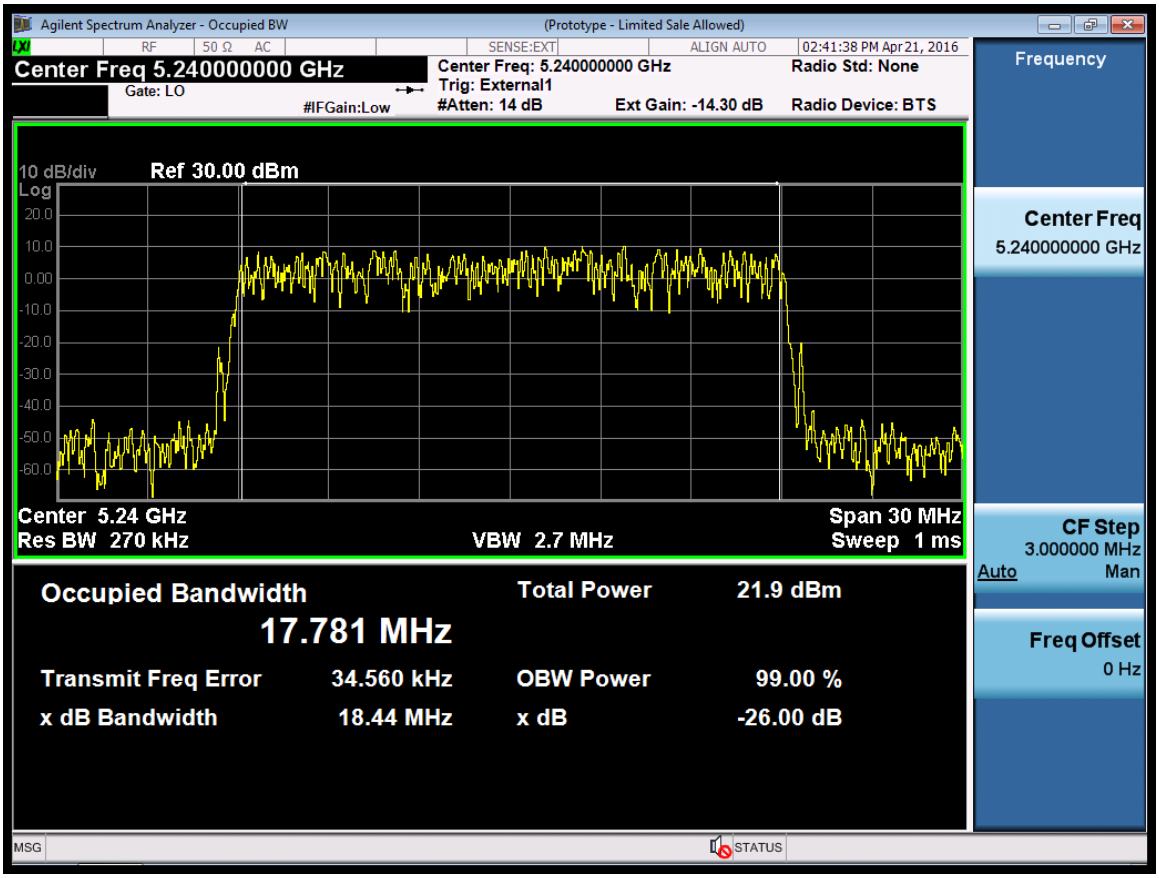

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:52:10 PM Apr 21, 2016
Preamp Gain -14.00 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-14.00 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.568 MHz
Total Power
21.7 dBm
Transmit Freq Error
-140.88 kHz
OBW Power
99.00 %
x dB Bandwidth
18.29 MHz
x dB
-26.00 dB
MSG
STATUS

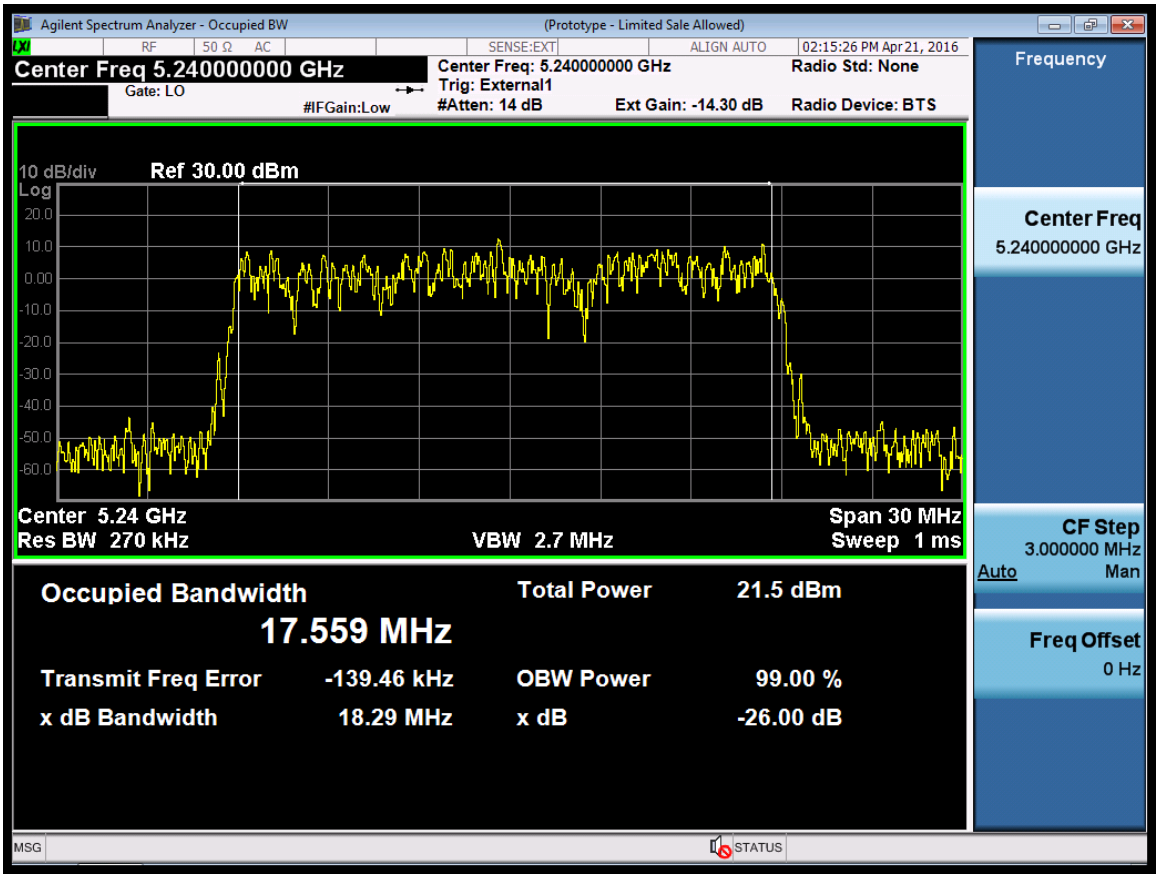

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:49:17 PM Apr 21, 2016
Center Freq 5.200000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.403 MHz
Total Power 21.5 dBm
Transmit Freq Error -36.762 kHz
OBW Power 99.00 %
x dB Bandwidth 18.27 MHz
x dB -26.00 dB
MSG
STATUS
Frequency
Center Freq
5.200000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

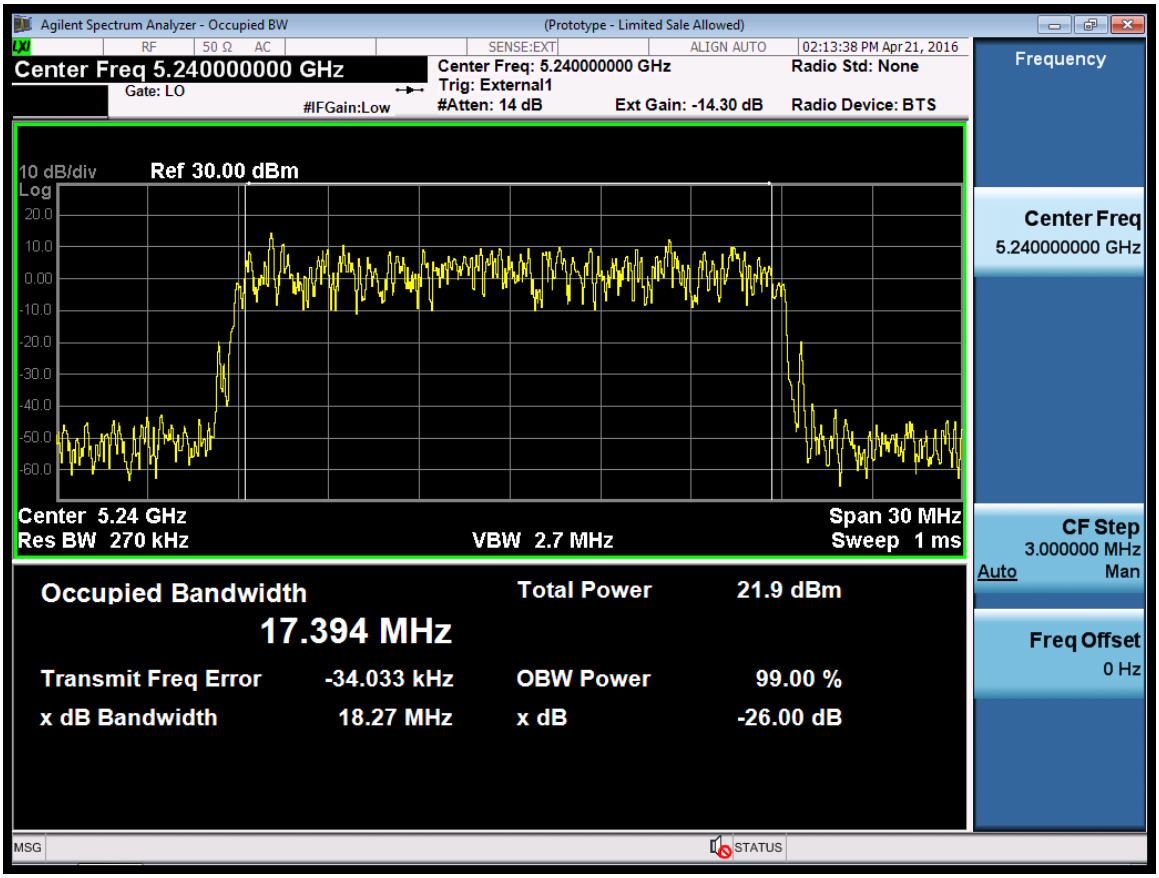

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:45:53 PM Apr 21, 2016
Center Freq 5.200000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.00 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center Freq
5.200000000 GHz
Center 5.2 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.787 MHz
Total Power
21.9 dBm
Freq Offset
0 Hz
Transmit Freq Error
23.754 kHz
OBW Power
99.00 %
x dB Bandwidth
18.45 MHz
x dB
-26.00 dB
MSG
STATUS

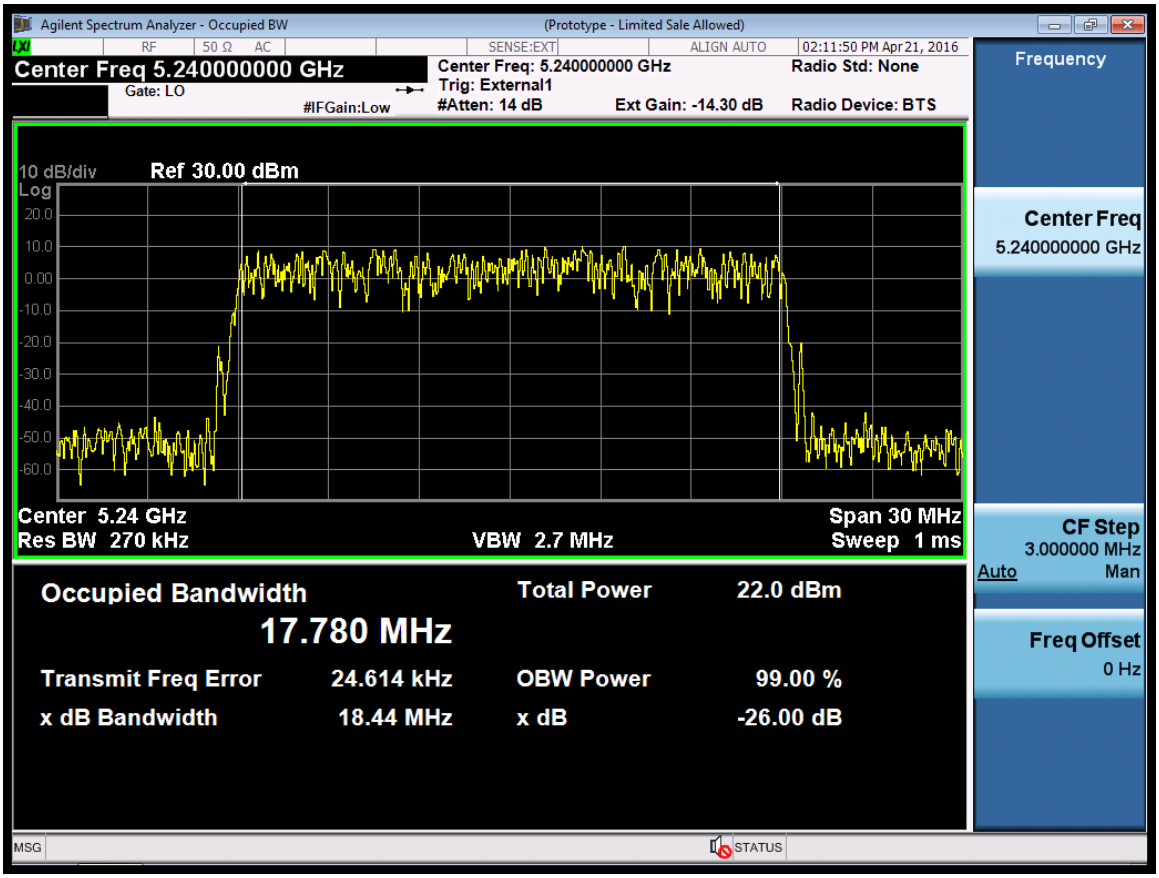

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:45:20 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.561 MHz
Total Power 21.9 dBm
Transmit Freq Error -129.98 kHz
OBW Power 99.00 %
x dB Bandwidth 18.29 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

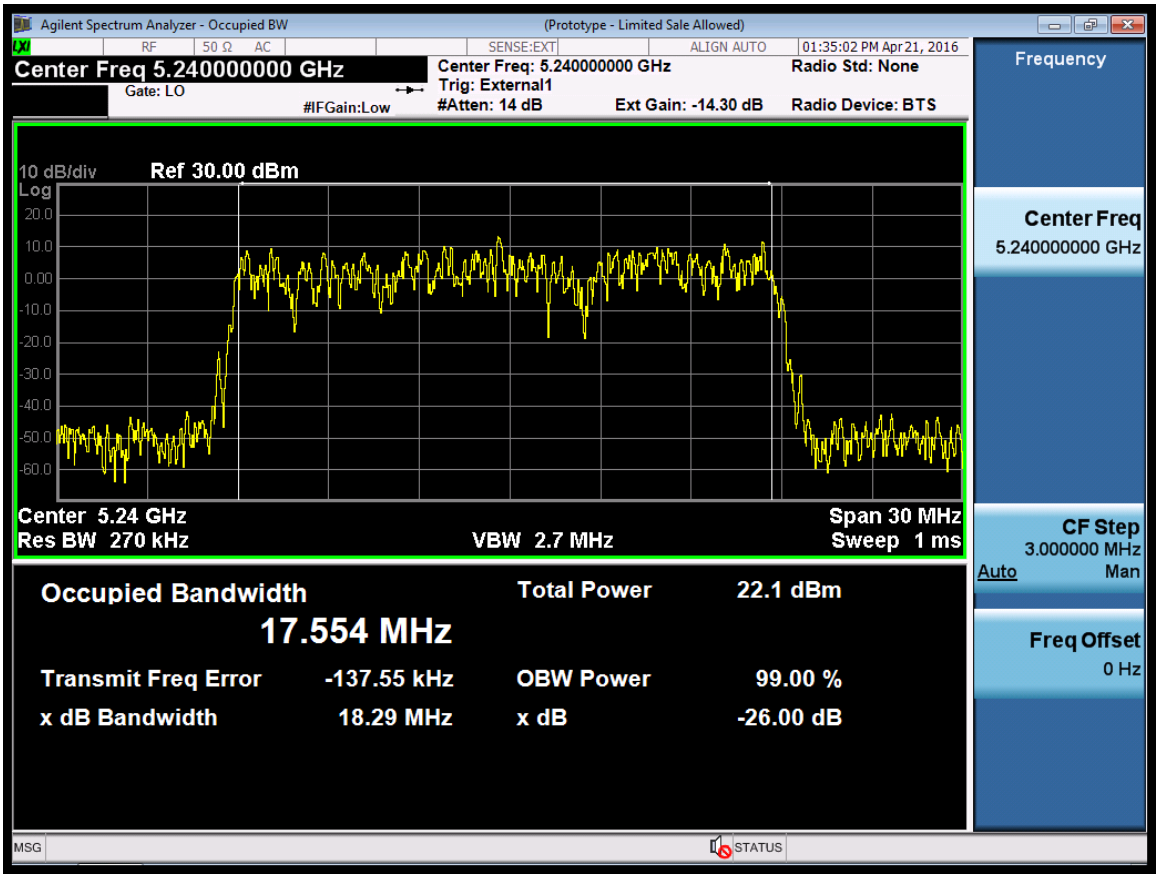

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:43:48 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.417 MHz
Total Power 21.7 dBm
Transmit Freq Error -18.166 kHz
OBW Power 99.00 %
x dB Bandwidth 18.27 MHz
x dB -26.00 dB
MSG
STATUS
Recall State
From File...
Edit Register Names
Register 1 OP-20
Register 2 ACP-20
Register 3 EVM
Register 4 SEM-20
More 1 of 3

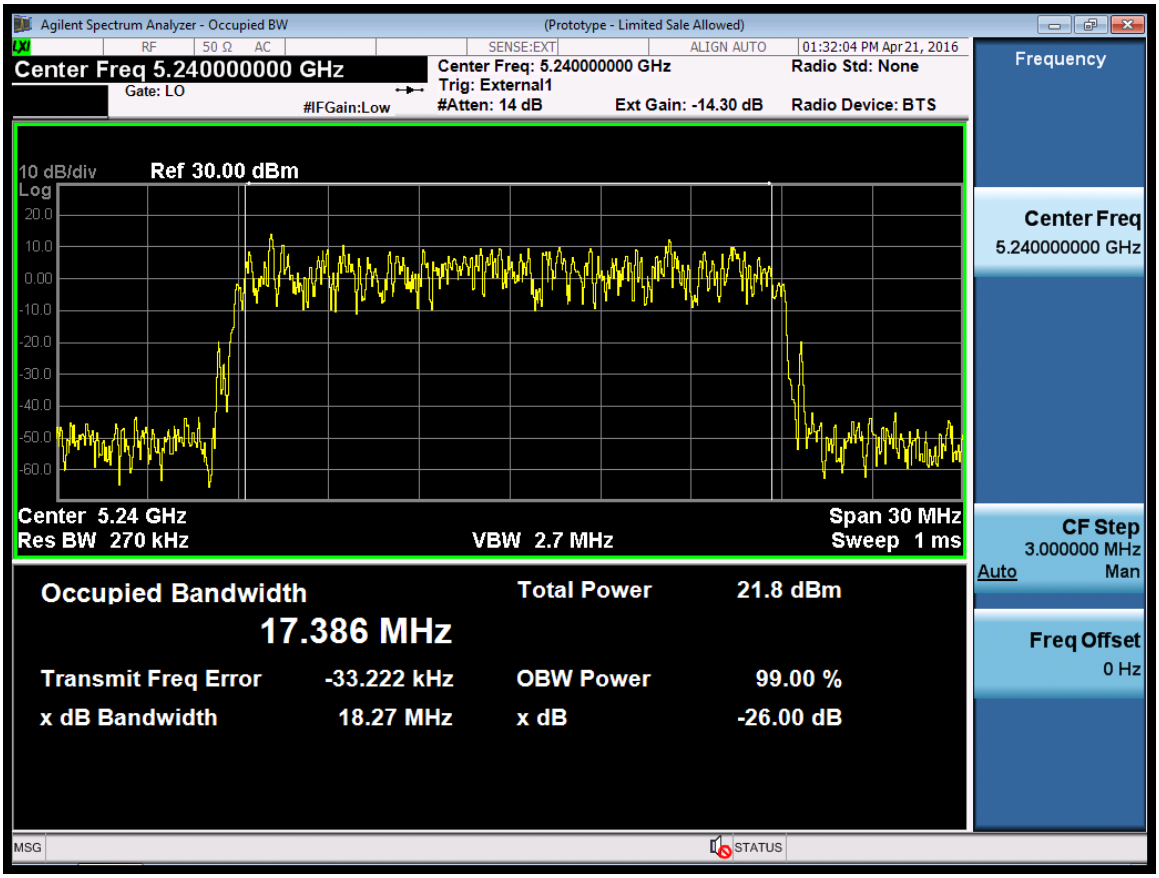

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:41:38 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center Freq
5.240000000 GHz
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.781 MHz
Total Power
21.9 dBm
Freq Offset
0 Hz
Transmit Freq Error
34.560 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS

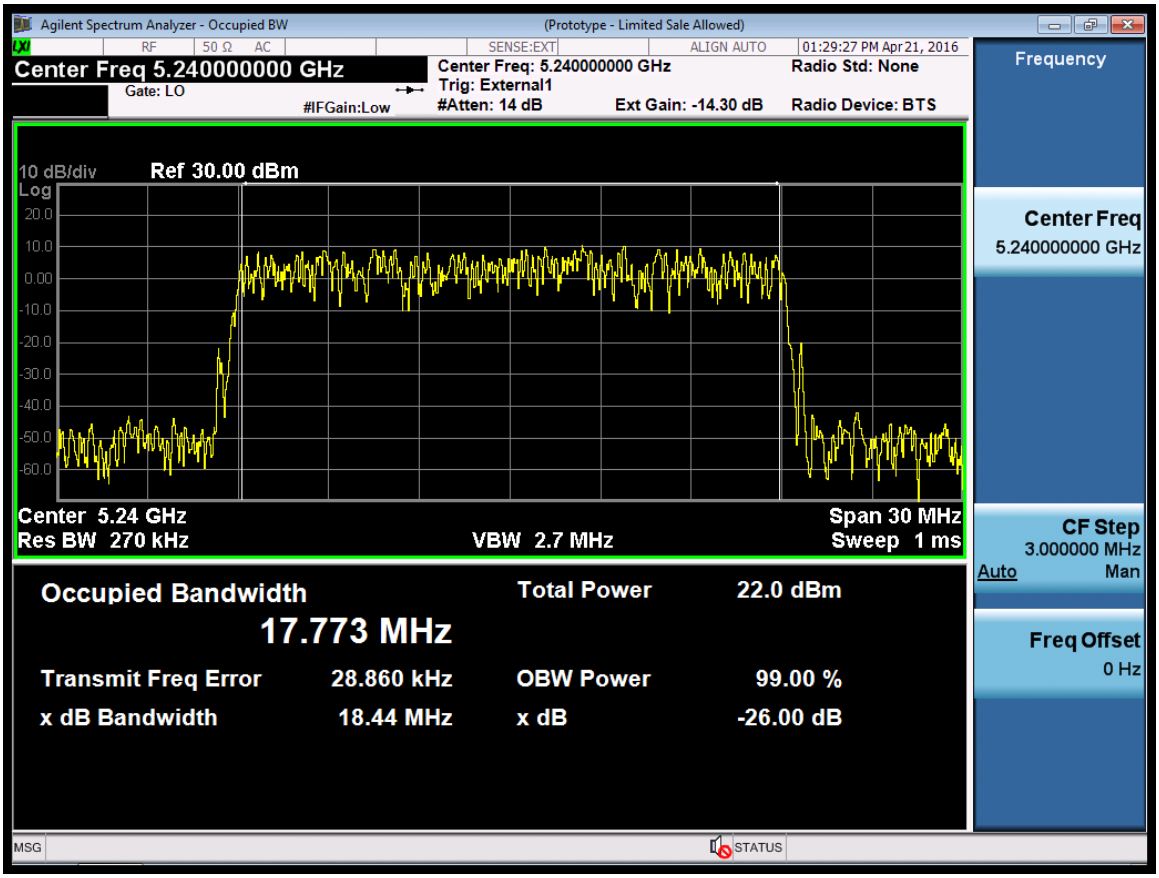

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:15:26 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.559 MHz
Total Power 21.5 dBm
Transmit Freq Error -139.46 kHz
OBW Power 99.00 %
x dB Bandwidth 18.29 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

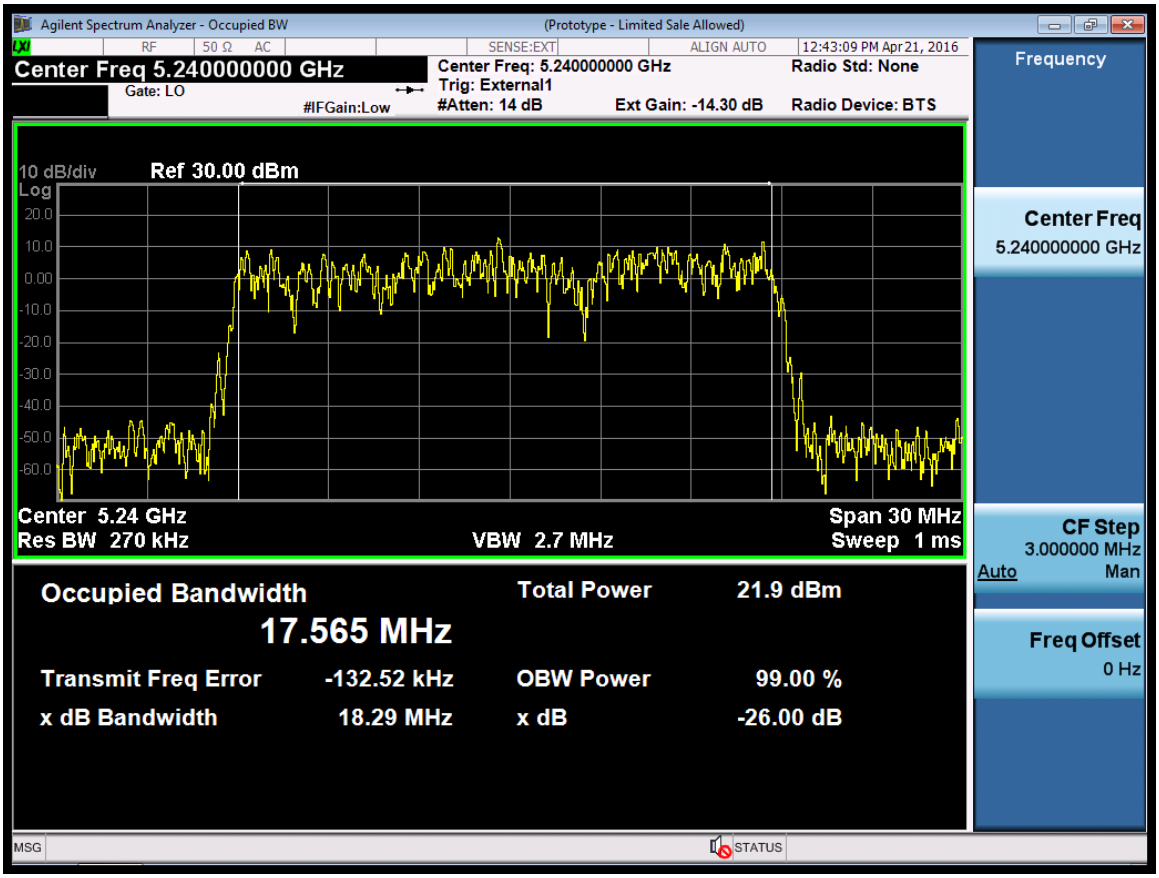

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:13:38 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.394 MHz
Total Power 21.9 dBm
Transmit Freq Error -34.033 kHz
OBW Power 99.00 %
x dB Bandwidth 18.27 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

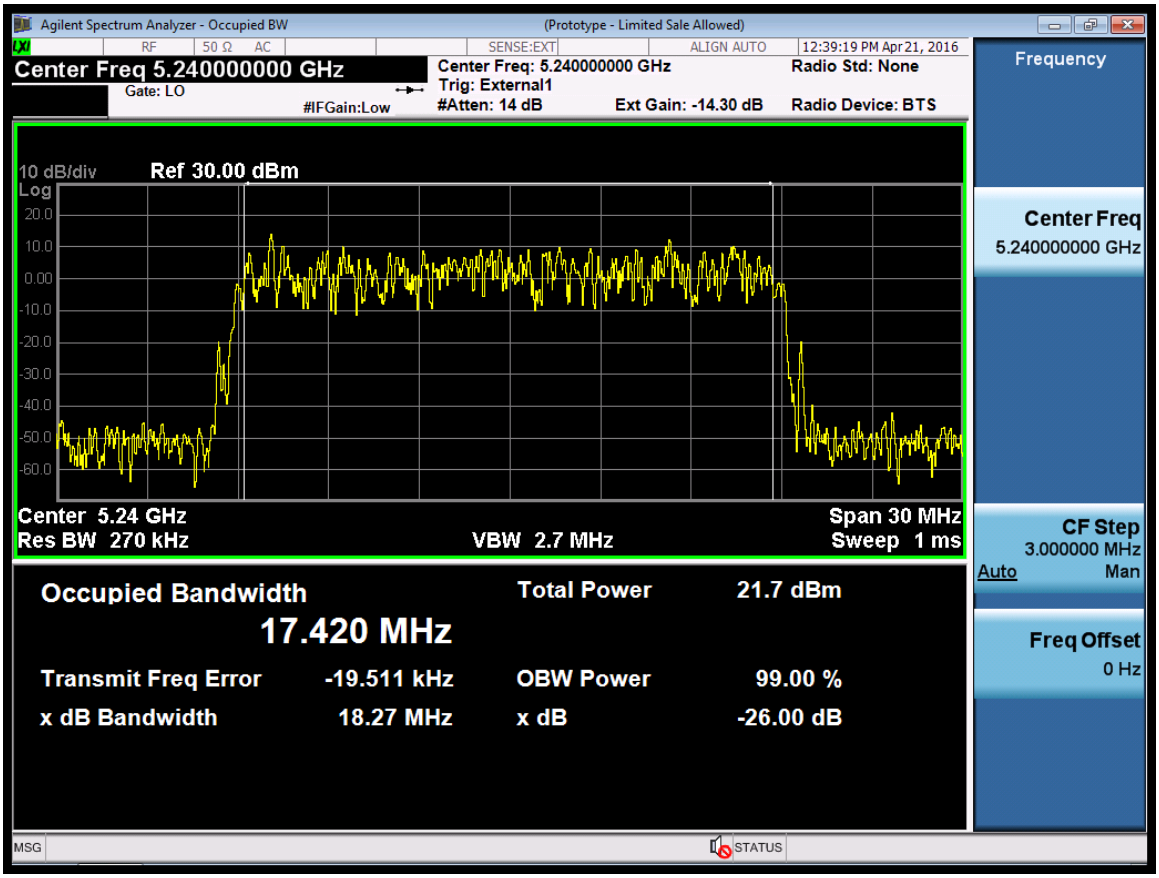

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
02:11:50 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center Freq
5.240000000 GHz
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.780 MHz
Total Power
22.0 dBm
Freq Offset
0 Hz
Transmit Freq Error
24.614 kHz
OBW Power
99.00 %
x dB Bandwidth
18.44 MHz
x dB
-26.00 dB
MSG
STATUS

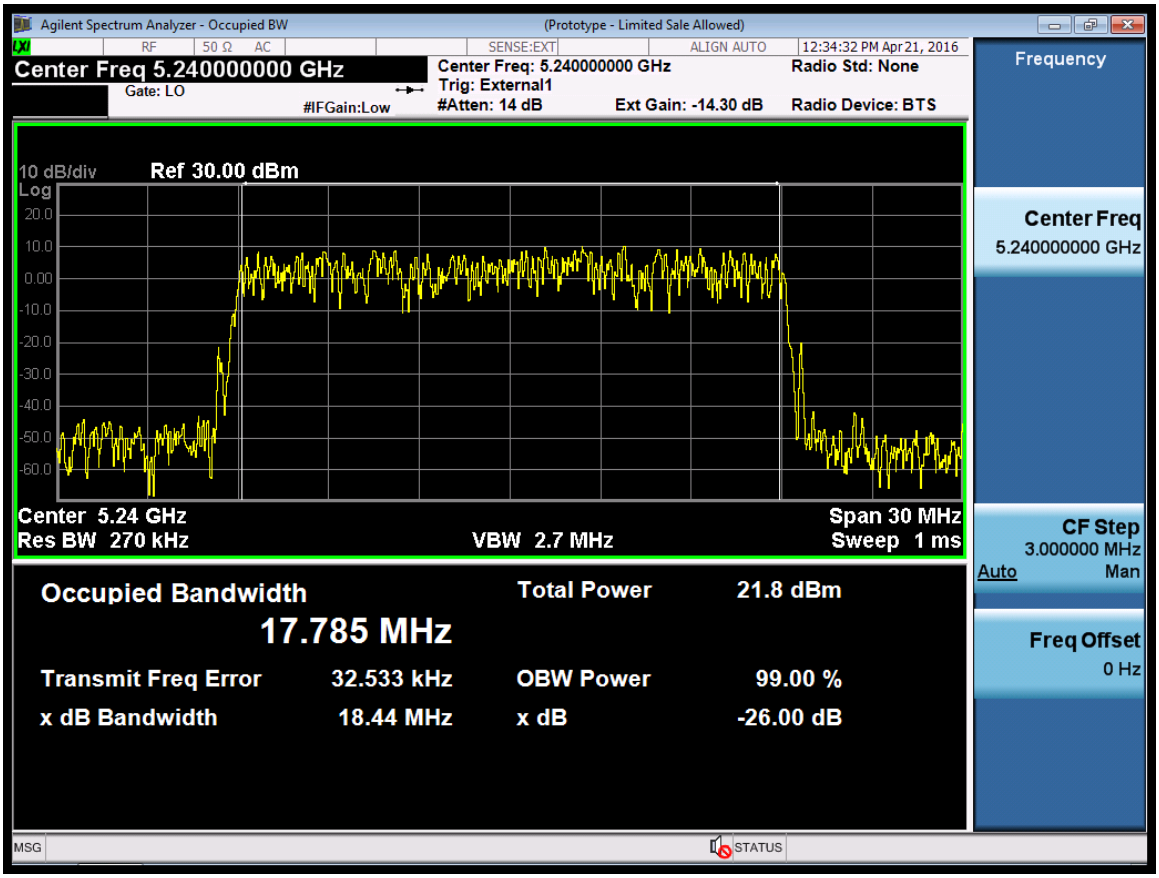

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:35:02 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.554 MHz
Total Power 22.1 dBm
Transmit Freq Error -137.55 kHz
OBW Power 99.00 %
x dB Bandwidth 18.29 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

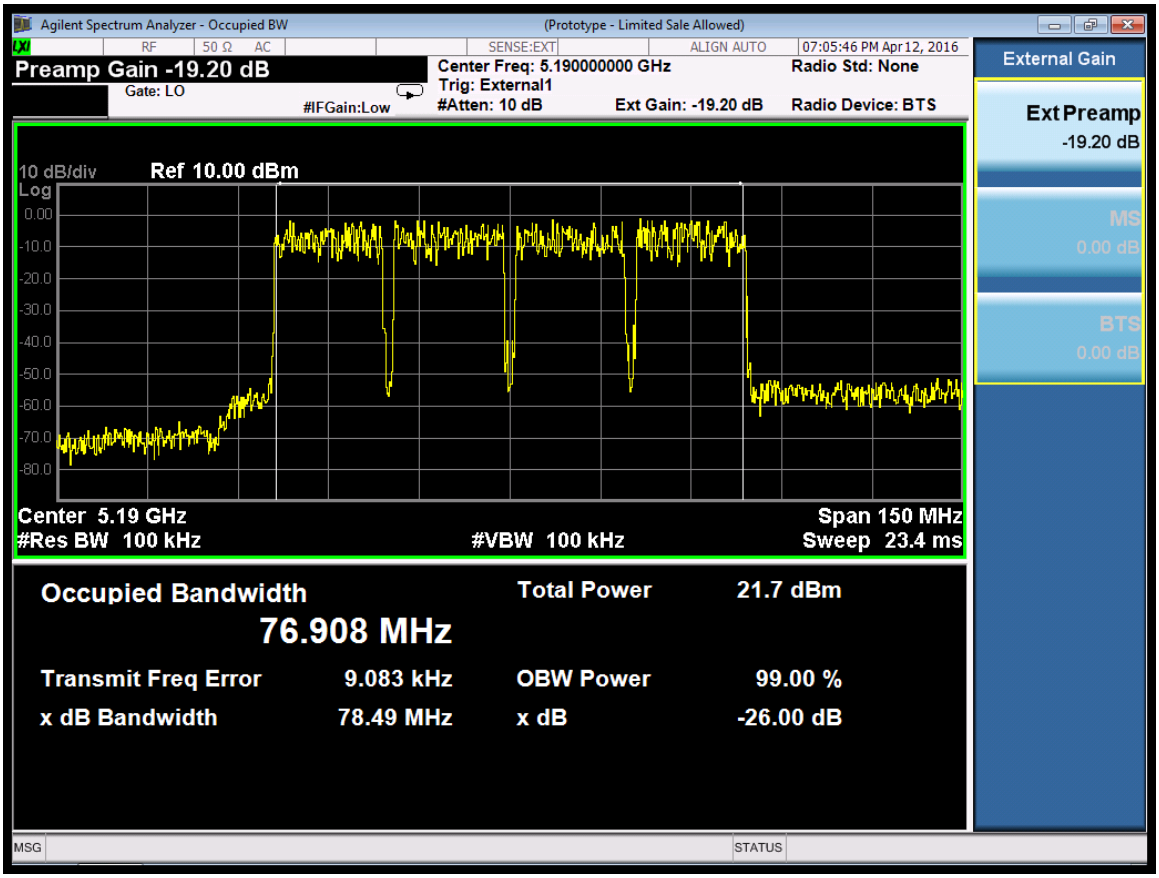

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:32:04 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.386 MHz
Total Power 21.8 dBm
Transmit Freq Error -33.222 kHz
OBW Power 99.00 %
x dB Bandwidth 18.27 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

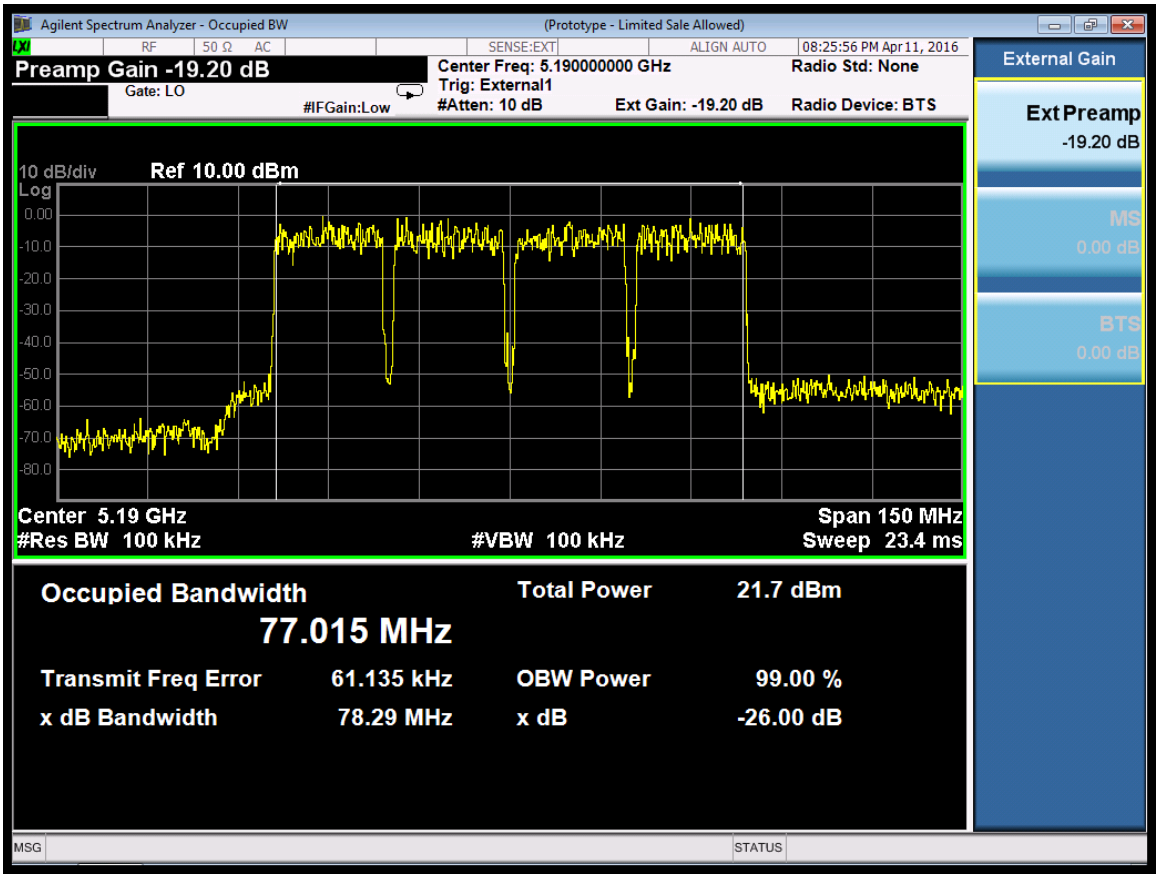

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
01:29:27 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.773 MHz
Total Power 22.0 dBm
Transmit Freq Error 28.860 kHz
OBW Power 99.00 %
x dB Bandwidth 18.44 MHz
x dB -26.00 dB
MSG
STATUS
Frequency
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

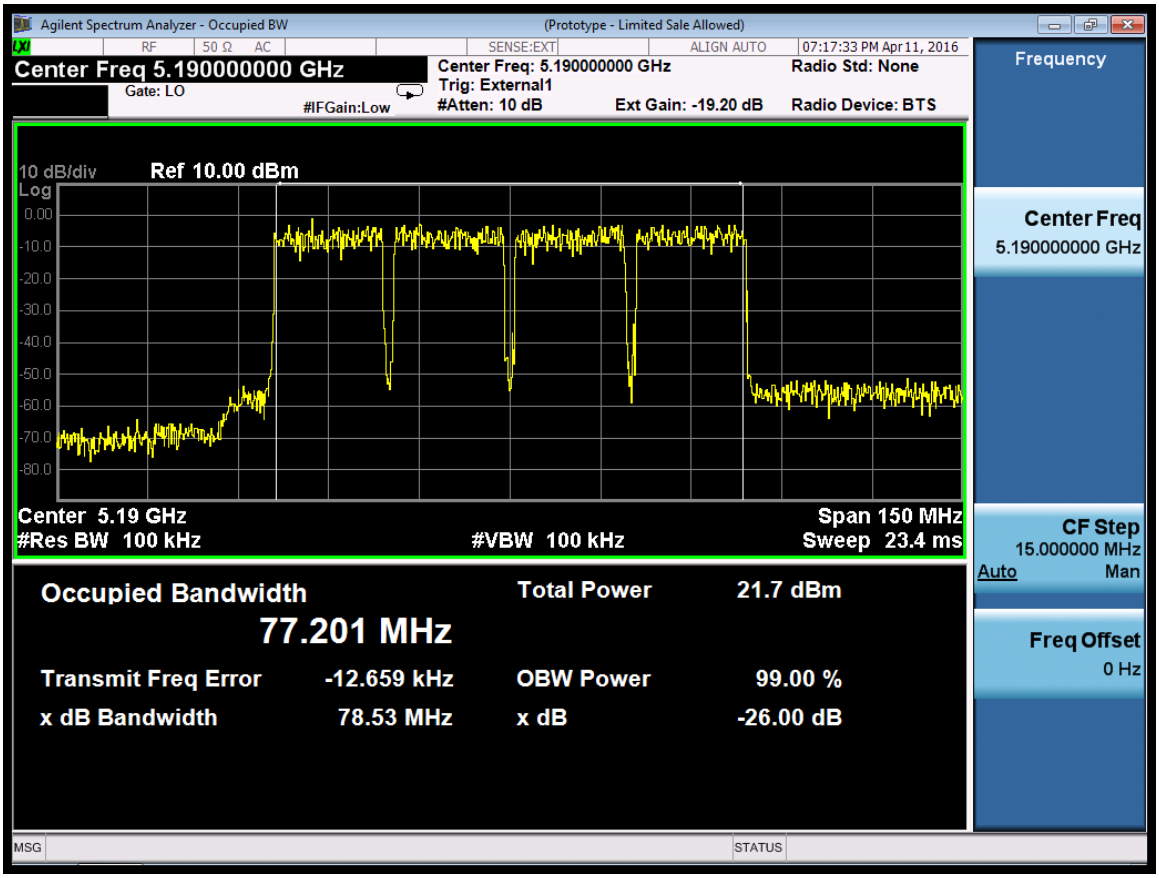

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:43:09 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.565 MHz
Total Power 21.9 dBm
Transmit Freq Error -132.52 kHz
OBW Power 99.00 %
x dB Bandwidth 18.29 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

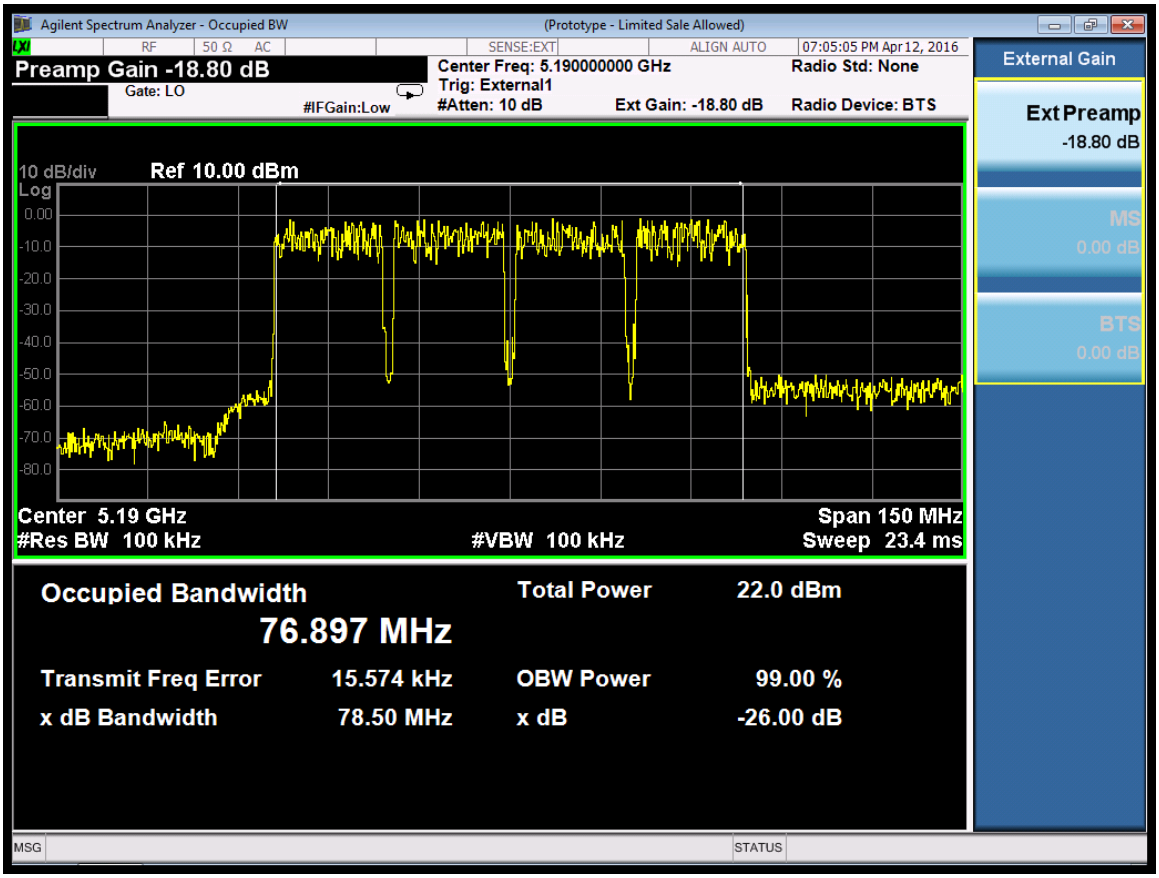

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:39:19 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.420 MHz
Total Power 21.7 dBm
Transmit Freq Error -19.511 kHz
OBW Power 99.00 %
x dB Bandwidth 18.27 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

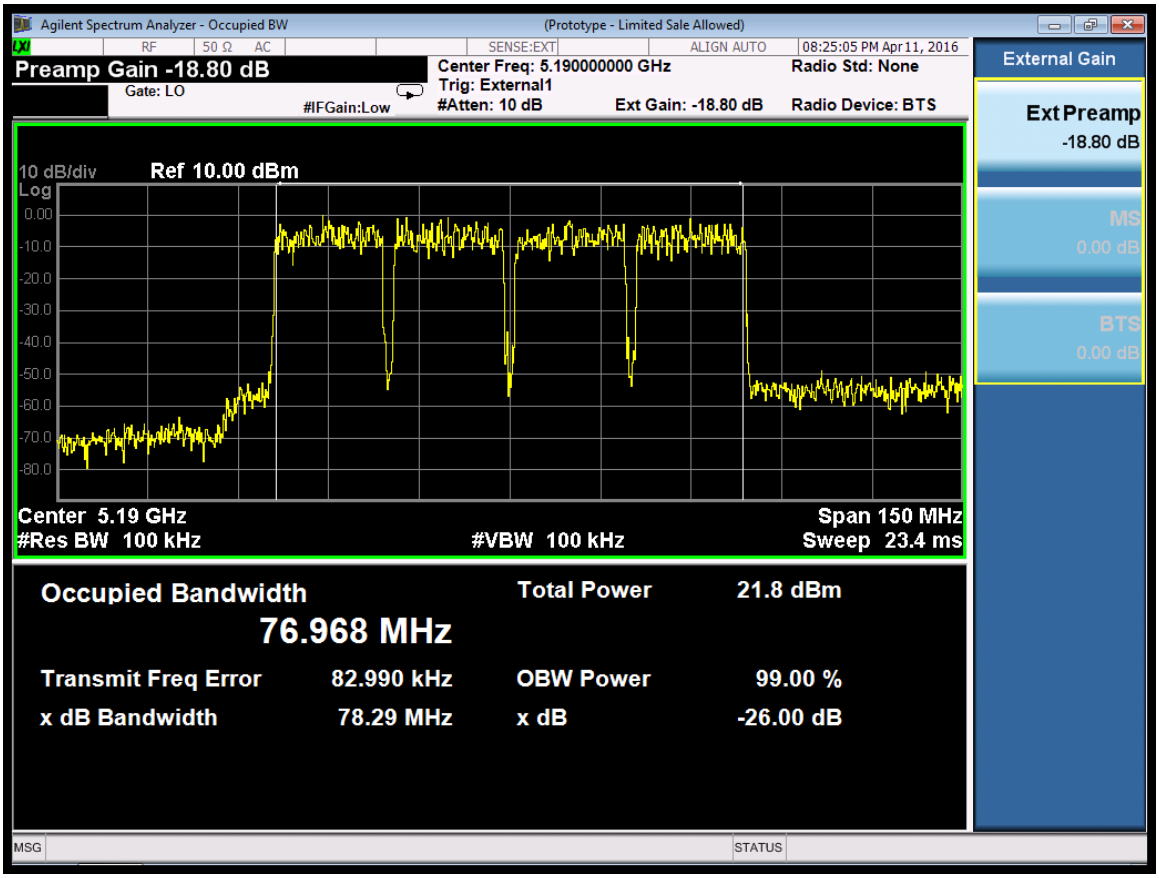

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
12:34:32 PM Apr 21, 2016
Center Freq 5.240000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.240000000 GHz
Trig: External1
#Atten: 14 dB
Ext Gain: -14.30 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 5.24 GHz
Res BW 270 kHz
VBW 2.7 MHz
Span 30 MHz
Sweep 1 ms
Occupied Bandwidth
17.785 MHz
Total Power 21.8 dBm
Transmit Freq Error 32.533 kHz
OBW Power 99.00 %
x dB Bandwidth 18.44 MHz
x dB -26.00 dB
Center Freq
5.240000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

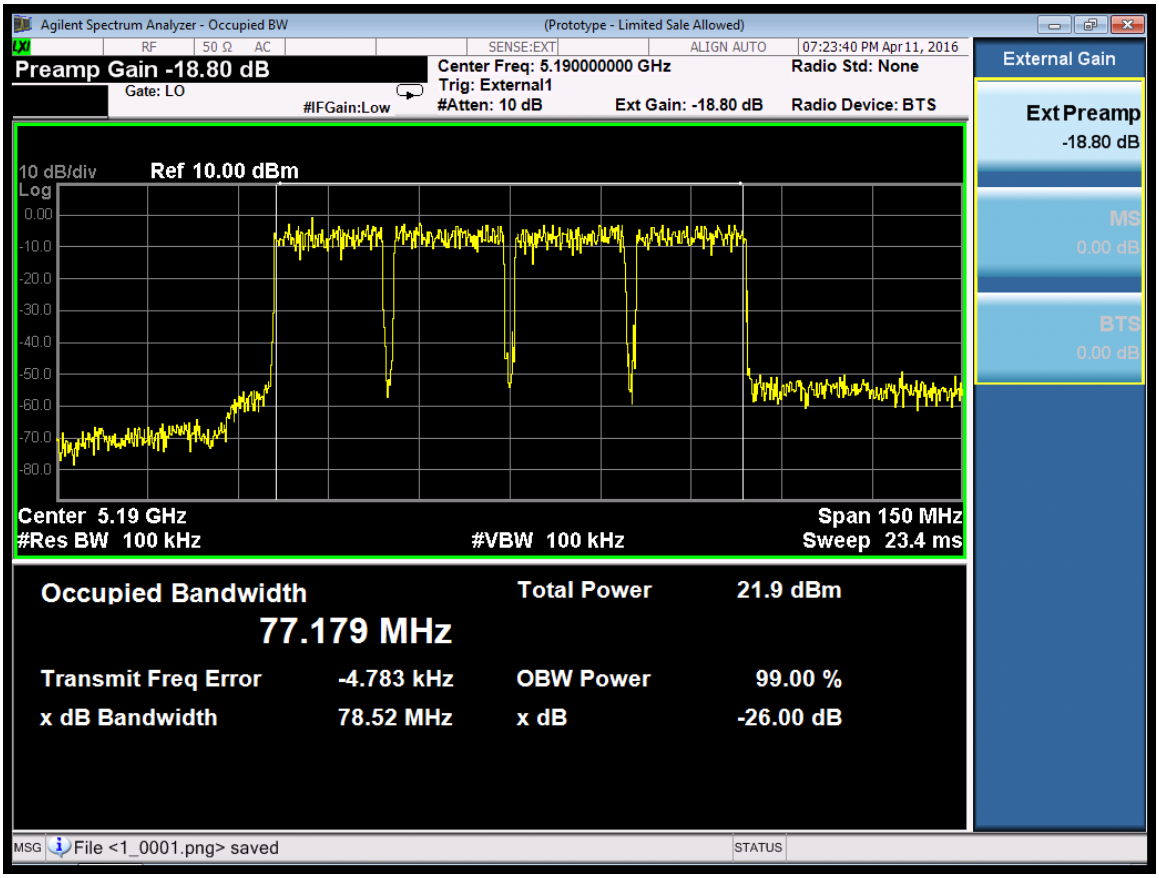

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:05:46 PM Apr 12, 2016
Preamp Gain -19.20 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.20 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.908 MHz
Total Power
21.7 dBm
Transmit Freq Error
9.083 kHz
OBW Power
99.00 %
x dB Bandwidth
78.49 MHz
x dB
-26.00 dB
MSG
STATUS

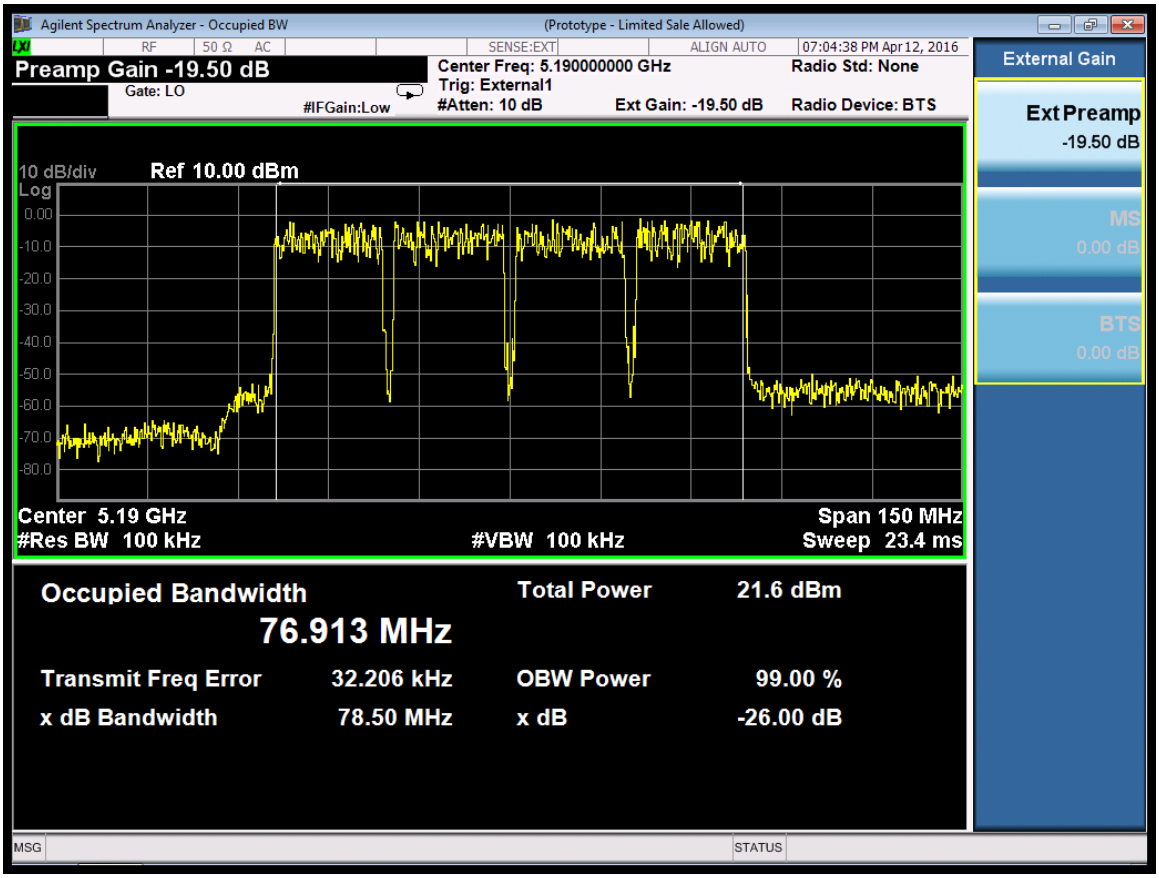

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:25:56 PM Apr 11, 2016
Preamp Gain -19.20 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.20 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.015 MHz
Total Power
21.7 dBm
Transmit Freq Error
61.135 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

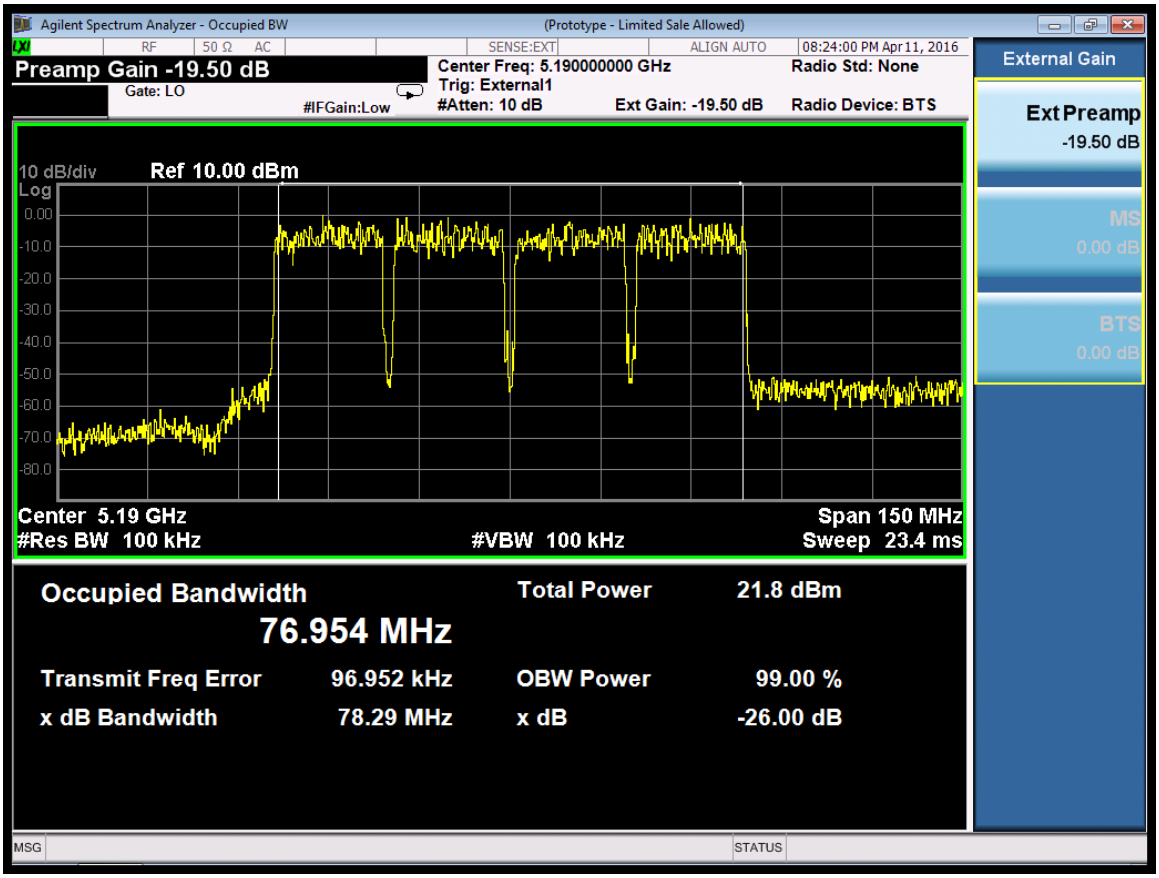

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:17:33 PM Apr 11, 2016
Center Freq 5.190000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center Freq
5.190000000 GHz
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
CF Step
15.000000 MHz
Auto
Man
Occupied Bandwidth
77.201 MHz
Total Power
21.7 dBm
Freq Offset
0 Hz
Transmit Freq Error
-12.659 kHz
OBW Power
99.00 %
x dB Bandwidth
78.53 MHz
x dB
-26.00 dB
MSG
STATUS

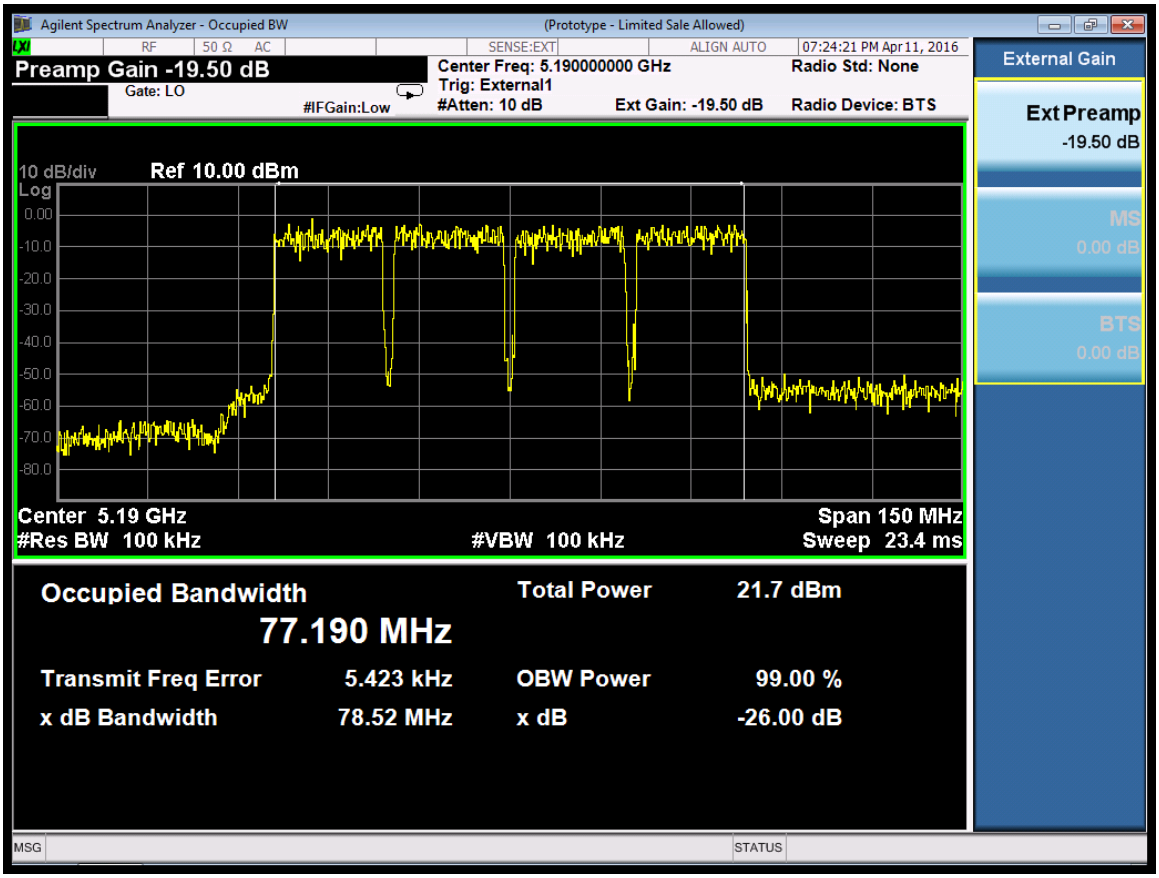

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:05:05 PM Apr 12, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.897 MHz
Total Power
22.0 dBm
Transmit Freq Error
15.574 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS

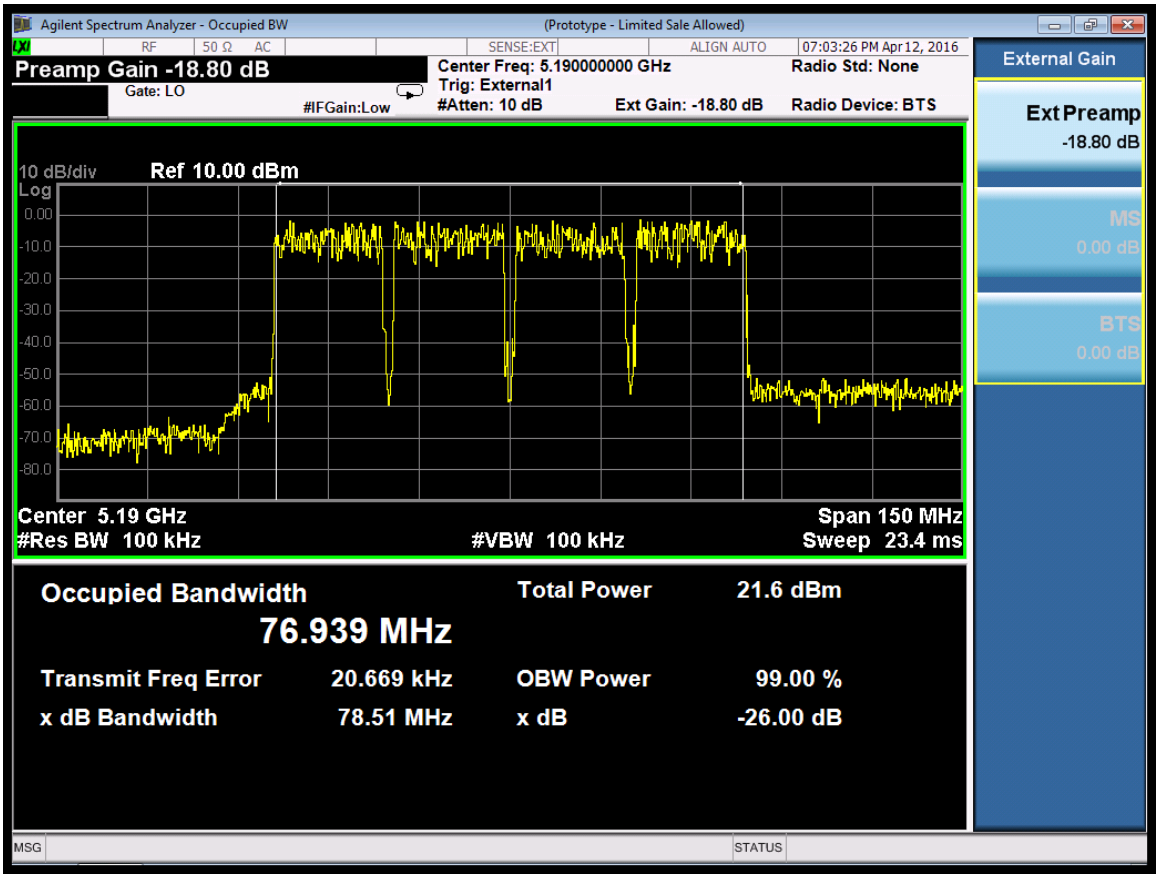

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:25:05 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.968 MHz
Total Power
21.8 dBm
Transmit Freq Error
82.990 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

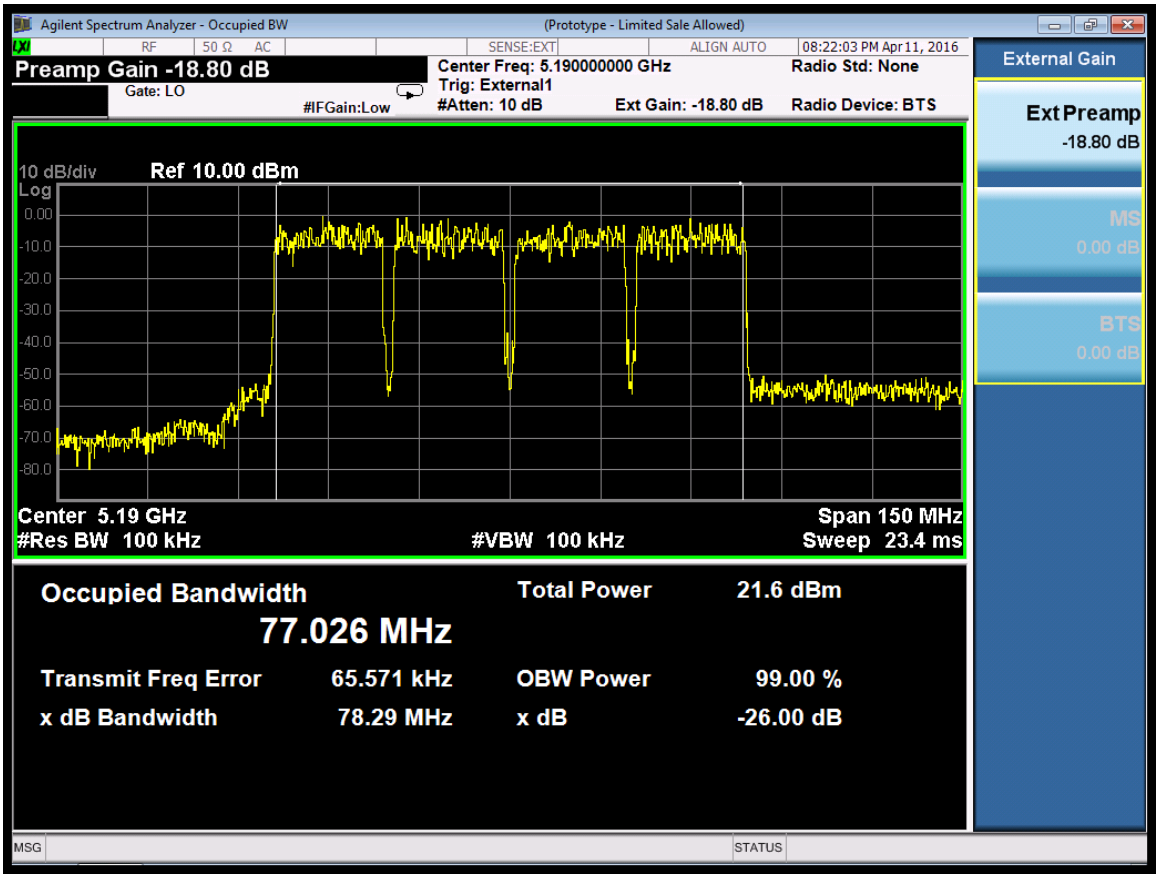

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:23:40 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.179 MHz
Total Power
21.9 dBm
Transmit Freq Error
-4.783 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
File <1_0001.png> saved
STATUS

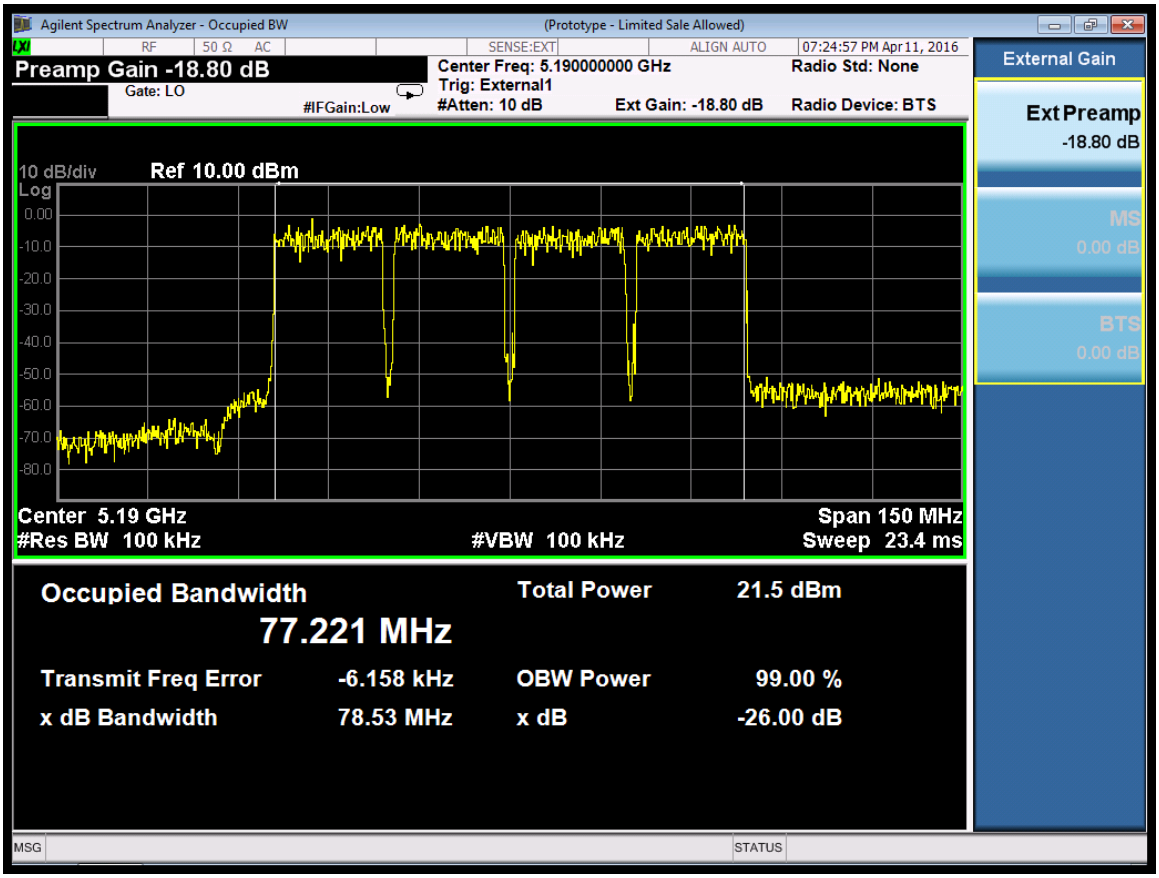

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:04:38 PM Apr 12, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.913 MHz
Total Power
21.6 dBm
Transmit Freq Error
32.206 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS

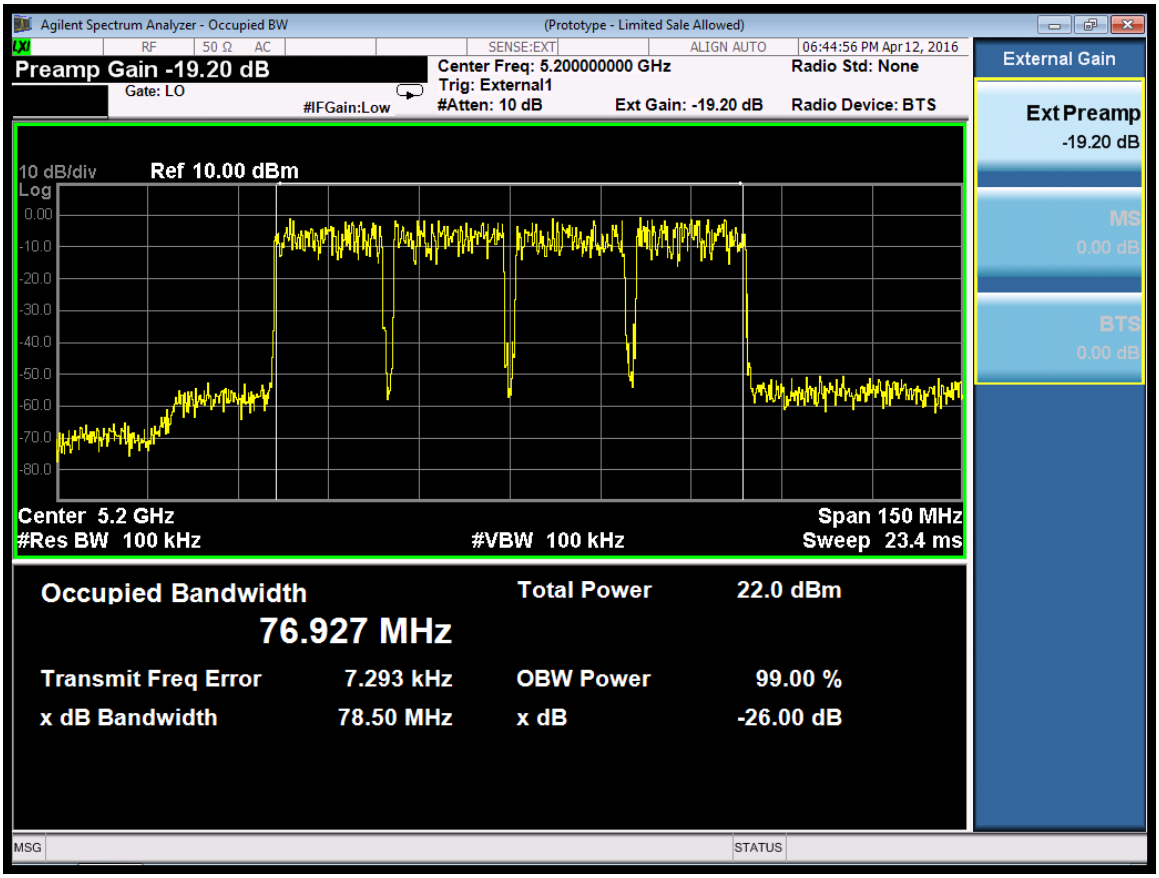

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:24:00 PM Apr 11, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.954 MHz
Total Power
21.8 dBm
Transmit Freq Error
96.952 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

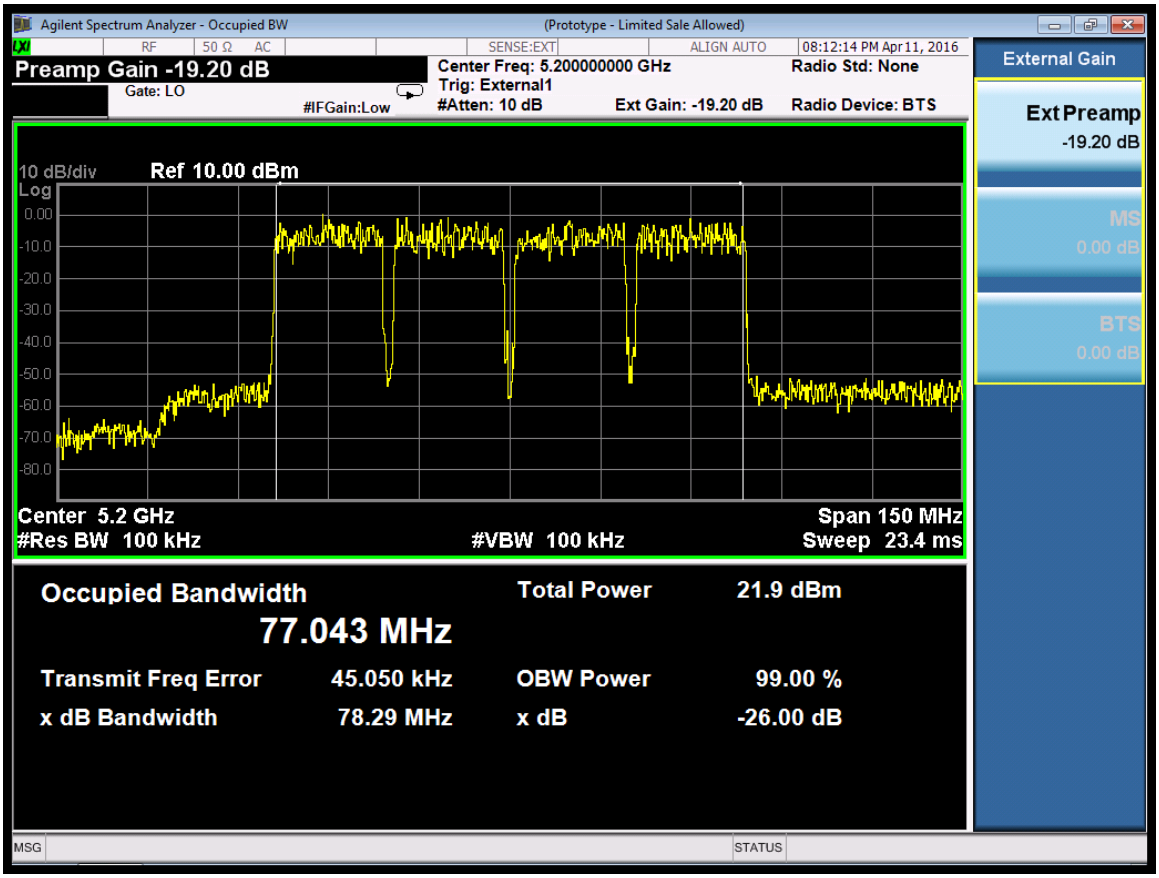

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:24:21 PM Apr 11, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.190 MHz
Total Power
21.7 dBm
Transmit Freq Error
5.423 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS

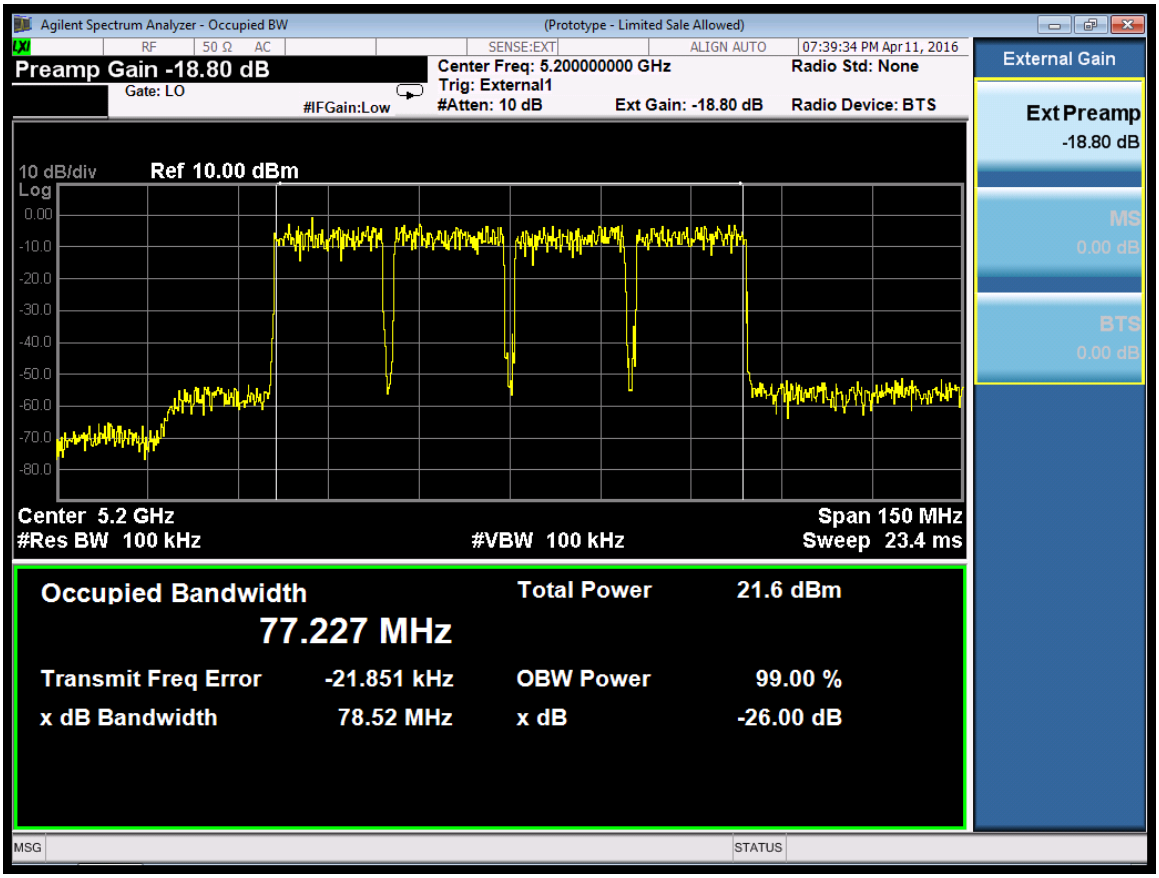

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:03:26 PM Apr 12, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.939 MHz
Total Power
21.6 dBm
Transmit Freq Error
20.669 kHz
OBW Power
99.00 %
x dB Bandwidth
78.51 MHz
x dB
-26.00 dB
MSG
STATUS

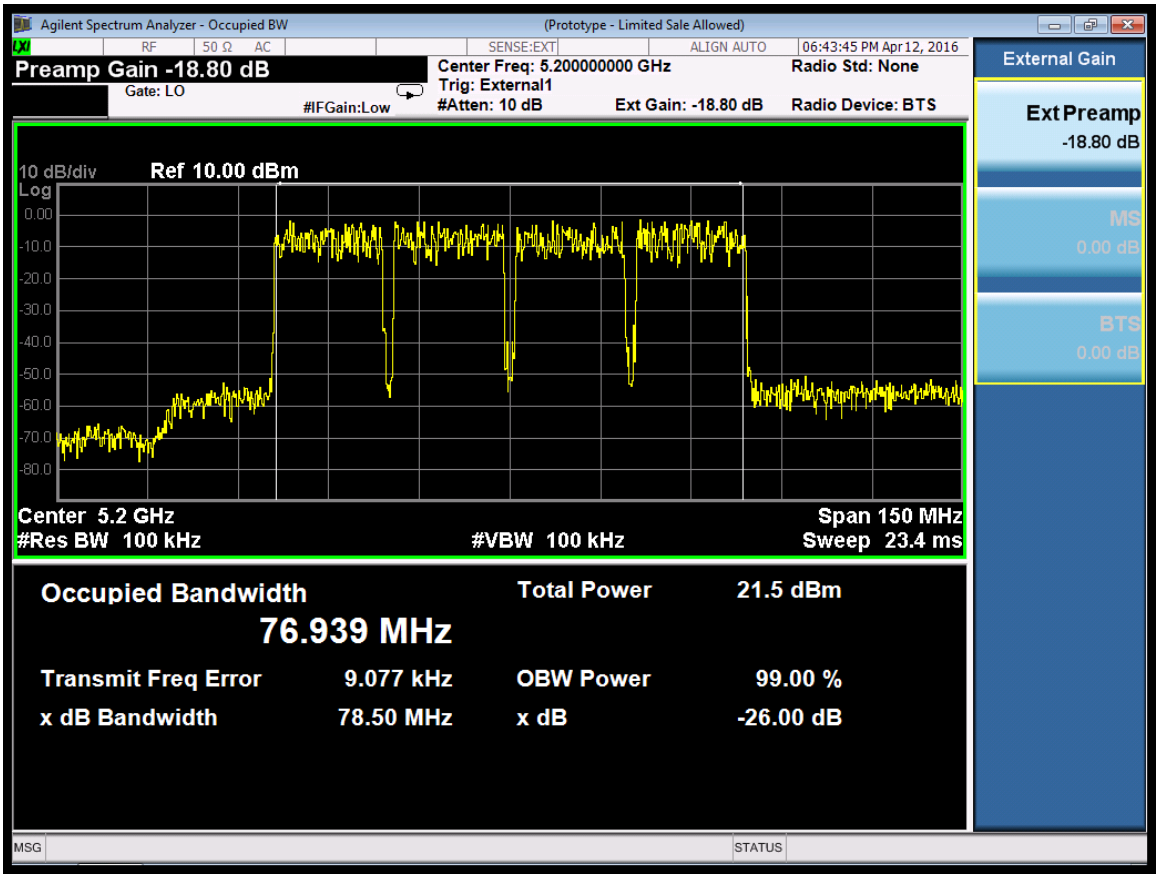

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:22:03 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.026 MHz
Total Power
21.6 dBm
Transmit Freq Error
65.571 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

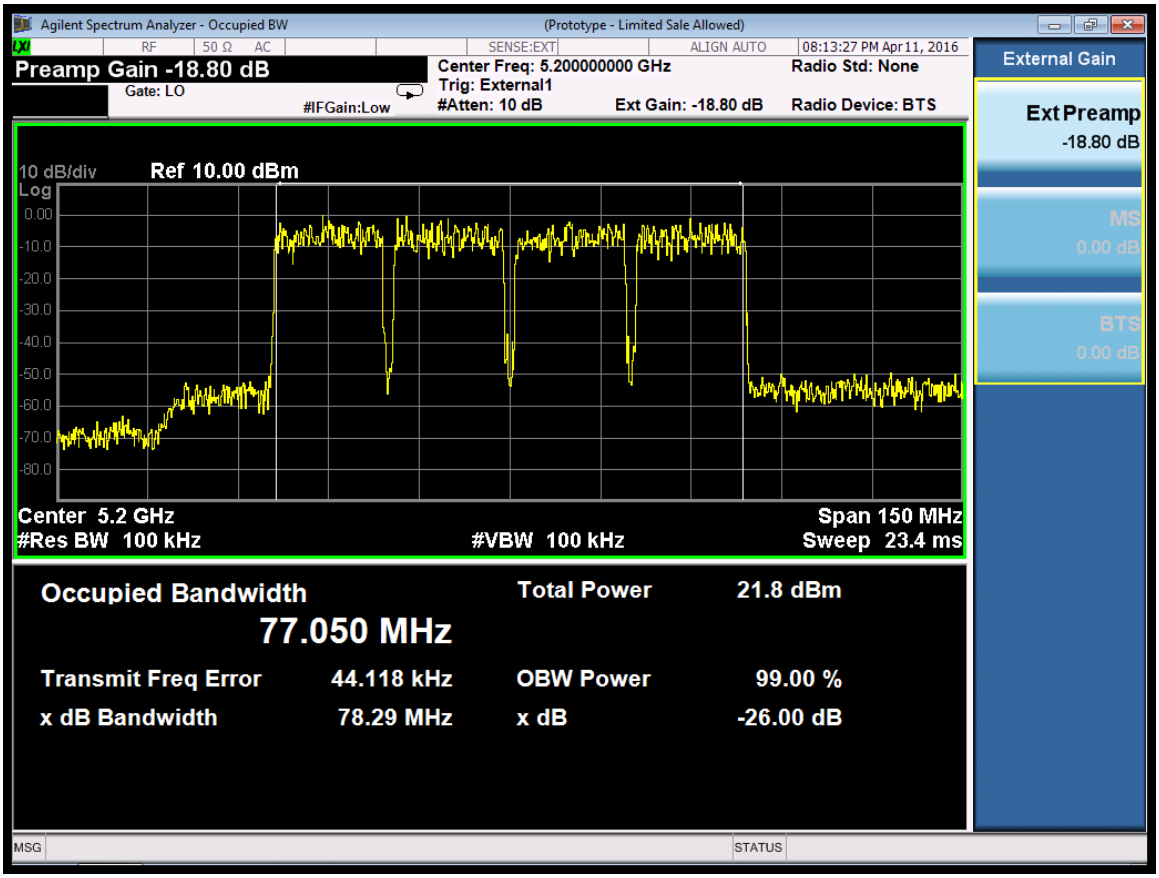

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:24:57 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.190000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.19 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.221 MHz
Total Power
21.5 dBm
Transmit Freq Error
-6.158 kHz
OBW Power
99.00 %
x dB Bandwidth
78.53 MHz
x dB
-26.00 dB
MSG
STATUS

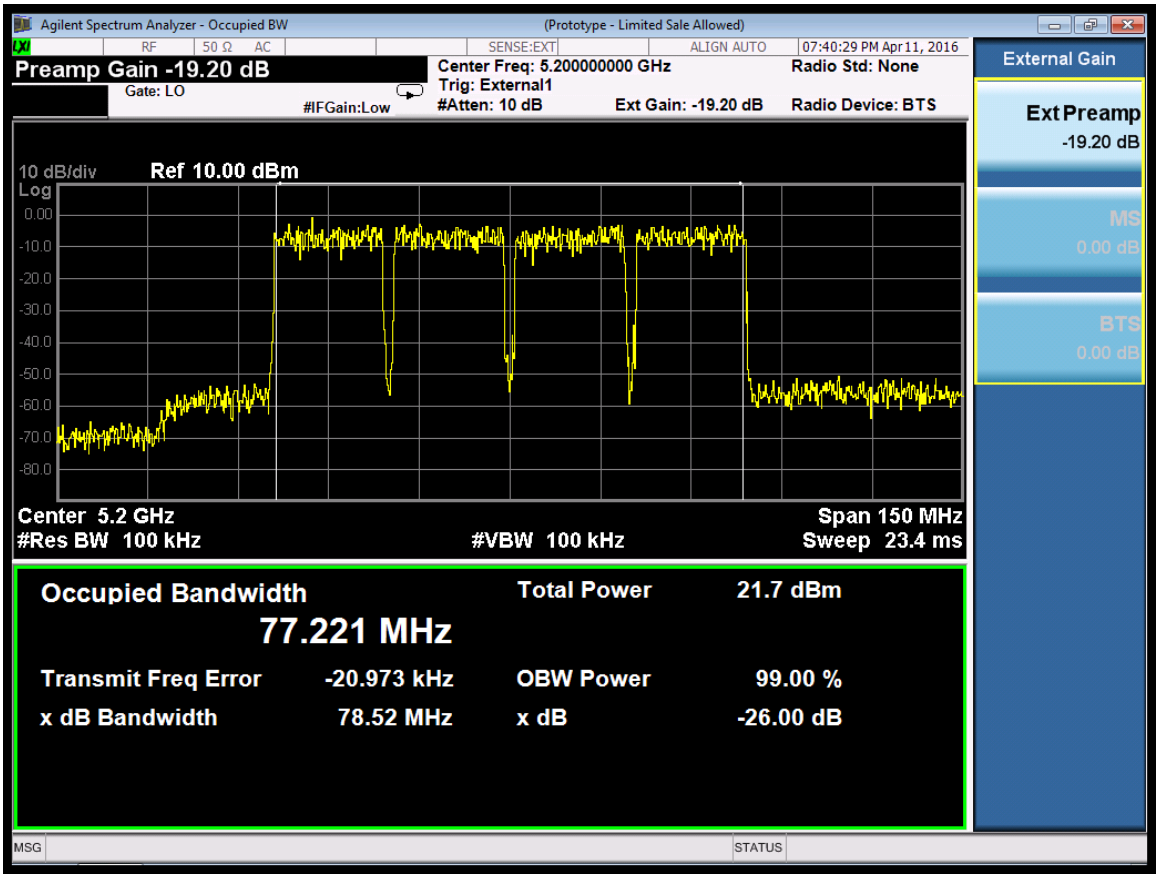

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:44:56 PM Apr 12, 2016
Preamp Gain -19.20 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.20 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.927 MHz
Total Power
22.0 dBm
Transmit Freq Error
7.293 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS

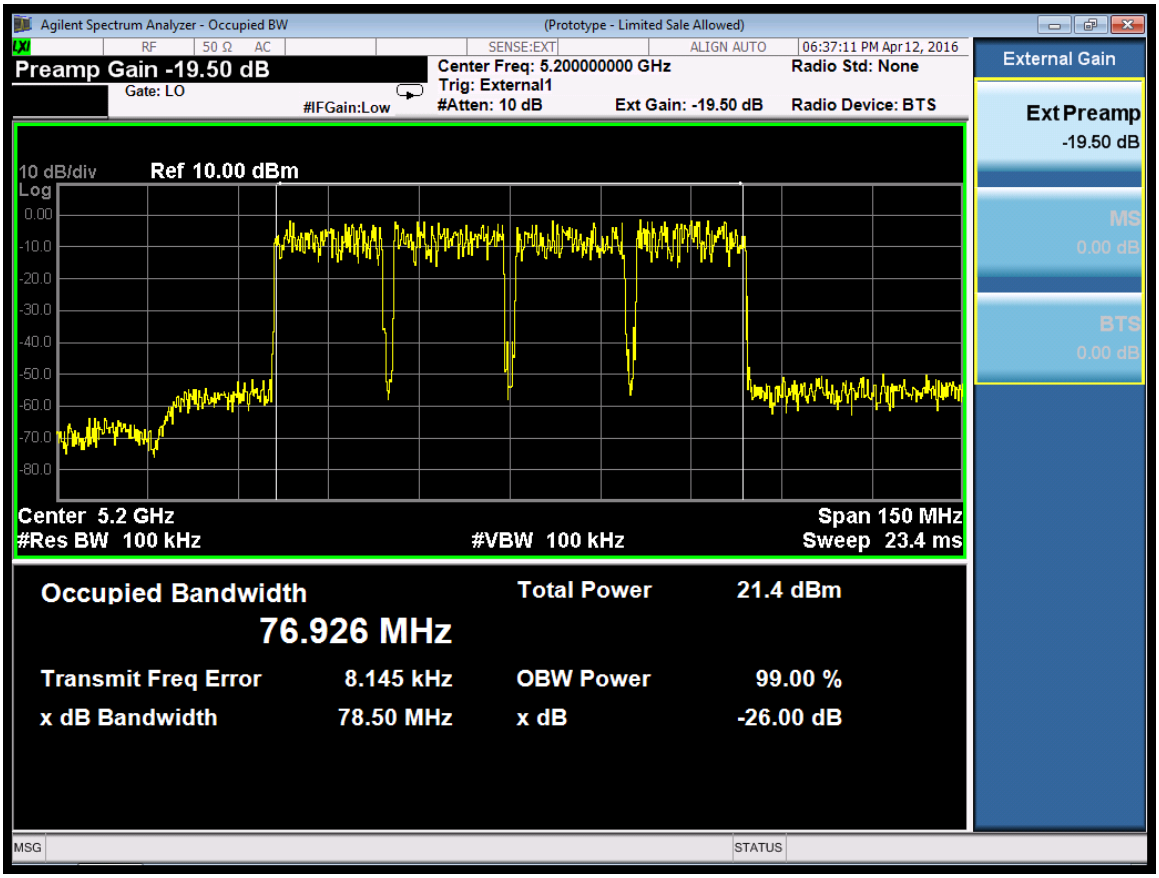

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:12:14 PM Apr 11, 2016
Preamp Gain -19.20 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.20 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.043 MHz
Total Power
21.9 dBm
Transmit Freq Error
45.050 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

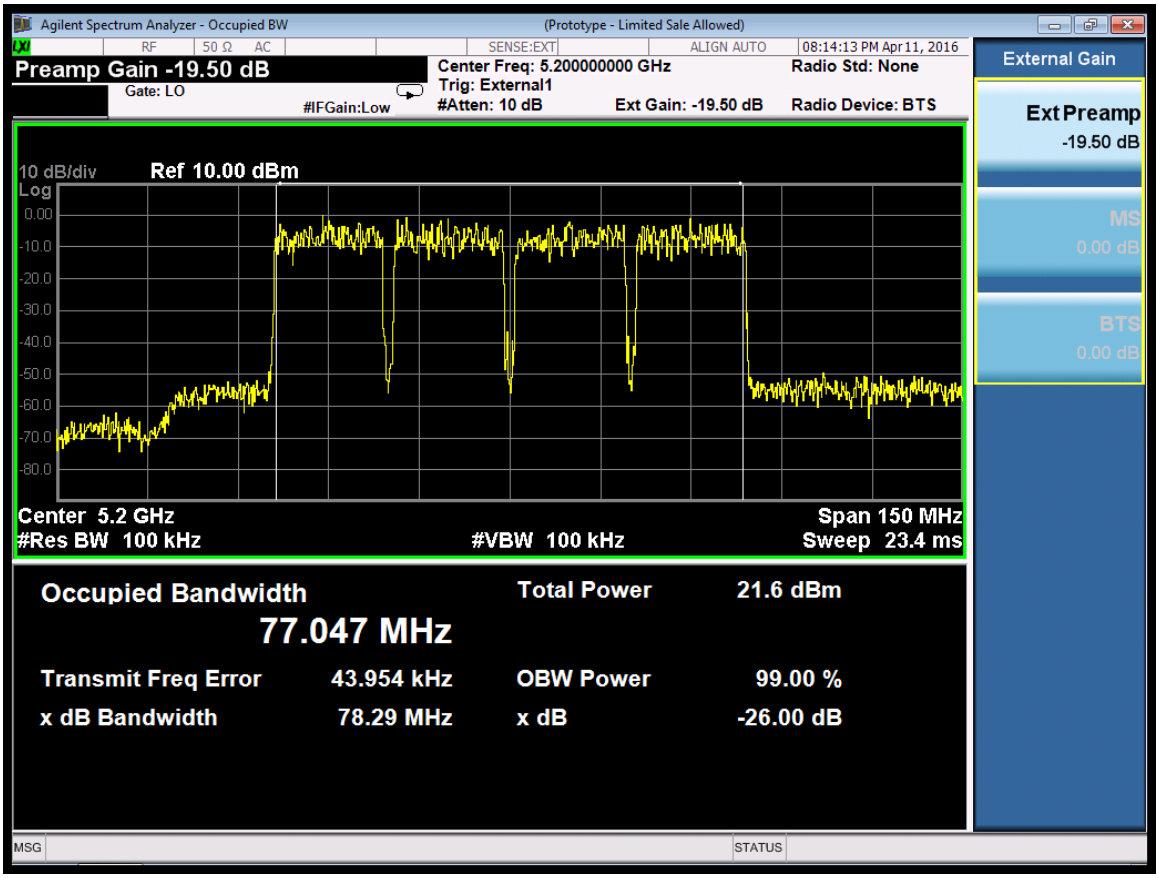

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:39:34 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.227 MHz
Total Power
21.6 dBm
Transmit Freq Error
-21.851 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS

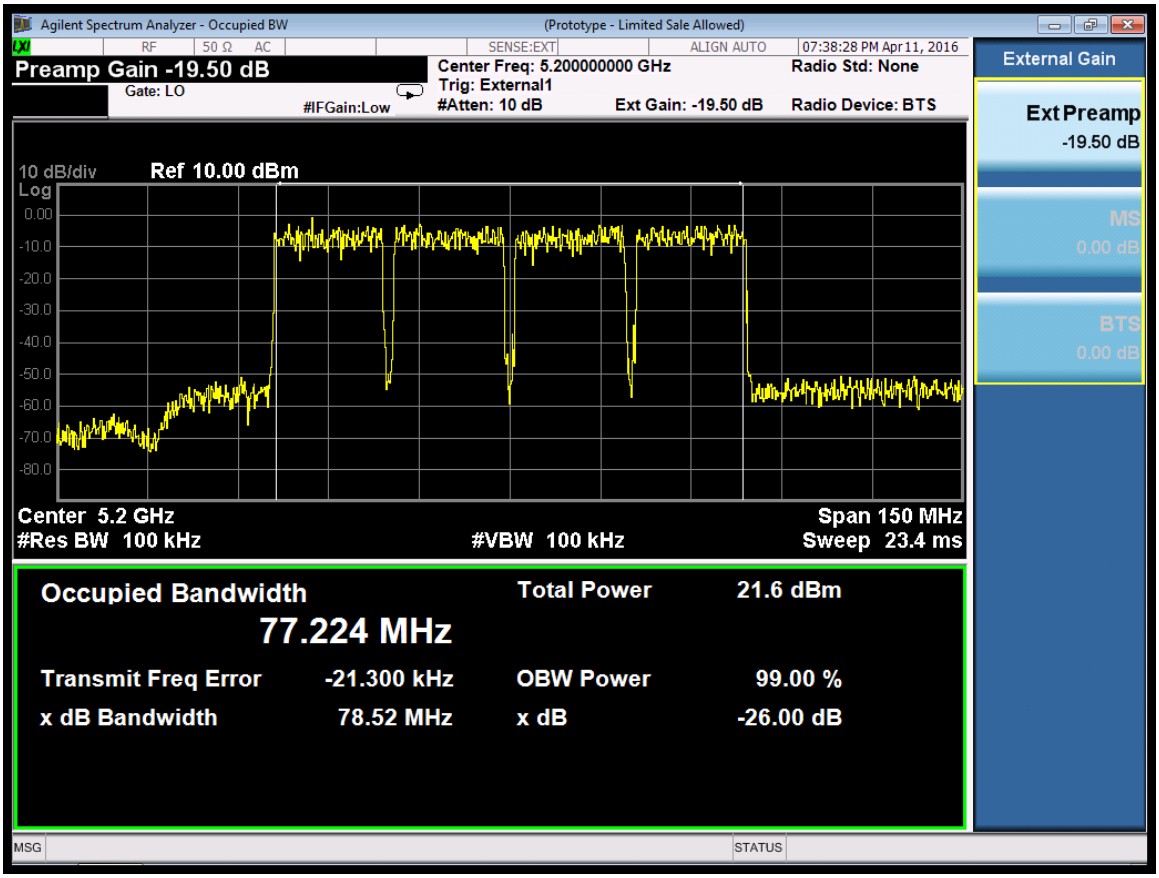

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:43:45 PM Apr 12, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.939 MHz
Total Power
21.5 dBm
Transmit Freq Error
9.077 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS

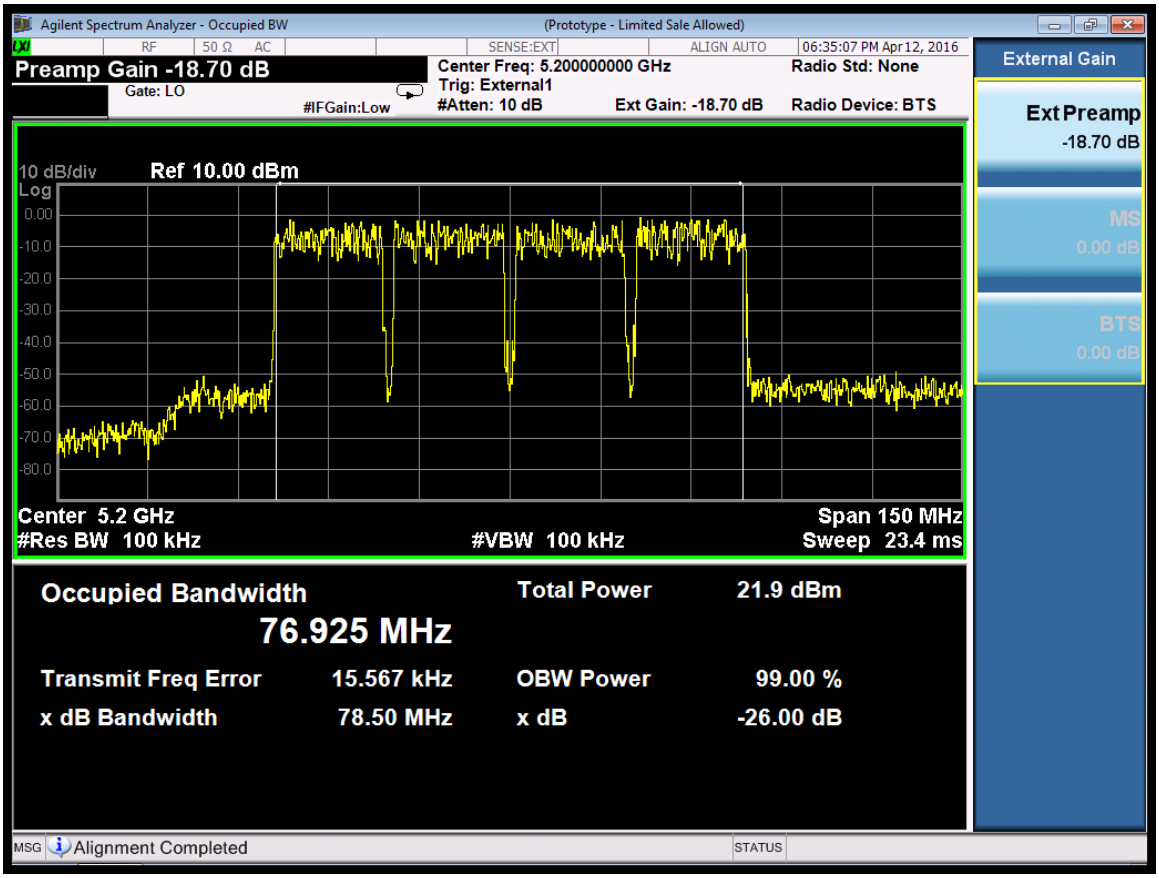

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:13:27 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.050 MHz
Total Power
21.8 dBm
Transmit Freq Error
44.118 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

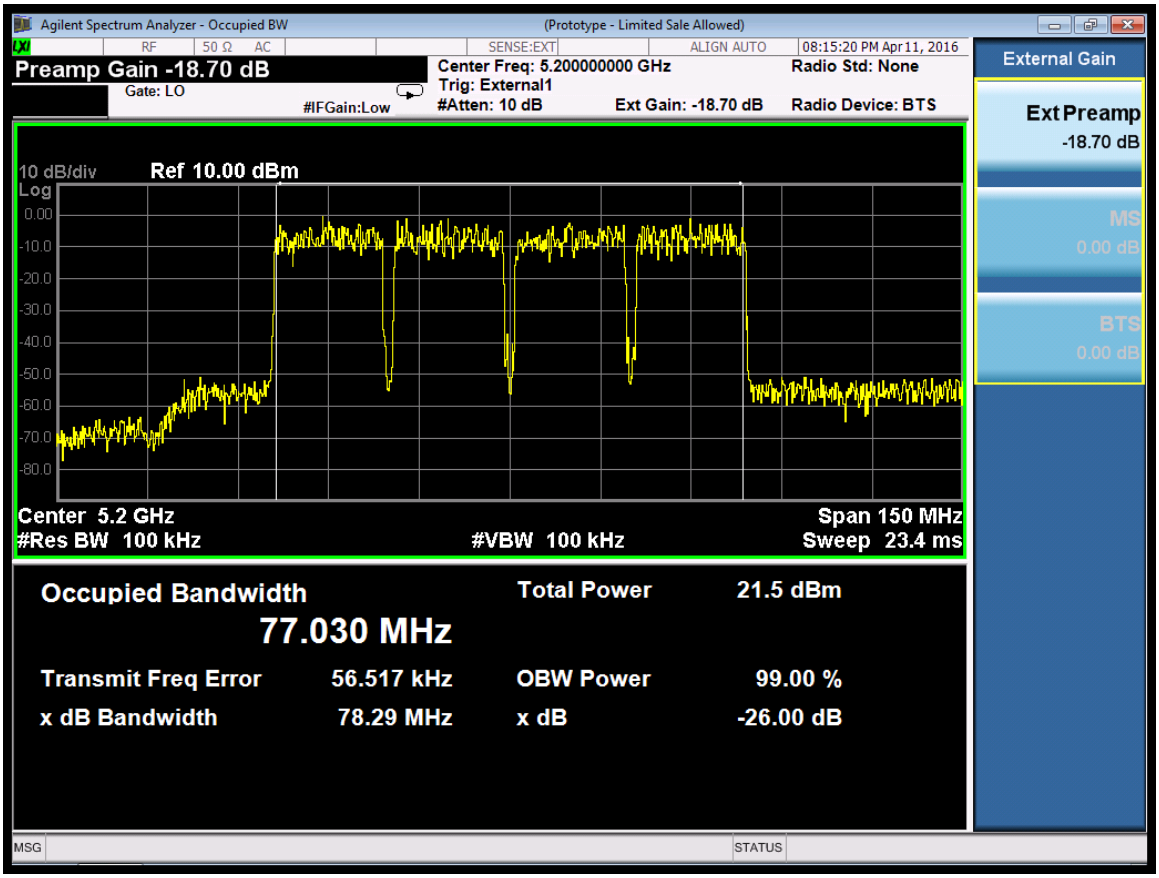

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:40:29 PM Apr 11, 2016
Preamp Gain -19.20 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.20 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.221 MHz
Total Power
21.7 dBm
Transmit Freq Error
-20.973 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS

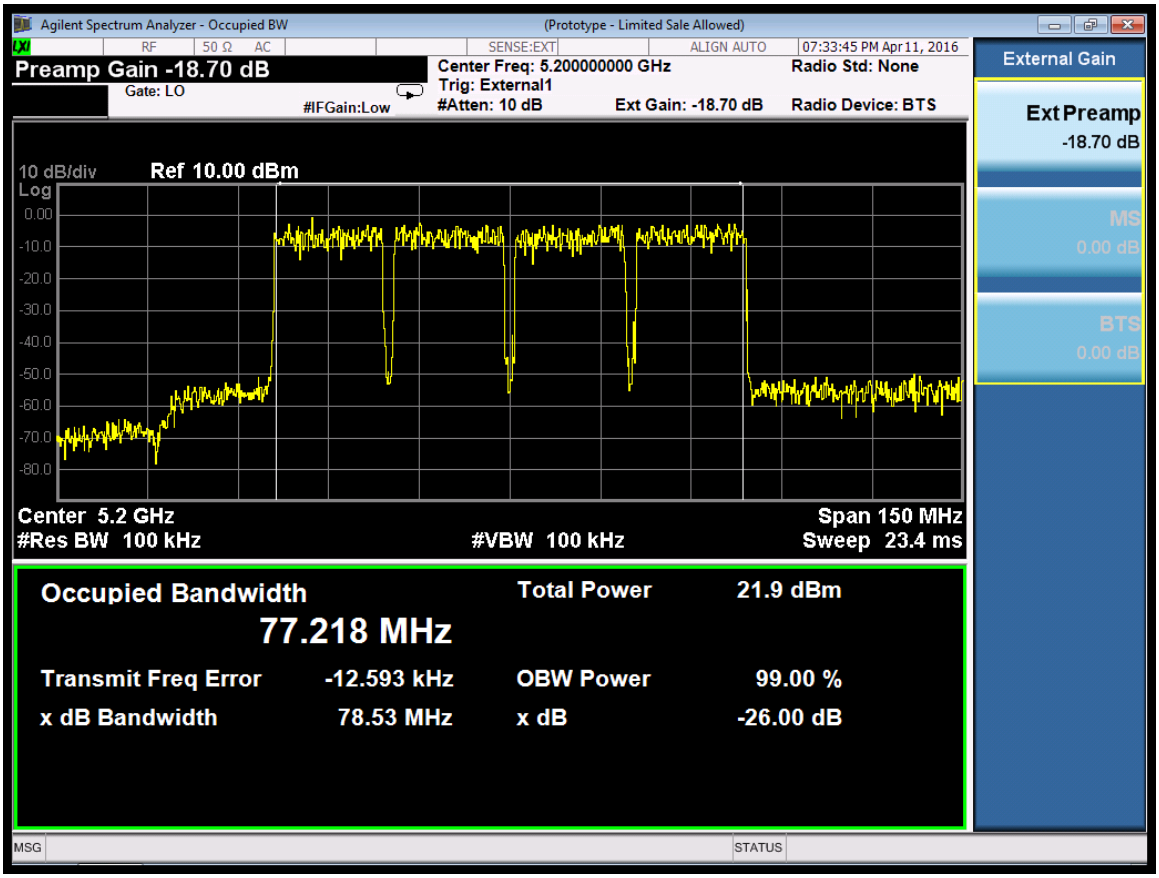

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:37:11 PM Apr 12, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.926 MHz
Total Power
21.4 dBm
Transmit Freq Error
8.145 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS

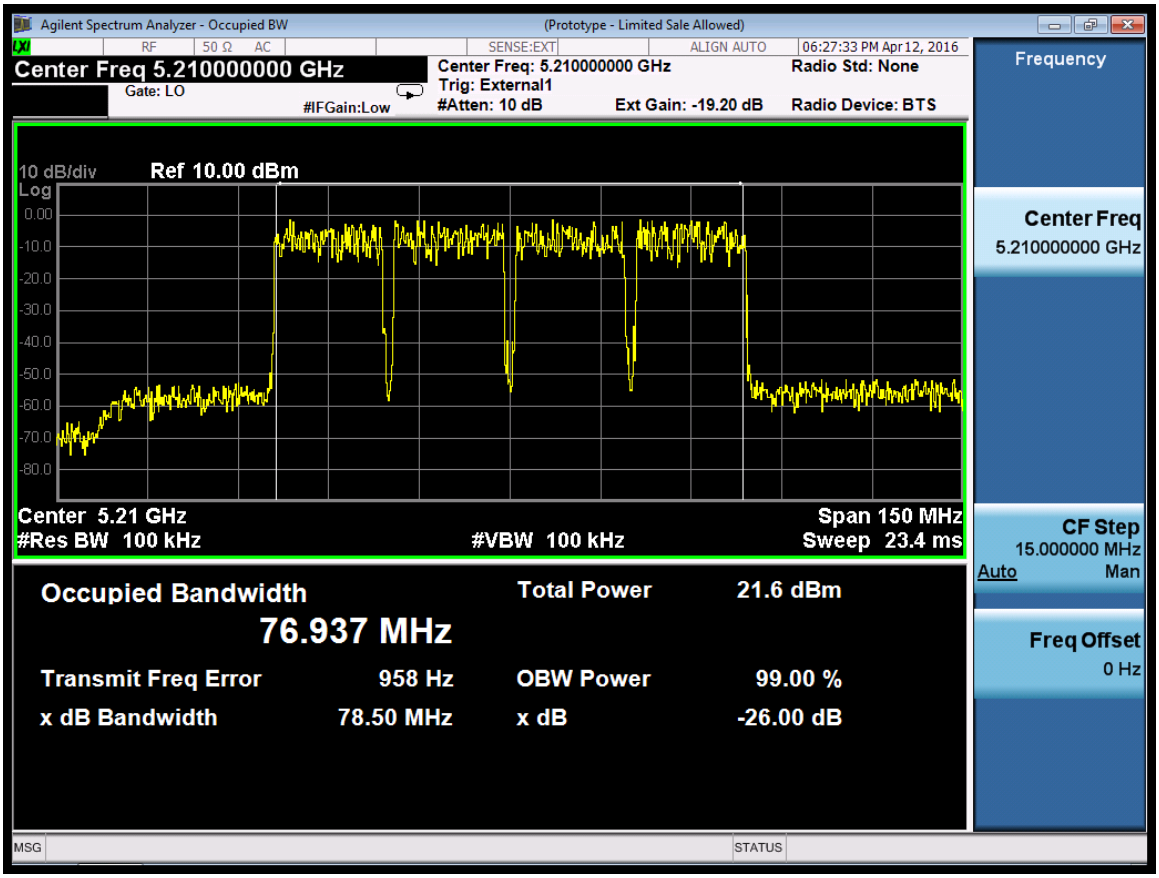

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:14:13 PM Apr 11, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.047 MHz
Total Power
21.6 dBm
Transmit Freq Error
43.954 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

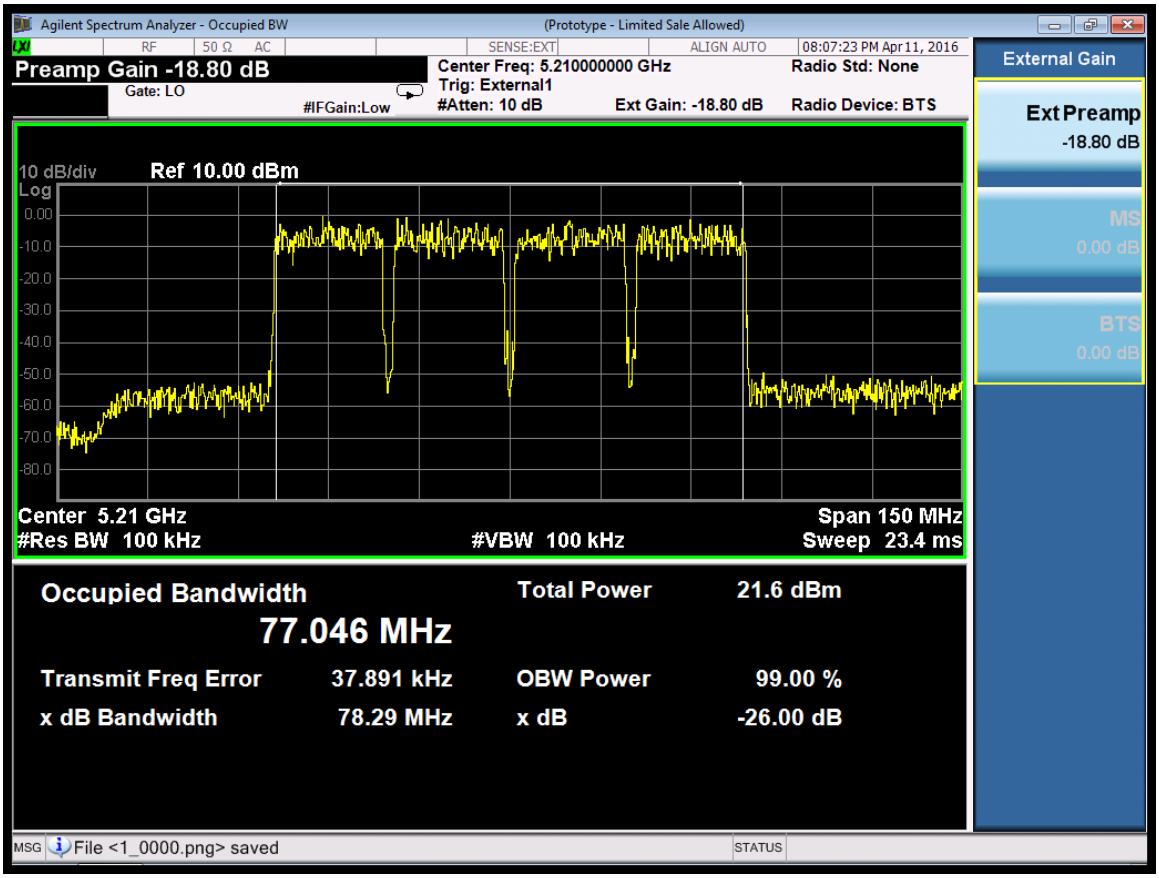

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:38:28 PM Apr 11, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.224 MHz
Total Power
21.6 dBm
Transmit Freq Error
-21.300 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS

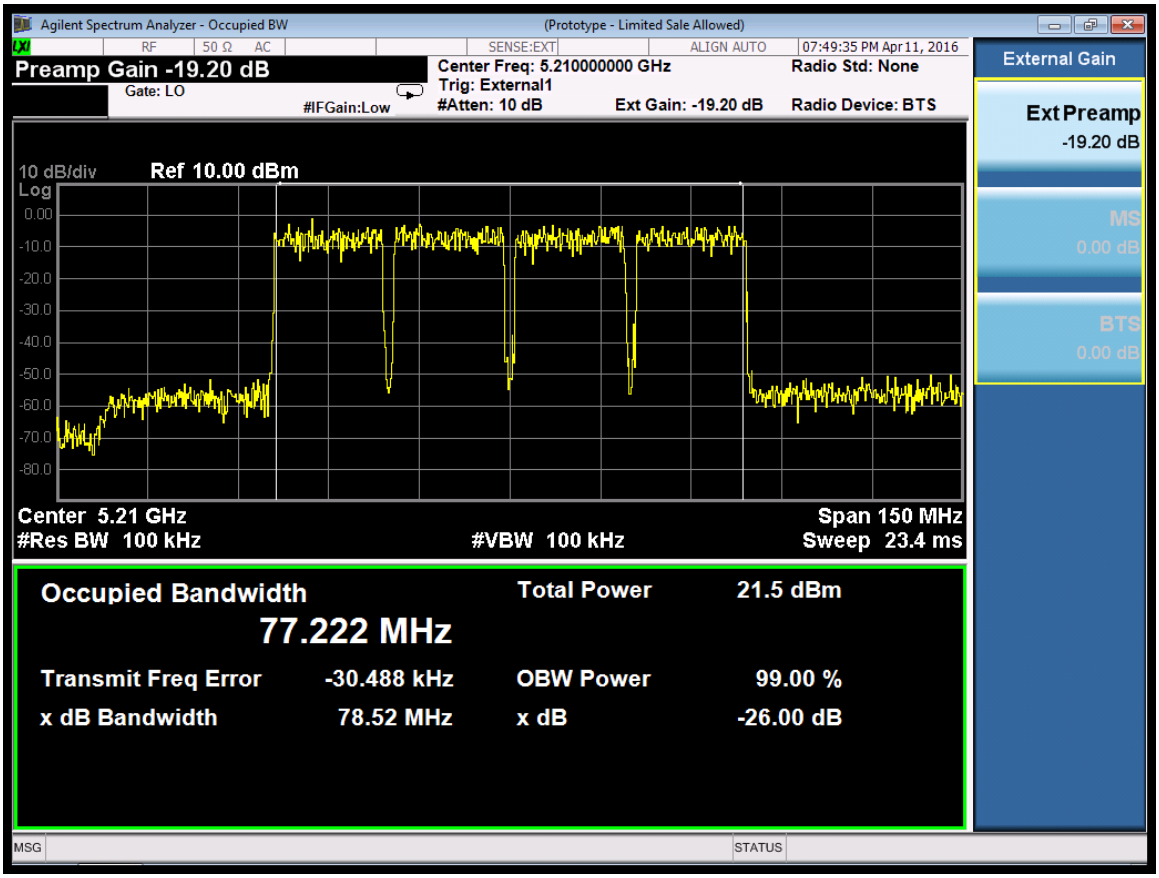

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:35:07 PM Apr 12, 2016
Preamp Gain -18.70 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.70 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.70 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.925 MHz
Total Power
21.9 dBm
Transmit Freq Error
15.567 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
Alignment Completed
STATUS

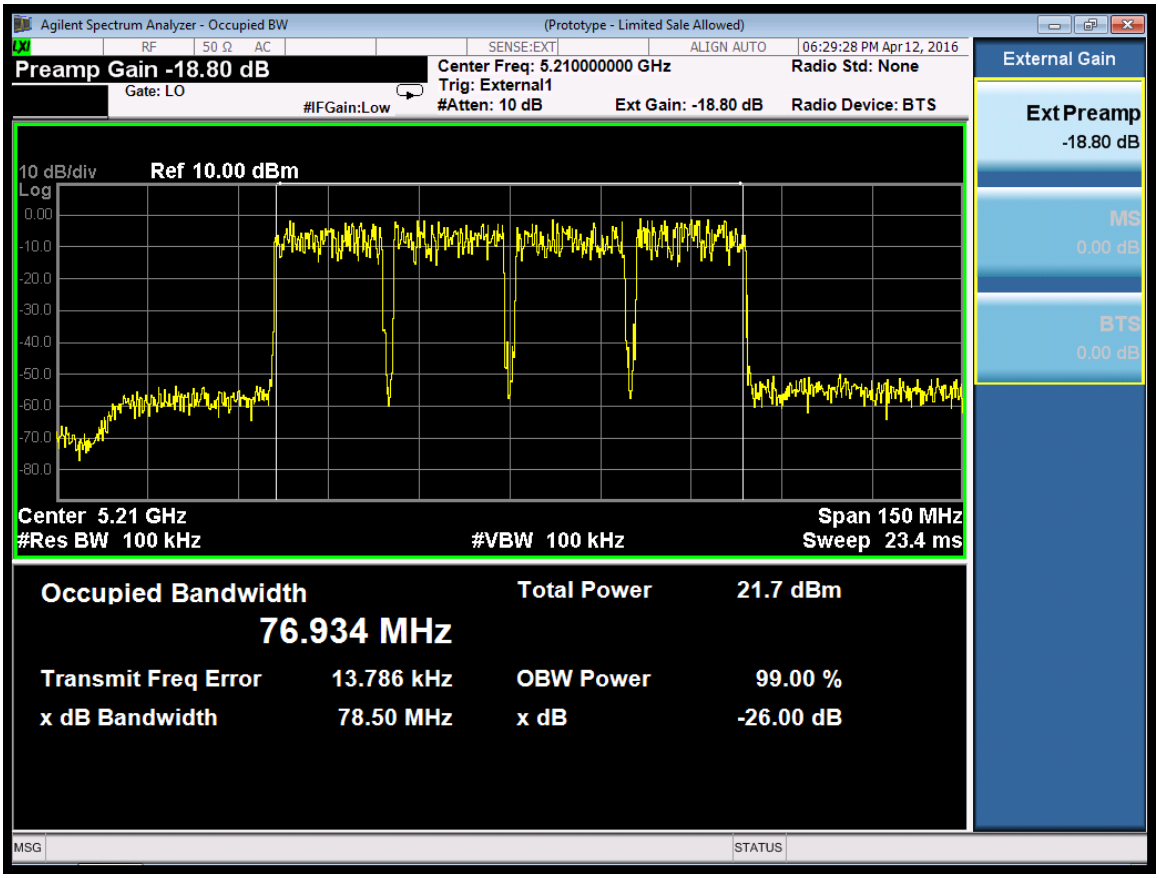

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:15:20 PM Apr 11, 2016
Preamp Gain -18.70 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.70 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.70 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.030 MHz
Total Power
21.5 dBm
Transmit Freq Error
56.517 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

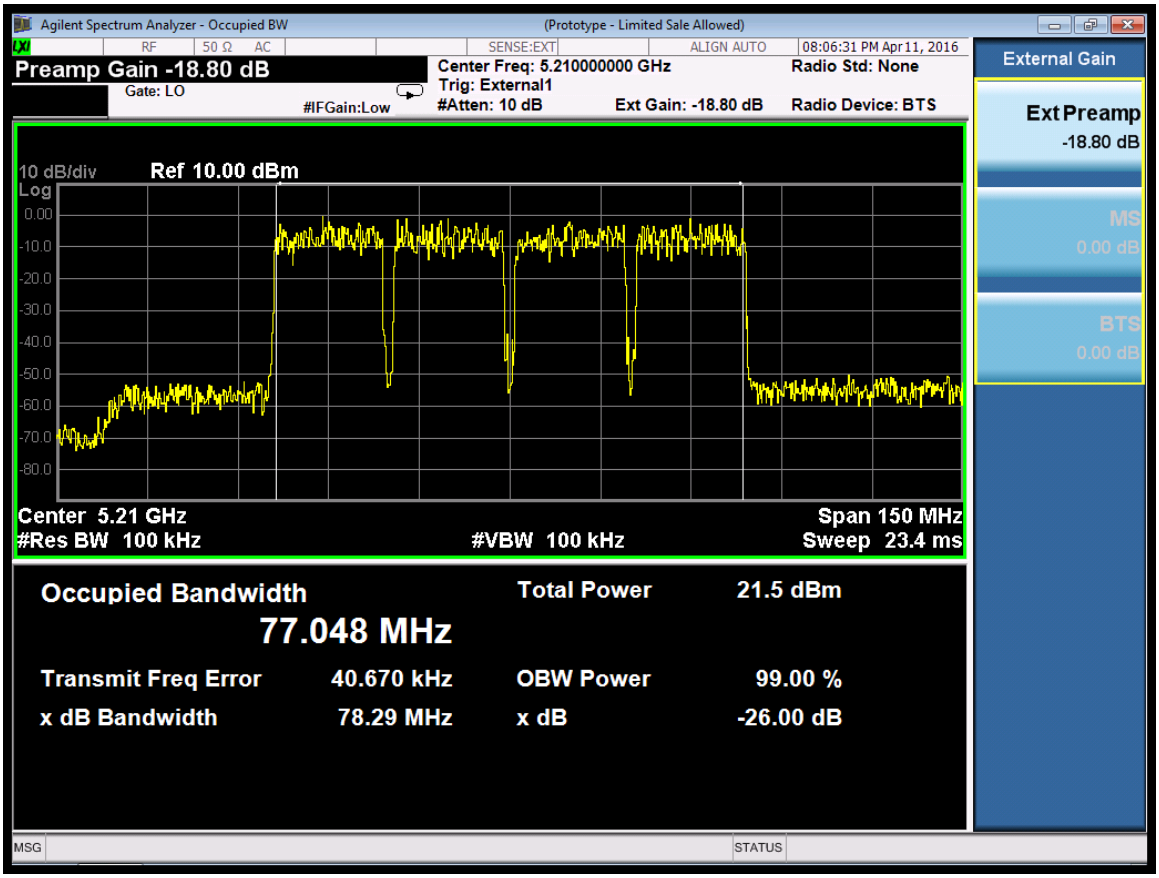

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:33:45 PM Apr 11, 2016
Preamp Gain -18.70 dB
Gate: LO
#IFGain:Low
Center Freq: 5.200000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.70 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.70 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.2 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.218 MHz
Total Power
21.9 dBm
Transmit Freq Error
-12.593 kHz
OBW Power
99.00 %
x dB Bandwidth
78.53 MHz
x dB
-26.00 dB
MSG
STATUS

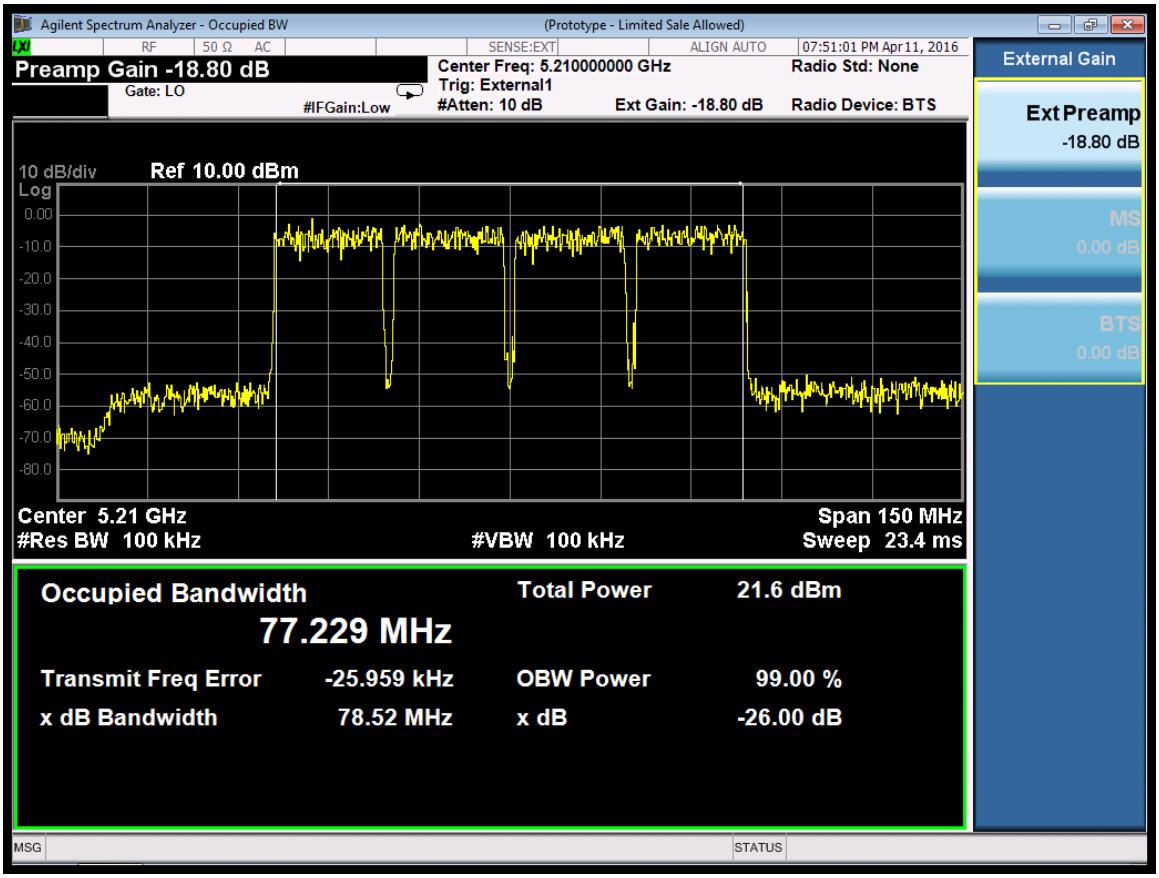

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:27:33 PM Apr 12, 2016
Center Freq 5.210000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.937 MHz
Total Power 21.6 dBm
Transmit Freq Error 958 Hz
OBW Power 99.00 %
x dB Bandwidth 78.50 MHz
x dB -26.00 dB
Center Freq
5.210000000 GHz
CF Step
15.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

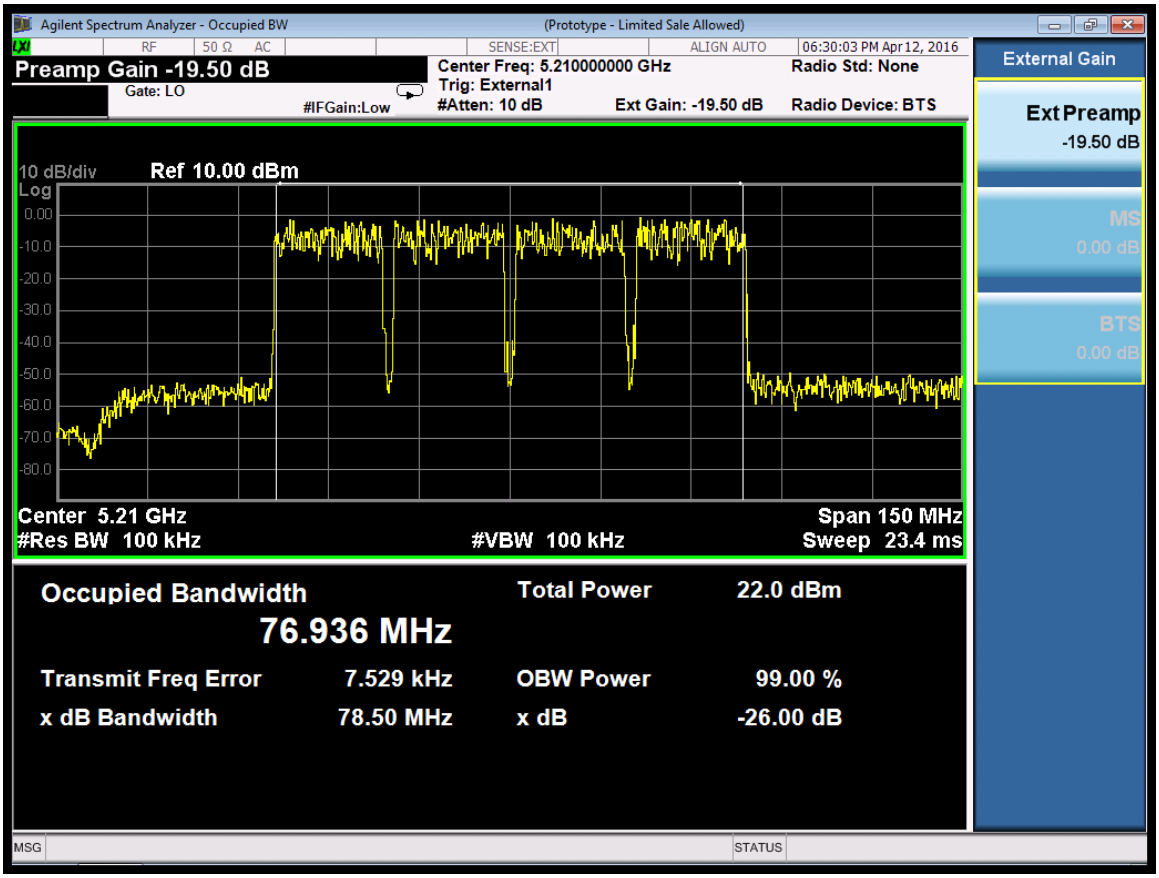

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:07:23 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.046 MHz
Total Power
21.6 dBm
Transmit Freq Error
37.891 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
File <1_0000.png> saved
STATUS

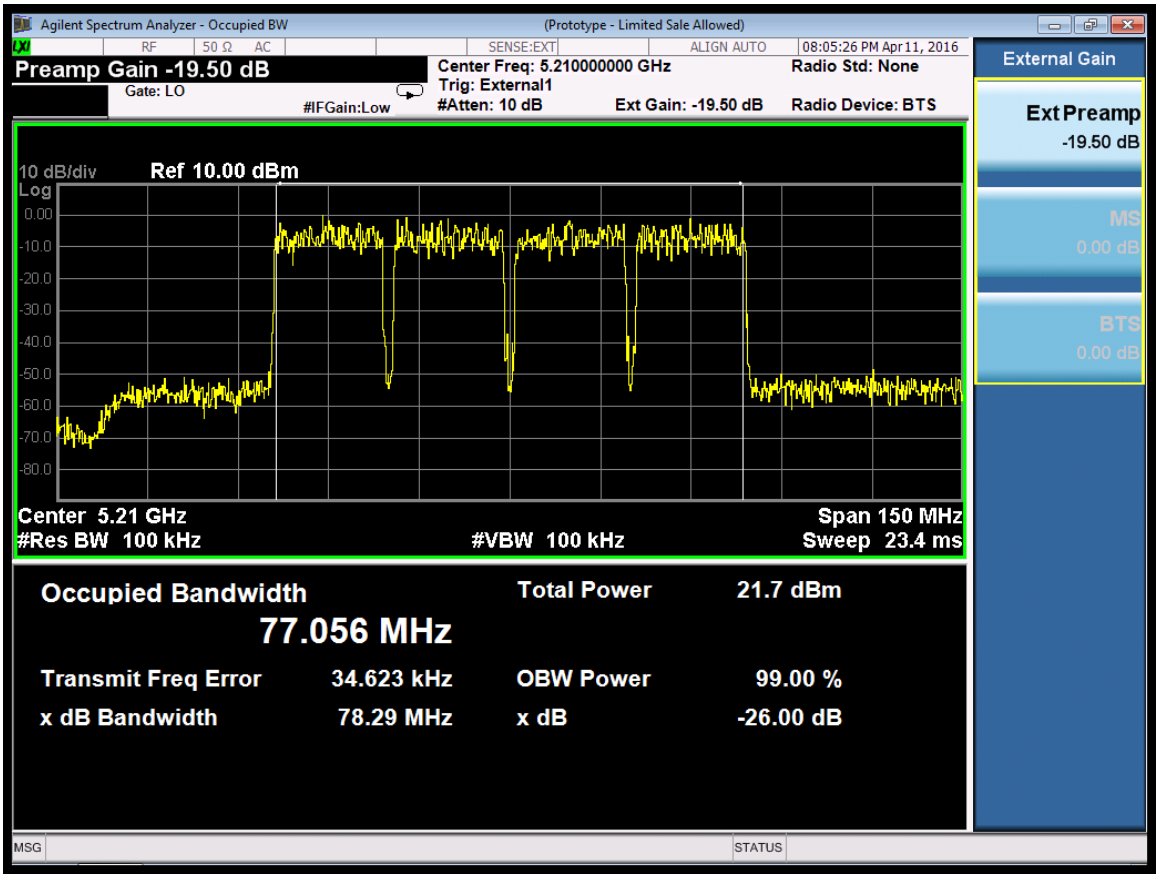

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:49:35 PM Apr 11, 2016
Preamp Gain -19.20 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.20 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.20 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.222 MHz
Total Power
21.5 dBm
Transmit Freq Error
-30.488 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS

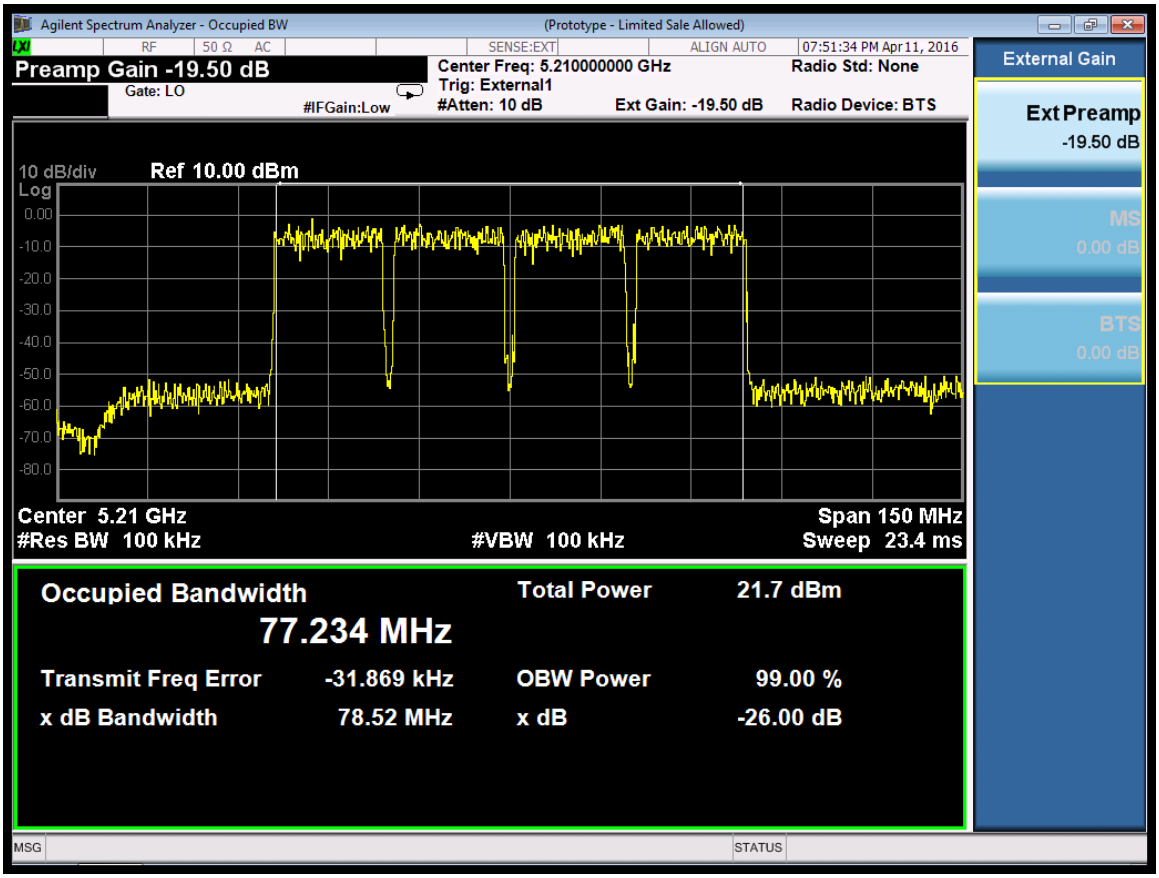

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:29:28 PM Apr 12, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.934 MHz
Total Power
21.7 dBm
Transmit Freq Error
13.786 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS

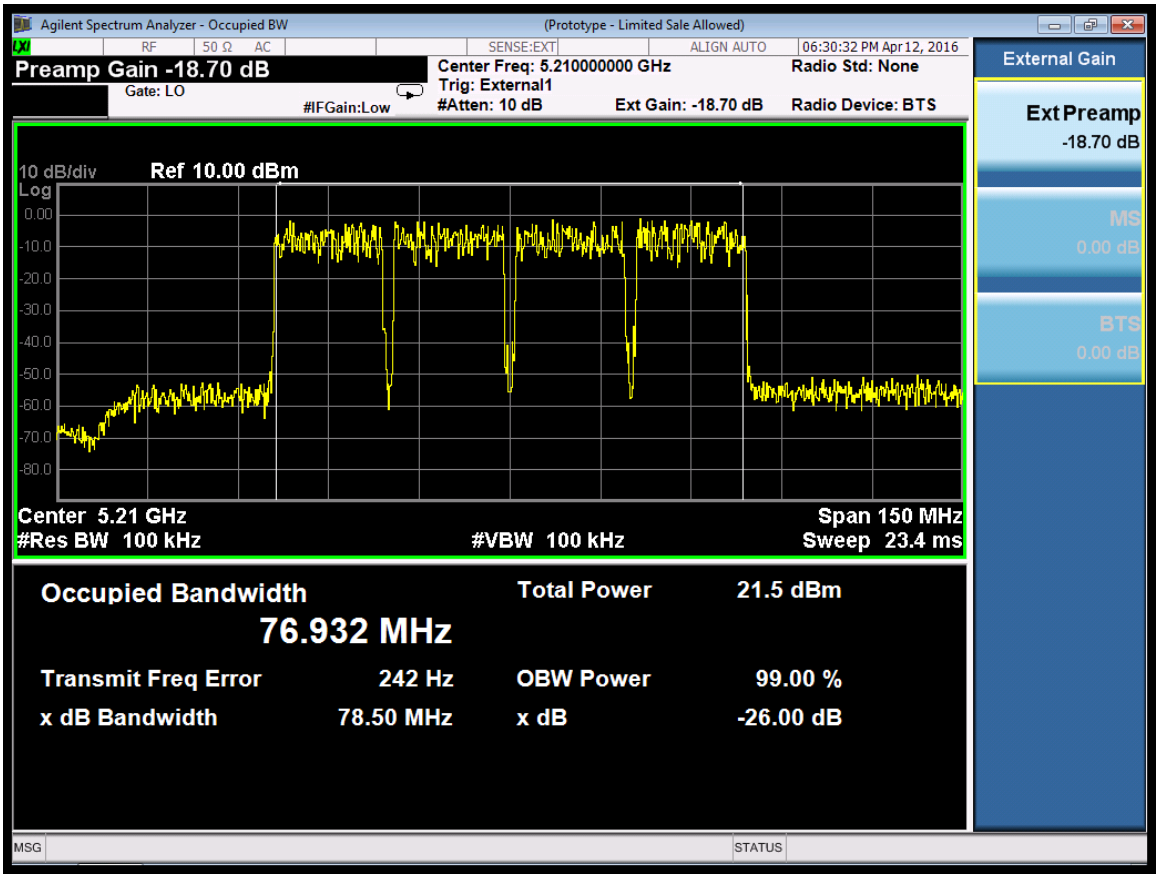

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:06:31 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.048 MHz
Total Power
21.5 dBm
Transmit Freq Error
40.670 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS

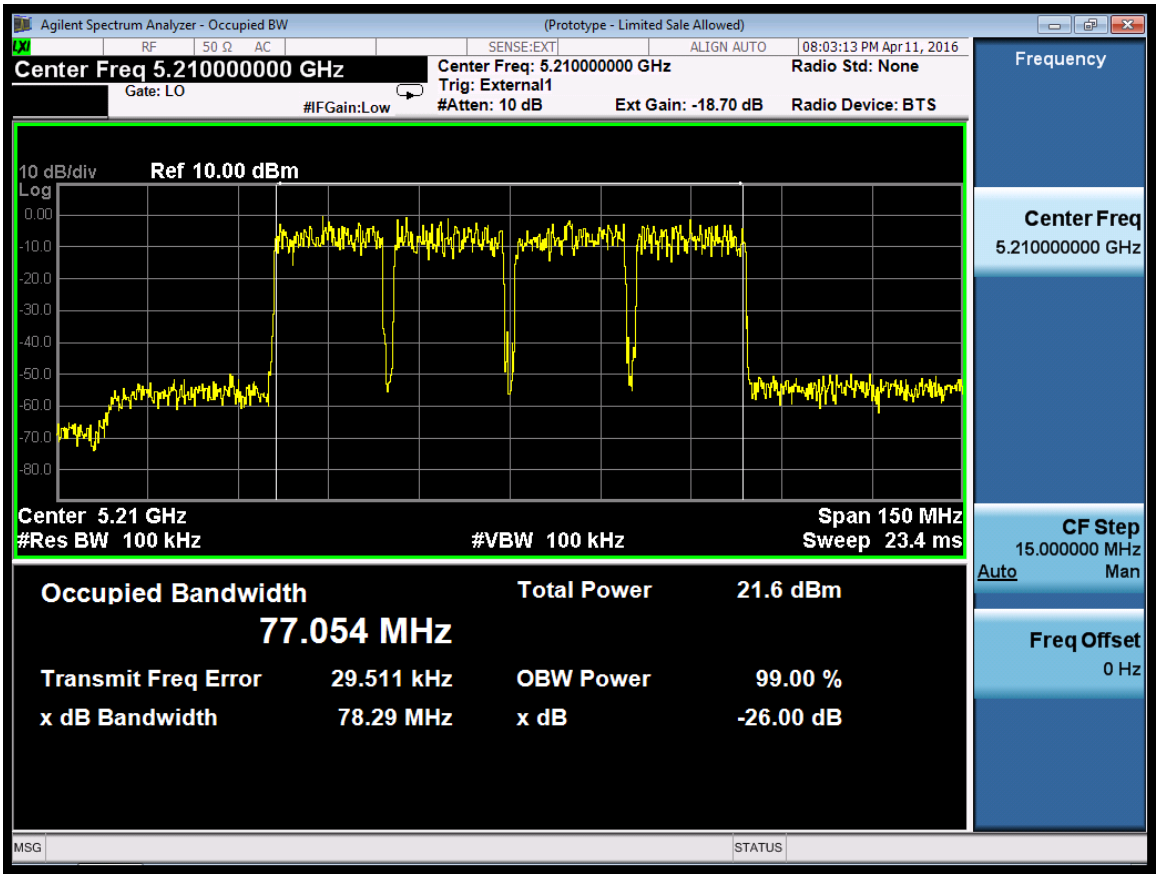

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:51:01 PM Apr 11, 2016
Preamp Gain -18.80 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.80 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.80 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.229 MHz
Total Power
21.6 dBm
Transmit Freq Error
-25.959 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS

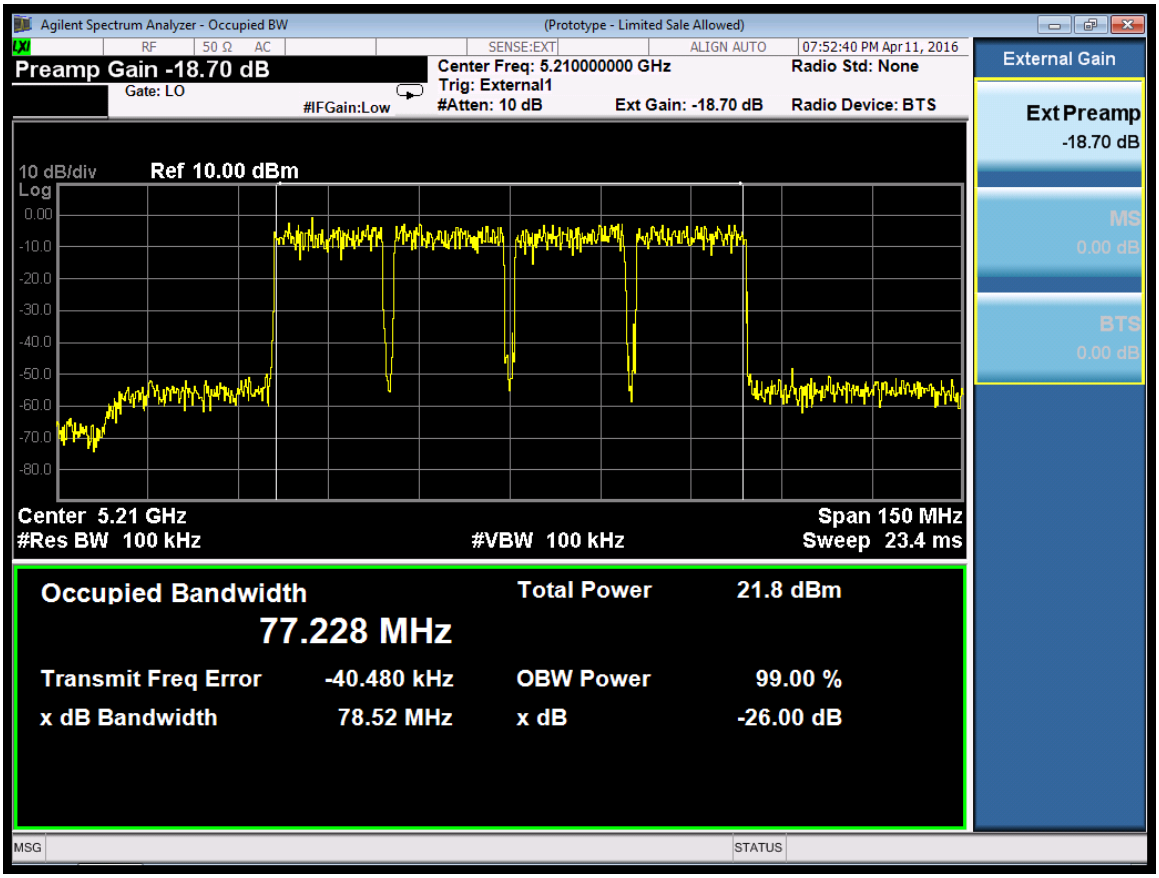

Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:30:03 PM Apr 12, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.936 MHz
Total Power
22.0 dBm
Transmit Freq Error
7.529 kHz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:05:26 PM Apr 11, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.056 MHz
Total Power
21.7 dBm
Transmit Freq Error
34.623 kHz
OBW Power
99.00 %
x dB Bandwidth
78.29 MHz
x dB
-26.00 dB
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:51:34 PM Apr 11, 2016
Preamp Gain -19.50 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -19.50 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-19.50 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.234 MHz
Total Power
21.7 dBm
Transmit Freq Error
-31.869 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
06:30:32 PM Apr 12, 2016
Preamp Gain -18.70 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.70 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.70 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
76.932 MHz
Total Power
21.5 dBm
Transmit Freq Error
242 Hz
OBW Power
99.00 %
x dB Bandwidth
78.50 MHz
x dB
-26.00 dB
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
08:03:13 PM Apr 11, 2016
Center Freq 5.210000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.70 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.054 MHz
Total Power 21.6 dBm
Transmit Freq Error 29.511 kHz
OBW Power 99.00 %
x dB Bandwidth 78.29 MHz
x dB -26.00 dB
Center Freq
5.210000000 GHz
CF Step
15.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
(Prototype - Limited Sale Allowed)
RF
50 Ω AC
SENSE:EXT
ALIGN AUTO
07:52:40 PM Apr 11, 2016
Preamp Gain -18.70 dB
Gate: LO
#IFGain:Low
Center Freq: 5.210000000 GHz
Trig: External1
#Atten: 10 dB
Ext Gain: -18.70 dB
Radio Std: None
Radio Device: BTS
External Gain
Ext Preamp
-18.70 dB
MS
0.00 dB
BTS
0.00 dB
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
Center 5.21 GHz
#Res BW 100 kHz
#VBW 100 kHz
Span 150 MHz
Sweep 23.4 ms
Occupied Bandwidth
77.228 MHz
Total Power
21.8 dBm
Transmit Freq Error
-40.480 kHz
OBW Power
99.00 %
x dB Bandwidth
78.52 MHz
x dB
-26.00 dB
MSG
STATUS