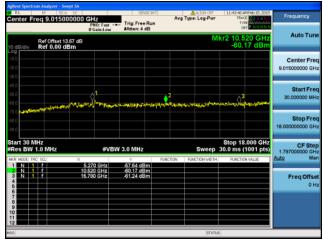


Conducted Spurs Peak, 5270 MHz, Non HT40 Duplicate, 6 to 54 Mbps



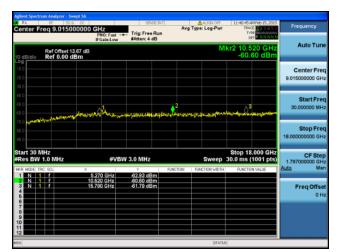


Antenna C



cisco





Antenna D

Page No: 341 of 636

Avg Type: Log-Pa ncv 0 GHz Trig: Free Run Auto Tun Ref Offset 13.57 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) 30 MHz BW 1.0 MH CFS #VBW 3.0 MHz 1.79700 5.270 GHz 10.520 GHz 15.790 GHz -55.44 dBn -60.01 dBn -61.69 dBn Freq Offs 01

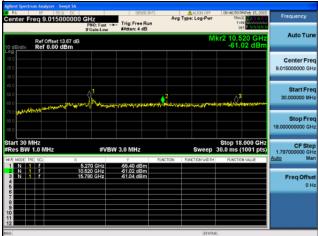
Conducted Spurs Peak, 5270 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss

Antenna A

Page No: 342 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss





Antenna A

Antenna B

Page No: 343 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss





Antenna A

| enter Free | RF 50 0 DC 9.01500000 | 0 GHz PNO: Fast IFGain:Low | Trig: Free Ru | Avg | ALIGN OFF Type: Log-Pwr | 10:01:54 PMFeb 15, 2015 TRACE 2 3 4 5 6 TYPE WARNAW | Frequency |
|---|-------------------------------------|---------------------------------------|--|--------------|----------------------------|---|-------------------------------------|
| 0 dB/div | tef Offset 13.67 dE tef 0.00 dBm | | Millen: 4 db | | М | kr3 15.780 GHz -62.13 dBm | Auto Tun |
| 20.0 30.0 | | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | angebared.g ^{org} ab | 1 Marine la | بابا محادثك فالمحاص والمحارج | atta Baserat | handshapetaraset | y ny ng pang ang san tan kan dap | Start Fre 30.000000 MH |
| 70.0 80.0 90.0 | | | | | | | Stop Fre 18.00000000 GF |
| Res BW 1. |) MHz | #VB | W 3.0 MHz | FUNCTION | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.797000000 GF Auto Ma |
| 1 N 1 2 N 1 3 N 1 4 5 6 5 7 7 8 | f | 5.270 GHz 10.520 GHz 15.790 GHz | -57.24 dBm -63.42 dBm -62.13 dBm | | | | Freq Offs |

Antenna C

Antenna B

Page No: 344 of 636

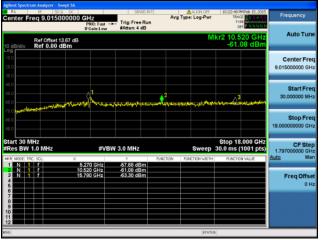


Conducted Spurs Peak, 5270 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss



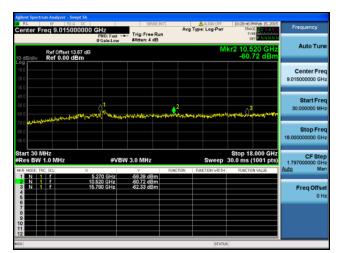
| RL Center Fr | ⊮ so s req 9.0150 | DC DOODO GHz PNO: Fa IFGain:L | | Avg T | ALIGN OFF | TRA | MFeb 15, 2015 DE 2 3 4 5 6 PE 44 | Frequency |
|--|--------------------------------|--|--|---------------------|-------------------------|------------------|--|--|
| 0 dB/div | Ref Offset 13 Ref 0.00 d | 3.67 dB | | | М | kr2 10.5 -59. | 20 GHz 60 dBm | Auto Tur |
| 20.0 | | | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | يانله المراج ا لمستقريط | mark | her gange ficture and the state of the state | 2 Pratosocientin | and and a second second | | | Start Fre 30.000000 MH |
| 70.0 | Photos and a second | | | | | | | |
| 90.0 | | | | | | | | |
| 80.0 | 1Hz 1.0 MHz | | VBW 3.0 MHz | FUNCTION | Sweep Function width | 30.0 ms (| .000 GHz 1001 pts) N VALUE | 18.00000000 GF CF Ste 1.797000000 GF |
| Start 30 M Res BW | NHZ 1.0 MHZ F | | 7 -57.56 dBm 59.60 dBm | FUNCTION | | 30.0 ms (| 1001 pts) | Stop Fre 18.00000000 GH CF Ste 1.79700000 GH Auto Mi Freq Offs 0 H |
| 800 Start 30 M Res BW Res BW R MODE TR 1 N 1 2 N 1 3 N 1 5 | NHZ 1.0 MHZ F | # × 5.270 GH 10.520 GH | 7 -57.56 dBm 59.60 dBm | FUNCTION | | 30.0 ms (| 1001 pts) | 18.00000000 Gi CF Ste 1.79700000 Gi <u>Auto</u> M Freq Offs |

Antenna C



uluulu cisco



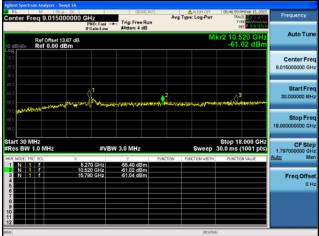


Antenna D

Page No: 345 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss



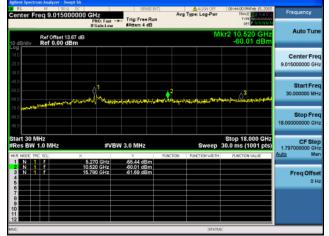


Antenna A

Antenna B

Page No: 346 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss



| RL RF 50 Q DC | | SENSE:INT | | ALIGN OFF | 09:46:59 PMFeb 15, 2015 | Frequency |
|---|---------------------------------------|--|-----------|---|---------------------------------------|-------------------------------|
| enter Freq 9.01500000 | PNO: Fast ++ IFGain:Low | Trig: Free Run #Atten: 4 dB | Avg | Type: Log-Pwr | TRACE 23456 TYPE DET PNNNNN | Frequency |
| Ref Offset 13.57 dB | | | | М | kr2 10.520 GHz -61.02 dBm | Auto Tune |
| 200 200 | | | | | | Center Fred 9.015000000 GH |
| 0 | 1 m. h. winapute | ~~~~~~ | att alars | han dun ya ya ya ang kang kang kang kang kang kang kang | | Start Free 30.000000 MH; |
| | | | | | | Stop Fred 18.000000000 GH: |
| tart 30 MHz Res BW 1.0 MHz | #VBW | 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Step 1.797000000 GH |
| 2 N 1 7 1 3 N 1 7 1 4 | 5.270 GHz 10.520 GHz 15.790 GHz | -55.40 dBm -61.02 dBm -61.04 dBm | FUNCTION | FUNCTION WIDTH | PUNCTION VALUE | Auto Mar Freq Offse 0 H |
| 6 7 8 9 0 1 2 | | | | | | |
| 6 | | | | STATUS | 3 | |

Antenna A

| Coffset 13.67 dB 0.00 dBm | 1 1 | n, newských state od | 0 ² | M | kr3 15.780 GHz -61.60 dBm | |
|---|------------|--|---|--|--|---|
| and the state of the | 1 | | , | -and a start of the start of th | | 9.015000000 GH Start Fre 30.000000 MH |
| an a light of the line of the line of the | Al Annales | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | roman configure | -interpretation of the second s | | 30.000000 MH |
| | | | | | | Stop Fre |
| | | | | | | 18.00000000 GH |
| WHz | #VB\ | N 3.0 MHz | | | Stop 18.000 GHz 30.0 ms (1001 pts) | |
| 5. 10. | 520 GHz | -61.86 dBn | n | FUNCTION WIDTH | FONCTION WALDE | Freq Offs 0 H |
| | | | | | | |
| | 5. 10. | × 5 270 GHz 10 520 GHz 15 760 GHz | 5.270 GHz -53.97 dBn 10.520 GHz -61.86 dBn | 5.270 GHz -53.97 dBm 10.520 GHz -61.86 dBm | 6.270 GHz 6.397 dBm 10.520 GHz 6.18 & dBm 15.780 GHz 6.180 dBm | 5.270 GHz -53.97 dBm 10.520 GHz -61.86 dBm |

Antenna C

Antenna B

Page No: 347 of 636



Conducted Spurs Peak, 5270 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss



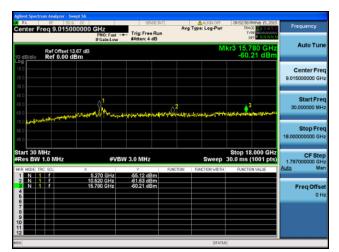


| Center Freq 9.015 | PNO: Fast | Trig: Free Run #Atten: 4 dB | Avg | ALIGN OFF | TRAC | MFeb 15, 2015 | Frequency |
|--|--|--|-------------------|--|------------------|------------------|------------------------------|
| 10 dB/div Ref 0.00 | IFGain:Low t 13.67 dB) dBm | #Atten: 4 dB | | М | kr3 15.7 -61. | 80 GHz 60 dBm | Auto Tur |
| -10.0 -20.0 -30.0 | | | | | | | Center Fre 9.015000000 Gi |
| | - the state and the state of th | | arriver where the | alandar an | | N_Laperente | Start Fre 30.000000 Mi |
| 70.0 | | | | | | | Stop Fre 18.000000000 G |
| Start 30 MHz #Res BW 1.0 MHz | #VB | W 3.0 MHz | | | 30.0 ms (| | CF St 1.797000000 G |
| | × | Y | FUNCTION | FUNCTION WIDTH | FUNCTIO | N VALUE | Auto M |
| MKR MODE TRC SCL 1 N 1 F 2 N 1 F 3 N 1 F 4 | 5,270 GHz 10,520 GHz 16,780 GHz | -53.97 dBm -61.86 dBm -61.60 dBm | | | | | Freq Offs 0 |
| 1 N 1 f 2 N 1 f 3 N 1 f | 10.520 GHz | -61,86 dBm | | | | | |

Antenna C



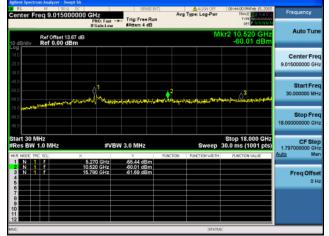




Antenna D

Page No: 348 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40, M16 to M23, M0 to M9 3ss





Antenna A

| Center Freq 9.0150000 | 00 GHz PNO: Fast | SENSE II | Avg | ALIGN OFF | 09:49:58 PMFeb 15, 2015 TRACE 2 3 4 5 6 TYPE VANNE PET P N NN N | Frequency |
|--|--|--|--|---|--|------------------------------|
| Ref Offset 13.57 10 dB/div Ref 0.00 dBm | IFGain:Low | Witten: 4 db | | М | kr3 15.780 GHz -61.60 dBm | Auto Tune |
| -20.0 | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 70.0 | 1 Control Contraction | | 2 11-11-11-11-11-11-11-11-11-11-11-11-11- | 147,00495444,00 ⁰⁰ 14 ² | - 18 sala 4 publicare en es | Start Free 30,000000 MH |
| 80.0 | | | | | | Stop Fre 18.000000000 GH |
| Start 30 MHz #Res BW 1.0 MHz | #VB | W 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.797000000 GH |
| HKR MODE TRC: SOL 1 N 1 7 2 N 1 7 3 N 1 7 6 6 6 7 | × 5.270 GHz 10.520 GHz 15.790 GHz | -53.97 dBm -61.86 dBm -61.80 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Ma Freq Offse 0 H |
| 8 9 10 11 12 | | | | | | |

Antenna C

Antenna B

Page No: 349 of 636



Conducted Spurs Peak, 5270 MHz, HT/VHT40, M16 to M23, M0 to M9 3ss



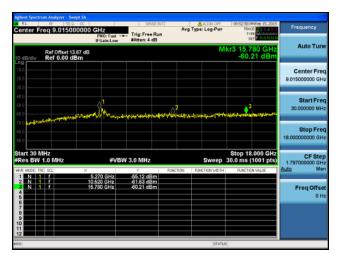


| | eq 9.0150000 | | SENSEIN | Avs | ALIGN OFF Type: Log-Pur | 09:49:58 PMFet TRACE | |
|---|----------------------------------|--|---|--------------------------|----------------------------|----------------------------|----------------------|
| 10 dB/div | Ref Offset 13.57 Ref 0.00 dBm | | #Atten: 4 dB | | М | kr3 15.780 -61.60 | GHz Auto dBm |
| -10.0 -20.0 -30.0 | | | | | | | Center 9.01500000 |
| 40.0 -50.0 -60.0 | | 1 North Marine | | arter and a strength and | tergranderskal weterster | - rational adapted | Start 30,00000 |
| -70.0 | | | | | | | Stop 18.00000000 |
| Start 30 M #Res BW 1 | | #VB | W 3.0 MHz | | Sweep | Stop 18.00 30.0 ms (100 | 1 pts) 1.79700000 |
| MKR MODE TRO 1 N 1 2 N 1 3 N 1 4 5 | 1 1 | × 5.270 GHz 10.520 GHz 16.780 GHz | Y -63.97 dBm -61.86 dBm -61.60 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VA | E Freq C |
| 6 7 8 9 | | | | | | | |
| 11 | | | | | | | |

Antenna C







Antenna D

Page No: 350 of 636

Conducted Spurs Peak, 5270 MHz, VHT40, M0 to M9 4ss





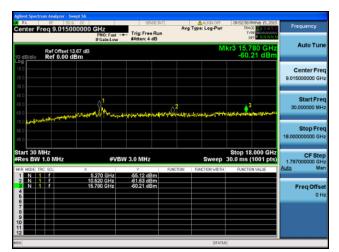
| RL RF 50 R Center Freq 9.01500 | | SBNSEIN | Avs | ALIGN OFF Type: Log-Pur | 09:49:59 PMFeb 15, 201 TRACE | Frequency |
|---|--|---|------------------|----------------------------|-------------------------------------|------------------------------|
| Ref Offset 13. 10 dB/div Ref 0.00 dB | IFGain:Low | #Atten: 4 dB | | М | kr3 15.780 GH: -61.60 dBn | |
| -og 10.0 20.0 30.0 | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | 1 manshalf | | an configuration | tergraphysigi wetaning | and the second second | Start Fre 30,000000 MH |
| 70.0 44,500 44,000 200 200 | | | | | | Stop Fre 18.000000000 Gi |
| Start 30 MHz #Res BW 1.0 MHz | #VB | W 3.0 MHz | | | Stop 18.000 GH 30.0 ms (1001 pts | 1.797000000 G |
| HKR MODE TRC SCL 1 N 1 F 2 N 1 F 3 N 1 F 4 5 | × 5.270 GHz 10.520 GHz 15.780 GHz | Y -53.97 dBm -61.86 dBm -61.60 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Ma Freq Offs 0 F |
| 6 7 8 9 10 | | | | | | |
| | | | | | | |

Antenna C



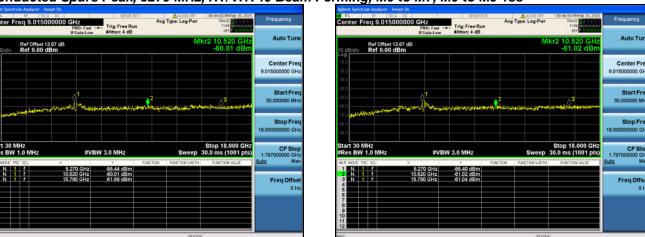
cisco





Antenna D

Page No: 351 of 636



Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss

Antenna A

Antenna B

cisco

Page No: 352 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss





Antenna A

| enter Freq 9.01500 | 00000 GHz PNO: Fast | SENSE IN | Avg | ALIGN OFF | 10:25:47 PMFeb 15, 2015 TRACE 2 3 4 5 6 TYPE | Frequency |
|-------------------------------------|---------------------------------------|---|----------|-------------------------|--|-------------------------------------|
| Ref Offset 13 dB/div Ref 0.00 dl | IFGain:Low | #Atten: 4 dB | | М | kr2 10.520 GHz -59.60 dBm | Auto Tun |
| | | | | | | Center Fre 9.015000000 GH |
| | and the second | and the state of the | 2 | Lington and Andria | the president of the second states of the second states and the second states of the second s | Start Fre 30.000000 MH |
| 0.0 | | | | | | Stop Fre 18.00000000 Gi |
| Res BW 1.0 MHz | #VI | SW 3.0 MHz | FUNCTION | Sweep FUNCTION WIDTH | Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE | CF Ste 1.797000000 GF Auto Ma |
| 1 N 1 F 2 N 1 F 3 N 1 F 4 | 5.270 GHz 10.520 GHz 16.790 GHz | -57.56 dBm -59.60 dBm -60.30 dBm | | | | Freq Offs 01 |
| | | | | | | |
| | | | | STATUS | | |

Antenna C

Antenna B

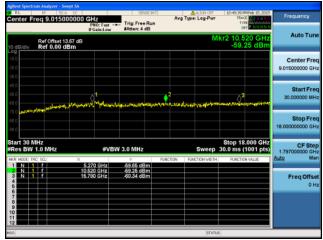
Page No: 353 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss









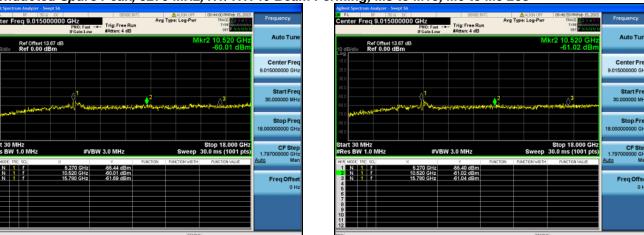
Antenna C





Antenna D

Page No: 354 of 636



Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss

Antenna A

Antenna B

cisco

Page No: 355 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss





Antenna A

| | 000 GHz PNO: Fast IFGain:Low | Trig: Free Ru #Atten: 4 dB | | Type: Log-Pwr | TYPE WINNIN | Frequency |
|---------------------------------|---|--|--------------------|------------------------|---------------------------------------|---|
| Ref Offset 13.5 Ref 0.00 dBr | 7 dB n | | | M | (r3 15.780 GHz -61.60 dBm | |
| | | | | | | Center Fre 9.015000000 GH |
| | 1 How Manual | | mar for the second | 649.4449.4449.4449.444 | -varianter and a second | Start Fre 30.000000 MH |
| | | | | | | Stop Fre 18.000000000 GH |
| | #VB | W 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | 1.797000000 GH |
| 1 | × 5.270 GHz 10.520 GHz 16.790 GHz | Y -53.97 dBm -61.86 dBm -61.60 dBm | FUNCTION | FUNCTION WIDTH | PUNCTION VALUE | Auto Ma Freq Offse 0 H |
| | | | | | | |
| | Ref 0.00 dBr بروارسی ایک بروارسی ایک بروار ایک بروار ایک ایک ایک ایک ایک ایک ایک ایک ایک ایک | Hz Hz SCL X F 5,270 GHz F 10,520 GHz | Ref 0.00 dBm | Ref 0.00 dBm | HZ OLD GEM HZ | Ref 0.00 dBm -51.60 dBm -01.60 dBm -51.60 dBm -0.61 dBm -51.60 dBm -0.61 dBm -51.60 dBm |

Antenna C

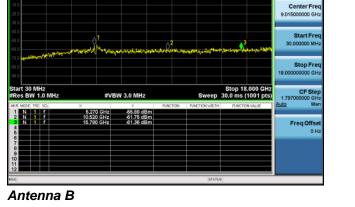
Antenna B

Page No: 356 of 636

Auto Tur

Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss





Avg Type: Log-Pr

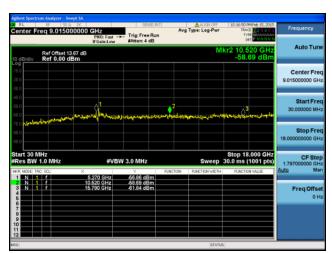
GHz

Ref Offset 13.67 dB Ref 0.00 dBm Trig: Free Run



| Center Freq 9.015000 | | SENSE:INT | Avg Type | ALIGN OFF | 10:13:50 PM TRACE TYPE DET | 23456 | Frequency |
|---|---|---|--------------|----------------|-------------------------------------|-----------------|---|
| Ref Offset 13.5 10 dB/div Ref 0.00 dBr | 7 dB | | | MI | (r3 15.78 -60.1 | 80 GHz 5 dBm | Auto Tun |
| -10.0 -20.0 -30.0 | | | | | | | Center Fre 9.015000000 GH |
| 40.0 | 1 elactron of Coperifician | والدموس وتواجعه والمراد ومواحد | | n from the set | A247517-144 | (uushdari | Start Fre 30.000000 MH |
| | | | | | | | |
| 70.0 | | | | | | | |
| eoo eoo Start 30 MHz #Res BW 1.0 MHz | | ¥ 3.0 MHz | | | Stop 18.0 30.0 ms (1 | 001 pts) | Stop Fre 18.00000000 GF CF Ste 1.797000000 GF Auto Mi |
| 80.0 90.0 Start 30 MHz | #VB\ 5.270 GHz 10.520 GHz 16.780 GHz | V 3.0 MHz 57.20 dBm 61.05 dBm -80.15 dBm | FUNCTION FUN | Sweep : | | 001 pts) | 18.000000000 G |

Antenna C



Antenna D

Page No: 357 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss





Antenna A

| enter Fred | q 9.015000000 |) GHz PNO: Fast ~ IFGain:Low | Trig: Free Ro | Avs | ALIGN OFF | 09:49:58 PMFeb 15, 2015 TRACE 2 3 4 5 6 TYPE DET P 111200 | Frequency |
|---------------------------|-------------------------------------|---------------------------------------|--|-------------|--------------------------------|--|------------------------------------|
| dB/div | tef Offset 13.67 dB Ref 0.00 dBm | | Witten: 4 db | | М | kr3 15.780 GHz -61.60 dBm | Auto Tun |
| | | | | | | | Center Fre 9.015000000 GH |
| 0.0 | | 1 | | warring www | 11471494414014 ⁴ 14 | and the state of t | Start Fre 30.000000 MH |
| 0.0 0.0 0.0 | | | | | | | Stop Fr 18.000000000 G |
| tart 30 MH: Res BW 1.0 | 0 MHz | #VB | W 3.0 MHz | FUNCTION | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Sto 1.797000000 GI Auto M |
| | f | 5,270 GHz 10,520 GHz 16,780 GHz | -53.97 dBm -61.86 dBm -61.60 dBm | | PONCTION WIDTH | PORCTION VALUE | Freq Offs 01 |
| 7 8 9 0 | | | | | | | |
| 2 | | | | | STATU | | |

Antenna C

Antenna B

Page No: 358 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss



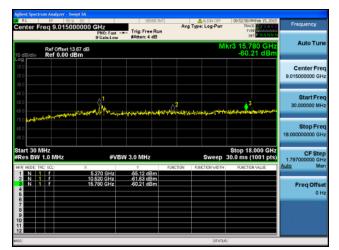


Antenna A

| Center Fre | eq 9.01500000 | | Trig: Free Run #Atten: 4 dB | Avg | ALISN OFF Type: Log-Pwr | 09:49:58 PMFeb 15, 2015 TRACE 2 3 4 5 6 THPE WARNING | Frequency |
|---|------------------------------------|-------------------|---------------------------------------|--|---|--|--|
| 0 dB/div | Ref Offset 13.67 c Ref 0.00 dBm | IB | | | М | kr3 15.780 GHz -61.60 dBm | Auto Tur |
| 20.0 30.0 | | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | | 1 | | . 0 ² | | 3 | Start Fre 30.000000 Mi |
| | 1 amoldon the Care | inthe manufacture | in the set of the set of the set | Participation () and a fill | enter and the second | with the standard states and | |
| | يەر _ك ىلىرىيە يېرىرى | lodh (N) | ~****\$\\$`\$`***\$\\$ ^{\$} | and the second | n (an a share | | |
| 800 800 Start 30 MH Res BW 1. | lz .0 MHz | | W 3.0 MHz | | | Stop 18.000 GHz 30.0 ms (1001 pts) | 18.00000000 GI CF Sta 1.797000000 G |
| 80 0 90 0 Start 30 MH Res BW 1. | lz .0 MHz | #VB\ | A 3.0 MHz | FUNCTION | | Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE | Stop Fre 18.00000000 GF 18.00000000 GF CF Ste 1.797000000 GF Auto Mit |
| 800 800 Start 30 MH #Res BW 1. 1 N 1 2 N 1 3 N 1 5 | tz .0 MHz sci : | #VB\ | W 3.0 MHz | | Sweep | 30.0 ms (1001 pts) | 18.00000000 GF CF Ste 1.797000000 GF |
| tart 30 MH Res BW 1. KR MODE TRC 1 N 1 2 N 1 3 N 1 4 | tz .0 MHz sci : | #VB) | N 3.0 MHz | | Sweep | 30.0 ms (1001 pts) | 18.00000000 G CF Str 1.797000000 G <u>Auto</u> M Freq Offs |

Antenna C





Antenna D

Page No: 359 of 636



Conducted Spurs Peak, 5270 MHz, VHT40 Beam Forming, M0 to M9 4ss



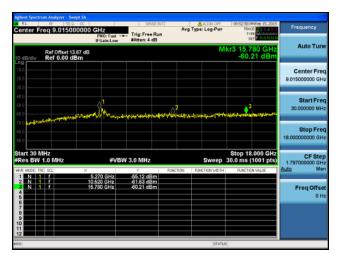
| Center Freq 9.015 | 5000000 GHz PNO: Fast IFGain:Low | Trig: Free Run | | ALIGN OFF | TRAC | MFeb 15, 2015 E 2 3 4 5 6 E WALL | Frequency |
|---|---|---|------------------|-------------------------|-------------------|--|--|
| Ref Offset | t 13.67 dB | WALLEN. 4 GD | | М | kr3 15.7 -61.0 | 80 GHz 60 dBm | Auto Tur |
| -10.0 -20.0 -30.0 | | | | | | | Center Fre 9.015000000 GH |
| | 1 And the second of the second | enter al anti-more al anti- | anoral should be | nuvski votnovt | | ر. مەربورونان | Start Fre 30.000000 MH |
| 70.0 +++++++++++++++++++++++++++++++++++ | | | | | | | Stop Fre 18.000000000 Gi |
| | | | | | Stop 19 | .000 GHz | |
| #Res BW 1.0 MHz | | W 3.0 MHz | DIMOTION | | 30.0 ms (| 1001 pts) | CF Ste 1.79700000 GF Auto Mi |
| Start 30 MHz #Res BW 1.0 MHz HKR HODE TRC SCI 1 N 1 6 2 N 1 7 4 5 | #VB × 5.270 GHz 10.520 GHz 15.780 GHz | V 3.0 MHz -53.97 dBm -61.86 dBm -61.60 dBm | FUNCTION | Sweep FUNCTION WIDTH | 30.0 ms (| 1001 pts) | |
| PRes BW 1.0 MHz MKR MODE TRC SOL 1 N 1 f 2 N 1 f 3 N 1 f 4 4 f f | × 5.270 GHz 10.520 GHz | -53.97 dBm -61.86 dBm | FUNCTION | | 30.0 ms (| 1001 pts) | 1.797000000 GI <u>Auto</u> M Freq Offs |

Antenna C



uluulu cisco

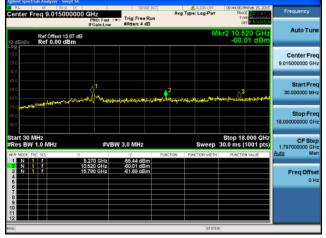


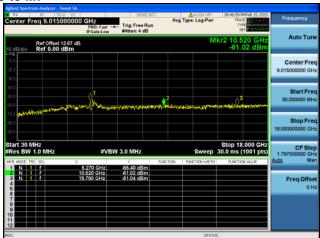


Antenna D

Page No: 360 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 STBC, M0 to M7





Antenna A

Antenna B

Page No: 361 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 STBC, Mo to M7



| RL | | DR DC | | SBNSE | | ALIGN OFF | 09:46:59 PMFeb 15, 2015 | Frequency |
|---|-------------------------------|----------------------------|--------------------------------------|-------------------------------|-----------|---|--|--|
| enter Fi | req 9.015 | | PNO: Fast ~ | Trig: Free R | un | Avg Type: Log-Per | TRACE 2345 | |
| 0 dB/div | Ref Offset Ref 0.00 | 13.67 dB | IFGain:Low | souten. 4 de | | Μ | lkr2 10.520 GHz -61.02 dBm | |
| 0.0 0.0 0.0 | | | | | | | | Center Fre 9.015000000 GH |
| 0.0 0.0 0.0 | hersterner | ang ¹⁹⁴⁰ 443941 | 1 Andrease | | anoinatut | مىر يەرىمەر يىلىمەر يەرىمەر يەرىمە | eynadd ar an | Start Free 30.000000 MH |
| 0.0 000000 | de tra | | | | | | | |
| 0.0 | | | | | | | | |
| tart 30 M Res BW | VHz 1.0 MHz | | #VB | W 3.0 MHz | | | Stop 18.000 GHz 30.0 ms (1001 pts) | 1.797000000 GH |
| 0.0 tart 30 M Res BW KR MODE TP 1 N 1 2 N 1 3 N 1 4 5 | MHZ 1.0 MHZ RC SCL | × 5.7 | #VB 270 GHz 520 GHz 780 GHz | W 3.0 MHz | | | 30.0 ms (1001 pts) | 18.00000000 GH CF Ste 1.797000000 GH <u>Auto</u> Ma Freq Offse |
| Content 30 M Res BW Res BW R MODE TF 1 N 1 3 N 1 | MHz 1.0 MHz RC SCL F | × 5.7 | 270 GHz 520 GHz | √ -55.40 dBm -61.02 dBm | | | 30.0 ms (1001 pts) | 18.00000000 GH CF Ster 1.797000000 GH |

Antenna A

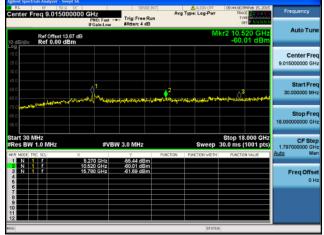
| Ref Offset 137 dB MKR3 15,780 GHz Leg -51.60 dBm Leg -51.60 dBm Cent </th <th>RL enter Fi</th> <th>⊮ 50 € req 9.0150</th> <th>P</th> <th>Z NO: Fast = Gain:Low</th> <th>Trig: Free R #Atten: 4 dB</th> <th>A</th> <th>ALIGN OFF vg Type: Log-Pwr</th> <th>09:49:58 PMFeb 15, 2015 TRACE 2:54 5 TYPE DET P NINNIN</th> <th>Frequency</th> | RL enter Fi | ⊮ 50 € req 9.0150 | P | Z NO: Fast = Gain:Low | Trig: Free R #Atten: 4 dB | A | ALIGN OFF vg Type: Log-Pwr | 09:49:58 PMFeb 15, 2015 TRACE 2:54 5 TYPE DET P NINNIN | Frequency |
|---|--------------------------------|-----------------------------|---------------|-----------------------------|--|----------------|-----------------------------------|---|----------------------------|
| 110 1 2 1 5 1 3 | 0 dB/div | Ref Offset 13 Ref 0.00 d | 3.67 dB Bm | | | | М | | Auto Tu |
| 20 1 3 30.000 100 1 1 1 30.000 30.000 100 1 1 1 1 1 30.000 100 1 1 1 1 1 1 1 30.000 30.000 100 1 | 20.0 | | | | | | | | Center Fr 9.015000000 G |
| Stop <th< td=""><td>50.0</td><td>and the second second</td><td>ernenaña</td><td>1 Marana</td><td>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</td><td>AMARCHING PUNC</td><td>anter estate and the state of the</td><td>- reference</td><td>Start Fr 30,000000 N</td></th<> | 50.0 | and the second second | ernenaña | 1 Marana | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | AMARCHING PUNC | anter estate and the state of the | - reference | Start Fr 30,000000 N |
| Res BW 1.0 MHz #VBW 3.0 MHz Sweep 30.0 ms (1001 pts) 1.7370000 1.7370000 1.7370000 1.7370000 1.7370000 1.7370000 1.7370000 1.73700000 1.73700000 1.737000000 1.73700000000 1.73700000000000000000000000000000000000 | 0.0 | | | | | | | | Stop Fr 18.000000000 G |
| 1 N 1 f 5270 GHz 53 97 tBm 2 N 1 f 10520 GHz 63 95 tBm 3 N 1 f 10520 GHz 63 B6 GBm 4 1 f 15,780 GHz 64 B6 GBm 6 7 | | | | #VB | W 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF St 1.797000000 G |
| N 1 f 15.780 GHz -61.60 dBm | 1 N 1 | 11 | 5.27 | | -53.97 dBm | | FUNCTION WIDTH | FUNCTION VALUE | Auto N |
| | 3 N 1 4 5 7 8 9 | | 16.79 | 0 GHz | -61.60 dBm | | | | Freq Off |

Antenna C

Antenna B

Page No: 362 of 636

Conducted Spurs Peak, 5270 MHz, HT/VHT40 STBC, M0 to M7



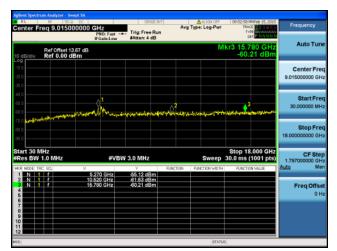


| Center Freq 9.01500 | | Trig: Free Run #Atten: 4 dB | | ALIGN OFF Type: Log-Pwr | 09:49:53 PMFeb 15, 2019 TRACE 2 3 4 5 TYPE DET P 14 11 14 | Frequency |
|--|--|--|----------|----------------------------|--|------------------------------|
| Ref Offset 13.0 | 67 dB | pricent 4 GD | | М | kr3 15.780 GHz -61.60 dBm | |
| 20.0 | | | | | | Center Fre 9.015000000 Gi |
| 40.0 50.0 60.0 | 1 Constant of Connection | | 2 | | - tarapanapanan | Start Fr 30,000000 M |
| 70.0 (1), 100 (1), 1 | | | | | | Stop Fr 18.000000000 G |
| Start 30 MHz Res BW 1.0 MHz | #VBV | V 3.0 MHz | | | Stop 18.000 GHz 30.0 ms (1001 pts | 1.797000000 G |
| MKR MODE TRC SOL 1 N 1 7 2 N 1 7 3 N 1 7 4 5 6 | × 5.270 GHz 10.520 GHz 15.790 GHz | -53.97 dBm -61.86 dBm -61.60 dBm | FUNCTION | PUNCTION WIDTH | FUNCTION VALUE | Auto M Freq Offs 0 |
| 7 8 9 10 | | | | | | |
| 12 | | | | | | |

Antenna C



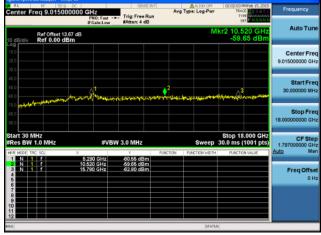
Antenna B



Antenna D

Page No: 363 of 636

Conducted Spurs Peak, 5290 MHz, Non HT80 Duplicate, 6 to 54 Mbps



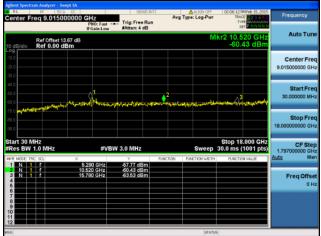
Antenna A

Page No: 364 of 636



Conducted Spurs Peak, 5290 MHz, Non HT80 Duplicate, 6 to 54 Mbps





Antenna A

Antenna B

Page No: 365 of 636

Conducted Spurs Peak, 5290 MHz, Non HT80 Duplicate, 6 to 54 Mbps



| RL RF 50.0 D | | SENSE:INT | | ALIGN OFF | 02:39:49 PMFeb 15, 2015 TRACE | Frequency |
|---|--|---|---------------|------------------|---|--------------------------------|
| enter Freq 9.015000 | PNO: Fast -4 IFGain:Low | Trig: Free Run #Atten: 4 dB | 101 | Type: Log-Par | TRACE 23456 TYPE DET PINNNN | |
| Ref Offset 13.57 0 dB/div Ref 0.00 dBm | | | | M | kr2 10.520 GHz -60.30 dBm | Auto Tune |
| 20.0 | | | | | | Center Freq 9.015000000 GHz |
| 10 0 50 0 60 0 70 0 | yauth the Winston | مريد مريد مريد مريد مريد مريد مريد مريد | 2 immestad | anter and a star | A and a constraint of the second s | Start Freq 30.000000 MHz |
| 80 0 | | | | | | Stop Free 18.00000000 GHz |
| itart 30 MHz Res BW 1.0 MHz | #VBV | V 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Step 1.797000000 GHz |
| KR MODE TRC SCL 1 N 1 F 2 N 1 F 3 N 1 F 4 | × 5.290 GHz 10.520 GHz 16.790 GHz | Y -59.48 dBm -60.30 dBm -63.80 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Mar Freq Offset |
| 6 7 8 9 0 1 2 | | | | | | |
| 2 | | | | | | |

Antenna A

| RL RF 50.2 DC enter Freq 9.015000000 | PNO: Fast | SENSE:INT | Avg | ALIGN OFF | 02:44:11 PMFeb 15, 2015 TRACE 2 3 4 5 5 TYPE | Frequency |
|---|-----------------------|--------------------------|-----------------|---------------------|--|------------------------------|
| Ref Offset 13.67 dB | IFGain:Low | #Atten: 4 dB | | M | (r3 15.780 GHz -60.37 dBm | Auto Tun |
| 10 | | | | | | Center Fre 9.015000000 GH |
| 10 10 10 10 | and the second second | | 2 Antophonye | and the all for the | 3 | Start Fre 30.000000 MH |
| | | | | | | Stop Fre 18.000000000 Gi |
| art 30 MHz Res BW 1.0 MHz | #VBW | 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | 1.797000000 GH |
| | 5.290 GHz | Y -60.79 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Ma |
| 2 N 1 F 10 8 N 1 F 16 | 520 GHz 790 GHz | -62.04 dBm -60.37 dBm | | | | Freq Offs 0 F |
| | | | | | | |
| | | | | | | |

Antenna C

Antenna B

Page No: 366 of 636

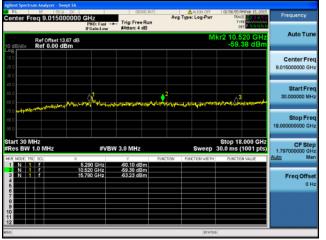


Conducted Spurs Peak, 5290 MHz, Non HT80 Duplicate, 6 to 54 Mbps



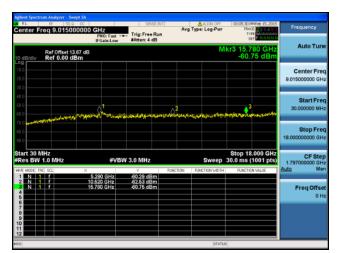
| ISanter 13.67 dB dBm | | an 2 anna | | | 80 GHz 16 dBm | Auto Tur Center Fro 9.015000000 Gi Start Fro 30.000000 Mi |
|---------------------------------------|---|--------------|----------------------------------|------------------------|------------------|---|
| and Auronau and Auronau | in the second | an safarina | de tijne je onjoget flegens | Arrel March and | | 9.015000000 GI Start Fre 30.000000 Mi |
| un Araman Array | in birdin finness offen spiketer | ana denariam | ikilostandozati ^k ani | internal a | A | 30.000000 M |
| | | | | | | Stop Fre |
| | | | | | | 18.00000000 G |
| #V × | /BW 3.0 MHz | FUNCTION | Sweep FUNCTION WIDTH | Stop 18. 30.0 ms (1 | | CF Ste 1.797000000 GI Auto M |
| 5.290 GHz 10.520 GHz 16.790 GHz | -59.26 dBm -63.82 dBm -63.16 dBm | | | | | Freq Offs 01 |
| | | | | | | |
| | | | | | | |

Antenna C



uluulu cisco



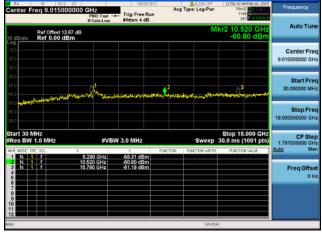


Antenna D

Page No: 367 of 636



Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 1ss

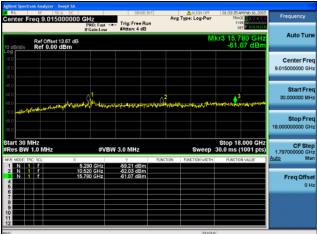


Antenna A

Page No: 368 of 636

Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 1ss





cisco

Antenna A

Antenna B

Page No: 369 of 636

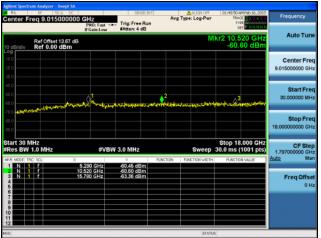
Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 1ss





| RL BF 50 R DC Senter Freq 9.01500000 | PNO: Fast Trig: Free Run | Avg Type: Log-Pwr | 01:53:55 AMFeb 16, 2015 TRACE | Frequency |
|---|--|--|---|-------------------------------------|
| Ref Offset 13.67 dt 0 dB/div Ref 0.00 dBm | IFGain:Low #Atten: 4 dB | М | kr3 15.780 GHz -60.40 dBm | Auto Tun |
| 000 2000 3000 | | | | Center Fre 9.015000000 GH |
| 80.0 80.0 80.0 | and major and and | 22 and a second and a second and a second a se | 3 Marstan-Istanlants*844 | Start Fre 30.000000 MH |
| 000 | | | | Stop Fre 18.000000000 GF |
| tart 30 MHz Res BW 1.0 MHz KRI MODEI TRO SOLI X | #VBW 3.0 MHz | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE | CF Ste 1.797000000 GH Auto Ma |
| 3 N 1 F 4 5 | 5.290 GHz -59.70 dBm 10.520 GHz -61.20 dBm 15.790 GHz -60.40 dBm | | | Freq Offse 0 H |
| 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | | | | |
| 1 | | | | |

Antenna C



Antenna B

Page No: 370 of 636



Avg Type: Log-Pr GHz Trig: Free Run Auto Tun Ref Offset 13.57 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) CF Ste t 30 MHz sBW 1.0 MH #VBW 3.0 MHz 1.7970 5.290 GHz 10.520 GHz 15.790 GHz -60.24 dB -60.83 dB -62.53 dB Freq Offs 01

Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 1ss



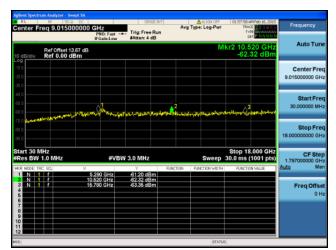
| Center Fr | req 9.015000 | | Trig: Free Run | Avg | ALIGN OFF | TRACI | Feb 16, 2015 | Frequency |
|---|---------------------------------|-------------------------------------|---|-----------------------|-------------------------|------------------------------------|------------------|--|
| 0 dB/div | Ref Offset 13.5 Ref 0.00 dBr | 7 dB | | | M | kr3 15.7 -60.4 | 80 GHz 40 dBm | Auto Tun |
| - 5 g 10.0 20.0 30.0 | | | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | الإيدار معادرتهم والمحالية | marriel Mary | ورزيا ومناري ورارقو | han yang bagina | ب. بەلەيدىي | way share way a | alanteritati | Start Fre 30.000000 Mi |
| 70.0 | | | | | | | | |
| 80.0 | | | | | | | | Stop Fre 18.00000000 Gi |
| Start 30 M | 1Hz 1.0 MHz | #VE | W 3.0 MHz | 5UM ^C TION | | Stop 18. 30.0 ms (1 | 1001 pts) | 18.00000000 G CF Sta 1.797000000 G |
| 80.0 Start 30 M Res BW 4/R MODE TR 1 N 1 2 N 1 3 N 1 5 | IHZ 1.0 MHz C SOL f | | ₩ 3.0 MHz -59.70 dBm -61.20 dBm -60.40 dBm | FUNCTION | Sweep Punction width | Stop 18. 30.0 ms (1 FUNCTION | 1001 pts) | 18.00000000 G CF Sta 1.797000000 G |
| tart 30 M Res BW 1 N 1 2 N 1 3 N 1 4 | IHZ 1.0 MHz C SOL f | #VE × 5.290 GHz 10.520 GHz | 7 -59.70 dBm -61.20 dBm | FUNCTION | | 30.0 ms (1 | 1001 pts) | 18.00000000 GI CF Ste 1.797000000 GI <u>Auto</u> M Freq Offs |

Antenna C



cisco





Antenna D

Page No: 371 of 636

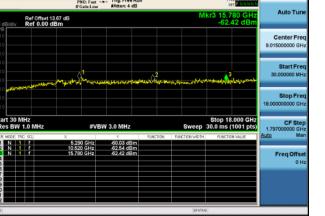
Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 2ss Avg Type: Log-Pa Avg Type: Log-Pw ency Trig: Free Run er Freq 9.0150 00 GHz ast ----- Trig: Free Run Auto Tun 62.42 Ref Offset 13.67 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) CF Ste 00000 GI M: tart 30 MHz Res BW 1.0 MH #VBW 3.0 MHz 1.79700 5.290 GHz 10.520 GHz 15.790 GHz -59.21 dBn -62.03 dBn -61.07 dBn -60.03 dB -62.54 dB -62.42 dB Freq Offs 01

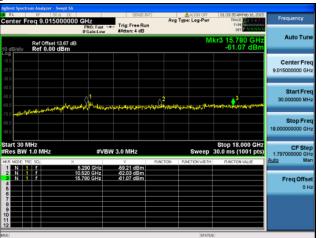
Antenna A

GHz

Antenna B

Page No: 372 of 636





Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 2ss





Avg Type: Log-P

սիսիս cisco

Antenna A

| RL enter Fi | | R DC 1000000 GHz PNO: Fa IFGain:L | | Avg | ALIGN OFF | 01:53:55 AM Feb 16, 2015 TRACE 2 3 4 5 6 TYPE 000000000000000000000000000000000000 | Frequency |
|--|---------------------------------|--|--------------|--------------------|------------------------------|--|-------------------------------------|
| 0 dB/div | Ref Offset 1 Ref 0.00 d | | | | M | kr3 15.780 GHz -60.40 dBm | Auto Tun |
| 09 10.0 20.0 30.0 | | | | | | | Center Fre 9.015000000 GF |
| 10 0 50 0 50 0 | t mart and a mart of the second | marrit | | when when a series | الإسلام والمراجة الموال المح | an star of star and star star and | Start Fre 30.000000 MH |
| 70.0 | | | | | | | Stop Fre 18.000000000 Gi |
| tart 30 N Res BW | 1.0 MHz | × | VBW 3.0 MHz | FUNCTION | Sweep FUNCTION WIDTH | Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE | CF Ste 1.797000000 GF Auto Ma |
| 1 N 1 2 N 1 3 N 1 4 5 6 7 8 9 | | 5.290 GH 10.520 GH 15.790 GH | e -61.20 dBm | | | | Freq Offs 01 |

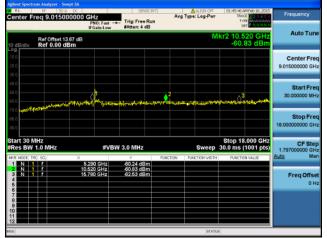
Antenna C

Antenna B

eq 9.015

00 GHz

Page No: 373 of 636



Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 2ss



| RL RF 50 9 Center Freq 9.0150 | 00000 GHz PNO: Fast = IFGain:Low | Trig: Free Run #Atten: 4 dB | Avg | ALIGN OFF Type: Log-Pwr | 01:53:55 AM Feb 16, 20 TRACE 2:34 TYPE DET P (11) | Frequency |
|--|--|---|----------|----------------------------|--|---|
| RefOffset 13 IO dB/div Ref 0.00 d | 3.67 dB | Prisen. 4 65 | | М | kr3 15.780 GH -60.40 dB | Auto Tur |
| 20.0 | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 70.0 | marriel | الإتراجة وحطرية برادقهم | 2 2 | بملحامين مهورين | an sime signala and the | Start Fre 30.000000 MH |
| 70.0 | | | | | | Stop Fre |
| 90.0 | | | | | | |
| Start 30 MHz #Res BW 1.0 MHz | #VB | W 3.0 MHz | FUNCTION | Sweep | Stop 18.000 GR 30.0 ms (1001 pt | |
| Start 30 MHz Res BW 1.0 MHz wer wode TRC; sol 2 N 1 f 3 N 1 f 4 | | W 3.0 MHz -59.70 dBm -61.20 dBm -60.40 dBm | FUNCTION | | 30.0 ms (1001 pt | 1z CF Ste s) 1.797000000 G |
| Start 30 MHz Res BW 1.0 MHz KR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f | × 5.290 GHz 10.520 GHz | 7 -59.70 dBm -61.20 dBm | FUNCTION | | 30.0 ms (1001 pt | 12 CF Str 5) 1.797000000 G <u>Auto</u> M Freq Offs |

Antenna C



cisco





Antenna D

Page No: 374 of 636

Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 3ss







Antenna C



cisco

Antenna B

Page No: 375 of 636



Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 3ss



| RL BF 50 Center Freq 9.0150 | | Trig: Free Run | Avg Type: Log-Pwr | 01:53:55 AM Feb 16, 2015 TRACE 2 3 4 5 6 TYPE | Frequency |
|---|---------|-------------------------------|---------------------------------|--|---|
| Ref Offset 1 0 dB/div Ref 0.00 c | 3.67 dB | Million, 4 dib | N | lkr3 15.780 GHz -60.40 dBm | Auto Tun |
| 20.0 | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 70.0 | marthew | ماوالارد زيا وحدة روز برادراس | 2 martinere manipulation | and the state of t | Start Fre 30.000000 MH |
| | | | | | |
| 60.0 | | | | | |
| Start 30 MHz Res BW 1.0 MHz | | N 3.0 MHz | | Stop 18.000 GHz 30.0 ms (1001 pts) | Stop Fre 18.00000000 GF CF Ste 1.797000000 GF Auto Ma |
| 700 (Appled State 1 and | #VB\ | | Sweep UNCTION FURCTION W/DTH | 30.0 ms (1001 pts) | 18.00000000 GF CF Ste 1.797000000 GF |

Antenna C



cisco





Antenna D

Page No: 376 of 636



Conducted Spurs Peak, 5290 MHz, VHT80, M0 to M9 4ss



| RL FF 50 2 00 Center Freq 9.0150000 | | Avg Type: Lo | 3N OFF 01:53:55 AM Feb 16, 2 g-Pwr TRACE 23 4 TIPE DET P 4111 | Frequency |
|---|--|-------------------------|--|------------------------------|
| Ref Offset 13.67 (O dB/div Ref 0.00 dBm | | | Mkr3 15.780 GF -60.40 dB | |
| 20.0 | | | | Center Fre 9.015000000 GH |
| 40 0 50 0 60 0 70 0 | and the two and the same | esselen and and and and | anter and an alter and | Start Fre 30,000000 MH |
| 20.0 60.0 60.0 | | | | Stop Fre 18.000000000 GH |
| Start 30 MHz Res BW 1.0 MHz | #VBW 3.0 MHz | | Stop 18.000 Gi weep 30.0 ms (1001 pi | |
| MKRI MODEL TRCL SCL | × v 5.290 GHz -59.70 d | Bm | N WIDTH FUNCTION VALUE | |
| 1 N 1 7 2 N 1 7 3 N 1 7 4 5 | 10.520 GHz -61.20 d 16.790 GHz -60.40 d | | | Freq Offs 01 |
| 1 N 1 f 2 N 1 f 3 N 1 f 4 | | | | |

Antenna C



cisco





Antenna D

Page No: 377 of 636



Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 1ss



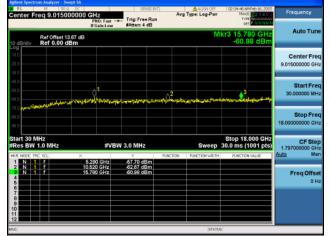


Antenna A

Antenna B

Page No: 378 of 636

Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 1ss



| enter Fr | | 50 R DC | GHz PNO: Fast - IFGain:Low | Trig: Free Ru #Atten: 4 dB | Av | ALIGN OFF Type: Log-Pur | 02:38:53.4M Feb 16, 2015 TRACE 2.3.4 5 TriPE DET P //////// | Frequency |
|-----------------------------|----------------------|----------------------|---|-------------------------------|----------------|----------------------------|--|--------------------------------|
| 0 dB/div | Ref Offse Ref 0.0 | et 13,67 dB 0 dBm | | | | М | kr3 15.780 GHz -61.44 dBm | |
| 0 g 10.0 20.0 30.0 | | | | | | | | Center Freq 9.015000000 GHz |
| 40.0 50.0 50.0 | a start | وبرسامهم بدالحد | and | ود مهمه برور مراد | contrar of the | Liphiteliteriter | Malina and a start of the start | Start Free 30.000000 MHz |
| 70.0 60.0 60.0 | | | | | | | | Stop Freq 18.00000000 GHz |
| tart 30 N Res BW | | | #VB | W 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | 1.797000000 GH: |
| KR MODE TR | C SCL | × | 290 GHz | √ -59.64 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Mar |
| 2 N 1 3 N 1 4 | 1 | 10 | 520 GHz 780 GHz | -62.58 dBm -61.44 dBm | | | | Freq Offse 0 Hi |
| 6 7 8 9 | | | | | | | | |
| | | | | | | | | |
| 1 | | | | | | | | |

Antenna A

| enter Freq 9.015000000 | GHz | SENSE:INT | Avg T | ALIGN OFF | 02:42:53 AM Feb 16, 2015 TRACE 2 3 4 5 6 Trife 4 | Frequency |
|--|--------------------|--------------------------|---------|---------------------|--|------------------------------|
| Ref Offset 13.67 dB 0 dB/div Ref 0.00 dBm | IFGain:Low | #Atten: 4 dB | | М | kr3 15.780 GHz -60.31 dBm | Auto Tun |
| 00 000 000 | | | | | | Center Fre 9.015000000 GH |
| 10 0 50 0 70 0 | The approved | nyarahaan pananatar | 2 2 | المدجلول ومانه جليه | 3 ahushquartaspatiquerenere | Start Fre 30.000000 MH |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | Stop Fre 18.000000000 Gi |
| itart 30 MHz Res BW 1.0 MHz | #VBV | 4 3.0 MHz | | | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.797000000 G |
| | 5.290 GHz | Y F | UNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Ma |
| | | | | | | |
| 1 N 1 f 5 2 N 1 f 10 3 N 1 f 16 4 5 | 520 GHz 790 GHz | -60.88 dBm -60.31 dBm | | | | Freq Offs 01 |
| 1 N 1 f 5 2 N 1 f 10 3 N 1 f 16 4 | 0.520 GHz | -60,88 dBm | | | | |

Antenna C

Antenna B

Page No: 379 of 636



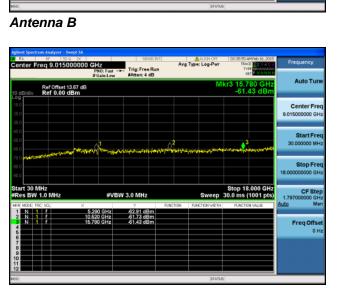
Avg Type: Log-Pr Trig: Free Run Auto Tur Ref Offset 13.67 dB Ref 0.00 dBm Center Fre 15000000 G Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) art 30 MHz Res BW 1.0 MH CF S #VBW 3.0 MH 1.79700 5.290 GHz 10.520 GHz 15.790 GHz -63.80 dB -61.45 dB -69.03 dB Freq Offs 01

uluulu cisco

Antenna A

| Center Freq 9.015000 | DC 0000 GHz PNO: Fast ~ IFGain:Low | Trig: Free Run #Atten: 4 dB | Avg Type: Log-Pur | 03:31:53 AM Feb 16, 2015 TRACE 2 3 4 5 6 TYPE WARNAWA | Frequency |
|-----------------------------|---|--------------------------------|--|---|------------------------------|
| Ref Offset 13.6 | | | М | kr3 15.780 GHz -60.24 dBm | Auto Tun |
| -og 10.0 20.0 30.0 | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | country wind | Janga Jawa Marana (Marana) | Constant and a state of the second state of th | 3 | Start Fre 30.000000 MH |
| 70.0 | | | | | Stop Fre 18.000000000 GH |
| Start 30 MHz | | ¥ 3.0 MHz | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.79700000 GF |
| Res BW 1.0 MHz | | | | | |
| | #VB/ 5.290 GHz 10.520 GHz 16.790 GHz | | UNCTION FUNCTION WIDTH | PUNCTION VALUE | |

Antenna C



Antenna D

Page No: 380 of 636

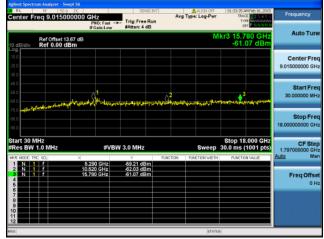
This document is uncontrolled. Please refer to the electronic copy within EDCS for the most up to date version. Cisco Systems, Inc. Company Confidential

Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 1ss



Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 2ss





Antenna A

Antenna B

Page No: 381 of 636

Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 2ss





Antenna A

| 0.00 dBm | 1 Andrease | | mart Abber | 54902-548 ⁴ 9 | | | 80 GHz 72 dBm | Auto T Center I 9.015000000 Start I 30.000000 Stop I |
|---|--------------------|--|-----------------------|-----------------------------|--------------------------|----------------------------|-----------------------|---|
| ana | 1 Mariana and | g uig stop registered hyper | mat Asian | 5.494.2-1.45 ⁴ 6 | is Ny faritry | Anti-factor | erez-la/ortek | 9.015000000 Start F 30.000000 |
| | June of the second | f att pay - of a state of a | ne ve | t-Apple-USPy | hang of the state of the | antification of the second | ereszős (ereszt | 30,000000 |
| | | | | | | | | Stop |
| | | | | | | | | 18.00000000 |
| IHz | #VBN | 4 3.0 MHz | | | Sweep 3 | 0.0 ms (| .000 GHz 1001 pts) | CF 8 1.797000000 Auto |
| 10.52 | | -60.93 dBn -62.01 dBn -60.72 dBn | 1 | IN FUNCT | ION WIDTH | FUNCTIO | N VALUE | Freq Of |
| | | | | | | | | |
| | 10.5 | 5,280 GHz 10,520 GHz 16,780 GHz | 10.520 GHz -62.01 dBn | 10.520 GHz -62.01 dBm | 10.520 GHz 62.01 dBm | 10.520 GHz -62.01 dBm | 10.520 GHz -62.01 dBm | 10.520 GHz -62.01 dBm |

Antenna C

Antenna B

Page No: 382 of 636



Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 2ss



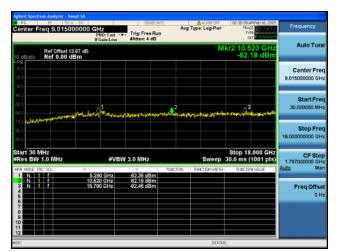
| Center Freq 9.01 | 5000000 GHz PNO: Fast IFGain:Low | Trig: Free Run | | ALIGN OFF | TRAC | Feb 16, 2015 | Frequency |
|------------------------------------|--|--|-------------------------|-----------|------------------------|------------------|------------------------------------|
| 10 dB/div Ref 0.00 | t 13.67 dB | Protein 4 012 | | М | kr2 10.5 -61.9 | 20 GHz 33 dBm | Auto Tur |
| -10.0 -20.0 -30.0 | | | | | | | Center Fre 9.015000000 GH |
| -40 0 -50 0 -60 0 -70 0 | man manager and the first | fertation and the particular | 2 4,74 matrix-second | trations | deter anger | taren w | Start Fre 30.000000 MH |
| -70.0 | | | | | | | Stop Fre 18.000000000 Gi |
| Start 30 MHz #Res BW 1.0 MHz | #VI | 3W 3.0 MHz | FUNCTION FI | Sweep | Stop 18. 30.0 ms (1 | | CF Ste 1.797000000 GI Auto M |
| 1 N 1 F 2 N 1 F 3 N 1 F 4 | 5.290 GHz 10.520 GHz 16.780 GHz | -60.58 dBm -61.93 dBm -62.06 dBm | | | Toncho | T TPEDE | Freq Offs 01 |
| 7 | | | | | | | |
| 8 9 10 11 | | | | | | | |

Antenna C



uluulu cisco





Antenna D

Page No: 383 of 636

Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 3ss





Antenna A

| RL IF 30 Center Freq 9.0150 | R DC 000000 GHz PNO: Fast IEfiaint.com | SBISEIN Trig: Free Ru #Atten: 4 dB | Avg | ALIGN OFF Type: Log-Pwr | 01:53:55 AM Feb 16, 2015 TRACE 2 3 4 5 6 TYPE 000 | Frequency |
|--|---|--|----------------|----------------------------|---|-------------------------------------|
| Ref Offset 1 0 dB/div Ref 0.00 d | 13.67 dB | | | М | kr3 15.780 GHz -60.40 dBm | Auto Tune |
| 20.0 30.0 | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 50.0 70.0 | martha | ىرىيەر يىلىر بىلىر ئىرىل | 0 ² | وسلما والمراج | erain-andraser | Start Fre 30.000000 MH |
| 70.0 0000000000000000000000000000000000 | | | | | | Stop Fre 18.000000000 GF |
| Start 30 MHz Res BW 1.0 MHz | | 3W 3.0 MHz | | | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.797000000 GH Auto Ma |
| MKR MODE TRC SCL 1 N 1 7 2 N 1 7 3 N 1 7 4 | × 5.290 GHz 10.520 GHz 16.790 GHz | -59.70 dBm -61.20 dBm -60.40 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Freq Offse |
| 6 7 8 9 10 | | | | | | |
| 12 | | | | STATUS | | |

Antenna C

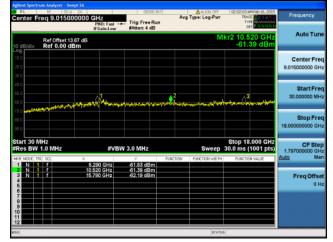
Antenna B

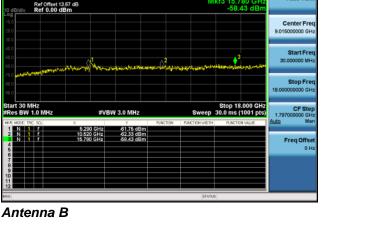
Page No: 384 of 636



Auto Tur

Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 3ss





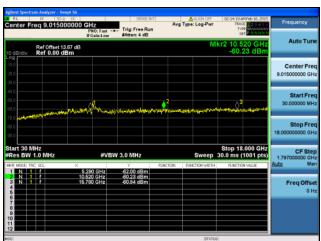
Avg Type: Log-P

Trig: Free Run



| | req 9.01 | 5000000 GH | IO: Fast 🗝 | Trig: Free Run #Atten: 4 dB | A | | Log-Pwr | TRA | AM Feb 16, 2015 | Frequency |
|--------------------------------------|--|--------------------------------|-------------------------|--|----------|---------------|-----------------|--------------------|------------------------------|----------------------------------|
| 0 dB/div | Ref Offse Ref 0.0 | t 13.67 dB | ain:Low | #Atten: 4 dB | | | М | | 780 GHz 72 dBm | Auto Tur |
| - 0 9 10.0 20.0 30.0 | | | | | | | | | | Center Fre 9.015000000 Gi |
| 40.0 50.0 60.0 | رون میں میں میں اور میں میں اور میں میں میں میں میں میں میں می | and the second | 1 Managara | f at surry working with | | inter a la la | · biany granted | and and the states | 3 44 meterika/1400 meteri | Start Fre 30.000000 Mi |
| 70.0 | | | | | | | | | | Stop Fr 18.000000000 G |
| | 1.0 MHz | | #VB\ | ¥ 3.0 MHz | | | | 30.0 ms | 8.000 GHz (1001 pts) | CF St 1.797000000 G Auto M |
| 1 N 2 N 3 N 4 | 1 | × 5.290 10.520 16.790 |) GHz) GHz) GHz | -60.93 dBm -62.01 dBm -60.72 dBm | FUNCTION | FUN | CTION WIDTH | PUNCTI | ON VALUE | Freq Offs 0 |
| 5 | | | | | | | | | | |
| 5 6 7 8 9 | | | | | | | | | | |

Antenna C



Antenna D

Page No: 385 of 636



Conducted Spurs Peak, 5290 MHz, VHT80 Beam Forming, M0 to M9 4ss





Antenna C



cisco

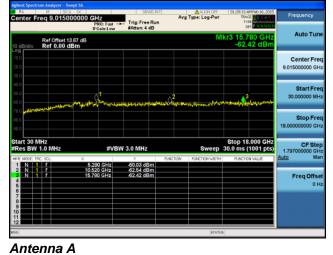




Antenna D

Page No: 386 of 636

Conducted Spurs Peak, 5290 MHz, VHT80 STBC, M0 to M9 2ss





Antenna B

Page No: 387 of 636

Conducted Spurs Peak, 5290 MHz, VHT80 STBC, M0 to M9 2ss





Antenna A

| enter Freq 9.015000000 | PNO: Fast Tr | SENSE:INT | Avg Type: Log-Pwr | 01:53:55 AM Feb 16, 2015 TRACE 2 3 4 5 6 TYPE WANNING | Frequency |
|---|---------------|--------------------------|------------------------------------|---|--|
| Ref Offset 13.67 dB | IFGain:Low #A | tten: 4 dB | М | kr3 15.780 GHz -60.40 dBm | Auto Tuni |
| 29 00 00 00 00 00 00 00 00 00 00 00 00 00 | | | | | Center Fre 9.015000000 GH |
| 0.0 0.0 0.0 0.0 0.0 0.0 | M. Marson | North Contraction | د. مايان بوري بي موان مي موان م | an star of star and strategy of the star of the star | Start Fre 30,000000 MH |
| 0.0 | | | | | Stop Fre 18.00000000 GH |
| tart 30 MHz Res BW 1.0 MHz R MODE TRC SCL X | #VBW 3.0 | MHZ Y FUNC 270 dBm | | Stop 18.000 GHz 30.0 ms (1001 pts) PUNCTION VALUE | CF Ste 1.797000000 GH <u>Auto</u> Ma |
| 2 N 1 f 10 | 0.520 GHz 6 | .20 dBm .40 dBm | | | Freq Offse 0 H |

Antenna C

Antenna B

Page No: 388 of 636



Conducted Spurs Peak, 5290 MHz, VHT80 STBC, M0 to M9 2ss



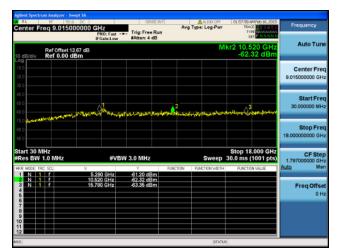


Antenna C



cisco

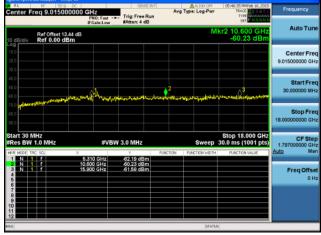




Antenna D

Page No: 389 of 636

Conducted Spurs Peak, 5310 MHz, Non HT40 Duplicate, 6 to 54 Mbps

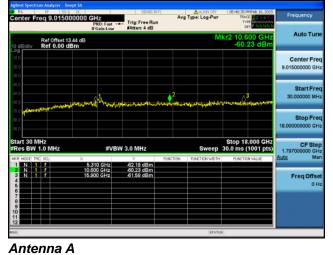


Antenna A

Page No: 390 of 636



Conducted Spurs Peak, 5310 MHz, Non HT40 Duplicate, 6 to 54 Mbps

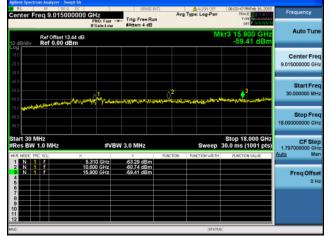




Antenna B

Page No: 391 of 636

Conducted Spurs Peak, 5310 MHz, Non HT40 Duplicate, 6 to 54 Mbps



| | | SENSE:INT | Avg Type: Log-Pwr | 06:06:49 PMFeb 16, 2015 TRACE | Frequency |
|-------------------------------|---------------------------|--------------------------------|---|---------------------------------------|--------------------------------|
| enter Freq 9.01500 | PNO: Fast H IFGain:Low | Trig: Free Run #Atten: 4 dB | Wed Libe: rod-t-m | DET P NN NN N | |
| Ref Offset 13 | | | N | lkr3 15.900 GHz -59.91 dBm | Auto Tune |
| 00 10.0 20.0 30.0 | | | | | Center Freq 9.015000000 GHz |
| 10 0 50 0 20 0 | and the second second | n ja val fil fallet men som me | 2 Anther and a section of the sectio | athree and a figure out out of the | Start Free 30.000000 MH: |
| | | | | | Stop Free 18.00000000 GHz |
| tart 30 MHz Res BW 1.0 MHz | #VB | V 3.0 MHz | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Step 1.797000000 GH |
| KR MODE TRC SCL | × 5.310 GHz | Y FU -63.28 dBm | NCTION FUNCTION WIDTH | FUNCTION VALUE | Auto Mar |
| 2 N 1 F 3 N 1 F 4 5 | 10.600 GHz 15.900 GHz | -61.17 dBm -59.91 dBm | | | Freq Offse 0 Hi |
| 6 7 8 9 9 10 | | | | | |
| 2 | | | STAT | | |

Antenna A

| | PNO: Fat | | Avg | AL) 3N OFF Type: Log-Pur | 06:10:58 PMFeb 16, 2015 TRACE 2 3:4 5 6 TYPE WARNAN N DET P N N N N N | Frequency |
|-----------------------------|--|---|--|---|---|---|
| Ref Offset 13 Ref 0.00 d | 3.44 dB Bm | | | М | kr2 10.600 GHz -61.69 dBm | Auto Tun |
| | | | | | | Center Fre 9.015000000 GH |
| | and the second | المراجع المالية | and the second | and the stands | a hand a share a | Start Fre 30.000000 MH |
| | | | | | | Stop Fre 18.000000000 GH |
| | # | VBW 3.0 MHz | | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.797000000 GH |
| 11 | | | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Ma |
| | 10.800 GHz 16.900 GHz | -61.69 dBm -62.63 dBm | | | | Freq Offs 0 F |
| | | | | | | |
| | eq 9.0150 Ref Offset 1: Ref 0.00 d | eq 9.01500000 GHz Piot and Ref Offset 13.44 dB Ref 0.00 dBm Hz 1.0 MHz # 0.00 Hz # 0.00 Hz 10.600 Hz | eq 9.01500000 GHZ PIO.12 PIO | eq 9.015000000 CHZ PR0.1 au IFGainLow Ref Once 13.44 dB Ref 0.00 dBm IFGainLow Avg Avg Avg Avg Avg Avg Avg Avg | eq 9.015000000 GHz IFIG: network Trig: Free Run Mater: 4 dB Avg Type: Log-Per Mater: 4 dB Ref Ones 13.44 dB Ref 0.00 dBm M Ref 0.00 dBm M 100 dBm 40 100 dBm 100 dHz 100 dHz 41.60 dBm 100 dHz 100 dHz 100 dHz 1000 dHz 100 dHz 100 dHz | eq 9.01500000 GHz If GainLow Trig: Free Run Materix 4 dB Avg Type: Log-Per Type: Log-Per Materix 5 de dB Tric: Distance Type: Log-Per Materix 6 |

Antenna C

Antenna B

Page No: 392 of 636



Conducted Spurs Peak, 5310 MHz, Non HT40 Duplicate, 6 to 54 Mbps



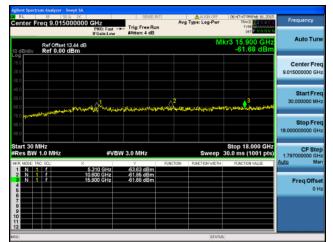
uluilu cisco



| RL RF S Center Freq 9.015 | 5000000 GHz PNO: Fast | Trig: Free Run #Atten: 4 dB | Avg Type: Log-Pwr | 06:43:47 PMFeb 16, 2015 TRACE 2 3 4 5 6 TriPE DET P N N 1 1 1 | Frequency |
|--|---|--|--|--|--|
| Ref Offset 0 dB/div Ref 0.00 | t 13.44 dB | Pristen 4 dig | N | lkr2 10.600 GHz -60.19 dBm | Auto Tur |
| 20.0 | | | | | Center Fr 9.015000000 G |
| 40.0 50.0 60.0 | and the second states and | | ¢ ² | the strang and strange build | Start Fr 30.000000 M |
| 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ومتوهر المالية المواسطين والمراجر المحصولة | all and a second second the | And the state of t | An Branch State State Street | |
| 80.0 | and the second secon | 459°************************************ | and a subject from the subject of th | | |
| 300 300 start 30 MHz | | W 3.0 MHz | | Stop 18.000 GHz 30.0 ms (1001 pts) | 18.00000000 G CF St 1.797000000 G |
| tart 30 MHz Res BW 1.0 MHz R MODE TRC SCL 1 N 1 f | #VB × 5,310 GHz | W 3.0 MHz -64.31 dBm | | Stop 18.000 GHz 30.0 ms (1001 pts) | 18.00000000 G CF St 1.797000000 G |
| 200 And Mile 200 Start 30 MHz Res BW 1.0 MHz Start 30 MHz 481 M00E TRC SCL T 1 N 1 2 N 1 3 N 1 4 6 Start 30 | #VE | W 3.0 MHz | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | Stop Fr 18.00000000 G CF St 1.79700000 G <u>Auto</u> M Freq Offs 0 |
| 00 Mr 10 00 Image: start sta | #VB × 5.310 GHz 10.600 GHz | W 3.0 MHz -64.31 dBm -60.19 dBm | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | 18.000000000 G CF St 1.797000000 G <u>Auto</u> N Freq Offs |

Antenna C





Antenna D

Page No: 393 of 636

Avg Type: Log-Pa ncy 0 GHz Trig: Free Run Auto Tun Ref Offset 13.44 dB Ref 0.00 dBm 61.50 Center Fre 9.015000000 GH Start Fr **●**³ Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) t 30 MHz s BW 1.0 MH CFS #VBW 3.0 MHz 1.79700 5.310 GHz 10.600 GHz 15.900 GHz -63.03 dBm -62.10 dBm -61.50 dBm Freq Offs 01

Conducted Spurs Peak, 5310 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss

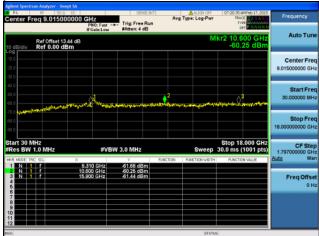
Antenna A

Page No: 394 of 636



Conducted Spurs Peak, 5310 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss





Antenna A

Antenna B

Page No: 395 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss







| RL IS 50 R DC Center Freq 9.015000000 | CH2 PNO: Fast Trig: Free Run #Atten: 4 dB | AUG Type: Log-Pwr | 07:40:41 AMFeb 17, 2015 TRACE 2 3:4 5 0 TYPE WWWWWW DET P N N N N | Frequency |
|--|---|--|--|---|
| Ref Offset 13.44 dB 0 dB/div Ref 0.00 dBm | | М | kr2 10.600 GHz -58.77 dBm | Auto Tune |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | Center Free 9.015000000 GH |
| 000 500 500 700 | 12 Carmenter and a card a c | 2 chippingingingingingingingingingingingingingi | konstan Astronomia | Start Free 30,000000 MH |
| 80.0 | | | | Stop Fre 18.000000000 GH |
| itart 30 MHz Res BW 1.0 MHz Naj MODE TRC SCL X | | SW00p | Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE | CF Step 1.797000000 GH <u>Auto</u> Ma |
| 2 N 1 f 10 | 310 GHz 41.06 dBm 800 GHz 48.77 dBm 900 GHz 43.58 dBm | | | Freq Offse 0 H |

Antenna C

Antenna B

Page No: 396 of 636



Conducted Spurs Peak, 5310 MHz, HT/VHT40, M0 to M7, M0 to M9 1ss



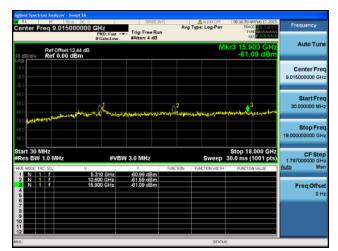
| Center Freq 9.0150 | PNO: Fast 🗝 | Trig: Free Run | | ALIGN OFF pe: Log-Pwr | TRACE | AFeb 17, 2015 | Frequency |
|--|--|--|---|--|------------------------|-------------------|-------------------------------------|
| Ref Offset | | Millen, 4 db | | М | kr2 10.6 -59.1 | 00 GHz 4 dBm | Auto Tun |
| -10.0 -20.0 -30.0 | | | | | | | Center Fre 9.015000000 GH |
| -40.0 -50.0 -60.0 -70.0 Hall Andrew Martin | and the second | nuturation deserves | مرد بالا الارام المرد الم | and the second states of the | | esterative tryles | Start Fre 30.000000 MH |
| -70.0 | | | | | | | Stop Fre 18.000000000 GF |
| Start 30 MHz #Res BW 1.0 MHz | | V 3.0 MHz | | | Stop 18. 30.0 ms (1 | 1001 pts) | CF Ste 1.797000000 GF Auto Mi |
| HKR MODE TRC SCL 1 N 1 7 2 N 1 7 3 N 1 7 4 | × 5,310 GHz 10.600 GHz 15.900 GHz | -61.35 dBm -59.14 dBm -62.71 dBm | FUNCTION | UNCTION WIDTH | FUNCTION | 4 VALUE | Freq Offs |
| 6 7 9 10 11 | | | | | | | |
| 12 | | | | | | | |

Antenna C



uluulu cisco

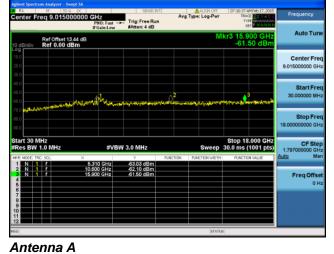




Antenna D

Page No: 397 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss





Antenna B

Page No: 398 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss





Antenna A

| enter Fr | eq 9.01500 | PNO: Fast | | Avg | ALIGN OFF | 07:24:36 AM Feb 17, 2015 TRACE 2 3 4 5 6 TYPE 000000000000000000000000000000000000 | Frequency |
|---|------------------------------|--------------------------|-----------------------------|------------|-------------------------|--|-------------------------------------|
| 0 dB/div | Ref Offset 13 Ref 0.00 de | | Anten: 4 dB | | М | kr3 15.900 GHz -60.46 dBm | Auto Tun |
| 0 g 10 0 20 0 30 0 | | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 50.0 | الاستور میلاد بال بال الم | Mercin Streen | ور المراجع المحمولي المردون | and ranges | | an the second states and second states | Start Fre 30.000000 MH |
| 80.0 | | | | | | | Stop Fre 18.00000000 GH |
| Res BW | 1.0 MHz | #V × 5,310 GHz | BW 3.0 MHz | FUNCTION | Sweep FUNCTION WIDTH | Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE | CF Ste 1.797000000 GH Auto Ma |
| 2 N 1 3 N 1 4 5 6 7 8 9 9 10 | | 10.600 GHz 15.900 GHz | -62.46 dBm -60.46 dBm | | | | Freq Offse 0 F |

Antenna C

Antenna B

Page No: 399 of 636

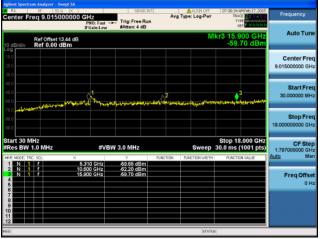


Conducted Spurs Peak, 5310 MHz, HT/VHT40, M8 to M15, M0 to M9 2ss



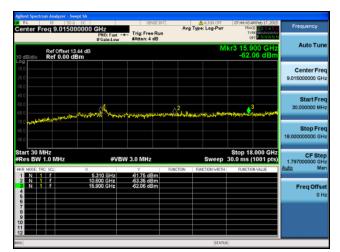


Antenna C



cisco

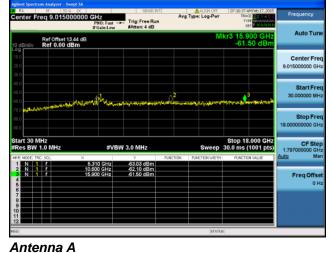




Antenna D

Page No: 400 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40, M16 to M23, M0 to M9 3ss





Antenna B

| | | DC | SENSE | | ALIGN OFF Type: Log-Pwr | 07:24:36 AM Feb 17, 2015 TRACE | Frequency |
|-----------------------------------|-----------------------------|----------------------------------|-------------------------------|----------------------|----------------------------|--|--------------------------------|
| enter Fi | req 9.01500 | DUUUU GHZ PNO: Fa IFGain:L | st Trig: Free R | Run | rype: Log-P'er | TYPE WANNAME | |
| 0 dB/div | Ref Offset 13 Ref 0.00 d | 3.44 dB | | | Μ | kr3 15.900 GHz -60.46 dBm | |
| 0.0 20.0 20.0 | | | | | | | Center F 9.015000000 (|
| 0.0 0.0 0.0 | والازرمين بالإيجيلودي | Maria Maria | مى ئەردانىيە بېرىيە بېرىيە | underich after freis | مىرى بىرى بەر بىرى | and the second | Start F 30.000000 1 |
| 0.0 | | | | | | | Stop F 18.000000000 |
| | | | | | _ | Stop 18.000 GHz | |
| | | # | VBW 3.0 MHz | | Sweep | 30.0 ms (1001 pts) | L L L B |
| Res BW | 1.0 MHz | × | Y | FUNCTION | Sweep FUNCTION WIDTH | | |
| 2 N 4 | 1.0 MHz C SCL f | | z -61.76 dBm z -62.46 dBm | n n | | 30.0 ms (1001 pts) | 1.797000000 |
| Res BW 1 N 1 2 N 1 3 N 1 | 1.0 MHz C SCL f | × 5.310 GH; 10.600 GH; | z -61.76 dBm z -62.46 dBm | n n | | 30.0 ms (1001 pts) | 1.797000000 Auto Freq Ol |

Antenna C

Page No: 401 of 636



Conducted Spurs Peak, 5310 MHz, HT/VHT40, M16 to M23, M0 to M9 3ss



uluulu cisco

Auto Tur

Center Fre 9.015000000 Gi Start Fre



| RL 85 50 R Center Freq 9.015000 | 000 GHz | SENSE:INT | Avg Type: I | LIGN OFF Log-Pwr | 07:40:41.AMP TRACE TYPE | Feb 17, 2015 | Frequency |
|---|-------------|---|-------------------------------|---------------------|-------------------------------|--------------------|---|
| Ref Offset 13.4 | IFGain:Low | #Atten: 4 dB | | M | (r2 10.60 | 0 GHz 7 dBm | Auto Tur |
| -10.0 -20.0 -30.0 | | | | | | | Center Fre 9.015000000 GH |
| -40.0 -50.0 -60.0 -70.0 | 1 Andrewson | ayunna | 2 vinite of a miles of the | - | and marking | ر مربقتون روان | Start Fr 30.000000 M |
| | | | | | | | |
| | | | | | | | |
| 300 300 Start 30 MHz #Res BW 1.0 MHz | #VBV | ¥ 3.0 MHz | | Sweep : | Stop 18.0 30.0 ms (10 | 00 GHz 001 pts) | Stop Fr 18.00000000 G CF Str 1.797000000 G Auto M |
| 80 0 90 0 Start 30 MHz | | | | | Stop 18.0 | 00 GHz 001 pts) | 18.00000000 G CF St 1.797000000 G |

Antenna C





Antenna D

Page No: 402 of 636

Conducted Spurs Peak, 5310 MHz, VHT40, M0 to M9 4ss







Antenna C



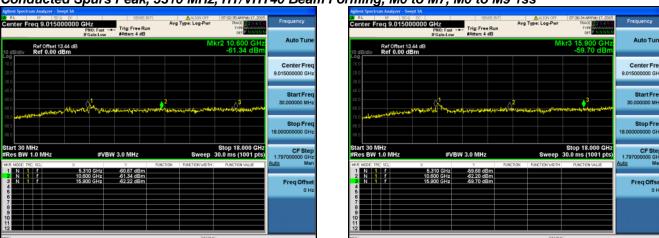
cisco





Antenna D

Page No: 403 of 636



Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss

Antenna A

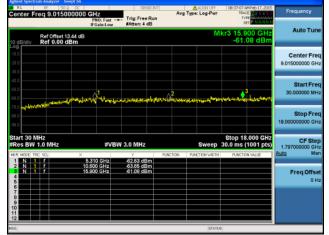
Antenna B

սիսիս cisco

01

Page No: 404 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss





Antenna A

| enter Freq 9.015 | 000000 GHz PNO: Fast = IFGain:Low | Trig: Free Run | Avg Type: Log-Pwr | 08:45:13:4M Feb 17, 2015 TRACE 2 3 4 5 6 TIPE 000000000000000000000000000000000000 | Frequency |
|---------------------------------|---|---|---|--|------------------------------|
| Ref Offset 0 dB/div Ref 0.00 | 13,44 dB | Million, 4 db | М | kr2 10.600 GHz -59.75 dBm | Auto Tun |
| 0 9 10.0 20.0 | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 70.0 10.0 | - margaran and the age is a set | and have been all a straining and a straining a | 2 Land and the state of the sta | anterest of the provident | Start Fre 30.000000 Mi |
| 10.0 10.0 10.0 | | | | | Stop Fro 18.000000000 G |
| tart 30 MHz Res BW 1.0 MHz | #VB | W 3.0 MHz | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.797000000 G |
| KR MODE TRC SCL | × 5.310 GHz | -63.85 dBm | INCTION FUNCTION WIDTH | FUNCTION VALUE | Auto Ma |
| | 10.600 GHz 15.900 GHz | -59.75 dBm -60.32 dBm | | | Freq Offs |
| 2 N 1 f 3 N 1 f 4 | | | | | 01 |
| 3 N 1 7 | | | | | 01 |

Antenna C

Antenna B

Page No: 405 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss



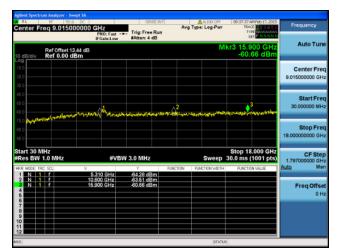




| RL ⊪ Center Freq 9.01 | 5000000 GHz PNO: Fast IFGainLow | Trig: Free Run #Atten: 4 dB | | ALIGN OFF | 09:33:36.4M Feb 17, TRACE 2 3 TYPE DET P NY | Frequency |
|---|---------------------------------------|---------------------------------------|-----------------------|-----------|--|---|
| O dB/div Ref 0.0 | et 13.44 dB 0 dBm | | | MI | (r3 15.900 G -59.50 dB | |
| -og 10.0 20.0 30.0 | | | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | and stranger of the states of | لىلىمەر بالدې مىدىنچىدۇر بىلدې گېر قۇ | 2 artistic damping | hayashala | | Start Fre 30,000000 MH |
| | | | | | | |
| 70.0 | | | | | | |
| 700 | | 3W 3.0 MHz | | | Stop 18.000 G 30.0 ms (1001 p | 18.00000000 GH GHz CF Ste 1.797000000 GH |
| 70.0 - 10 00 10 00 | × 5.310 GHz | ү -63.34 dBm | FUNCTION FUR | Sweep | | |
| 700 7400 7400 800 700 700 | × | Y | FUNCTION FUR | | 30.0 ms (1001 p | 18.000000000 GH GHz CF Ste 1.797000000 GH |
| Start 30 MHz Res BW 1.0 MHz Res BW 1.0 MHz 2 N 1 f 3 N 1 f | × 5.310 GHz 10.600 GHz | -63.34 dBm -61.23 dBm | FUNCTION FUR | | 30.0 ms (1001 p | 18.00000000 Gi HZ CF Ste 1.79700000 Gi Auto Mi Freq Offs |

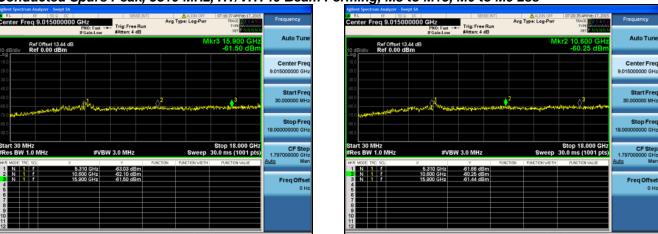
Antenna C





Antenna D

Page No: 406 of 636



Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss

Antenna A

Antenna B

cisco

Page No: 407 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss





Antenna A

| RL RF 50.2 DC | | Avg Type: Log-Pwr Run | 07:40:41 AM Feb 17, 2015 TRACE 2 3 4 5 6 TYPE WARMANNA DET P N N N N N | Frequency |
|---|---|--------------------------|--|------------------------------|
| Ref Offset 13.44 c 0 dBidiv Ref 0.00 dBm | βB | N | lkr2 10.600 GHz -58.77 dBm | Auto Tune |
| 200 | | | | Center Fre 9.015000000 GH |
| 40.0 50.0 70.0 | Analy the and the second | 2- | deronderson frankriger bei son frank | Start Fre 30.000000 MH |
| 000 | | | | Stop Fre 18.000000000 GF |
| itart 30 MHz Res BW 1.0 MHz | #VBW 3.0 MHz | Sweep | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Ste 1.797000000 GH |
| KR MODE TRC SCL | X Y 5,310 GHz -61.06 dBn 10.600 GHz -59.77 dBn 15.900 GHz -63.58 dBn | n | FUNCTION VALUE | Auto Ma Freq Offse |
| 3 N 1 F | 10.500 GHz 05.06 GBI | | | |

Antenna C

Antenna B

Page No: 408 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss



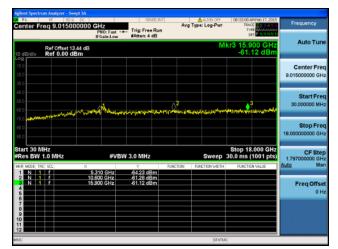


Antenna A

| Center Freq 9.01500000 | PNO: East net | SBASE:INT Trig: Free Run Witten: 4 dB | Avg Type: Log-Pwr | 08:29:04 AM Feb 17, 2015 TRACE 2 3 4 5 6 TIPE CONTINUE DET PINNINE | Frequency |
|--|----------------|---|--|---|-----------------------------------|
| Ref Offset 13,44 dB 10 dB/div Ref 0.00 dBm | | | М | kr2 10.600 GHz -58.77 dBm | Auto Tur |
| 20.0 30.0 | | | | | Center Fre 9.015000000 Gi |
| | and the market | 2 Mindapatricity | 8-13-30-78-41-78-14-15-14-15-14-14-14- | nnerssallingensember | Start Fre 30,000000 M |
| 70.0 | | | | | Stop Fr 18.00000000 G |
| Start 30 MHz Res BW 1.0 MHz 4/8 MODELTRC SOL X | #VBW 3. | .0 MHz | | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Sto 1.797000000 G Auto M |
| 2 N 1 F 1 | 0.600 GHz | 63.05 dBm 59.77 dBm 61.89 dBm | | | Freq Offs |
| | | | | | 01 |

Antenna C





Antenna D

Page No: 409 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss





Antenna A

| enter Freq 9.01500 | 0000 GHz PNO: Fast | SBNSE:INT | Avg Type: Log | | Frequency |
|--|--|--|--------------------------|--|------------------------------------|
| Ref Offset 13. dB/div Ref 0.00 dB | 44 dB | Millen, 4 db | | Mkr3 15.900 GHz -60.46 dBm | |
| 10 | | | | | Center Fre 9.015000000 GF |
| 0.0 0.0 0.0 0.0 المحمد الم | auge hard a growing on | م. ماريد باريم المريد الم | 2 July an great more and | All Martines and advectories | Start Fre 30,000000 MH |
| 1.0 1.0 | | | | | Stop Fre 18.00000000 Gi |
| tart 30 MHz Res BW 1.0 MHz | | N 3.0 MHz | | Stop 18.000 GHz ep 30.0 ms (1001 pts) | CF Ste 1.797000000 GI Auto M |
| IR MODE TRC SCL 2 N 1 F 3 N 1 F 5 5 7 8 9 | × 5.310 GHz 10.600 GHz 16.900 GHz | -61.76 dBm -62.46 dBm -60.46 dBm | FUNCTION FUNCTION V | ADTH PUNCTION VALUE | Freq Offs 01 |

Antenna C

Antenna B

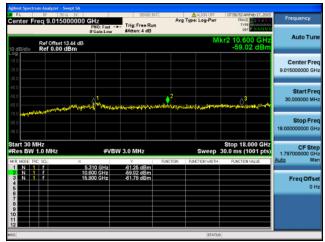
Page No: 410 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss









Antenna C





Antenna D

Page No: 411 of 636



Conducted Spurs Peak, 5310 MHz, VHT40 Beam Forming, M0 to M9 4ss



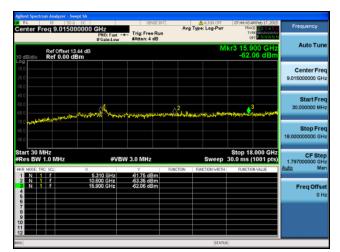


Antenna C



cisco

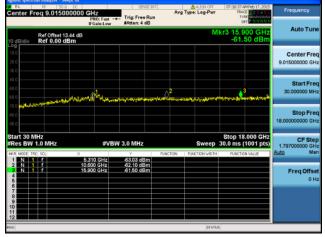




Antenna D

Page No: 412 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 STBC, Mo to M7





Antenna A

Antenna B

Page No: 413 of 636

Conducted Spurs Peak, 5310 MHz, HT/VHT40 STBC, M0 to M7



| RL | RF 50 Q | | | SENSE | EINT | | ALIGN OFF | | AM Feb 17, 2015 | Frequency |
|---|---------------------------------|--------------------------------------|------------|-------------------------------|----------------|---------|------------|------------------|---|--|
| enter Fre | q 9.015000 | PNO. | :Fast ⊶► | Trig: Free F | | Avg Typ | e: Log-Par | | AGE 23456 YPE WALLAND A DET PINNNNN | · · · · · · · · · · · · · · · · · · · |
| 0 dB/div | Ref Offset 13.4 Ref 0.00 dBr | 4 dB n | | | | | M | | 600 GHz .25 dBm | Auto Tune |
| 0.0 0.0 0.0 | | | | | | | | | | Center Free 9.015000000 GH |
| | المحادث المسادر | New Mar | Weinstally | | - Alicenter al | HT PARA | | ant price when a | 3 | Start Free 30.000000 MH |
| | | | | | | | | | | |
| 0.0 | | | | | | | | | | |
| tart 30 MH Res BW 1 | Hz .0 MHz | | | / 3.0 MHz | | | · · · · | 30.0 ms | 8.000 GHz (1001 pts) | Stop Free 18.00000000 GH CF Ster 1.79700000 GH |
| tart 30 MH Res BW 1 1 N 1 2 N 1 3 N 1 4 | tz .0 MHz sci f | × 5.310 (10.600 (15.900 (| #VBW | | FUNCT | ION FU | Sweep | 30.0 ms | 8.000 GHz (1001 pts) ION VALUE | 18.00000000 GH CF Ster 1.797000000 GH <u>Auto</u> Mai Freq Offse |
| tart 30 MH Res BW 1. KR MODE TRC 1 N 1 2 N 1 3 N 1 | tz .0 MHz sci f | × 5.310 (10.600 (| #VBW | 7 -61.66 dBn -60.25 dBn | FUNCT | ION FU | · · · · | 30.0 ms | (1001 pts) | 18.00000000 GH CF Ster 1.79700000 GH |

Antenna A

| enter Freq 9.0150000 | | SENSE:IN | Avg | ALIGN OFF | 07:24:36.4MFeb 17, 2015 TRACE | Frequency |
|--|------------------------------|--|----------------|-------------------------|---|--|
| Ref Offset 13.44 D dB/div Ref 0.00 dBm | | #Atten: 4 dB | | М | kr3 15.900 GHz -60.46 dBm | Auto Tun |
| 00 000 000 | | | | | | Center Fre 9.015000000 GH |
| 0 0 0 0 0 0 0 0 0 0 | when the man | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | with the first | | an and a state of the state of | Start Fre 30.000000 MH |
| 0.0 | | | | | | Stop Fre |
| 0.0 | | | | | | 18.00000000 G |
| tart 30 MHz Res BW 1.0 MHz | #VE | W 3.0 MHz | | | Stop 18.000 GHz 30.0 ms (1001 pts) | 18.00000000 Gi CF Ste 1.797000000 Gi |
| tart 30 MHz Res BW 1.0 MHz RF MODE TRC SCL | × 5.310 GHz | ү -61.76 dBm | FUNCTION | Sweep Function width | | CF Ste |
| tart 30 MHz Res BW 1.0 MHz Kes Hotel TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f 5 | X | Y | FUNCTION | | 30.0 ms (1001 pts) | CF Ste 1.797000000 G |
| tart 30 MHz Res BW 1.0 MHz RM MODE TRC SCL 1 N 1 F 2 N 1 F 4 4 | × 5.310 GHz 10.600 GHz | 4 -61.76 dBm -62.46 dBm | FUNCTION | | 30.0 ms (1001 pts) | CF Ste 1.797000000 GI <u>Auto</u> M Freq Offs |

Antenna C

Antenna B

Page No: 414 of 636



Conducted Spurs Peak, 5310 MHz, HT/VHT40 STBC, M0 to M7





| Center Freq 9.0 | 15000000 GHz |); Fast 🕩 | Trig: Free Run | Ave | ALIGN OFF | 07:40:41.4MFe TRACE | 8b 17, 2015 | Frequency |
|--|--------------------------------|------------|---|----------|--------------------------|---------------------------|--------------|------------------------------|
| 10 dB/div Ref 0 | | in:Low | #Atten: 4 dB | - | N | tkr2 10.600 -58.77 |) GHz dBm | Auto Tun |
| -10.0 | | | | | | | | Center Fre 9.015000000 GP |
| -40.0 -50.0 -60.0 | and and the second | to Barrens | | 2 | Law So Virging in Street | deroutroo fragen | NLU YANYA | Start Fre 30,000000 Mi |
| -70.0 -80.0 -90.0 | | | | | | | | Stop Fr 18.000000000 G |
| Start 30 MHz #Res BW 1.0 MH | z | #VBW | / 3.0 MHz | | Sweep | Stop 18.00 30.0 ms (10 | 01 pts) | CF St 1.797000000 G |
| HKR MODE TRC SCL 1 N 1 F 2 N 1 F 3 N 1 F 4 | × 5,310 10.600 16.900 | GHz | Y -61.06 dBm -58.77 dBm -63.58 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION V | ALUE | Auto M Freq Offs 01 |
| 6 7 8 9 10 11 | | | | | | | | |
| 12 | | | | | STAT | | | |

Antenna C







Antenna D

Page No: 415 of 636

uluilu cisco

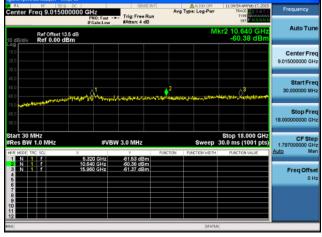
Avg Type: Log-Pa a 9.015) GHz Trig: Free Run Auto Tur Ref Offset 13.5 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) t 30 MHz s BW 1.0 MH CFS #VBW 3.0 MHz 1.79700 5.320 GHz 10.640 GHz 15.960 GHz -61.53 dBm -60.38 dBm -61.37 dBm Freq Offs 01

Conducted Spurs Peak, 5320 MHz, 6 to 54 Mbps

Antenna A

Page No: 416 of 636

Conducted Spurs Peak, 5320 MHz, 6 to 54 Mbps



Avg Type: Log-Pw 00 GHz eq 9.0150 ast ----- Trig: Free Run Auto Tur Ref Offset 13.5 dB Ref 0.00 dBm Center Fre Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) tart 30 MHz Res BW 1.0 MH CF S #VBW 3.0 MHz 1.79700 5.320 GHz 10.640 GHz 15.960 GHz -61.64 dBr -62.57 dBr -61.53 dBr Freq Offs 01

Antenna B

Antenna A

Page No: 417 of 636

Conducted Spurs Peak, 5320 MHz, 6 to 54 Mbps





| Center Freq S | 50 R DC 9.015000000 | PNO: Fast 🕩 | Trig: Free Run #Atten: 4 dB | Avg Typ | ALIGN OFF | 12:49:00 PMFe TRACE TYPE | | Frequency |
|------------------------------|--|---|--------------------------------|------------|------------------------|--------------------------------|-------------------|---|
| | Offset 13.5 dB 0.00 dBm | IFGain:Low | antiten: 4 db | | М | kr2 10.640 -61.53 |) GHz dBm | Auto Tun |
| 20.0 | | | | | | | _ | Center Fre 9.015000000 GH |
| 40.0 50.0 60.0 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Anadahatan | 2 | V WAR WAR | * | and the second | Start Fre 30.000000 MH |
| | | | | | | | | |
| 80.0 | | | | | | | 18 | |
| Start 30 MHz Res BW 1.0 M | ЛНz | | ¥ 3.0 MHz | EINCTION E | | Stop 18.00 30.0 ms (10 | 00 GHz 01 pts) | Stop Fre 8.00000000 GH CF Ste 1.797000000 GH |
| 80.0 10.0 Start 30 MHz | /Hz × 5 10 | | | FUNCTION P | Sweep Inction width | | 00 GHz 01 pts) | CF Ste |

Antenna C

| glent Spectrum Analyzer - Swept RL 85 50 Ω Center Freq 9.015000 | 000 GHz PN0: Fast+ | SENSE:INT | ALISH OFF Avg Type: Log-Pur | 12:44:53 PMFeb 17, 2015 TRACE 2 3 4 5 6 TriPE | Frequency |
|--|--|--|--------------------------------|---|--|
| Ref Offset 13.5 0 dB/div Ref 0.00 dBr | | #Atten: 4 dB | М | kr2 10.640 GHz -61.80 dBm | Auto Tune |
| 0 g 10.0 20.0 30.0 | | | | | Center Freq 9.015000000 GHz |
| 000 500 600 700 | and | and the second | 2 Antipication | Hater, and the man for the | Start Freq 30.000000 MHz |
| | | | | | Stop Freq 18.00000000 GHz |
| tart 30 MHz Res BW 1.0 MHz | | 3.0 MHz | | Stop 18.000 GHz 30.0 ms (1001 pts) | CF Step 1.797000000 GHz Auto Man |
| KR MODEL TRC SOL 2 N 1 F 3 N 1 F 4 4 5 6 7 8 8 9 9 0 1 2 | × 5,320 GHz 10,640 GHz 15,980 GHz | 61.80 dBm 61.80 dBm 62.22 dBm | FUNCTION FUNCTION WOTH | PUNCTION VALUE | Freq Offset 0 Hz |
| 6 | | | STATU | 6 | |

cisco

Antenna B

Page No: 418 of 636

Avg Type: Log-Pa GHz Trig: Free Run Auto Tur Ref Offset 13.5 dB Ref 0.00 dBm 61.55 Center Fre 9.015000000 GH Start Fre ٠ Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) CF Ste t 30 MHz sBW 1.0 MH #VBW 3.0 MHz 1.7970 5.320 GHz 10.640 GHz 15.960 GHz -63.76 dBn -63.30 dBn -61.55 dBn Freq Offs 01

Conducted Spurs Peak, 5320 MHz, 6 to 54 Mbps



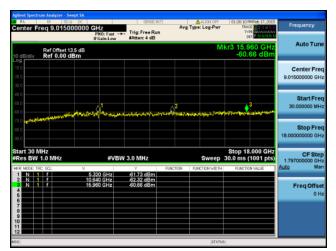
| Center Fi | | 50 0 DC 1500000 | OGHz PNO: Fast - IFGain:Low | Trig: Free Run #Atten: 4 dB | Avg | ALIGN OFF Type: Log-Pwr | TRAC | MFeb 17, 2015 E 2 3 4 5 6 E NUNNN P NNNNN | Frequency |
|--------------------------------|--------------------|---|---------------------------------------|--|--------------------|----------------------------|----------------------|--|-------------------------------------|
| 10 dB/div | Ref Offi Ref 0. | set 13.5 dB 00 dBm | | | | М | kr2 10.6 -62.3 | 40 GHz 36 dBm | Auto Tun |
| -10.0 | | | | | | | | | Center Fre 9.015000000 GH |
| -40.0 -50.0 -60.0 | arayestatua | alaria a la constante da la con | 1 | Hereforent Art art | 2 44.8 A 184341 | وي رويد من المرود الم | | 3 rugbacherde | Start Fre 30.000000 MH |
| -70.0 | ersport. | | | | | | | | Stop Fre 18.000000000 GH |
| Start 30 N #Res BW | 1.0 MH | 2 × | #VB | W 3.0 MHz | FUNCTION | Sweep | Stop 18 30.0 ms (| | CF Ste 1.797000000 GH Auto Ma |
| 1 N 1 2 N 1 3 N 1 4 5 | 1 | | 5.320 GHz 10.640 GHz 15.980 GHz | -62.74 dBm -62.36 dBm -63.70 dBm | TUNETION | | | THESE | Freq Offs |
| 7 8 9 10 11 | | | | | | | | | |
| | | | | | | | | | |

Antenna C



cisco



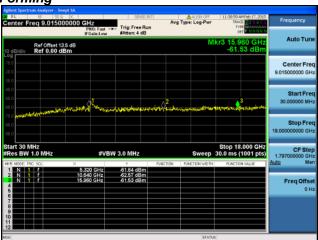


Antenna D

Page No: 419 of 636

Conducted Spurs Peak, 5320 MHz, 6 to 54 Mbps Beam Forming





Antenna A

Antenna B

Page No: 420 of 636