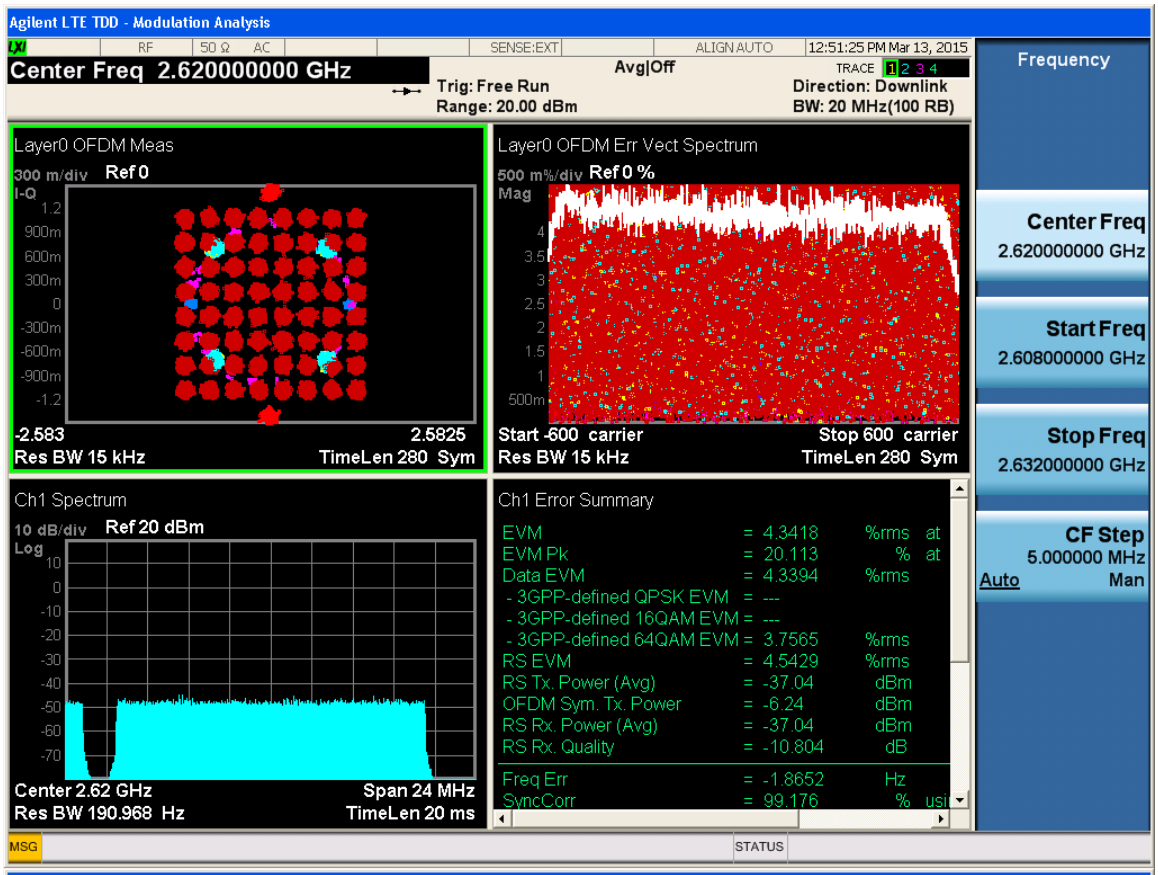
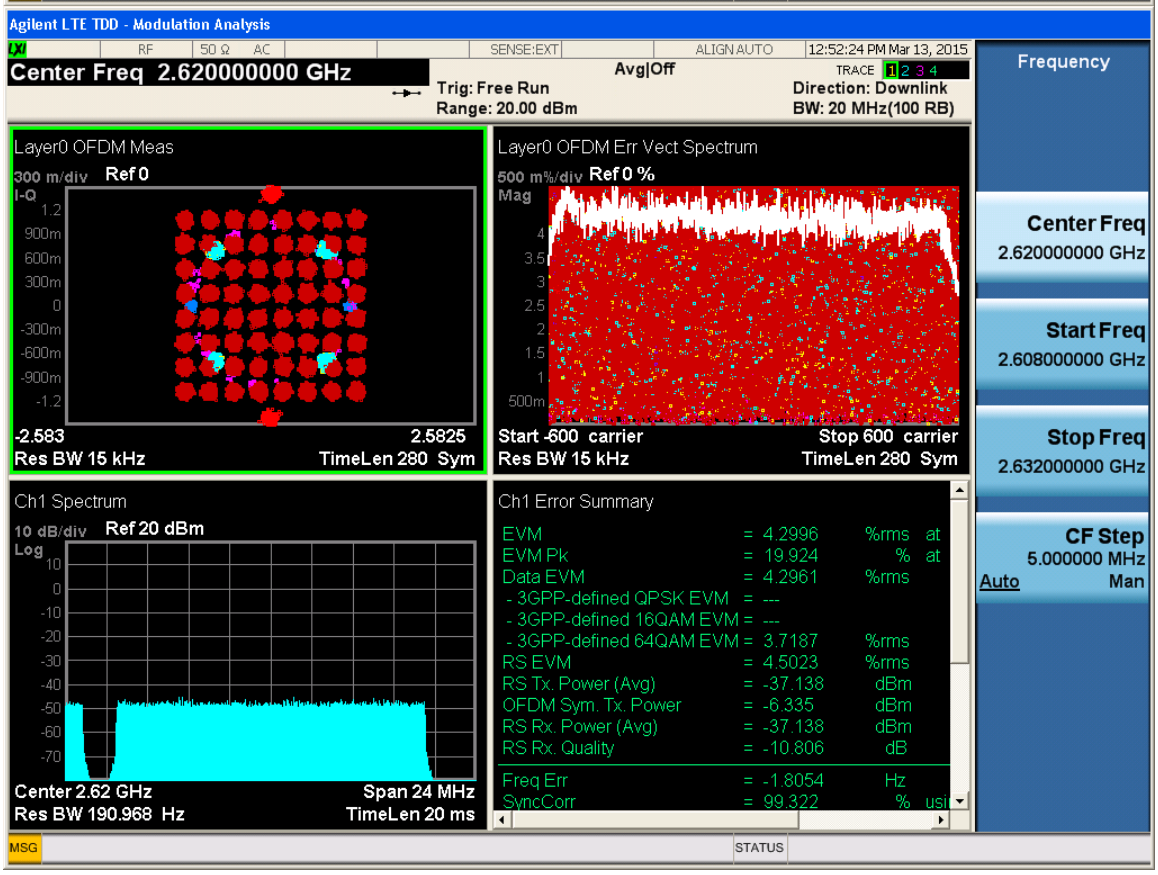
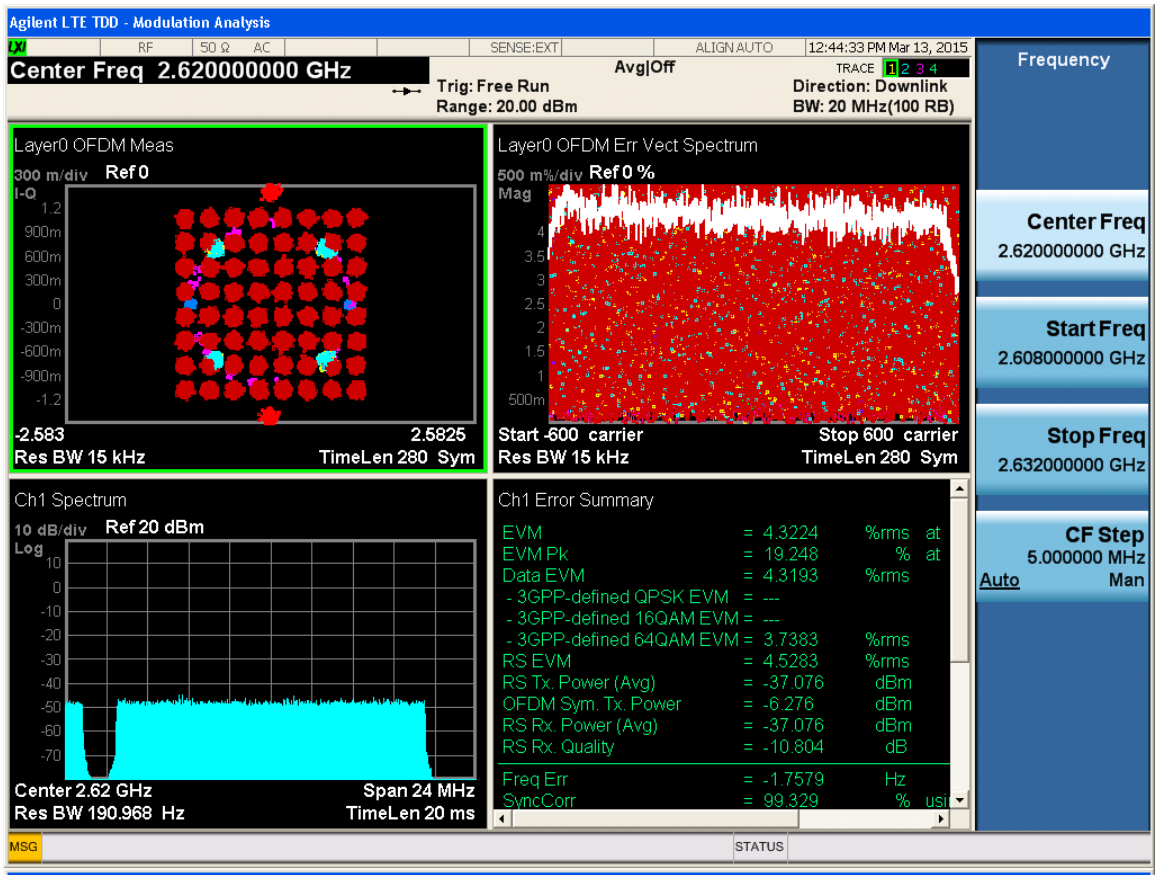
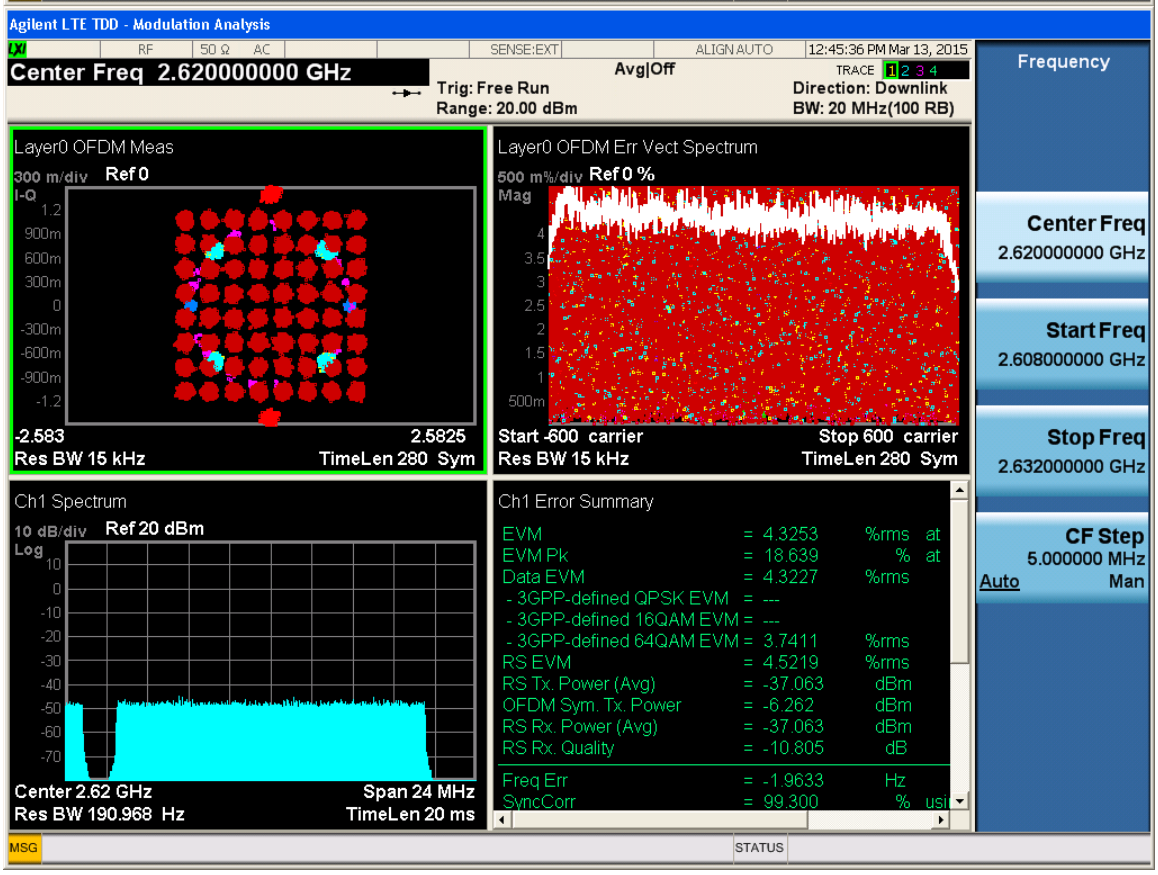
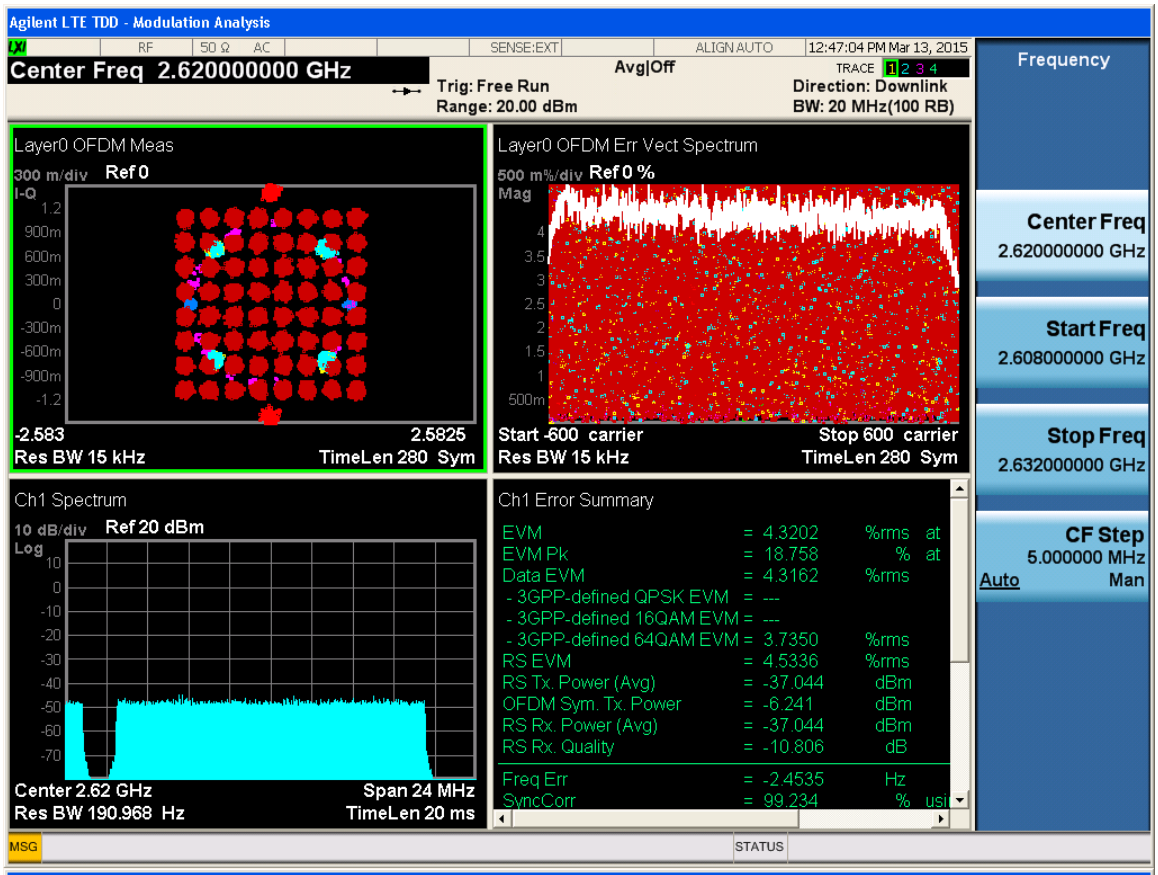
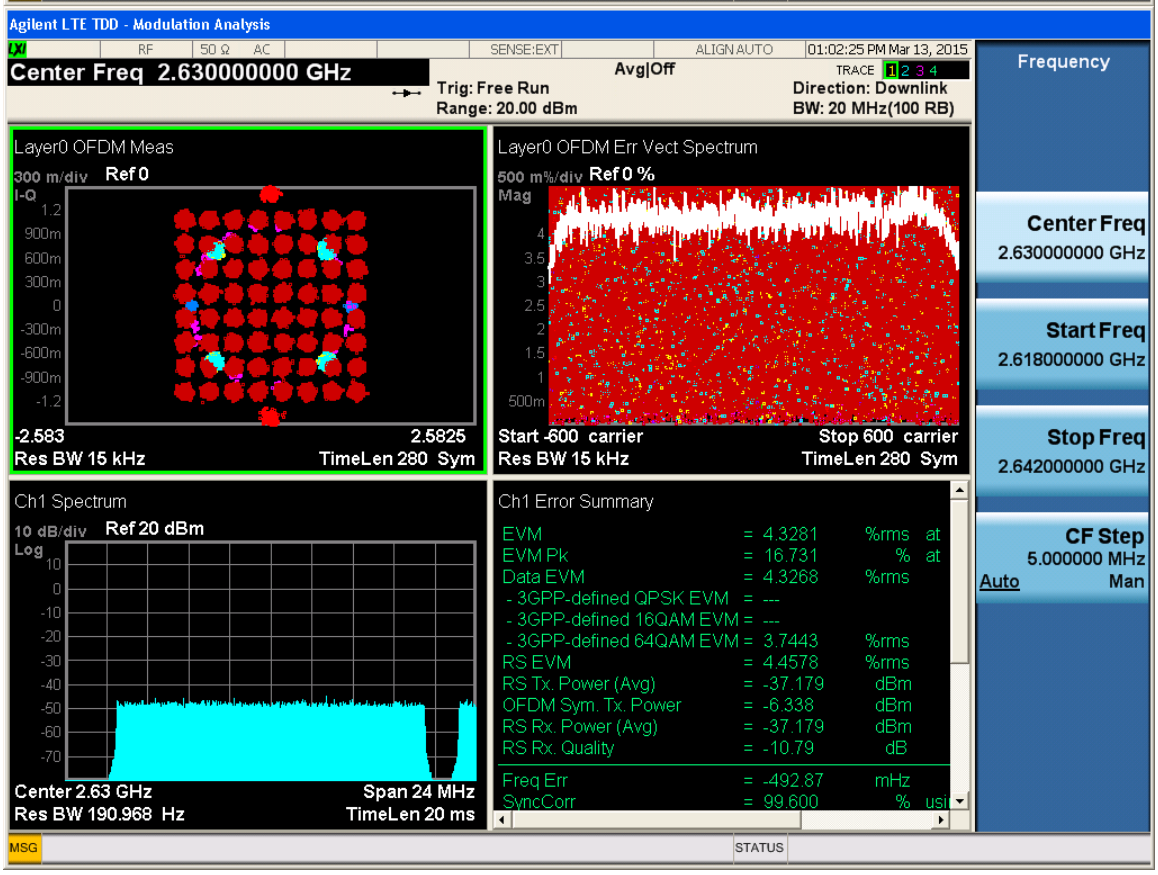

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
12:51:25 PM Mar 13, 2015
Center Freq 2.620000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.620000000 GHz
Start Freq
2.608000000 GHz
Stop Freq
2.632000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.62 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3418 %rms at
EVM Pk = 20.113 % at
Data EVM = 4.3394 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7565 %rms
RS EVM = 4.5429 %rms
RS Tx. Power (Avg) = -37.04 dBm
OFDM Sym. Tx. Power = -6.24 dBm
RS Rx. Power (Avg) = -37.04 dBm
RS Rx. Quality = -10.804 dB
Freq Err = -1.8652 Hz
SyncCorr = 99.176 %
MSG
STATUS

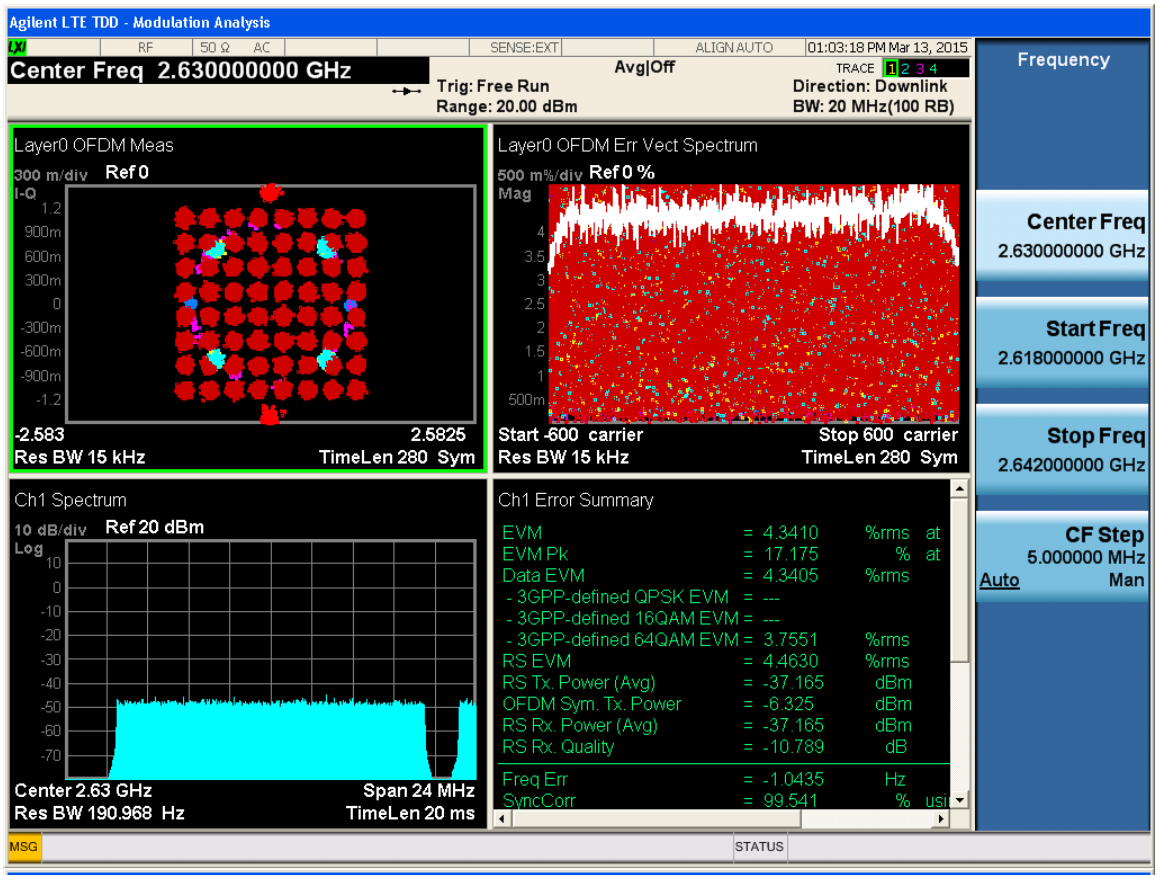

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
12:52:24 PM Mar 13, 2015
Center Freq 2.620000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.620000000 GHz
Start Freq
2.608000000 GHz
Stop Freq
2.632000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.62 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2996 %rms at
EVM Pk = 19.924 % at
Data EVM = 4.2961 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7187 %rms
RS EVM = 4.5023 %rms
RS Tx. Power (Avg) = -37.138 dBm
OFDM Sym. Tx. Power = -6.335 dBm
RS Rx. Power (Avg) = -37.138 dBm
RS Rx. Quality = -10.806 dB
Freq Err = -1.8054 Hz
SyncCorr = 99.322 %
MSG
STATUS

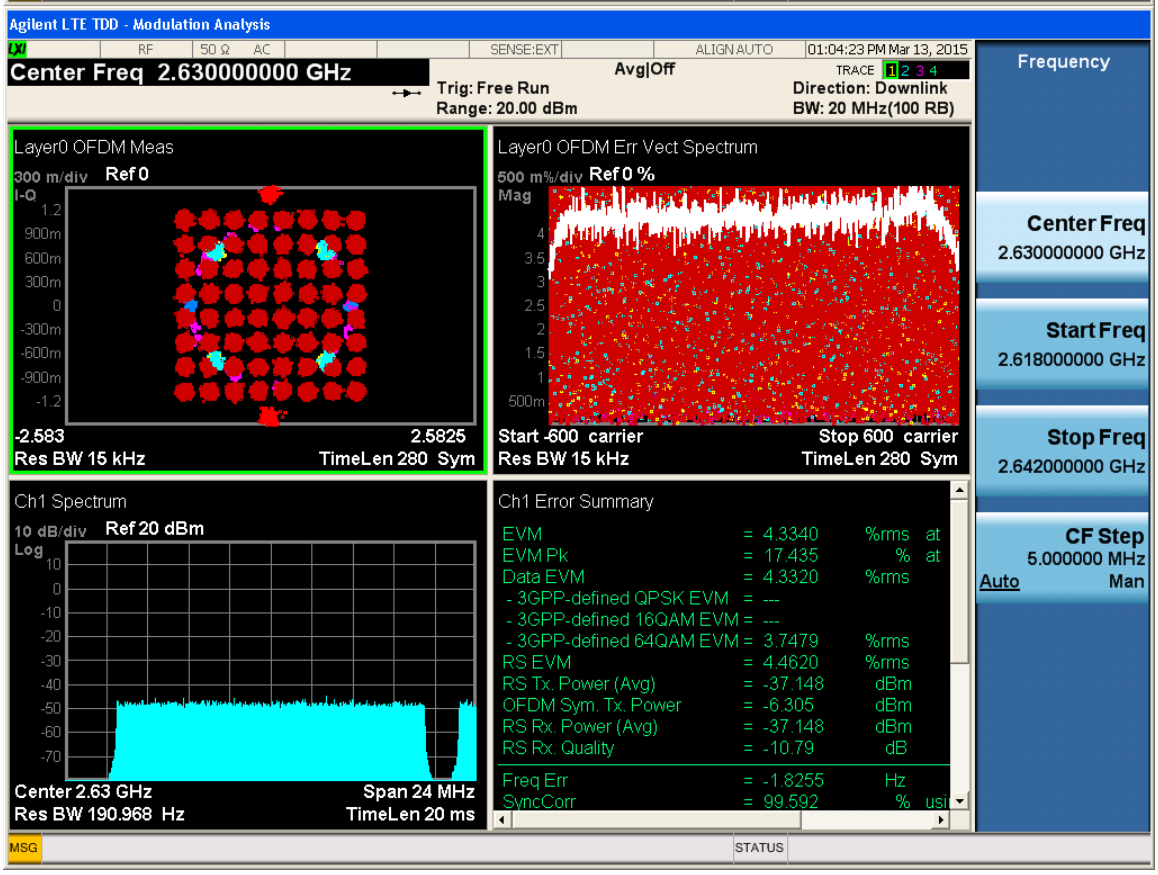

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
12:44:33 PM Mar 13, 2015
Center Freq 2.620000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.62 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3224 %rms at
EVM Pk = 19.248 % at
Data EVM = 4.3193 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7383 %rms
RS EVM = 4.5283 %rms
RS Tx. Power (Avg) = -37.076 dBm
OFDM Sym. Tx. Power = -6.276 dBm
RS Rx. Power (Avg) = -37.076 dBm
RS Rx. Quality = -10.804 dB
Freq Err = -1.7579 Hz
SyncCorr = 99.329 %
Center Freq
2.620000000 GHz
Start Freq
2.608000000 GHz
Stop Freq
2.632000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

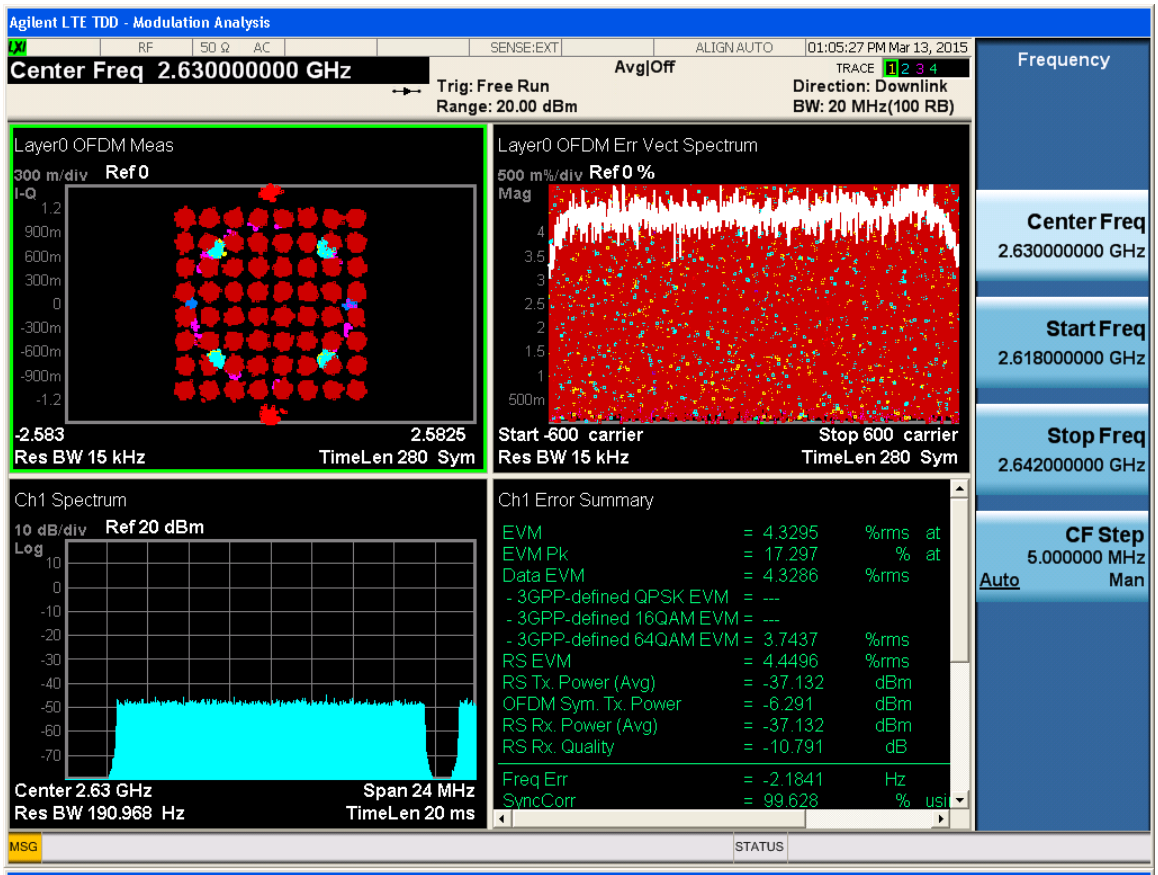

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
12:45:36 PM Mar 13, 2015
Center Freq 2.620000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.62 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3253 %rms at
EVM Pk = 18.639 % at
Data EVM = 4.3227 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7411 %rms
RS EVM = 4.5219 %rms
RS Tx. Power (Avg) = -37.063 dBm
OFDM Sym. Tx. Power = -6.262 dBm
RS Rx. Power (Avg) = -37.063 dBm
RS Rx. Quality = -10.805 dB
Freq Err = -1.9633 Hz
SyncCorr = 99.300 %
Center Freq
2.620000000 GHz
Start Freq
2.608000000 GHz
Stop Freq
2.632000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

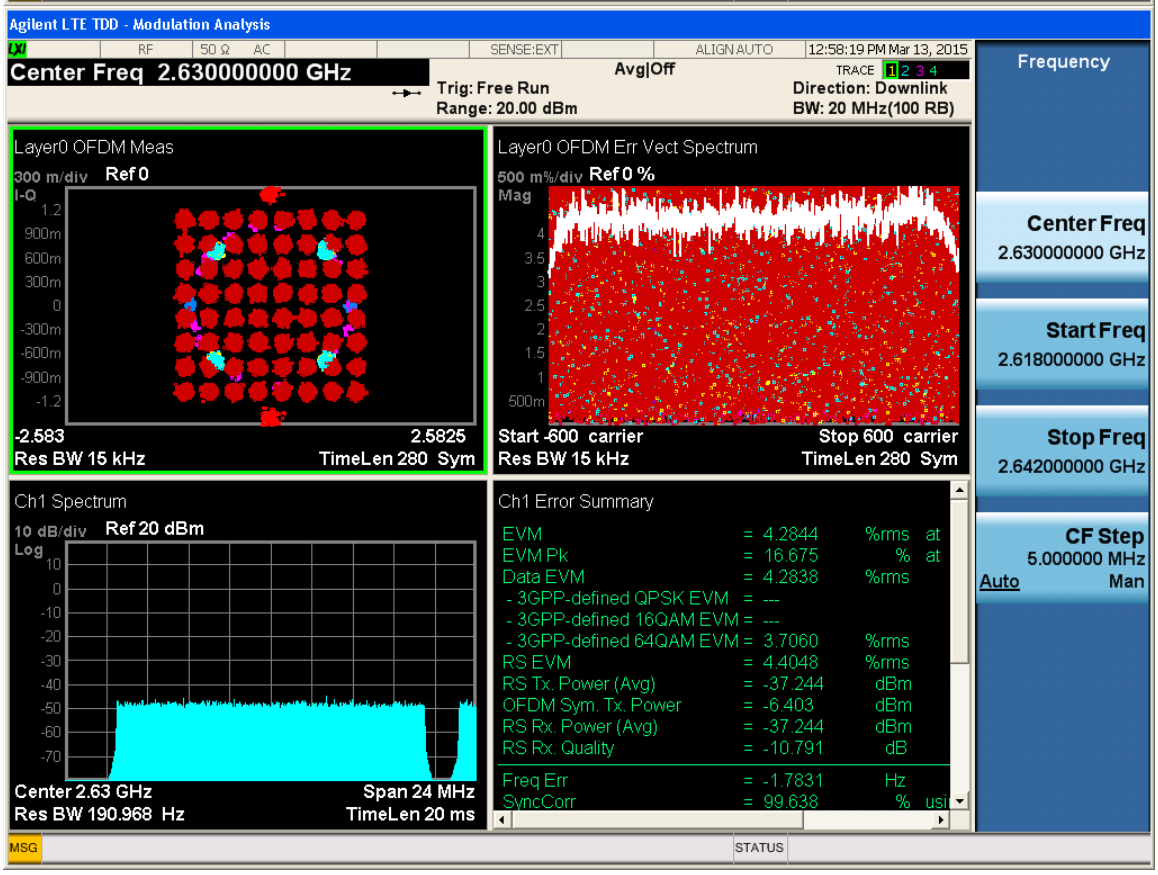

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
12:47:04 PM Mar 13, 2015
Center Freq 2.620000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.620000000 GHz
Start Freq
2.608000000 GHz
Stop Freq
2.632000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.62 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3202 %rms at
EVM Pk = 18.758 % at
Data EVM = 4.3162 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7350 %rms
RS EVM = 4.5336 %rms
RS Tx. Power (Avg) = -37.044 dBm
OFDM Sym. Tx. Power = -6.241 dBm
RS Rx. Power (Avg) = -37.044 dBm
RS Rx. Quality = -10.806 dB
Freq Err = -2.4535 Hz
SyncCorr = 99.234 %
MSG
STATUS

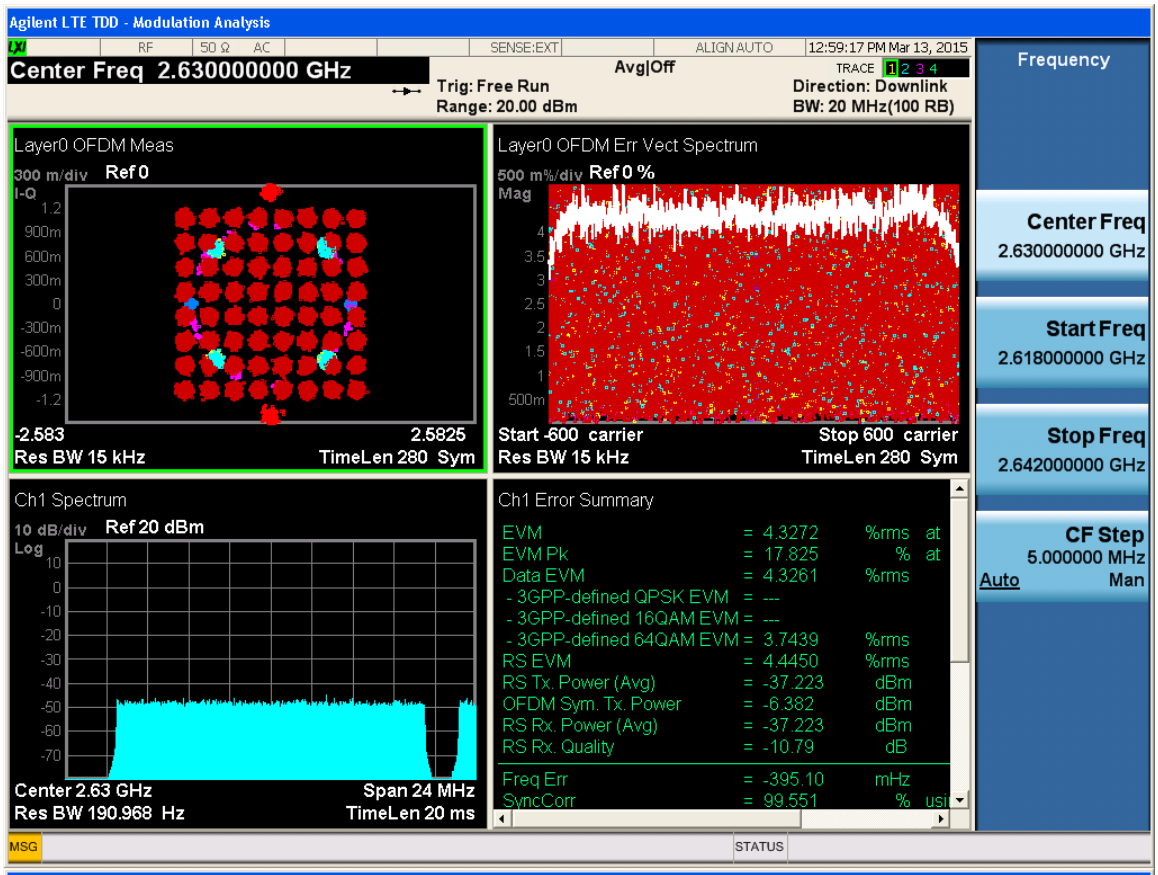

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:02:25 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3281 %rms at
EVM Pk = 16.731 % at
Data EVM = 4.3268 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7443 %rms
RS EVM = 4.4578 %rms
RS Tx. Power (Avg) = -37.179 dBm
OFDM Sym. Tx. Power = -6.338 dBm
RS Rx. Power (Avg) = -37.179 dBm
RS Rx. Quality = -10.79 dB
Freq Err = -492.87 mHz
SyncCorr = 99.600 %
MSG
STATUS

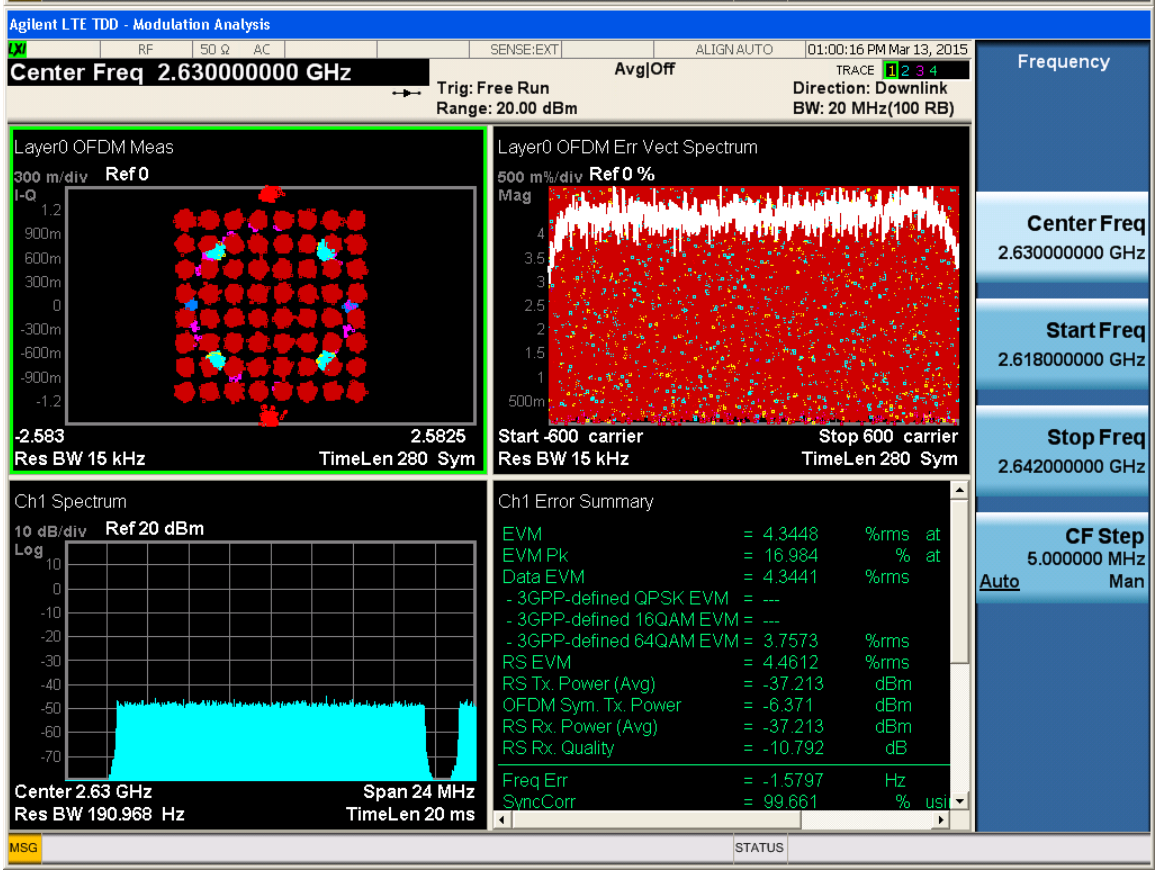

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:03:18 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3410 %rms at
EVM Pk = 17.175 % at
Data EVM = 4.3405 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7551 %rms
RS EVM = 4.4630 %rms
RS Tx. Power (Avg) = -37.165 dBm
OFDM Sym. Tx. Power = -6.325 dBm
RS Rx. Power (Avg) = -37.165 dBm
RS Rx. Quality = -10.789 dB
Freq Err = -1.0435 Hz
SyncCorr = 99.541 %
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

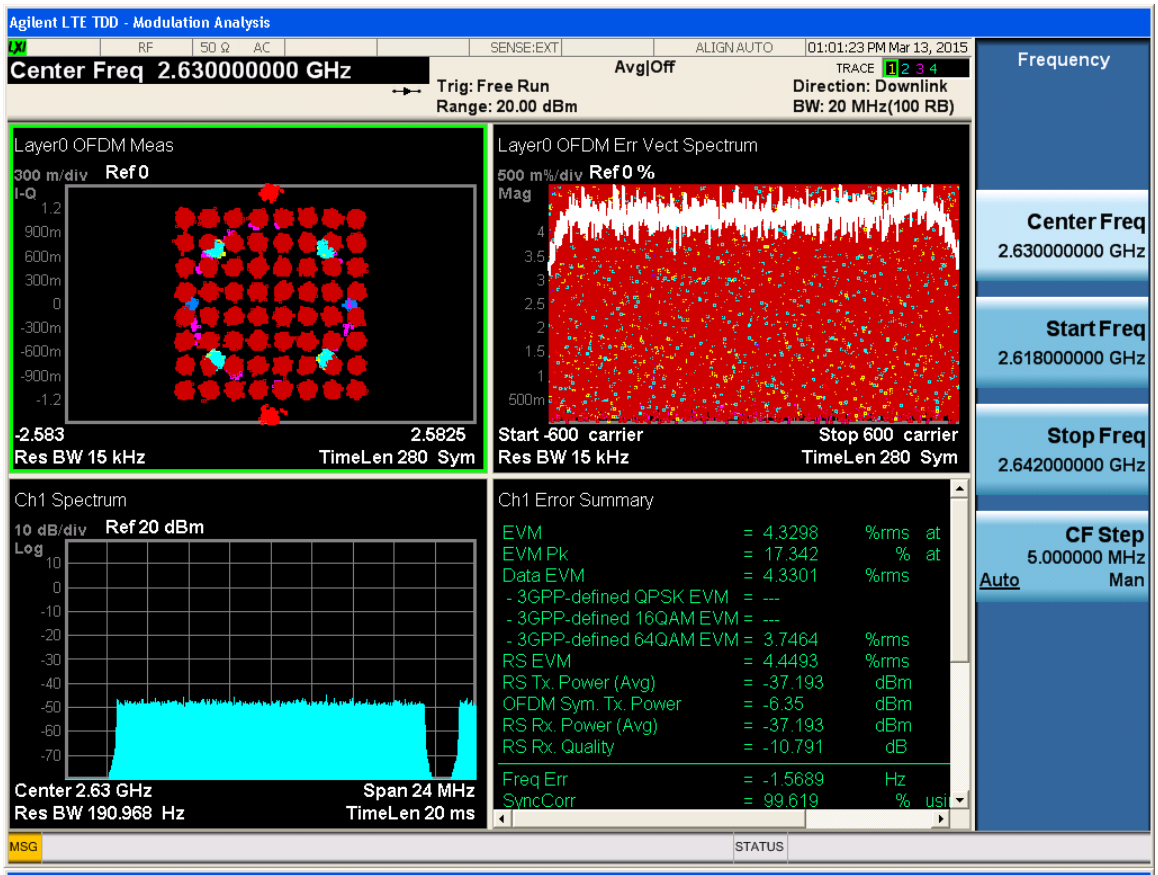

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:04:23 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3340 %rms at
EVM Pk = 17.435 % at
Data EVM = 4.3320 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7479 %rms
RS EVM = 4.4620 %rms
RS Tx. Power (Avg) = -37.148 dBm
OFDM Sym. Tx. Power = -6.305 dBm
RS Rx. Power (Avg) = -37.148 dBm
RS Rx. Quality = -10.79 dB
Freq Err = -1.8255 Hz
SyncCorr = 99.592 %
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

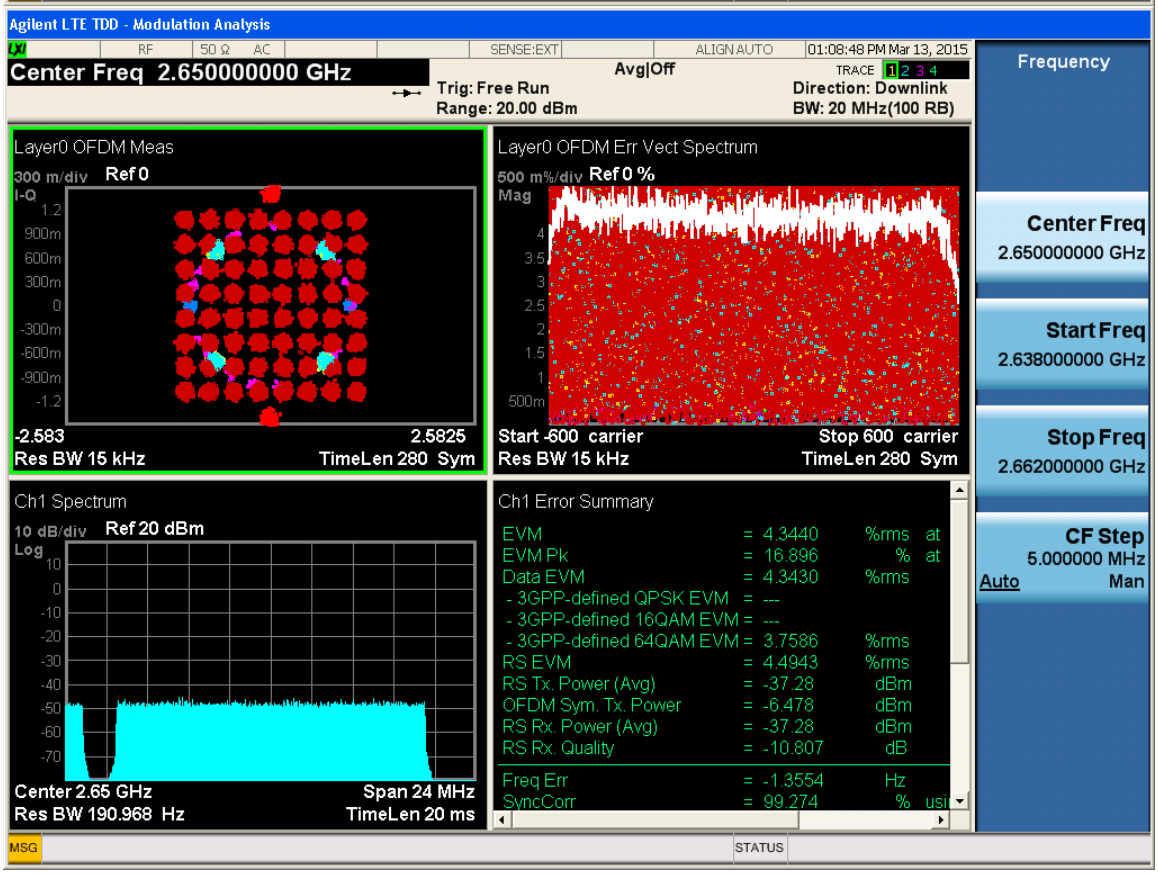

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:05:27 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3295 %rms at
EVM Pk = 17.297 % at
Data EVM = 4.3286 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7437 %rms
RS EVM = 4.4496 %rms
RS Tx. Power (Avg) = -37.132 dBm
OFDM Sym. Tx. Power = -6.291 dBm
RS Rx. Power (Avg) = -37.132 dBm
RS Rx. Quality = -10.791 dB
Freq Err = -2.1841 Hz
SyncCorr = 99.628 %
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

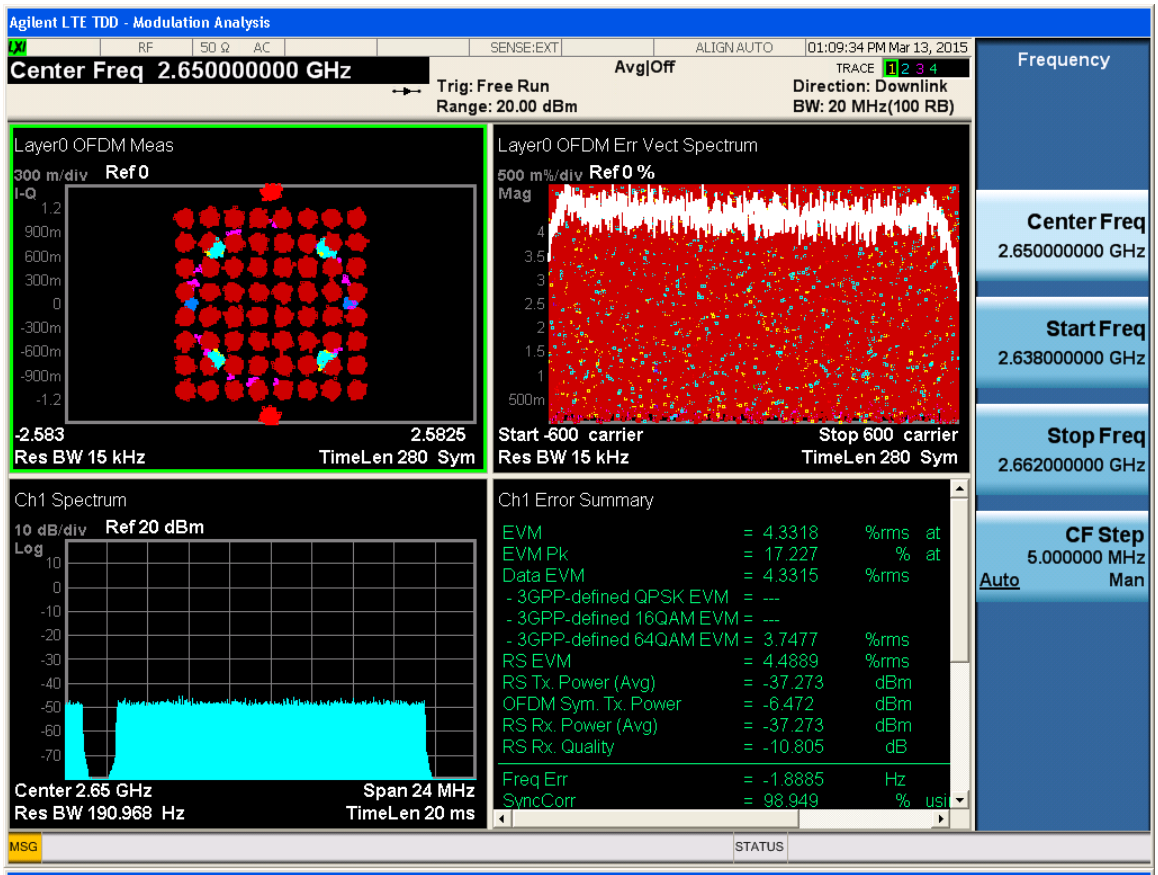

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
12:58:19 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2844 %rms at
EVM Pk = 16.675 % at
Data EVM = 4.2838 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7060 %rms
RS EVM = 4.4048 %rms
RS Tx. Power (Avg) = -37.244 dBm
OFDM Sym. Tx. Power = -6.403 dBm
RS Rx. Power (Avg) = -37.244 dBm
RS Rx. Quality = -10.791 dB
Freq Err = -1.7831 Hz
SyncCorr = 99.638 %
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

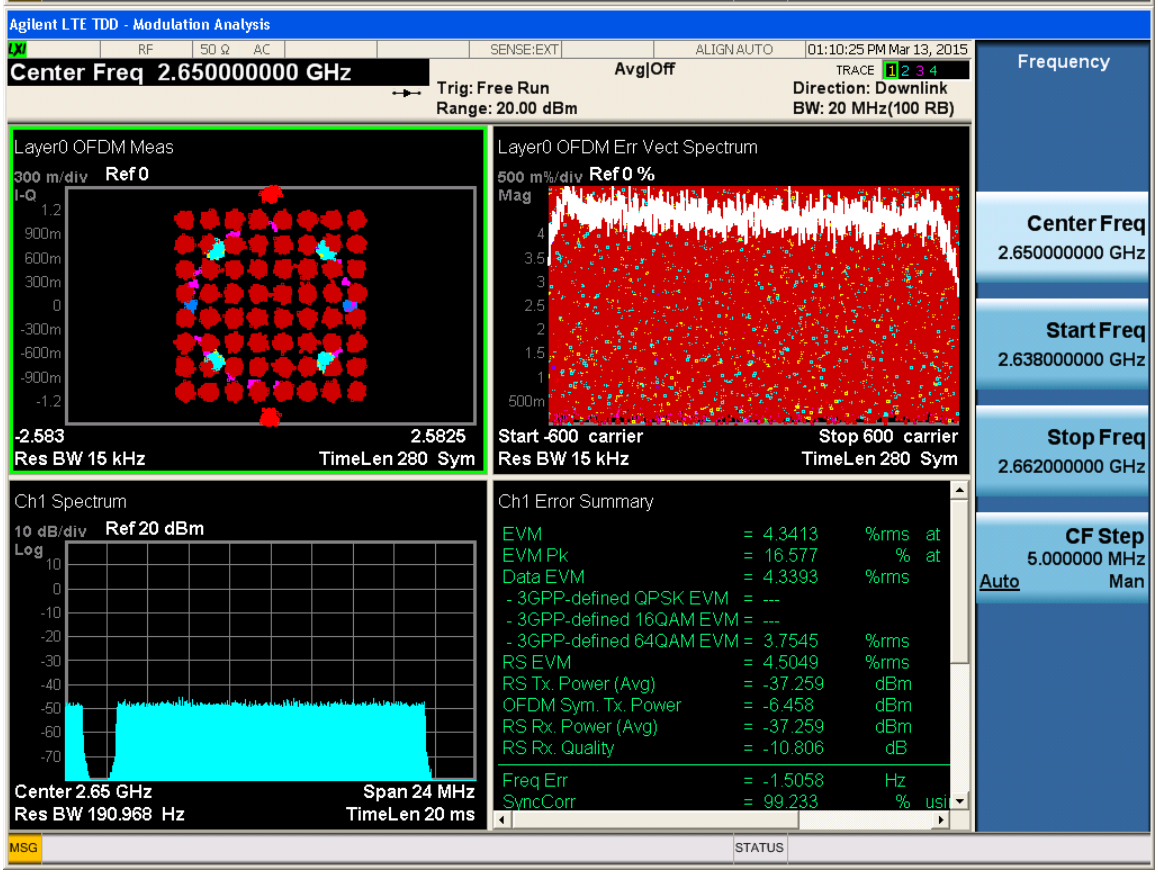

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
12:59:17 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3272 %rms at
EVM Pk = 17.825 % at
Data EVM = 4.3261 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7439 %rms
RS EVM = 4.4450 %rms
RS Tx. Power (Avg) = -37.223 dBm
OFDM Sym. Tx. Power = -6.382 dBm
RS Rx. Power (Avg) = -37.223 dBm
RS Rx. Quality = -10.79 dB
Freq Err = -395.10 mHz
SyncCorr = 99.551 %
MSG
STATUS

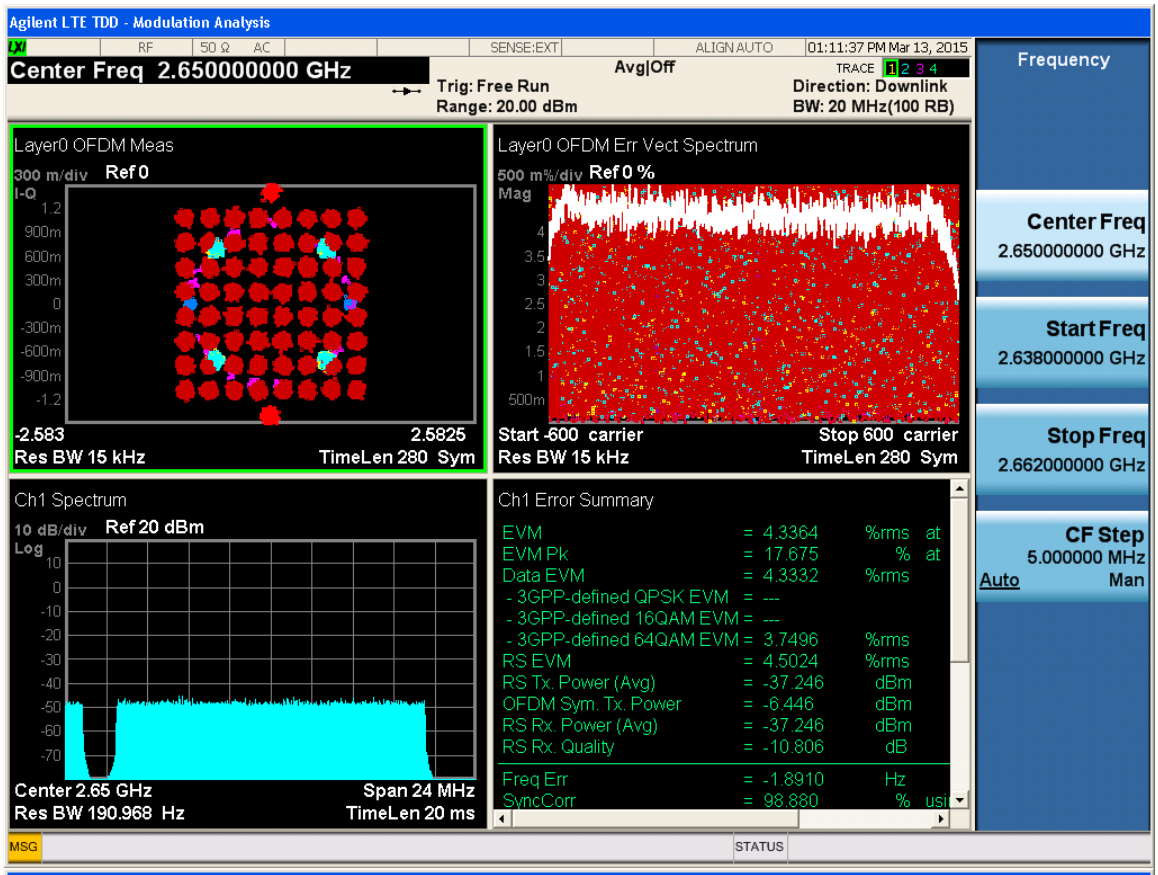

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:00:16 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3448 %rms at
EVM Pk = 16.984 % at
Data EVM = 4.3441 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7573 %rms
RS EVM = 4.4612 %rms
RS Tx. Power (Avg) = -37.213 dBm
OFDM Sym. Tx. Power = -6.371 dBm
RS Rx. Power (Avg) = -37.213 dBm
RS Rx. Quality = -10.792 dB
Freq Err = -1.5797 Hz
SyncCorr = 99.661 %
MSG
STATUS

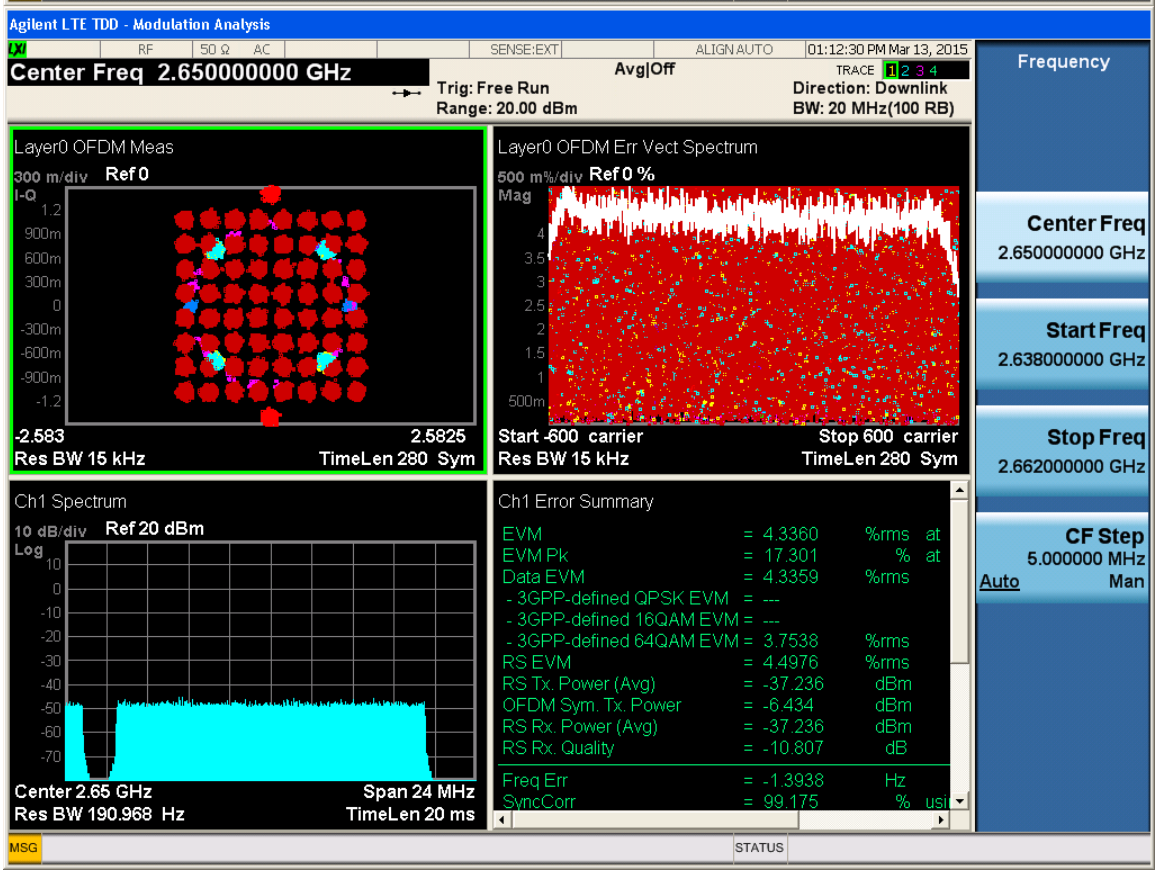

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:01:23 PM Mar 13, 2015
Center Freq 2.630000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.63 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3298 %rms at
EVM Pk = 17.342 % at
Data EVM = 4.3301 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7464 %rms
RS EVM = 4.4493 %rms
RS Tx. Power (Avg) = -37.193 dBm
OFDM Sym. Tx. Power = -6.35 dBm
RS Rx. Power (Avg) = -37.193 dBm
RS Rx. Quality = -10.791 dB
Freq Err = -1.5689 Hz
SyncCorr = 99.619 %
Center Freq
2.630000000 GHz
Start Freq
2.618000000 GHz
Stop Freq
2.642000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

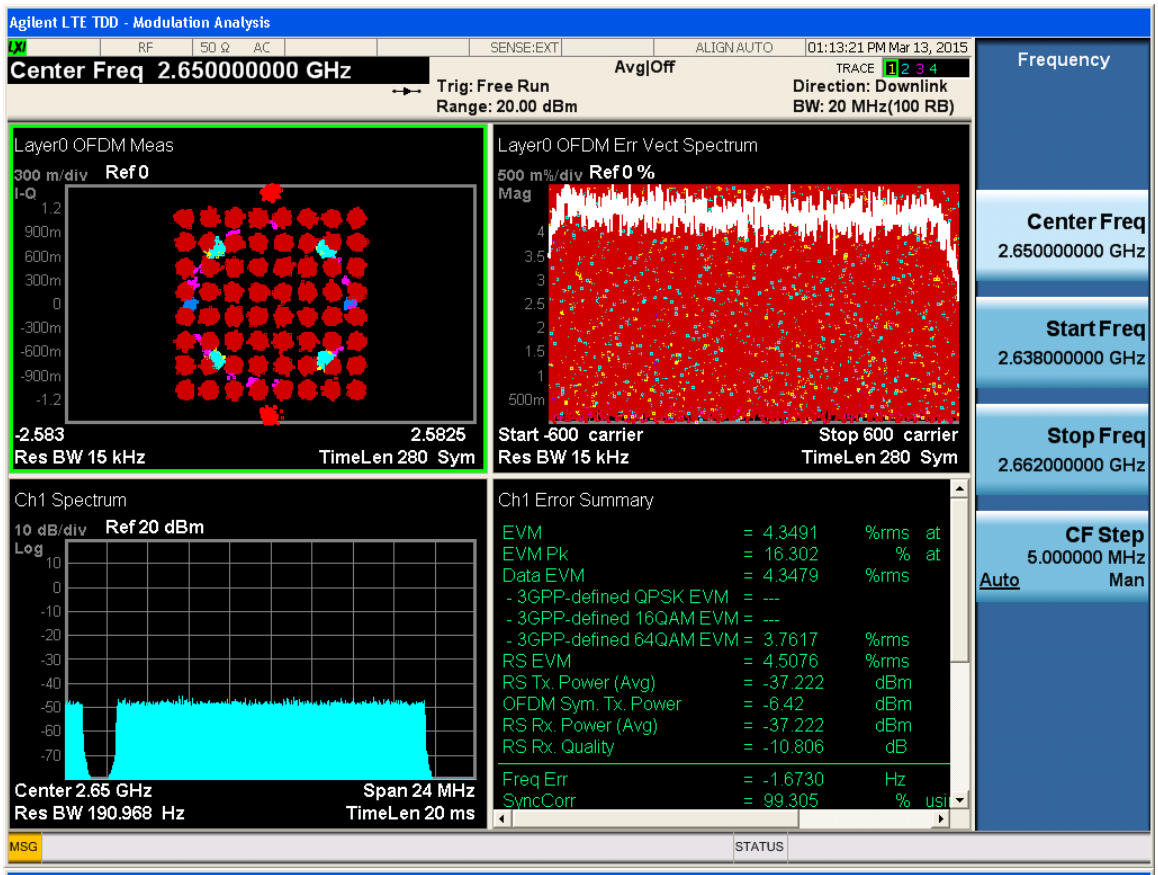

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:08:48 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3440 %rms at
EVM Pk = 16.896 % at
Data EVM = 4.3430 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7586 %rms
RS EVM = 4.4943 %rms
RS Tx. Power (Avg) = -37.28 dBm
OFDM Sym. Tx. Power = -6.478 dBm
RS Rx. Power (Avg) = -37.28 dBm
RS Rx. Quality = -10.807 dB
Freq Err = -1.3554 Hz
SyncCorr = 99.274 %
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

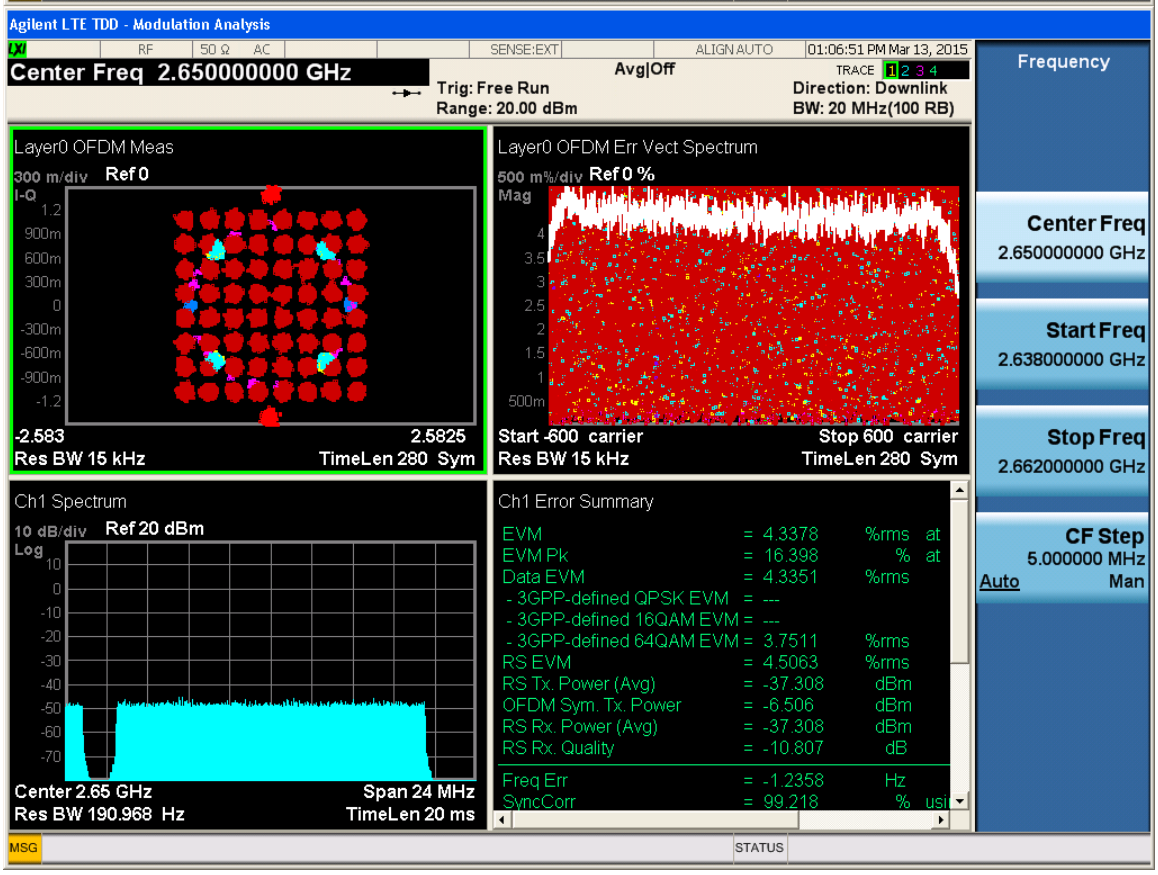

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:09:34 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3318 %rms at
EVM Pk = 17.227 % at
Data EVM = 4.3315 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7477 %rms
RS EVM = 4.4889 %rms
RS Tx. Power (Avg) = -37.273 dBm
OFDM Sym. Tx. Power = -6.472 dBm
RS Rx. Power (Avg) = -37.273 dBm
RS Rx. Quality = -10.805 dB
Freq Err = -1.8885 Hz
SyncCorr = 98.949 %
MSG
STATUS

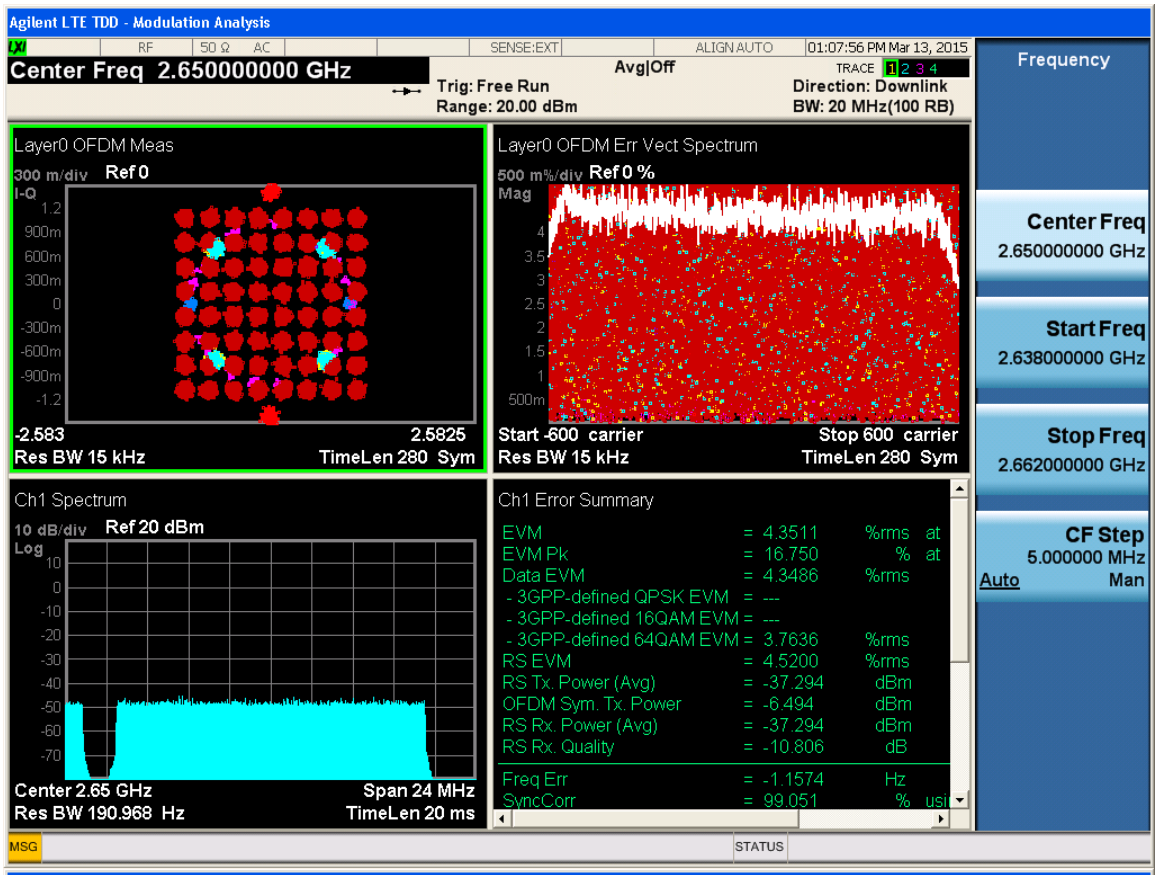

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:10:25 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3413 %rms at
EVM Pk = 16.577 % at
Data EVM = 4.3393 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7545 %rms
RS EVM = 4.5049 %rms
RS Tx. Power (Avg) = -37.259 dBm
OFDM Sym. Tx. Power = -6.458 dBm
RS Rx. Power (Avg) = -37.259 dBm
RS Rx. Quality = -10.806 dB
Freq Err = -1.5058 Hz
SyncCorr = 99.233 %
MSG
STATUS

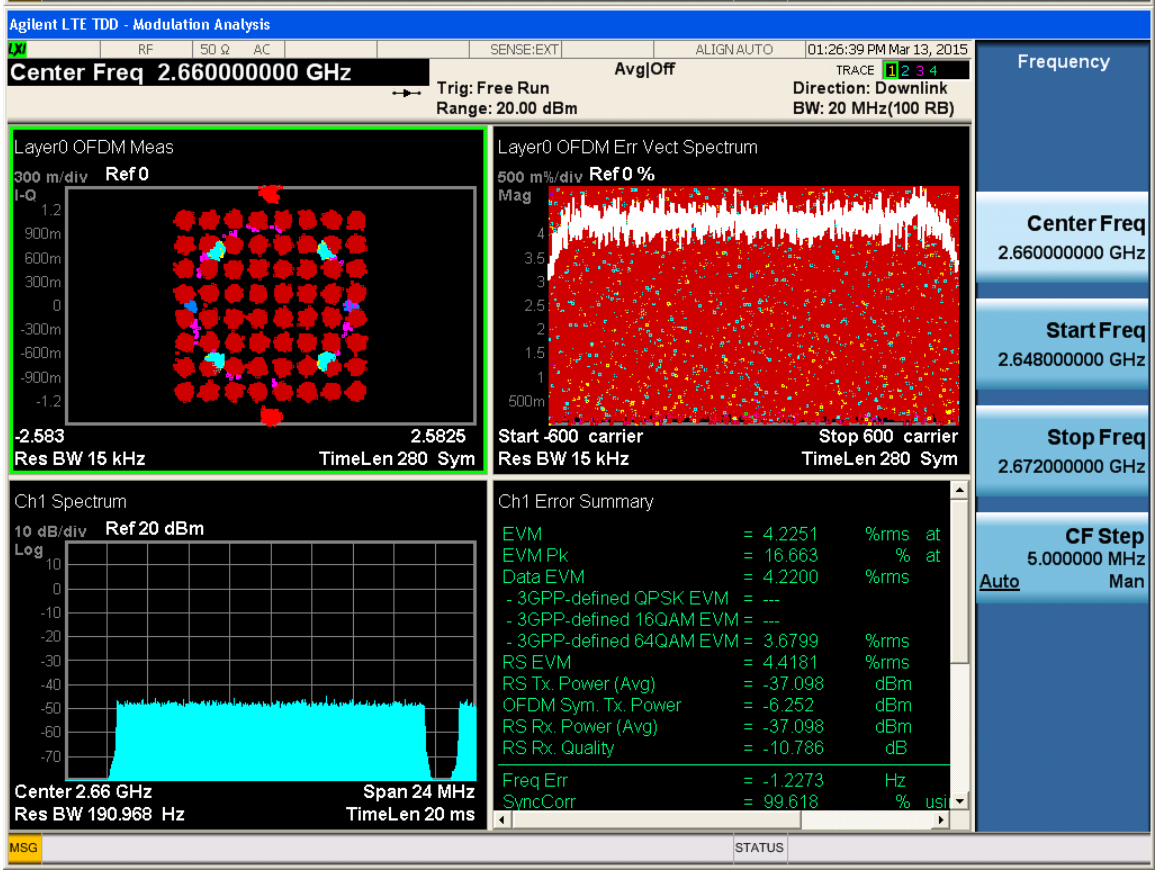

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:11:37 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3364 %rms at
EVM Pk = 17.675 % at
Data EVM = 4.3332 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7496 %rms
RS EVM = 4.5024 %rms
RS Tx. Power (Avg) = -37.246 dBm
OFDM Sym. Tx. Power = -6.446 dBm
RS Rx. Power (Avg) = -37.246 dBm
RS Rx. Quality = -10.806 dB
Freq Err = -1.8910 Hz
SyncCorr = 98.880 %
MSG
STATUS

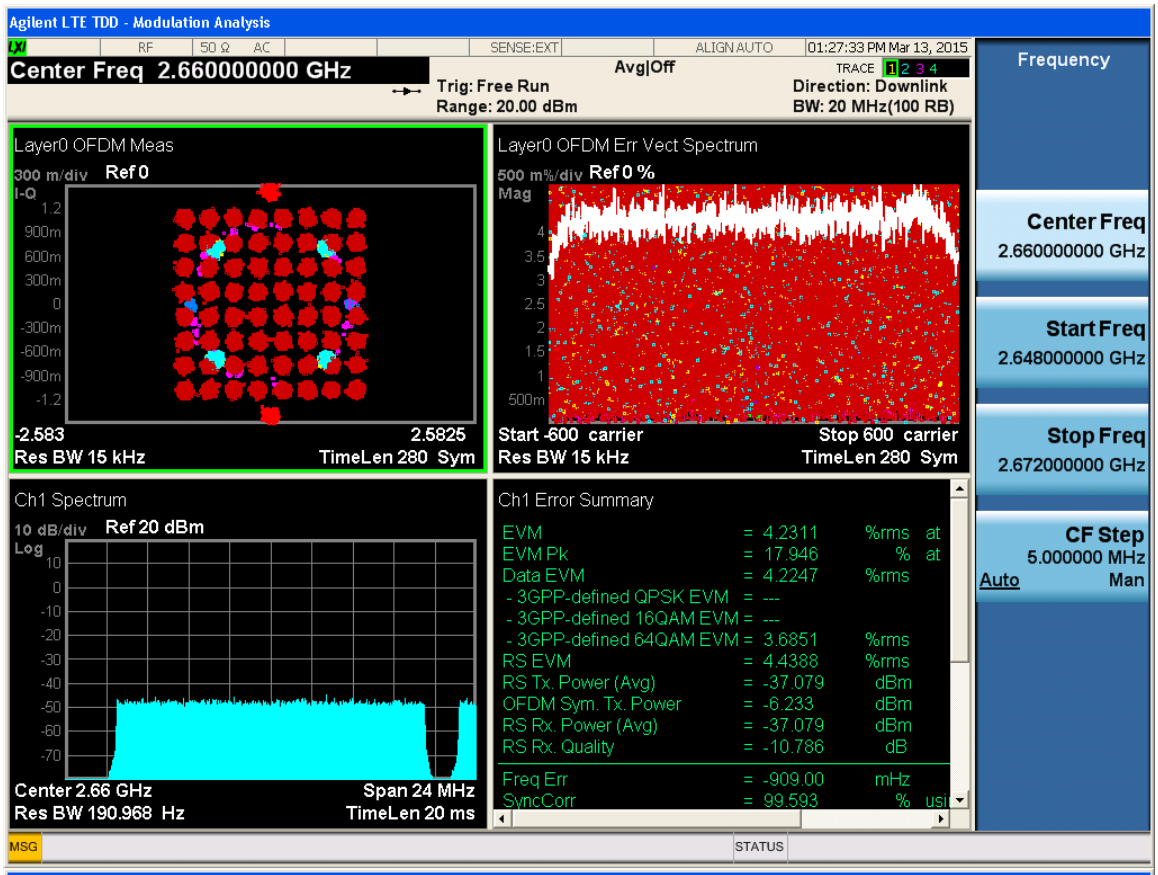

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:12:30 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3360 %rms at
EVM Pk = 17.301 % at
Data EVM = 4.3359 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7538 %rms
RS EVM = 4.4976 %rms
RS Tx. Power (Avg) = -37.236 dBm
OFDM Sym. Tx. Power = -6.434 dBm
RS Rx. Power (Avg) = -37.236 dBm
RS Rx. Quality = -10.807 dB
Freq Err = -1.3938 Hz
SyncCorr = 99.175 %
MSG
STATUS

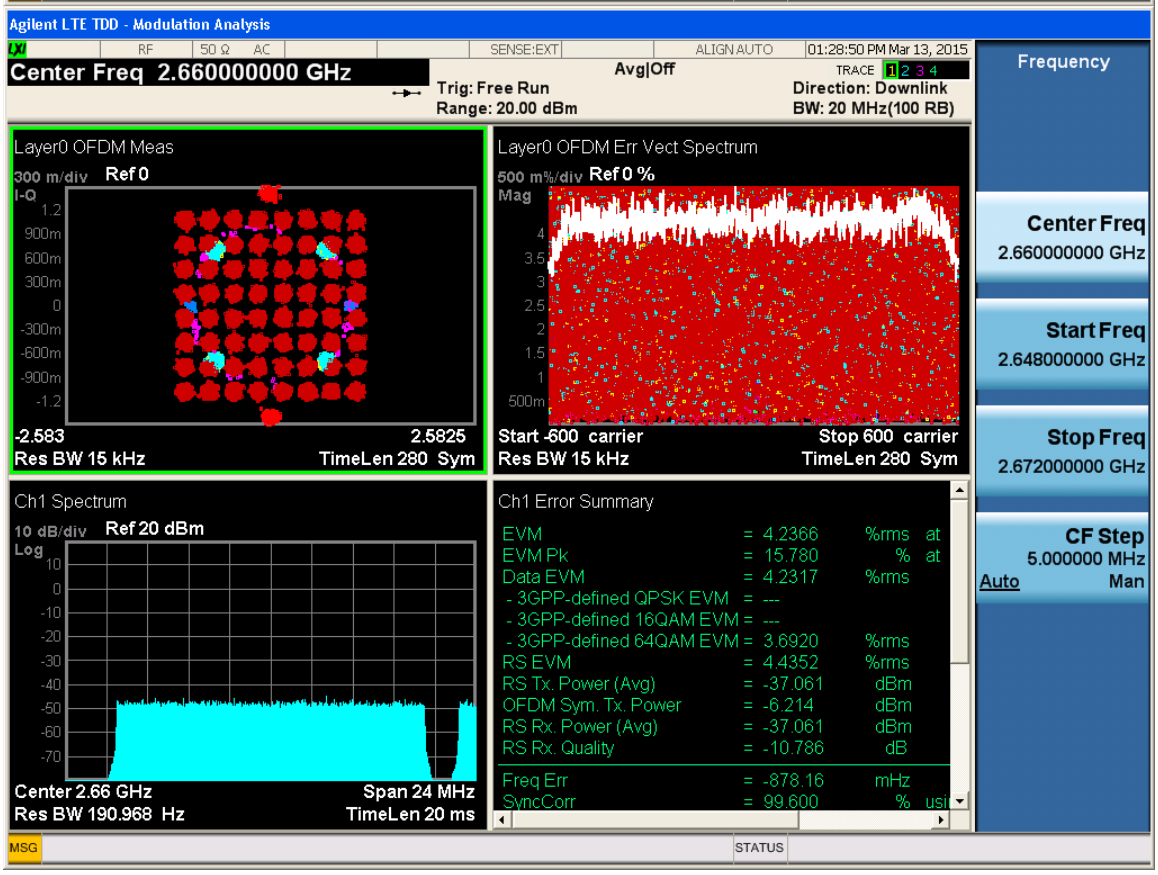

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:13:21 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3491 %rms at
EVM Pk = 16.302 % at
Data EVM = 4.3479 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7617 %rms
RS EVM = 4.5076 %rms
RS Tx. Power (Avg) = -37.222 dBm
OFDM Sym. Tx. Power = -6.42 dBm
RS Rx. Power (Avg) = -37.222 dBm
RS Rx. Quality = -10.806 dB
Freq Err = -1.6730 Hz
SyncCorr = 99.305 %
MSG
STATUS

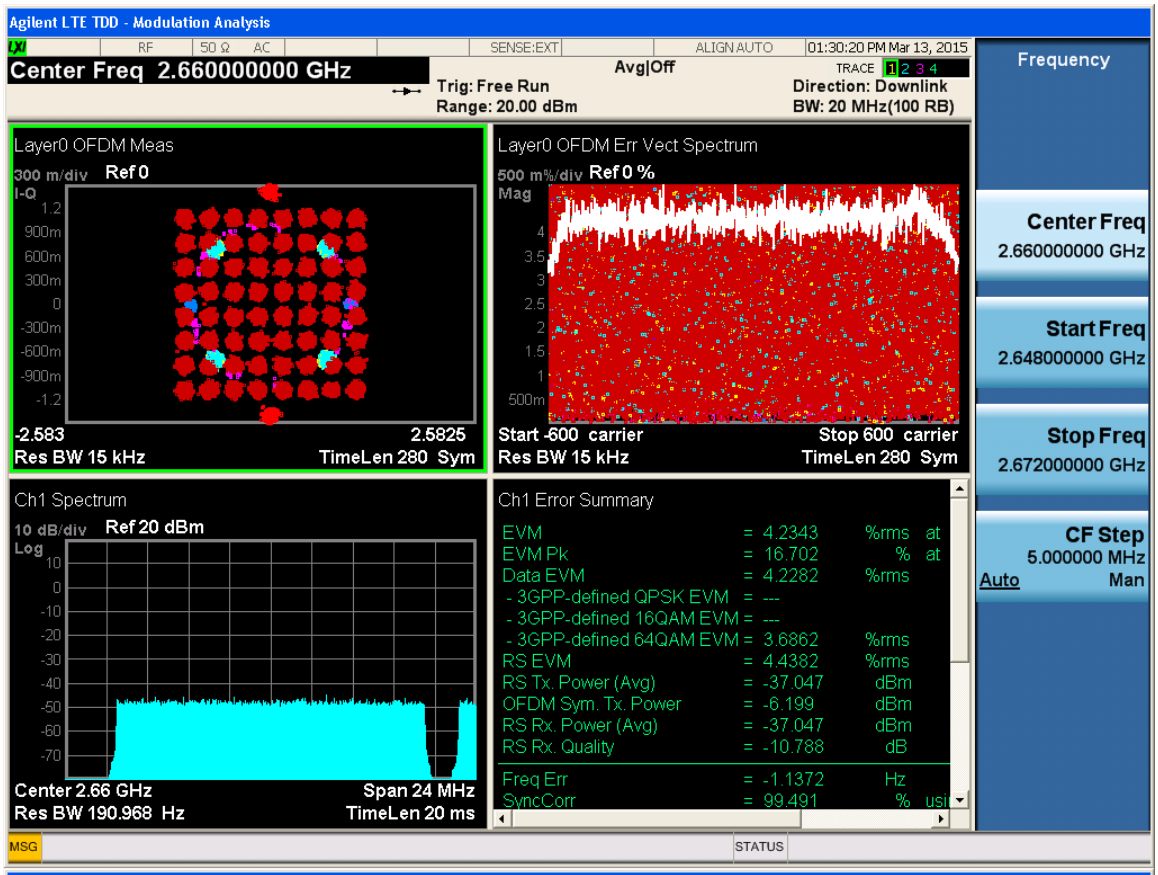

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:06:51 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3378 %rms at
EVM Pk = 16.398 % at
Data EVM = 4.3351 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7511 %rms
RS EVM = 4.5063 %rms
RS Tx. Power (Avg) = -37.308 dBm
OFDM Sym. Tx. Power = -6.506 dBm
RS Rx. Power (Avg) = -37.308 dBm
RS Rx. Quality = -10.807 dB
Freq Err = -1.2358 Hz
SyncCorr = 99.218 %
MSG
STATUS

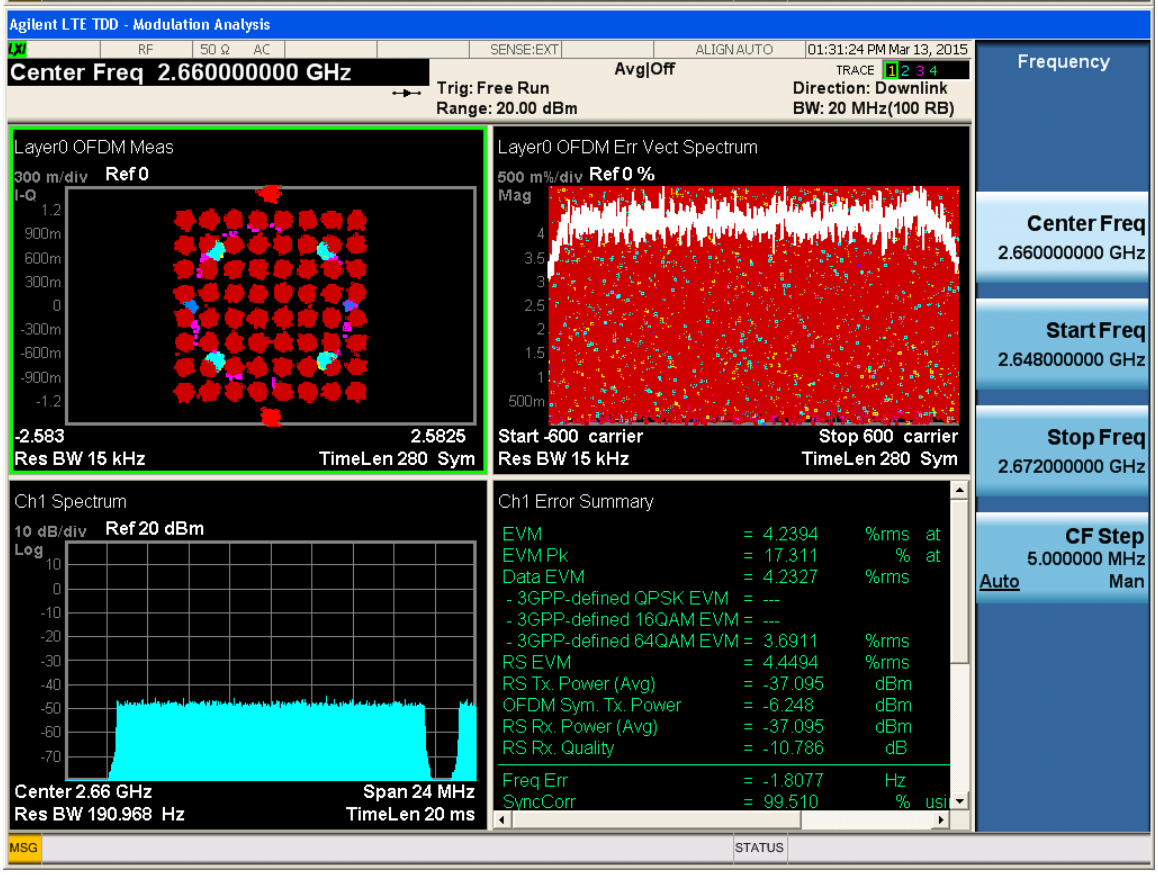

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:07:56 PM Mar 13, 2015
Center Freq 2.650000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.650000000 GHz
Start Freq
2.638000000 GHz
Stop Freq
2.662000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.65 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.3511 %rms at
EVM Pk = 16.750 % at
Data EVM = 4.3486 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7636 %rms
RS EVM = 4.5200 %rms
RS Tx. Power (Avg) = -37.294 dBm
OFDM Sym. Tx. Power = -6.494 dBm
RS Rx. Power (Avg) = -37.294 dBm
RS Rx. Quality = -10.806 dB
Freq Err = -1.1574 Hz
SyncCorr = 99.051 %
MSG
STATUS

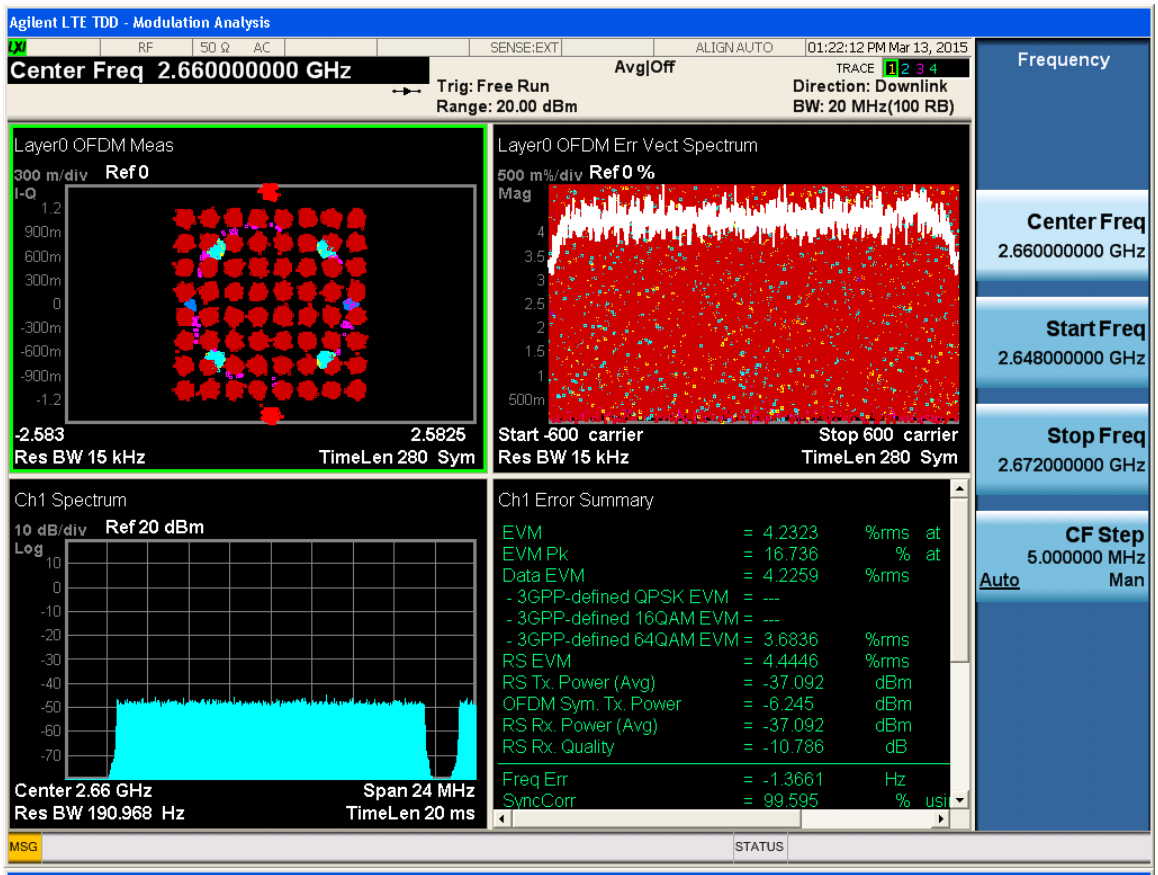

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:26:39 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2251 %rms at
EVM Pk = 16.663 % at
Data EVM = 4.2200 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6799 %rms
RS EVM = 4.4181 %rms
RS Tx. Power (Avg) = -37.098 dBm
OFDM Sym. Tx. Power = -6.252 dBm
RS Rx. Power (Avg) = -37.098 dBm
RS Rx. Quality = -10.786 dB
Freq Err = -1.2273 Hz
SyncCorr = 99.618 %
MSG
STATUS

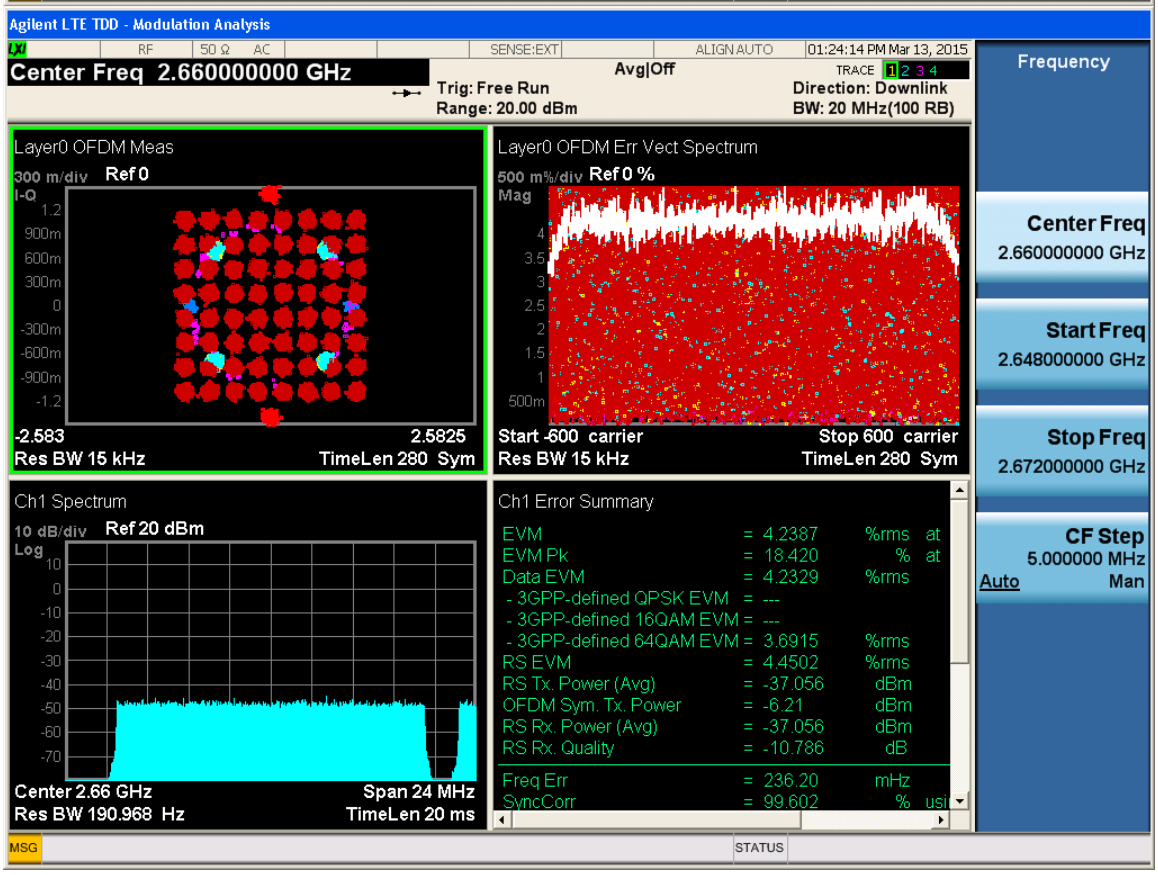

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:27:33 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2311 %rms at
EVM Pk = 17.946 % at
Data EVM = 4.2247 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6851 %rms
RS EVM = 4.4388 %rms
RS Tx. Power (Avg) = -37.079 dBm
OFDM Sym. Tx. Power = -6.233 dBm
RS Rx. Power (Avg) = -37.079 dBm
RS Rx. Quality = -10.786 dB
Freq Err = -909.00 mHz
SyncCorr = 99.593 %
MSG
STATUS

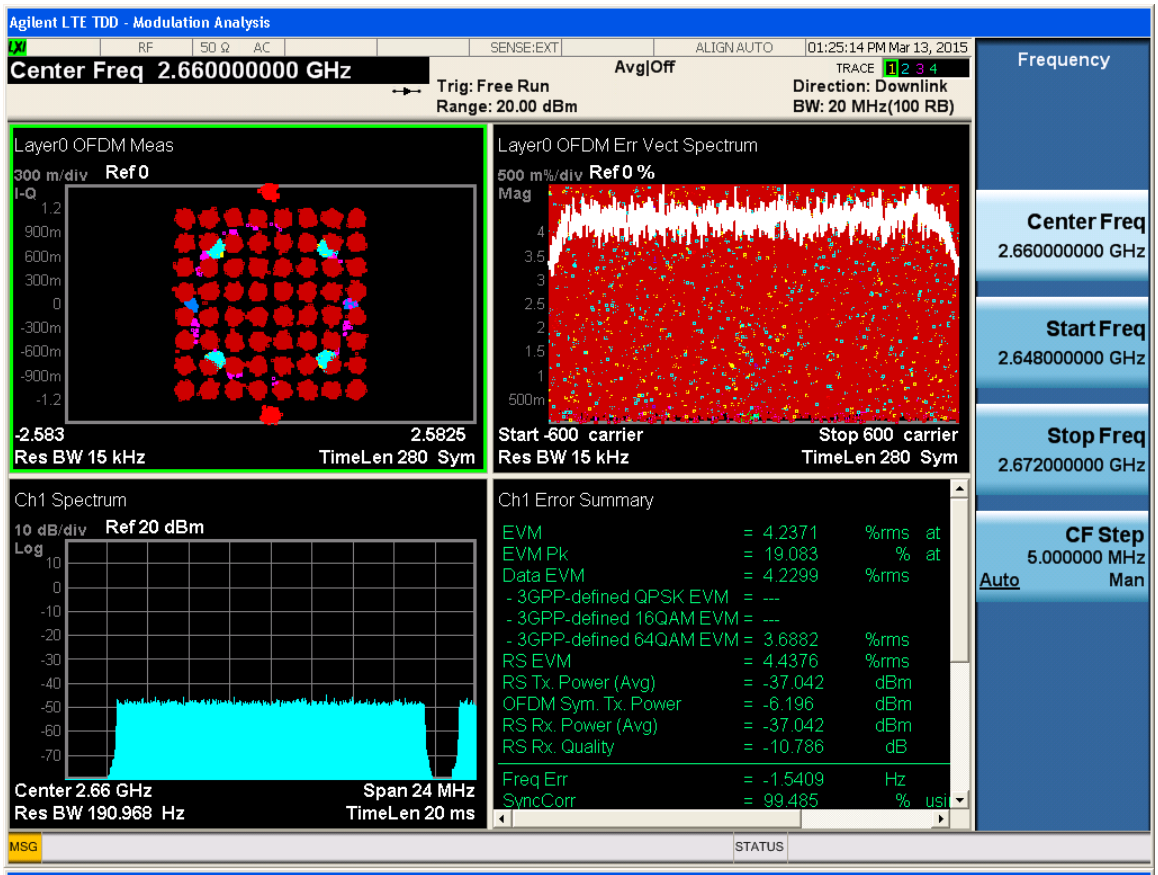

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:28:50 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2366 %rms at
EVM Pk = 15.780 % at
Data EVM = 4.2317 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6920 %rms
RS EVM = 4.4352 %rms
RS Tx. Power (Avg) = -37.061 dBm
OFDM Sym. Tx. Power = -6.214 dBm
RS Rx. Power (Avg) = -37.061 dBm
RS Rx. Quality = -10.786 dB
Freq Err = -878.16 mHz
SyncCorr = 99.600 %
MSG
STATUS

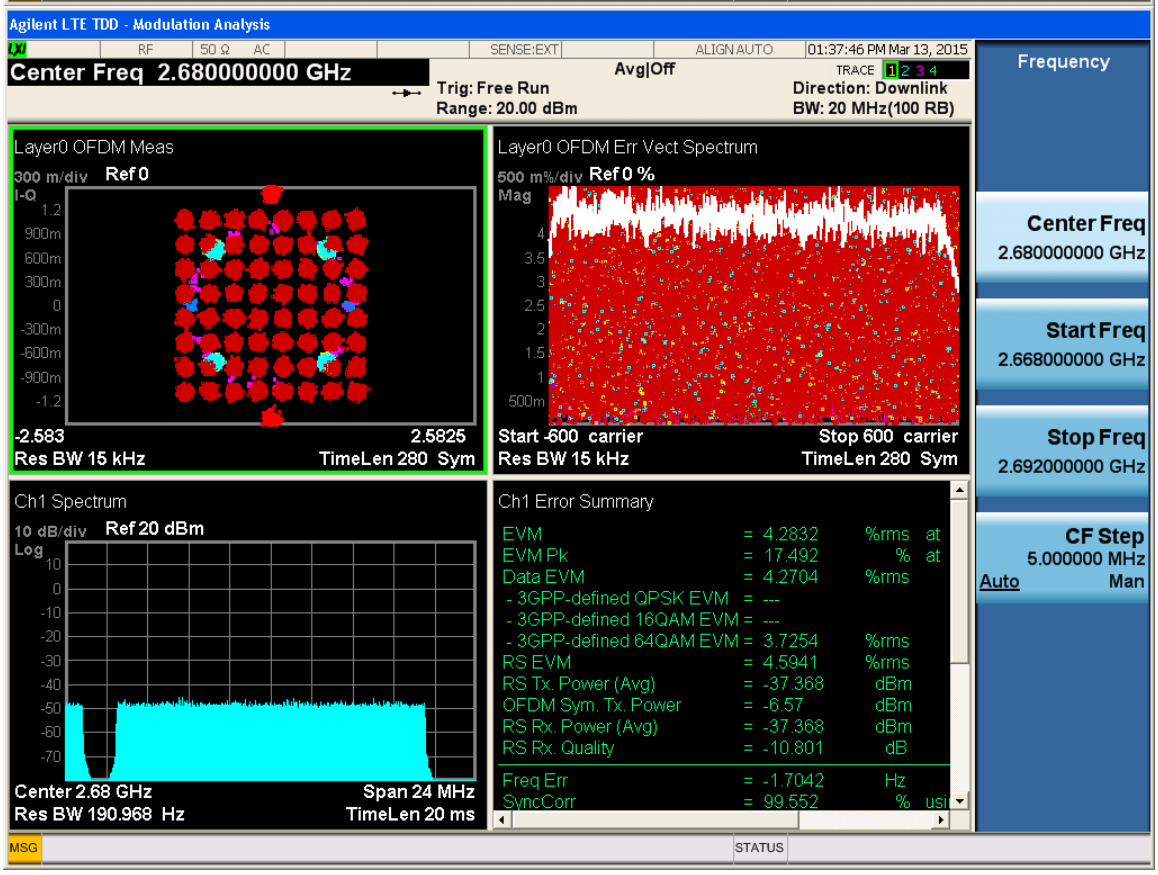

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:30:20 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2343 %rms at
EVM Pk = 16.702 % at
Data EVM = 4.2282 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6862 %rms
RS EVM = 4.4382 %rms
RS Tx. Power (Avg) = -37.047 dBm
OFDM Sym. Tx. Power = -6.199 dBm
RS Rx. Power (Avg) = -37.047 dBm
RS Rx. Quality = -10.788 dB
Freq Err = -1.1372 Hz
SyncCorr = 99.491 %
MSG
STATUS

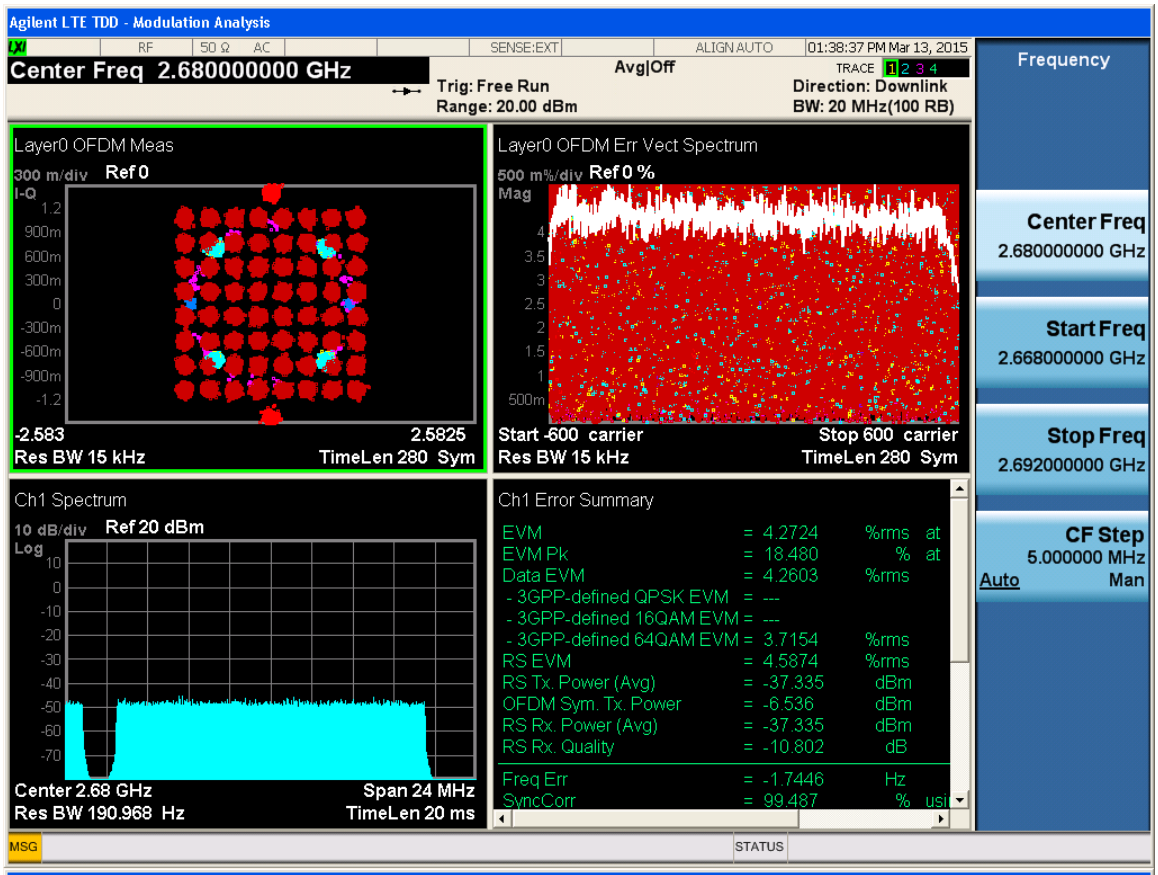

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:31:24 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2394 %rms at
EVM Pk = 17.311 % at
Data EVM = 4.2327 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6911 %rms
RS EVM = 4.4494 %rms
RS Tx. Power (Avg) = -37.095 dBm
OFDM Sym. Tx. Power = -6.248 dBm
RS Rx. Power (Avg) = -37.095 dBm
RS Rx. Quality = -10.786 dB
Freq Err = -1.8077 Hz
SyncCorr = 99.510 %
MSG
STATUS

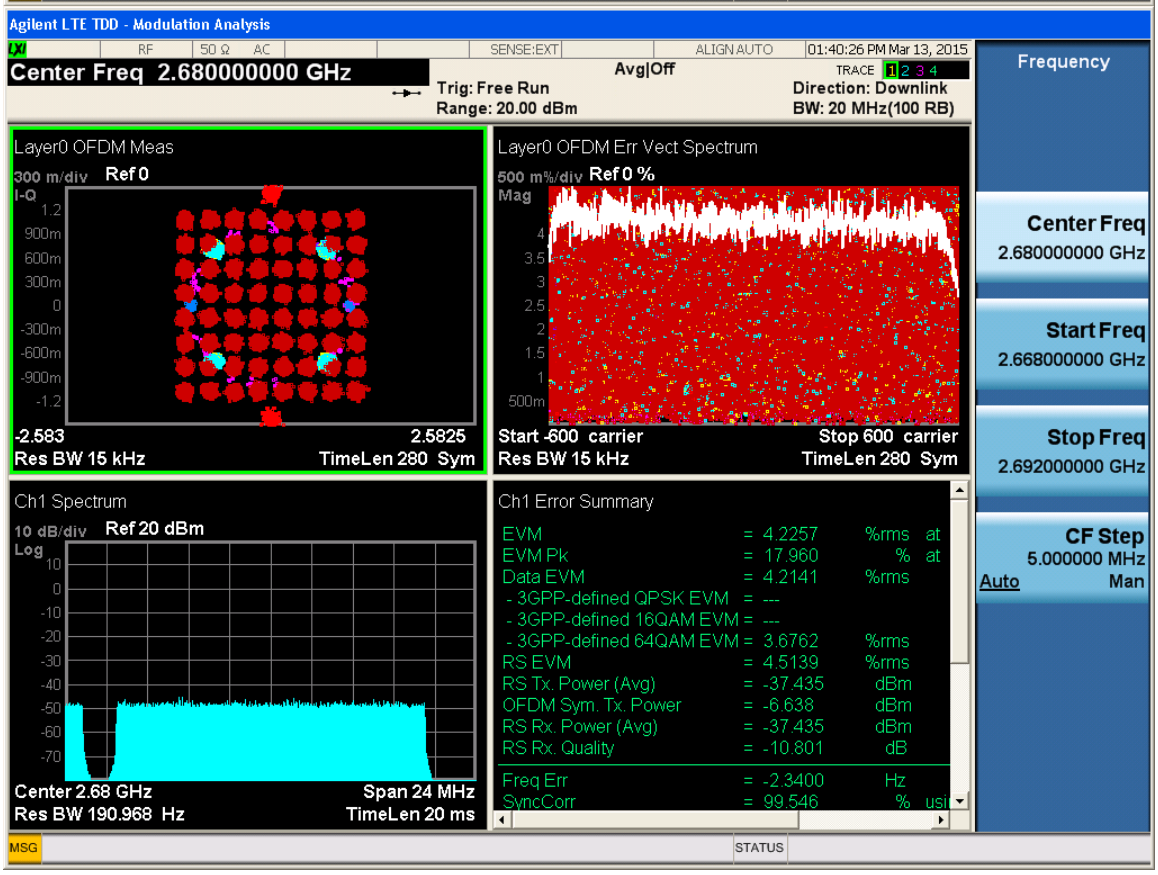

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:22:12 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2323 %rms at
EVM Pk = 16.736 % at
Data EVM = 4.2259 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6836 %rms
RS EVM = 4.4446 %rms
RS Tx. Power (Avg) = -37.092 dBm
OFDM Sym. Tx. Power = -6.245 dBm
RS Rx. Power (Avg) = -37.092 dBm
RS Rx. Quality = -10.786 dB
Freq Err = -1.3661 Hz
SyncCorr = 99.595 %
MSG
STATUS

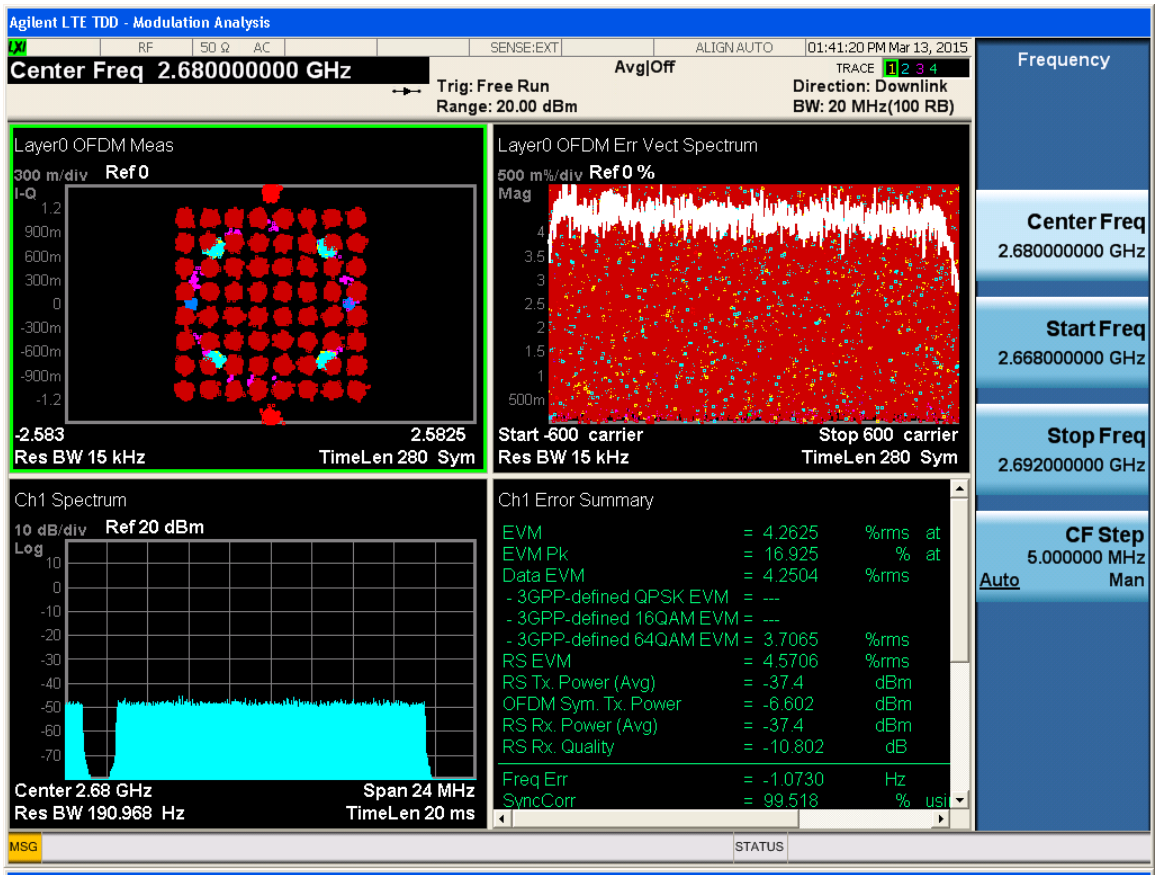

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:24:14 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2387 %rms at
EVM Pk = 18.420 % at
Data EVM = 4.2329 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6915 %rms
RS EVM = 4.4502 %rms
RS Tx. Power (Avg) = -37.056 dBm
OFDM Sym. Tx. Power = -6.21 dBm
RS Rx. Power (Avg) = -37.056 dBm
RS Rx. Quality = -10.786 dB
Freq Err = 236.20 mHz
SyncCorr = 99.602 %
MSG
STATUS

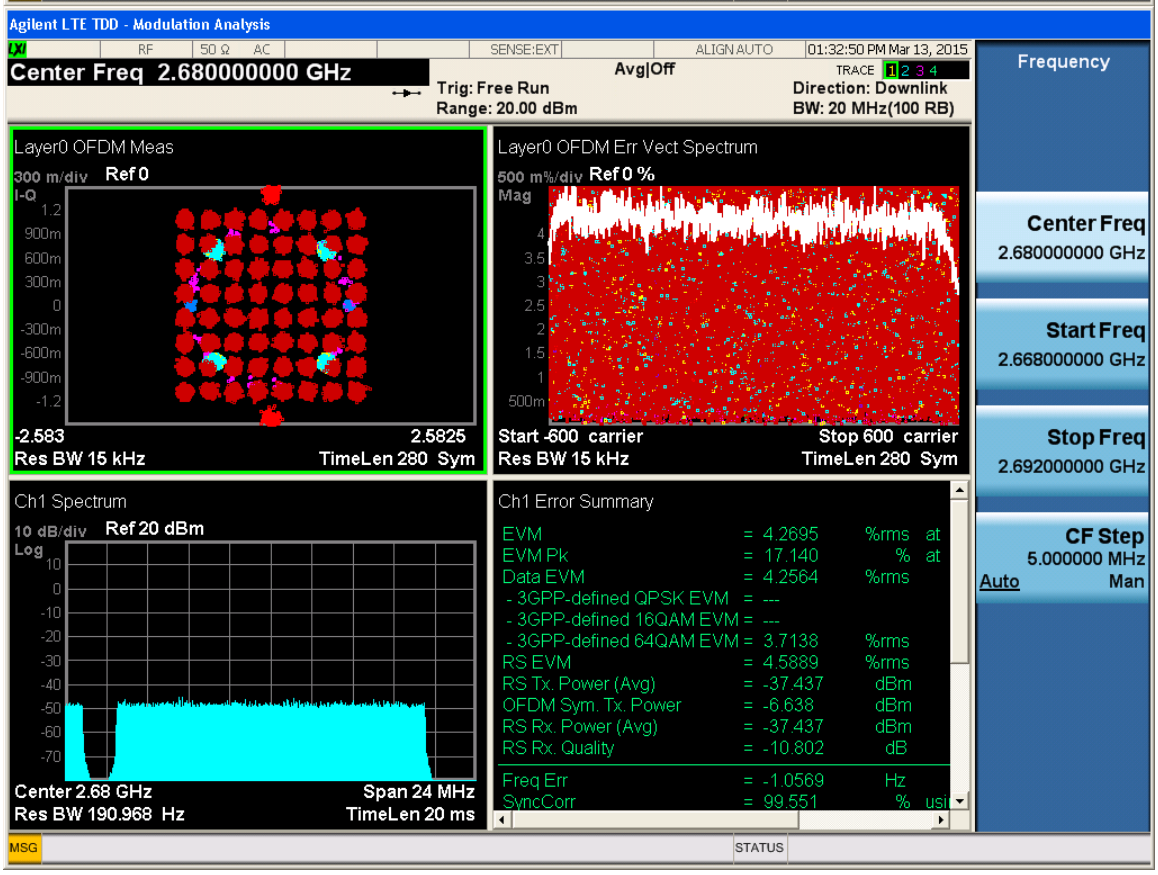

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:25:14 PM Mar 13, 2015
Center Freq 2.660000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.66 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2371 %rms at
EVM Pk = 19.083 % at
Data EVM = 4.2299 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6882 %rms
RS EVM = 4.4376 %rms
RS Tx. Power (Avg) = -37.042 dBm
OFDM Sym. Tx. Power = -6.196 dBm
RS Rx. Power (Avg) = -37.042 dBm
RS Rx. Quality = -10.786 dB
Freq Err = -1.5409 Hz
SyncCorr = 99.485 %
Center Freq
2.660000000 GHz
Start Freq
2.648000000 GHz
Stop Freq
2.672000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

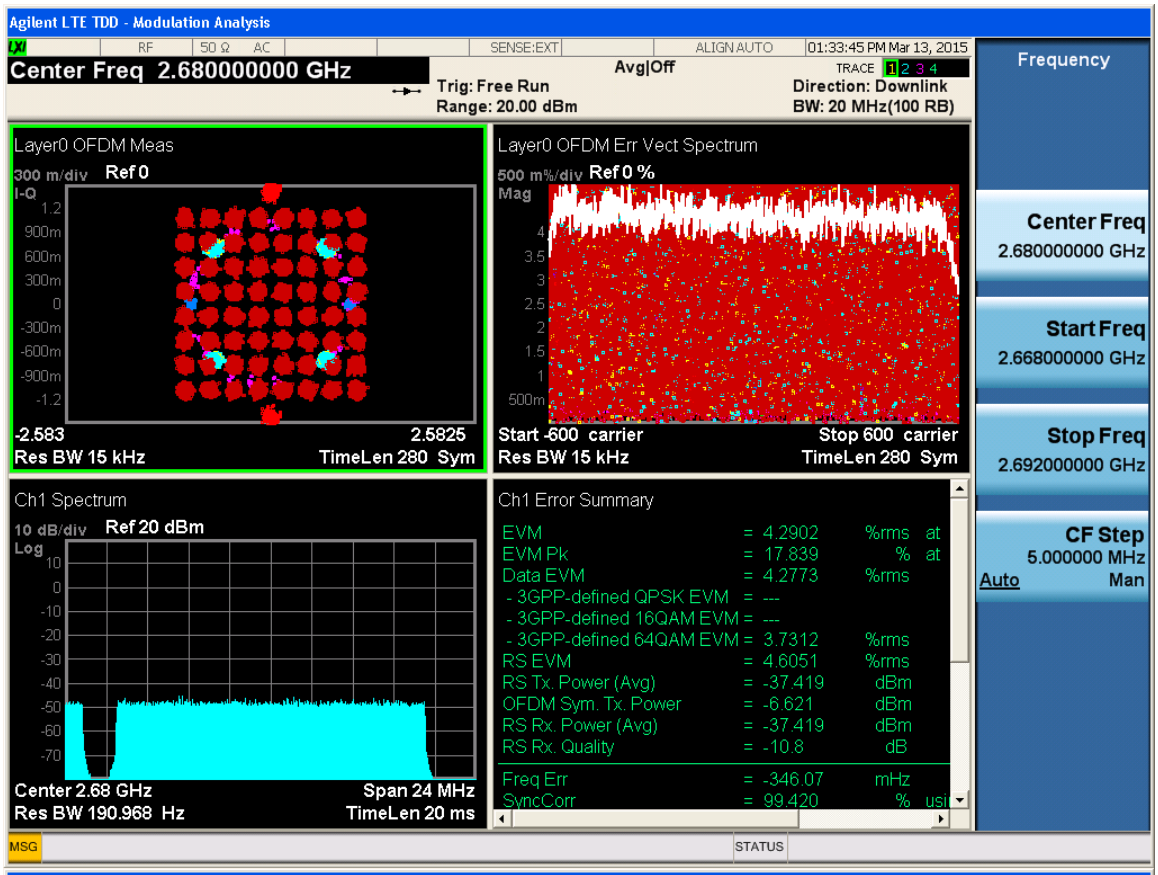

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:37:46 PM Mar 13, 2015
Center Freq 2.680000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.68 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2832 %rms at
EVM Pk = 17.492 % at
Data EVM = 4.2704 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7254 %rms
RS EVM = 4.5941 %rms
RS Tx. Power (Avg) = -37.368 dBm
OFDM Sym. Tx. Power = -6.57 dBm
RS Rx. Power (Avg) = -37.368 dBm
RS Rx. Quality = -10.801 dB
Freq Err = -1.7042 Hz
SyncCorr = 99.552 %
Center Freq
2.680000000 GHz
Start Freq
2.668000000 GHz
Stop Freq
2.692000000 GHz
CF Step
5.000000 MHz
Auto
Man
MSG
STATUS

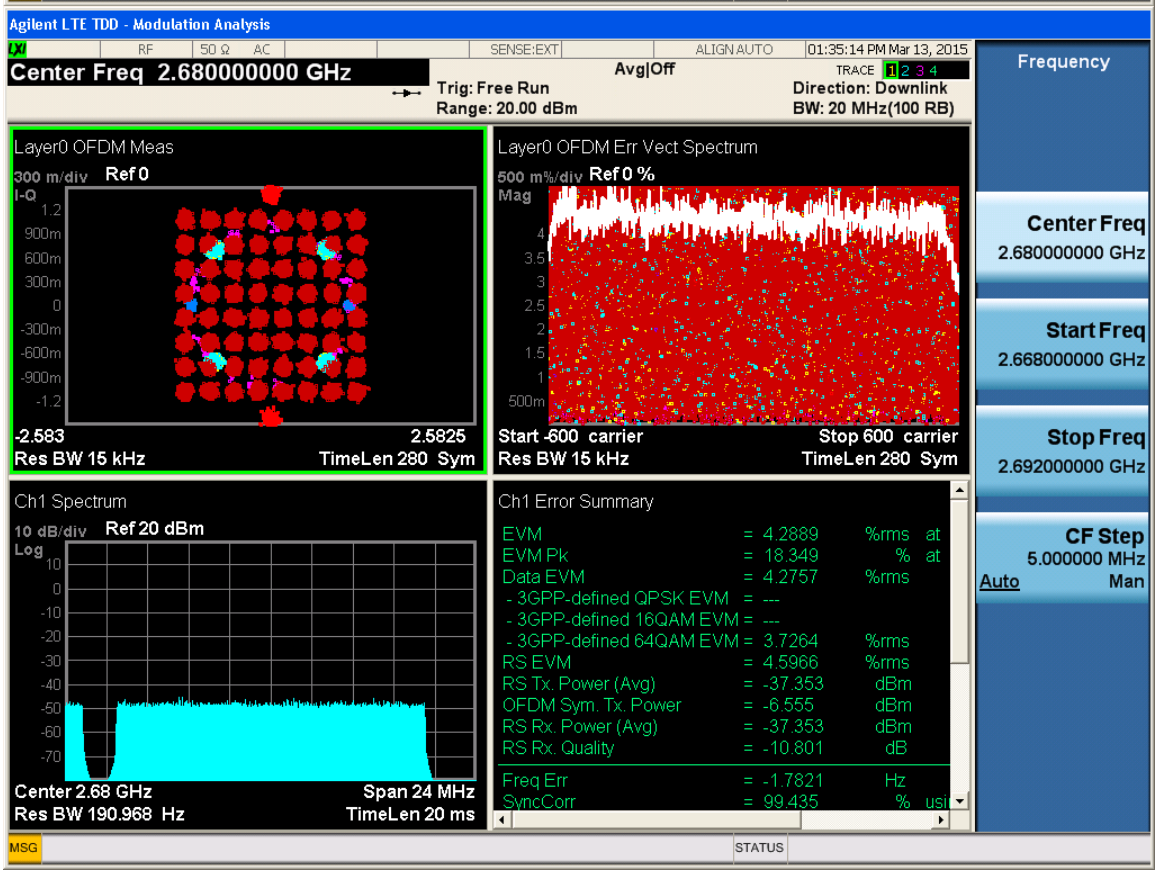

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:38:37 PM Mar 13, 2015
Center Freq 2.680000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.680000000 GHz
Start Freq
2.668000000 GHz
Stop Freq
2.692000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.68 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2724 %rms at
EVM Pk = 18.480 % at
Data EVM = 4.2603 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7154 %rms
RS EVM = 4.5874 %rms
RS Tx. Power (Avg) = -37.335 dBm
OFDM Sym. Tx. Power = -6.536 dBm
RS Rx. Power (Avg) = -37.335 dBm
RS Rx. Quality = -10.802 dB
Freq Err = -1.7446 Hz
SyncCorr = 99.487 %
MSG
STATUS

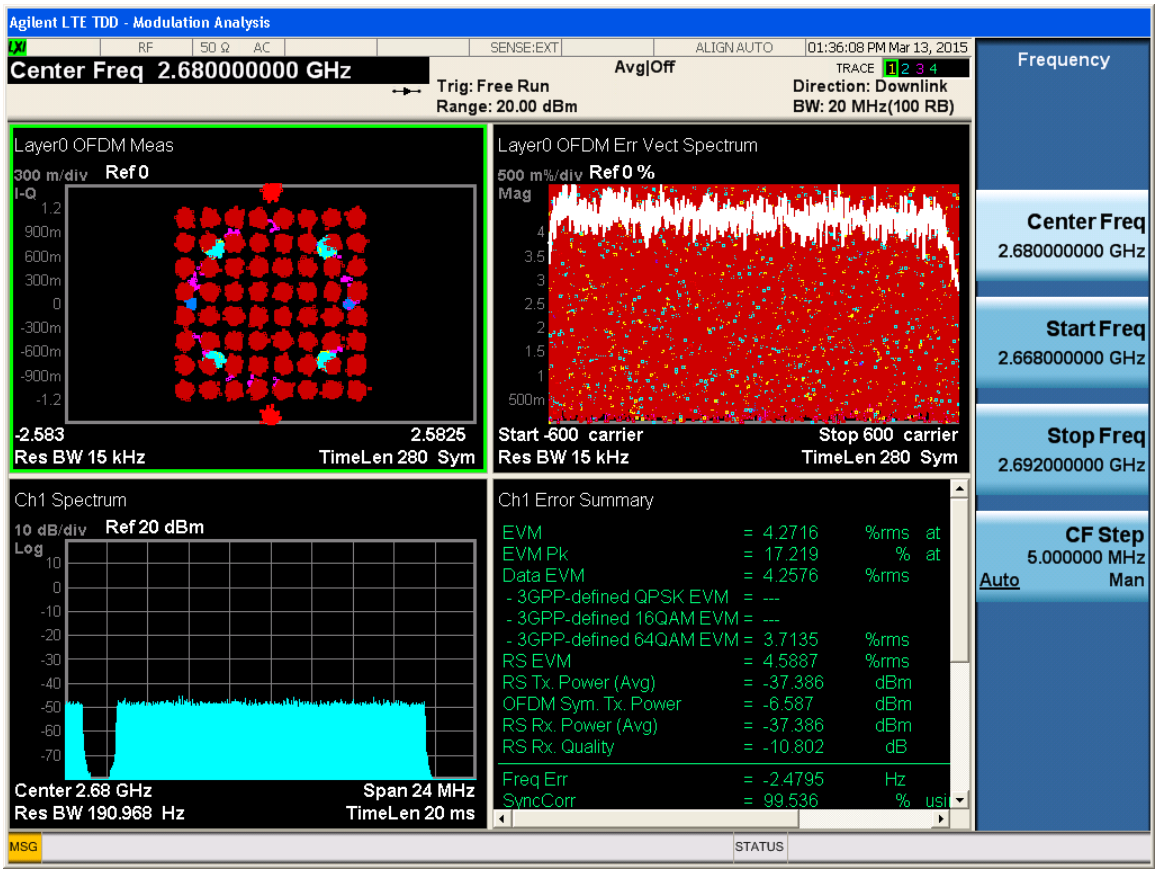

Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:40:26 PM Mar 13, 2015
Center Freq 2.680000000 GHz
Avg|Off
TRACE 1 2 3 4
Trig: Free Run
Range: 20.00 dBm
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.680000000 GHz
Start Freq
2.668000000 GHz
Stop Freq
2.692000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.68 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2257 %rms at
EVM Pk = 17.960 % at
Data EVM = 4.2141 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.6762 %rms
RS EVM = 4.5139 %rms
RS Tx. Power (Avg) = -37.435 dBm
OFDM Sym. Tx. Power = -6.638 dBm
RS Rx. Power (Avg) = -37.435 dBm
RS Rx. Quality = -10.801 dB
Freq Err = -2.3400 Hz
SyncCorr = 99.546 %
MSG
STATUS


Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:41:20 PM Mar 13, 2015
Center Freq 2.680000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.680000000 GHz
Start Freq
2.668000000 GHz
Stop Freq
2.692000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.68 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2625 %rms at
EVM Pk = 16.925 % at
Data EVM = 4.2504 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7065 %rms
RS EVM = 4.5706 %rms
RS Tx. Power (Avg) = -37.4 dBm
OFDM Sym. Tx. Power = -6.602 dBm
RS Rx. Power (Avg) = -37.4 dBm
RS Rx. Quality = -10.802 dB
Freq Err = -1.0730 Hz
SyncCorr = 99.518 %
MSG
STATUS


Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:32:50 PM Mar 13, 2015
Center Freq 2.680000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.680000000 GHz
Start Freq
2.668000000 GHz
Stop Freq
2.692000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.68 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2695 %rms at
EVM Pk = 17.140 % at
Data EVM = 4.2564 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7138 %rms
RS EVM = 4.5889 %rms
RS Tx. Power (Avg) = -37.437 dBm
OFDM Sym. Tx. Power = -6.638 dBm
RS Rx. Power (Avg) = -37.437 dBm
RS Rx. Quality = -10.802 dB
Freq Err = -1.0569 Hz
SyncCorr = 99.551 %
MSG
STATUS


Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:33:45 PM Mar 13, 2015
Center Freq 2.680000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.680000000 GHz
Start Freq
2.668000000 GHz
Stop Freq
2.692000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.68 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2902 %rms at
EVM Pk = 17.839 % at
Data EVM = 4.2773 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7312 %rms
RS EVM = 4.6051 %rms
RS Tx. Power (Avg) = -37.419 dBm
OFDM Sym. Tx. Power = -6.621 dBm
RS Rx. Power (Avg) = -37.419 dBm
RS Rx. Quality = -10.8 dB
Freq Err = -346.07 mHz
SyncCorr = 99.420 %
MSG
STATUS


Agilent LTE TDD - Modulation Analysis
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
01:35:14 PM Mar 13, 2015
Center Freq 2.680000000 GHz
Avg|Off
Trig: Free Run
Range: 20.00 dBm
TRACE 1 2 3 4
Direction: Downlink
BW: 20 MHz(100 RB)
Frequency
Layer0 OFDM Meas
300 m/div Ref 0
I-Q
-2.583
2.5825
Res BW 15 kHz
TimeLen 280 Sym
Layer0 OFDM Err Vect Spectrum
500 m%/div Ref 0 %
Mag
Start -600 carrier
Stop 600 carrier
Res BW 15 kHz
TimeLen 280 Sym
Center Freq
2.680000000 GHz
Start Freq
2.668000000 GHz
Stop Freq
2.692000000 GHz
CF Step
5.000000 MHz
Auto
Man
Ch1 Spectrum
10 dB/div Ref 20 dBm
Log
Center 2.68 GHz
Span 24 MHz
Res BW 190.968 Hz
TimeLen 20 ms
Ch1 Error Summary
EVM = 4.2889 %rms at
EVM Pk = 18.349 % at
Data EVM = 4.2757 %rms
- 3GPP-defined QPSK EVM = ---
- 3GPP-defined 16QAM EVM = ---
- 3GPP-defined 64QAM EVM = 3.7264 %rms
RS EVM = 4.5966 %rms
RS Tx. Power (Avg) = -37.353 dBm
OFDM Sym. Tx. Power = -6.555 dBm
RS Rx. Power (Avg) = -37.353 dBm
RS Rx. Quality = -10.801 dB
Freq Err = -1.7821 Hz
SyncCorr = 99.435 %
MSG
STATUS



6 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	MY50110260	2014.09.16	2015.09.16

***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

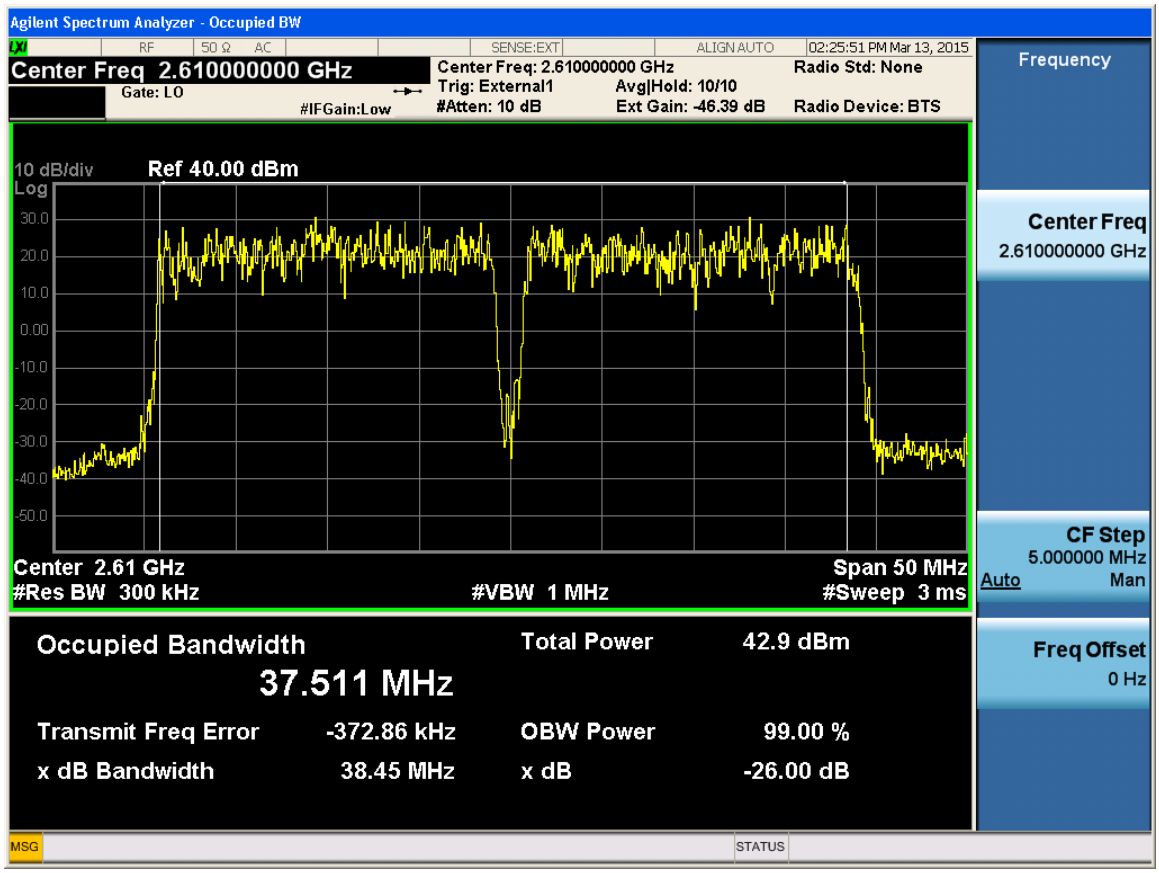
Test Mode: Transmitting LTE

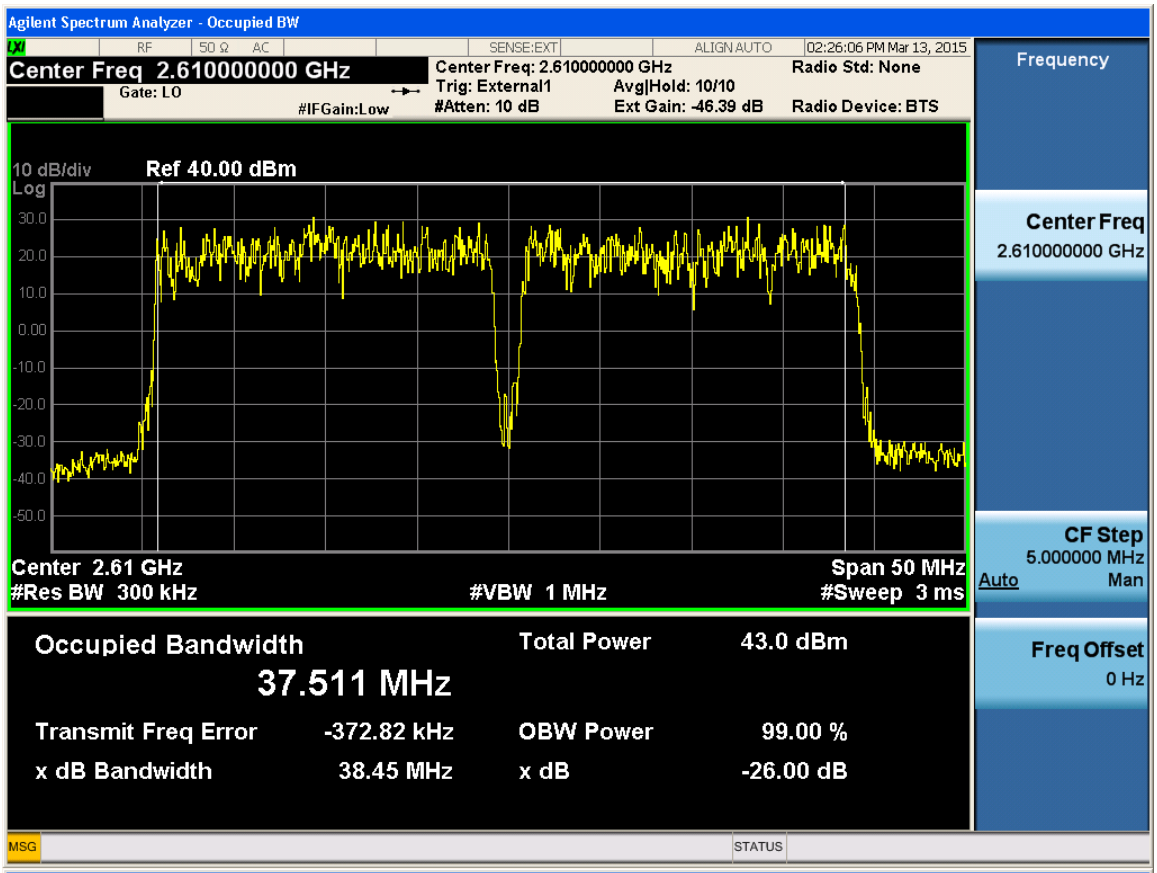
Test Data

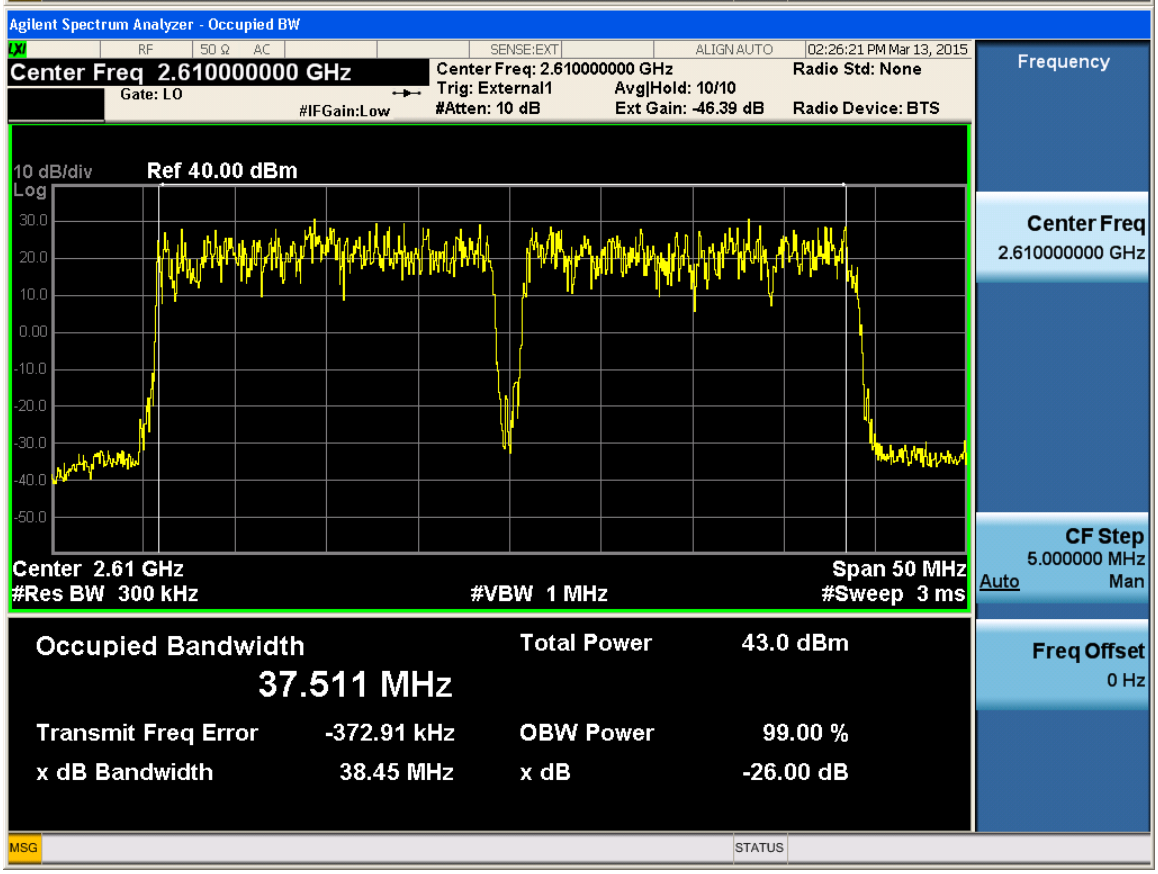
Channel Bandwidth: 20M+20M

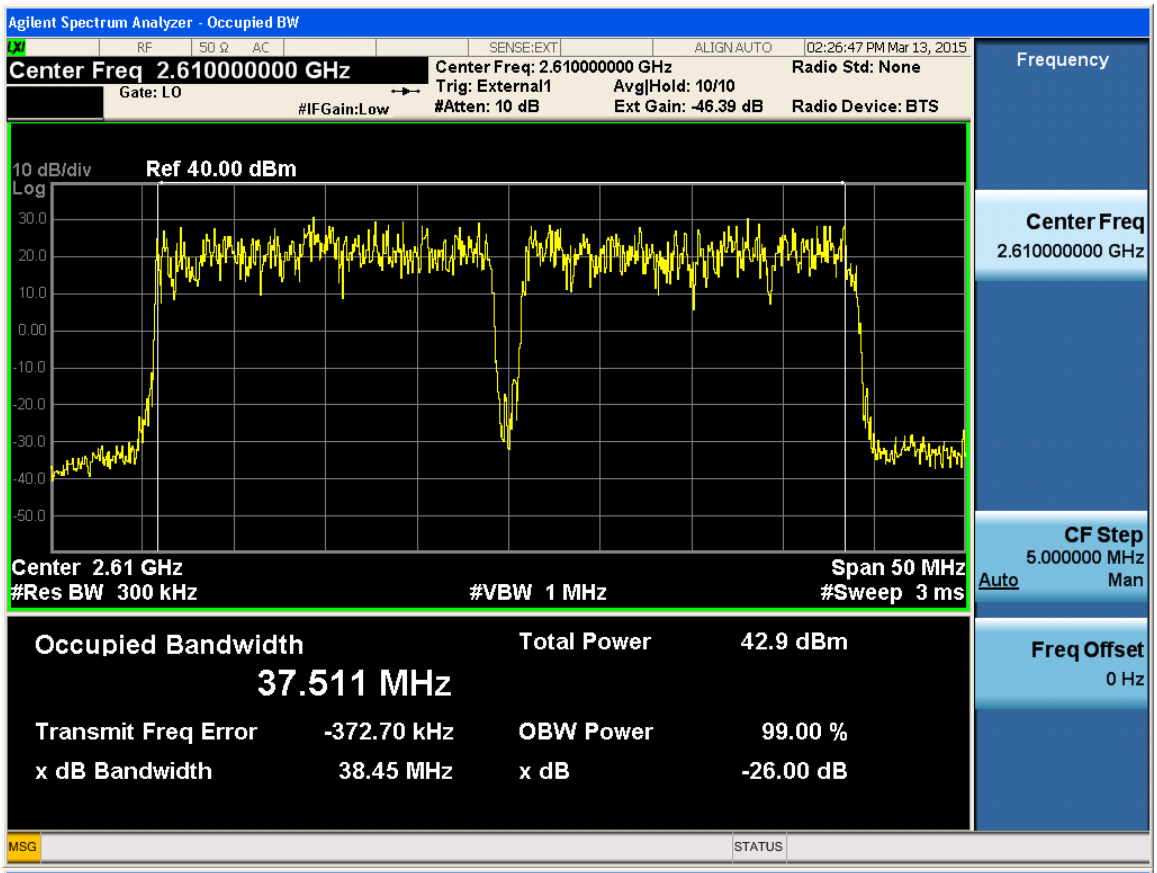
Port	Carrier Freq. c1+c2(MHz)	Occupied Bandwidth(MHz)		
		QPSK	16QAM	64QAM
0	2600+2620	37.51	37.78	37.69
1		37.51	37.78	37.69
2		37.51	37.77	37.69
3		37.51	37.77	37.69
4		37.51	37.77	37.69
5		37.51	37.77	37.69
6		37.51	37.77	37.69
7		37.51	37.77	37.69
0	2630+2650	37.71	37.61	37.70
1		37.71	37.61	37.70
2		37.70	37.61	37.70
3		37.70	37.61	37.70
4		37.70	37.61	37.70
5		37.71	37.61	37.70
6		37.71	37.62	37.70
7		37.71	37.61	37.70
0	2660+2680	36.69	37.66	37.69

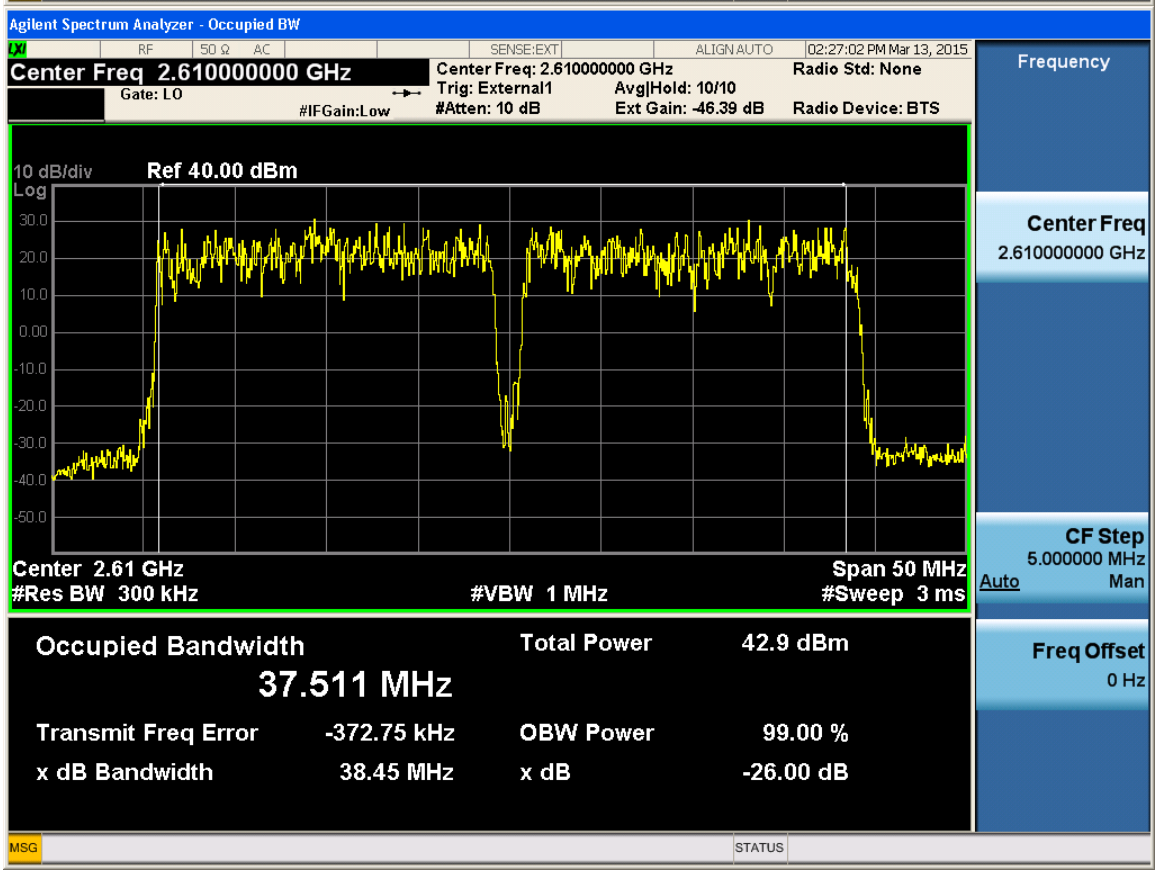
Port	Carrier Freq. c1+c2(MHz)	Occupied Bandwidth(MHz)		
		QPSK	16QAM	64QAM
1		36.69	37.66	37.69
2		36.69	37.66	37.69
3		36.69	37.66	37.69
4		36.69	37.66	37.69
5		36.69	37.66	37.69
6		36.69	37.66	37.69
7		36.69	37.66	37.69

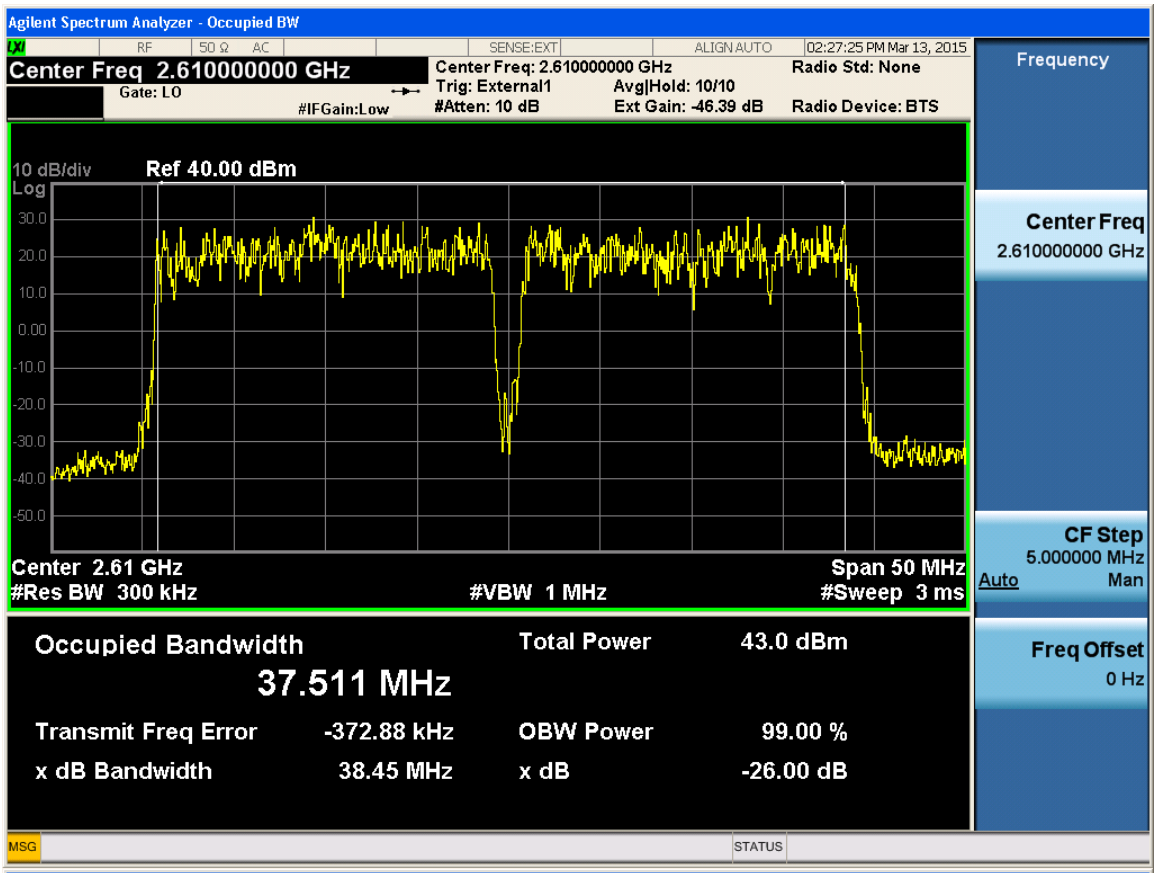


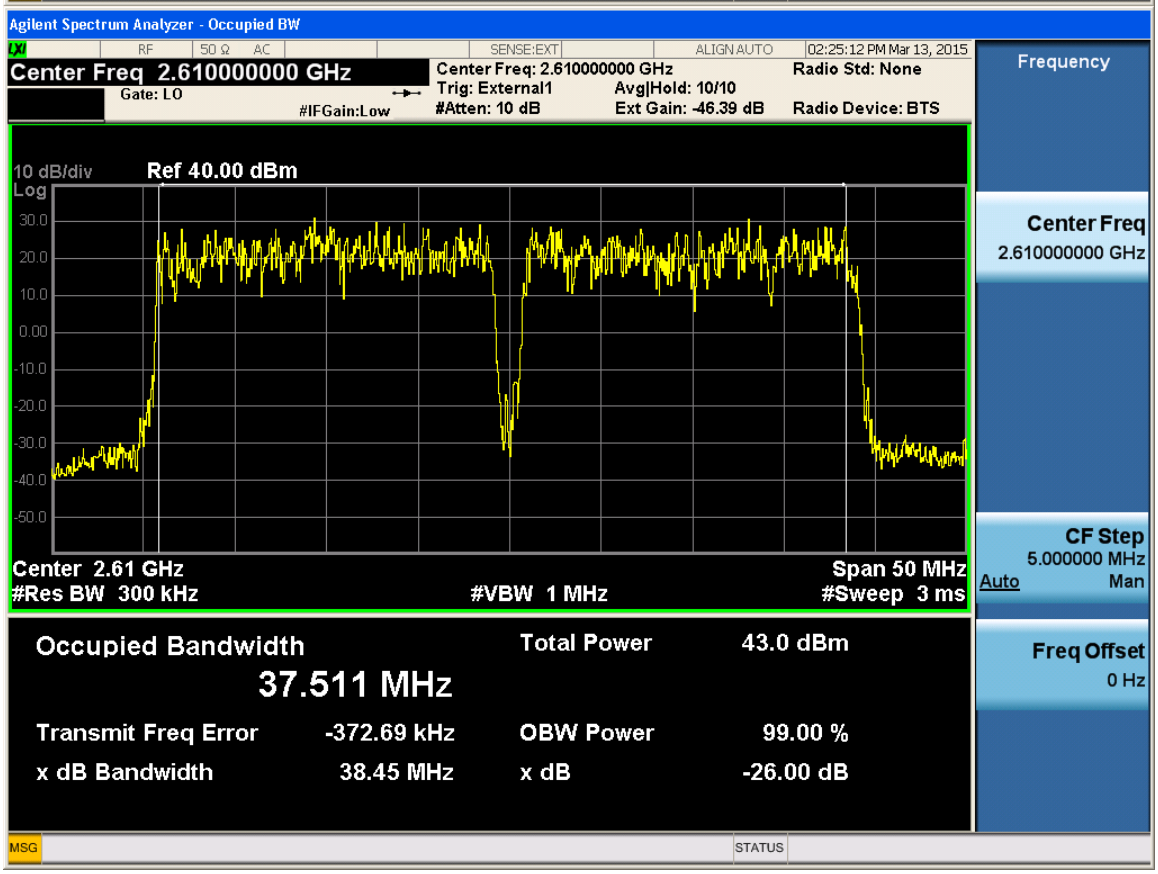

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:26:06 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.511 MHz
Total Power
43.0 dBm
Transmit Freq Error
-372.82 kHz
OBW Power
99.00 %
x dB Bandwidth
38.45 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

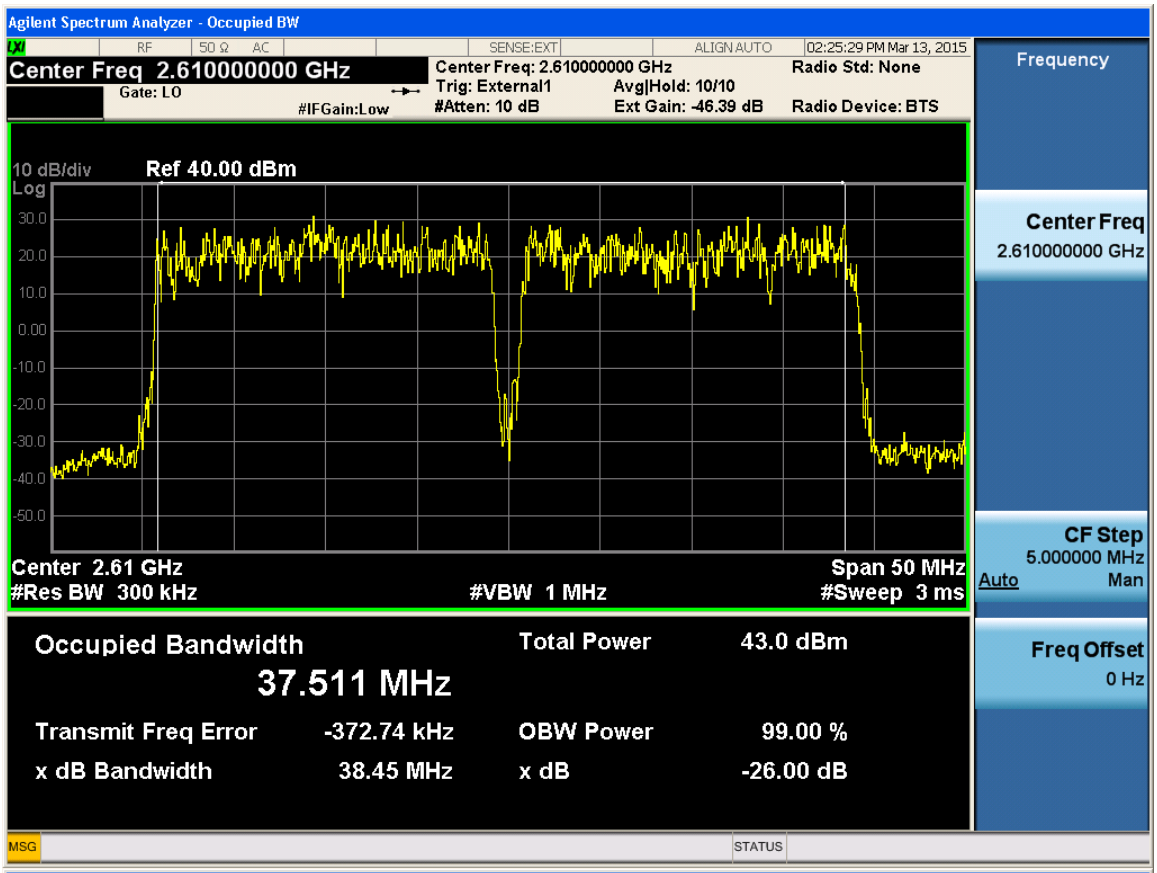

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:26:21 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.511 MHz
Total Power
43.0 dBm
Transmit Freq Error
-372.91 kHz
OBW Power
99.00 %
x dB Bandwidth
38.45 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

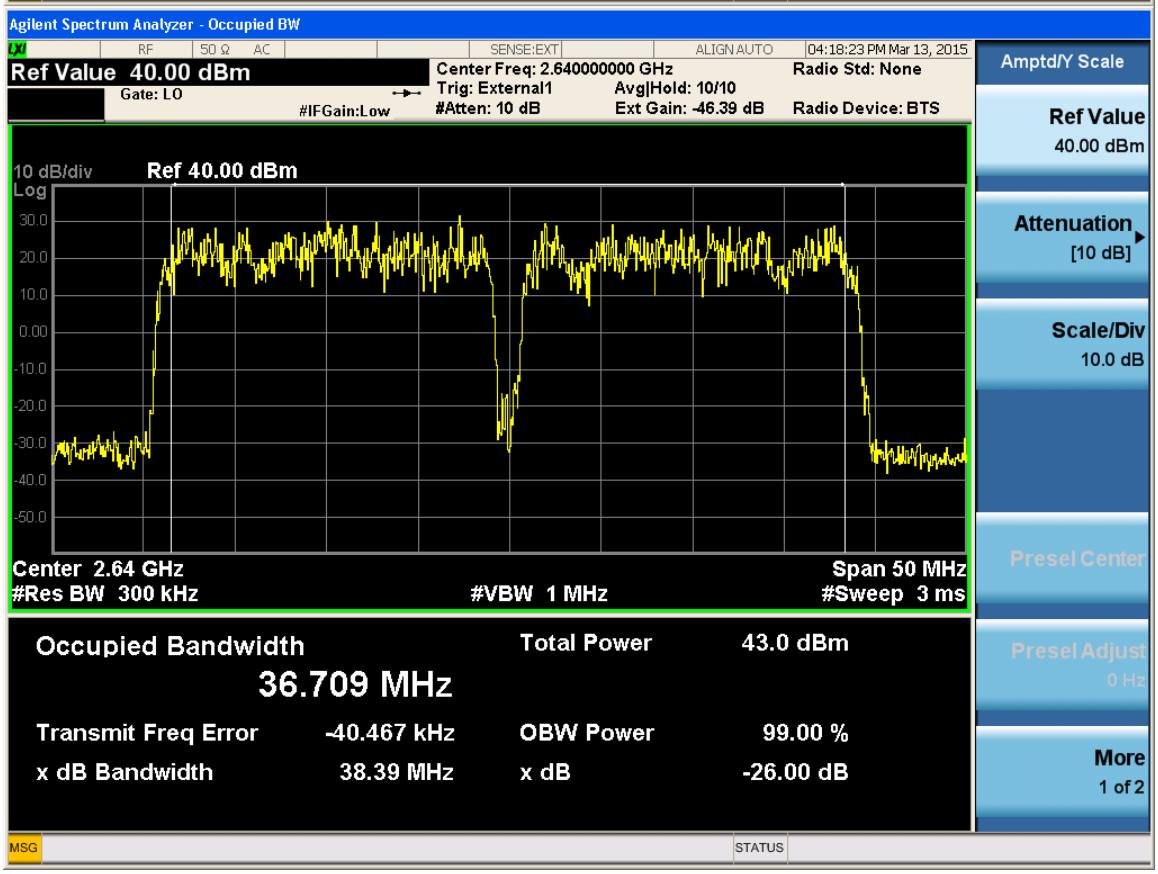

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:26:47 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.511 MHz
Total Power
42.9 dBm
Transmit Freq Error
-372.70 kHz
OBW Power
99.00 %
x dB Bandwidth
38.45 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

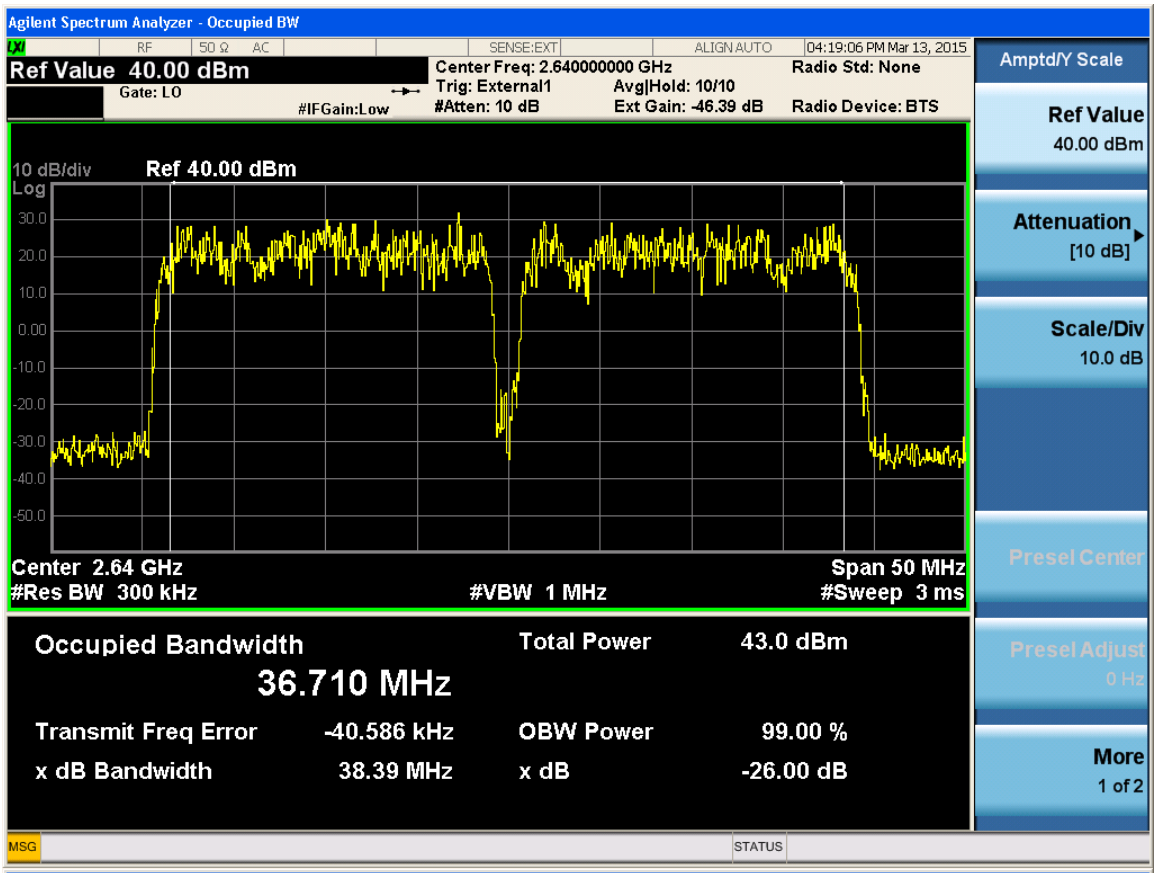

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:27:02 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.511 MHz
Total Power
42.9 dBm
Transmit Freq Error
-372.75 kHz
OBW Power
99.00 %
x dB Bandwidth
38.45 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

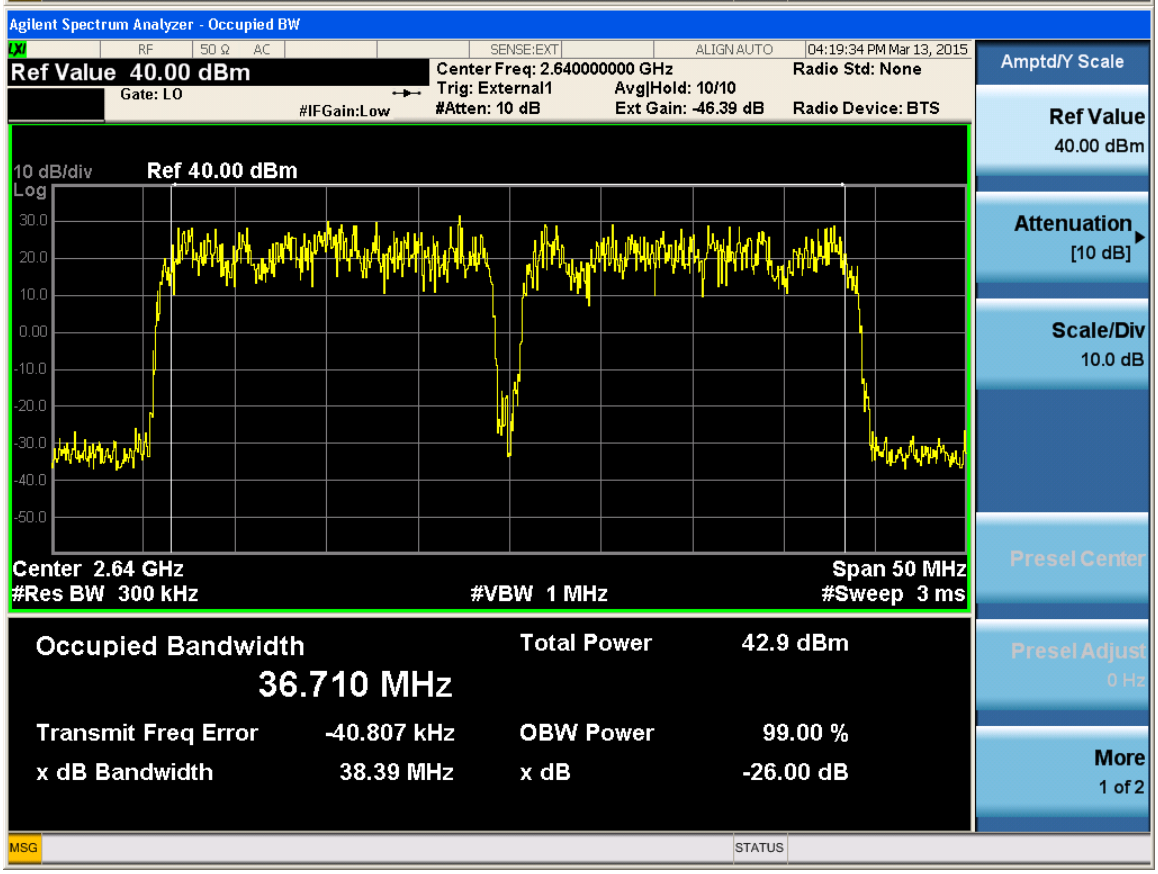

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:27:25 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.511 MHz
Total Power 43.0 dBm
Transmit Freq Error -372.88 kHz
OBW Power 99.00 %
x dB Bandwidth 38.45 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

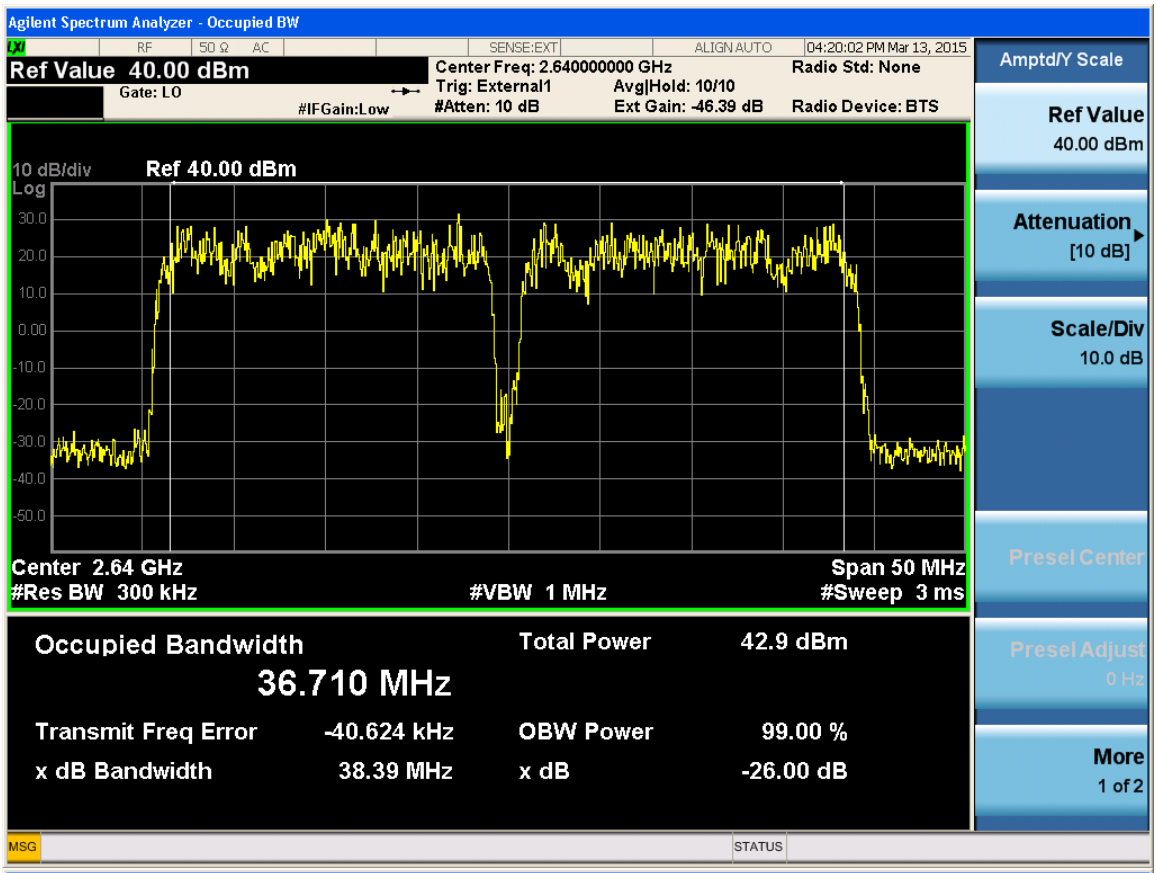

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:25:12 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.511 MHz
Total Power 43.0 dBm
Transmit Freq Error -372.69 kHz
OBW Power 99.00 %
x dB Bandwidth 38.45 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

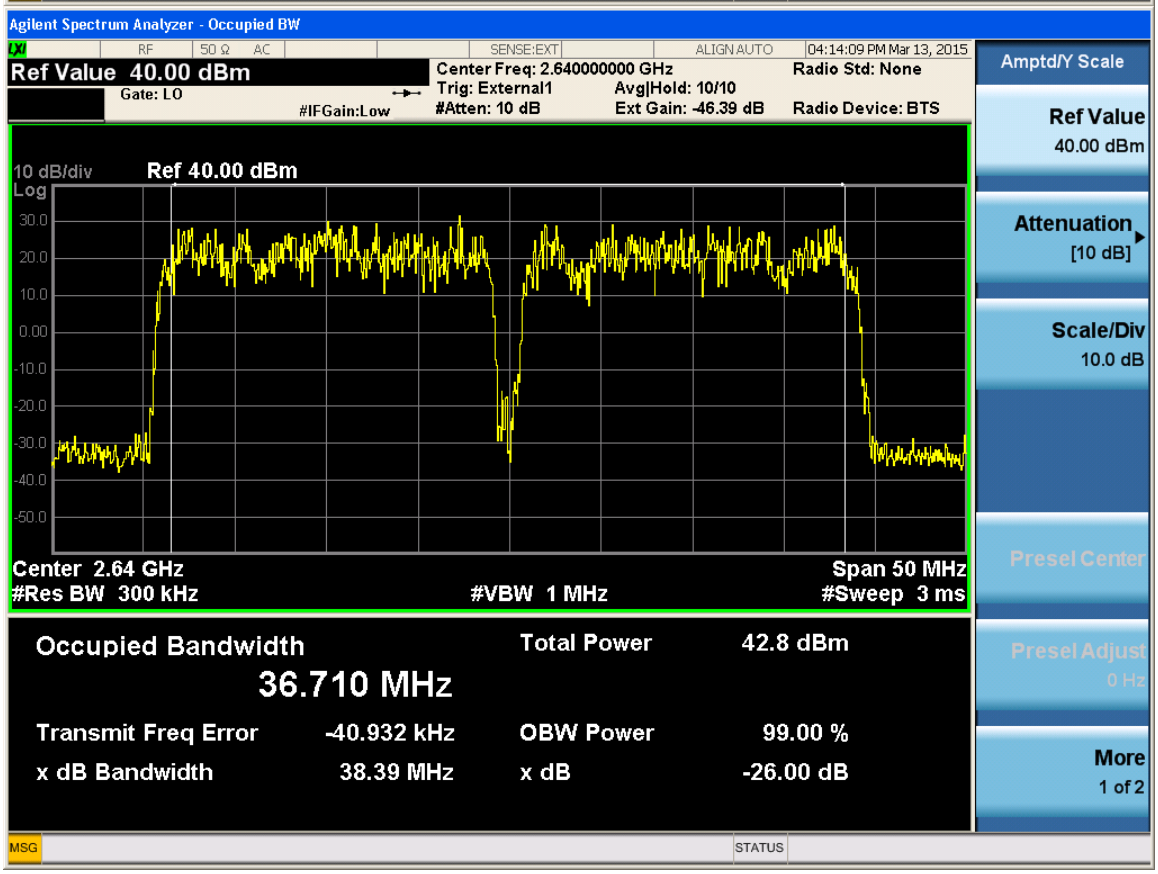

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:25:29 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.511 MHz
Total Power 43.0 dBm
Transmit Freq Error -372.74 kHz
OBW Power 99.00 %
x dB Bandwidth 38.45 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

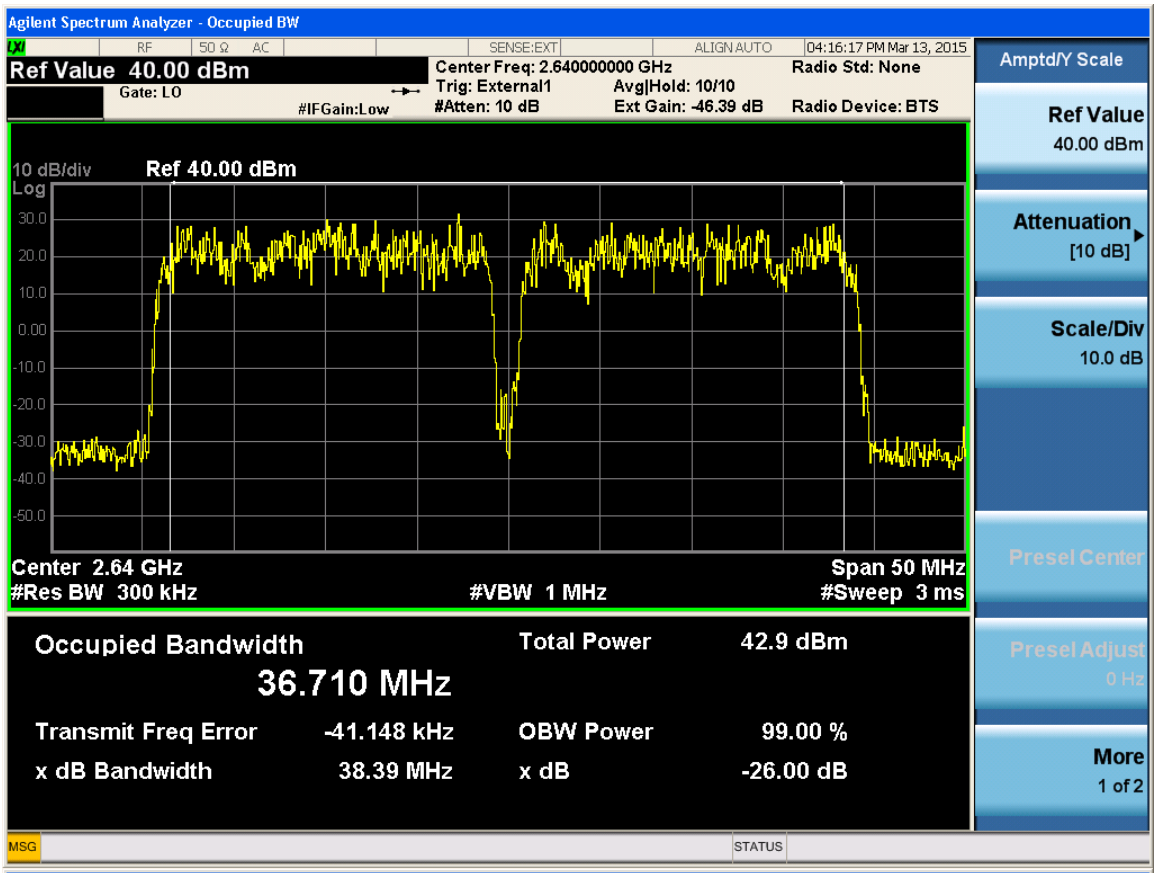

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:18:23 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.709 MHz
Total Power 43.0 dBm
Transmit Freq Error -40.467 kHz
OBW Power 99.00 %
x dB Bandwidth 38.39 MHz
x dB -26.00 dB
Ref Value
40.00 dBm
Attenuation
[10 dB]
Scale/Div
10.0 dB
Presel Center
Presel Adjust
0 Hz
More
1 of 2
MSG
STATUS

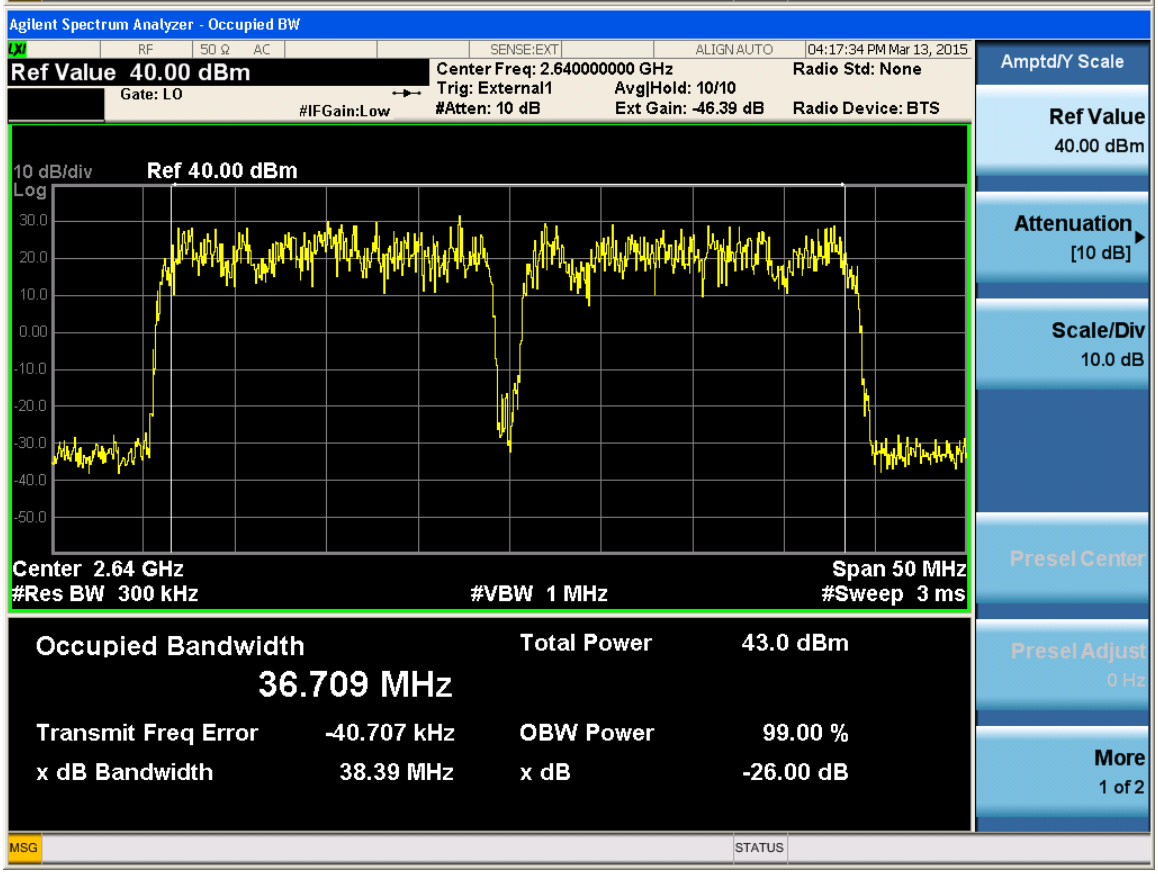

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:19:06 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.710 MHz
Total Power 43.0 dBm
Transmit Freq Error -40.586 kHz
OBW Power 99.00 %
x dB Bandwidth 38.39 MHz
x dB -26.00 dB
MSG
STATUS

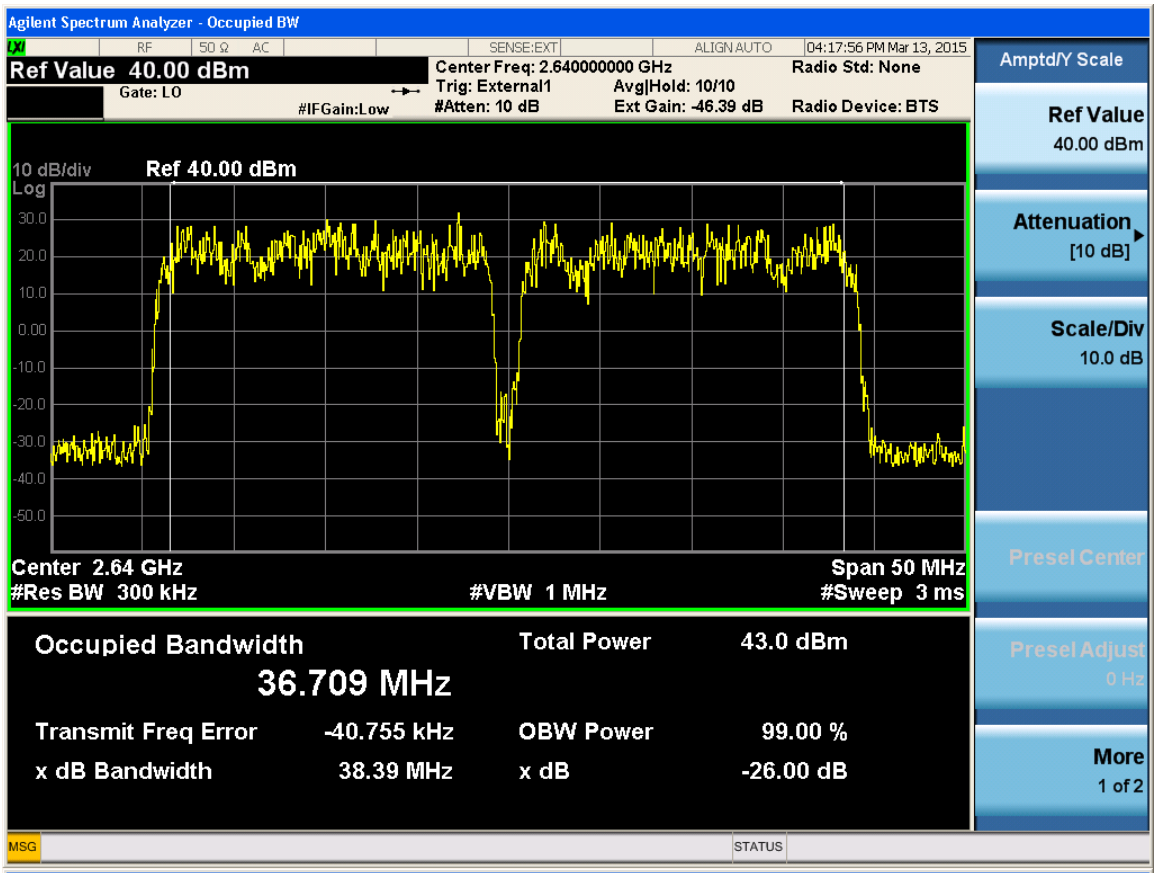

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:19:34 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.710 MHz
Total Power 42.9 dBm
Transmit Freq Error -40.807 kHz
OBW Power 99.00 %
x dB Bandwidth 38.39 MHz
x dB -26.00 dB
MSG
STATUS

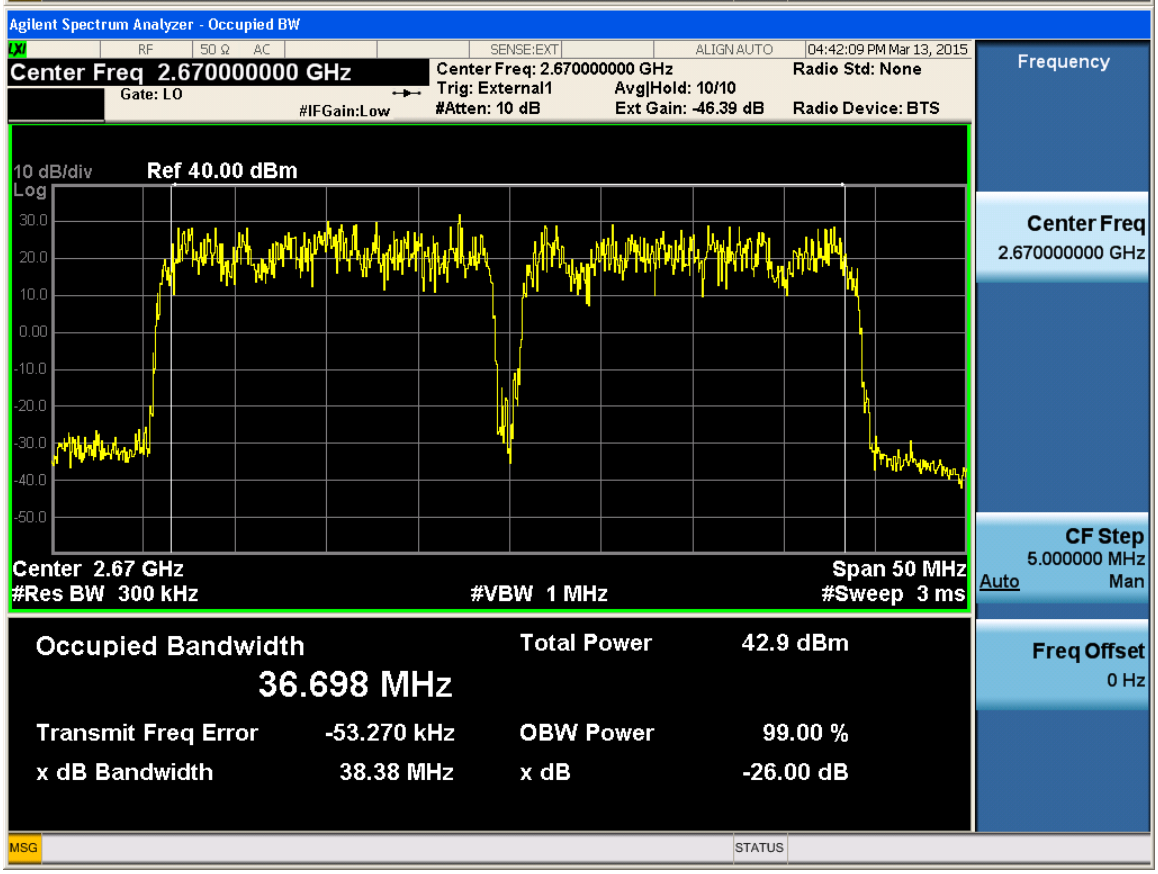

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:20:02 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.710 MHz
Total Power 42.9 dBm
Transmit Freq Error -40.624 kHz
OBW Power 99.00 %
x dB Bandwidth 38.39 MHz
x dB -26.00 dB
MSG
STATUS

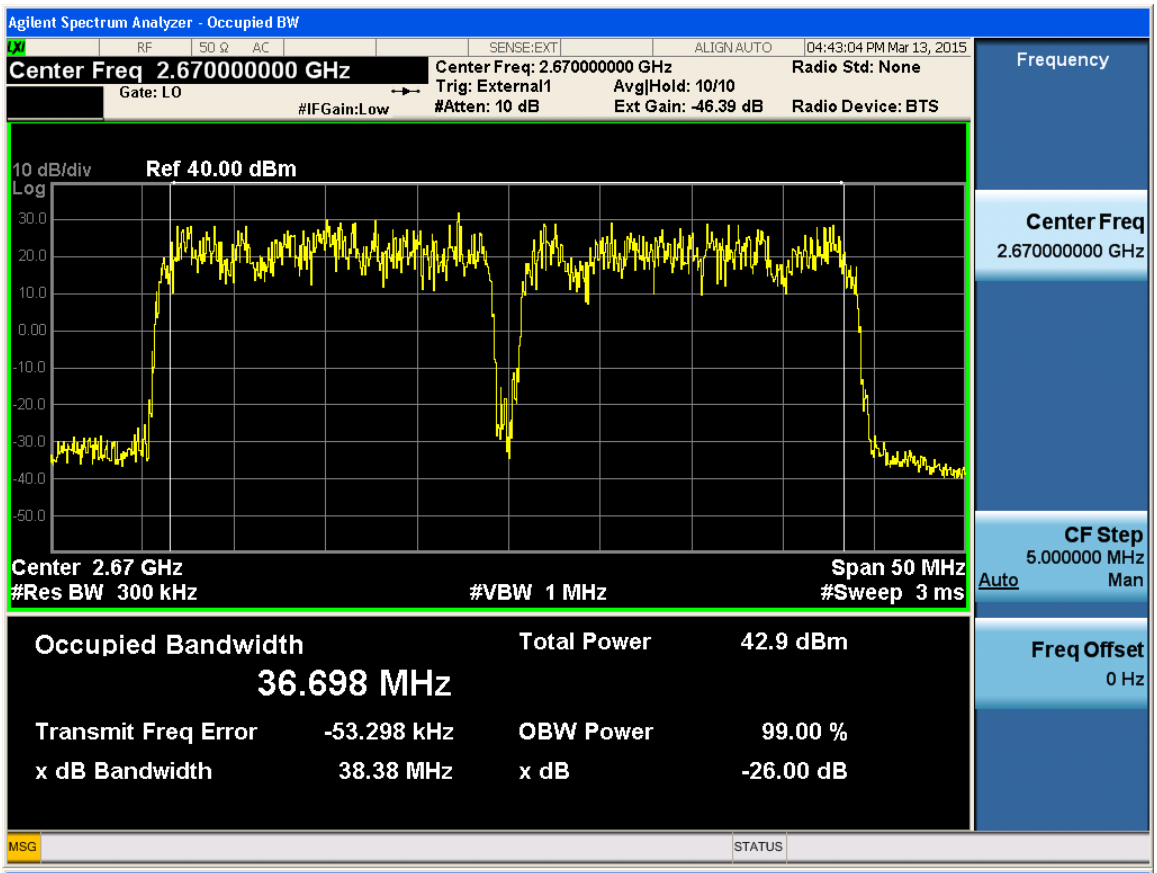

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:14:09 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.710 MHz
Total Power 42.8 dBm
Transmit Freq Error -40.932 kHz
OBW Power 99.00 %
x dB Bandwidth 38.39 MHz
x dB -26.00 dB
MSG
STATUS

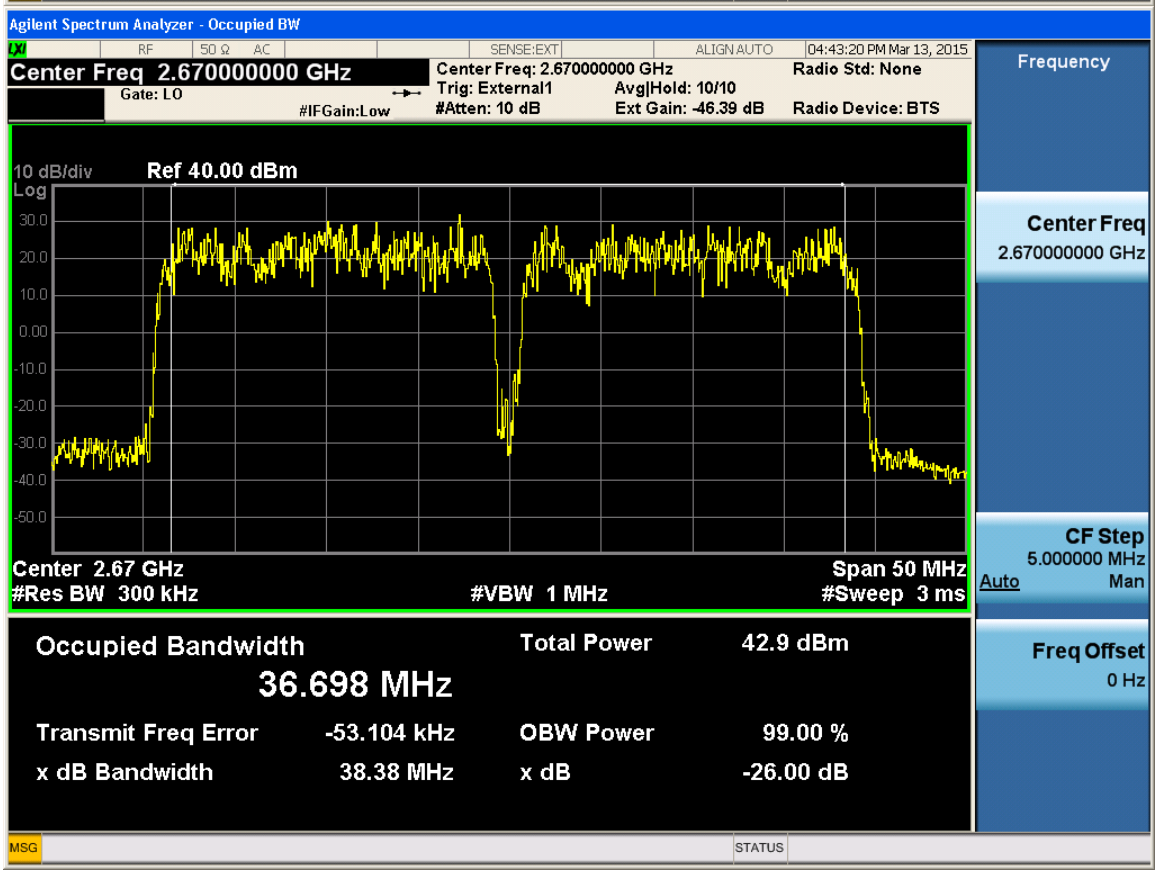

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:16:17 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.710 MHz
Total Power 42.9 dBm
Transmit Freq Error -41.148 kHz
OBW Power 99.00 %
x dB Bandwidth 38.39 MHz
x dB -26.00 dB
MSG
STATUS

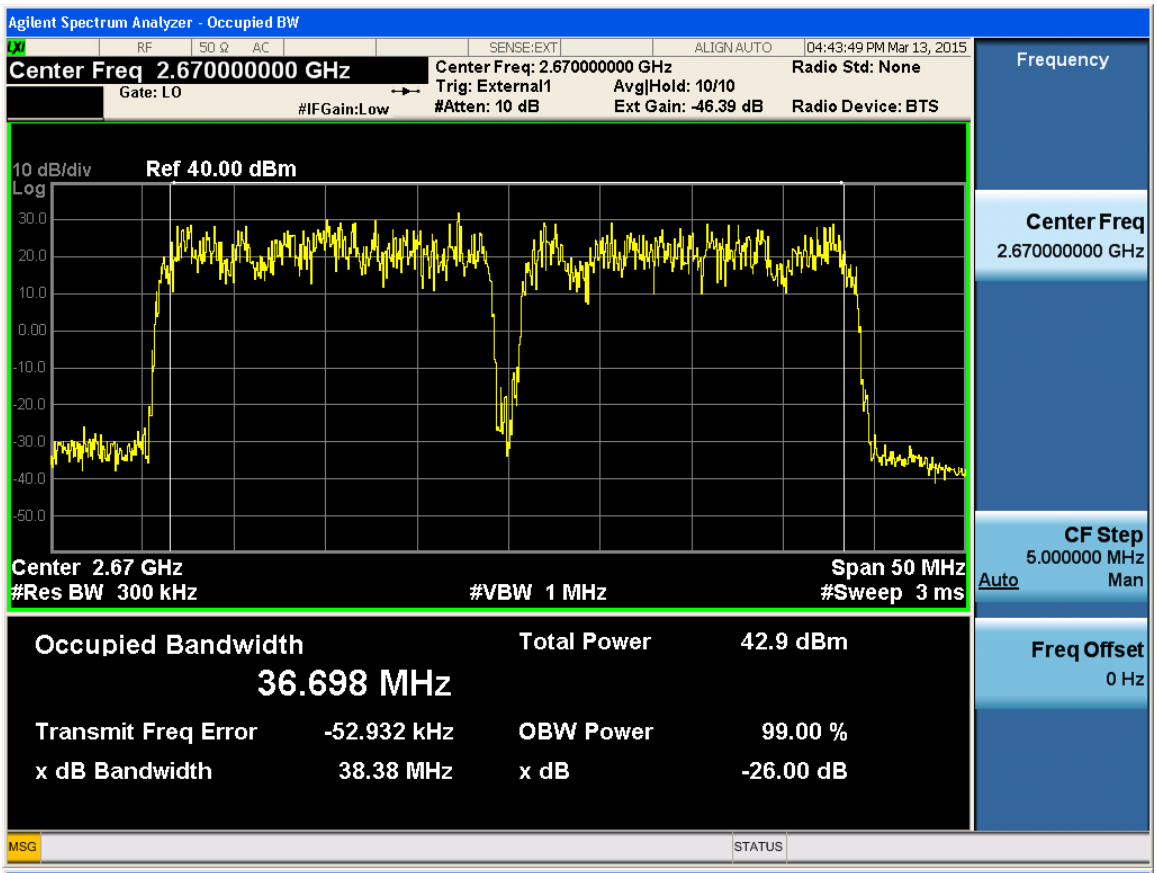

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:17:34 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.709 MHz
Total Power 43.0 dBm
Transmit Freq Error -40.707 kHz
OBW Power 99.00 %
x dB Bandwidth 38.39 MHz
x dB -26.00 dB
MSG
STATUS

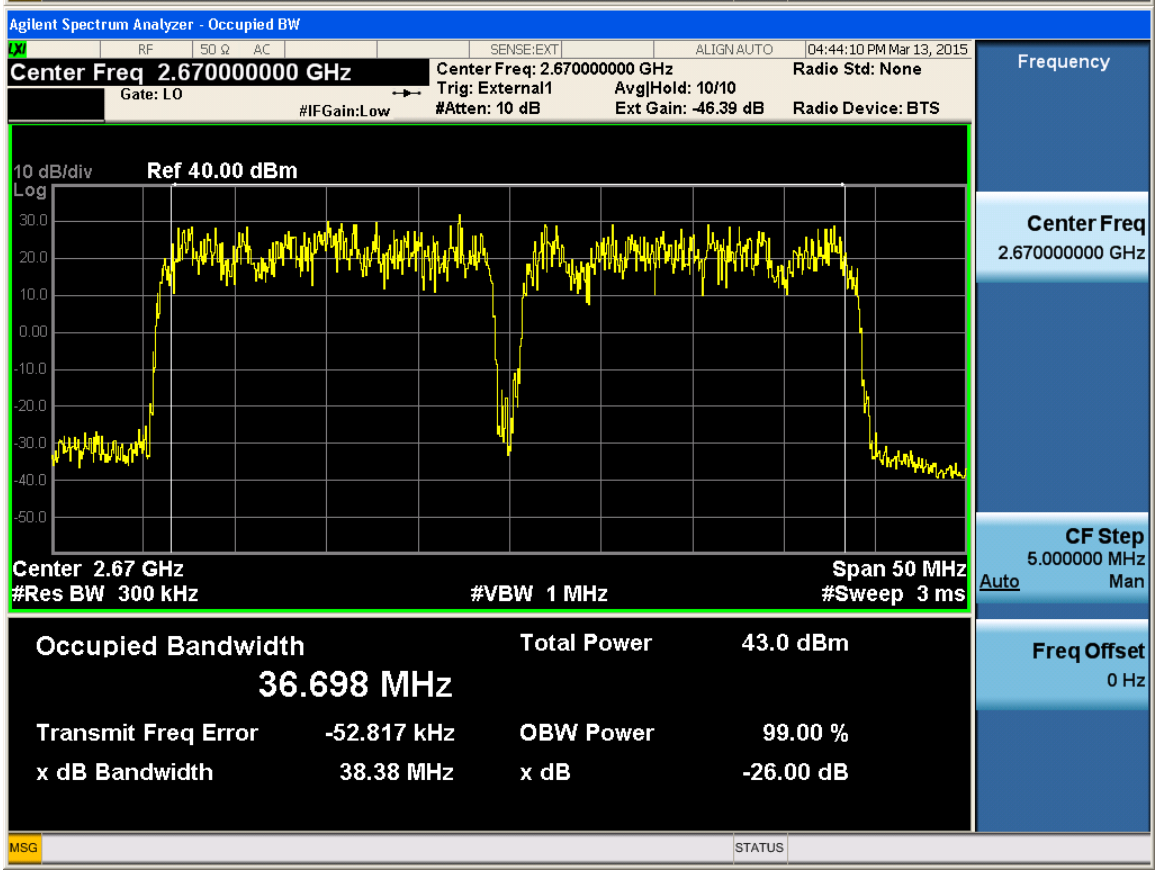

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:17:56 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value
40.00 dBm
Attenuation
[10 dB]
Scale/Div
10.0 dB
Presel Center
Presel Adjust
0 Hz
More
1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.709 MHz
Total Power
43.0 dBm
Transmit Freq Error
-40.755 kHz
OBW Power
99.00 %
x dB Bandwidth
38.39 MHz
x dB
-26.00 dB
MSG
STATUS

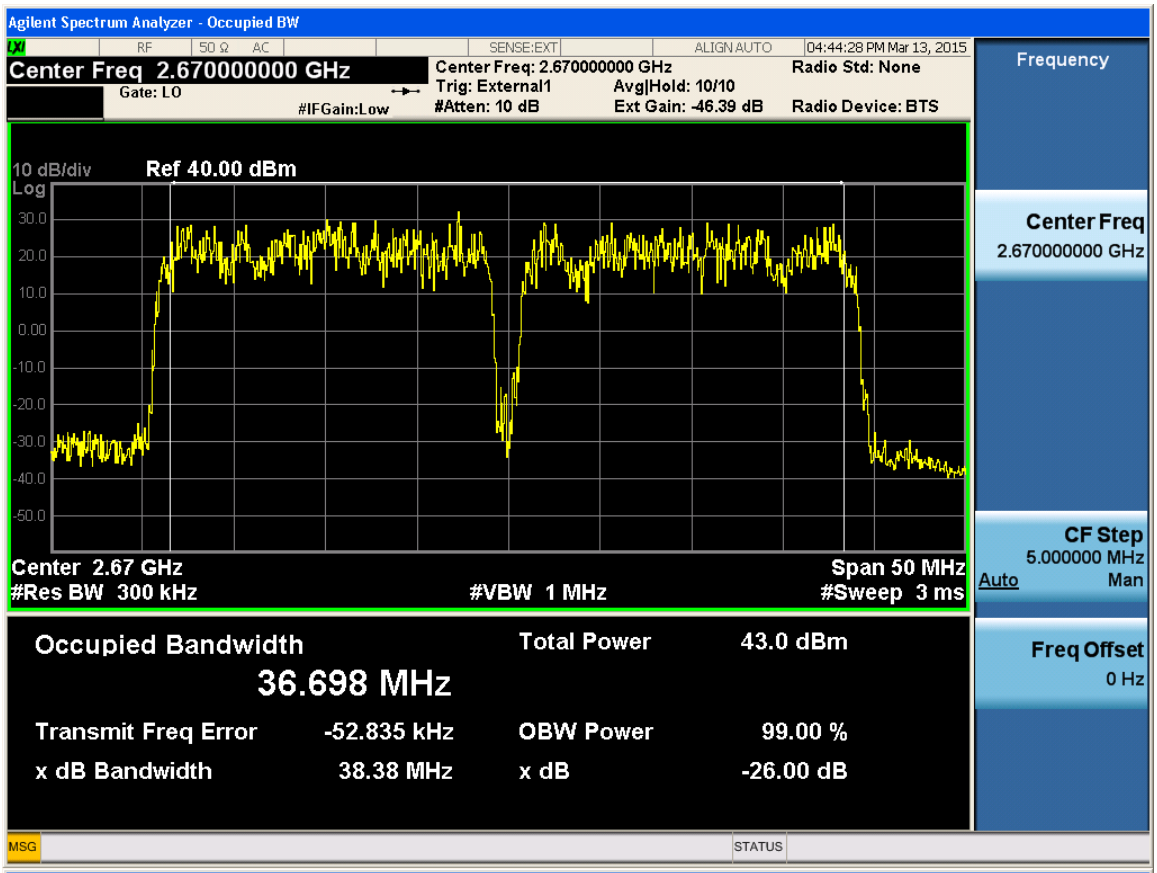

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:42:09 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
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 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power
42.9 dBm
Transmit Freq Error
-53.270 kHz
OBW Power
99.00 %
x dB Bandwidth
38.38 MHz
x dB
-26.00 dB
MSG
STATUS

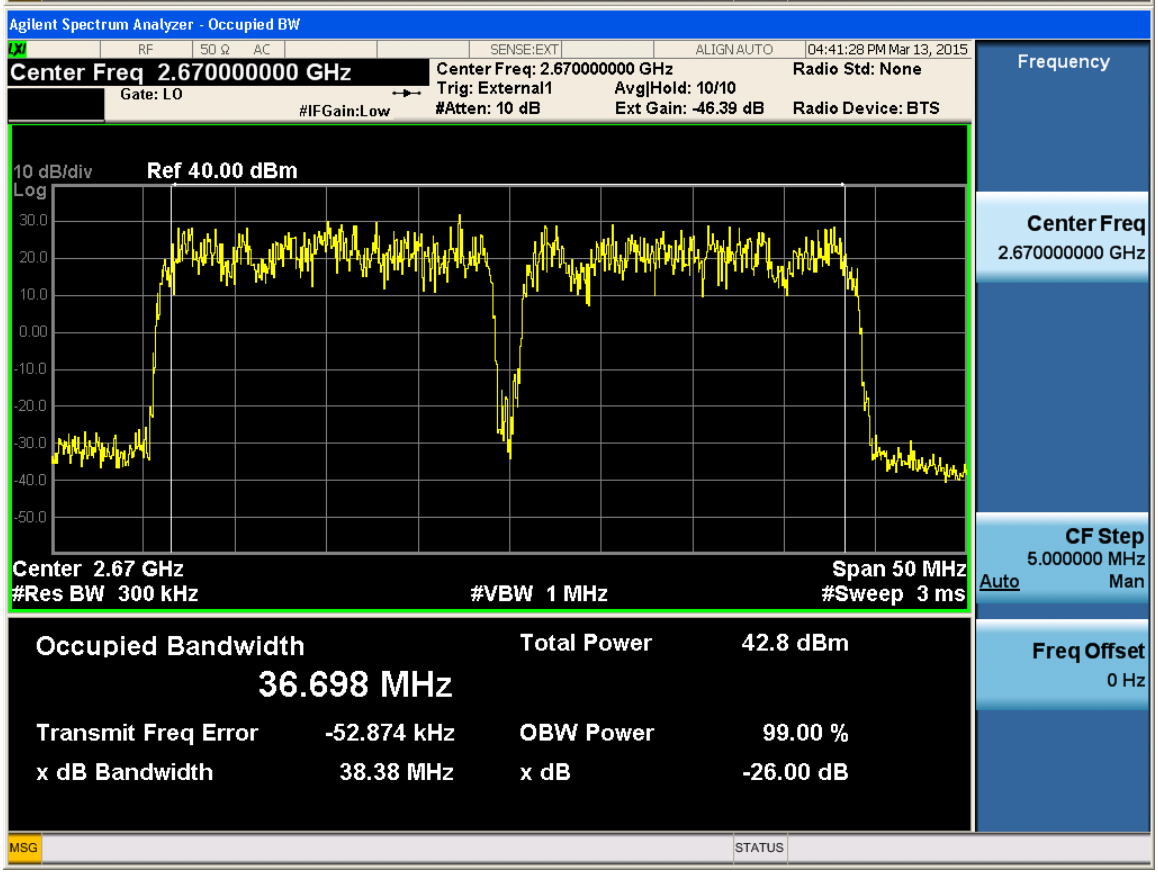

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:43:04 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power 42.9 dBm
Transmit Freq Error -53.298 kHz
OBW Power 99.00 %
x dB Bandwidth 38.38 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

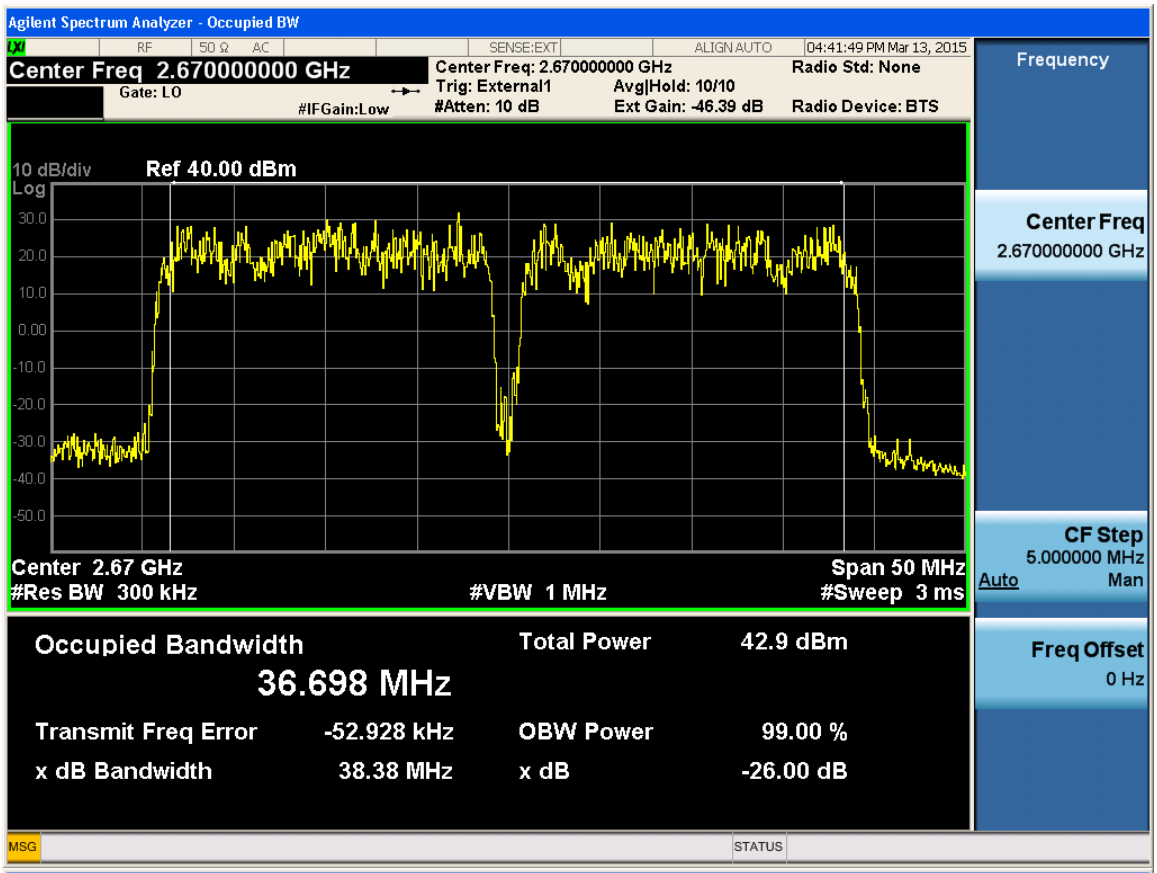

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:43:20 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power 42.9 dBm
Transmit Freq Error -53.104 kHz
OBW Power 99.00 %
x dB Bandwidth 38.38 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

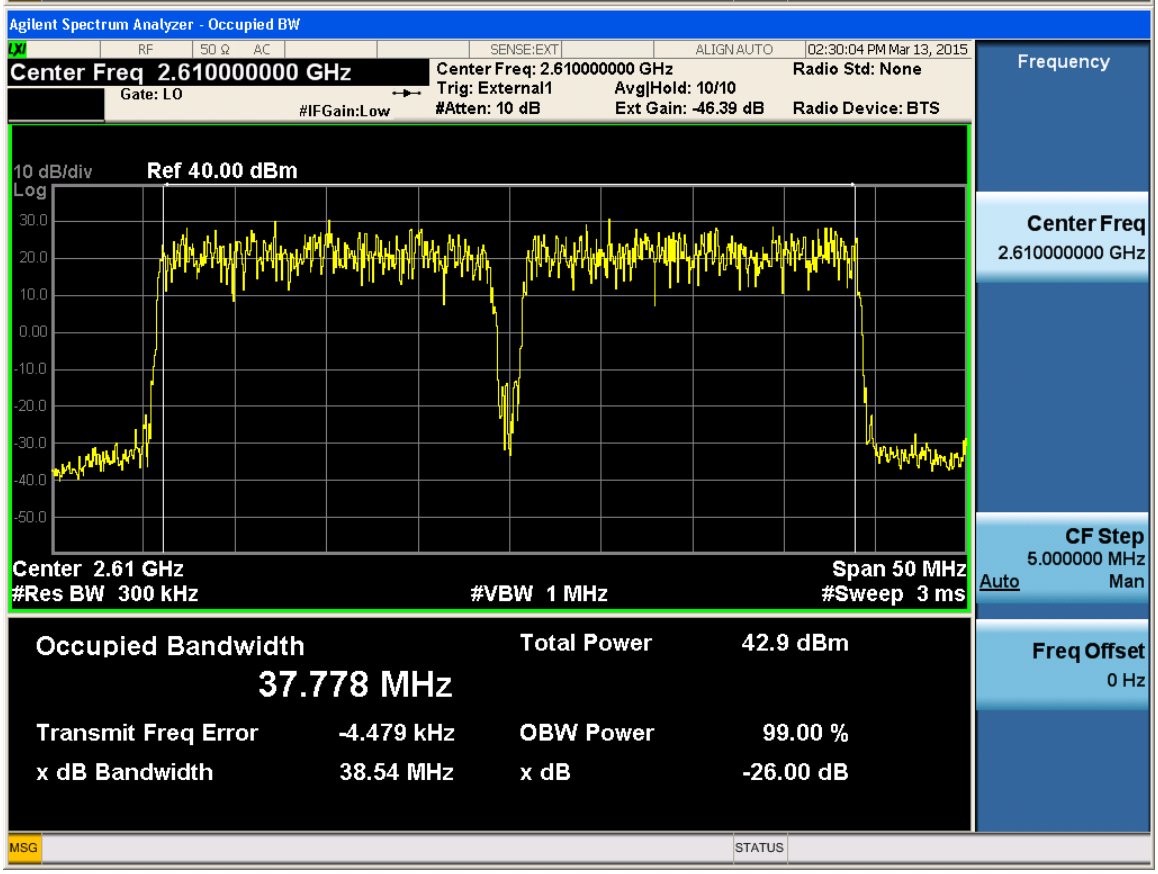

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:43:49 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power 42.9 dBm
Transmit Freq Error -52.932 kHz
OBW Power 99.00 %
x dB Bandwidth 38.38 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

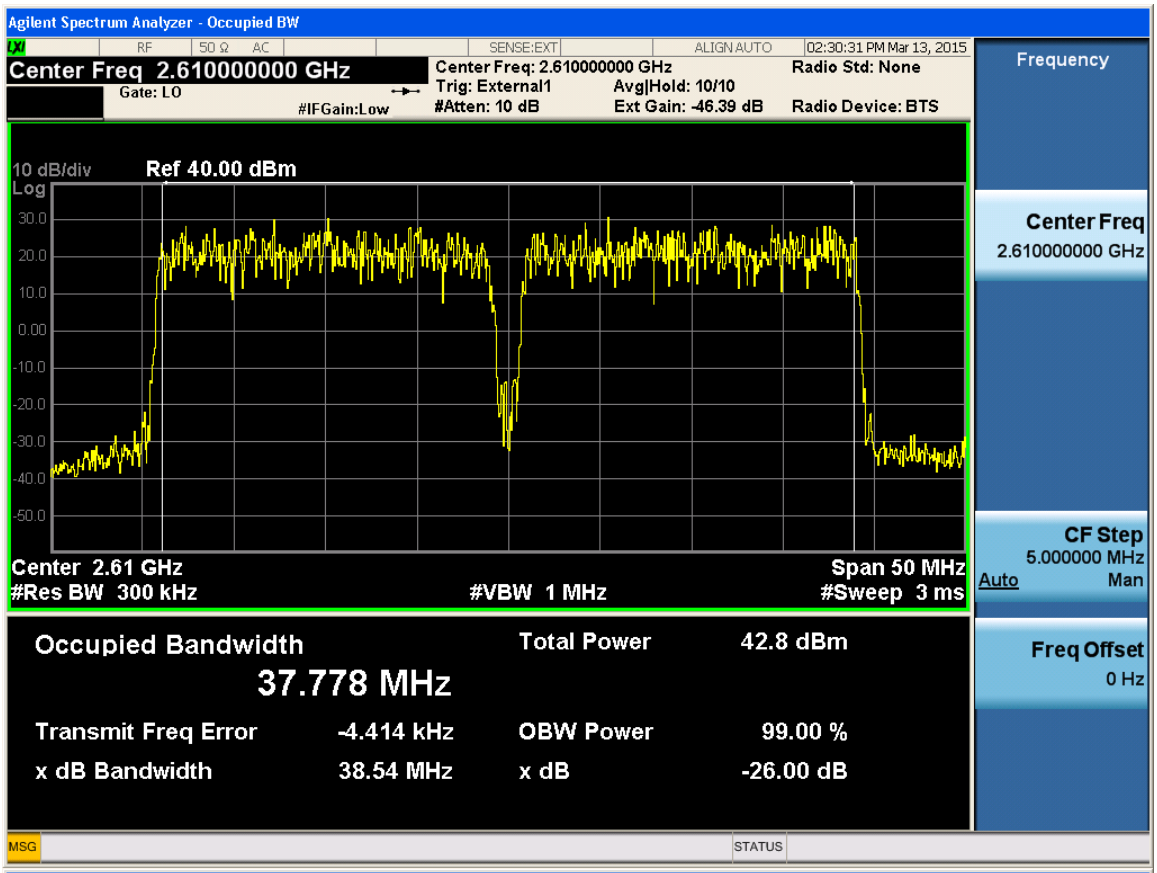

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:44:10 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power 43.0 dBm
Transmit Freq Error -52.817 kHz
OBW Power 99.00 %
x dB Bandwidth 38.38 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

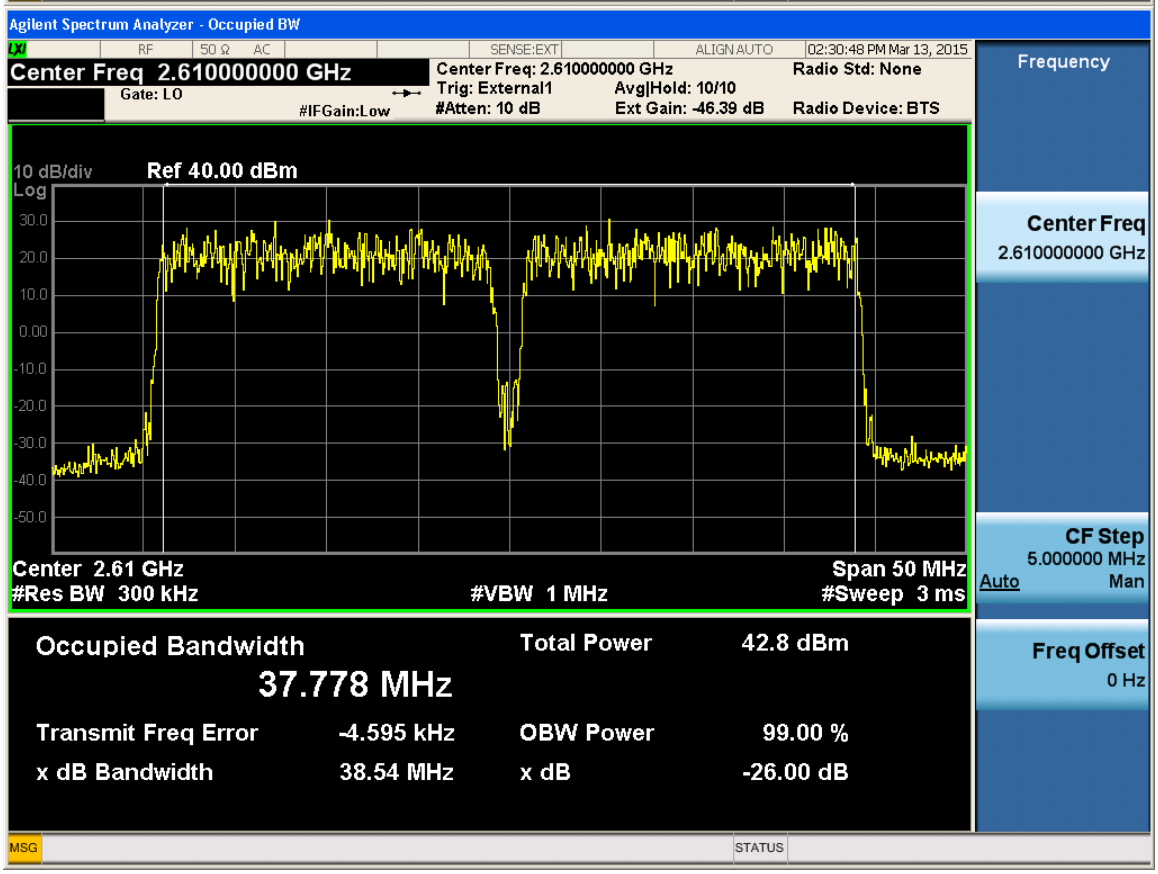

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:44:28 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power 43.0 dBm
Transmit Freq Error -52.835 kHz
OBW Power 99.00 %
x dB Bandwidth 38.38 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

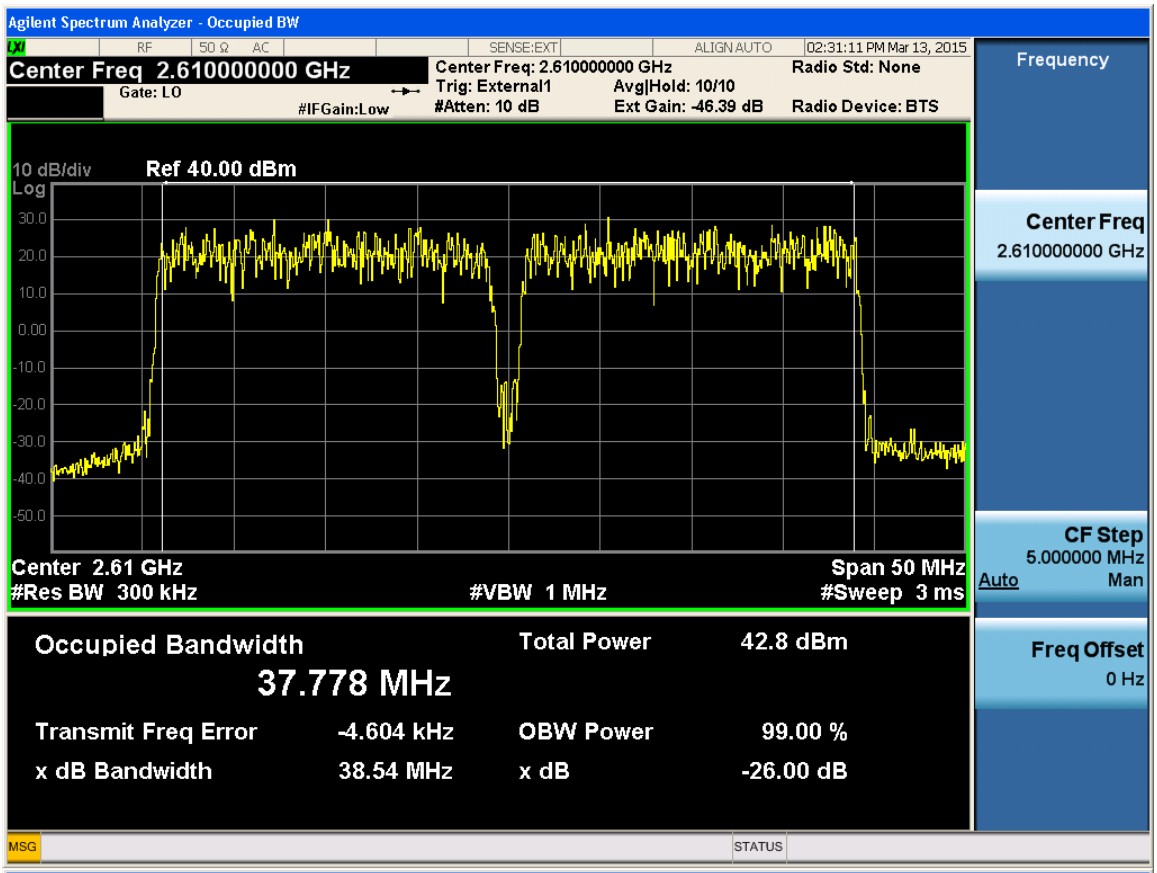

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:41:28 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power 42.8 dBm
Transmit Freq Error -52.874 kHz
OBW Power 99.00 %
x dB Bandwidth 38.38 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

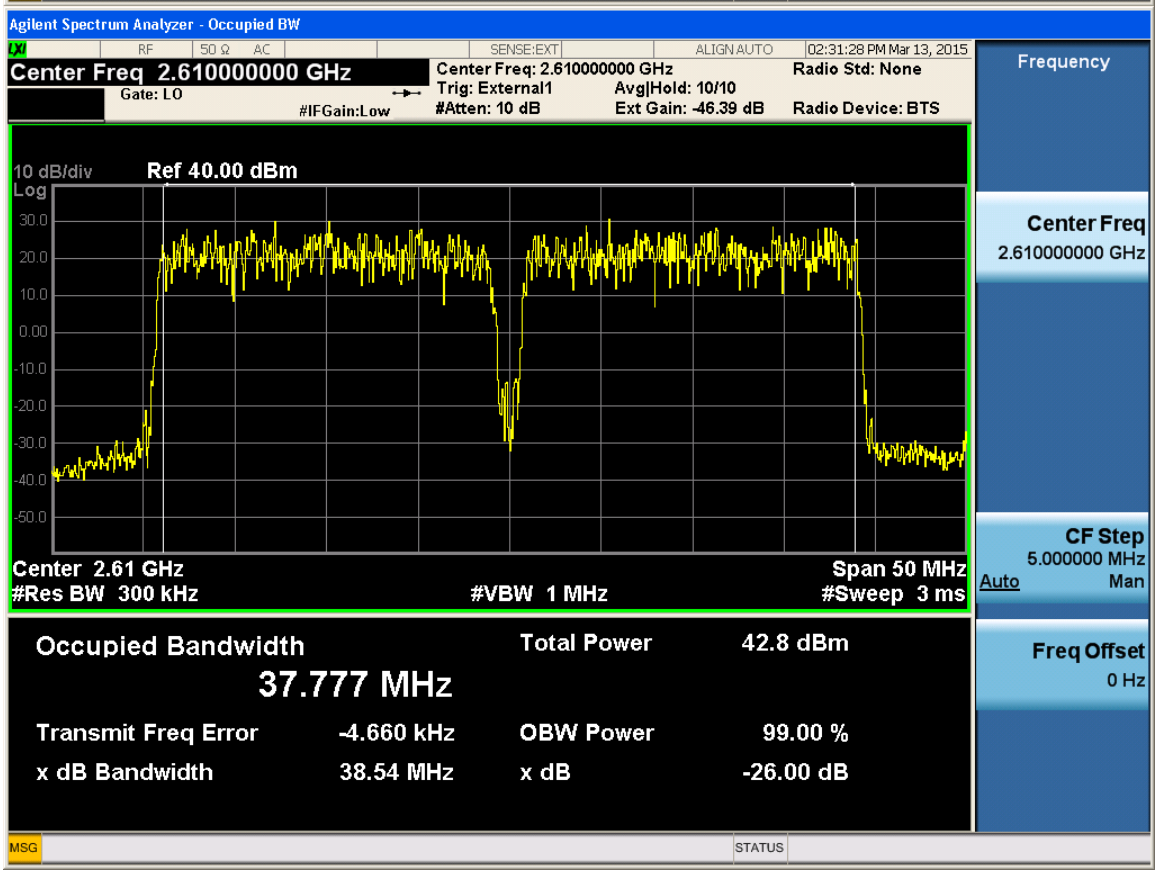

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:41:49 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
36.698 MHz
Total Power 42.9 dBm
Transmit Freq Error -52.928 kHz
OBW Power 99.00 %
x dB Bandwidth 38.38 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

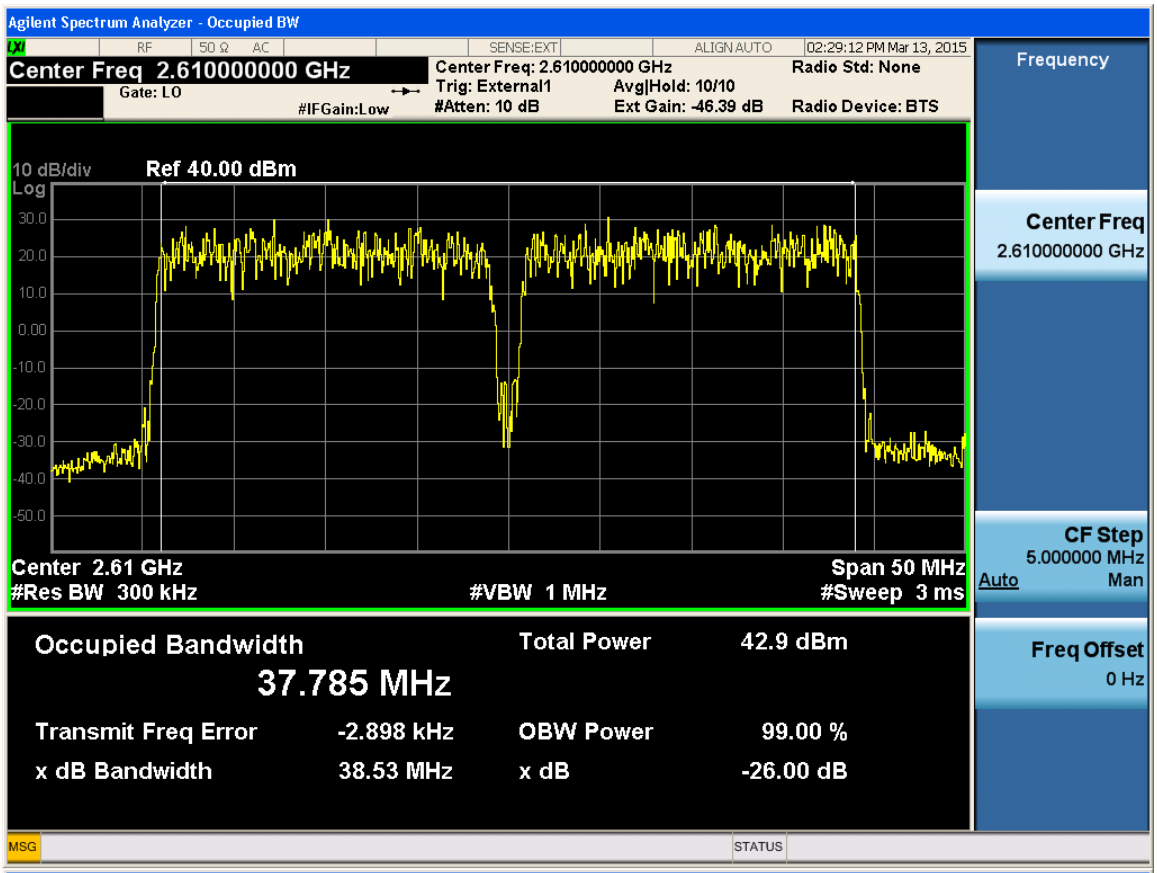

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:30:04 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.778 MHz
Total Power 42.9 dBm
Transmit Freq Error -4.479 kHz
OBW Power 99.00 %
x dB Bandwidth 38.54 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

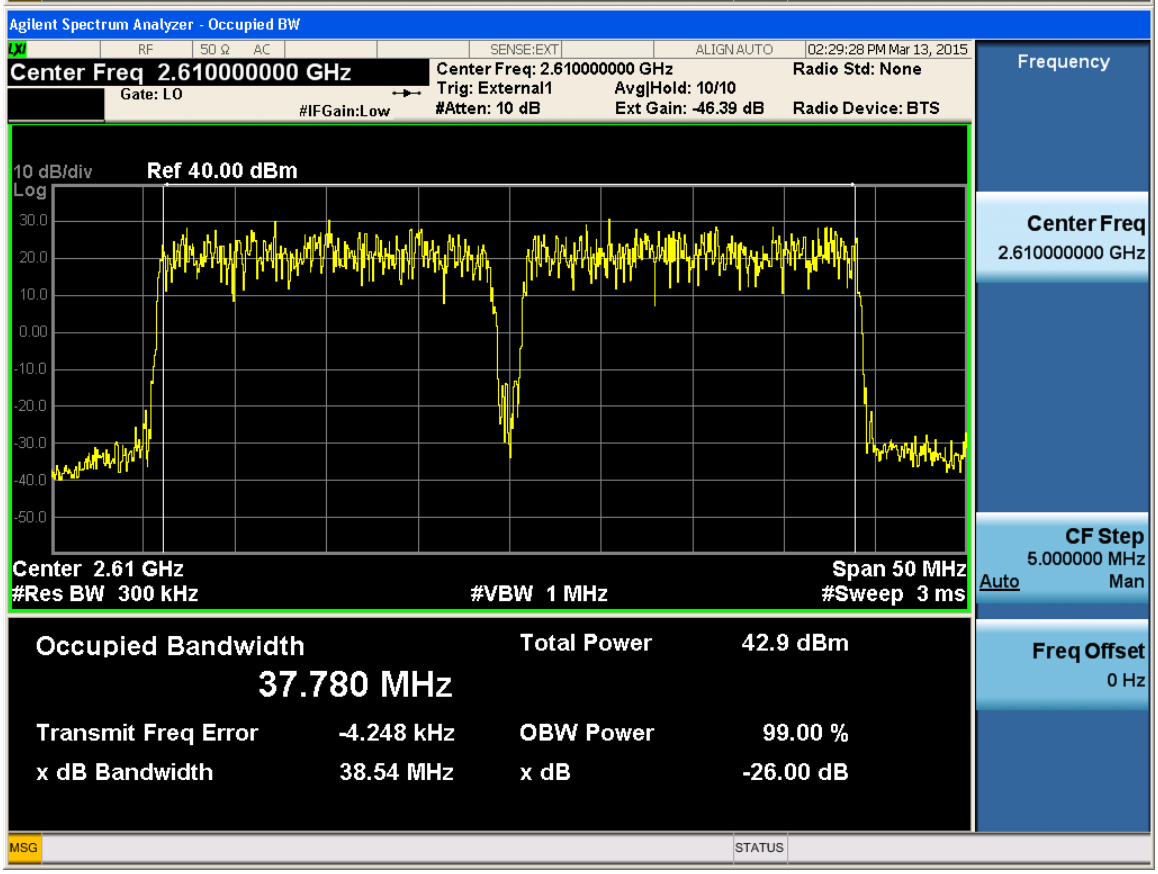

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:30:31 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.778 MHz
Total Power
42.8 dBm
Transmit Freq Error
-4.414 kHz
OBW Power
99.00 %
x dB Bandwidth
38.54 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

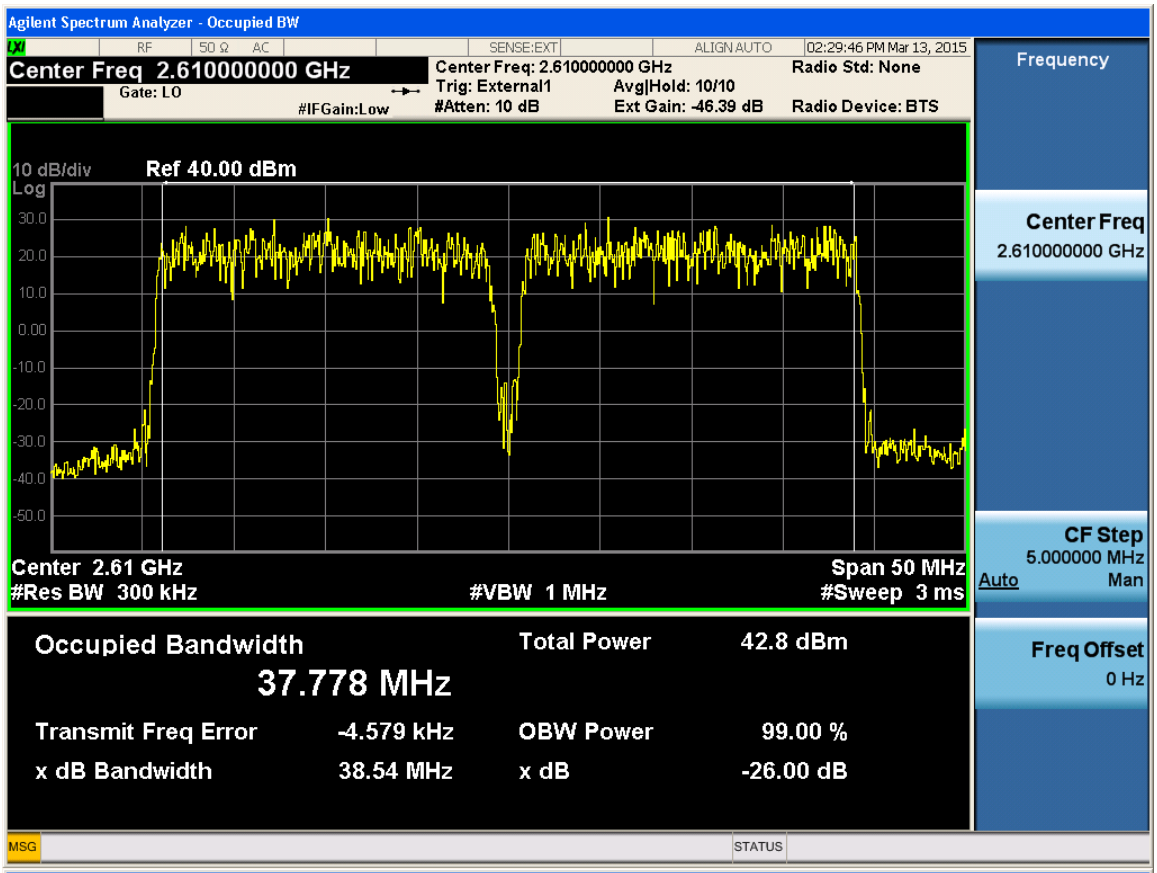

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:30:48 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.778 MHz
Total Power
42.8 dBm
Transmit Freq Error
-4.595 kHz
OBW Power
99.00 %
x dB Bandwidth
38.54 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

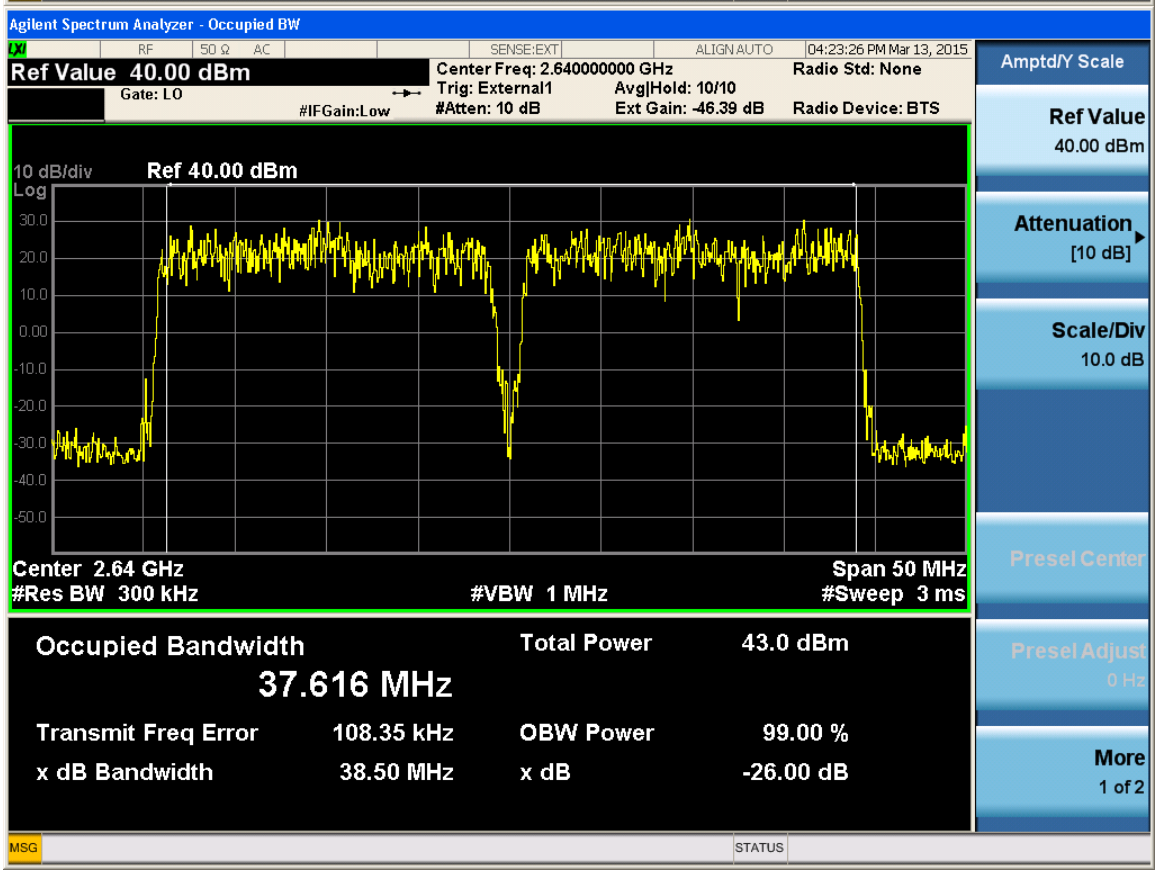

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:31:11 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.778 MHz
Total Power 42.8 dBm
Transmit Freq Error -4.604 kHz
OBW Power 99.00 %
x dB Bandwidth 38.54 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

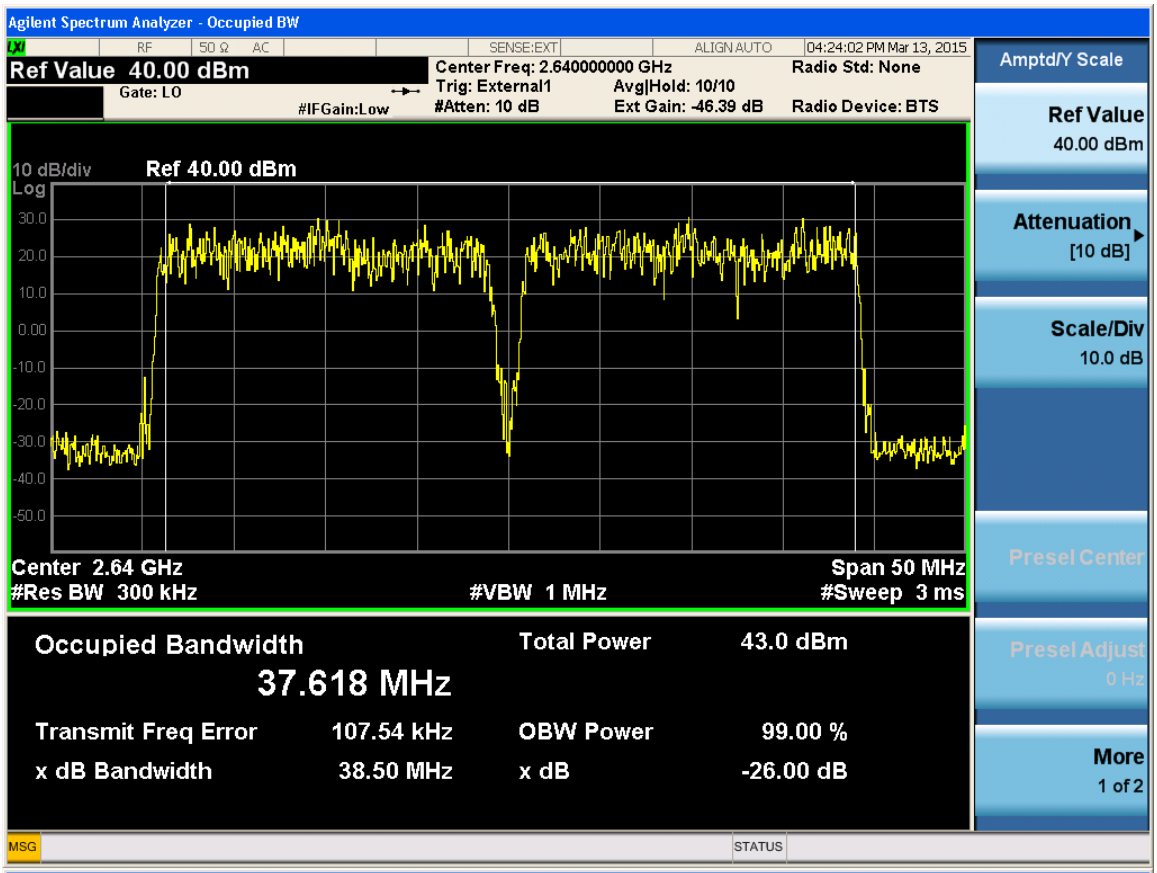

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:31:28 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.777 MHz
Total Power 42.8 dBm
Transmit Freq Error -4.660 kHz
OBW Power 99.00 %
x dB Bandwidth 38.54 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

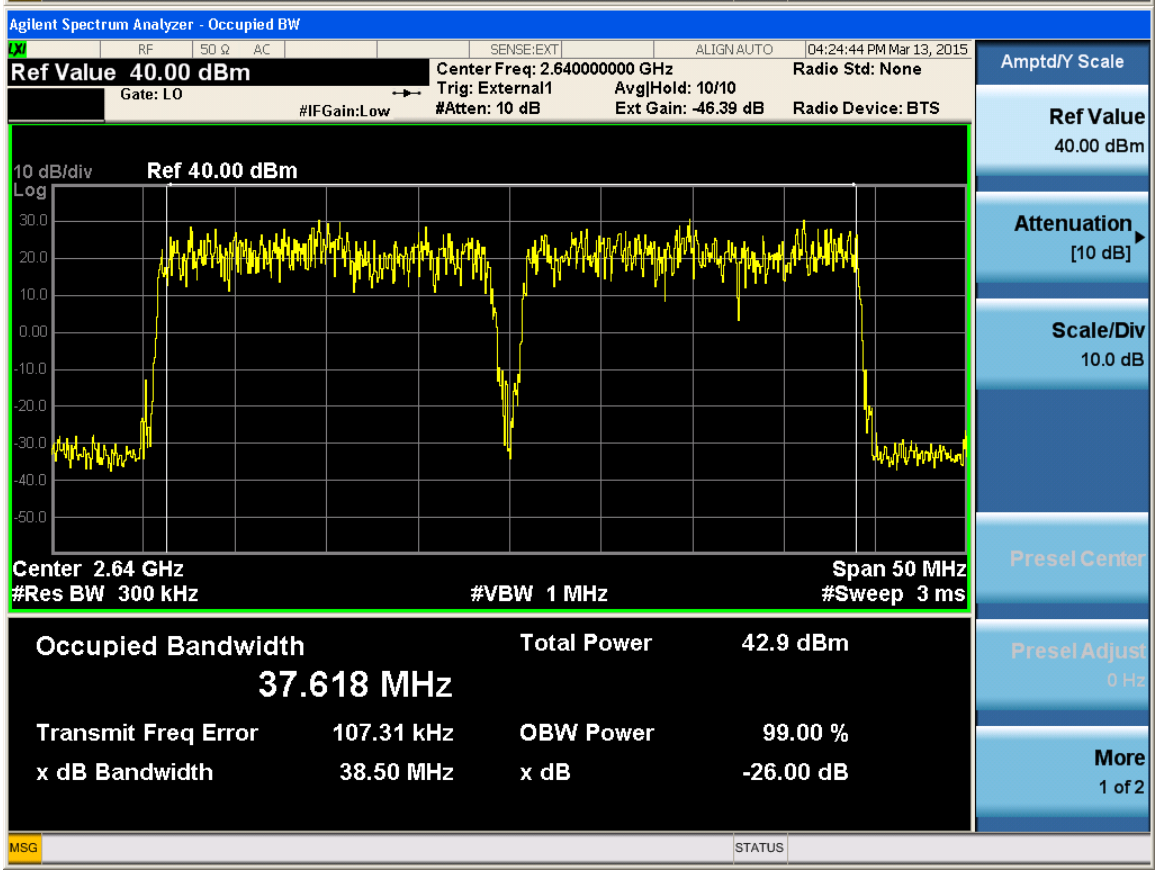

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:29:12 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.785 MHz
Total Power
42.9 dBm
Transmit Freq Error
-2.898 kHz
OBW Power
99.00 %
x dB Bandwidth
38.53 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

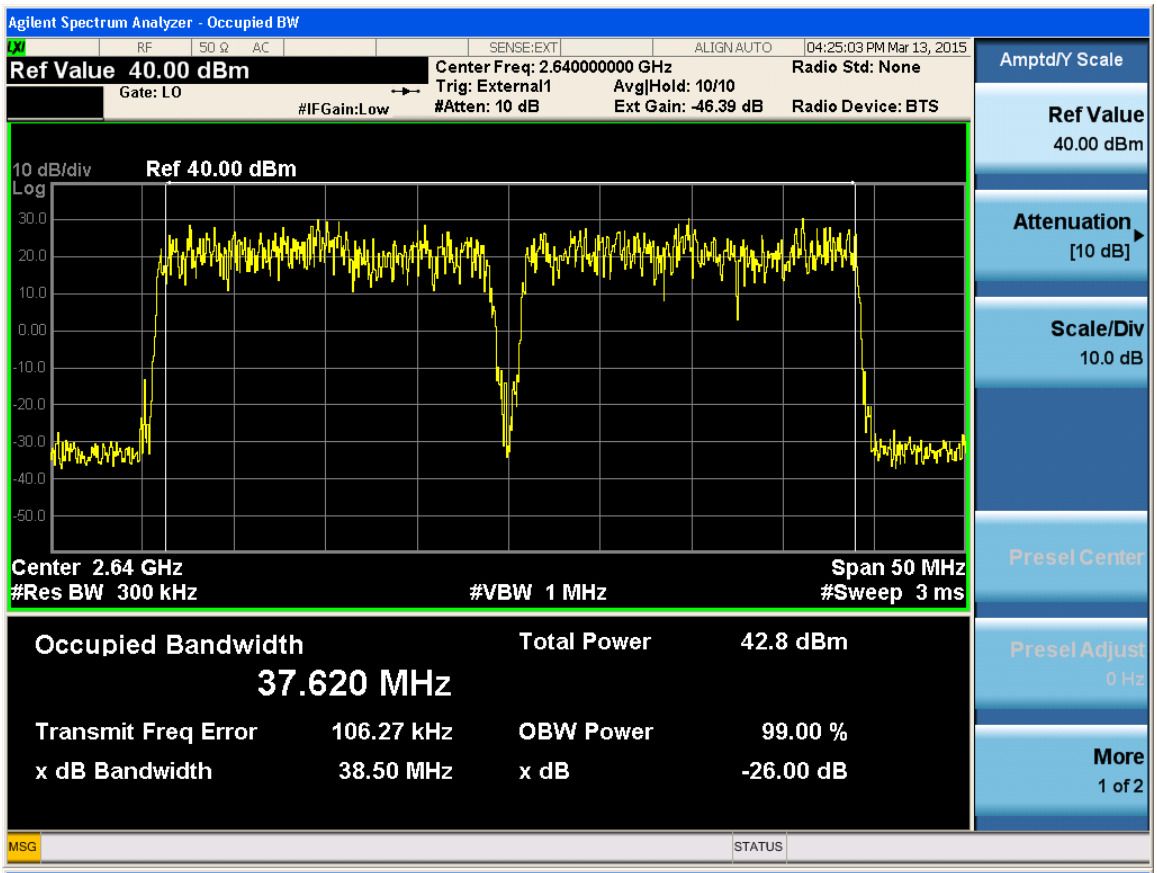

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:29:28 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.780 MHz
Total Power
42.9 dBm
Transmit Freq Error
-4.248 kHz
OBW Power
99.00 %
x dB Bandwidth
38.54 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

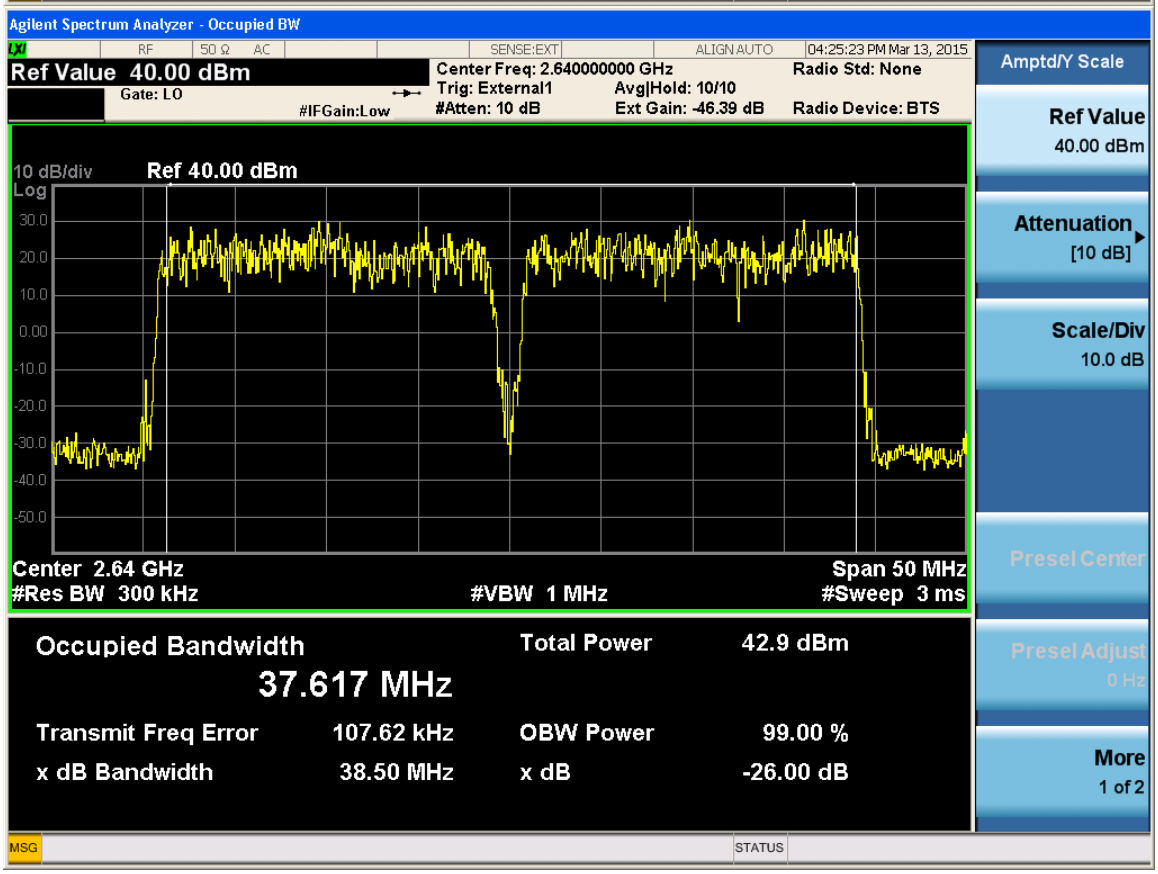

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
02:29:46 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.778 MHz
Total Power 42.8 dBm
Transmit Freq Error -4.579 kHz
OBW Power 99.00 %
x dB Bandwidth 38.54 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

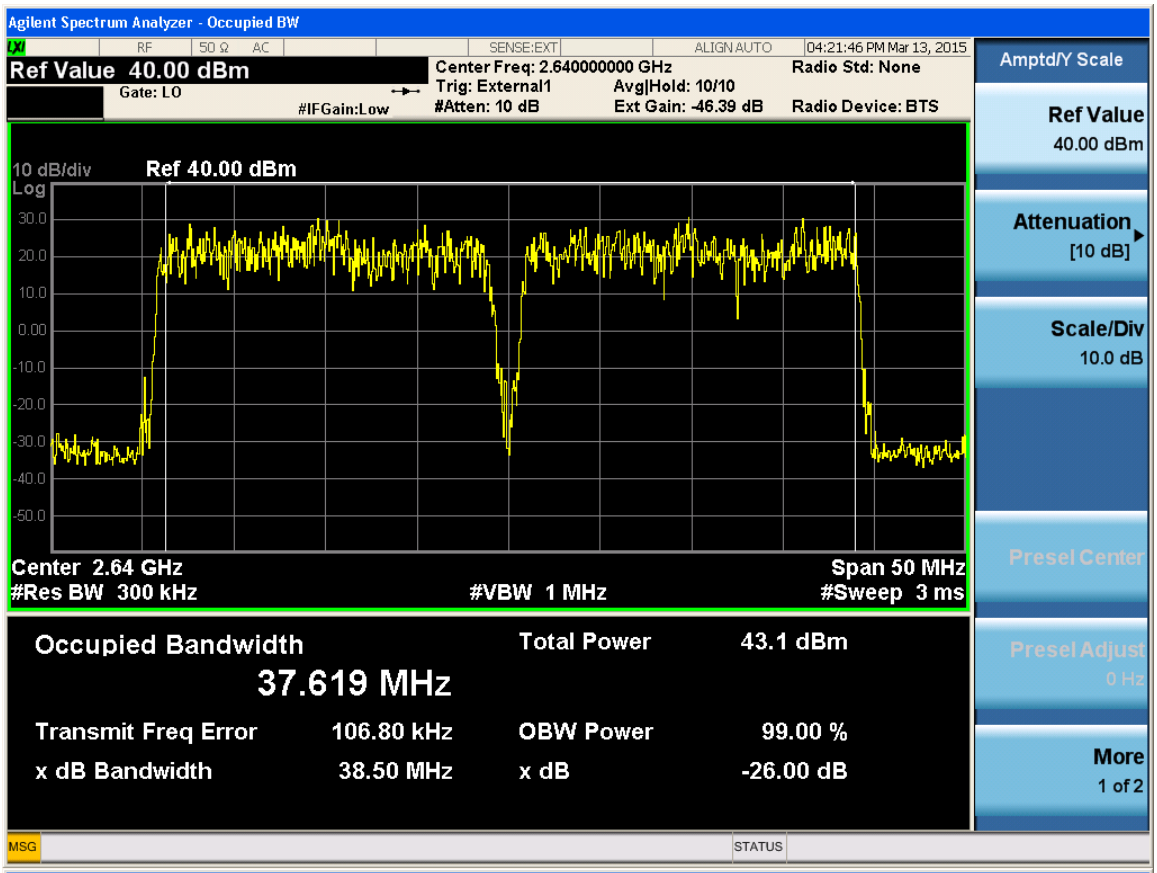

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:23:26 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.616 MHz
Total Power 43.0 dBm
Transmit Freq Error 108.35 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
Ref Value
40.00 dBm
Attenuation
[10 dB]
Scale/Div
10.0 dB
Presel Center
Presel Adjust
0 Hz
More
1 of 2
MSG
STATUS

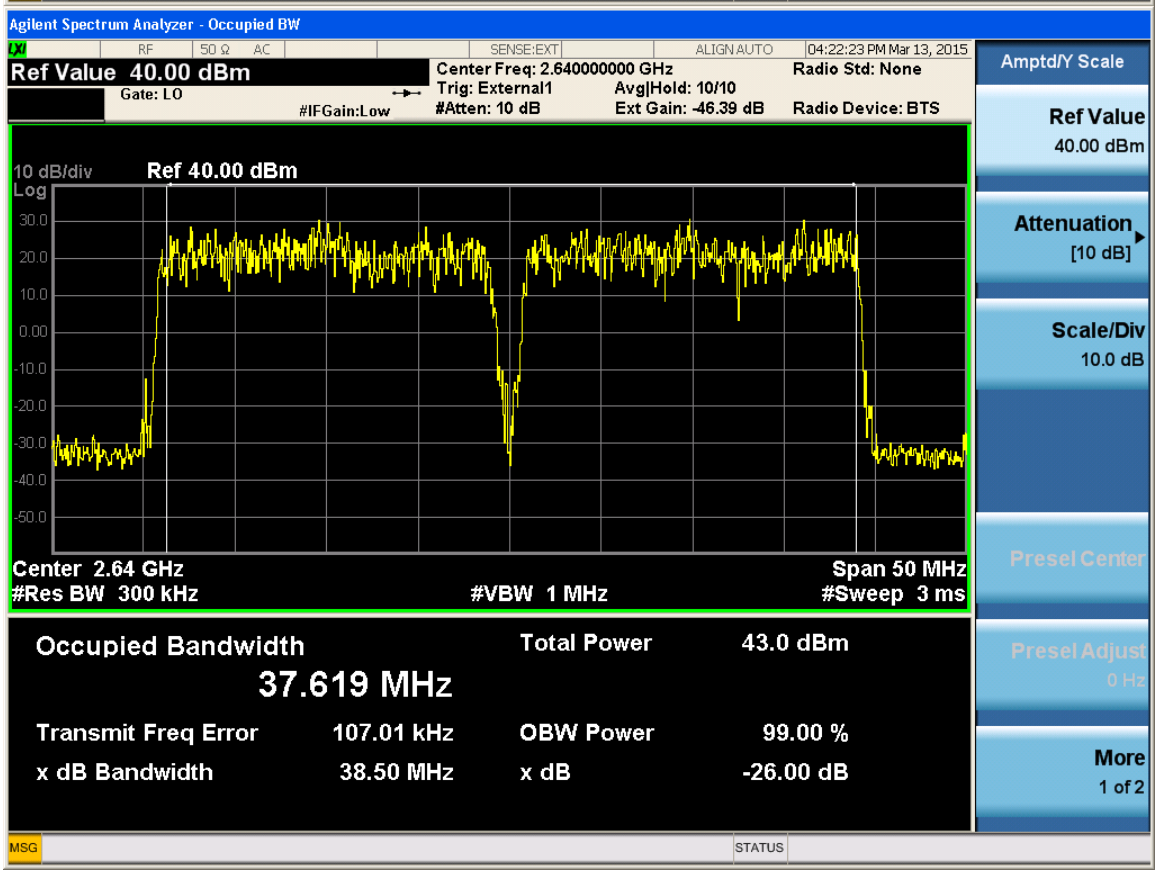

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:24:02 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.618 MHz
Total Power 43.0 dBm
Transmit Freq Error 107.54 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
MSG
STATUS

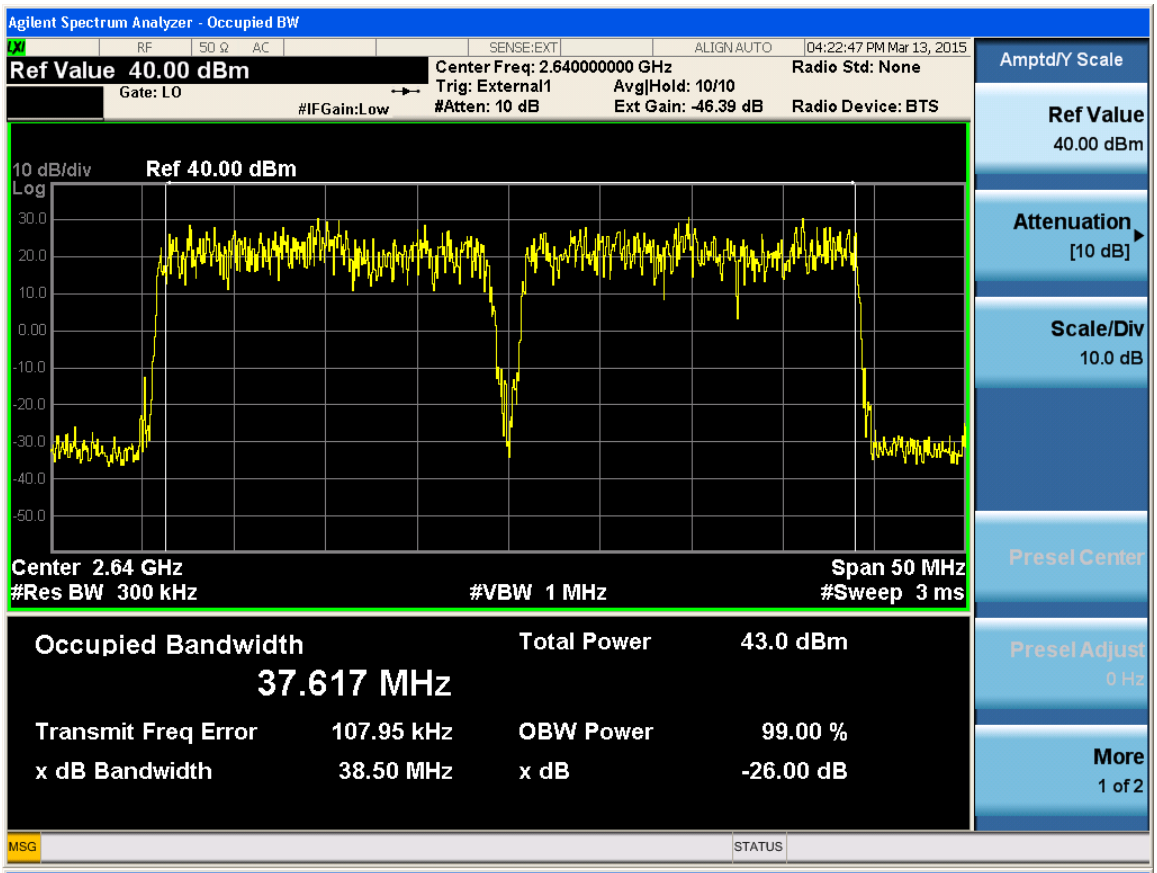

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:24:44 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.618 MHz
Total Power 42.9 dBm
Transmit Freq Error 107.31 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
MSG
STATUS

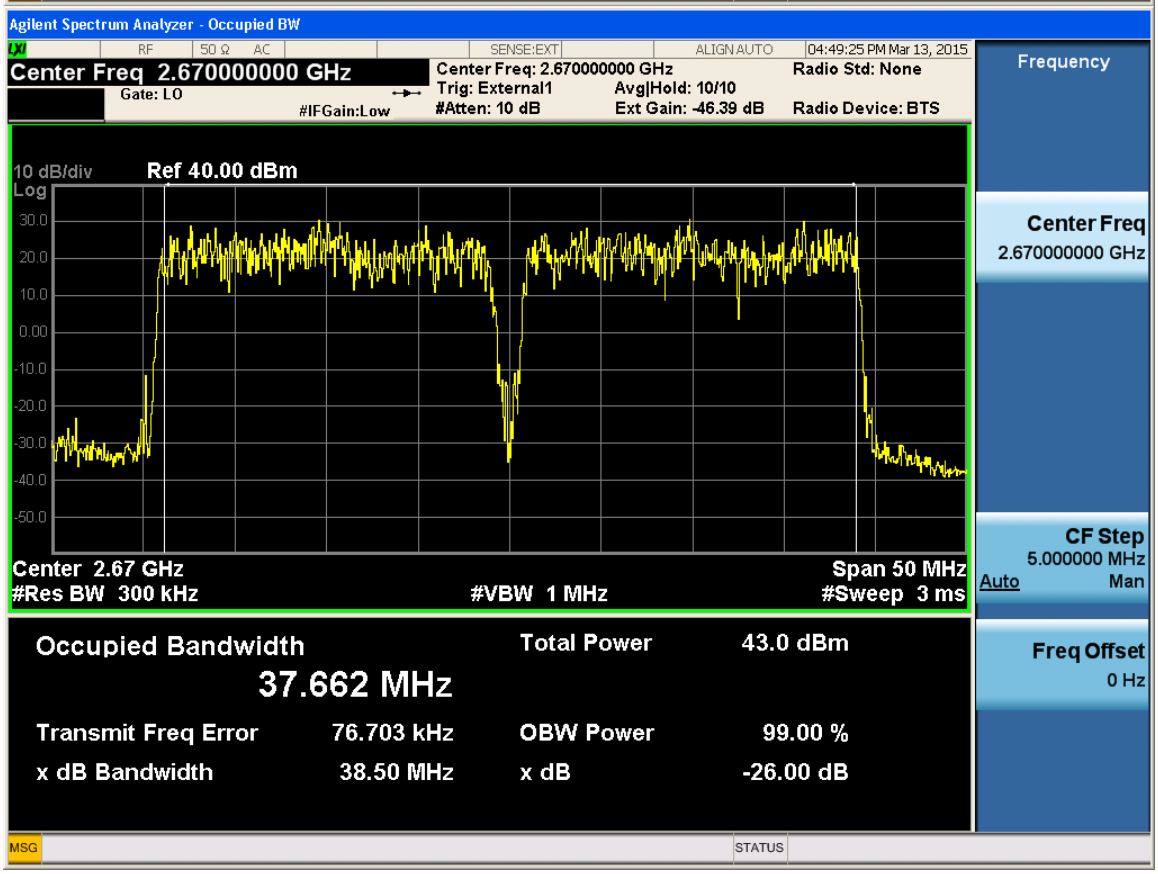

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:25:03 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.620 MHz
Total Power 42.8 dBm
Transmit Freq Error 106.27 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
MSG
STATUS

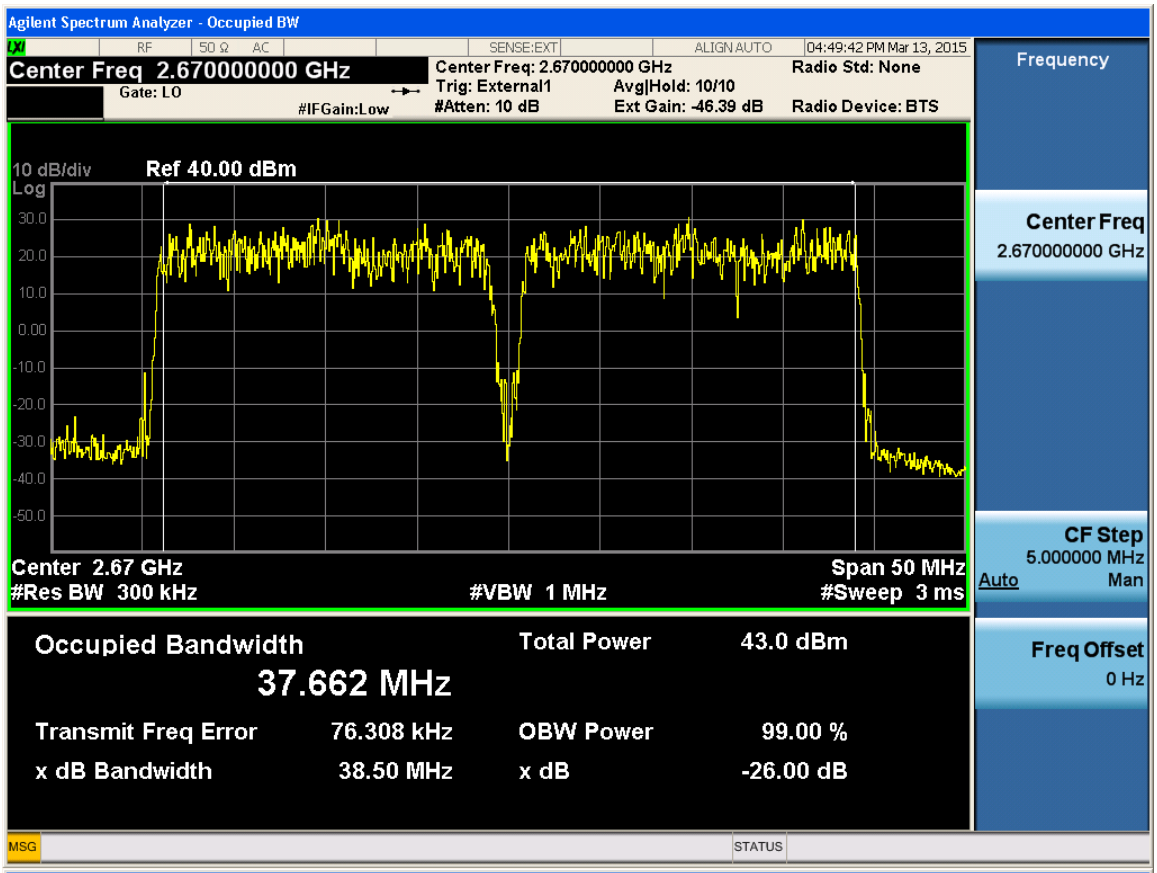

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:25:23 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.617 MHz
Total Power 42.9 dBm
Transmit Freq Error 107.62 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
MSG
STATUS

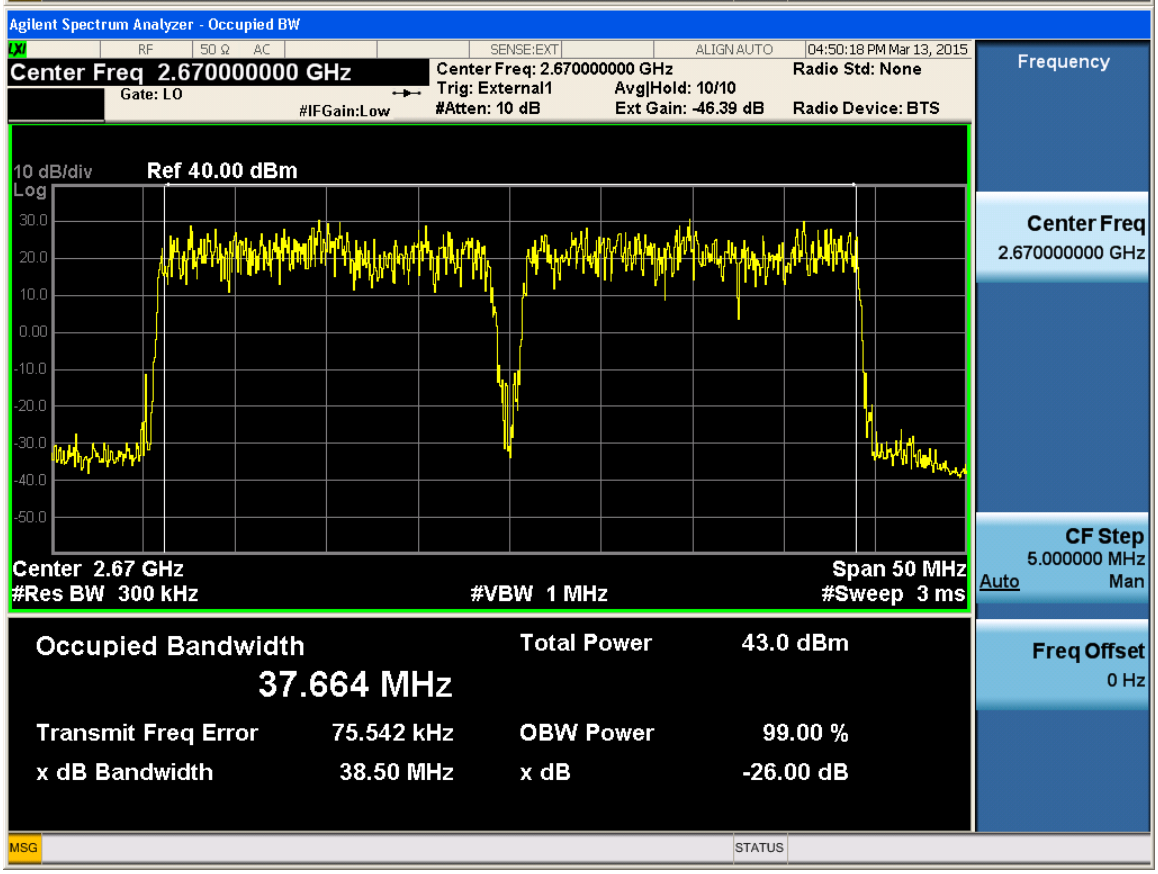

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:21:46 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.619 MHz
Total Power 43.1 dBm
Transmit Freq Error 106.80 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
MSG
STATUS

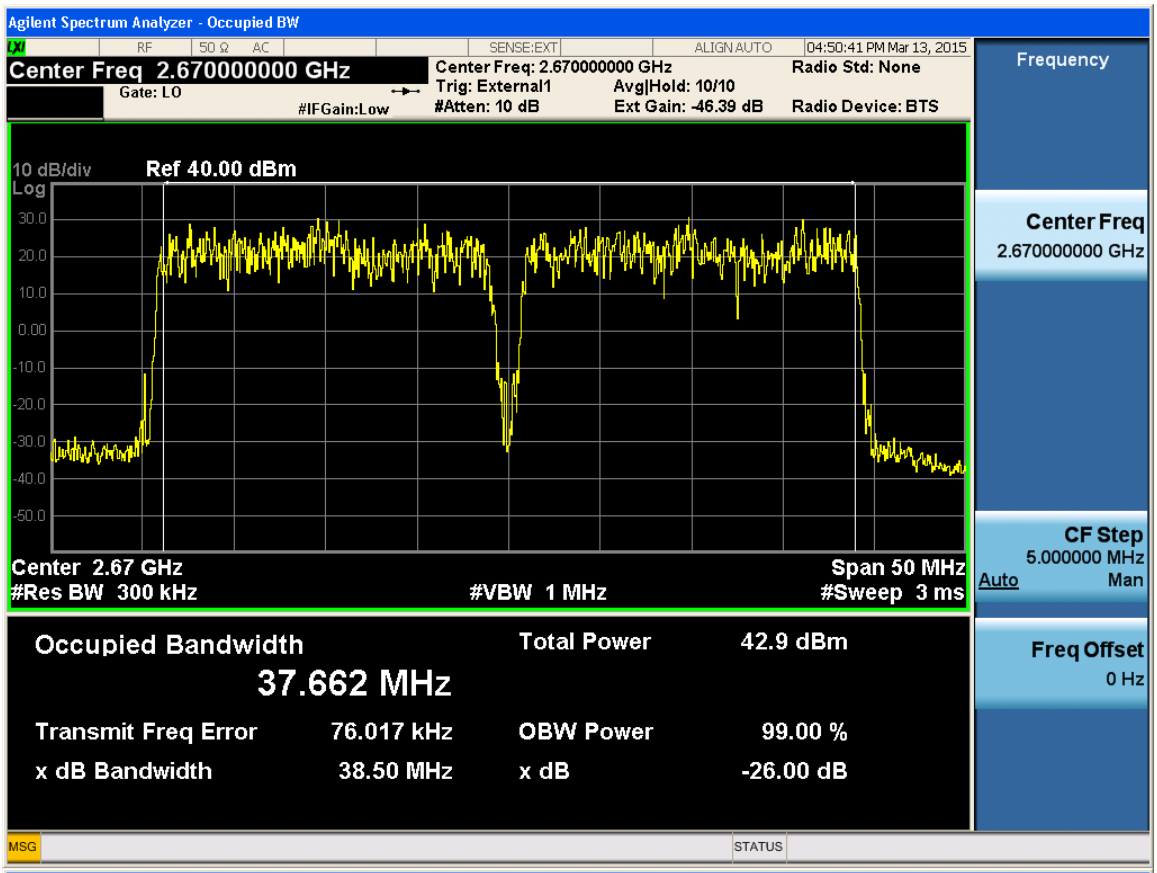

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:22:23 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.619 MHz
Total Power 43.0 dBm
Transmit Freq Error 107.01 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
MSG
STATUS

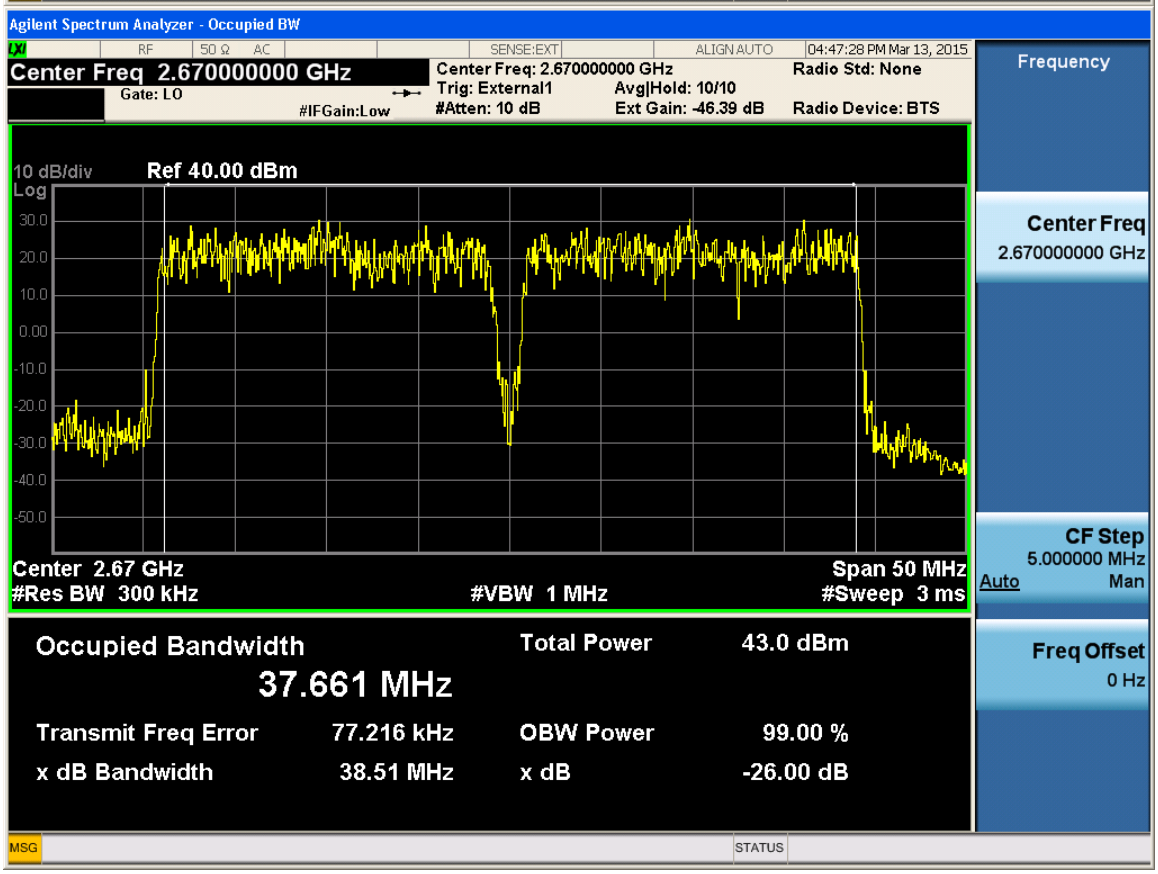

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:22:47 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value
40.00 dBm
Attenuation
[10 dB]
Scale/Div
10.0 dB
Presel Center
Presel Adjust
0 Hz
More
1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.617 MHz
Total Power
43.0 dBm
Transmit Freq Error
107.95 kHz
OBW Power
99.00 %
x dB Bandwidth
38.50 MHz
x dB
-26.00 dB
MSG
STATUS

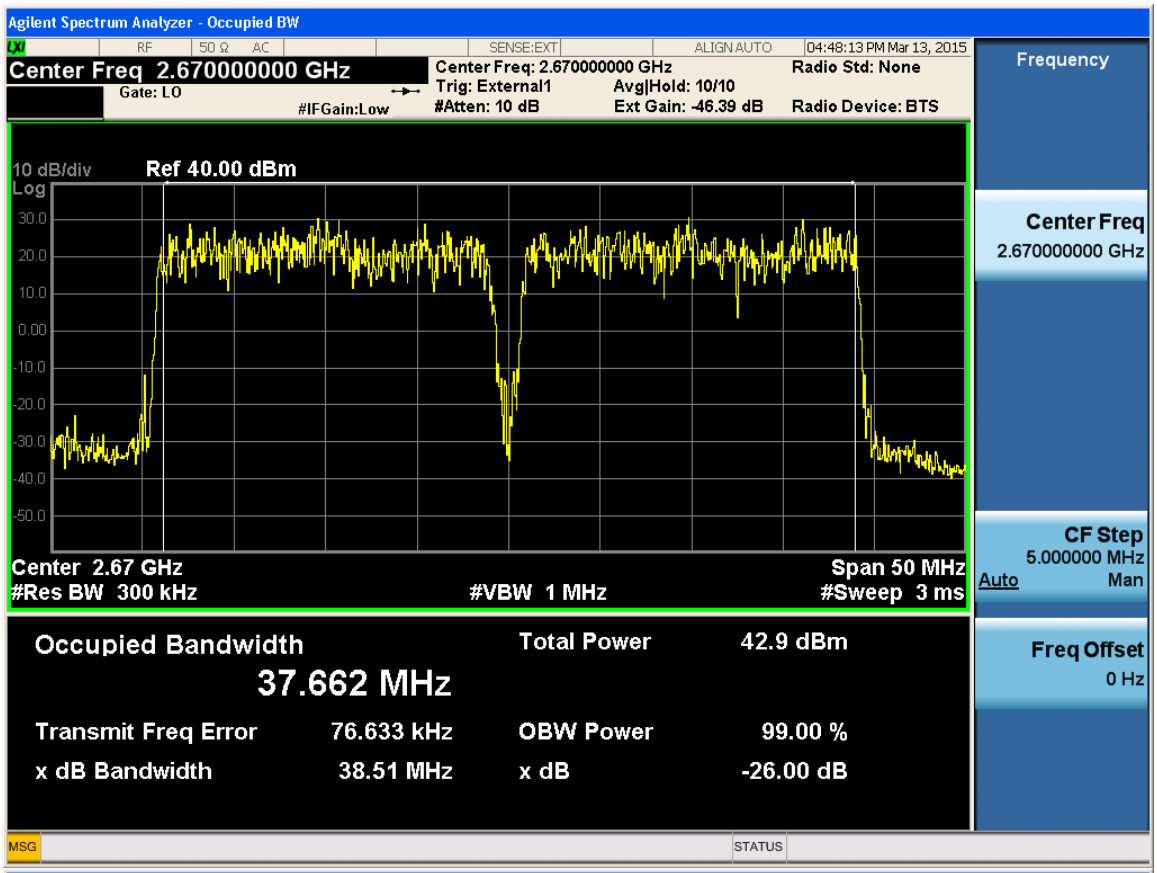

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:49:25 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
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 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.662 MHz
Total Power
43.0 dBm
Transmit Freq Error
76.703 kHz
OBW Power
99.00 %
x dB Bandwidth
38.50 MHz
x dB
-26.00 dB
MSG
STATUS

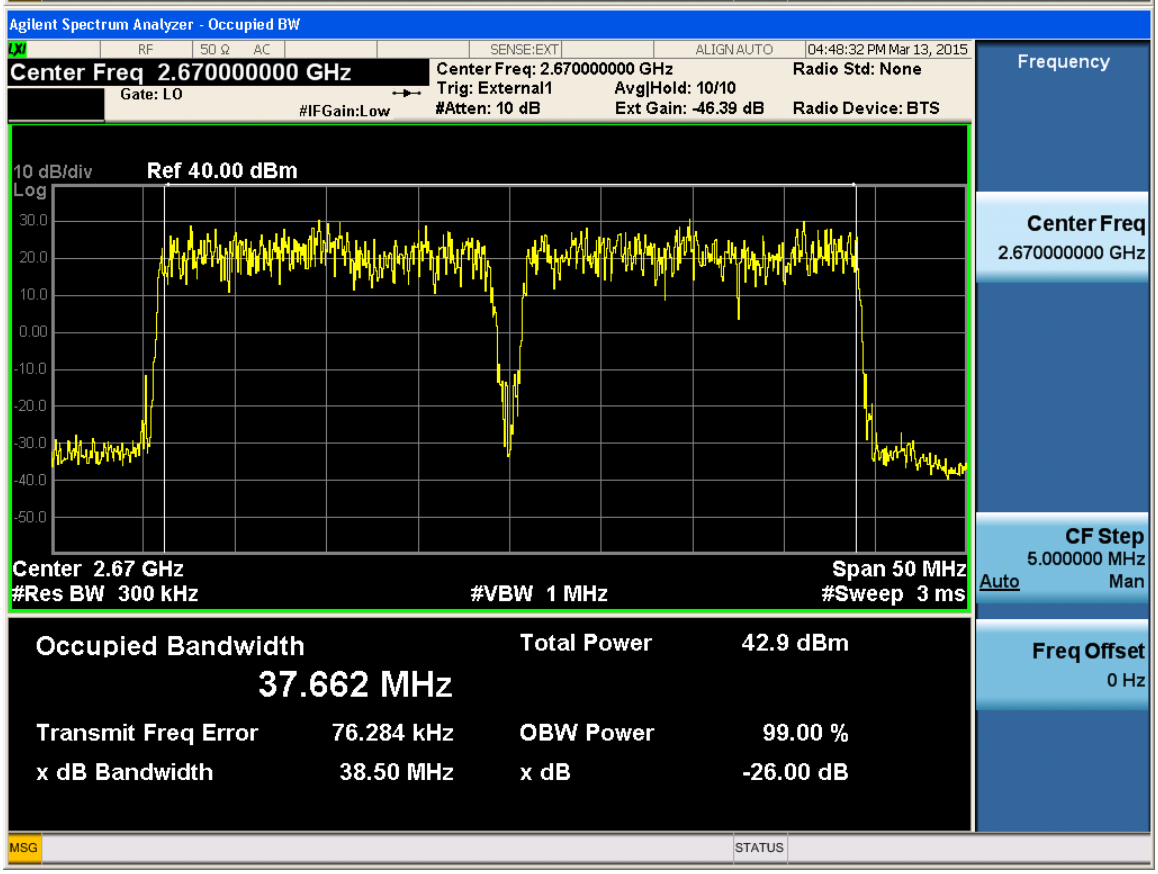

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:49:42 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.662 MHz
Total Power 43.0 dBm
Transmit Freq Error 76.308 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

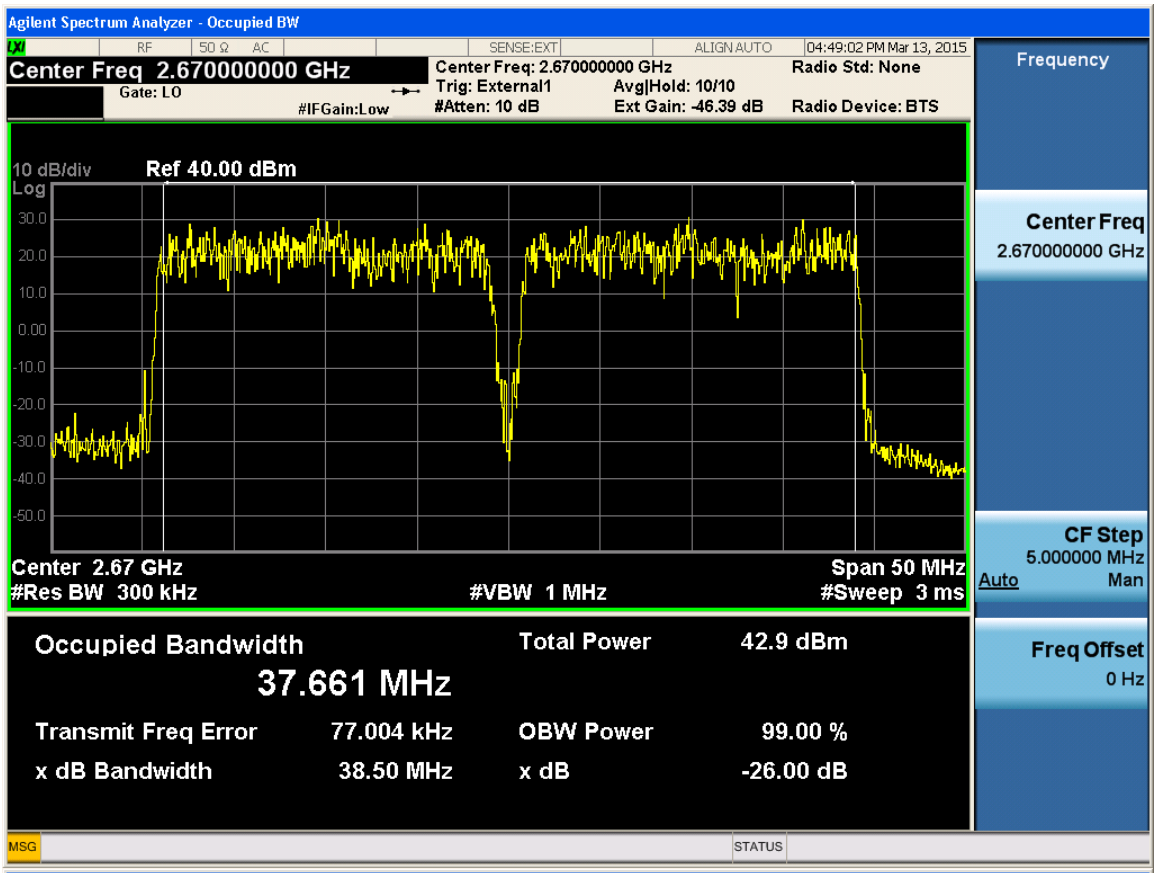

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:50:18 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.664 MHz
Total Power 43.0 dBm
Transmit Freq Error 75.542 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

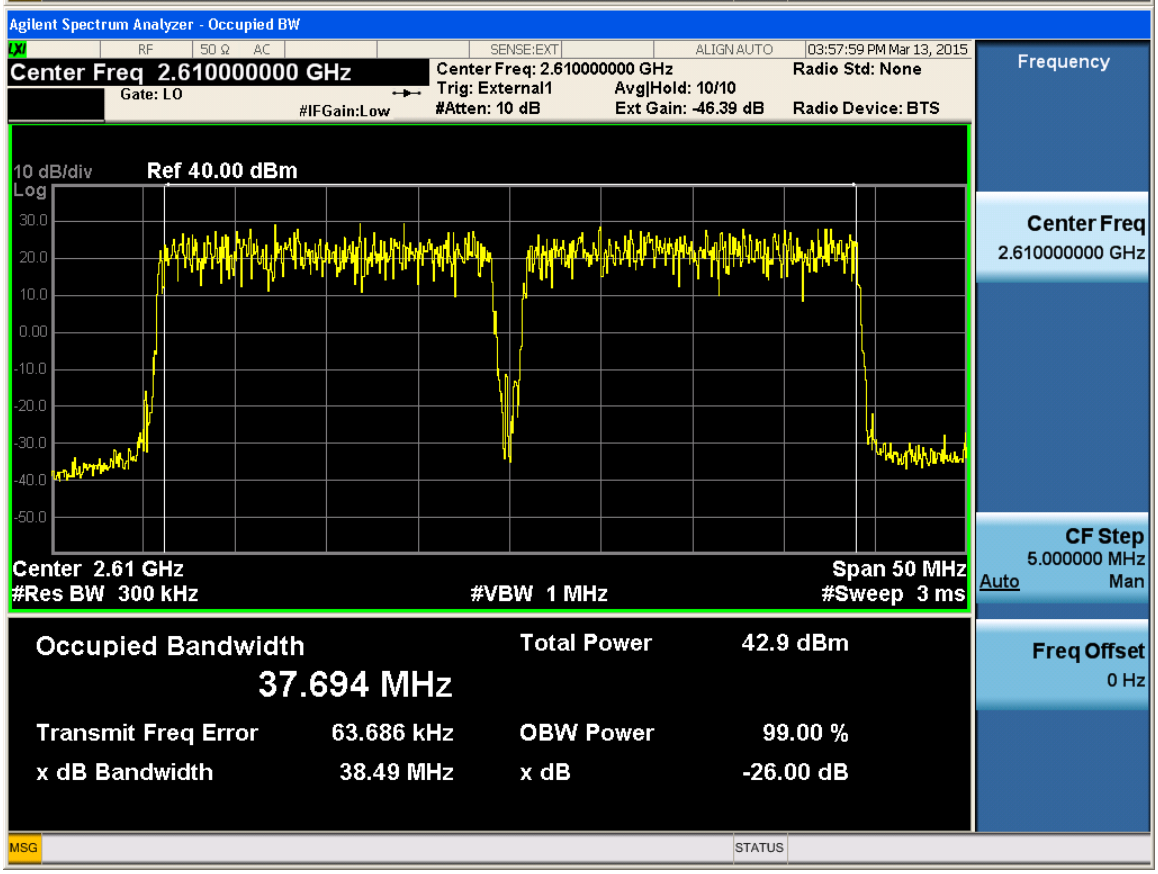

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:50:41 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.662 MHz
Total Power 42.9 dBm
Transmit Freq Error 76.017 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

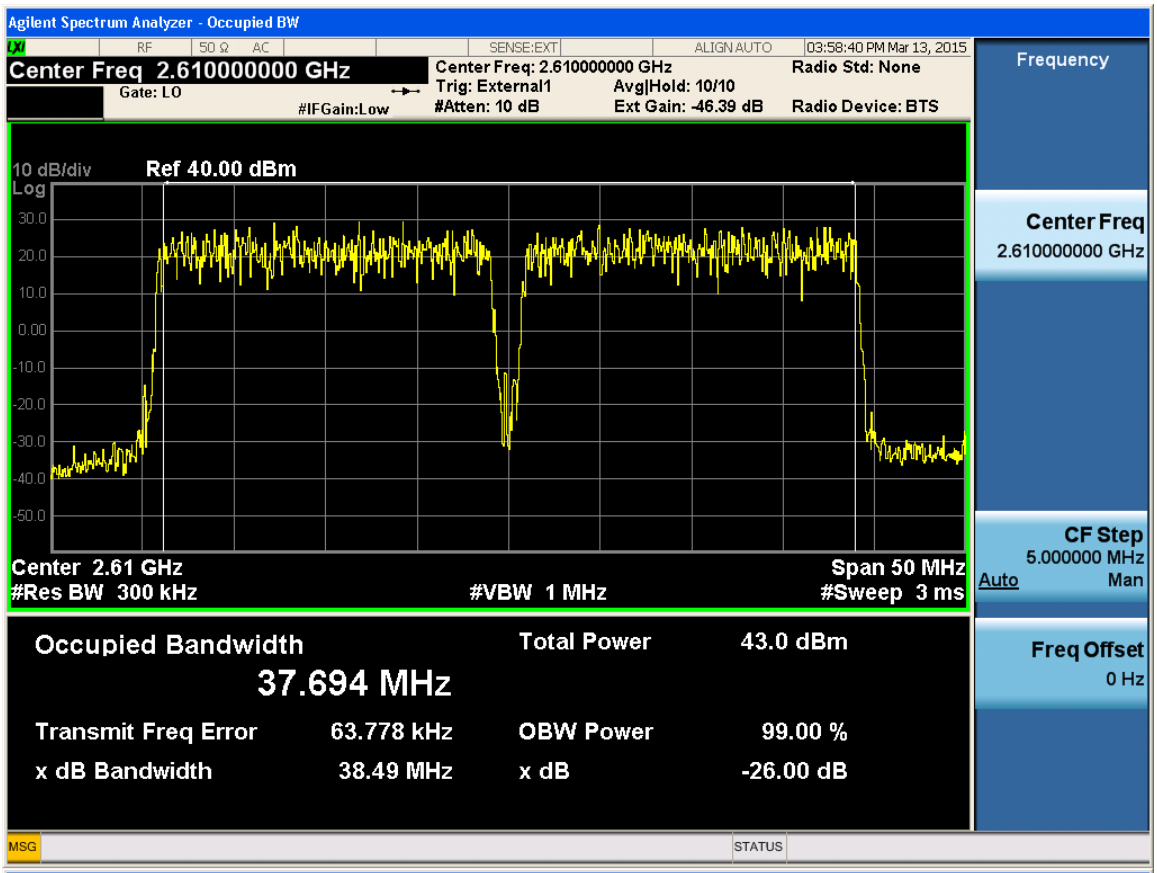

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:47:28 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.661 MHz
Total Power 43.0 dBm
Transmit Freq Error 77.216 kHz
OBW Power 99.00 %
x dB Bandwidth 38.51 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

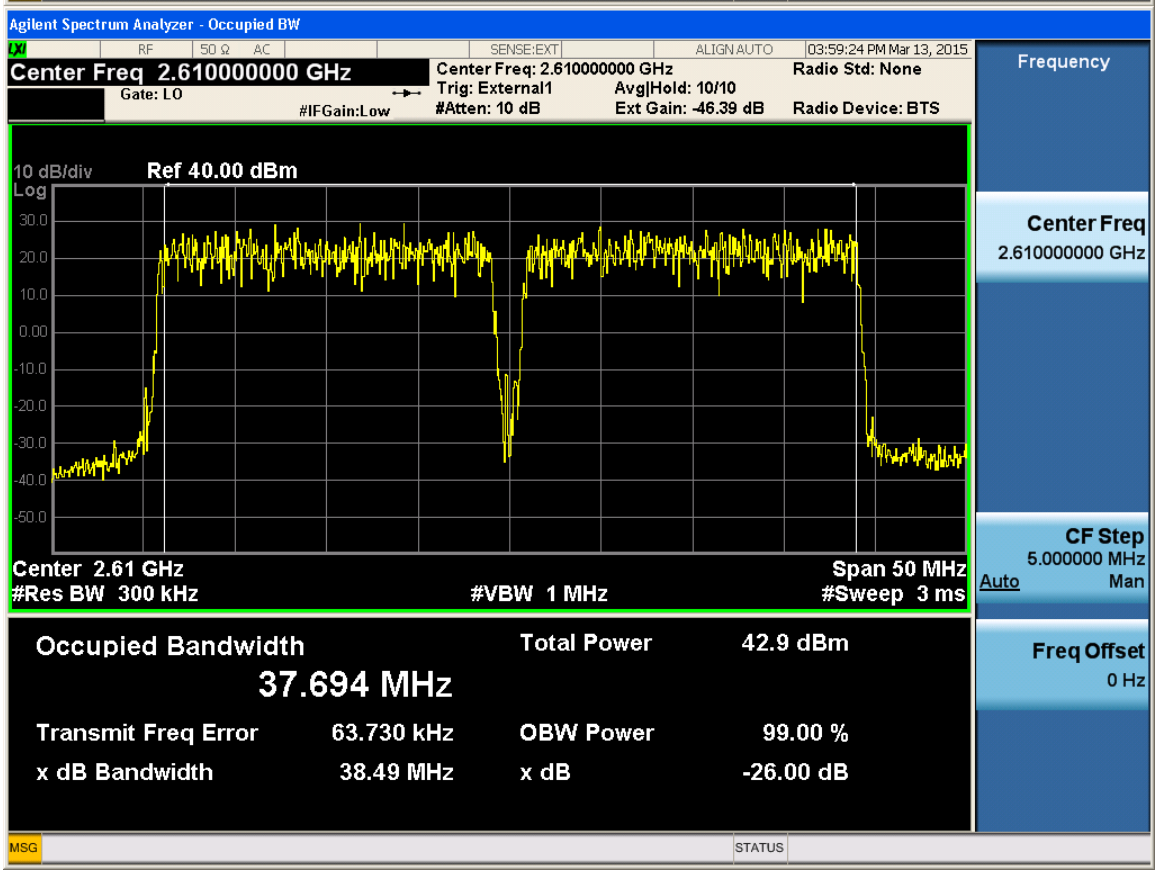

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:48:13 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.662 MHz
Total Power 42.9 dBm
Transmit Freq Error 76.633 kHz
OBW Power 99.00 %
x dB Bandwidth 38.51 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

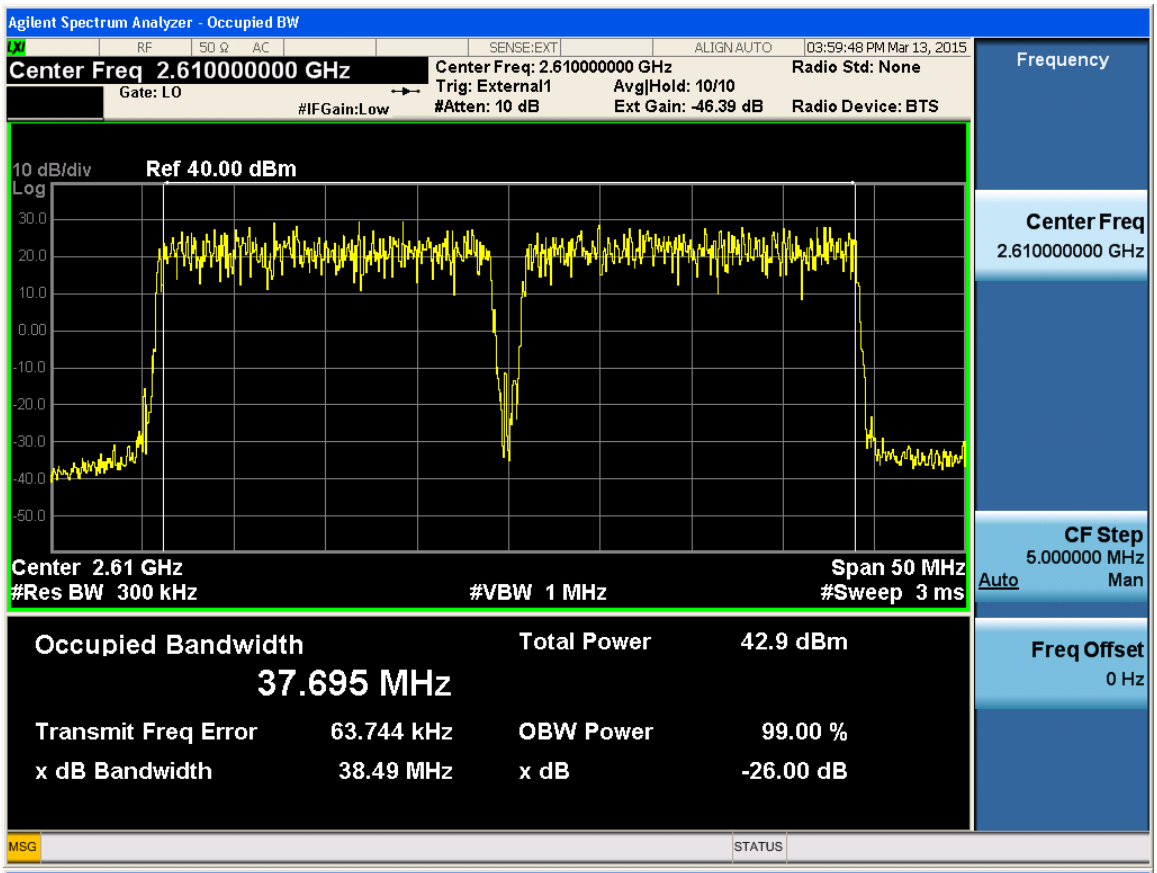

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:48:32 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.662 MHz
Total Power 42.9 dBm
Transmit Freq Error 76.284 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

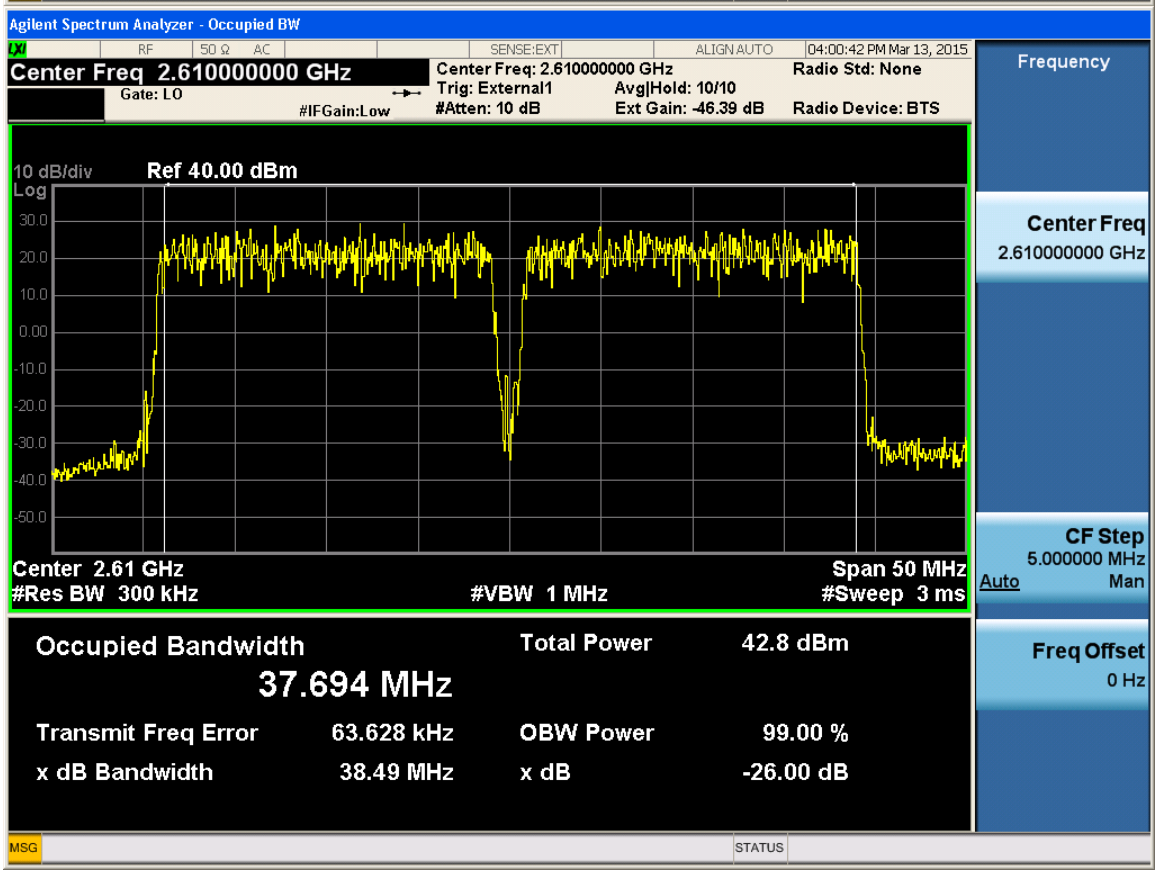

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:49:02 PM Mar 13, 2015
Center Freq 2.670000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.670000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.67 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.661 MHz
Total Power 42.9 dBm
Transmit Freq Error 77.004 kHz
OBW Power 99.00 %
x dB Bandwidth 38.50 MHz
x dB -26.00 dB
Center Freq
2.670000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

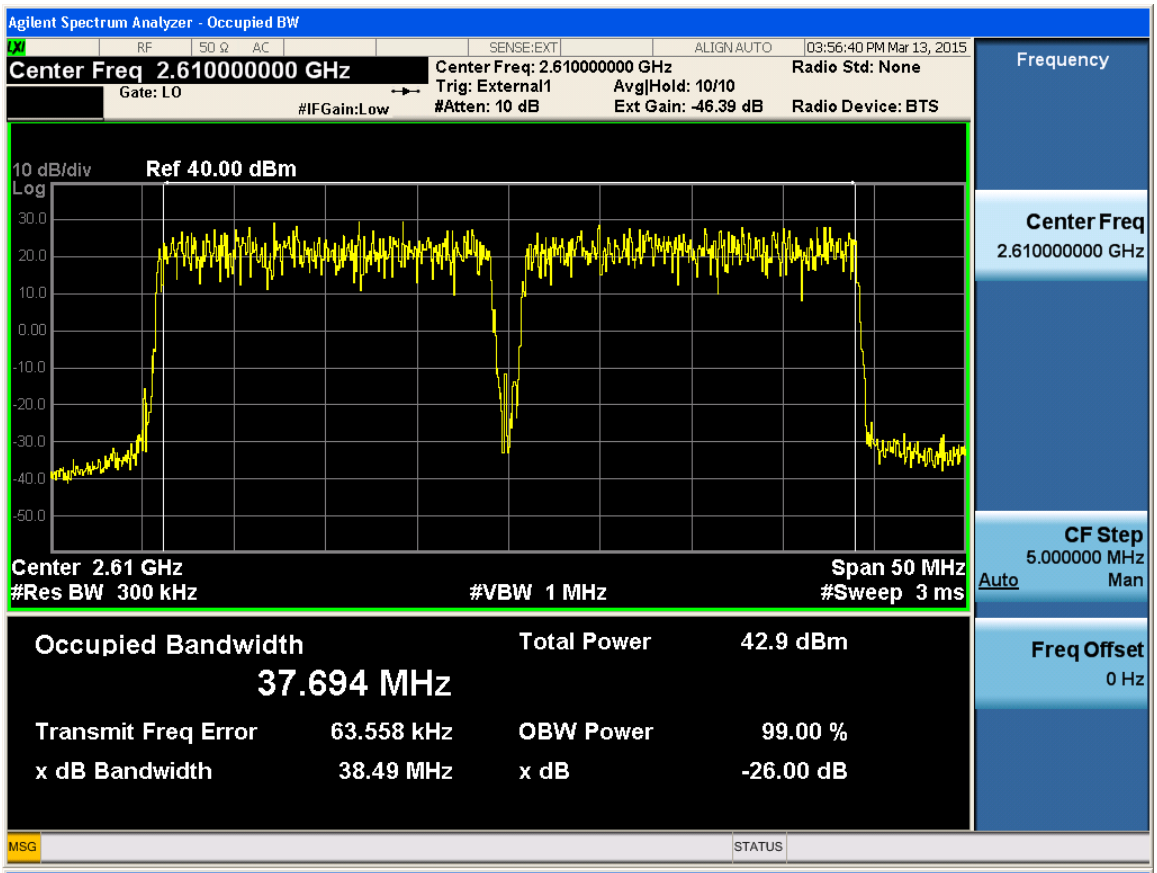

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
03:57:59 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.694 MHz
Total Power 42.9 dBm
Transmit Freq Error 63.686 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

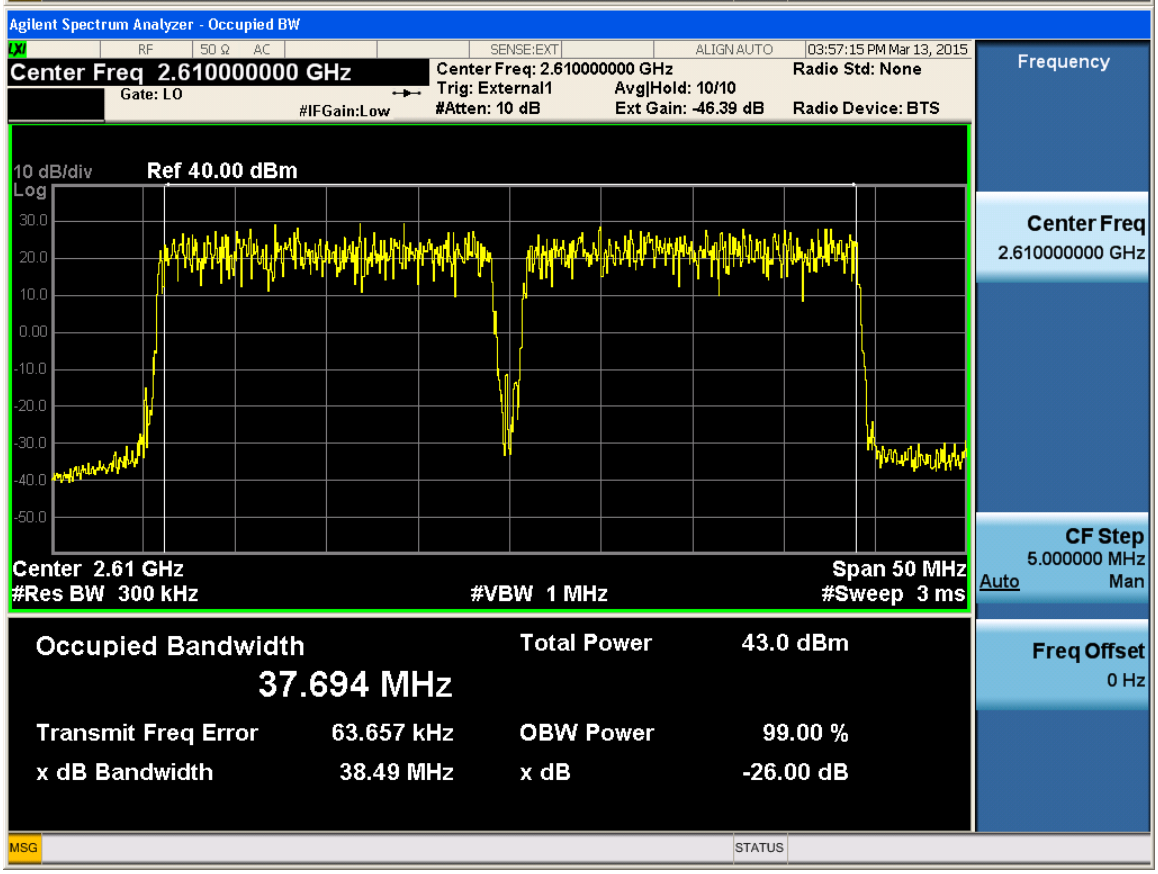

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
03:58:40 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Center Freq: 2.610000000 GHz
Trig: External1
Avg|Hold: 10/10
#Atten: 10 dB
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Gate: LO
#IFGain:Low
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.694 MHz
Total Power
43.0 dBm
Transmit Freq Error
63.778 kHz
OBW Power
99.00 %
x dB Bandwidth
38.49 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

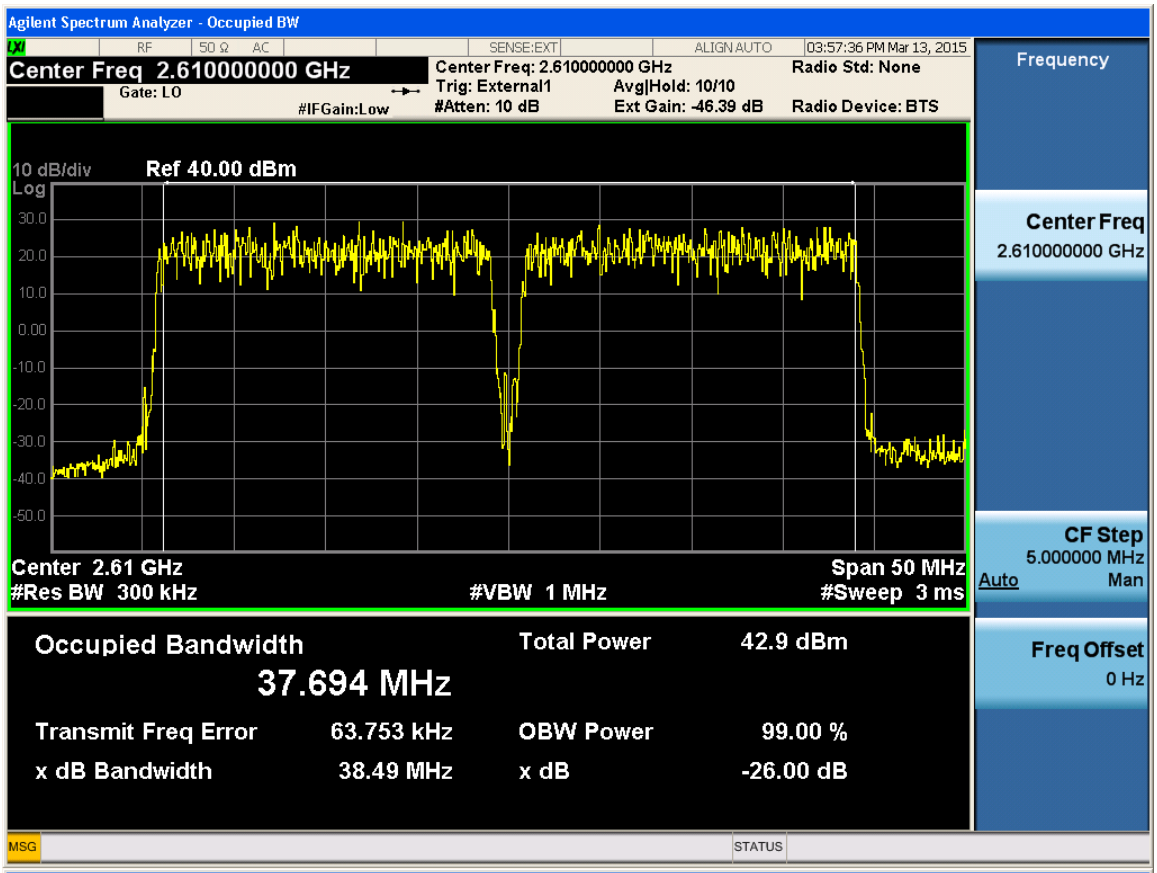

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
03:59:24 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Center Freq: 2.610000000 GHz
Trig: External1
Avg|Hold: 10/10
#Atten: 10 dB
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Gate: LO
#IFGain:Low
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center Freq
2.610000000 GHz
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
CF Step
5.000000 MHz
Auto
Man
Occupied Bandwidth
37.694 MHz
Total Power
42.9 dBm
Transmit Freq Error
63.730 kHz
OBW Power
99.00 %
x dB Bandwidth
38.49 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

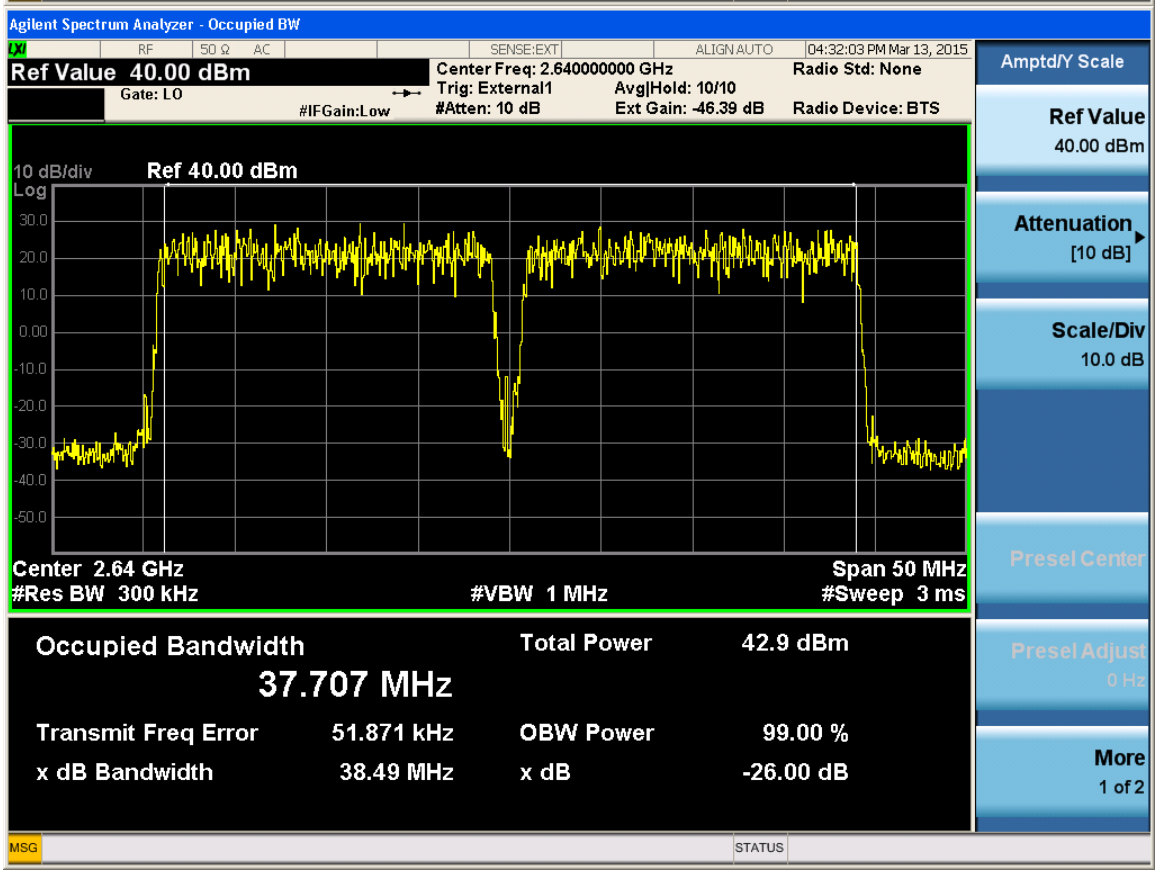

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
03:59:48 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.695 MHz
Total Power 42.9 dBm
Transmit Freq Error 63.744 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

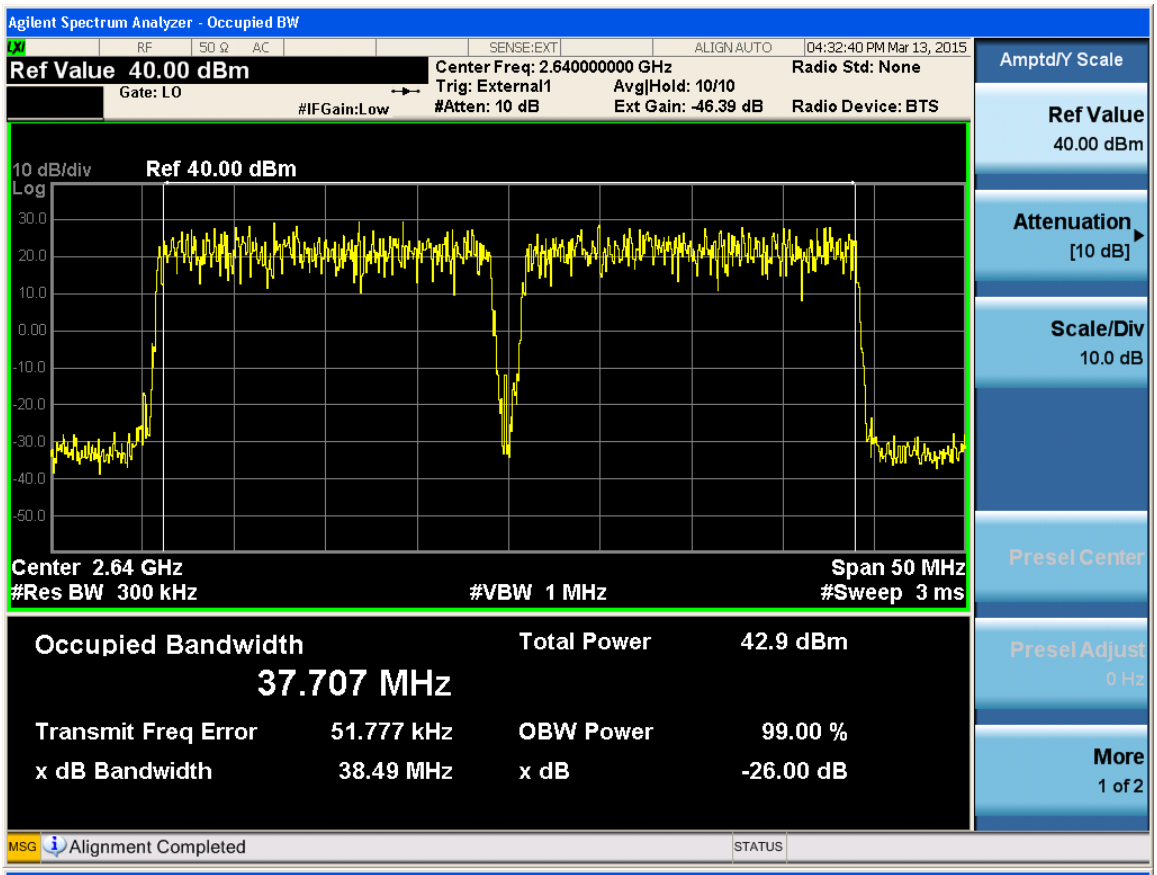

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:00:42 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.694 MHz
Total Power 42.8 dBm
Transmit Freq Error 63.628 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

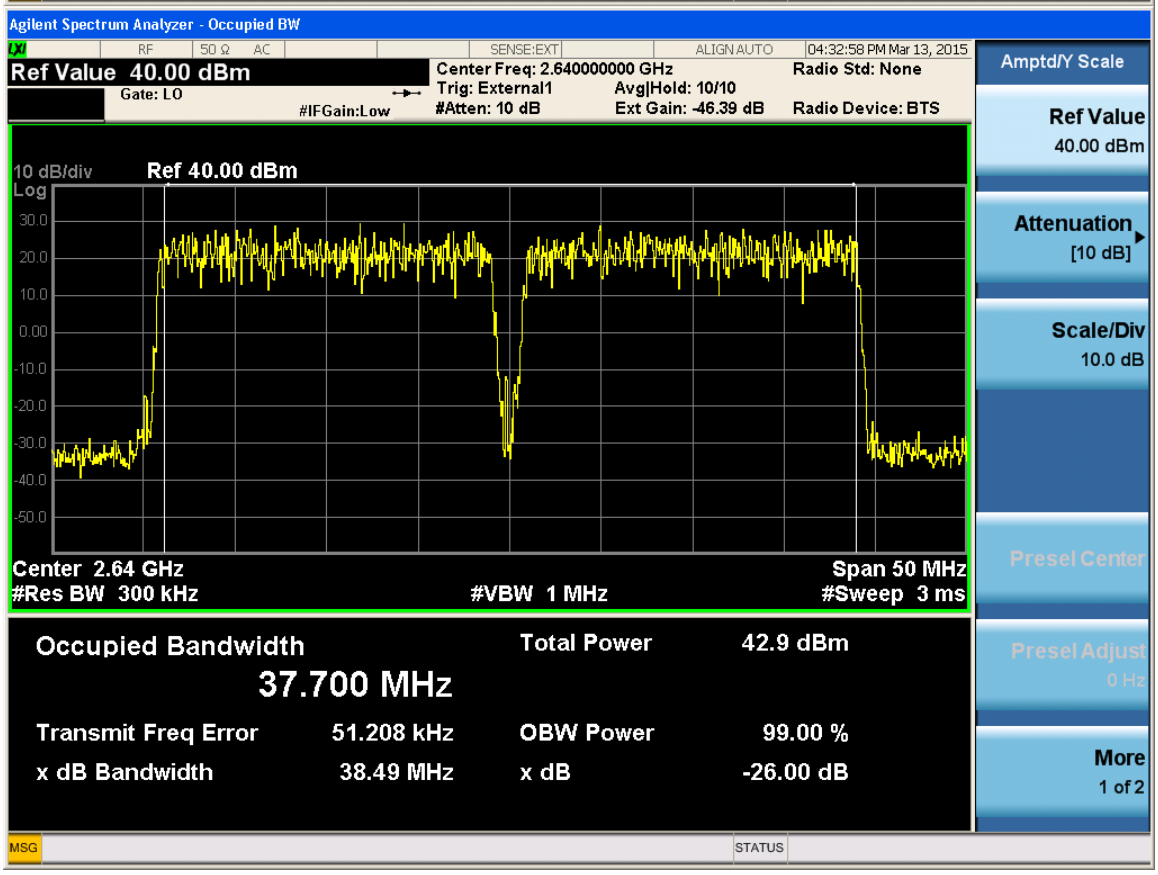

Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
03:56:40 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Log
Ref 40.00 dBm
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.694 MHz
Total Power 42.9 dBm
Transmit Freq Error 63.558 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
03:57:15 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
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 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.694 MHz
Total Power 43.0 dBm
Transmit Freq Error 63.657 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
03:57:36 PM Mar 13, 2015
Center Freq 2.610000000 GHz
Gate: LO
#IFGain:Low
Center Freq: 2.610000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Frequency
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 2.61 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.694 MHz
Total Power 42.9 dBm
Transmit Freq Error 63.753 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:32:03 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.707 MHz
Total Power 42.9 dBm
Transmit Freq Error 51.871 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
Ref Value
40.00 dBm
Attenuation
[10 dB]
Scale/Div
10.0 dB
Presel Center
Presel Adjust
0 Hz
More
1 of 2
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:32:40 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.707 MHz
Total Power 42.9 dBm
Transmit Freq Error 51.777 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
MSG
Alignment Completed
STATUS


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:EXT
ALIGN AUTO
04:32:58 PM Mar 13, 2015
Ref Value 40.00 dBm
Gate: LO
#IFGain:Low
Center Freq: 2.640000000 GHz
Trig: External1
#Atten: 10 dB
Avg|Hold: 10/10
Ext Gain: -46.39 dB
Radio Std: None
Radio Device: BTS
Amptd/Y Scale
Ref Value 40.00 dBm
Attenuation [10 dB]
Scale/Div 10.0 dB
Presel Center
Presel Adjust 0 Hz
More 1 of 2
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 2.64 GHz
#Res BW 300 kHz
#VBW 1 MHz
Span 50 MHz
#Sweep 3 ms
Occupied Bandwidth
37.700 MHz
Total Power 42.9 dBm
Transmit Freq Error 51.208 kHz
OBW Power 99.00 %
x dB Bandwidth 38.49 MHz
x dB -26.00 dB
MSG
STATUS