

11AX80MIMO_Ant1_6465



11AX80MIMO_Ant2_6465



C1.3 Operating Frequency: 6525-6875MHz

Test Graphs



11AX20MIMO_Ant2_6535

Spectrum Analyzer 1
Sweep SA

KEYSIGHT
Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 20 dB

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
M W W W W W W
P P P P P P

Center Frequency
6.535000000 GHz

Span
40.0000000 MHz

Sweep Span
Zero Span

Full Span

Start Freq
6.515000000 GHz

Stop Freq
6.555000000 GHz

AUTO TUNE

CF Step
4.0000000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
Span Zoom

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 11.43 dB

Ref Level 10.00 dBm

ΔMkr3 21.64 MHz

-0.40 dB

Log

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Center 6.53500 GHz

#Res BW 220 kHz

#Video BW 680 kHz

Span 40.00 MHz

Sweep 1.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	6.523 88 GHz	-38.89 dBm			
2	N	1	f	6.532 00 GHz	-11.46 dBm			
3	Δ1	1	f (Δ)	21.64 MHz (Δ)	-0.4014 dB			
4								
5								
6								

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11AX20MIMO_Ant1_6695



11AX20MIMO_Ant2_6695



11AX20MIMO_Ant1_6855



11AX20MIMO_Ant2_6855



11AX40MIMO_Ant1_6565



11AX40MIMO_Ant2_6565



11AX40MIMO_Ant1_6685



11AX40MIMO_Ant2_6685



The screenshot displays a Spectrum Analyzer 1 interface. The main display shows a signal trace with a center frequency of 6.84500 GHz and a span of 80.00 MHz. The trace is labeled with 'Ref Lvl Offset 11.05 dB' and 'Ref Level 10.00 dBm'. A marker 'ΔMkr3' is placed at 39.44 MHz with a value of -1.69 dB. The trace is also labeled with 'DL1 -32.88 dBm'.

The interface includes a 'Spectrum Analyzer 1' title bar, a 'Sweep SA' button, and a 'Frequency' dropdown menu. The 'Center Frequency' is set to 6.845000000 GHz. The 'Span' is set to 80.0000000 MHz. The 'Start Freq' is 6.805000000 GHz and the 'Stop Freq' is 6.885000000 GHz. The 'AUTO TUNE' button is visible.

The '5 Marker Table' is shown below the main display:

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	6.825 24 GHz	-33.18 dBm			
2	N	1	f	6.846 04 GHz	-6.876 dBm			
3	Δ1	1	f (Δ)	39.44 MHz (Δ)	-1.691 dB			
4								
5								
6								

The interface also shows a 'Signal Track' section at the bottom right, indicating 'Signal Track (Span Zoom)'.

11AX40MIMO_Ant2_6845

Spectrum Analyzer 1
Swept SA

Center Frequency: 6.845000000 GHz

Span: 80.000000 MHz

Start Freq: 6.805000000 GHz

Stop Freq: 6.885000000 GHz

AUTO TUNE

CF Step: 8.000000 MHz

Freq Offset: 0 Hz

X Axis Scale: Log

Signal Track (Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 11.16 dB

Ref Level 10.00 dBm

ΔMkr3 39.36 MHz

1.03 dB

Center 6.84500 GHz

#Res BW 430 kHz

#Video BW 1.3 MHz

Span 80.00 MHz

Sweep 1.00 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	6.825 24 GHz	-35.76 dBm			
2	N	1	f	6.845 00 GHz	-8.508 dBm			
3	Δ	1	f (Δ)	39.36 MHz (Δ)	1.025 dB			
4								
5								
6								

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11AX80MIMO_Ant1_6625