

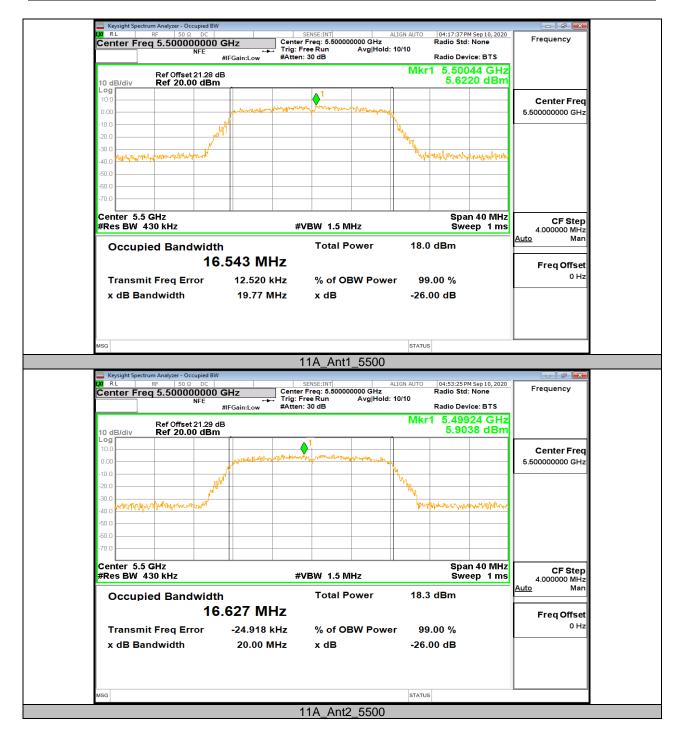
04:11:48 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.280000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.280000000 GHz Radio Device: BTS 5.28204 GHz Ref Offset 21.27 dB Ref 20.00 dBm 10.561 dBm 10 dB/div Center Fred 5.280000000 GHz Center 5.28 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 22.3 dBm 16.614 MHz Freq Offset 0 Hz Transmit Freq Error 29.210 kHz 99.00 % % of OBW Power x dB Bandwidth 19.99 MHz -26.00 dB STATUS 11A_Ant1_5280 04:47:45 PM Sep 10, 2020 Radio Std: None | SENSE:INT | ALIGN AI
| Center Freq: 5.280000000 GHz
| Trig: Free Run | Avg|Hold: 10/10 |
| #Atten: 30 dB | Frequency Center Freq 5.280000000 GHz #IFGain:Low Radio Device: BTS 5.2766 GHz Ref Offset 21.26 dB Ref 20.00 dBm 10.142 dBm 0 dB/div Center Freq 5.280000000 GHz Center 5.28 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 22.3 dBm Occupied Bandwidth 16.581 MHz Freq Offset 0 Hz **Transmit Freq Error** 30.159 kHz % of OBW Power 99.00 % x dB Bandwidth 20.03 MHz -26.00 dB x dB

11A Ant2 5280

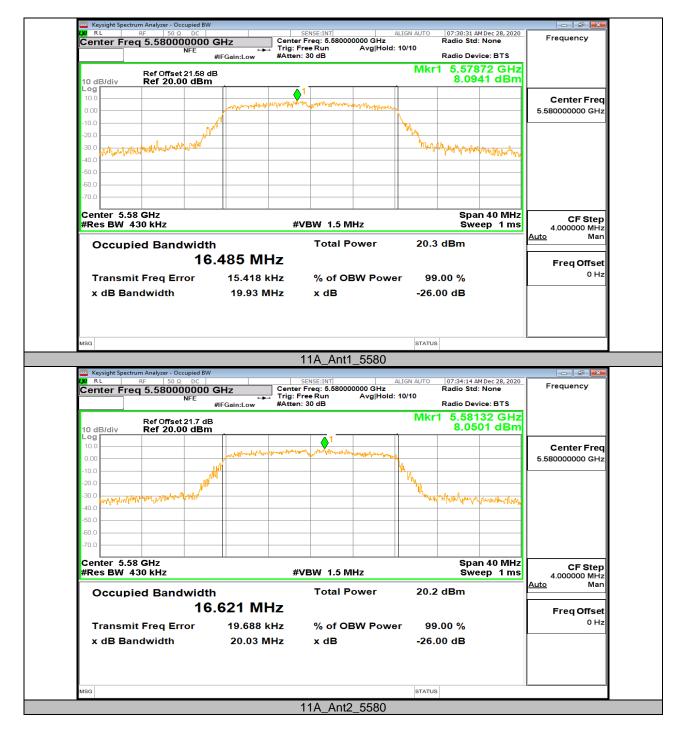


04:14:22 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.320000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.320000000 GHz Radio Device: BTS 5.32072 GHz 7.3561 dBm Ref Offset 21.27 dB Ref 20.00 dBm 10 dB/div Center Fred 5.320000000 GHz Center 5.32 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz #VBW 1.5 MHz Mar Occupied Bandwidth 19.2 dBm **Total Power** 16.619 MHz Freq Offset 0 Hz 7.625 kHz **Transmit Freq Error** % of OBW Power 99.00 % x dB Bandwidth 20.06 MHz -26.00 dB STATUS 11A_Ant1_5320 04:50:27 PM Sep 10, 2020 Radio Std: None Center Freq: 5.320000000 GHz
Trig: Free Run Avg|Hold
#Atten: 30 dB Frequency Center Freq 5.320000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.32196 GHz Ref Offset 21.26 dB Ref 20.00 dBm 7.3451 dBm 0 dB/div Center Freq 5.320000000 GHz Center 5.32 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.2 dBm Occupied Bandwidth 16.642 MHz Freq Offset 0 Hz **Transmit Freq Error** -41.957 kHz % of OBW Power 99.00 % x dB Bandwidth 20.03 MHz -26.00 dB x dB STATUS 11A Ant2 5320





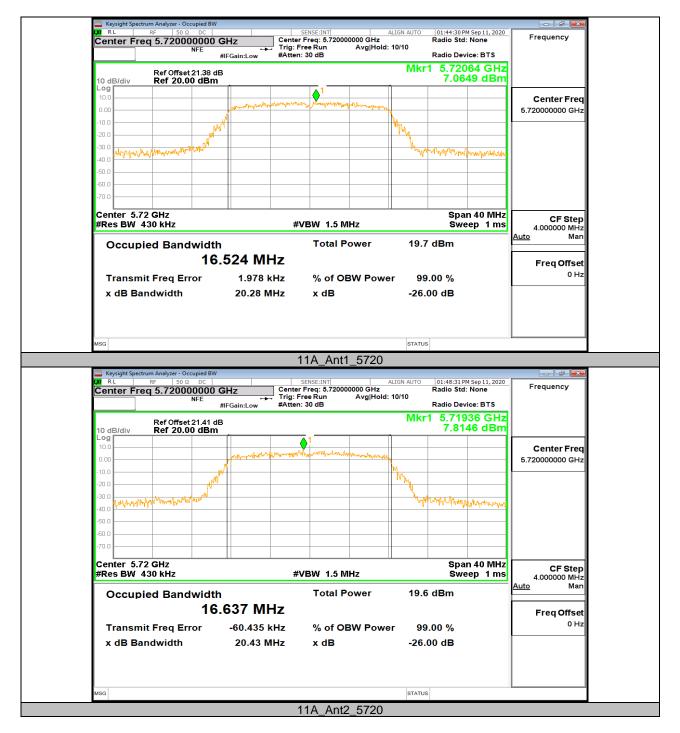






04:24:50 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.700000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.700000000 GHz Radio Device: BTS 5.69892 GHz Ref Offset 21.38 dB Ref 20.00 dBm 11.078 dBm 10 dB/div Center Fred 5.700000000 GHz Center 5.7 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 22.2 dBm 16.514 MHz Freq Offset 0 Hz Transmit Freq Error 9.198 kHz 99.00 % % of OBW Power x dB Bandwidth 19.46 MHz -26.00 dB STATUS 11A_Ant1_5700 04:58:37 PM Sep 10, 2020 Radio Std: None Center Freq: 5.700000000 GHz
Trig: Free Run Avg|Hold
#Atten: 30 dB Frequency Center Freq 5.700000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.69832 GHz Ref Offset 21.41 dB Ref 20.00 dBm 10.196 dBm 0 dB/div Center Freq 5.700000000 GHz Center 5.7 GHz #Res BW 430 kHz Span 40 MHz CF Step **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 22.0 dBm Occupied Bandwidth 16.470 MHz Freq Offset 0 Hz **Transmit Freq Error** -16.613 kHz % of OBW Power 99.00 % x dB Bandwidth 20.15 MHz -26.00 dB x dB STATUS 11A_Ant2_5700







04:28:06 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.74500000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.745000000 GHz Radio Device: BTS 5.74428 GHz Ref Offset 21.17 dB Ref 20.00 dBm 5.4826 dBm 10 dB/div Center Fred 5.745000000 GHz Center 5.745 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz #VBW 1.5 MHz Mar Occupied Bandwidth **Total Power** 17.8 dBm 16.623 MHz Freq Offset 0 Hz Transmit Freq Error -63.630 kHz 99.00 % % of OBW Power x dB Bandwidth 20.13 MHz -26.00 dB STATUS 11A_Ant1_5745 05:09:57 PM Sep 10, 2020 Radio Std: None Center Freq: 5.745000000 GHz
Trig: Free Run Avg|Hold
#Atten: 30 dB Frequency Center Freq 5.745000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.74608 GHz Ref Offset 21.17 dB Ref 20.00 dBm 6.3624 dBm 0 dB/div Center Freq 5.745000000 GHz Center 5.745 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.0 dBm Occupied Bandwidth 16.602 MHz Freq Offset 0 Hz **Transmit Freq Error** -28.660 kHz % of OBW Power 99.00 % x dB Bandwidth 19.94 MHz -26.00 dB x dB STATUS 11A Ant2 5745



SENSE:INT ALIGN AUT
Center Freq: 5.785000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 04:31:03 PM Sep 10, 2020 Radio Std: None Frequency Center Freq 5.785000000 GHz Radio Device: BTS Mkr1 5.78384 GHz Ref Offset 21.17 dB Ref 20.00 dBm 4.0041 dBm 10 dB/div Center Freq 5.785000000 GHz Center 5.785 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz #VBW 1.5 MHz Mar Occupied Bandwidth **Total Power** 16.5 dBm 16.577 MHz Freq Offset 0 Hz Transmit Freq Error -5.182 kHz 99.00 % % of OBW Power x dB Bandwidth 20.07 MHz -26.00 dB STATUS 11A_Ant1_5785 05:14:09 PM Sep 10, 2020 Radio Std: None Center Freq: 5.785000000 GHz
Trig: Free Run Avg|Hold
#Atten: 30 dB Frequency Center Freq 5.785000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS Mkr1 5.7826 GHz Ref Offset 21.17 dB Ref 20.00 dBm 4.8376 dBm 0 dB/div Center Freq 5.785000000 GHz Center 5.785 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 17.4 dBm Occupied Bandwidth 16.700 MHz Freq Offset 0 Hz **Transmit Freq Error** 12.579 kHz % of OBW Power 99.00 % x dB Bandwidth 20.22 MHz -26.00 dB x dB STATUS 11A Ant2 5785



04:34:00 PM Sep 10, 2020 Radio Std: None Frequency Center Freq 5.825000000 GHz Radio Device: BTS 5.82568 GHz 6.4077 dBm Ref Offset 21.17 dB Ref 20.00 dBm 10 dB/div Center Fred 5.825000000 GHz March March Land Continue Continues and Center 5.825 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz #VBW 1.5 MHz Mar 18.8 dBm Occupied Bandwidth **Total Power** 16.672 MHz Freq Offset 0 Hz Transmit Freq Error 11.975 kHz % of OBW Power 99.00 % x dB Bandwidth 19.94 MHz -26.00 dB STATUS 11A_Ant1_5825 05:18:45 PM Sep 10, 2020 Radio Std: None Center Freq: 5.825000000 GHz Trig: Free Run Avg|Hold #Atten: 30 dB Frequency Center Freq 5.825000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.82728 GHz Ref Offset 21.17 dB Ref 20.00 dBm 7.1921 dBm 0 dB/div Center Freq 5.825000000 GHz Center 5.825 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.0 dBm Occupied Bandwidth 16.552 MHz Freq Offset 0 Hz **Transmit Freq Error** -13.099 kHz % of OBW Power 99.00 % x dB Bandwidth 20.09 MHz -26.00 dB x dB STATUS 11A Ant2 5825



07:11:01 PM Sep 10, 2020 Radio Std: None Frequency Center Freg 5.180000000 GHz Radio Device: BTS 5.18164 GHz 7.0243 dBm Ref Offset 21.27 dB Ref 20.00 dBm 10 dB/div Center Fred 5.180000000 GHz Center 5.18 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 19.5 dBm **Total Power** 17.670 MHz Freq Offset 0 Hz Transmit Freq Error 27.049 kHz 99.00 % % of OBW Power x dB Bandwidth 20.02 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5180 07:12:20 PM Sep 10, 2020 Radio Std: None Center Freq: 5.180000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.180000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.17744 GHz Ref Offset 21.28 dB Ref 20.00 dBm 8.6892 dBm 0 dB/div Center Freq 5.180000000 GHz Center 5.18 GHz Span 40 MHz CF Step #VBW 1.5 MHz #Res BW 430 kHz Sweep 1 ms 4.000000 MHz Total Power 18.9 dBm Occupied Bandwidth 17.600 MHz Freq Offset 0 Hz **Transmit Freq Error** 52.493 kHz % of OBW Power 99.00 % x dB Bandwidth 19.99 MHz -26.00 dB x dB STATUS 11N20MIMO Ant2 5180



SENSE:INT ALIGN AUT
Center Freq: 5.200000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 07:14:11 PM Sep 10, 2020 Radio Std: None Frequency Center Freg 5.200000000 GHz Radio Device: BTS 5.19888 GHz 7.5636 dBm Ref Offset 21.27 dB Ref 20.00 dBm 10 dB/div Center Fred 5.200000000 GHz Center 5.2 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 19.3 dBm **Total Power** 17.618 MHz Freq Offset 0 Hz Transmit Freq Error -29.438 kHz % of OBW Power 99.00 % x dB Bandwidth 20.20 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5200 07:15:33 PM Sep 10, 2020 Radio Std: None Center Freq: 5.200000000 GHz Trig: Free Run Avg|Hold #Atten: 30 dB Frequency Center Freq 5.200000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.20068 GHz Ref Offset 21.28 dB Ref 20.00 dBm 7.7926 dBm 0 dB/div Center Freq 5.200000000 GHz Center 5.2 GHz #Res BW 430 kHz Span 40 MHz CF Step **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 18.8 dBm Occupied Bandwidth 17.725 MHz Freq Offset 0 Hz **Transmit Freq Error** -19.928 kHz % of OBW Power 99.00 % x dB Bandwidth 20.12 MHz -26.00 dB x dB

11N20MIMO Ant2 5200



SENSE:INT ALIGN AUT
Center Freq: 5.240000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 07:23:14 PM Sep 10, 2020 Radio Std: None Frequency Center Freg 5.240000000 GHz Radio Device: BTS 5.24056 GHz 7.5119 dBm Ref Offset 21.27 dB Ref 20.00 dBm 10 dB/div Center Fred 5.240000000 GHz Center 5.24 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar 19.3 dBm Occupied Bandwidth **Total Power** 17.615 MHz Freq Offset 0 Hz Transmit Freq Error -29.267 kHz 99.00 % % of OBW Power x dB Bandwidth 20.10 MHz -26.00 dB STATUS 11N20MIMO Ant1 5240 07:24:55 PM Sep 10, 2020 Radio Std: None Center Freq: 5.240000000 GHz Trig: Free Run Avg|Hold #Atten: 30 dB Frequency Center Freq 5.240000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.24184 GHz Ref Offset 21.26 dB Ref 20.00 dBm 10.126 dBm 0 dB/div Center Freq 5.240000000 GHz Center 5.24 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 20.5 dBm Occupied Bandwidth 17.671 MHz Freq Offset 0 Hz **Transmit Freq Error** -48.001 kHz % of OBW Power 99.00 % x dB Bandwidth 20.24 MHz -26.00 dB x dB

11N20MIMO Ant2 5240



07:28:57 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.260000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.260000000 GHz Radio Device: BTS 5.25932 GHz Ref Offset 21.27 dB Ref 20.00 dBm 8.9293 dBm 10 dB/div Center Fred 5.260000000 GHz ««Իիրչպահի_{լան}դո Center 5.26 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 21.5 dBm 17.604 MHz Freq Offset 0 Hz Transmit Freq Error 27.952 kHz 99.00 % % of OBW Power x dB Bandwidth 20.50 MHz -26.00 dB STATUS 11N20MIMO Ant1 5260 07:30:15 PM Sep 10, 2020 Radio Std: None Center Freq: 5.260000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.260000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.25824 GHz Ref Offset 21.26 dB Ref 20.00 dBm 11.215 dBm 0 dB/div Center Freq 5.260000000 GHz Center 5.26 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 21.7 dBm Occupied Bandwidth 17.531 MHz Freq Offset 0 Hz **Transmit Freq Error** 20.644 kHz % of OBW Power 99.00 % x dB Bandwidth 20.08 MHz -26.00 dB x dB STATUS 11N20MIMO Ant2 5260



07:31:50 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.280000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.280000000 GHz Radio Device: BTS Mkr1 5.27816 GHz Ref Offset 21.27 dB Ref 20.00 dBm 8.1882 dBm 10 dB/div Center Fred 5.280000000 GHz Center 5.28 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 21.2 dBm 17.712 MHz Freq Offset 0 Hz Transmit Freq Error -23.395 kHz 99.00 % % of OBW Power x dB Bandwidth 20.58 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5280 07:33:05 PM Sep 10, 2020 Radio Std: None Center Freq: 5.280000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.280000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.28044 GHz Ref Offset 21.26 dB Ref 20.00 dBm 9.0189 dBm 0 dB/div Center Freq 5.280000000 GHz Center 5.28 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 21.1 dBm Occupied Bandwidth 17.688 MHz Freq Offset 0 Hz **Transmit Freq Error** 4.496 kHz % of OBW Power 99.00 % x dB Bandwidth 20.35 MHz -26.00 dB x dB

11N20MIMO Ant2 5280



SENSE:INT ALIGN AU
Center Freq: 5.320000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 07:34:38 PM Sep 10, 2020 Radio Std: None Frequency Center Freg 5.320000000 GHz Radio Device: BTS 5.32116 GHz 7.2276 dBm Ref Offset 21.27 dB Ref 20.00 dBm 10 dB/div Center Fred 5.320000000 GHz Center 5.32 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar 19.8 dBm **Occupied Bandwidth Total Power** 17.667 MHz Freq Offset 0 Hz Transmit Freq Error -28.834 kHz 99.00 % % of OBW Power x dB Bandwidth 20.34 MHz -26.00 dB STATUS 11N20MIMO Ant1 5320 07:35:53 PM Sep 10, 2020 Radio Std: None Center Freq: 5.320000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.320000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.31608 GHz Ref Offset 21.26 dB Ref 20.00 dBm 8.4600 dBm 0 dB/div Center Freq 5.320000000 GHz Center 5.32 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.9 dBm Occupied Bandwidth 17.645 MHz Freq Offset 0 Hz **Transmit Freq Error** -28.908 kHz % of OBW Power 99.00 % x dB Bandwidth 20.20 MHz -26.00 dB x dB STATUS 11N20MIMO Ant2 5320



SENSE:INT ALIGN AUT
Center Freq: 5.500000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 07:37:17 PM Sep 10, 2020 Radio Std: None Frequency Center Freg 5.500000000 GHz Radio Device: BTS Mkr1 5.50184 GHz Ref Offset 21.28 dB Ref 20.00 dBm 6.5516 dBm 10 dB/div Center Fred 5.500000000 GHz Center 5.5 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz #VBW 1.5 MHz Mar Occupied Bandwidth 18.5 dBm **Total Power** 17.564 MHz Freq Offset 0 Hz Transmit Freq Error -13.709 kHz % of OBW Power 99.00 % x dB Bandwidth 20.15 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5500 07:38:29 PM Sep 10, 2020 Radio Std: None Center Freq: 5.500000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.500000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.50172 GHz Ref Offset 21.29 dB Ref 20.00 dBm 7.9998 dBm 0 dB/div Center Freq 5.500000000 GHz Center 5.5 GHz #Res BW 430 kHz Span 40 MHz CF Step #VBW 1.5 MHz Sweep 1 ms 4.000000 MHz Total Power 18.8 dBm Occupied Bandwidth 17.555 MHz Freq Offset 0 Hz **Transmit Freq Error** 24.929 kHz % of OBW Power 99.00 % x dB Bandwidth 19.70 MHz -26.00 dB x dB STATUS 11N20MIMO Ant2 5500







07:42:38 PM Sep 10, 2020 Radio Std: None | SENSE; INI | ALIGN A Center Freq: 5.700000000 GHz Trig: Free Run Avg|Hold: 10/10 #Atten: 30 dB Frequency Center Freg 5.700000000 GHz Radio Device: BTS 5.69888 GHz Ref Offset 21.38 dB Ref 20.00 dBm 9.1386 dBm 10 dB/div Center Fred 5.700000000 GHz Center 5.7 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 21.2 dBm 17.601 MHz Freq Offset 0 Hz Transmit Freq Error 7.353 kHz 99.00 % % of OBW Power x dB Bandwidth 20.66 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5700 07:44:51 PM Sep 10, 2020 Radio Std: None Center Freq: 5.700000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.700000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.70196 GHz Ref Offset 21.41 dB Ref 20.00 dBm 10.489 dBm 0 dB/div Center Freq 5.700000000 GHz 44/1/2444 Center 5.7 GHz #Res BW 430 kHz Span 40 MHz CF Step #VBW 1.5 MHz Sweep 1 ms 4.000000 MHz Total Power 21.1 dBm Occupied Bandwidth 17.651 MHz Freq Offset 0 Hz **Transmit Freq Error** -10.636 kHz % of OBW Power 99.00 % x dB Bandwidth 20.12 MHz -26.00 dB x dB STATUS 11N20MIMO Ant2 5700



SENSE:INT ALIGN AUTO
Center Freq: 5.720000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 01:53:05 PM Sep 11, 2020 Radio Std: None Frequency Center Freq 5.720000000 GHz Radio Device: BTS 5.7212 GHz Ref Offset 21.38 dB Ref 20.00 dBm 8.0103 dBm 10 dB/div Center Fred 5.720000000 GHz Center 5.72 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz #VBW 1.5 MHz Mar Occupied Bandwidth **Total Power** 20.7 dBm 17.680 MHz Freq Offset 0 Hz Transmit Freq Error -44.109 kHz % of OBW Power 99.00 % x dB Bandwidth 20.28 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5720 01:57:25 PM Sep 11, 2020 Radio Std: None Center Freq: 5.720000000 GHz
Trig: Free Run Avg|Hold
#Atten: 30 dB Frequency Center Freq 5.720000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.72248 GHz Ref Offset 21.41 dB Ref 20.00 dBm 9.0095 dBm 0 dB/div Center Freq 5.720000000 GHz Center 5.72 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 20.5 dBm Occupied Bandwidth 17.711 MHz Freq Offset 0 Hz **Transmit Freq Error** -44.351 kHz % of OBW Power 99.00 % x dB Bandwidth 20.12 MHz -26.00 dB x dB

11N20MIMO Ant2 5720



07:46:42 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.74500000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.745000000 GHz Radio Device: BTS 5.74396 GHz Ref Offset 21.17 dB Ref 20.00 dBm 6.4499 dBm 10 dB/div Center Fred 5.745000000 GHz Center 5.745 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 19.4 dBm 17.680 MHz Freq Offset 0 Hz Transmit Freq Error -24.273 kHz 99.00 % % of OBW Power x dB Bandwidth 20.43 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5745 07:48:27 PM Sep 10, 2020 Radio Std: None Center Freq: 5.745000000 GHz
Trig: Free Run Avg|Hold
#Atten: 30 dB Frequency Center Freq 5.745000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.74864 GHz Ref Offset 21.17 dB Ref 20.00 dBm 9.1525 dBm 0 dB/div Center Freq 5.745000000 GHz Center 5.745 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 20.7 dBm Occupied Bandwidth 17.790 MHz Freq Offset 0 Hz **Transmit Freq Error** 24.228 kHz % of OBW Power 99.00 % x dB Bandwidth 19.80 MHz -26.00 dB x dB STATUS 11N20MIMO Ant2 5745



07:50:27 PM Sep 10, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.785000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.785000000 GHz Radio Device: BTS 5.78444 GHz 6.4804 dBm Ref Offset 21.17 dB Ref 20.00 dBm 10 dB/div Center Freq 5.785000000 GHz Center 5.785 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 18.6 dBm **Total Power** 17.730 MHz Freq Offset 0 Hz Transmit Freq Error 1.089 kHz % of OBW Power 99.00 % x dB Bandwidth 20.05 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5785 07:52:49 PM Sep 10, 2020 Radio Std: None Center Freq: 5.785000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.785000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.78556 GHz Ref Offset 21.17 dB Ref 20.00 dBm 9.1760 dBm 0 dB/div Center Freq 5.785000000 GHz Center 5.785 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.7 dBm Occupied Bandwidth 17.584 MHz Freq Offset 0 Hz **Transmit Freq Error** 12.961 kHz % of OBW Power 99.00 % x dB Bandwidth 20.14 MHz -26.00 dB x dB STATUS 11N20MIMO Ant2 5785



SENSE:INT ALIGN AUT
Center Freq: 5.825000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 07:54:44 PM Sep 10, 2020 Radio Std: None Frequency Center Freq 5.825000000 GHz Radio Device: BTS 5.82652 GHz 7.3621 dBm Ref Offset 21.17 dB Ref 20.00 dBm 10 dB/div Center Fred 5.825000000 GHz Center 5.825 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 19.4 dBm 17.677 MHz Freq Offset 0 Hz Transmit Freq Error 22.231 kHz 99.00 % % of OBW Power x dB Bandwidth 20.24 MHz -26.00 dB STATUS 11N20MIMO_Ant1_5825 07:56:31 PM Sep 10, 2020 Radio Std: None Center Freq: 5.825000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.825000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.82452 GHz Ref Offset 21.17 dB Ref 20.00 dBm 8.8168 dBm 0 dB/div Center Freq 5.825000000 GHz Center 5.825 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.6 dBm Occupied Bandwidth 17.724 MHz Freq Offset 0 Hz **Transmit Freq Error** 25.470 kHz % of OBW Power 99.00 % x dB Bandwidth 19.95 MHz -26.00 dB x dB STATUS

11N20MIMO Ant2 5825



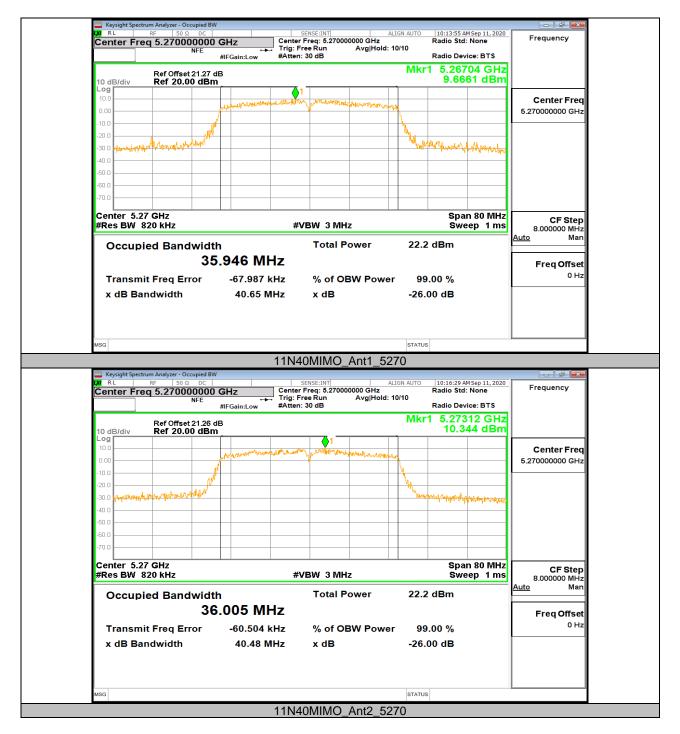
SENSE:INT ALIGN AUTO
Center Freq: 5.190000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 10:03:54 AM Sep 11, 2020 Radio Std: None Frequency Center Freg 5.190000000 GHz Radio Device: BTS 5.1916 GHz Ref Offset 21.27 dB Ref 20.00 dBm 6.3699 dBm 10 dB/div Center Fred 5.190000000 GHz Center 5.19 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar 18.5 dBm **Occupied Bandwidth Total Power** 35.991 MHz Freq Offset 0 Hz Transmit Freq Error -43.919 kHz % of OBW Power 99.00 % x dB Bandwidth 40.27 MHz -26.00 dB STATUS 11N40MIMO_Ant1_5190 10:05:48 AM Sep 11, 2020 Radio Std: None Center Freq: 5.190000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.190000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.19456 GHz Ref Offset 21.28 dB Ref 20.00 dBm 6.0107 dBm 0 dB/div Center Freq 5.190000000 GHz Center 5.19 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Occupied Bandwidth Total Power 18.3 dBm 35.920 MHz Freq Offset 0 Hz **Transmit Freq Error** -6.872 kHz % of OBW Power 99.00 % x dB Bandwidth 40.28 MHz -26.00 dB x dB STATUS 11N40MIMO Ant2 5190



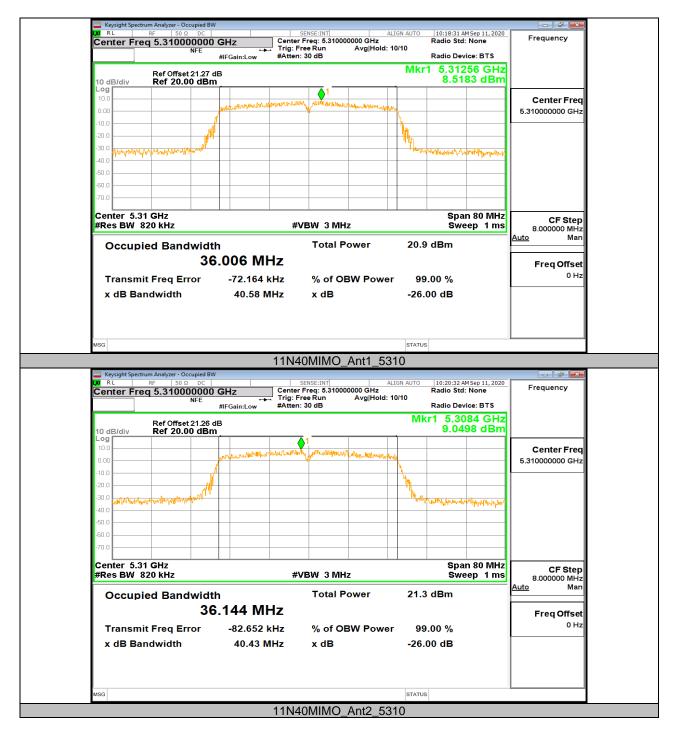
SENSE:INT ALIGN AUT
Center Freq: 5.230000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 10:09:46 AM Sep 11, 2020 Radio Std: None Frequency Center Freg 5.230000000 GHz Radio Device: BTS Mkr1 5.22824 GHz Ref Offset 21.27 dB Ref 20.00 dBm 4.8117 dBm 10 dB/div Center Fred 5.230000000 GHz Center 5.23 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar **Occupied Bandwidth Total Power** 17.3 dBm 36.047 MHz Freq Offset 0 Hz Transmit Freq Error 9.291 kHz 99.00 % % of OBW Power x dB Bandwidth 40.54 MHz -26.00 dB STATUS 11N40MIMO Ant1 5230 10:11:40 AM Sep 11, 2020 Radio Std: None Center Freq: 5.230000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.230000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS Mkr1 5.22696 GHz Ref Offset 21.26 dB Ref 20.00 dBm 6.9608 dBm 0 dB/div Center Freq 5.230000000 GHz Center 5.23 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 18.6 dBm Occupied Bandwidth 35.991 MHz Freq Offset 0 Hz **Transmit Freq Error** -44.301 kHz % of OBW Power 99.00 % x dB Bandwidth 39.48 MHz -26.00 dB x dB STATUS

11N40MIMO Ant2 5230

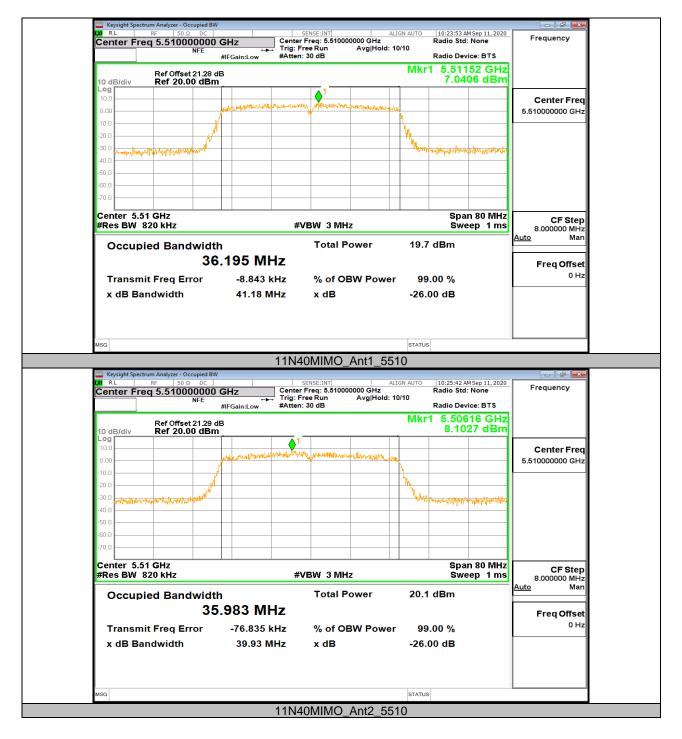














10:28:34 AM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.590000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.590000000 GHz Radio Device: BTS 5.58672 GHz 8.1672 dBm Ref Offset 21.58 dB Ref 20.00 dBm 10 dB/div Center Freq 5.590000000 GHz Center 5.59 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar 20.6 dBm Occupied Bandwidth **Total Power** 36.066 MHz Freq Offset 0 Hz Transmit Freq Error -4.438 kHz % of OBW Power 99.00 % x dB Bandwidth 40.37 MHz -26.00 dB STATUS 11N40MIMO Ant1 5590 10:30:40 AM Sep 11, 2020 Radio Std: None Center Freq: 5.590000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.590000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS Mkr1 5.5916 GHz Ref Offset 21.7 dB Ref 20.00 dBm 9.2560 dBm 0 dB/div Center Freq 5.590000000 GHz Center 5.59 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 21.4 dBm Occupied Bandwidth 35.987 MHz Freq Offset 0 Hz **Transmit Freq Error** -2.463 kHz % of OBW Power 99.00 % x dB Bandwidth 40.39 MHz -26.00 dB x dB STATUS

11N40MIMO Ant2 5590



SENSE:INT ALIGN AUT
Center Freq: 5.670000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 10:32:34 AM Sep 11, 2020 Radio Std: None Frequency Center Freg 5.670000000 GHz Radio Device: BTS Mkr1 5.668 GHz 8.5783 dBm Ref Offset 21.38 dB Ref 20.00 dBm 10 dB/div Center Fred 5.670000000 GHz Center 5.67 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar Occupied Bandwidth **Total Power** 21.2 dBm 36.042 MHz Freq Offset 0 Hz Transmit Freq Error -96.723 kHz 99.00 % % of OBW Power x dB Bandwidth 40.95 MHz -26.00 dB STATUS 11N40MIMO_Ant1_5670 10:36:16 AM Sep 11, 2020 Radio Std: None Center Freq: 5.670000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.670000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.67648 GHz Ref Offset 21.41 dB Ref 20.00 dBm 9.0800 dBm 0 dB/div Center Freq 5.670000000 GHz Center 5.67 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 21.4 dBm Occupied Bandwidth 36.196 MHz Freq Offset 0 Hz **Transmit Freq Error** 9.624 kHz % of OBW Power 99.00 % x dB Bandwidth 41.14 MHz -26.00 dB x dB STATUS 11N40MIMO Ant2 5670

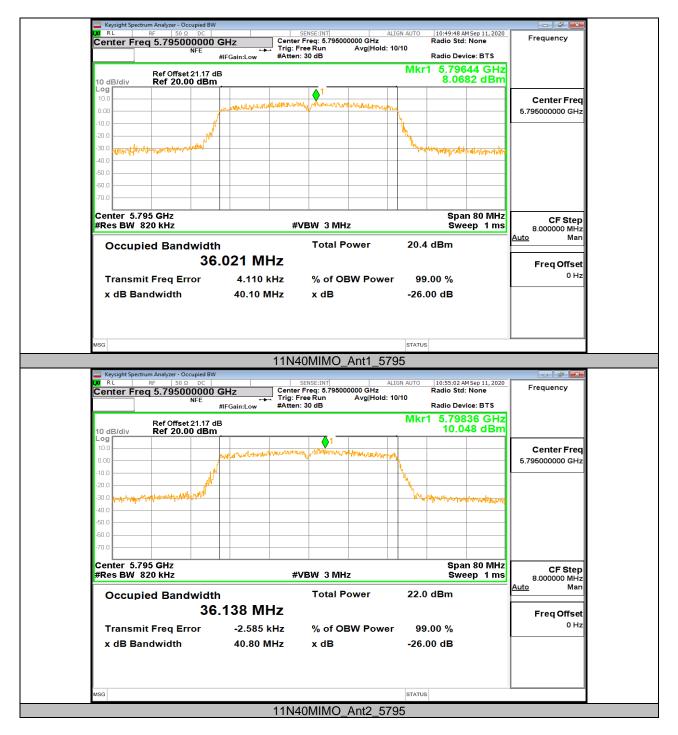




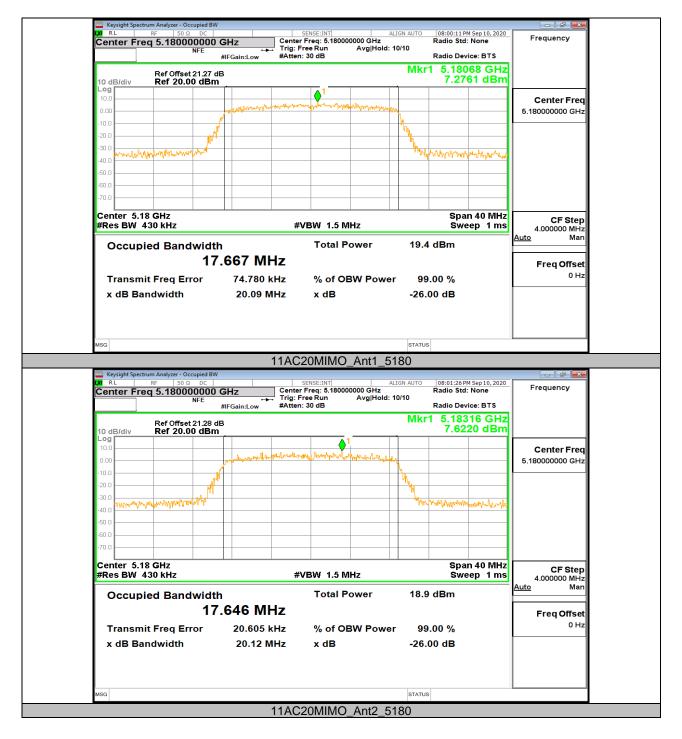


10:39:40 AM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.75500000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.755000000 GHz Radio Device: BTS 5.75812 GHz 8.0297 dBm Ref Offset 21.17 dB Ref 20.00 dBm 10 dB/div Center Fred 5.755000000 GHz Center 5.755 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar 20.5 dBm Occupied Bandwidth **Total Power** 36.156 MHz Freq Offset 0 Hz Transmit Freq Error -27.777 kHz 99.00 % % of OBW Power x dB Bandwidth 40.64 MHz -26.00 dB STATUS 11N40MIMO_Ant1_5755 10:46:02 AM Sep 11, 2020 Radio Std: None Center Freq: 5.755000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.755000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS Mkr1 5.753 GHz Ref Offset 21.17 dB Ref 20.00 dBm 9.9265 dBm 0 dB/div Center Freq 5.755000000 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 21.9 dBm Occupied Bandwidth 36.004 MHz Freq Offset 0 Hz **Transmit Freq Error** -34.900 kHz % of OBW Power 99.00 % x dB Bandwidth 40.20 MHz -26.00 dB x dB STATUS 11N40MIMO Ant2 5755











08:03:20 PM Sep 10, 2020 Radio Std: None | SENSE;INI| ALIGN A
Center Freq: 5.200000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.200000000 GHz Radio Device: BTS 5.19924 GHz 6.3348 dBm Ref Offset 21.27 dB Ref 20.00 dBm 10 dB/div Center Fred 5.200000000 GHz thrunturth.comments Center 5.2 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 19.1 dBm **Total Power** 17.739 MHz Freq Offset 0 Hz Transmit Freq Error -17.798 kHz 99.00 % % of OBW Power x dB Bandwidth 20.31 MHz -26.00 dB STATUS 11AC20MIMO_Ant1_5200 08:04:34 PM Sep 10, 2020 Radio Std: None Center Freq: 5.200000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.200000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.2018 GHz Ref Offset 21.28 dB Ref 20.00 dBm 7.2348 dBm 0 dB/div Center Freq 5.200000000 GHz Center 5.2 GHz #Res BW 430 kHz Span 40 MHz CF Step **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 18.8 dBm Occupied Bandwidth 17.666 MHz Freq Offset 0 Hz **Transmit Freq Error** -35.567 kHz % of OBW Power 99.00 % x dB Bandwidth 20.38 MHz -26.00 dB x dB

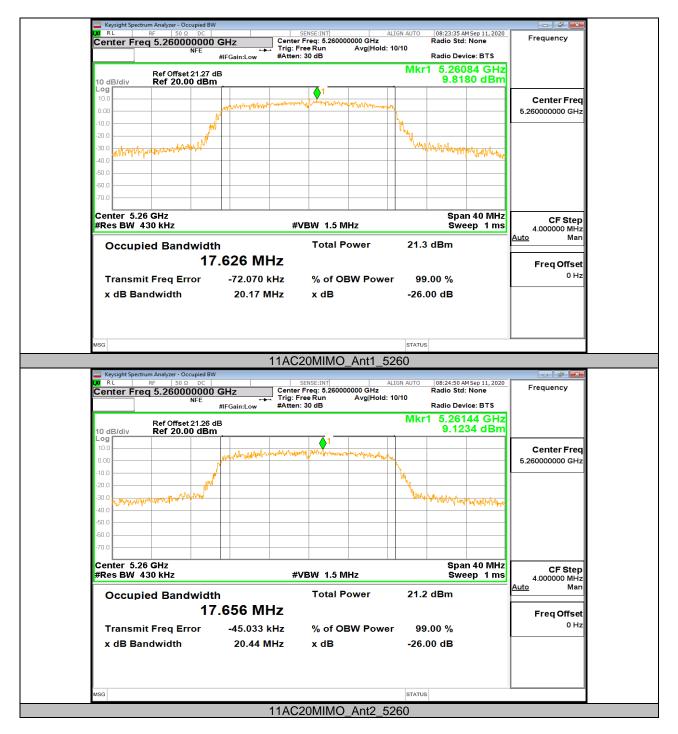
11AC20MIMO Ant2 5200



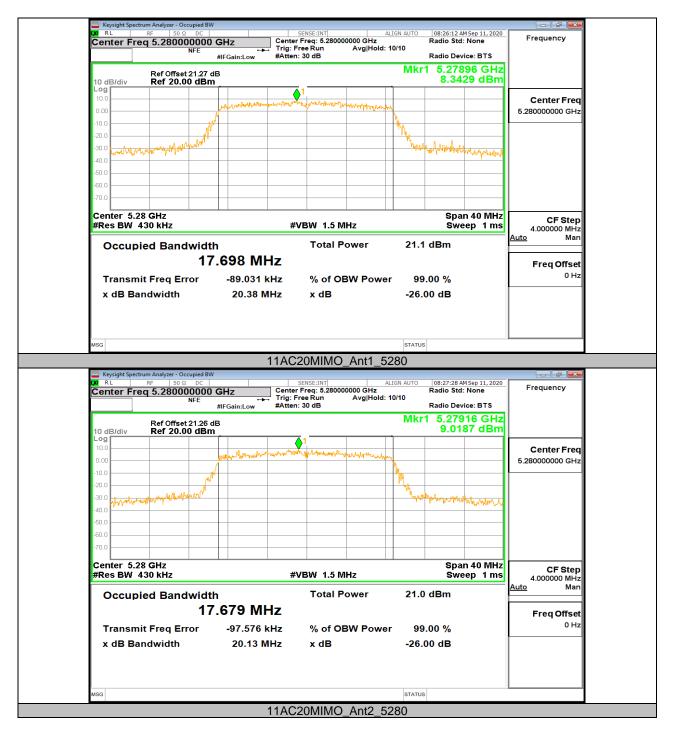
SENSE:INT ALIGN AUT
Center Freq: 5.240000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.240000000 GHz Radio Device: BTS 5.24204 GHz Ref Offset 21.27 dB Ref 20.00 dBm 6.4650 dBm 10 dB/div Center Fred 5.240000000 GHz Center 5.24 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 18.3 dBm **Total Power** 17.633 MHz Freq Offset 0 Hz Transmit Freq Error -74.787 kHz % of OBW Power 99.00 % x dB Bandwidth 20.15 MHz -26.00 dB STATUS 11AC20MIMO Ant1_5240 08:22:03 AM Sep 11, 2020 Radio Std: None Center Freq: 5.240000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.240000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.23616 GHz Ref Offset 21.26 dB Ref 20.00 dBm 7.0788 dBm 0 dB/div Center Freq 5.240000000 GHz Center 5.24 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.1 dBm Occupied Bandwidth 17.653 MHz Freq Offset 0 Hz **Transmit Freq Error** -60.629 kHz % of OBW Power 99.00 % x dB Bandwidth 20.27 MHz -26.00 dB x dB STATUS

11AC20MIMO Ant2 5240







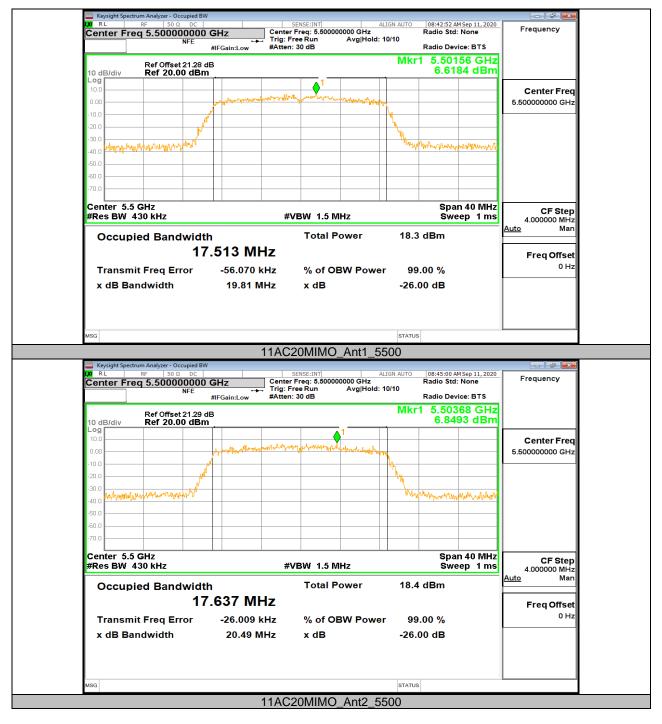




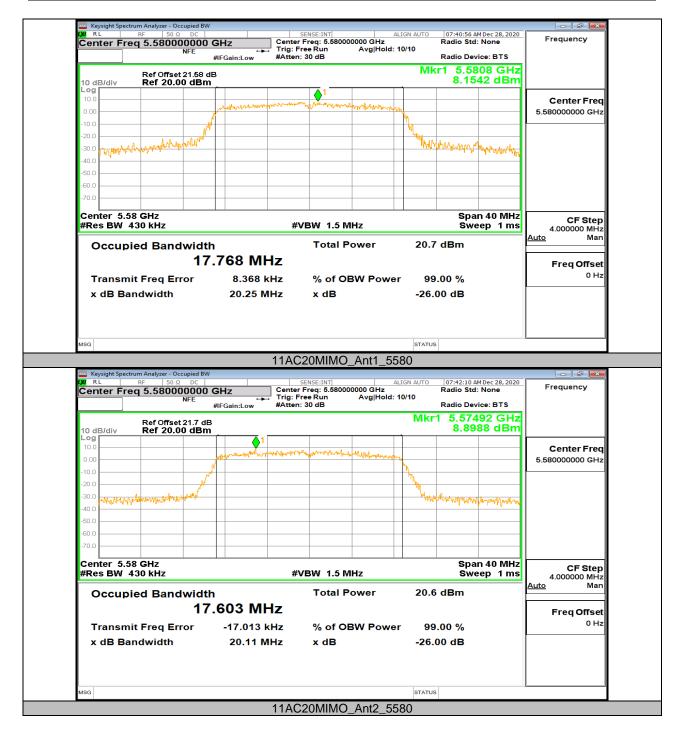
SENSE:INT ALIGN AUT
Center Freq: 5.320000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB 08:40:01 AM Sep 11, 2020 Radio Std: None Frequency Center Freg 5.320000000 GHz Radio Device: BTS 5.32172 GHz 7.9441 dBm Ref Offset 21.27 dB Ref 20.00 dBm 10 dB/div Center Fred 5.320000000 GHz Center 5.32 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 19.5 dBm **Total Power** 17.579 MHz Freq Offset 0 Hz Transmit Freq Error -31.840 kHz % of OBW Power 99.00 % x dB Bandwidth 20.25 MHz -26.00 dB STATUS 11AC20MIMO_Ant1_5320 08:41:17 AM Sep 11, 2020 Radio Std: None Center Freq: 5.320000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.320000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.32108 GHz Ref Offset 21.26 dB Ref 20.00 dBm 8.6466 dBm 0 dB/div Center Freq 5.320000000 GHz Center 5.32 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.5 dBm Occupied Bandwidth 17.667 MHz Freq Offset 0 Hz **Transmit Freq Error** -58.421 kHz % of OBW Power 99.00 % x dB Bandwidth 20.23 MHz -26.00 dB x dB STATUS 11AC20MIMO Ant2 5320



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08:50:47 AM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.70000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.700000000 GHz Radio Device: BTS 5.69668 GHz 8.6297 dBm Ref Offset 21.38 dB Ref 20.00 dBm 10 dB/div Center Fred 5.700000000 GHz Center 5.7 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth **Total Power** 21.0 dBm 17.535 MHz Freq Offset 0 Hz Transmit Freq Error -47.986 kHz % of OBW Power 99.00 % x dB Bandwidth 20.32 MHz -26.00 dB STATUS 11AC20MIMO_Ant1_5700 08:52:04 AM Sep 11, 2020 Radio Std: None Center Freq: 5.700000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.700000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS Mkr1 5.6986 GHz Ref Offset 21.41 dB Ref 20.00 dBm 10.015 dBm 0 dB/div Center Freq 5.700000000 GHz Center 5.7 GHz #Res BW 430 kHz Span 40 MHz CF Step **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 21.0 dBm Occupied Bandwidth 17.642 MHz Freq Offset 0 Hz **Transmit Freq Error** -48.542 kHz % of OBW Power 99.00 % x dB Bandwidth 20.12 MHz -26.00 dB x dB STATUS 11AC20MIMO Ant2 5700

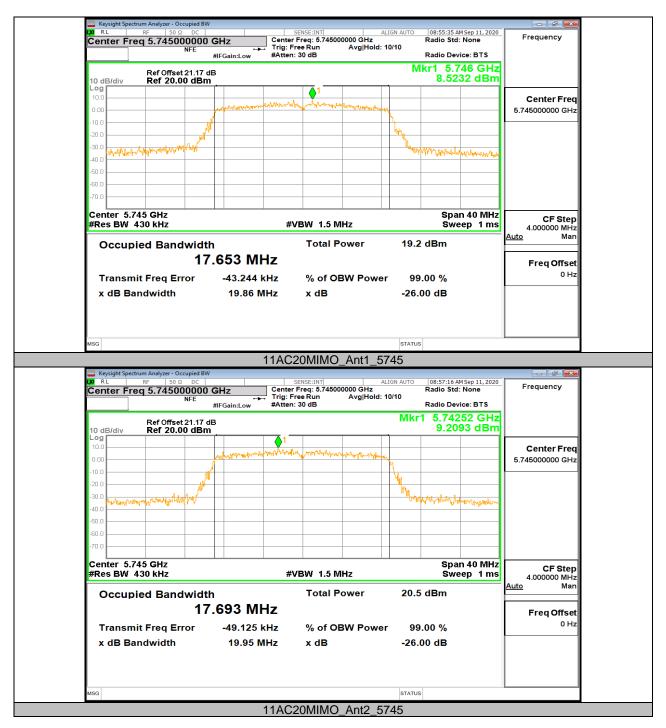


02:01:30 PM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.720000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.720000000 GHz Radio Device: BTS 5.71852 GHz 7.6498 dBm Ref Offset 21.38 dB Ref 20.00 dBm 10 dB/div Center Fred 5.720000000 GHz Mr. Townsprote Washington Center 5.72 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 20.5 dBm **Total Power** 17.696 MHz Freq Offset 0 Hz Transmit Freq Error -46.167 kHz % of OBW Power 99.00 % x dB Bandwidth 20.53 MHz -26.00 dB STATUS 11AC20MIMO Ant1_5720 02:05:55 PM Sep 11, 2020 Radio Std: None Center Freq: 5.720000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.720000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.7218 GHz 9.1707 dBm Ref Offset 21.41 dB Ref 20.00 dBm 0 dB/div Center Freq 5.720000000 GHz Center 5.72 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 20.6 dBm Occupied Bandwidth 17.713 MHz Freq Offset 0 Hz **Transmit Freq Error** -64.481 kHz % of OBW Power 99.00 % x dB Bandwidth 20.08 MHz -26.00 dB x dB STATUS

11AC20MIMO Ant2 5720



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08:59:06 AM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.78500000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.785000000 GHz Radio Device: BTS Mkr1 5.78248 GHz Ref Offset 21.17 dB Ref 20.00 dBm 6.3666 dBm 10 dB/div Center Freq 5.785000000 GHz Center 5.785 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar 18.5 dBm Occupied Bandwidth **Total Power** 17.801 MHz Freq Offset 0 Hz Transmit Freq Error -93.712 kHz 99.00 % % of OBW Power x dB Bandwidth 20.42 MHz -26.00 dB STATUS 11AC20MIMO_Ant1_5785 09:00:43 AM Sep 11, 2020 Radio Std: None Center Freq: 5.785000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.785000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.78132 GHz Ref Offset 21.17 dB Ref 20.00 dBm 8.7305 dBm 0 dB/div Center Freq 5.785000000 GHz Center 5.785 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.6 dBm Occupied Bandwidth 17.684 MHz Freq Offset 0 Hz **Transmit Freq Error** -78.425 kHz % of OBW Power 99.00 % x dB Bandwidth 20.12 MHz -26.00 dB x dB

11AC20MIMO Ant2 5785

STATUS



09:03:03 AM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.825000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.825000000 GHz Radio Device: BTS 5.82292 GHz 7.8854 dBm Ref Offset 21.17 dB Ref 20.00 dBm 10 dB/div Center Fred 5.825000000 GHz Center 5.825 GHz #Res BW 430 kHz Span 40 MHz Sweep 1 ms CF Step 4.000000 MHz **#VBW 1.5 MHz** Mar Occupied Bandwidth 19.5 dBm **Total Power** 17.660 MHz Freq Offset 0 Hz Transmit Freq Error -56.222 kHz % of OBW Power 99.00 % x dB Bandwidth 20.15 MHz -26.00 dB STATUS 11AC20MIMO Ant1_5825 09:05:03 AM Sep 11, 2020 Radio Std: None Center Freq: 5.825000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.825000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.82368 GHz Ref Offset 21.17 dB Ref 20.00 dBm 7.4718 dBm 0 dB/div Center Freq 5.825000000 GHz Center 5.825 GHz Span 40 MHz CF Step #Res BW 430 kHz **#VBW 1.5 MHz** Sweep 1 ms 4.000000 MHz Total Power 19.5 dBm Occupied Bandwidth 17.660 MHz Freq Offset 0 Hz -50.900 kHz **Transmit Freq Error** % of OBW Power 99.00 % x dB Bandwidth 20.49 MHz -26.00 dB x dB STATUS 11AC20MIMO Ant2 5825



SENSE:INT ALIGN AUT
Center Freq: 5.190000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.190000000 GHz Radio Device: BTS 5.18632 GHz Ref Offset 21.27 dB Ref 20.00 dBm 5.8363 dBm 10 dB/div Center Fred 5.190000000 GHz Center 5.19 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar 18.3 dBm Occupied Bandwidth **Total Power** 36.112 MHz Freq Offset 0 Hz Transmit Freq Error -65.210 kHz % of OBW Power 99.00 % x dB Bandwidth 40.35 MHz -26.00 dB STATUS 11AC40MIMO_Ant1_5190 10:59:24 AM Sep 11, 2020 Radio Std: None Center Freq: 5.190000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.190000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.18384 GHz Ref Offset 21.28 dB Ref 20.00 dBm 7.0760 dBm 0 dB/div Center Freq 5.190000000 GHz Center 5.19 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 18.4 dBm Occupied Bandwidth 36.005 MHz Freq Offset 0 Hz **Transmit Freq Error** -71.412 kHz % of OBW Power 99.00 % x dB Bandwidth 40.10 MHz -26.00 dB x dB STATUS 11AC40MIMO Ant2 5190



SENSE:INT ALIGN AUT
Center Freq: 5.230000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.230000000 GHz Radio Device: BTS 5.22848 GHz Ref Offset 21.27 dB Ref 20.00 dBm 5.0553 dBm 10 dB/div Center Fred 5.230000000 GHz HANGE TANK TO PARTY THE PA Center 5.23 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar Occupied Bandwidth **Total Power** 17.6 dBm 36.077 MHz Freq Offset 0 Hz Transmit Freq Error -78.652 kHz 99.00 % % of OBW Power x dB Bandwidth 39.98 MHz -26.00 dB STATUS 11AC40MIMO Ant1_5230 11:03:36 AM Sep 11, 2020 Radio Std: None Center Freq: 5.230000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.230000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.22848 GHz Ref Offset 21.26 dB Ref 20.00 dBm 7.4676 dBm 0 dB/div Center Freq 5.230000000 GHz Center 5.23 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Occupied Bandwidth Total Power 18.7 dBm 35.944 MHz Freq Offset 0 Hz **Transmit Freq Error** 8.776 kHz % of OBW Power 99.00 % x dB Bandwidth 40.55 MHz -26.00 dB x dB STATUS 11AC40MIMO Ant2 5230



x dB Bandwidth

40.08 MHz

x dB

11AC40MIMO Ant2 5270

12:18:53 PM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.270000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.270000000 GHz Radio Device: BTS 5.26824 GHz Ref Offset 21.27 dB Ref 20.00 dBm 9.9542 dBm 10 dB/div Center Fred 5.270000000 GHz Center 5.27 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar Occupied Bandwidth **Total Power** 22.4 dBm 36.031 MHz Freq Offset 0 Hz Transmit Freq Error -19.165 kHz 99.00 % % of OBW Power x dB Bandwidth 40.18 MHz -26.00 dB STATUS 11AC40MIMO_Ant1_5270 12:20:29 PM Sep 11, 2020 Radio Std: None Center Freq: 5.270000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.270000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.26712 GHz 10.901 dBm Ref Offset 21.26 dB Ref 20.00 dBm 0 dB/div Center Freq 5.270000000 GHz Center 5.27 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 22.5 dBm Occupied Bandwidth 36.042 MHz Freq Offset 0 Hz **Transmit Freq Error** -113.43 kHz % of OBW Power 99.00 %

-26.00 dB

STATUS



12:22:36 PM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.310000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.310000000 GHz Radio Device: BTS 5.30776 GHz Ref Offset 21.27 dB Ref 20.00 dBm 9.0852 dBm 10 dB/div Center Fred 5.310000000 GHz Center 5.31 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar Occupied Bandwidth **Total Power** 21.3 dBm 35.930 MHz Freq Offset 0 Hz Transmit Freq Error -38.146 kHz 99.00 % % of OBW Power x dB Bandwidth 39.87 MHz -26.00 dB STATUS 11AC40MIMO_Ant1_5310 12:23:58 PM Sep 11, 2020 Radio Std: None Center Freq: 5.310000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.310000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.30552 GHz Ref Offset 21.26 dB Ref 20.00 dBm 9.5900 dBm 0 dB/div Center Freq 5.310000000 GHz Center 5.31 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 21.8 dBm Occupied Bandwidth 35.908 MHz Freq Offset 0 Hz **Transmit Freq Error** -118.20 kHz % of OBW Power 99.00 % x dB Bandwidth 40.82 MHz -26.00 dB x dB

11AC40MIMO Ant2 5310

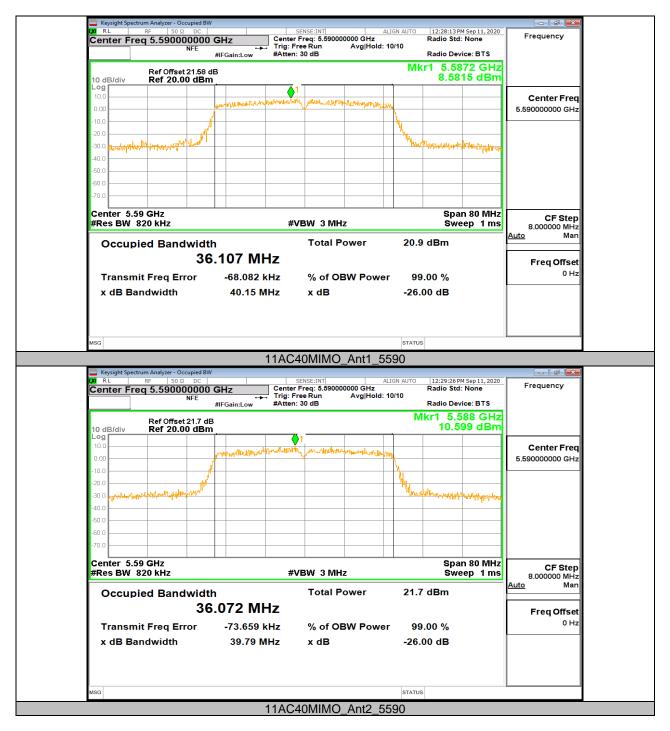
STATUS



12:25:28 PM Sep 11, 2020 Radio Std: None Frequency Center Freg 5.510000000 GHz Radio Device: BTS 5.51256 GHz 7.3851 dBm Ref Offset 21.28 dB Ref 20.00 dBm 10 dB/div Center Fred 5.510000000 GHz Center 5.51 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar Occupied Bandwidth **Total Power** 19.9 dBm 36.120 MHz Freq Offset 0 Hz Transmit Freq Error -24.841 kHz % of OBW Power 99.00 % x dB Bandwidth 40.24 MHz -26.00 dB STATUS 11AC40MIMO_Ant1_5510 12:26:43 PM Sep 11, 2020 Radio Std: None Center Freq: 5.510000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.510000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.50072 GHz Ref Offset 21.29 dB Ref 20.00 dBm 7.6898 dBm 0 dB/div Center Freq 5.510000000 GHz Center 5.51 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 20.2 dBm Occupied Bandwidth 35.871 MHz Freq Offset 0 Hz **Transmit Freq Error** -14.271 kHz % of OBW Power 99.00 % x dB Bandwidth 40.47 MHz -26.00 dB x dB STATUS 11AC40MIMO Ant2 5510



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12:30:51 PM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.67000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freg 5.670000000 GHz Radio Device: BTS 5.66456 GHz 8.5571 dBm Ref Offset 21.38 dB Ref 20.00 dBm 10 dB/div Center Fred 5.670000000 GHz Center 5.67 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar **Occupied Bandwidth Total Power** 21.5 dBm 36.176 MHz Freq Offset 0 Hz Transmit Freq Error -82.131 kHz % of OBW Power 99.00 % x dB Bandwidth 40.50 MHz -26.00 dB STATUS 11AC40MIMO_Ant1_5670 12:32:06 PM Sep 11, 2020 Radio Std: None Center Freq: 5.670000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.670000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.67224 GHz 9.4484 dBm Ref Offset 21.41 dB Ref 20.00 dBm 0 dB/div Center Freq 5.670000000 GHz Center 5.67 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 21.9 dBm Occupied Bandwidth 36.184 MHz Freq Offset 0 Hz **Transmit Freq Error** -78.224 kHz % of OBW Power 99.00 % x dB Bandwidth 40.88 MHz -26.00 dB x dB STATUS 11AC40MIMO Ant2 5670



02:20:08 PM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
| Center Freq: 5.710000000 GHz
| Trig: Free Run Avg|Hold: 10/10 |
| #Atten: 30 dB | Frequency Center Freg 5.710000000 GHz Radio Device: BTS Mkr1 5.708 GHz 9.6200 dBm Ref Offset 21.38 dB Ref 20.00 dBm 10 dB/div Center Freq 5.710000000 GHz Center 5.71 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar **Occupied Bandwidth Total Power** 22.2 dBm 35.999 MHz Freq Offset 0 Hz Transmit Freq Error -57.721 kHz 99.00 % % of OBW Power x dB Bandwidth 40.57 MHz -26.00 dB STATUS 11AC40MIMO_Ant1_5710 02:22:25 PM Sep 11, 2020 Radio Std: None Center Freq: 5.710000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.710000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.71216 GHz Ref Offset 21.41 dB Ref 20.00 dBm 10.332 dBm 0 dB/div Center Freq 5.710000000 GHz Center 5.71 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 21.9 dBm Occupied Bandwidth 36.300 MHz Freq Offset 0 Hz **Transmit Freq Error** -57.005 kHz % of OBW Power 99.00 % x dB Bandwidth 39.97 MHz -26.00 dB x dB STATUS

11AC40MIMO Ant2 5710



12:34:23 PM Sep 11, 2020 Radio Std: None | SENSE:INT| ALIGN A
Center Freq: 5.755000000 GHz
Trig: Free Run Avg|Hold: 10/10
#Atten: 30 dB Frequency Center Freq 5.755000000 GHz Radio Device: BTS 5.75652 GHz Ref Offset 21.17 dB Ref 20.00 dBm 8.1808 dBm 10 dB/div Center Freq 5.755000000 GHz Center 5.755 GHz #Res BW 820 kHz Span 80 MHz Sweep 1 ms CF Step 8.000000 MHz #VBW 3 MHz Mar **Occupied Bandwidth Total Power** 20.7 dBm 36.112 MHz Freq Offset 0 Hz Transmit Freq Error -48.747 kHz % of OBW Power 99.00 % x dB Bandwidth 40.20 MHz -26.00 dB STATUS 11AC40MIMO Ant1_5755 12:36:39 PM Sep 11, 2020 Radio Std: None Center Freq: 5.755000000 GHz
Trig: Free Run Avg|Hol
#Atten: 30 dB Frequency Center Freq 5.755000000 GHz Avg|Hold: 10/10 #IFGain:Low Radio Device: BTS 5.75788 GHz Ref Offset 21.17 dB Ref 20.00 dBm 10.167 dBm 0 dB/div Center Freq 5.755000000 GHz Span 80 MHz CF Step #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms 8.000000 MHz Total Power 21.9 dBm Occupied Bandwidth 36.082 MHz Freq Offset 0 Hz **Transmit Freq Error** -75.265 kHz % of OBW Power 99.00 % x dB Bandwidth 40.74 MHz -26.00 dB x dB STATUS 11AC40MIMO Ant2 5755