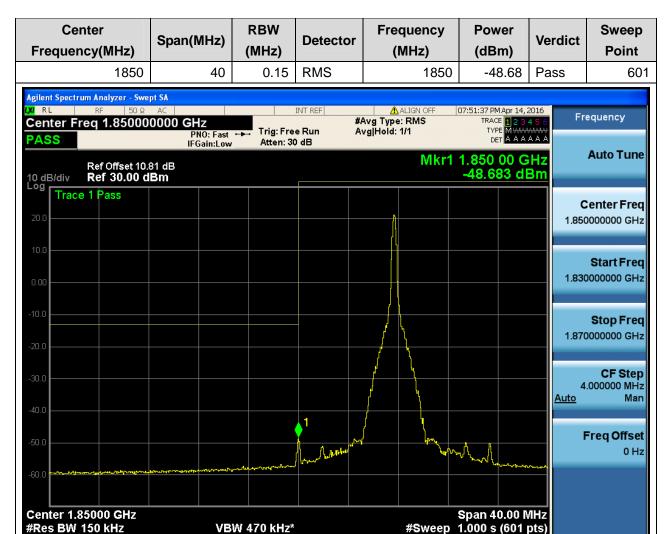


1.121. LTE Band Edge(NTNV)(Subtest:121, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:MID)





Center 1.85000 GHz #Res BW 150 kHz

1.122. LTE Band Edge(NTNV)(Subtest:122, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Center | Span(MHz) | RBW | Detector | Frequency | Power | Verdict | Sweep |
|------------------------------------|---|-----------|----------|--|--|-------------------|---------------------------|
| Frequency(MHz) | Span(Willz) | (MHz) | Detector | (MHz) | (dBm) | Verdict | Point |
| 1850 | 40 | 0.15 | RMS | 1837.533 | -30.1 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe | pt SA | | | | | | |
| RL RF 50Ω Center Freq 1.85000 PASS | AC 0000 GHz PNO: Fast IFGain:Low | Trig: Fre | e Run . | ALIGN OFF #Avg Type: RMS Avg Hold: 1/1 | 07:51:43 PM Apr 14, TRACE 1 2 3 TYPE M WW DET A A A | 456 MMM AAA | equency |
| Ref Offset 10. | | | | Mkr1 | 1.837 53 G -30.097 dl | | Auto Tune |
| Trace 1 Pass | | | | | , | | enter Freq |
| 10.0 | | | | | | | |
| 0.00 | | | | | | 1.830 | Start Freq 0000000 GHz |
| -10.0 | | | | | A | | Stop Freq |
| -20.0 | | | | | / \ | 1.870 | 0000000 GHz |
| -30.0 | 1 | | | | | | CF Step |

VBW 470 kHz*

4.000000 MHz

Freq Offset 0 Hz

Man

<u>Auto</u>

Span 40.00 MHz #Sweep 1.000 s (601 pts)



1.123. LTE Band Edge(NTNV)(Subtest:123, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:LOW)





1.124. LTE Band Edge(NTNV)(Subtest:124, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:MID)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|-----------|--------------|----------|-------------------------------|---|-------------------|----------------|
| 1850 | 40 | 0.15 | RMS | 1849.8 | -32.39 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe RE RF 50 \(\text{SP} \) Center Freq 1.85000 PASS | AC | Trig: Fre | e Run A | Avg Type: RMS vg Hold: 1/1 | 07:51:55 PM Apr 14, TRACE 1 2 3 TYPE M WWW DET A A A | 456 WWW AAA | equency |
| Ref Offset 10.81 dB | | | | | | | |
| Trace 1 Pass | | | | | | c | Center Freq |





Center 1.85000 GHz #Res BW 150 kHz

1.125. LTE Band Edge(NTNV)(Subtest:125, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:HIGH)

VBW 470 kHz*

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|----------------------------------|--------------|----------|-------------------------------|--|-------------------|----------------------------|
| 1850 | 40 | 0.15 | RMS | 1850 | -38.67 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe | pt SA | | | | | | |
| Center Freq 1.85000 PASS Ref Offset 10. 10 dB/div Ref 30.00 d | PNO: Fast IFGain:Low 81 dB | Trig: Fre | eRun A | Avg Type: RMS vg Hold: 1/1 | 07:52:01 PM Apr 14, TRACE 1 2 3 TYPE M WW DET A A A 1.850 00 G -38.673 dl | 456 MMM AAA | Auto Tune |
| Trace 1 Pass | | | | | | | enter Freq 00000000 GHz |
| 10.0 | | | | man and a second | | | Start Freq |

1.830000000 GHz

Stop Freq 1.870000000 GHz

> CF Step 4.000000 MHz Man

Freq Offset 0 Hz

<u>Auto</u>

Span 40.00 MHz #Sweep 1.000 s (601 pts)



1.126. LTE Band Edge(NTNV)(Subtest:126, Channel:18675, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|-----------|--------------|----------|--------------------------------------|---|---------|----------------|
| 1850 | 40 | 0.15 | RMS | 1849.933 | -29.17 | Pass | 601 |
| Agilent Spectrum Analyzer - Sw (X) RL RF 50 Ω Center Freq 1.85000 PASS | AC | Trig: Fre | eRun A | ALIGN OFF Avg Type: RMS vg Hold: 1/1 | 07:52:08 PM Apr 14, TRACE 1 2 3 TYPE MWW DET A A A | 456 Fr | equency |
| Ref Offset 10 10 dB/div Ref 30.00 c | | | | Mkr1 | 1.849 93 G -29.173 dl | П | Auto Tune |





Center 1.91000 GHz #Res BW 150 kHz

1.127. LTE Band Edge(NTNV)(Subtest:127, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Fred | Center quency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--------|---|-----------|--------------|----------|--|---|-------------------|-------------------------------|
| | 1910 | 40 | 0.15 | RMS | 1910.933 | -50.01 | Pass | 601 |
| LXI RL | Spectrum Analyzer - Swe RF 50 Ω er Freq 1.91000 | AC | Trig: Fre | eRun / | ALIGN OFF HAVE Type: RMS Ave Hold: 1/1 | 07:52:19 PM Apr 14, TRACE 1 2 3 TYPE MWW DET A A A | 456 WWW AAA | equency |
| 10 dB/ | Ref Offset 10.0 div Ref 30.00 d | | | 1 | Mkr1 | 1.910 93 G -50.008 dl | PIZ PROPERTY | Auto Tune |
| 20.0 | Trace 1 Pass | | | | | | | enter Freq 0000000 GHz |
| 0.00 | | | | | | | 1.890 | Start Freq |
| -10.0 | | | | | | | 1.930 | Stop Freq |
| -30.0 | | | | | | | 4 Auto | CF Step .000000 MHz Man |

VBW 470 kHz*

Freq Offset 0 Hz

Span 40.00 MHz #Sweep 1.000 s (601 pts)



1.128. LTE Band Edge(NTNV)(Subtest:128, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:MID)





1.129. LTE Band Edge(NTNV)(Subtest:129, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



Span 40.00 MHz #Sweep 1.000 s (601 pts)

STATUS



Center 1.91000 GHz #Res BW 150 kHz

1.130. LTE Band Edge(NTNV)(Subtest:130, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---------------------------------|--|---|------------|---------------------------------------|--|--|---------------------|
| 1910 | 40 | 0.15 | RMS | 1912.267 | -37.49 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe | * | | | | | | |
| Center Freq 1.91000 | 0000 GHz PNO: Fast IFGain:Low | Trig: Fre | eRun A | ALIGN OFF Avg Type: RMS avg Hold: 1/1 | 07:52:37 PM Apr 14, 2 TRACE 1 2 3 TYPE M MAAA DET A A A | 156 Fr | equency |
| Ref Offset 10. | 85 dB | , income of | | Mkr1 | 1.912 27 G -37.485 dE | Hz | Auto Tune |
| Trace 1 Pass | | | | | | | enter Freq |
| 10.0 | | | | | | 1.510 | |
| 0.00 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | 1.890 | Start Freq |
| -10.0 | | | | | | 1.930 | Stop Freq |
| -30.0 production of the part of | Tudyvorg | Production of the same of the | .1 | | | 4 | CF Step |
| -40.0 | | C. C. | Markana ha | Was south | | Auto | Man |
| -50.0 | | | | And a second | | | Freq Offset 0 Hz |
| -60.0 | | | | " and | Caretalesterressan to transcenti | en e | |

#Sweep 1.000 s (601 pts)

STATUS



#Res BW 150 kHz

1.131. LTE Band Edge(NTNV)(Subtest:131, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:MID)



#Sweep 1.000 s (601 pts)

STATUS



#Res BW 150 kHz

1.132. LTE Band Edge(NTNV)(Subtest:132, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 36, RB Position:HIGH)





1.133. LTE Band Edge(NTNV)(Subtest:133, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

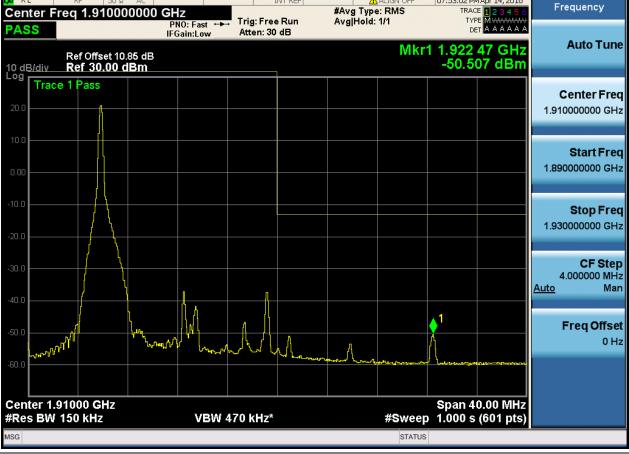
| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|--|--|--|--|--|-------------------|-------------------------------------|
| 1910 | 40 | 0.15 | RMS | 1910 | -24.23 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe | pt SA | | | | | | |
| M RL RF 50Ω Center Freq 1.91000 PASS | | Trig: Fre | eRun A | ⚠ ALIGN OFF !Avg Type: RMS avg Hold: 1/1 | 07:52:55 PM Apr 14, 2 TRACE 1 2 3 4 TYPE M WWW DET A A A A | 456 WWW AAA | equency |
| Ref Offset 10.6 | 85 dB Bm | | | Mkr1 | 1.910 00 G -24.228 dE | 74 | Auto Tune |
| Trace 1 Pass | | | | | | | enter Freq 0000000 GHz |
| 0.00 | Malkan Markan Ma | paranta del maranta de la propertición de la proper | | | | 1.890 | Start Fred |
| -10.0 | | | 1 | | | 1.930 | Stop Free |
| -30.0 -40.0 | | | And the same of th | and a second | | 4 <u>Auto</u> | СF Stej .000000 МН Маі |
| -50.0 | | | | No de la companya della companya del | | • | Freq Offse 0 H |
| -60.0 | | | | | Marketon of the party of the state of the st | a seribas | |
| Center 1.91000 GHz #Res BW 150 kHz | VB | W 470 kHz* | | #Sweep | Span 40.00 M 1.000 s (601 p | iHz ots) | |

STATUS



1.134. LTE Band Edge(NTNV)(Subtest:134, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|-----------|--------------|----------|--|---|-------------------|----------------|
| 1910 | 40 | 0.15 | RMS | 1922.467 | -50.51 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe LM RL RF 50 \(\text{Center Freq 1.91000} \) PASS | AC | Trig: Fre | eRun A | ⚠ ALIGN OFF Avg Type: RMS vg Hold: 1/1 | 07:53:02 PM Apr 14, TRACE 1 2 3 TYPE MWW DET A A A | 456 WWW AAA | equency |
| Ref Offset 10. 10 dB/div Ref 30.00 d | | | 1 | Mkr1 | 1.922 47 G -50.507 dI | П | Auto Tune |



Span 40.00 MHz #Sweep 1.000 s (601 pts)

STATUS



Center 1.91000 GHz #Res BW 150 kHz

1.135. LTE Band Edge(NTNV)(Subtest:135, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:MID)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|-------------|-----------------|----------|--|--|-------------------|-------------------------------|
| 1910 | 40 | 0.15 | RMS | 1910.333 | -51.45 | Pass | 601 |
| Agilent Spectrum Analyzer - Swep (X) RL RF 50 Ω Center Freq 1.910000 PASS | AC | Trig: Fre | eRun A | Avg Type: RMS vg Hold: 1/1 | D7:53:08 PM Apr 14, 2 TRACE 1 2 3 TYPE M WWW DET A A A | 456 MMM AAA | equency Auto Tune |
| Ref Offset 10.8 10 dB/div Ref 30.00 dl | 85 dB Bm | | | IVIKI | 1.910 33 G -51.446 di | 3m | |
| 20.0 Trace 1 Pass 20.0 | | | | | | 1.910 | Start Freq |
| -10.0 | | | | | | 1.930 | Stop Freq |
| -30.0 | | \ | | | | Auto 4 | CF Step .000000 MHz Man |
| -50.0 | No other | hear whole from | 1 | met map the section as a sectio | - Marie - Area - | Dather. | Freq Offset 0 Hz |

#Sweep 1.000 s (601 pts)

STATUS



#Res BW 150 kHz

1.136. LTE Band Edge(NTNV)(Subtest:136, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 1, RB Position:HIGH)



#Sweep 1.000 s (601 pts)

STATUS



#Res BW 150 kHz

1.137. LTE Band Edge(NTNV)(Subtest:137, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|----------------------------------|-------------------------------|--------------|-----------|--------------------------------------|--|---|---|
| 1910 | 40 | 0.15 | RMS | 1910.067 | -37.92 | Pass | 601 |
| Agilent Spectrum Analyzer - Swep | DOOO GHZ PNO: Fast IFGain:Low | → Trig: Fre | INT REF # | ALIGN OFF Avg Type: RMS vg Hold: 1/1 | 17:53:20 PM Apr 14, 3 TRACE 1 2 3 TYPE M MAMP DET A A A 1.910 07 G -37.915 dE | 2016 4 5 6 4 5 6 7 1.910 1.890 1.930 4 Auto | equency Auto Tune Center Freq 0000000 GHz Start Freq 0000000 GHz CF Step 0000000 GHz Man Freq Offset 0 Hz |
| Center 1.91000 GHz | | | | Barbaran | Span 40.00 N | nur. | |



1.138. LTE Band Edge(NTNV)(Subtest:138, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:MID)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|-----------|--------------|----------|-------------------------------|---|-----------------|----------------|
| 1910 | 40 | 0.15 | RMS | 1910.133 | -30.07 | Pass | 60 |
| Agilent Spectrum Analyzer - Swep W RL RF 50 \(\text{Center Freq 1.910000} \) PASS Ref Offset 10.8 10 dB/div Ref 30.00 dE Log Trace 1 Pass 20.0 -10.0 -20.0 -30.0 -40.0 | AC | Trig: Fre | e Run A | Avg Type: RMS vg Hold: 1/1 | 17:53:26 PM Apr 14, TRACE 12 3 TYPE MAANN DET A A A 1.910 13 G -30.073 dE | 1.930 1.930 | Start Freq |
| -60.0 Center 1.91000 GHz | | | | and and | Span 40.00 N | gast | |



1.139. LTE Band Edge(NTNV)(Subtest:139, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 36, RB Position:HIGH)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|--|--------------|-----------------|--|----------------------------------|---------|--------------------------------------|
| 1910 | 40 | 0.15 | RMS | 1910.533 | -22.96 | Pass | 601 |
| Agilent Spectrum Analyzer - Swer XX RL RF 50 Ω Center Freq 1.910000 PASS | AC | Trig: Fre | e Run A | ⚠ ALIGN OFF Avg Type: RMS vg Hold: 1/1 | 07:53:32 PM Apr 14, 20: TRACE | 5 6 Fro | equency |
| Ref Offset 10.8 10 dB/div Ref 30.00 d | | | | Mkr1 | 1.910 53 GH -22.956 dB | Z | Auto Tune |
| Trace 1 Pass | | | | | | | enter Freq 0000000 GHz |
| 0.00 | | | | | | 1.890 | Start Freq |
| -20.0 | | | 1 | | | 1.930 | Stop Freq |
| -30.0 -40.0 -40.0 | A CONTRACTOR OF THE STATE OF TH | | Con Many Market | \do | | Auto 4 | CF Step .000000 MHz Man |
| -50.0 | | | | N. D. O. | | F | Freq Offset 0 Hz |
| Center 1.91000 GHz #Res BW 150 kHz | | W 470 kHz* | | | Span 40.00 MH 1.000 s (601 pt | Hz | |

STATUS



Center 1.91000 GHz #Res BW 150 kHz

1.140. LTE Band Edge(NTNV)(Subtest:140, Channel:19125, Bandwidth:15, Modulation:16QAM, RB Number: 75, RB Position:LOW)

VBW 470 kHz*

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|-----------|--------------|----------|--------------------|----------------|---------|---------------------------|
| 1910 | 40 | 0.15 | RMS | 1910 | -26.95 | Pass | 601 |
| Agilent Spectrum Analyzer - Swept SA LXI RF 50 Ω AC INT REF ALIGN OFF 07:53:38 PM Apr 14 Center Freq 1.9100000000 GHz PNO: Fast → IFGain:Low Trig: Free Run Atten: 30 dB #Avg Type: RMS Avg Hold: 1/1 TRACE 12 PASS PNO: Fast → IFGain:Low Atten: 30 dB Mkr1 1.910 00 0 Ref Offset 10.85 dB -26.946 c -26.946 c | | | | | | | equency Auto Tune |
| Trace 1 Pass | | | | | | | enter Freq 0000000 GHz |

Stop Freq 1.930000000 GHz

CF Step 4.000000 MHz

Freq Offset 0 Hz

Man

<u>Auto</u>

Span 40.00 MHz #Sweep 1.000 s (601 pts)



Center 1.85000 GHz #Res BW 200 kHz

1.141. LTE Band Edge(NTNV)(Subtest:141, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point | | |
|--|-----------|--------------|----------|--------------------|--------------------------|---------|---------------------------|--|--|
| 1850 | 40 | 0.2 | RMS | 1850 | -21.41 | Pass | 601 | | |
| Agilent Spectrum Analyzer - Swept SA (X) RL RF 50 \(\Omega \) AC INT REF ALIGN OFF 07:53:51 PMApr 14, 2016 Center Freq 1.850000000 GHz PNO: Fast PNO: Fast PNO: Fast PRO: Fast PNO: Fast P | | | | | | | | | |
| Ref Offset 10.1 10 dB/div Ref 30.00 d | | | | Mkr1 | 1.850 00 G -21.410 dl | IT 4 | Auto Tune | | |
| Trace 1 Pass | | | | | | | enter Freq 0000000 GHz | | |
| 0.00 | | | | | | 1.830 | Start Freq | | |
| -10.0 | | | 1 1 | | | 1.870 | Stop Freq | | |

VBW 620 kHz*

CF Step 4.000000 MHz

Freq Offset 0 Hz

Man

<u>Auto</u>

Span 40.00 MHz #Sweep 1.000 s (601 pts)



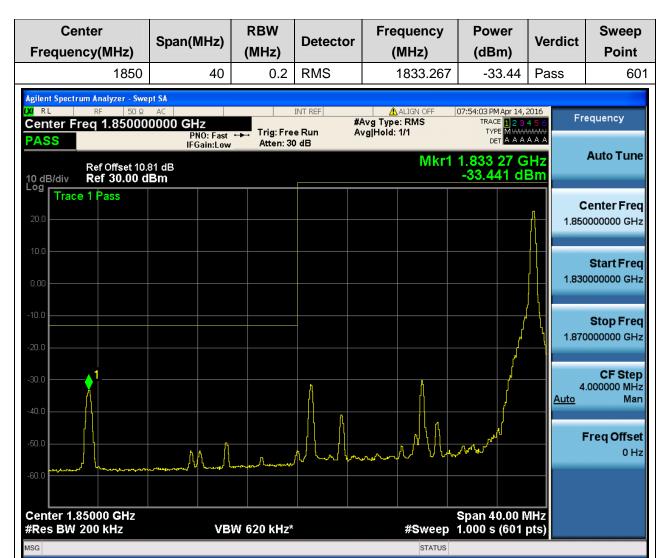
1.142. LTE Band Edge(NTNV)(Subtest:142, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|--|--------------|-------------------|--|--|-----------|--------------------------------------|
| 1850 | 40 | 0.2 | RMS | 1849.867 | -55.71 | Pass | 601 |
| Agilent Spectrum Analyzer - Swept SA X RL RF 50 Ω AC INT REF | | | | | | | equency Auto Tune |
| Ref Offset 10.8 10 dB/div Ref 30.00 di | 31 dB Bm | | | Mkr1 | 1.849 87 G -55.713 dE | TZ | Auto Tune |
| Trace 1 Pass | | | | | | | enter Freq 0000000 GHz |
| 0.00 | | | | | | 1.830 | Start Freq |
| -10.0 | | | | | | 1.870 | Stop Freq |
| -30.0 | | | | | | 4 Auto | CF Step .000000 MHz Man |
| -50.0 | | | 1 Townson Charles | Ji-thours of the state of the s | and of water and a factor of the same of t | 7444 | Freq Offset 0 Hz |
| Center 1.85000 GHz #Res BW 200 kHz | - Annual Control of the Control of t | W 620 kHz* | | | Span 40.00 M 1.000 s (601 p | | |

STATUS



1.143. LTE Band Edge(NTNV)(Subtest:143, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



Span 40.00 MHz

#Sweep 1.000 s (601 pts)

STATUS



Center 1.85000 GHz

#Res BW 200 kHz

1.144. LTE Band Edge(NTNV)(Subtest:144, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:LOW)



VBW 620 kHz*

0 Hz



1.145. LTE Band Edge(NTNV)(Subtest:145, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)





1.146. LTE Band Edge(NTNV)(Subtest:146, Channel:18700, Bandwidth:20, Modulation: QPSK, RB Number: 50, RB Position: HIGH)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point | | | |
|--|-----------|--------------|----------|--------------------|----------------|-------------|----------------|--|--|--|
| 1850 | 40 | 0.2 | RMS | 1845.133 | -40.49 | -40.49 Pass | | | | |
| Agilent Spectrum Analyzer - Swept SA LX RL RF 50 Ω AC INT REF Δ ALIGN OFF 07:54:21 PM Apr 14, 2016 Frequency Center Freq 1.850000000 GHz #Avg Type: RMS TRACE 12:34:56 Frequency | | | | | | | | | | |
| PASS PNO: Fast FGain:Low | | | | vg Hold: 1/1 | TYPE M WWW. | | Auto Tupe | | | |





1.147. LTE Band Edge(NTNV)(Subtest:147, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)





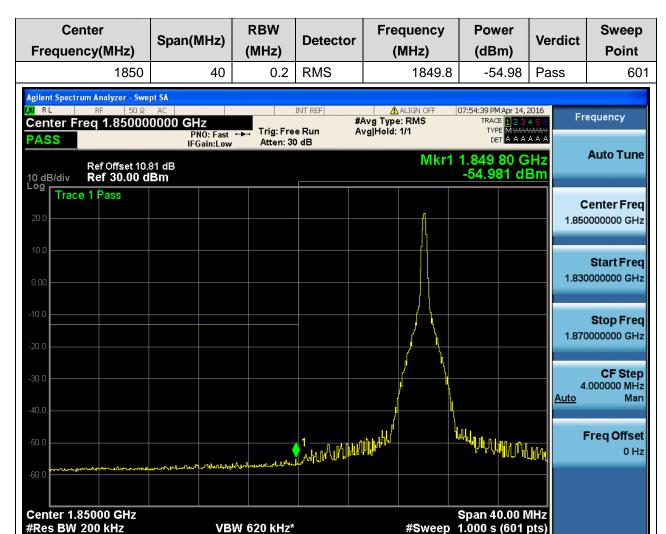
1.148. LTE Band Edge(NTNV)(Subtest:148, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|---------------|--|----------|----------------------------|--------------------------------|---------|--------------------------------------|
| 1850 | 40 | 0.2 | RMS | 1850 | -22.72 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe LXI RL RF 50 Ω Center Freq 1.85000 PASS Ref Offset 10.8 | VAWA A A A | equency Auto Tune | | | | | |
| 10 dB/div Ref 30.00 d Trace 1 Pass | Bm | | A | | -22.716 dE | d | enter Freq |
| 0.00 | | | | | | 1.830 | Start Freq |
| -20.0 | | | 1 | | | 1.870 | Stop Freq |
| -30.0 | | | | | <u> </u> | Auto 4 | CF Step .000000 MHz Man |
| -50.0 | was a second | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | VM-1 | Paradological Coloridation | months of the same | | Freq Offset 0 Hz |
| Center 1.85000 GHz #Res BW 200 kHz | VB | W 620 kHz* | | | Span 40.00 M 1.000 s (601 p | | |

STATUS



1.149. LTE Band Edge(NTNV)(Subtest:149, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:MID)



Span 40.00 MHz

#Sweep 1.000 s (601 pts)

STATUS



Center 1.85000 GHz

#Res BW 200 kHz

1.150. LTE Band Edge(NTNV)(Subtest:150, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)





1.151. LTE Band Edge(NTNV)(Subtest:151, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number: 50, RB Position:LOW)



Span 40.00 MHz

#Sweep 1.000 s (601 pts)

STATUS



Center 1.85000 GHz

#Res BW 200 kHz

1.152. LTE Band Edge(NTNV)(Subtest:152, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number: 50, RB Position:MID)



#Sweep 1.000 s (601 pts)

STATUS



#Res BW 200 kHz

1.153. LTE Band Edge(NTNV)(Subtest:153, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number: 50, RB Position:HIGH)





1.154. LTE Band Edge(NTNV)(Subtest:154, Channel:18700, Bandwidth:20, Modulation:16QAM, RB Number: 100, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|--|----------------------|----------|--------------------|---------------------------|---------|------------------------------|
| 1850 | 40 | 0.2 | RMS | 1849.867 | -29.21 | Pass | 60 |
| Agilent Spectrum Analyzer - Swe (X) RL RF 50 Ω Center Freq 1.85000 PASS | AAA | equency Auto Tune | | | | | |
| Ref Offset 10.9 10 dB/div Ref 30.00 d | | | | IVIKI I | 1.849 87 G -29.208 dE | 3m | |
| Trace 1 Pass | | | | | | | enter Fred 0000000 GH: |
| 0.00 | | | mannes | | Programme de descriptions | 1.830 | Start Fred |
| -10.0 | | | | | | 1.870 | Stop Fred |
| -30.0 -40.0 | المستعدد والمستعدد والمستعد والمستعدد والمستعد | |] | | | Auto 4 | CF Ster .000000 MH Mar |
| -50.0 | | | | | | F | Freq Offse 0 H |
| -60.0 Center 1.85000 GHz | | | | | Span 40.00 N | Mar I | |
| #Res BW 200 kHz | VB | W 620 kHz* | | #Sweep | 1.000 s (601 p | ots) | |

STATUS



1.155. LTE Band Edge(NTNV)(Subtest:155, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



Span 40.00 MHz #Sweep 1.000 s (601 pts)

STATUS



Center 1.91000 GHz #Res BW 200 kHz

1.156. LTE Band Edge(NTNV)(Subtest:156, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:MID)

| Fre | Center quency(MHz | <u>z</u>) | Span(M | IHz) | RBW (MHz) | Detector | • | quency MHz) | Power (dBm) | Verdict | Sweep Point |
|--------|----------------------|--------------------------|-------------------------|---------------------------|--------------|----------|------------------------|----------------|---|--|-------------------------------|
| | 19 | 10 | | 40 | 0.2 | RMS | | 1910.133 | -56.17 | Pass | 601 |
| LXI RL | er Freq 1.91 | 50 Ω | AC 1000 GHz PNO | Z O: Fast ↔ ain:Low | T | e Run | #Avg Type Avg Hold: | : RMS | 07:55:25 PM Apr 14, 2 TRACE 1 2 3 TYPE M WAAAA DET A A A | 456 MAAA | equency |
| 10 dB | Ref Offse | et 10.85 00 dB | 5 dB Sm | | | | | Mkr1 | 1.910 13 G -56.170 dE | 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Auto Tune |
| 20.0 | Trace 1 Pass | \blacksquare | A | | | | | | | | enter Freq 0000000 GHz |
| 0.00 | | | | | | | | | | 1.890 | Start Freq |
| -10.0 | | | | | | | | | | 1.930 | Stop Freq |
| -30.0 | | | r | | | | | | | 4 <u>Auto</u> | CF Step .000000 MHz Man |
| -40.0 | A matrial | a principal | | Months and a | | .1 | | | | | Freq Offset |



1.157. LTE Band Edge(NTNV)(Subtest:157, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)





1.158. LTE Band Edge(NTNV)(Subtest:158, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|-------------------------------|--|----------|--|---|---------|-------------------------------------|
| 1910 | 40 | 0.2 | RMS | 1911.933 | -39.31 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe (X) RL RF 50 Ω Center Freq 1.91000 PASS Ref Offset 10.3 | OOOO GHZ PNO: Fast IFGain:Low | Trig: Fre | eRun A | Avg Type: RMS Avg Hold: 1/1 | 07:55:39 PM Apr 14, 20 TRACE 12 3 4 TYPE M MONTO DET A A A A | Hz Fr | equency Auto Tune |
| 10 dB/div Ref 30.00 d Trace 1 Pass 20.0 | Bm | | | | -39.313 dB | C | enter Freq |
| 0.00 | | | | | | 1.890 | Start Freq |
| -20.0 | Andrew Maren Maren | . | | | | 1.930 | Stop Freq 0000000 GHz CF Step |
| -40.0 | | Was all was a series of the se | 1 | The month of the state of the s | | Auto 4 | .000000 MHz Man |
| -50.0 | | | | and the same of th | فاستعواث بالمساوات والمسادوة والمساد | MAN-A | Freq Offset 0 Hz |
| Center 1.91000 GHz #Res BW 200 kHz | VB | W 620 kHz* | | | Span 40.00 M 1.000 s (601 p | | |

STATUS

Span 40.00 MHz

#Sweep 1.000 s (601 pts)

STATUS



Center 1.91000 GHz

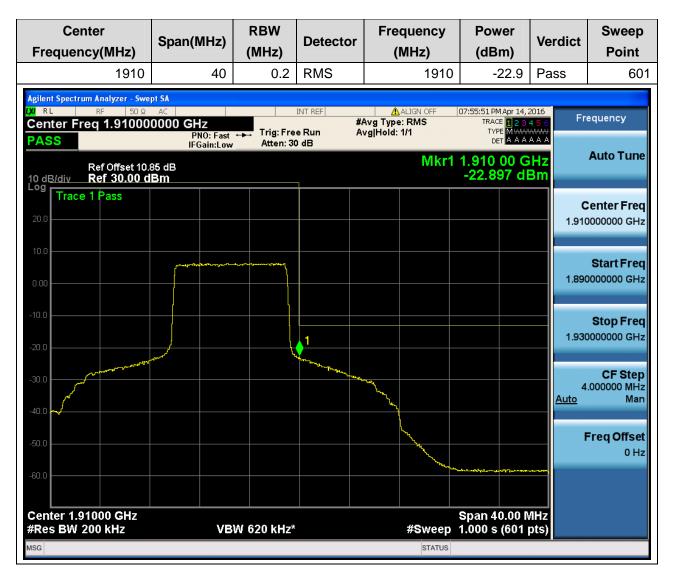
#Res BW 200 kHz

1.159. LTE Band Edge(NTNV)(Subtest:159, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:MID)





1.160. LTE Band Edge(NTNV)(Subtest:160, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 50, RB Position:HIGH)





1.161. LTE Band Edge(NTNV)(Subtest:161, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|-----------|--------------|----------|---------------------------------------|---|-----------|----------------|
| 1910 | 40 | 0.2 | RMS | 1910.067 | -26.11 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe LXI RL RF 50 Ω Center Freq 1.91000 PASS | AC | Trig: Fre | eRun A | ⚠ALIGN OFF Avg Type: RMS vg Hold: 1/1 | 07:55:57 PM Apr 14, 3 TRACE 1 2 3 TYPE M WWW DET A A A | 456 ₩₩ | equency |
| Ref Offset 10. | 85 dB | | | Mkr1 | 1.910 07 G | | Auto Tune |





1.162. LTE Band Edge(NTNV)(Subtest:162, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|--|--|----------|--|--|--------------------|-------------------------------|
| 1910 | 40 | 0.2 | RMS | 1910 | -51.92 | Pass | 60 |
| Agilent Spectrum Analyzer - Swe LXI RL RF 50 \(\text{RL} \) Center Freq 1.91000 PASS | AC | Trig: Fre | e Run 🔏 | AALIGN OFF Avg Type: RMS Avg Hold: 1/1 | 07:56:03 PM Apr 14, 20 TRACE 1 2 3 4 TYPE M WWW DET A A A A | 5 6 MM . A A | equency |
| Ref Offset 10. 10 dB/div Ref 30.00 d | | | | Mkr1 | 1.910 00 GI -51.918 dB | 7 | Auto Tune |
| Trace 1 Pass | | | | | | | enter Fred 0000000 GH: |
| 0.00 | | | | | | 1.890 | Start Free |
| -20.0 | | | | | | 1.930 | Stop Fre 0000000 GH |
| -30.0 | | | | | | Auto 4 | CF Ste .000000 MH Ma |
| | Market Ma | Van de la companya della companya della companya de la companya della companya de | 1 | 1 | | 1 | Freq Offse 0 H |
| -60.0 | | | | | On - 11 40 00 10 | | |
| Center 1.91000 GHz #Res BW 200 kHz | VB | W 620 kHz* | | #Sweep | Span 40.00 M 1.000 s (601 p | ts) | |

STATUS



Center 1.91000 GHz #Res BW 200 kHz

1.163. LTE Band Edge(NTNV)(Subtest:163, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:MID)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|-----------------------|--------------|----------|---|---|------------------|-------------------------------|
| 1910 | 40 | 0.2 | RMS | 1910.067 | -55.99 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe (XI RL RF 50 Ω Center Freq 1.91000 PASS | AC | Trig: Fre | eRun A | ALIGN OFF Avg Type: RMS vvg Hold: 1/1 | 07:56:09 PM Apr 14, 2 TRACE 1 2 3 TYPE M WWW DET A A A | 4 5 6 | equency |
| Ref Offset 10. | 85 dB B m | | | Mkr1 | 1.910 07 G -55.987 dl | 11 / 1 | Auto Tune |
| Trace 1 Pass | Ą | | | | | | enter Freq 0000000 GHz |
| 0.00 | | | | | | 1.890 | Start Freq 0000000 GHz |
| -20.0 | 1 | | | | | 1.930 | Stop Freq |
| -30.0 | | | | | | 4 <u>Auto</u> | CF Step .000000 MHz Man |

VBW 620 kHz*

Freq Offset 0 Hz

Span 40.00 MHz #Sweep 1.000 s (601 pts)

Span 40.00 MHz #Sweep 1.000 s (601 pts)

STATUS



Center 1.91000 GHz #Res BW 200 kHz

1.164. LTE Band Edge(NTNV)(Subtest:164, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number: 1, RB Position:HIGH)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|--|--|-----------------|-------------------------------|--|-----------------------|-------------------------------|
| 1910 | 40 | 0.2 | RMS | 1910 | -24.4 | Pass | 601 |
| Agilent Spectrum Analyzer - Sv W RL RF 50: Center Freq 1.9100 PASS | O AC OOOOO GHZ PNO: Fast IFGain:Low | Trig: Fre | e Run A | Avg Type: RMS vg Hold: 1/1 | 07:56:15 PM Apr 14, 2 TRACE 12 3 TYPE MWW DET A A A | 4 5 6 MMW A A A | equency Auto Tune |
| Ref Offset 1 10 dB/div Ref 30.00 Log Trace 1 Pass | | | | | -24.397 dI | 3m | enter Freg |
| 20.0 | | | | | | | 0000000 GHz |
| 0.00 | | | | | | 1.890 | Start Freq |
| -20.0 | | | 1 | | | 1.930 | Stop Freq |
| -30.0 | | | | | | Auto 4 | CF Step .000000 MHz Man |
| -50.0 | | ~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | M Marie Line | | | | Freq Offset |



1.165. LTE Band Edge(NTNV)(Subtest:165, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number: 50, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|---|--------------------|----------|--|--|---------|--------------------------------------|
| 1910 | 40 | 0.2 | RMS | 1910.2 | -38.44 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe (XI RL RF 50 Ω Center Freq 1.91000 PASS Ref Offset 10.8 | AC 0000 GHz PNO: Fast IFGain:Low | Trig: Fre | e Run A | ALIGN OFF Avg Type: RMS avg Hold: 1/1 | 07:56:21 PM Apr 14, 20 TRACE 12 3 4 TYPE M WHAT DET A A A A | HZ | equency Auto Tune |
| 10 dB/div Ref 30.00 d Log Trace 1 Pass | Bm | | | | -38.440 dE | C | enter Freq 0000000 GHz |
| 0.00 | | | | | | 1.890 | Start Freq |
| -20.0 | Anna serrana | | | | | 1.930 | Stop Fred 20000000 GHz CF Step |
| -40.0 | | water was and made | 1 | nordendado (| | Auto 4 | .000000 MHz Man |
| -50.0 | | | | The same of the sa | | -^ | Freq Offset 0 Hz |
| Center 1.91000 GHz #Res BW 200 kHz | VB | W 620 kHz* | | | Span 40.00 M 1.000 s (601 p | | |

STATUS



Center 1.91000 GHz #Res BW 200 kHz

1.166. LTE Band Edge(NTNV)(Subtest:166, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number: 50, RB Position:MID)

VBW 620 kHz*

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|-----------|--------------|----------|-------------------------------|--|---|-------------------|
| 1910 | 40 | 0.2 | RMS | 1910.133 | -30.3 | Pass | 601 |
| Agilent Spectrum Analyzer - Switch RL RF 50 Q Center Freq 1.91000 PASS | AC | Trig: Fre | e Run A | Avg Type: RMS vg Hold: 1/1 | 07:56:27 PM Apr 14, TRACE 1 2 3 TYPE M WWW DET A A A 1.910 13 G -30.296 d | 456 ******* *************************** | equency Auto Tune |
| 10 dB/div Ref 30.00 d | | | 1 | | | | |

Start Freq 1.890000000 GHz

Stop Freq 1.930000000 GHz

> CF Step 4.000000 MHz Man

Freq Offset 0 Hz

<u>Auto</u>

Span 40.00 MHz #Sweep 1.000 s (601 pts)



Center 1.91000 GHz #Res BW 200 kHz

1.167. LTE Band Edge(NTNV)(Subtest:167, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number: 50, RB Position:HIGH)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|--|--|--------------|---|--|---|-------------------|---------------------------|
| 1910 | 40 | 0.2 | RMS | 1910 | -24.84 | Pass | 601 |
| Agilent Spectrum Analyzer - Swe W RL RF 50 Ω Center Freq 1.91000 PASS | AC | Trig: Fre | e Run / | ALIGN OFF VAvg Type: RMS Avg Hold: 1/1 | 07:56:33 PM Apr 14, TRACE 12 3 TYPE MWWW DET A A A | 456 WWW AAA | equency |
| Ref Offset 10.8 | 85 dB Bm | | 7 | Mkr1 | 1.910 00 G -24.837 dl | | Auto Tune |
| Trace 1 Pass | | | | | | | enter Freq 0000000 GHz |
| 0.00 | Annaly of the same | | | | | 1.890 | Start Freq |
| -10.0 | | | 1 | | | 1.930 | Stop Freq |
| -30.0 | A Parameter A Para | | A BANNAR HINGHAM BANNAR AND | r. | | 4 | CF Step .000000 MHz |

VBW 620 kHz*

Man

Freq Offset 0 Hz

<u>Auto</u>

Span 40.00 MHz #Sweep 1.000 s (601 pts)



1.168. LTE Band Edge(NTNV)(Subtest:168, Channel:19100, Bandwidth:20, Modulation:16QAM, RB Number: 100, RB Position:LOW)

| Center Frequency(MHz) | Span(MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Verdict | Sweep Point |
|---|---|--|---|--------------------|---|-----------|----------------|
| 1910 | 40 | 0.2 | RMS | 1910 | -27.6 | Pass | 60 |
| Agilent Spectrum Analyzer - Swep | | | | | | | |
| LXI RL RF 50Ω Center Freq 1.91000 | | | INT REF | Avg Type: RMS | 07:56:39 PM Apr 14, 2 TRACE 1 2 3 | 456 Fr | equency |
| PASS | PNO: Fast IFGain:Low | | | vg Hold: 1/1 | TYPE M WWW. DET A A A | AAA | |
| Ref Offset 10.8 10 dB/div Ref 30.00 dl | | | | Mkr1 | 1.910 00 G -27.600 dE | Hz 3m | Auto Tune |
| Trace 1 Pass | | | | | | | \ |
| 20.0 | | | \vdash | | | | enter Fred |
| | | | | | | | |
| 10.0 | | | | | | | Start Free |
| 0.00 | موسل مرسدال سيدوالهموسية والرساس المساومة | ~~~\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | 1.890 | 0000000 GH |
| | | | | | | | |
| -10.0 | | | | | | | Stop Free |
| -20.0 | | <u> </u> | 1 | | | 1.930 | 0000000 GH |
| . A ^r | | \ \ | _ | | | | CF Step |
| -30.0 | | | A. A. M. W. | www | | | .000000 мн |
| -40.0 | | | | Mark Mark | | Auto | Mar |
| | | | | | | | Freq Offse |
| -50.0 | | | | No. | | | 0 H: |
| -60.0 | | | | | *************************************** | nan/g-dra | |
| | | | | | | | |
| Center 1.91000 GHz #Res BW 200 kHz | | W 620 kHz* | | | Span 40.00 N 1.000 s (601 p | | |

STATUS



END