

Test Mode:	802.11g	Test channel :	01
Agilent Spectrum Analyzer - Swept SA Display Line -20.00 dBm PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB SENSE: INT ALIGN: AUTO 07:31:00 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M DET P 10 dB/div Log Ref 20.00 dBm Mkr1 2.411 07 GHz -0.042 dBm Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz Sweep 2.933 ms (1001 pts) Display Annotation▶ Title▶ Graticule On Off Display Line -20.00 dBm On Off System Display▶ Settings			
Channel 01			
Agilent Spectrum Analyzer - Swept SA Marker 1 758.775000 kHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB SENSE: INT ALIGN: AUTO 07:31:12 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M DET P 10 dB/div Log Ref 20.00 dBm Mkr1 759 kHz -46.222 dBm Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 2.867 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 768.170000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB SENSE: INT ALIGN: AUTO 07:31:23 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M DET P 10 dB/div Log Ref 20.00 dBm Mkr1 768.17 MHz -59.803 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11g	Test channel :	01								
Agilent Spectrum Analyzer - Swept SA Marker 1 2.414000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:31:34 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.414 GHz -0.845 dBm 1 Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 1G Hz~8GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 15.632000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 5/100 07:31:44 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.632 GHz -54.155 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 8GHz~16GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.469000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:32:13 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.469 GHz -47.541 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz </td></tr> </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 15.632000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 5/100 07:31:44 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.632 GHz -54.155 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 8GHz~16GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.469000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:32:13 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.469 GHz -47.541 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.469000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:32:13 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.469 GHz -47.541 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 15.632000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 5/100 07:31:44 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.632 GHz -54.155 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 8GHz~16GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.469000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:32:13 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.469 GHz -47.541 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.469000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:32:13 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.469 GHz -47.541 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz							
Agilent Spectrum Analyzer - Swept SA Marker 1 24.469000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:32:13 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.469 GHz -47.541 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz											

Test Mode:	802.11g	Test channel :	06
Agilent Spectrum Analyzer - Swept SA Display Line -21.00 dBm PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB SENSE: INT ALIGN: AUTO 07:32:48 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M DET P 10 dB/div Log Ref 20.00 dBm Mkr1 2.436 04 GHz -0.828 dBm Center 2.43700 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms (1001 pts) Display Annotation▶ Title▶ Graticule On Off Display Line -21.00 dBm On Off System Display▶ Settings			
Channel 06			
Agilent Spectrum Analyzer - Swept SA Marker 1 578.829000 kHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB SENSE: INT ALIGN: AUTO 07:34:08 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M DET P 10 dB/div Log Ref 20.00 dBm Mkr1 579 kHz -45.497 dBm Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.867 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 967.990000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB SENSE: INT ALIGN: AUTO 07:34:16 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M DET P 10 dB/div Log Ref 20.00 dBm Mkr1 967.99 MHz -60.223 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11g	Test channel :	06								
Agilent Spectrum Analyzer - Swept SA Marker 1 2.435000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:34:23 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.435 GHz -2.143 dBm Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 1G Hz~8GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 15.552000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:32 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.552 GHz -53.800 dBm Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 8GHz~16GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.568000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:42 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.568 GHz -48.671 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz </td></tr></td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 15.552000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:32 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.552 GHz -53.800 dBm Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 8GHz~16GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.568000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:42 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.568 GHz -48.671 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.568000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:42 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.568 GHz -48.671 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 15.552000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:32 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.552 GHz -53.800 dBm Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 8GHz~16GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.568000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:42 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.568 GHz -48.671 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.568000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:42 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.568 GHz -48.671 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz							
Agilent Spectrum Analyzer - Swept SA Marker 1 24.568000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:34:42 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.568 GHz -48.671 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 16Gz~25GHz											

Test Mode:	802.11g	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 2.462630000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: >100/100 07:36:27 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM 10 dB/div Ref 20.00 dBm Mkr1 2.462 63 GHz -0.692 dBm Center 2.46200 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz Sweep 2.933 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
Channel 11			
Agilent Spectrum Analyzer - Swept SA Marker 1 728.784000 kHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: >100/100 07:36:30 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM 10 dB/div Ref 20.00 dBm Mkr1 729 kHz -47.548 dBm Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 2.867 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 861.2900000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 24/100 07:36:46 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM 10 dB/div Ref 20.00 dBm Mkr1 861.29 MHz -59.057 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11g	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 2.463000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 5/100 07:36:55 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.463 GHz -1.776 dBm Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
1G Hz~8GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 15.584000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 7/100 07:37:08 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.584 GHz -53.196 dBm Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
8GHz~16GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.523000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 6/100 07:37:21 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.523 GHz -47.295 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
16Gz~25GHz			

Test Mode:	802.11n HT20	Test channel :	01
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Agilent Spectrum Analyzer - Swept SA

Marker 1 2.409120000000 GHz

PRF: Fast
IF Gain: Low

Trig: Free Run

Atten: 30 dB

Avg Type: Log-Pwr

Avg Hold: >100/100

07:39:55 PM Jul 11, 2016

TRACE 1 2 3 4 5 6

TYPE M

DET P

10 dB/div

Ref 20.00 dBm

Mkr1 2.409 12 GHz

-1.035 dBm

Center 2.41200 GHz

#Res BW 100 kHz

#VBW 300 kHz

Span 30.00 MHz

Sweep 2.933 ms (1001 pts)

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2

Channel 01

Agilent Spectrum Analyzer - Swept SA

Marker 1 668.802000 kHz

PRF: Fast
IF Gain: Low

Trig: Free Run

Atten: 30 dB

Avg Type: Log-Pwr

Avg Hold: >100/100

07:40:08 PM Jul 11, 2016

TRACE 1 2 3 4 5 6

TYPE M

DET P

10 dB/div

Ref 20.00 dBm

Mkr1 669 kHz

-47.245 dBm

Start 9 kHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 30.00 MHz

Sweep 2.867 ms (1001 pts)

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2

9KHz~30MHz

Agilent Spectrum Analyzer - Swept SA

Marker 1 900.090000000 MHz

PRF: Fast
IF Gain: Low

Trig: Free Run

Atten: 30 dB

Avg Type: Log-Pwr

Avg Hold: 25/100

07:40:16 PM Jul 11, 2016

TRACE 1 2 3 4 5 6

TYPE M

DET P

10 dB/div

Ref 20.00 dBm

Mkr1 900.09 MHz

-58.800 dBm

Start 30.0 MHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 1.0000 GHz

Sweep 92.73 ms (1001 pts)

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2

30M Hz~1GHz

Test Mode:	802.11n HT20	Test channel :	01
Agilent Spectrum Analyzer - Swept SA Marker 1 2.407000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:40:25 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.407 GHz -2.811 dBm 1 Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
1G Hz~8GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 15.608000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 6/100 07:40:36 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.608 GHz -53.823 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
8GHz~16GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.433000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:40:40 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.433 GHz -48.727 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
16Gz~25GHz			

Test Mode:	802.11n HT20	Test channel :	06
Agilent Spectrum Analyzer - Swept SA Display Line -21.30 dBm 10 dB/div Ref 20.00 dBm Mkr1 2.436 37 GHz -0.897 dBm Center 2.43700 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms (1001 pts) Display Annotation▶ Title▶ Graticule Off Display Line -21.30 dBm Off System Display▶ Settings			
Channel 06			
Agilent Spectrum Analyzer - Swept SA Marker 1 548.838000 kHz 10 dB/div Ref 20.00 dBm Mkr1 549 kHz -43.774 dBm Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.867 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr---CF Mkr---Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 813.76000000 MHz 10 dB/div Ref 20.00 dBm Mkr1 813.76 MHz -59.117 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 92.73 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr---CF Mkr---Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11n HT20	Test channel :	06
Agilent Spectrum Analyzer - Swept SA Marker 1 2.435000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:41:49 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.435 GHz -2.528 dBm 1 Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
1G Hz~8GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 15.600000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:41:58 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.600 GHz -53.227 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
8GHz~16GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.919000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 5/100 07:42:09 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.919 GHz -47.566 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
16Gz~25GHz			

Test Mode:	802.11n HT20	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 2.461370000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: >100/100 07:42:44 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M Video/Video DET P NORM/ENM 10 dB/div Ref 20.00 dBm Mkr1 2.461 37 GHz -0.723 dBm Center 2.46200 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz Sweep 2.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
Channel 11			
Agilent Spectrum Analyzer - Swept SA Marker 1 608.820000 kHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: >100/100 07:42:50 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M Video/Video DET P NORM/ENM 10 dB/div Ref 20.00 dBm Mkr1 609 kHz -46.008 dBm Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 2.867 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 266.680000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 22/100 07:43:07 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M Video/Video DET P NORM/ENM 10 dB/div Ref 20.00 dBm Mkr1 266.68 MHz -59.485 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11n HT20	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 2.463000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:43:15 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.463 GHz -2.253 dBm 1 Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
1G Hz~8GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 13.496000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 8/100 07:43:38 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 13.496 GHz -54.463 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
8GHz~16GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.496000000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 10/100 07:43:47 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.496 GHz -46.879 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
16Gz~25GHz			

Test Mode:	802.11n HT40	Test channel :	03
Agilent Spectrum Analyzer - Swept SA Display Line -26.00 dBm PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Align: Auto Avg Type: Log-Pwr Avg/Hold: >100/100 07:44:30 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M Video/Video DET P NORM/ENM 10 dB/div Log Ref 20.00 dBm Mkr1 2.414 10 GHz -5.969 dBm 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Center 2.42200 GHz #Res BW 100 kHz #VBW 300 kHz Span 50.00 MHz Sweep 4.800 ms (1001 pts) Display Annotation▶ Title▶ Graticule On Off Display Line -26.00 dBm On Off System Display▶ Settings			
Channel 01			
Agilent Spectrum Analyzer - Swept SA Marker 1 638.811000 kHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Align: Auto Avg Type: Log-Pwr Avg/Hold: >100/100 07:44:50 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M Video/Video DET P NORM/ENM 10 dB/div Log Ref 20.00 dBm Mkr1 639 kHz -47.239 dBm 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 2.867 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 950.530000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Align: Auto Avg Type: Log-Pwr Avg/Hold: 20/100 07:44:50 PM Jul 11, 2016 TRACE 1 3 4 5 6 TYPE M Video/Video DET P NORM/ENM 10 dB/div Log Ref 20.00 dBm Mkr1 950.53 MHz -59.329 dBm 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11n HT40	Test channel :	03
Agilent Spectrum Analyzer - Swept SA Marker 1 2.428000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:45:05 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.428 GHz -6.918 dBm 1 Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
1G Hz~8GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 14.472000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:45:15 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 14.472 GHz -54.507 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
8GHz~16GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.460000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 4/100 07:45:37 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.460 GHz -47.716 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
16Gz~25GHz			

Test Mode:	802.11n HT40	Test channel :	06
Agilent Spectrum Analyzer - Swept SA Marker 1 2.439150000000 GHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: >100/100 07:46:12 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM 10 dB/div Ref 20.00 dBm Mkr1 2.439 15 GHz -5.809 dBm Center 2.43700 GHz #Res BW 100 kHz #VBW 300 kHz Span 50.00 MHz Sweep 4.800 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
Channel 06			
Agilent Spectrum Analyzer - Swept SA Marker 1 668.802000 kHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: >100/100 07:46:24 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM 10 dB/div Ref 20.00 dBm Mkr1 669 kHz -46.312 dBm Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 2.867 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 850.620000000 MHz PRO: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 99/100 07:46:34 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM 10 dB/div Ref 20.00 dBm Mkr1 850.62 MHz -58.702 dBm Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11n HT40	Test channel :	06
Agilent Spectrum Analyzer - Swept SA Marker 1 2.442000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:46:42 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM IN dB 10 dB/div Log Ref 20.00 dBm Mkr1 2.442 GHz -6.799 dBm -20.30 dBm Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
1G Hz~8GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 15.120000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:46:50 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM IN dB 10 dB/div Log Ref 20.00 dBm Mkr1 15.120 GHz -53.932 dBm -20.30 dBm Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
8GHz~16GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.469000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:46:50 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM IN dB 10 dB/div Log Ref 20.00 dBm Mkr1 24.469 GHz -47.129 dBm -20.30 dBm Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) STATUS Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
16Gz~25GHz			

Test Mode:	802.11n HT40	Test channel :	09
Agilent Spectrum Analyzer - Swept SA Display Line -26.00 dBm PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Align: AUTO Avg Type: Log-Pwr Avg/Hold: >100/100 07:47:44 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LIM 10 dB/div Log Ref 20.00 dBm Mkr1 2.454 15 GHz -5.695 dBm 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 -70.00 Center 2.45200 GHz #Res BW 100 kHz #VBW 300 kHz Span 50.00 MHz Sweep 4.800 ms (1001 pts) Display Annotation▶ Title▶ Graticule On Off Display Line -26.00 dBm On Off System Display▶ Settings			
Channel 11			
Agilent Spectrum Analyzer - Swept SA Marker 1 578.829000 kHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Align: AUTO Avg Type: Log-Pwr Avg/Hold: >100/100 07:47:54 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LIM 10 dB/div Log Ref 20.00 dBm Mkr1 579 kHz -44.925 dBm 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 -70.00 Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 2.867 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 486.870000000 MHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Align: AUTO Avg Type: Log-Pwr Avg/Hold: 21/100 07:48:02 PM Jul 11, 2016 TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LIM 10 dB/div Log Ref 20.00 dBm Mkr1 486.87 MHz -59.865 dBm 0.00 -10.00 -20.00 -30.00 -40.00 -50.00 -60.00 -70.00 Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 92.73 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
30M Hz~1GHz			

Test Mode:	802.11n HT40	Test channel :	09
Agilent Spectrum Analyzer - Swept SA Marker 1 2.449000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 3/100 07:49:10 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 2.449 GHz -6.545 dBm 1 Start 1.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 8.000 GHz Sweep 669.0 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
1G Hz~8GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 15.584000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 5/100 07:49:21 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 15.584 GHz -54.302 dBm 1 Start 8.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 16.000 GHz Sweep 764.6 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
8GHz~16GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.478000000000 GHz PRF: Fast IF Gain: Low Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: 2/100 07:49:31 PM Jul 11, 2016 10 dB/div Log Ref 20.00 dBm Mkr1 24.478 GHz -47.618 dBm 1 Start 16.000 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.000 GHz Sweep 860.1 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
16Gz~25GHz			

4.8. Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (c), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Refer to statement below for compliance.

The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

Measurement

The antenna gain of the complete system is calculated by the difference of radiated power in EIRP and the conducted power of the module. For normal WLAN devices, the DSSS mode is used.

Measurement parameters

Measurement parameter	
Detector:	Peak
Sweep time:	Auto
Resolution bandwidth:	1MHz
Video bandwidth:	3MHz
Trace-Mode:	Max hold

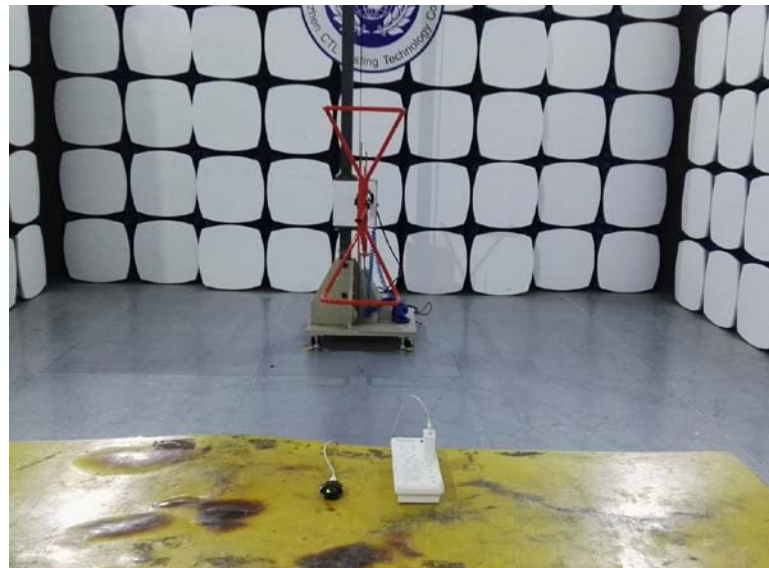
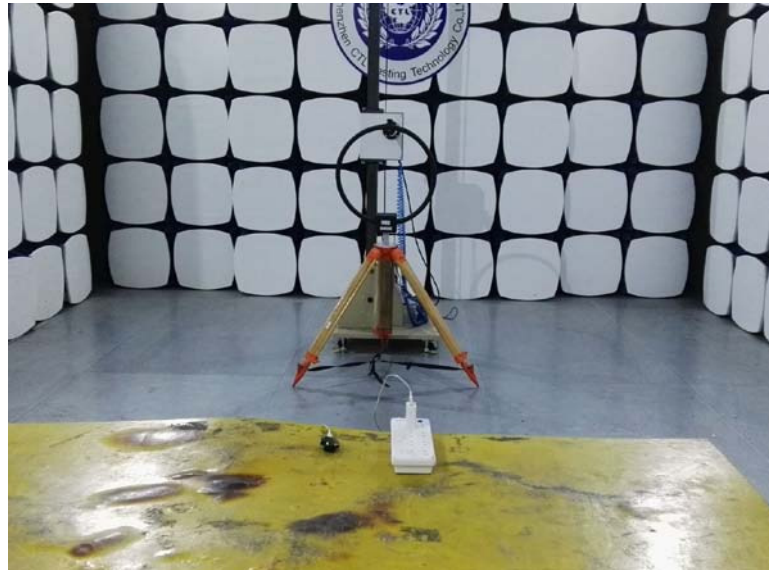
Limits

Antenna Gain	6 dBi
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Results

T_{nom}	V_{nom}	Lowest Channel 2412 MHz	Middle Channel 2437 MHz	Highest Channel 2462 MHz
Conducted power [dBm] Measured with DSSS modulation		9.21	9.86	9.62
Radiated power [dBm] Measured with DSSS modulation		10.77	11.29	10.98
Gain [dBi] Calculated		1.56	1.43	1.36
Measurement uncertainty		± 0.6 dB (cond.) / ± 4.32 dB (rad.)		

5. Test Setup Photos of the EUT





6. External and Internal Photos of the EUT

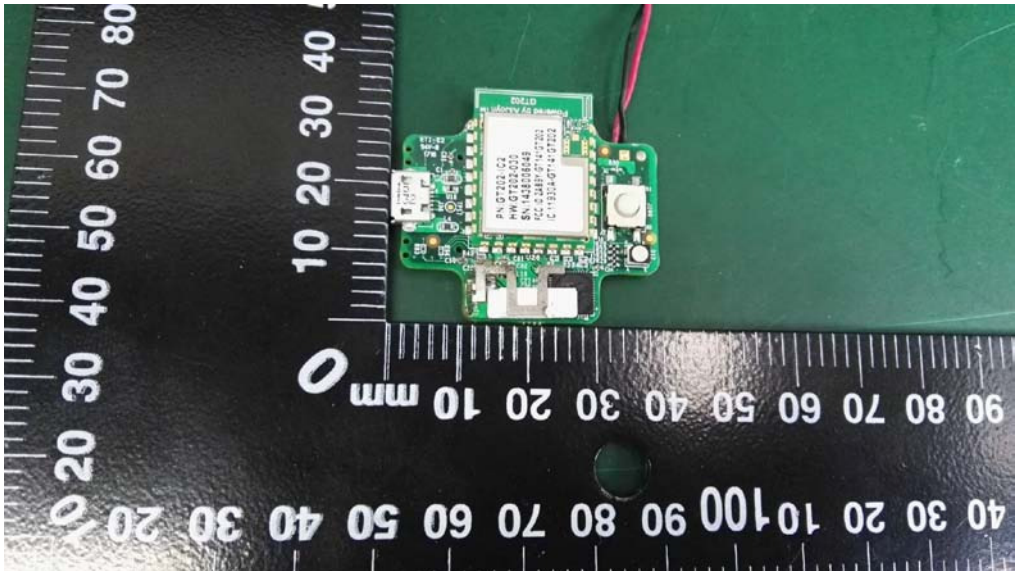
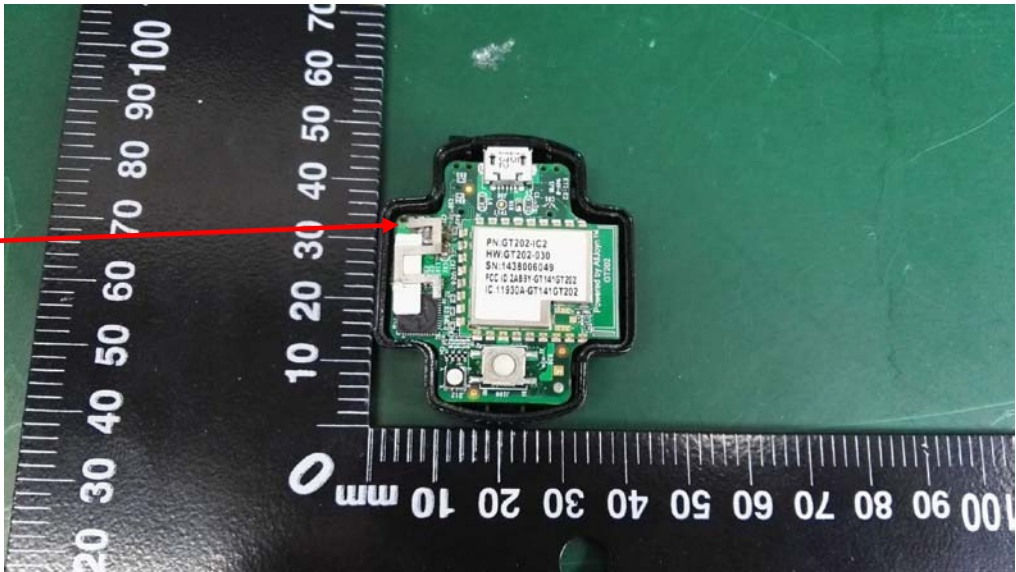
External Photos

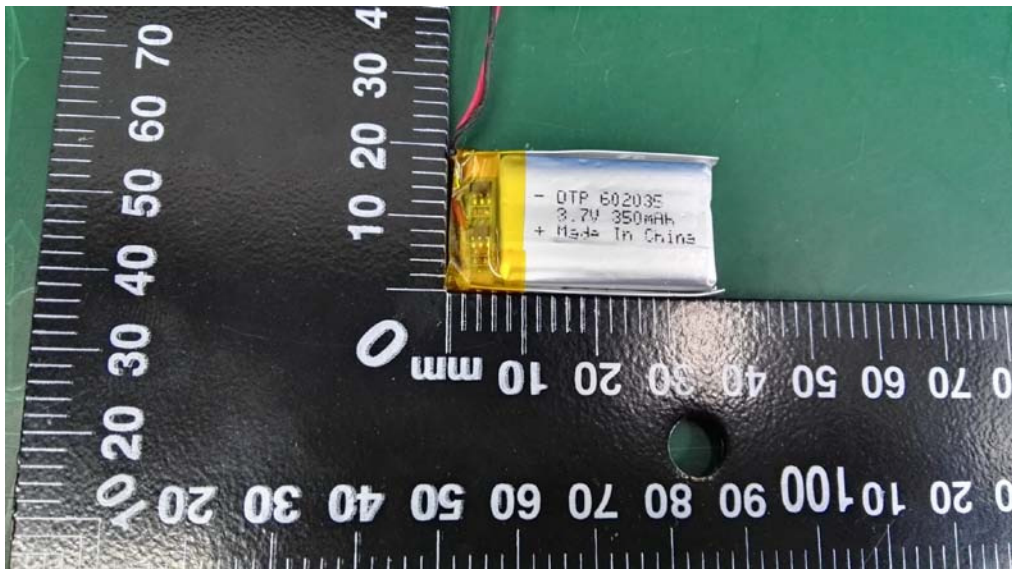




Internal Photos

WLAN
Antenna





.....End of Report.....