

Test Mode:	802.11g	Test channel :	01
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Display Line -20.00 dBm</div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 2.411 07 GHz</div><div>-0.042 dBm</div><div>Center 2.41200 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.933 ms (1001 pts)</div></div><div><div>Display</div><div>Annotation</div><div>Title</div><div>Graticule</div><div>Display Line</div><div>System Display</div><div>Settings</div></div></div>			
Channel 01			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Marker 1 758.775000 kHz</div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 759 kHz</div><div>-46.222 dBm</div><div>Start 9 kHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.867 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More</div><div>1 of 2</div></div></div>			
9KHz~30MHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Marker 1 768.170000000 MHz</div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 768.17 MHz</div><div>-59.803 dBm</div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More</div><div>1 of 2</div></div></div>			
30M Hz~1GHz			

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

Test Mode:	802.11g	Test channel :	06
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Agilent Spectrum Analyzer - Swept SA

Display Line -21.00 dBm

PRF: Fast  
IF Gain: Low

Trig: Free Run  
Atten: 30 dB

Avg Type: Log-Pwr  
Avg/Hold: >100/100

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  
Span 30.00 MHz  
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

Avg Type: Log-Pwr  
Avg/Hold: >100/100

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  
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 1 967.990000000 MHz

PRF: Fast  
IF Gain: Low

Trig: Free Run  
Atten: 30 dB

Avg Type: Log-Pwr  
Avg/Hold: 21/100

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

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

Test Mode:	802.11g	Test channel :	11
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.463000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 5/100</div></div><div>07:36:55 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M DET P</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 2.463 GHz -1.776 dBm</div><div>Start 1.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 8.000 GHz Sweep 669.0 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
1G Hz~8GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 15.584000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 7/100</div></div><div>07:37:08 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M DET P</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 15.584 GHz -53.196 dBm</div><div>Start 8.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 16.000 GHz Sweep 764.6 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
8GHz~16GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 24.523000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 6/100</div></div><div>07:37:21 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M DET P</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 24.523 GHz -47.295 dBm</div><div>Start 16.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 25.000 GHz Sweep 860.1 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
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 Vectorscope

DET P NORM

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 Vectorscope

DET P NORM

10 dB/div

Ref 20.00 dBm

Mkr1 668 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 Vectorscope

DET P NORM

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
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.407000000000 GHz</div><div>PRO: Fast IF Gain: Low</div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 3/100</div><div>07:40:25 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LVL</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 2.407 GHz -2.811 dBm</div><div>Start 1.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 8.000 GHz Sweep 669.0 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div>			
1G Hz~8GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 15.608000000000 GHz</div><div>PRO: Fast IF Gain: Low</div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 6/100</div><div>07:40:36 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LVL</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 15.608 GHz -53.823 dBm</div><div>Start 8.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 16.000 GHz Sweep 764.6 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div>			
8GHz~16GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 24.433000000000 GHz</div><div>PRO: Fast IF Gain: Low</div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 4/100</div><div>07:40:40 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LVL</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 24.433 GHz -48.727 dBm</div><div>Start 16.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 25.000 GHz Sweep 860.1 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div>			
16Gz~25GHz			

Test Mode:	802.11n HT20	Test channel :	06
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Display Line -21.30 dBm</div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 2.436 37 GHz</div><div>-0.897 dBm</div><div>Center 2.43700 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.933 ms (1001 pts)</div></div><div><div>Display</div><div>Annotation▶</div><div>Title▶</div><div>Graticule</div><div>Off</div><div>Display Line</div><div>-21.30 dBm</div><div>Off</div><div>System</div><div>Display▶</div><div>Settings</div></div></div>			
Channel 06			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Marker 1 548.838000 kHz</div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 549 kHz</div><div>-43.774 dBm</div><div>Start 9 kHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 2.867 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr→CF</div><div>Mkr→Ref Lvl</div><div>More</div><div>1 of 2</div></div></div>			
9KHz~30MHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div>Marker 1 813.760000000 MHz</div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 813.76 MHz</div><div>-59.117 dBm</div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr→CF</div><div>Mkr→Ref Lvl</div><div>More</div><div>1 of 2</div></div></div>			
30M Hz~1GHz			

Test Mode:	802.11n HT20	Test channel :	06
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.435000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 3/100</div></div><div>07:41:49 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 2.435 GHz -2.528 dBm</div><div>1</div><div>Start 1.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 8.000 GHz Sweep 669.0 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
1G Hz~8GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 15.600000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 3/100</div></div><div>07:41:58 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 15.600 GHz -53.227 dBm</div><div>1</div><div>Start 8.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 16.000 GHz Sweep 764.6 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
8GHz~16GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 24.919000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 5/100</div></div><div>07:42:09 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 24.919 GHz -47.566 dBm</div><div>1</div><div>Start 16.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 25.000 GHz Sweep 860.1 ms (1001 pts)</div><div>STATUS</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div>			
16Gz~25GHz			

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

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

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

Test Mode:	802.11n HT40	Test channel :	03
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.428000000000 GHz</div><div>PRF: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg Hold: 3/100</div></div><div>07:45:05 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LVL</div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 2.428 GHz -6.918 dBm</div><div>-30.00 dBm</div><div>Start 1.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 8.000 GHz Sweep 669.0 ms (1001 pts)</div><div>STATUS</div></div></div>			
1G Hz~8GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 14.472000000000 GHz</div><div>PRF: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg Hold: 4/100</div></div><div>07:45:15 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LVL</div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 14.472 GHz -54.507 dBm</div><div>-30.00 dBm</div><div>Start 8.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 16.000 GHz Sweep 764.6 ms (1001 pts)</div><div>STATUS</div></div></div>			
8GHz~16GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 24.460000000000 GHz</div><div>PRF: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg Hold: 4/100</div></div><div>07:45:37 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LVL</div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 24.460 GHz -47.716 dBm</div><div>-30.00 dBm</div><div>Start 16.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 25.000 GHz Sweep 860.1 ms (1001 pts)</div><div>STATUS</div></div></div>			
16Gz~25GHz			

Test Mode:	802.11n HT40	Test channel :	06
<div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.439150000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 30 dB</div></div><div><div>Align: AUTO</div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: &gt;100/100</div></div><div><div>07:46:12 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6</div><div>TYPE M Vectors</div><div>DET P NORM</div></div></div><div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 2.439 15 GHz -5.809 dBm</div><div><div>Center 2.43700 GHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Span 50.00 MHz</div><div>Sweep 4.800 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div></div>			
Channel 06			
<div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 668.802000 kHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 30 dB</div></div><div><div>Align: AUTO</div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: &gt;100/100</div></div><div><div>07:46:24 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6</div><div>TYPE M Vectors</div><div>DET P NORM</div></div></div><div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 668 kHz -46.312 dBm</div><div><div>Start 9 kHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 30.00 MHz</div><div>Sweep 2.867 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div></div>			
9KHz~30MHz			
<div><div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 850.620000000 MHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run</div><div>Atten: 30 dB</div></div><div><div>Align: AUTO</div><div>Avg Type: Log-Pwr</div><div>Avg/Hold: 99/100</div></div><div><div>07:46:34 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6</div><div>TYPE M Vectors</div><div>DET P NORM</div></div></div><div><div>10 dB/div</div><div>Ref 20.00 dBm</div><div>Mkr1 850.62 MHz -58.702 dBm</div><div><div>Start 30.0 MHz</div><div>#Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 1.0000 GHz</div><div>Sweep 92.73 ms (1001 pts)</div></div><div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div></div></div></div>			
30M Hz~1GHz			

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

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

Test Mode:	802.11n HT40	Test channel :	09
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 2.449000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 3/100</div></div><div>07:49:10 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LEM</div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 2.449 GHz -6.545 dBm</div><div>-30.00 dBm</div><div>Start 1.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 8.000 GHz Sweep 669.0 ms (1001 pts)</div><div>STATUS</div></div></div>			
1G Hz~8GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 15.584000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 5/100</div></div><div>07:49:21 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LEM</div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 15.584 GHz -54.302 dBm</div><div>-30.00 dBm</div><div>Start 8.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 16.000 GHz Sweep 764.6 ms (1001 pts)</div><div>STATUS</div></div></div>			
8GHz~16GHz			
<div><div><div>Agilent Spectrum Analyzer - Swept SA</div><div><div>Marker 1 24.478000000000 GHz</div><div>PRO: Fast IF Gain: Low</div></div><div><div>Trig: Free Run Atten: 30 dB</div><div>Avg Type: Log-Pwr Avg/Hold: 2/100</div></div><div>07:49:31 PM Jul 11, 2016</div><div>TRACE 1 2 3 4 5 6 TYPE M Vectorscope DET P NORM LEM</div><div>Peak Search</div><div>Next Peak</div><div>Next Pk Right</div><div>Next Pk Left</div><div>Marker Delta</div><div>Mkr--CF</div><div>Mkr--Ref Lvl</div><div>More 1 of 2</div></div><div><div>10 dB/div Log</div><div>Ref 20.00 dBm</div><div>Mkr1 24.478 GHz -47.618 dBm</div><div>-30.00 dBm</div><div>Start 16.000 GHz #Res BW 100 kHz</div><div>#VBW 300 kHz</div><div>Stop 25.000 GHz Sweep 860.1 ms (1001 pts)</div><div>STATUS</div></div></div>			
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

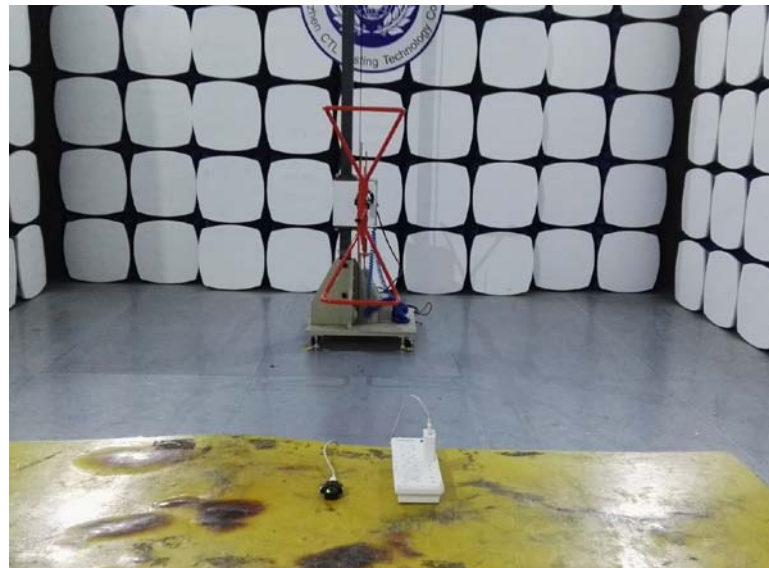
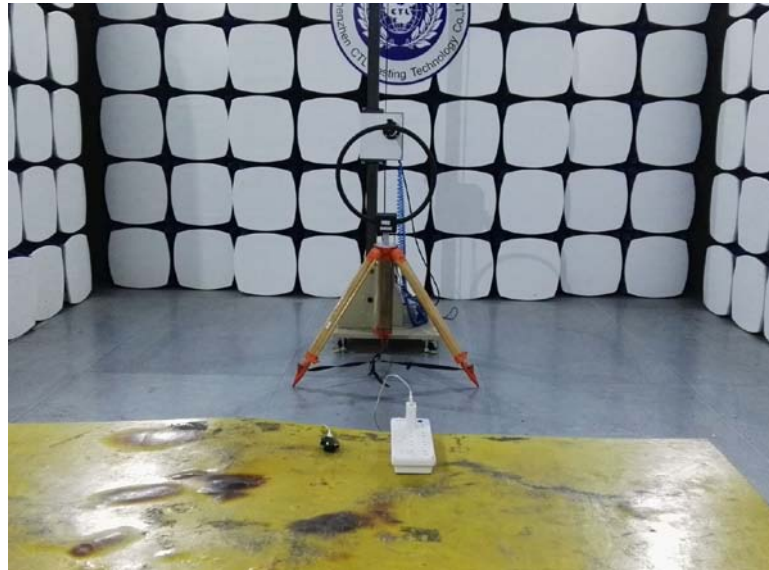
### Limits

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		$\pm 0.6$ dB (cond.) / $\pm 4.32$ dB (rad.)		

## 5. Test Setup Photos of the EUT

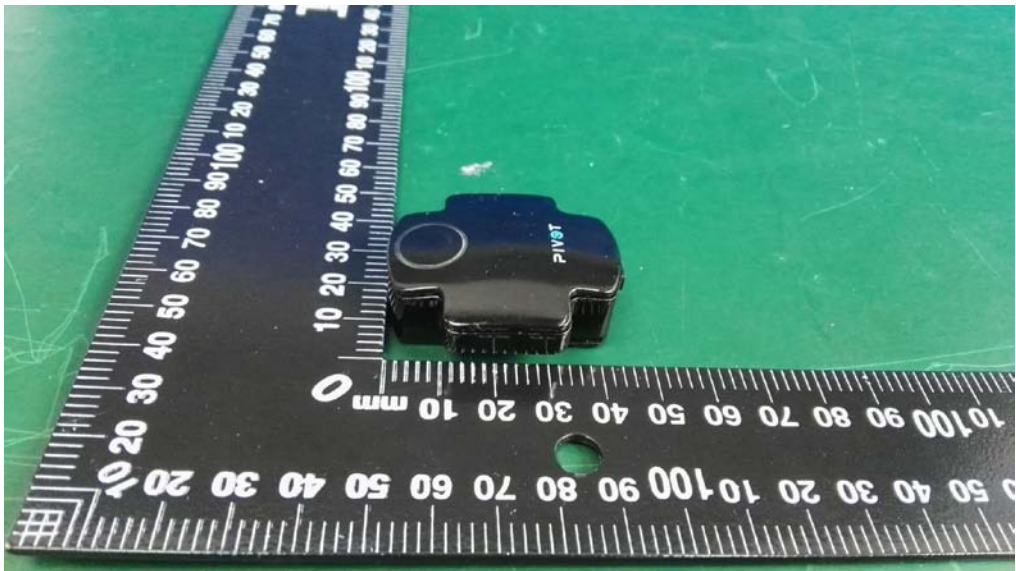




## 6. External and Internal Photos of the EUT

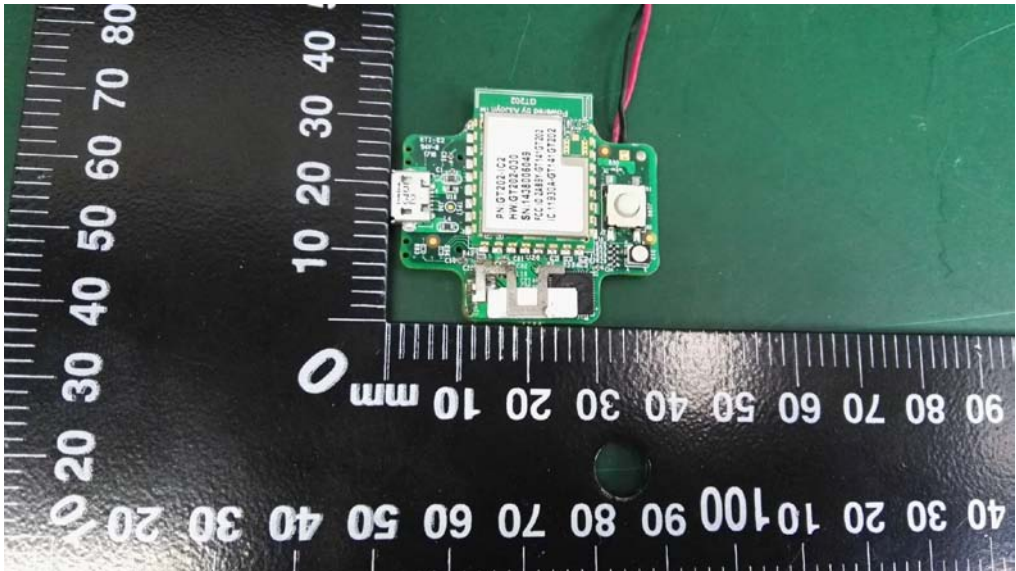
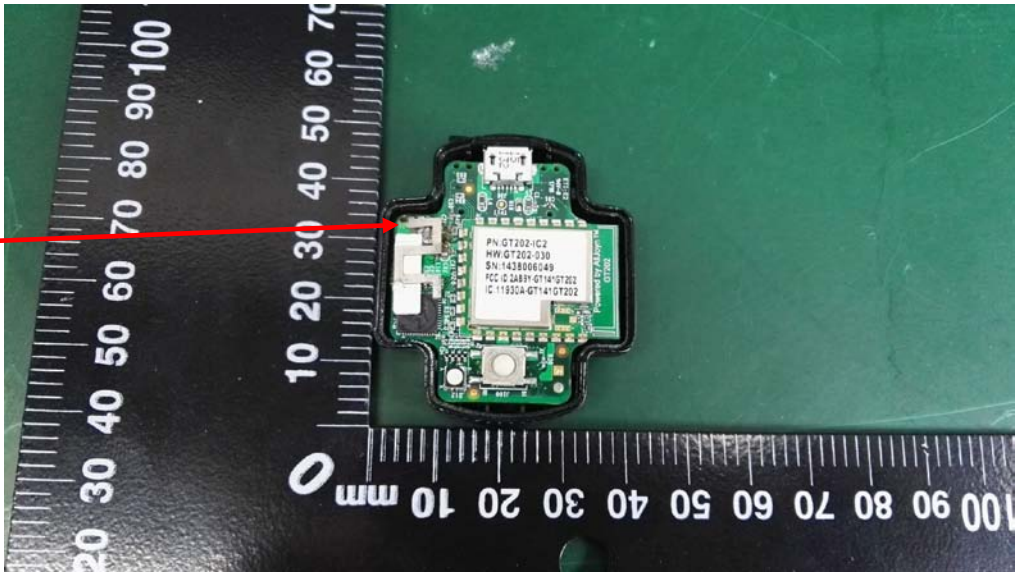
### External Photos

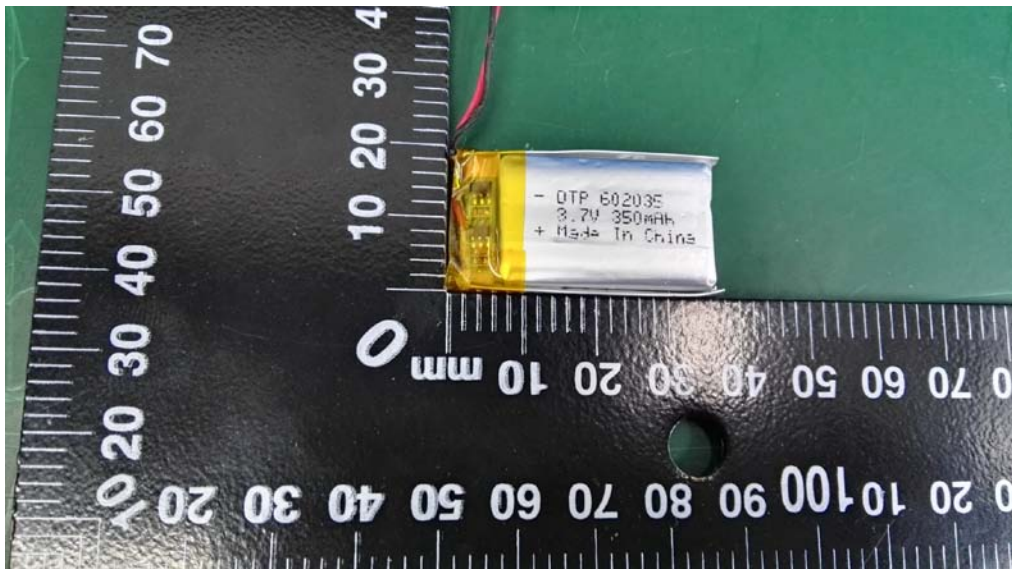




Internal Photos

WLAN  
Antenna





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