

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

Marker 1 2.436490000000 GHz

Trig: Free Run

Avg Type: Log-Pwr

AvgHold>100/100

10 dB/div

Ref 10.00 dBm

Mkr1 2.436 49 GHz

-3.475 dBm

Center 2.43700 GHz

#Res BW 100 kHz

#VBW 300 kHz

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 06

Agilent Spectrum Analyzer - Swept SA

Marker 1 11.538000 kHz

Trig: Free Run

Avg Type: Log-Pwr

AvgHold>100/100

10 dB/div

Ref 10.00 dBm

Mkr1 11.538 kHz

-59.098 dBm

Start 9.00 kHz

#Res BW 1.0 kHz

#VBW 3.0 kHz

Sweep 134.8 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~150KHz

Agilent Spectrum Analyzer - Swept SA

Marker 1 150.000000 kHz

Trig: Free Run

Avg Type: Log-Pwr

AvgHold>100/100

10 dB/div

Ref 10.00 dBm

Mkr1 150.00 kHz

-70.715 dBm

Start 150 kHz

#Res BW 10 kHz

#VBW 30 kHz

Sweep 94.20 ms (1001 pts)

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr→CF

Mkr→Ref Lvl

More 1 of 2

150KHz ~10MHz

Test Mode:	802.11b	Test channel :	06								
Agilent Spectrum Analyzer - Swept SA Marker 1 16.900000000 MHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 16.90 MHz -70.433 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 1.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 10MHz ~30MHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 2.634690000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.634 7 GHz -64.429 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -55.984 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz </td></tr></td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 2.634690000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.634 7 GHz -64.429 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -55.984 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -55.984 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 2.634690000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.634 7 GHz -64.429 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -55.984 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -55.984 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz							
Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -55.984 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz											

Test Mode:	802.11b	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 2.461490000000 GHz Trig: Free Run Avg Type: Log-Pwr AvgHold>100/100 10 dB/div Ref 10.00 dBm Mkr1 2.461 49 GHz -2.949 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 9.000000 kHz Trig: Free Run Avg Type: Log-Pwr AvgHold>100/100 10 dB/div Ref 10.00 dBm Mkr1 9.000 kHz -58.434 dBm Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Stop 150.00 kHz Sweep 134.8 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~150KHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 159.850000 kHz Trig: Free Run Avg Type: Log-Pwr AvgHold>100/100 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -70.843 dBm Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
150KHz ~10MHz			

Test Mode:	802.11b	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 16.460000000 MHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 16.46 MHz -69.620 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 1.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
10MHz ~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 2.619840000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.619 8 GHz -63.888 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
30MHz ~3GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -57.290 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
3GHz~25GHz			

Test Mode:	802.11g	Test channel :	01
Agilent Spectrum Analyzer - Swept SA Marker 1 2.416140000000 GHz Trig: Free Run Avg Type: Log-Pwr AvgHold: 100/100 04:41:33 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L N 10 dB/div Ref 10.00 dBm Mkr1 2.416 14 GHz -13.033 dBm 1 30.18 dBm Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz 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 15.204000 kHz Trig: Free Run Avg Type: Log-Pwr AvgHold: 100/100 04:44:25 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L N 10 dB/div Ref 10.00 dBm Mkr1 15.204 kHz -60.619 dBm Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Sweep 134.8 ms (1001 pts) STATUS DC Coupled Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
9KHz~150KHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 150.000000 kHz Trig: Free Run Avg Type: Log-Pwr AvgHold: 100/100 04:45:16 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L N 10 dB/div Ref 10.00 dBm Mkr1 150.00 kHz -71.952 dBm Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Sweep 94.20 ms (1001 pts) STATUS DC Coupled Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2			
150KHz ~10MHz			

Test Mode:	802.11g	Test channel :	01																				
Agilent Spectrum Analyzer - Swept SA Marker 1 19.540000000 MHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 19.54 MHz -70.574 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">10MHz ~30MHz</td></tr> <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 2.604990000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 2.605 0 GHz -66.615 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">30MHz ~3GHz</td></tr><tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.472 GHz -56.994 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">3GHz~25GHz</td></tr></td></tr></td></tr>				10MHz ~30MHz				Agilent Spectrum Analyzer - Swept SA Marker 1 2.604990000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 2.605 0 GHz -66.615 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">30MHz ~3GHz</td></tr> <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.472 GHz -56.994 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">3GHz~25GHz</td></tr></td></tr>				30MHz ~3GHz				Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.472 GHz -56.994 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">3GHz~25GHz</td></tr>				3GHz~25GHz			
10MHz ~30MHz																							
Agilent Spectrum Analyzer - Swept SA Marker 1 2.604990000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 2.605 0 GHz -66.615 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">30MHz ~3GHz</td></tr> <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.472 GHz -56.994 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">3GHz~25GHz</td></tr></td></tr>				30MHz ~3GHz				Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.472 GHz -56.994 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">3GHz~25GHz</td></tr>				3GHz~25GHz											
30MHz ~3GHz																							
Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.472 GHz -56.994 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 <tr><td colspan="4">3GHz~25GHz</td></tr>				3GHz~25GHz																			
3GHz~25GHz																							

Test Mode:	802.11g	Test channel :	06
Agilent Spectrum Analyzer - Swept SA Marker 1 2.441140000000 GHz Trig: Free Run Avg Type: Log-Pwr AvgHold: 100/100 10 dB/div Ref 10.00 dBm Mkr1 2.441 14 GHz -12.517 dBm Center 2.43700 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 06			
Agilent Spectrum Analyzer - Swept SA Marker 1 11.397000 kHz Trig: Free Run Avg Type: Log-Pwr AvgHold: 100/100 10 dB/div Ref 10.00 dBm Mkr1 11.397 kHz -58.059 dBm Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Stop 150.00 kHz Sweep 134.8 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~150KHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 159.850000 kHz Trig: Free Run Avg Type: Log-Pwr AvgHold: 71/100 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.780 dBm Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
150KHz ~10MHz			

Test Mode:	802.11g	Test channel :	06								
Agilent Spectrum Analyzer - Swept SA Marker 1 16.800000000 MHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 16.80 MHz -70.880 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 1.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 10MHz ~30MHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 2.634690000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.634 7 GHz -64.123 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.472 GHz -57.582 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz </td></tr></td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 2.634690000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.634 7 GHz -64.123 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.472 GHz -57.582 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.472 GHz -57.582 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 2.634690000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.634 7 GHz -64.123 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.472 GHz -57.582 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.472 GHz -57.582 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz							
Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.472 GHz -57.582 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz											

Test Mode:	802.11g	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Display Line -32.01 dBm PN0: Fast IF Gain: Low Trig: Free Run #Atten: 20 dB Align Now Align OFF 04:52:35 PM Jun 02, 2017 TRACE 1 2 3 4 5 TYPE M W W W W W W W W DET P H I L D N L M 10 dB/div Ref 10.00 dBm Mkr1 2.466 14 GHz -12.031 dBm 1 Center 2.46200 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz Sweep 2.933 ms (1001 pts) STATUS All All but RF RF			
Channel 11			
Agilent Spectrum Analyzer - Swept SA Marker 1 9.705000 kHz PN0: Wide IF Gain: Low Trig: Free Run #Atten: 20 dB Align Now Align OFF 04:54:37 PM Jun 02, 2017 TRACE 1 2 3 4 5 TYPE M W W W W W W W W DET P H I L D N L M 10 dB/div Ref 10.00 dBm Mkr1 9.705 kHz -58.703 dBm 1 Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Stop 150.00 kHz Sweep 134.8 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~150KHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 150.000000 kHz PN0: Wide IF Gain: Low Trig: Free Run #Atten: 20 dB Align Now Align OFF 04:55:18 PM Jun 02, 2017 TRACE 1 2 3 4 5 TYPE M W W W W W W W W DET P H I L D N L M 10 dB/div Ref 10.00 dBm Mkr1 150.00 kHz -72.636 dBm 1 Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 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			
150KHz ~10MHz			

Test Mode:	802.11g	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 16.280000000 MHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 16.28 MHz -71.422 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
10MHz ~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 2.685180000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 2.685 2 GHz -65.570 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
30MHz ~3GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.538000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.538 GHz -56.391 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
3GHz~25GHz			

Test Mode:	802.11n HT20	Test channel :	01																				
Agilent Spectrum Analyzer - Swept SA Marker 1 2.409120000000 GHz Trig: Free Run #Atten: 20 dB SENSE:INT ALIGN: OFF 04:58:04 PM Jun 02, 2017 10 dB/div Ref 10.00 dBm Mkr1 2.409 12 GHz -12.742 dBm Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz 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 <tr><td colspan="4">Channel 01</td></tr> <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 11.115000 kHz Trig: Free Run #Atten: 20 dB SENSE:INT ALIGN: OFF 04:59:36 PM Jun 02, 2017 10 dB/div Ref 10.00 dBm Mkr1 11.115 kHz -58.930 dBm Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Sweep 134.8 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 STATUS: DC Coupled </td></tr> <tr><td colspan="4">9KHz~150KHz</td></tr> <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 159.850000 kHz Trig: Free Run #Atten: 20 dB SENSE:INT ALIGN: OFF 05:00:26 PM Jun 02, 2017 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.908 dBm Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Sweep 94.20 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 STATUS: DC Coupled </td></tr> <tr><td colspan="4">150KHz ~10MHz</td></tr>				Channel 01				Agilent Spectrum Analyzer - Swept SA Marker 1 11.115000 kHz Trig: Free Run #Atten: 20 dB SENSE:INT ALIGN: OFF 04:59:36 PM Jun 02, 2017 10 dB/div Ref 10.00 dBm Mkr1 11.115 kHz -58.930 dBm Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Sweep 134.8 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 STATUS: DC Coupled				9KHz~150KHz				Agilent Spectrum Analyzer - Swept SA Marker 1 159.850000 kHz Trig: Free Run #Atten: 20 dB SENSE:INT ALIGN: OFF 05:00:26 PM Jun 02, 2017 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.908 dBm Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Sweep 94.20 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 STATUS: DC Coupled				150KHz ~10MHz			
Channel 01																							
Agilent Spectrum Analyzer - Swept SA Marker 1 11.115000 kHz Trig: Free Run #Atten: 20 dB SENSE:INT ALIGN: OFF 04:59:36 PM Jun 02, 2017 10 dB/div Ref 10.00 dBm Mkr1 11.115 kHz -58.930 dBm Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Sweep 134.8 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 STATUS: DC Coupled																							
9KHz~150KHz																							
Agilent Spectrum Analyzer - Swept SA Marker 1 159.850000 kHz Trig: Free Run #Atten: 20 dB SENSE:INT ALIGN: OFF 05:00:26 PM Jun 02, 2017 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.908 dBm Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Sweep 94.20 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 STATUS: DC Coupled																							
150KHz ~10MHz																							

Test Mode:	802.11n HT20	Test channel :	01								
Agilent Spectrum Analyzer - Swept SA Marker 1 23.640000000 MHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 23.64 MHz -71.501 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.933 ms (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:58:43 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10MHz ~30MHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 2.619400000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 2.619 8 GHz -66.219 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:58:56 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 24.472 GHz -57.636 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:59:12 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 3GHz~25GHz </td></tr></td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 2.619400000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 2.619 8 GHz -66.219 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:58:56 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 24.472 GHz -57.636 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:59:12 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 3GHz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 24.472 GHz -57.636 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:59:12 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 3GHz~25GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 2.619400000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 2.619 8 GHz -66.219 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:58:56 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 30MHz ~3GHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 24.472 GHz -57.636 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:59:12 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 3GHz~25GHz </td></tr>				Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 24.472 GHz -57.636 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:59:12 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 3GHz~25GHz							
Agilent Spectrum Analyzer - Swept SA Marker 1 24.472000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Ref 10.00 dBm Log 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0 Mkr1 24.472 GHz -57.636 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) MSG STATUS SENSE:INT ALGN:OFF 04:59:12 PM Jun 02, 2017 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P H I L T N L M Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 3GHz~25GHz											

Test Mode:	802.11n HT20	Test channel :	06
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Agilent Spectrum Analyzer - Swept SA

Display Line -32.65 dBm

PN0: Fast
IF Gain: Low

Trig: Free Run
#Atten: 20 dB

SENSE:INT

ALIGN: OFF

05:01:40 PM Jun 02, 2017

TRACE 1 2 3 4 5

TYPE M W W W W W W W W W

DET P N I I I I I I I I

10 dB/div

Ref 10.00 dBm

Mkr1 2.440 39 GHz
-12.648 dBm

1

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
-32.65 dBm
On Off

System
Display▶
Settings

Channel 06

Agilent Spectrum Analyzer - Swept SA

Marker 1 10.128000 kHz

PN0: Wide
IF Gain: Low

Trig: Free Run
#Atten: 20 dB

SENSE:INT

ALIGN: OFF

05:03:06 PM Jun 02, 2017

TRACE 1 2 3 4 5

TYPE M W W W W W W W W W

DET P N I I I I I I I I

10 dB/div

Ref 10.00 dBm

Mkr1 10.128 kHz
-60.406 dBm

1

Start 9.00 kHz
#Res BW 1.0 kHz
#VBW 3.0 kHz
Sweep 134.8 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~150KHz

Agilent Spectrum Analyzer - Swept SA

Marker 1 159.850000 kHz

PN0: Wide
IF Gain: Low

Trig: Free Run
#Atten: 20 dB

SENSE:INT

ALIGN: OFF

05:03:39 PM Jun 02, 2017

TRACE 1 2 3 4 5

TYPE M W W W W W W W W W

DET P N I I I I I I I I

10 dB/div

Ref 10.00 dBm

Mkr1 159.85 kHz
-71.491 dBm

1

Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Sweep 94.20 ms (1001 pts)

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr→CF

Mkr→Ref Lvl

More
1 of 2

150KHz ~10MHz

Test Mode:	802.11n HT20	Test channel :	06
Agilent Spectrum Analyzer - Swept SA Marker 1 21.340000000 MHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 21.34 MHz -71.426 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Stop 30.00 MHz Sweep 1.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 10MHz ~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 2.655480000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 2.655 5 GHz -65.423 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 3.000 GHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 30MHz ~3GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Atten: 20 dB 10 dB/div Log Ref 10.00 dBm Mkr1 24.516 GHz -56.184 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Stop 25.00 GHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2 3GHz~25GHz			

Test Mode:	802.11n HT20	Test channel :	11								
Agilent Spectrum Analyzer - Swept SA RF 50 dB AC SENSE:INT ALIGN:OFF 04:52:35 PM Jun 02, 2017 Display Line -32.01 dBm PNO: Fast IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 100/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Align Now All All but RF RF 10 dB/div Ref 10.00 dBm Mkr1 2.466 14 GHz -11.781 dBm 1 Center 2.46200 GHz #Res BW 100 kHz #VBW 300 kHz Span 30.00 MHz Sweep 2.933 ms (1001 pts) Channel 11 <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:06:30 PM Jun 02, 2017 Marker 1 11.961000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 57/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 11.961 kHz -59.314 dBm 1 Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Stop 150.00 kHz Sweep 134.8 ms (1001 pts) 9KHz~150KHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:07:35 PM Jun 02, 2017 Marker 1 159.850000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 100/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.344 dBm 1 Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) 150KHz ~10MHz </td></tr></td></tr>				Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:06:30 PM Jun 02, 2017 Marker 1 11.961000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 57/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 11.961 kHz -59.314 dBm 1 Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Stop 150.00 kHz Sweep 134.8 ms (1001 pts) 9KHz~150KHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:07:35 PM Jun 02, 2017 Marker 1 159.850000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 100/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.344 dBm 1 Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) 150KHz ~10MHz </td></tr>				Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:07:35 PM Jun 02, 2017 Marker 1 159.850000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 100/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.344 dBm 1 Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) 150KHz ~10MHz			
Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:06:30 PM Jun 02, 2017 Marker 1 11.961000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 57/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 11.961 kHz -59.314 dBm 1 Start 9.00 kHz #Res BW 1.0 kHz #VBW 3.0 kHz Stop 150.00 kHz Sweep 134.8 ms (1001 pts) 9KHz~150KHz <tr><td colspan="4"> Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:07:35 PM Jun 02, 2017 Marker 1 159.850000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 100/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.344 dBm 1 Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) 150KHz ~10MHz </td></tr>				Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:07:35 PM Jun 02, 2017 Marker 1 159.850000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 100/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.344 dBm 1 Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) 150KHz ~10MHz							
Agilent Spectrum Analyzer - Swept SA RF 50 dB DC SENSE:INT ALIGN:OFF 05:07:35 PM Jun 02, 2017 Marker 1 159.850000 kHz PNO: Wide IF Gain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 100/100 TRACE 1 2 3 4 5 TYPE M W W W W W W W DET P N N N N N N Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr--CF Mkr--Ref Lvl More 1 of 2 10 dB/div Ref 10.00 dBm Mkr1 159.85 kHz -71.344 dBm 1 Start 150 kHz #Res BW 10 kHz #VBW 30 kHz Stop 10.000 MHz Sweep 94.20 ms (1001 pts) 150KHz ~10MHz											

Test Mode:	802.11n HT20	Test channel :	11
Agilent Spectrum Analyzer - Swept SA Marker 1 16.900000000 MHz Trig: Free Run #Att: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 16.90 MHz -70.820 dBm Start 10.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.933 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
10MHz ~30MHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 2.703000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 2.703 0 GHz -63.968 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 283.9 ms (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
30MHz ~3GHz			
Agilent Spectrum Analyzer - Swept SA Marker 1 24.516000000000 GHz Trig: Free Run #Att: 20 dB 10 dB/div Ref 10.00 dBm Mkr1 24.516 GHz -57.295 dBm Start 3.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.103 s (1001 pts) Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta Mkr→CF Mkr→Ref Lvl More 1 of 2			
3GHz~25GHz			

4.8. Antenna Requirement

Standard Applicable

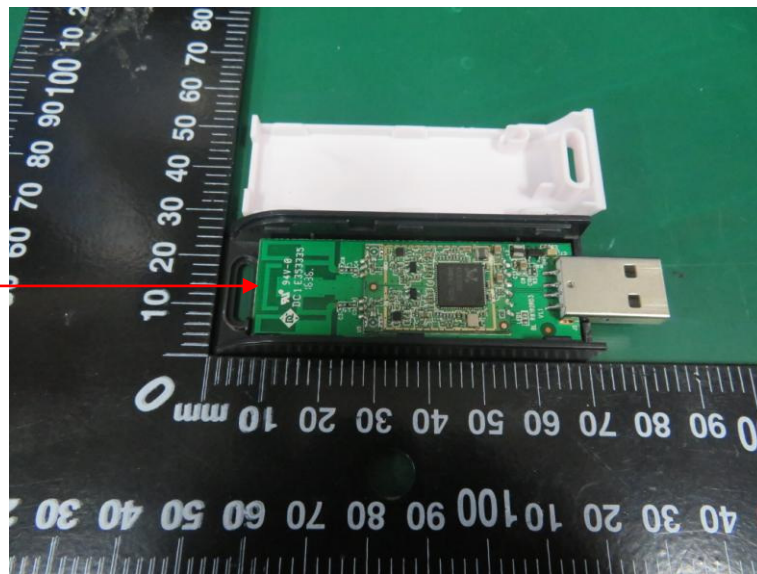
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

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.

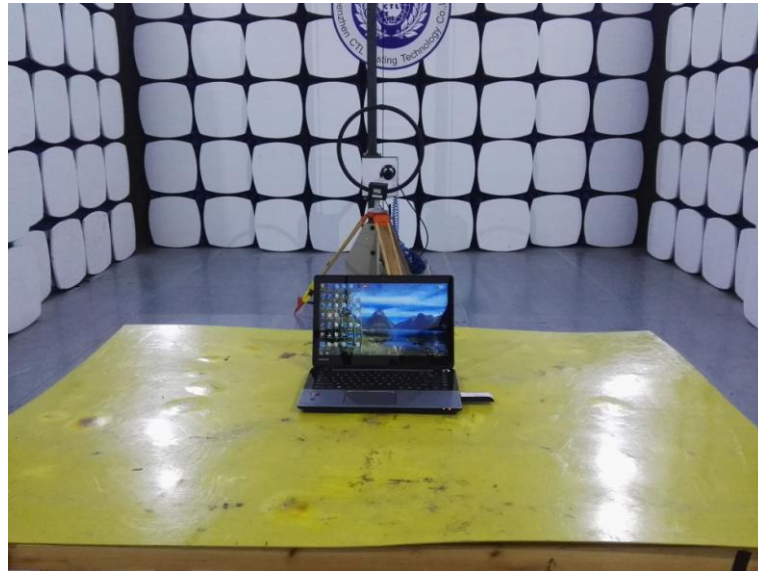
Antenna Information

The antenna is layout on PCB board, the directional gains of antenna used for transmitting is 1.13dBi.

WIFI
Antenna



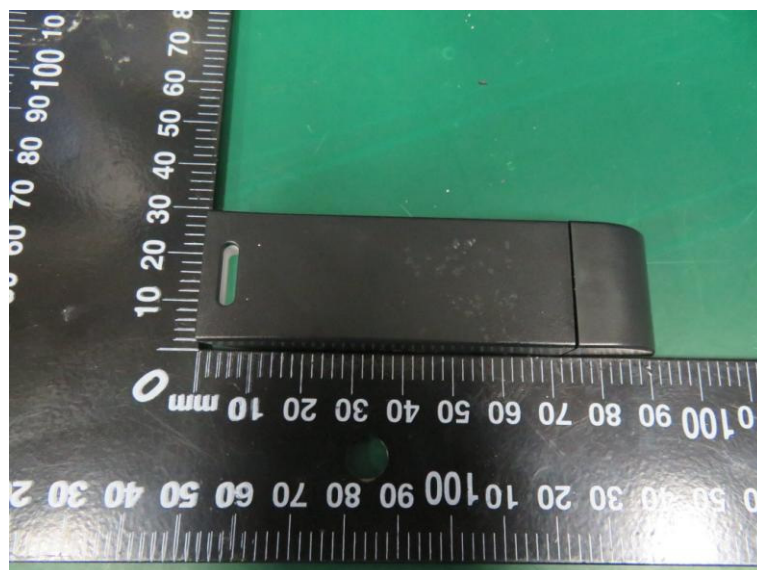
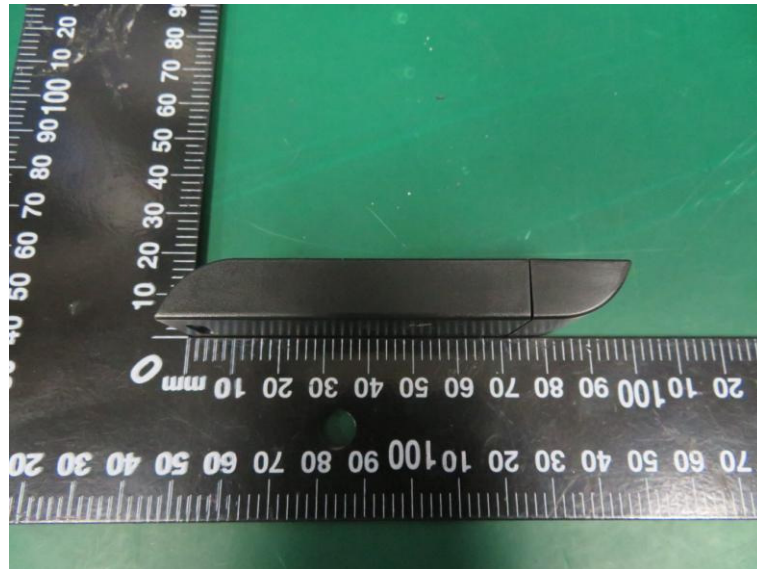
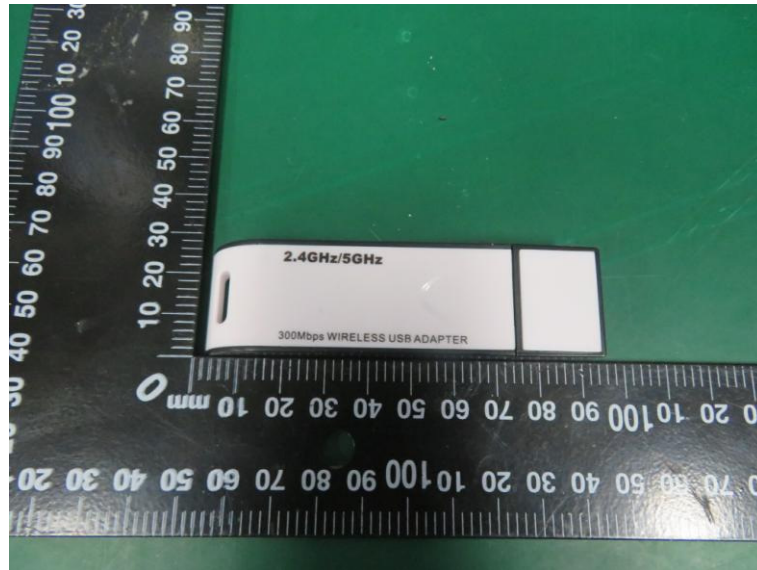
5. Test Setup Photos of the EUT

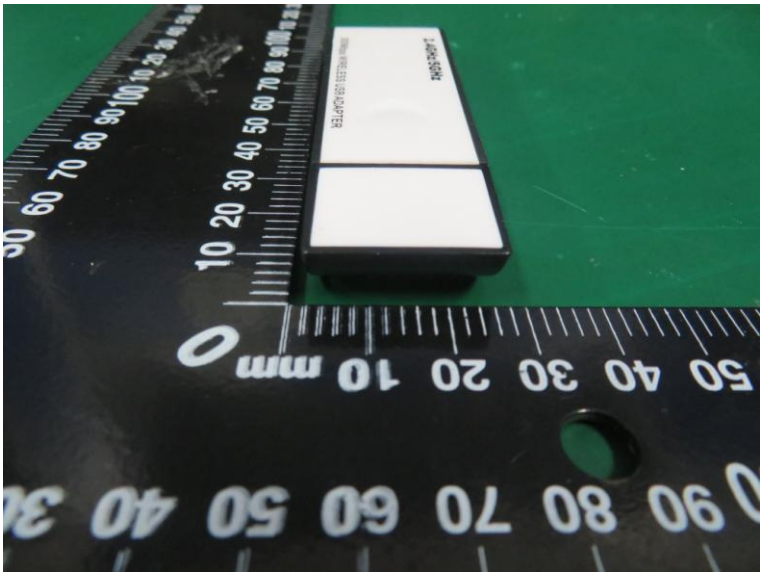
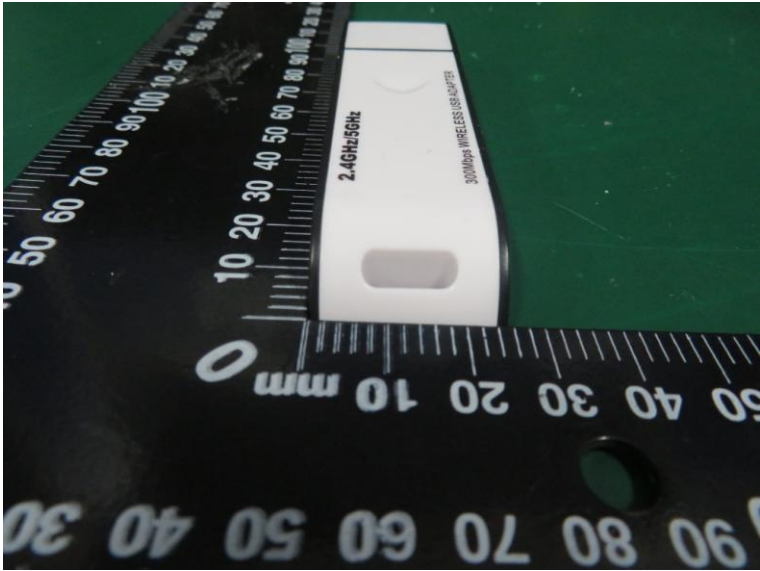
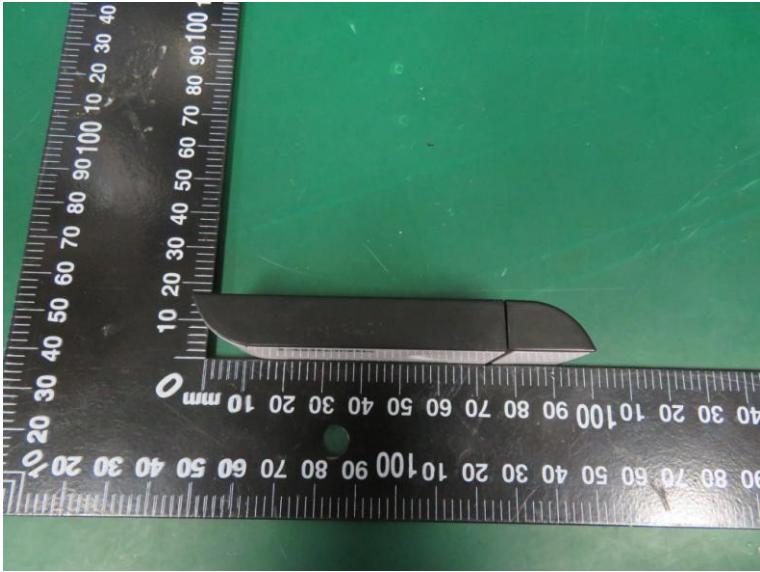




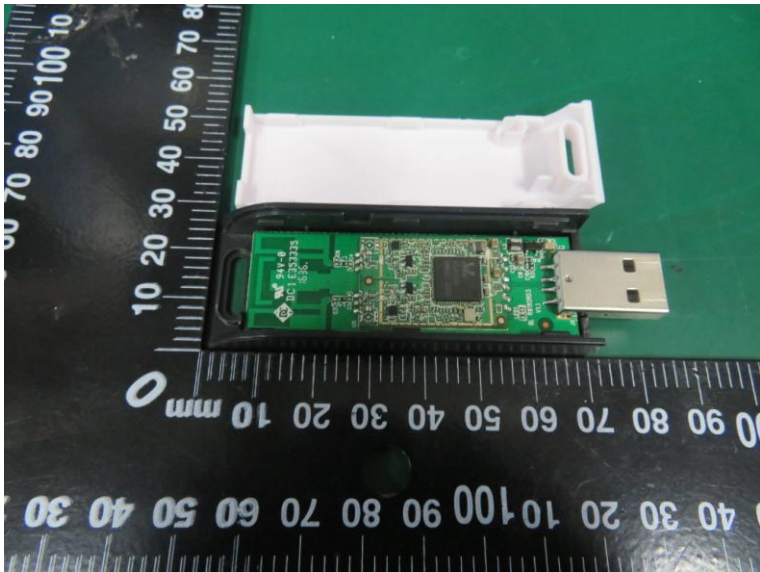
6. External and Internal Photos of the EUT

External Photos

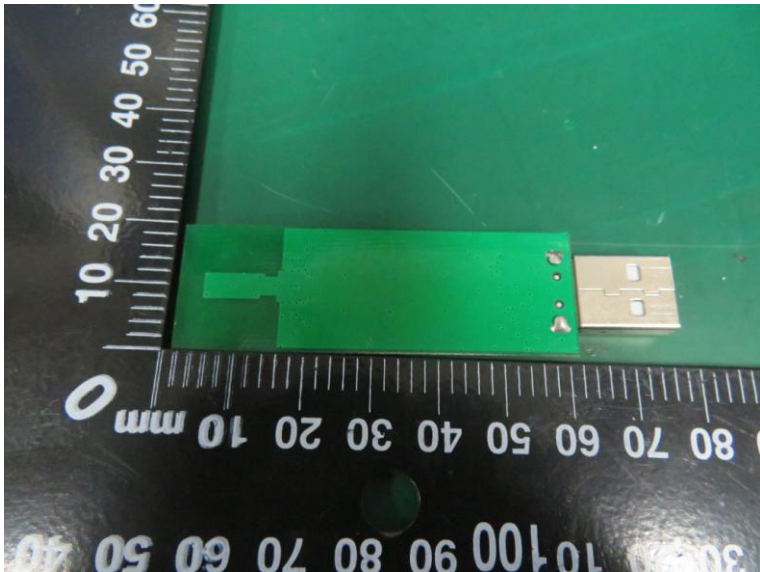
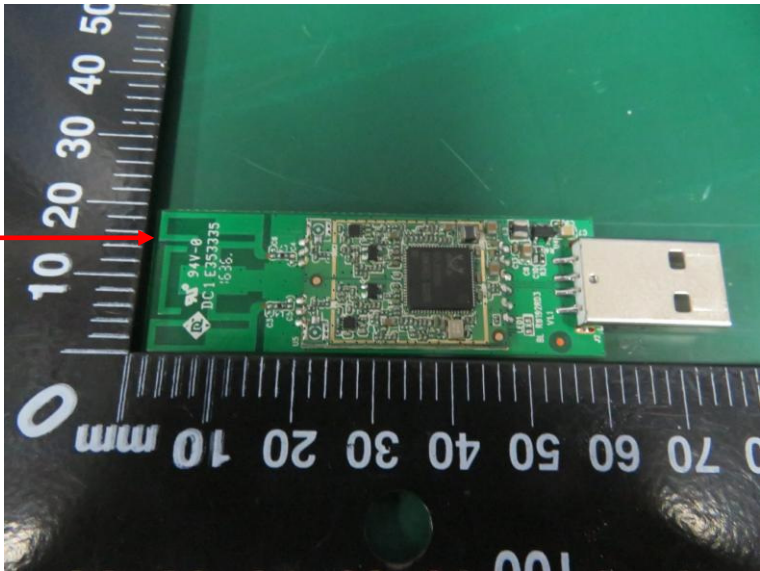




Internal Photos



WiFi Antenna



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