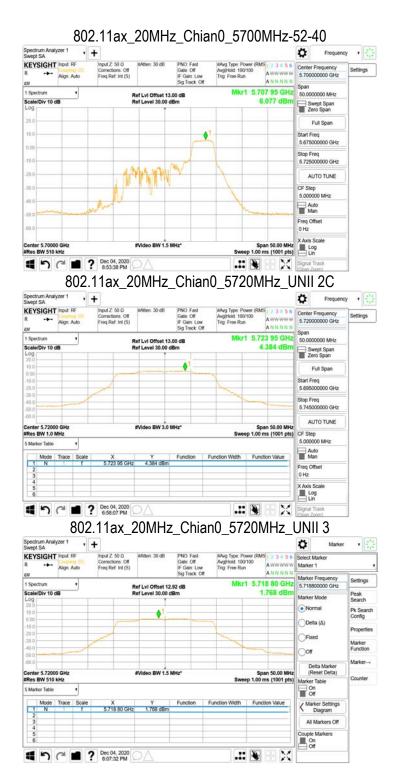
802.11ax 20MHz Chian0 5745MHz-5745





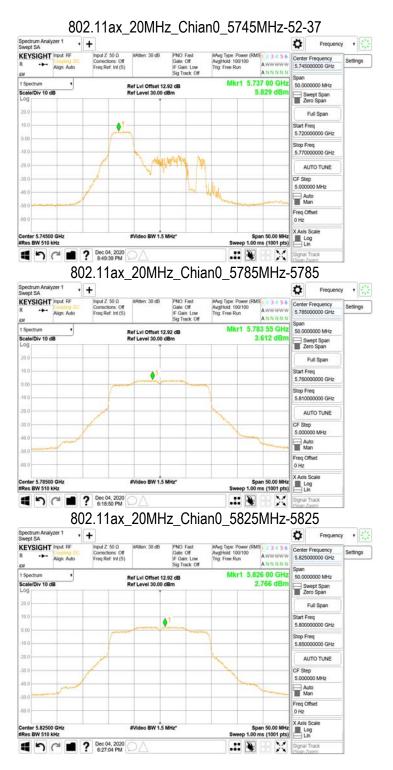
Spectrum Analyzer Swept SA . Ö Marker · + put Z 50 Ω prections: Off eq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input R Select Ma Marker 1 AWWWW Align: Auto DU Marker Fre Settings 5.742 35 GHz 1 Spec Ref Lvi Offset 12.92 dB Ref Level 30.00 dBm 5.742350000 GH Scale/Div 10 dE 3.799 0 Peak Search Marker Mode .09 Normal Pk Search Config Detta (A) ٠ Fixed Marker Function Oor larker-Delta Marke (Reset Delta Marker T On Off K Marker Settings Diagram All Markers Off r 5 74500 G Span 50.00 MHz Sweep 1.00 ms (1001 pts) Center 5.74500 GH #Res BW 510 kHz 1 5 C 1 2020 6:16:14 PM .:: 🕃 🗄 🗙 802.11ax 20MHz Chian0 5745MHz-106-53 Spectrum Analyzer 1 Swept SA Ö Frequency . · + KEYSIGHT Input RF PNO Fast Gate Off IF Gain Low #Avg Type: Po Avg[Hold: 100/ Trig: Free Run Center Frequency 5.745000000 GHz Corrections: Off Freq Ref. Int (S) Settings AWWWWW Align: Auto Mkr1 5.741 35 GHz 50.0000000 MHz Ref Lvi Offset 12.92 dB Scale/Div 10 dB 3.21 Swept Span Zero Span Full Span Start Freq 5.720000 ٥ OD GH Stop Freq 5.770000000 GHz AUTO TUNE CF Step 5.000000 MHz Auto Man Freq Offse 0 Hz Span 50.00 MHz Sweep 1.00 ms (1001 pts) Video BW 1.5 MHz Center 5.74500 GH #Res BW 510 kHz € 5 C ■ ? Dec 04, 2020 8:48:00 PM 802.11ax_20MHz_Chian0_5745MHz-26-0 Spectrum Analyzer 1 Swept SA ¢ Frequency + · + #Avg Type: Power Avg[Hold: 100/100 Trig: Free Run KEYSIGHT Input RF out 7 50 0 PNO Fast Gate Off Center Frequency 5.745000000 GHz Corrections: Off Freq Ref. Int (S) Settings AWWWW -Mkr1 5.736 65 GHz 1 Spectrum 50.0000000 MHz Ref Lvi Offset 12.92 dE Scale/Div 10 dB 3 989 Swept Span Zero Span Full Span art Fred ٥ 5.720000000 GH Stop Freq 5.770000000 GHz 140 AUTO TUNE CF Step 5.000000 MH Auto Man Freq Offse 0 Hz V Avia R Center 5.74500 G #Res BW 510 kHz Span 50.00 MHz Sweep 1.00 ms (1001 pts) E C C E ? Dec 04, 2020 .:: 😵 Signal Tra

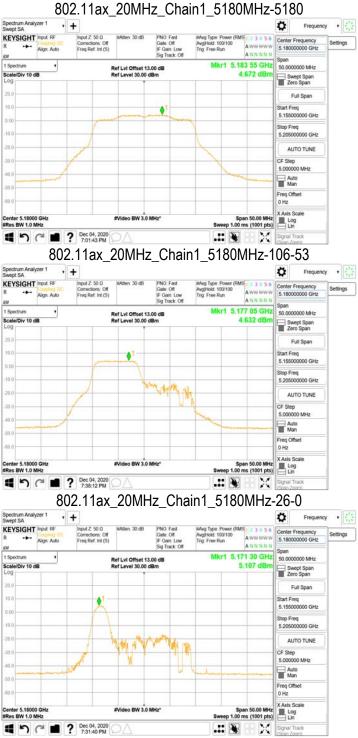
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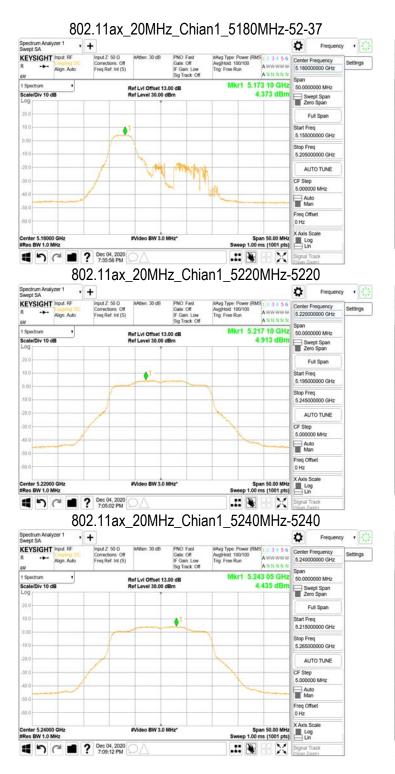


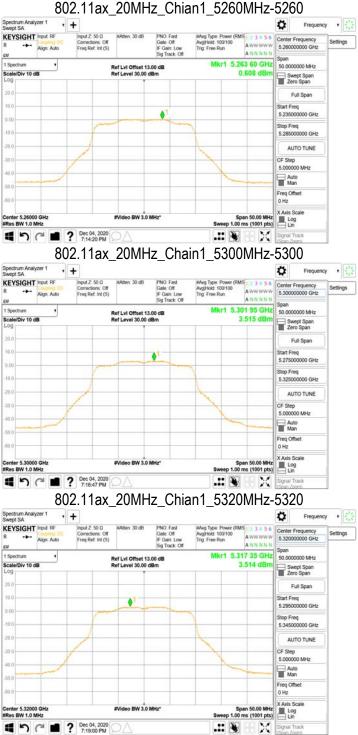


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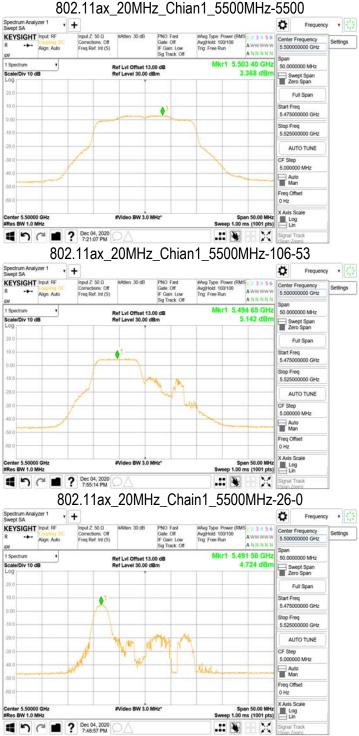


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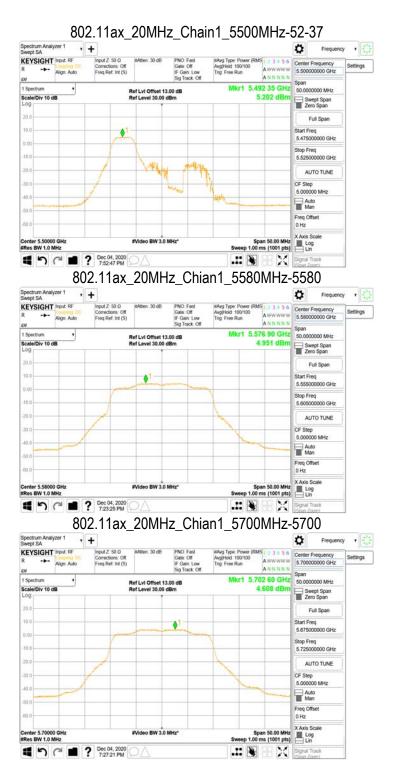




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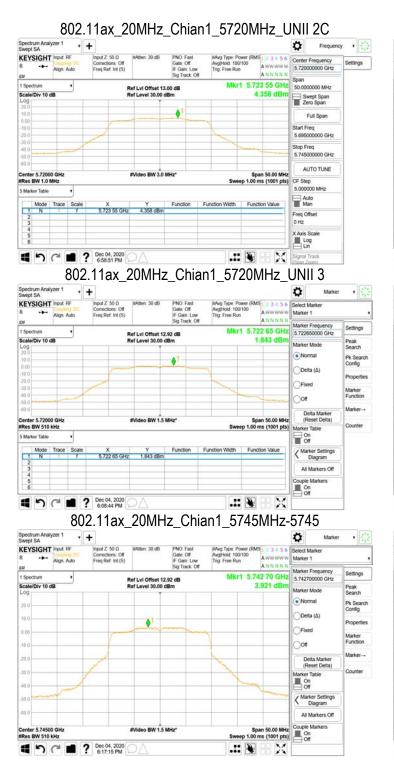
802.11ax 20MHz Chian1 5700MHz-106-54 Spectrum Analyz Swept SA · + Ö Frequency + put Z: 50 Ω prrections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input R Atten: 30 dB Center Frequency 5.700000000 GHz Settings AWWWW Align: Auto DU 5.705 20 GHz 1 Spei Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm 50.0000000 MHz Scale/Div 10 di 3.655 d Swept Span Zero Span og Full Span art Freq 5.675000000 GH Stop Freq 5.725000000 GHz AUTO TUNE CF Step 5.000000 MHz Auto Man Freq Offse 0 Hz 50 00 MH r 5 70000 Span 50.00 MHz Log Sweep 1.00 ms (1001 pts) #Res BW 1.0 MHz € 5 C ■ ? Dec 04, 2020 8.01:38 PM Signal Track 802.11ax 20MHz Chian1 5700MHz-26-8 Spectrum Analyzer 1 Swent SA Ö Frequency + · + KEYSIGHT Input RF PNO: Fast Gate: Off IF Gain: Low Sin Track: Of Center Frequency 5.700000000 GHz Avg/Hold 100/ Trig: Free Run Corrections Off Freq Ref. Int (S) Settings AWWWWW Align: Auto kr1 5,708 35 GHz Span 50.0000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 5.675000 OD GH ٠ Stop Freq 5.725000000 GHz AUTO TUNE CF Step 5.000000 MHz Auto Man Freq Offse 0 Hz Span 50.00 MHz Sweep 1.00 ms (1001 pts) Center 5.70000 GH #Res BW 1.0 MHz E 5 C I 2020 7:57:32 PM Signal Tr 802.11ax_20MHz_Chian1_5700MHz-52-40 Spectrum Analyzer Swept SA ø . Frequency PNO Fast Gate Off IF Gain Lo Sig Track KEYSIGHT Input RF wt 7 50 0 Center Frequency 5.70000000 GHz Corrections: Off Freq Ref. Int (S) Avg|Hold 100/100 Trig Free Run Settings AWWWW -Mkr1 5,707 80 GHz 1 Spectrum 50.0000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB 5 903 c Swept Span Zero Span Full Span ٠ art Fred 5.675000000 GHz Stop Freq 5.725000000 GHz AUTO TUNE CF Step 5.000000 MH; Auto Man Freq Offse 0 Hz Span 50.00 MHz Sweep 1.00 ms (1001 pts) V Avia C Center 5.70000 GH #Res BW 510 kHz 1 5 C 1 2 2020 States 7 PM Signal Tra

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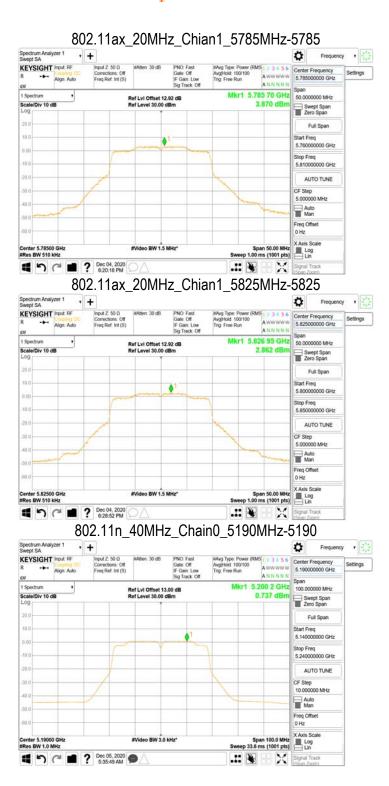
802.11ax 20MHz Chian1 5745MHz-106-53 Spectrum Analyzer 1 Swept SA Ö Frequency • · + put Z 50 Ω prrections: Off eq Ref. Int (S) KEYSIGHT Input R PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Atten: 30 dB Center Frequency 5.745000000 GHz Settings Align: Auto AWWWW DU 5.739 85 GHz 1 Spec Ref Lvi Offset 12.92 dB Ref Level 30.00 dBm 50.0000000 MHz Scale/Div 10 dE 3,180 0 Swept Span Zero Span og Full Span art Freq 5.720000000 GHz Stop Freq 5.770000000 GHz WAY. AUTO TUNE CF Step 5.000000 MHz Auto Man Freq Offse 0 Hz r 5 74500 G Span 50.00 MHz Log Sweep 1.00 ms (1001 pts) Center 5.74500 GH #Res BW 510 kHz 1 5 C 1 2 2020 8:48:39 PM Signal Track 802.11ax 20MHz Chian1 5745MHz-26-0 Spectrum Analyzer 1 Swept SA Ö Frequency . · + PNO Fast Gate Off IF Gain Low KEYSIGHT Input RF Center Frequency 5.745000000 GHz #Avg Type: Po Avg|Hold: 100/ Trig: Free Run Corrections: Off Freq Ref. Int (S) Settings AWWWWW Align: Auto DU Mkr1 5,736 70 GHz 50.0000000 MHz Ref Lvi Offset 12.92 dB Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 5.720000 0 OD GH Stop Freq 5.770000000 GHz AUTO TUNE CF Step 5.000000 MHz Auto Man Freq Offse 0 Hz Span 50.00 MHz Sweep 1.00 ms (1001 pts) Center 5.74500 GH #Res BW 510 kHz Video BW 1.5 MH € 5 C ■ ? Dec 04, 2020 8:52:09 PM Signal Tra 802.11ax_20MHz_Chian1_5745MHz-52-37 Spectrum Analyzer Swept SA ø Frequency + #Avg Type: Power Avg[Hold: 100/100 Trig: Free Run KEYSIGHT Input RF out 7 50 0 PNO: Fast Gate: Off Center Frequency 5.745000000 GHz Corrections: Off Freq Ref: Int (S) Settings AWWWW -Align: Auto Mkr1 5.736 75 GHz 1 Spectrum 50.0000000 MHz Ref Lvi Offset 12.92 dE Scale/Div 10 dB 5 232 0 Swept Span Zero Span Full Span • art Fred 5.720000000 GHz Stop Freq 5.770000000 GHz M AUTO TUNE CF Step 5.000000 MH Auto Man Freq Offse 0 Hz V Avia D Center 5.74500 G #Res BW 510 kHz Span 50.00 MHz Sweep 1.00 ms (1001 pts) E C C E ? Dec 04, 2020 8:50:20 PM .:: 😵 Signal Tra

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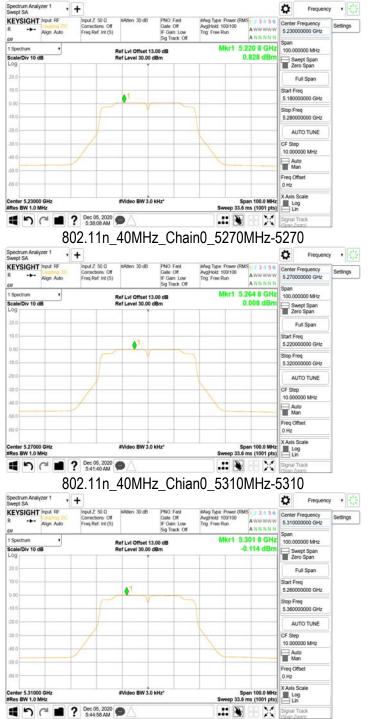
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802.11n_40MHz_Chian0_5230MHz-5230

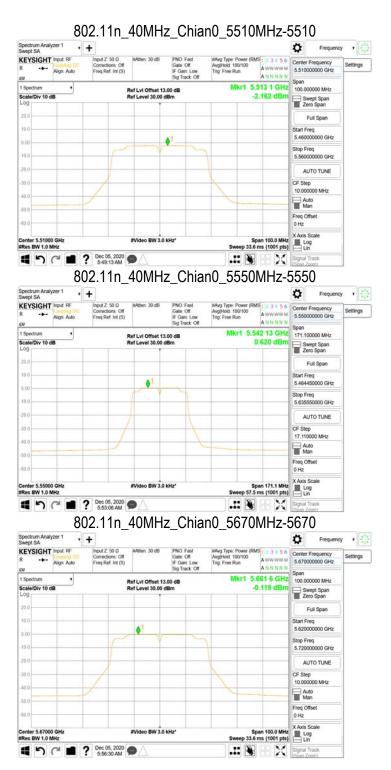


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802.11n 40MHz Chian0 5710MHz UNII 2C Spectrum Analyze Swept SA · + Ö Frequency + out Z 50 Ω mections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Of KEYSIGHT Input R Center Frequency 5.710000000 GHz Settings Align: Auto AWWWW DU 5.717 6 GHz 1 Spect Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm 100.000000 MHz Scale/Div 10 dE -0.163 c Swept Span Zero Span Full Span 0 lart Freq 5.66000000 GHz Stop Freq 5.76000000 GHz AUTO TUNE Center 5.71000 G #Res BW 1.0 MHz Video BW 3.0 kHz 100.0 M ep 33.6 ms (1001 pts) CF Stee 10.000000 MHz 5 Marker Table Auto Man Mode Trace Scale Function Width Function Value X Y 5.717 6 GHz -0.1634 dBm Freq Offse 0 Hz X Axis Scale ■ つ C ■ ? Dec 05, 2020 .:: 💘 Signal Track 802.11n 40MHz Chian0 5710MHz UNII 3 Spectrum Analyzer Ö . 24 · + KEYSIGHT Input RF PNO: Fast Gate: Off IF Gain: Low Circ Track: Of #Avg Type: Po Avg|Hold 100/ Trig: Free Run ower (RMS) V100 Res BW 510 kHz Corrections: Off Freq Ref. Int (S) Settings AWWWWW Align: Auto Auto Man Mkr1 5,707 6 GHz Ref Lvi Offset 12.92 dB Ref Level 30.00 dBm Scale/Div 10 dB -2.150 eo BW 1.5 MHz Auto Man VBW:3 dB RBW 0.1 Auto Man Span:3 dB RBV 106 Center 5.71000 GH #Res BW 510 kHz #Video BW 1.5 MHz Span 100.0 MHz Sweep 1.00 ms (1001 pts) Auto Man RBW Filter Typ Gaussian Mode Trace Scale Function Function Width Function Value 5.707 6 GHz -2.150 dBm **RBW Filter BW** -3 dB (Normal .:: 🕃 🗄 🗙 802.11n_40MHz_Chian0_5755MHz-5755 Spectrum Analyzer Swept SA ø Frequency + · + KEYSIGHT Input RF out 7 50 0 PNO Fast Gate Off Center Frequency 5.755000000 GHz Corrections: Off Freq Ref: Int (S) Avg|Hold: 100/100 Trig: Free Run Settings AWWWW -Mkr1 5,766 1 GHz 1 Spectrum 100.000000 MHz Ref Lvi Offset 12.92 dB Scale/Div 10 dB -1 045 c Swept Span Zero Span Full Span art Fred 5.705000000 GHz ٥ Stop Freq 5.805000000 GHz AUTO TUNE CF Step 10.000000 MH Auto Man Freq Offse 0 H V Avia D Center 5.75500 G #Res BW 510 kHz Span 100.0 MHz Sweep 1.00 ms (1001 pts) € 5 C^a ■ ? Dec 05, 2020

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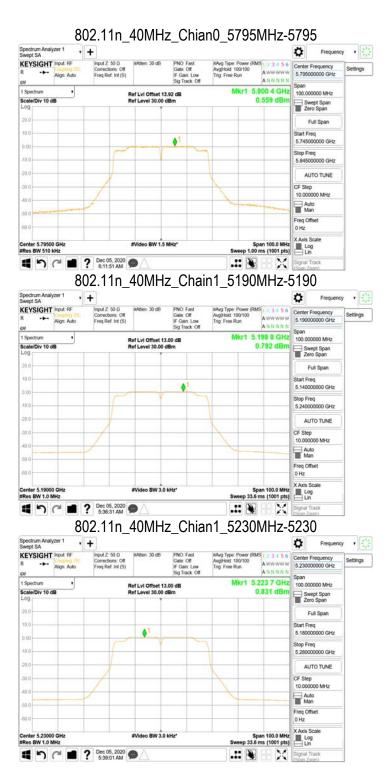
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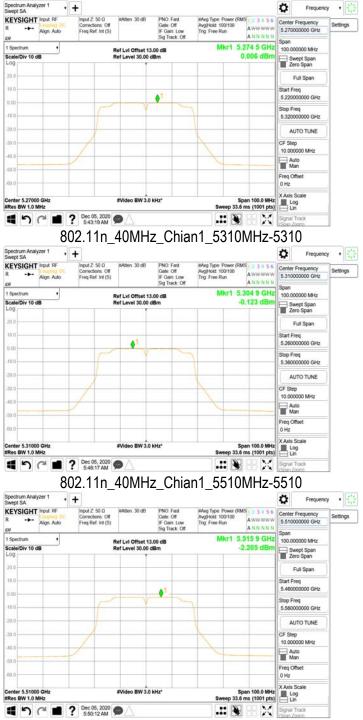
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Signal Tra





802.11n_40MHz_Chain1_5270MHz-5270

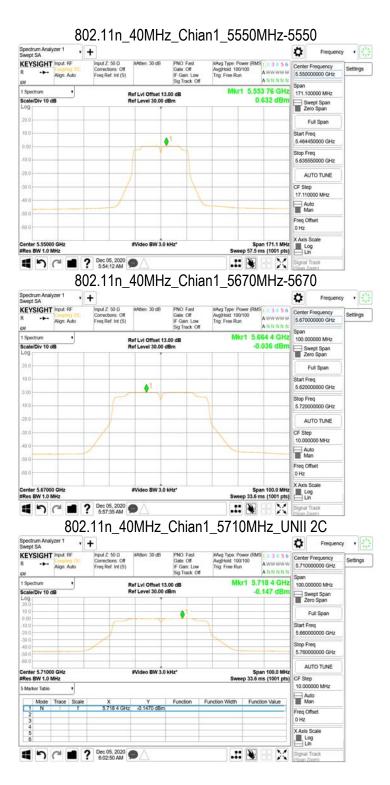


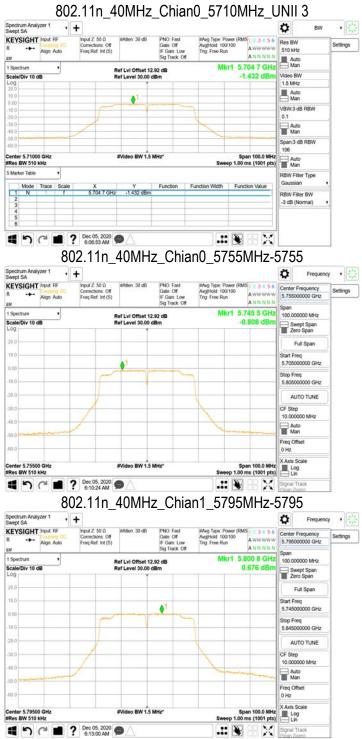
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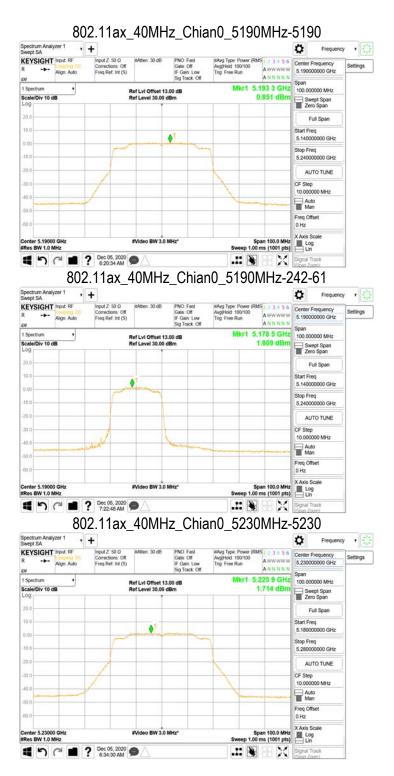






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802.11ax 40MHz Chian0 5270MHz-5270 Spectrum Analyzer Swept SA ¢ Frequency + · + put Z: 50 Ω prrections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input R Center Frequency 5.270000000 GHz Settings AWWWW Align: Auto DU 5.265 6 GHz 1 Spei Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm 100.000000 MHz Scale/Div 10 dB 0.754 d Swept Span Zero Span .09 Full Span art Freq 5.220000000 GHz ٥ Stop Freq 5.320000000 GHz AUTO TUNE CF Step 10.000000 MHz Auto Man Freq Offse 0 Hz 100 0 MH r 5.27000 Span 100.0 MHz Sweep 1.00 ms (1001 pts) #Res BW 1.0 MHz € 5 C² ■ ? Dec 05, 2020 ● Signal Track 802.11ax 40MHz Chain0 5310MHz-5310 Spectrum Analyzer 1 Swent SA Ö Frequency + · + KEYSIGHT Input RF PNO Fast Gate Off IF Gain Low ConTrack Of Center Frequency 5.310000000 GHz Avg/Hold 100/ Trig: Free Run Corrections: Off Freq Ref. Int (S) Settings AWWWW Align: Auto Span 100.000000 MHz kr1 5.313 8 GHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 5.260000 ٥ OD GH Stop Freq 5.36000000 GHz AUTO TUNE CF Step 10.000000 MHz Auto Man Freq Offse 0 Hz Span 100.0 MHz Sweep 1.00 ms (1001 pts) Video BW 3.0 MH 5.310 Center 5.31000 GH #Res BW 1.0 MHz ■ ? C^a ■ ? Dec 05, 2020 ● 6:41:45 AM ● Signal Tra 802.11ax_40MHz_Chian0_5310MHz-242-62 Spectrum Analyzer Swept SA ¢ . Frequency PNO Fast Gate Off IF Gain Lo Sig Track KEYSIGHT Input RF wt 7 50 0 er (RMS) Center Freque 5.310000000 GHz Corrections: Off req Ref. Int (S) Avg|Hold 100/100 Trig Free Run Settings AWWWWW -Mkr1 5.322 4 GHz 1 Spectrum 100.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB 3 680 c Swept Span Zero Span Full Span art Fred ٠ 5.26000000 GHz Stop Freq 5.36000000 GHz AUTO TUNE CF Step 10.000000 MH Auto Man Freq Offse 0 Hz V Avia C Span 100.0 MHz Sweep 1.00 ms (1001 pts) Center 5.31000 G #Res BW 1.0 MH 1 5 C 1 2 2020 9 Signal Tra

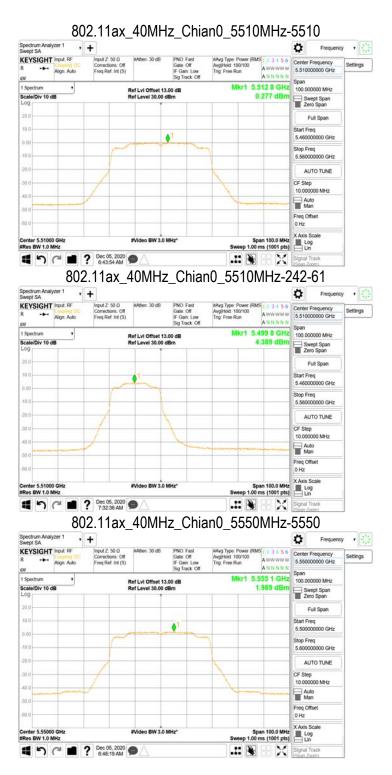
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Settings





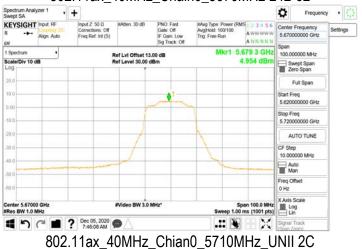
802.11ax 40MHz Chian0 5670MHz-5670 Spectrum Analyzer Swept SA ¢ Frequency + · + put Z: 50 Ω prrections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input R Center Frequency 5.67000000 GHz AWWWW Align: Auto 5.661 7 GHz Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm 100.000000 MHz Scale/Div 10 dE 1.458 0

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1 Spei



802.11ax 40MHz Chain0 5670MHz-242-62



Spectrum Analyzer 1 Swept SA ¢ - 64 · + Marker KEYSIGHT Input RF wt 7 50 0 PNO: Fast Gate: Off MOME. Select M eq Ref. Int (S) Avg|Hold 100/100 Trig Free Run AWWWW -Align: Auto Marker 1 5.705300000 GHz Settings Mkr1 5.705 3 GHz 1 Spectrum Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm Scale/Div 10 dB 1.591 d Peak Search Normal Pk Search Config Delta (A) Propertie Fixed Marker Function Oot Delta Marke (Reset Delta Center 5.71000 #Res BW 1.0 M 5 Marker Table On Mode Trace Sca Function Width Function Value Function K Marker Settings Diagram 5.705 3 GHz 1.591 dBm All Markers Off On Of 1 5 C 1 2 C 05, 2020 .:: 🖹 🗄 🗙

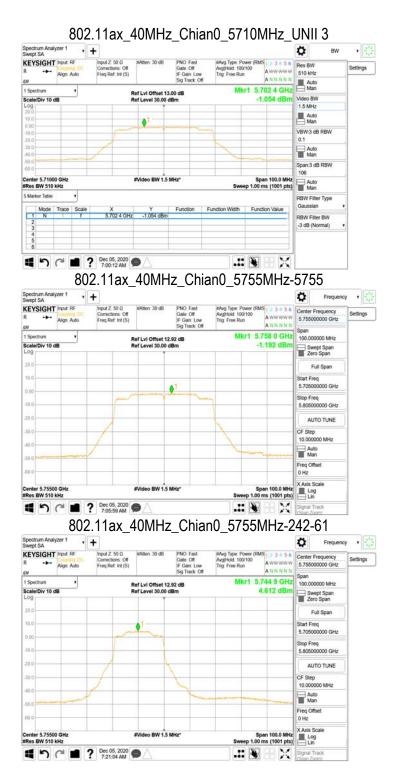
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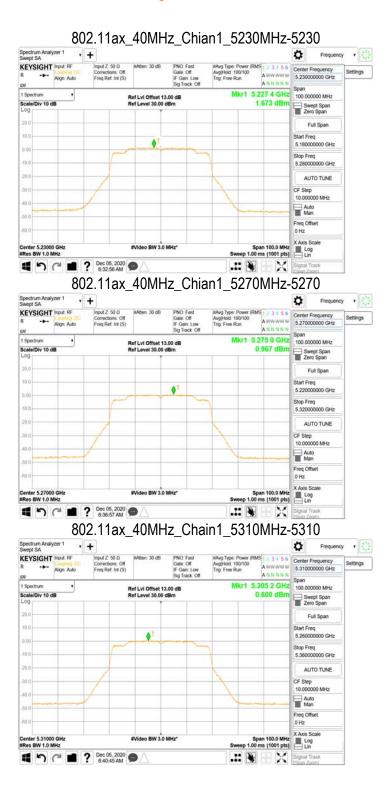
802.11ax 40MHz Chian0 5795MHz-5795 Spectrum Analyzer 1 Swept SA Ö Frequency + · + put Z 50 Ω prections: Off eq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Of KEYSIGHT Input R Center Frequency 5.795000000 GHz Settings AWWWW Align: Auto D0 5.793 1 GHz 1 Spec Ref Lvi Offset 12.92 dB Ref Level 30.00 dBm 100.000000 MHz Scale/Div 10 dE -0.966 Swept Span Zero Span .09 Full Span art Freq 5.745000000 GHz ١ Stop Freq 5.845000000 GHz AUTO TUNE CF Step 10.000000 MHz Auto Man Freq Offse 0 Hz 100.0 MH 5 79500 0 Span 100.0 MHz Sweep 1.00 ms (1001 pts) Center 5.79500 GH #Res BW 510 kHz C
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 Signal Track 802.11ax 40MHz Chian1 5190MHz-5190 Spectrum Analyzer 1 Swept SA Ö Frequency + · + KEYSIGHT Input RF PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Center Frequency 5.190000000 GHz Corrections Off Freq Ref. Int (S) Avg/Hold 100/ Trig: Free Run Settings AWWWWW Align: Auto r1 5,185 5 GHz Span 100.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB 0.816 Swept Span Zero Span Full Span Start Freq 5.140000 é OD GH Stop Freq 5.240000000 GHz AUTO TUNE CF Step 10.000000 MHz Auto Man Freq Offset 0 Hz Span 100.0 MHz Sweep 1.00 ms (1001 pts) Video BW 3.0 MH Center 5.19000 GH #Res BW 1.0 MHz C
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 Signal Tra 802.11ax_40MHz_Chian1_5190MHz-242-61 Spectrum Analyzer Swept SA ¢ Frequency + PNO Fast Gate Off IF Gain Lo Sig Track KEYSIGHT Input RF wt 7 50 0 MAva Type: Power (RMS) Center Frequency 5.19000000 GHz Corrections: Off req Ref. Int (S) Avg|Hold 100/100 Trig Free Run Settings AWWWWW -Align: Auto Mkr1 5.178 1 GHz 1 Spectrum 100.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB 1.8 Swept Span Zero Span Full Span art Fred 5.140000000 GHz Stop Freq 5.240000000 GHz AUTO TUNE CF Step 10.000000 MHz Auto Man Freq Offse 0 Hz V Avia C Span 100.0 MHz Sweep 1.00 ms (1001 pts) Center 5.19000 #Res BW 1.0 MH 1 5 C 1 2 2020 9 Signal Tra

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802.11ax_40MHz_Chian1_5310MHz-242-62

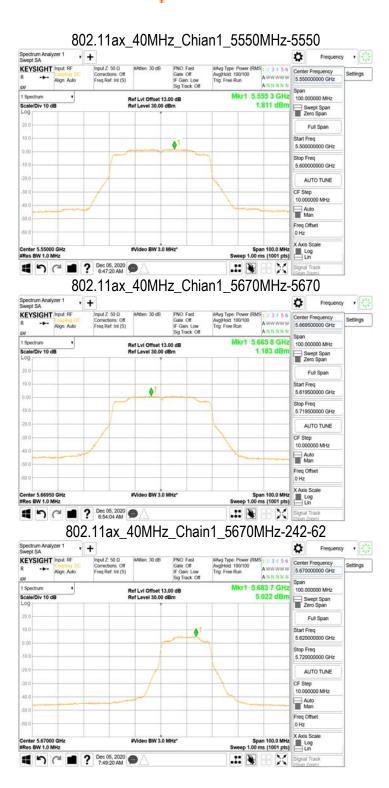


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802.11ax 40MHz Chian1 5710MHz UNII 2C Spectrum Analy Swept SA . Ö · + Marker KEYSIGHT Input R put Z: 50 Ω prrections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Of + Align: Auto AWWWW DU Marker Fre Settings 5.715 9 GHz 1 Spect Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm 5.715900000 GH Scale/Div 10 dB 1.652 d Peak Search Marker Mode Normal Pk Seard Config ٥ Delta (Δ) Fixed Marker Function Oot arker-Delta Marke (Reset Delta Center 5.71000 G #Res BW 1.0 MHz BW 30 MH 100.0 MH to 1.00 ms (1001 pts) 5 Marker Table On Marker Settings Diagram Mode Trace Scale Function Width Function Value < X 5.715 9 GHz 1.652 dBm All Markers Off Couple Markers ■ つ C ■ ? Dec 05, 2020 ● .:: 😵 X 802.11ax 40MHz Chian1 5710MHz UNII 3 rum Analyze Ö . · + KEYSIGHT Input RF PNO Fast Gate Off IF Gain Low Sin Track O ower (RMS) 100 Res BW 510 kHz Avg/Hold 100/ Trig Free Run Corrections Off Freq Ref. Int (S) Settings AWWWWW ANNNN Align: Auto Auto Man r1 5,714 9 GHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB 1.317 /ideo BW 1.5 MHz Auto Man ٥ VBW:3 dB RBW 0.1 Auto Man Span:3 dB RBV 106 Center 5.71000 GH #Res BW 510 kHz #Video BW 1.5 MHz Span 100.0 MHz Sweep 1.00 ms (1001 pts) Auto Man RBW Filter Typ Gaussian Mode Trace Scale Function Function Width Function Value 5.714 9 GHz -1.317 dBm RBW Filter BW -3 dB (Normal) C ■ ? Dec 05, 2020
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 P .:: 🖹 🗄 🗙 802.11ax_40MHz_Chian1_5755MHz-5755 Spectrum Analyzer Swept SA ø Frequency + • + KEYSIGHT Input RF Input 7 50 0 PNO Fast Gate Off Center Frequency 5.755000000 GHz Corrections: Off Freq Ref: Int (S) Avg|Hold: 100/100 Trig: Free Run Settings AWWWW -+-Mkr1 5,752 4 GHz 1 Spectrum 100.000000 MHz Ref Lvi Offset 12.92 dE Scale/Div 10 dB -0.971 c Swept Span Zero Span Full Span art Fred 5.705000000 GHz Stop Freq 5.805000000 GHz AUTO TUNE CF Step 10.000000 MH Auto Man Freq Offse 0 Hz V Avia D Center 5.75500 G #Res BW 510 kHz Span 100.0 MHz Sweep 1.00 ms (1001 pts)

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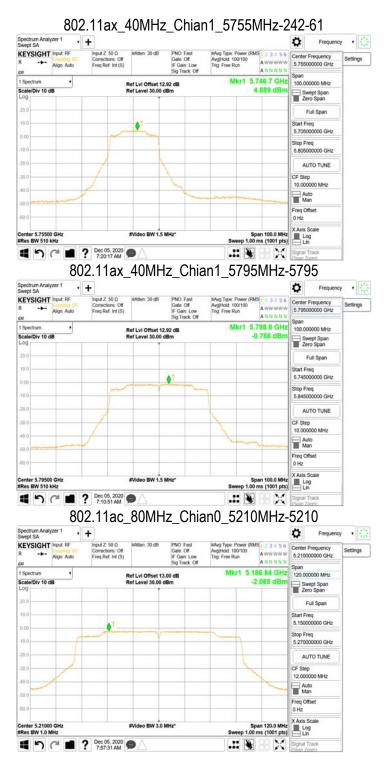
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 f (886-2) 2298-0488
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Signal Tra





802.11ac 80MHz Chian0 5290MHz-5290 ¢ Frequency + · + put Z: 50 Ω prrections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off tten: 30 dB KEYSIGHT Input R Center Frequency 5.290000000 GHz Settings AWWWW Align: Auto DU 5.283 04 GHz 1 Spei Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm 120.000000 MHz Scale/Div 10 dB -3.735 d Swept Span Zero Span .09 Full Span art Freq 5.230000000 GH ۲ Stop Freq 5.350000000 GH AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz 120 0 MH 5 20 Span 120.0 MHz Sweep 1.00 ms (1001 pts) #Res BW 1.0 MHz Signal Track 802.11ac 80MHz Chain0 5530MHz-5530 Spectrum Analyzer Ö Frequency + · + KEYSIGHT Input RF PNO Fast Gate Off IF Gain Low ConTrack Of Center Frequency 5.53000000 GHz Corrections Off Freq Ref. Int (S) Avg/Hold 100/ Trig: Free Run Settings AWWWWW Align: Auto kr1 5.525 92 GHz 120.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 5.470000 OD GH 0 Stop Freq 5.590000000 GH AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz Span 120.0 MHz Sweep 1.00 ms (1001 pts) Video BW 3.0 MH 5.53 #Res BW 1.0 MHz 1 5 C 1 2 C 2020 9 Signal Tra 802.11ac_80MHz_Chian0_5610MHz-5610 Spectrum Analyzer * Swept SA ¢ . Frequency PNO Fast Gate Off IF Gain Lo Sig Track KEYSIGHT Input RF wt 7 50 0 Center Freq orrections: Off req Ref. Int (S) Avg|Hold 100/100 Trig Free Run Settings 5.61000000 GH AWWWW -Mkr1 5,586 48 GHz 1 Spectrum 120.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB -2 146 0 Swept Span Zero Span Full Span art Fred 5.550000000 GHz Stop Freq 5.670000000 GHz AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz V Avia C Span 120.0 MHz Sweep 1.00 ms (1001 pts) Center 5.61000 #Res BW 1.0 M 1 5 C 1 2 2020 0 817:30 AM Signal Tra

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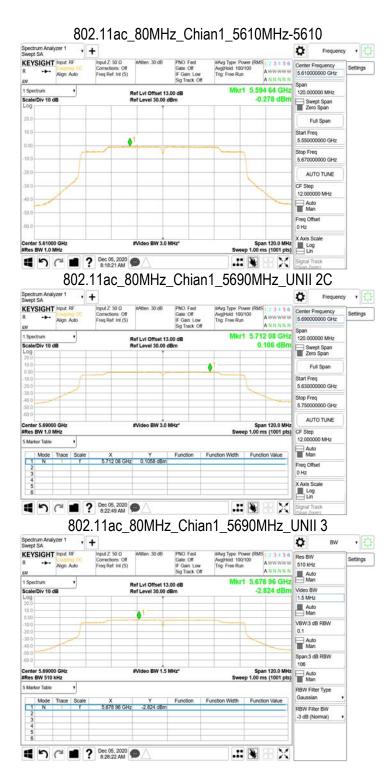
802.11ac 80MHz Chian1 5210MHz-5210 Spectrum Analyzer Swept SA ¢ Frequency + · + put Z: 50 Ω prrections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Men: 30 dB KEYSIGHT Input R Center Frequency 5.210000000 GHz Settings AWWWW Align: Auto DU 5.206 76 GHz 1 Spei 120.000000 MHz Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm Scale/Div 10 dB -2.104 d Swept Span Zero Span og Full Span tart Freq 5.15000000 GHz ٥ Stop Freq 5.270000000 GHz AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz Span 120.0 MHz Sweep 1.00 ms (1001 pts) r 5.21000 #Res BW 1.0 MHz ■ つ C ■ ? Dec 05, 2020 ● Signal Track 802.11ac 80MHz Chian1 5290MHz-5290 Spectrum Analyzer 1 Swept SA Ö Frequency + · + KEYSIGHT Input RF PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Center Frequency 5.29000000 GHz Avg/Hold 100/ Trig: Free Run Corrections Off Freq Ref. Int (S) Settings AWWWWW Align: Auto DU kr1 5.277 88 GHz 120.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB -3.7 Swept Span Zero Span Full Span Start Freq 5.230000 OD GH Stop Freq 5.350000000 GH AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz Span 120.0 MHz Sweep 1.00 ms (1001 pts) Center 5.29000 GH #Res BW 1.0 MHz Video BW 3.0 MF 日う (* 目 ? Dec 05, 2020 の 8:11:06 AM Signal Tra 802.11ac_80MHz_Chain1_5530MHz-5530 Spectrum Analyzer Swept SA ¢ Frequency + KEYSIGHT Input RF wt 7 50 0 PNO: Fast Gate: Off er (RMS) Center Frequency 5.53000000 GHz orrections: Off req Ref. Int (S) Avg|Hold 100/100 Trig Free Run Settings AWWWW -Mkr1 5.523 16 GHz 1 Spectrum 120.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB 5 95 Swept Span Zero Span Full Span art Fred 5.470000000 GHz • Stop Freq 5.590000000 GHz AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz V Avia C Span 120.0 MHz Sweep 1.00 ms (1001 pts) Center 5.53000 #Res BW 1.0 M 1 5 C 1 2 2020 0 815:35 AM .:: 😵 Signal Tra

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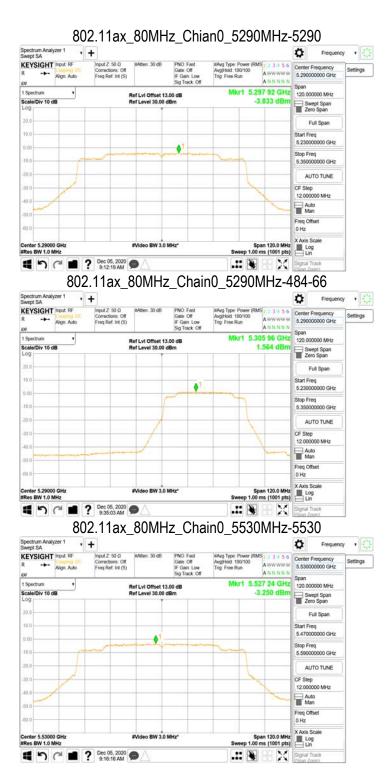
802.11ac 80MHz Chian1 5775MHz-5775 Spectrum Analy Swept SA Ö Frequency + · + out Z 50 Ω mections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Of KEYSIGHT Input R Center Frequency 5.775000000 GHz Settings AWWWW Align: Auto DU 5.758 80 GHz 1 Spec Ref Lvi Offset 12.92 dB Ref Level 30.00 dBm 120.000000 MHz Scale/Div 10 dE -0.611 d Swept Span Zero Span og Full Span art Freq 5.715000000 GH ٥ Stop Freq 5.835000000 GHz AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz 120.0 MH r 5 77500 d Span 120.0 MHz Sweep 1.00 ms (1001 pts) Center 5.77500 GH #Res BW 510 kHz ■ つ C ■ ? Dec 05, 2020 ● Signal Track 802.11ax 80MHz Chian0 5210MHz-5210 Spectrum Analyzer Ö Frequency . · + KEYSIGHT Input RF PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Center Frequency 5.210000000 GHz Avg/Hold 100/ Trig: Free Run Corrections Off Freq Ref. Int (S) Settings AWWWWW Align: Auto kr1 5.222 72 GHz Span 120.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 5.150000 OD GH Stop Freq 5.270000000 GH AUTO TUNE CF Step 12.000000 MHz Auto Man Freq Offset 0 Hz Span 120.0 MHz Sweep 1.00 ms (1001 pts) Center 5.21000 GH #Res BW 1.0 MHz Video BW 3.0 MH C
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 P Signal Tra 802.11ax_80MHz_Chian0_5210MHz-484-65 Spectrum Analyzer Swept SA ø . Frequency PNO Fast Gate Off IF Gain Lo Sig Track KEYSIGHT Input RF wt 7 50 0 Center Freq orrections: Off req Ref. Int (S) Avg|Hold 100/100 Trig Free Run 5.210000000 GHz Settings AWWWW -Mkr1 5,184 08 GHz 1 Spectrum 120.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB -3 399 0 Swept Span Zero Span Full Span art Fred 5.15000000 GHz • Stop Freq 5.270000000 GHz AUTO TUNE CF Step 12.000000 MH Auto Man Freq Offse 0 Hz V Avia C Span 120.0 MHz Sweep 1.00 ms (1001 pts) Center 5.21000 #Res BW 1.0 M 1 5 C 1 2 2 Dec 05, 2020 .:: 😵 Signal Tra

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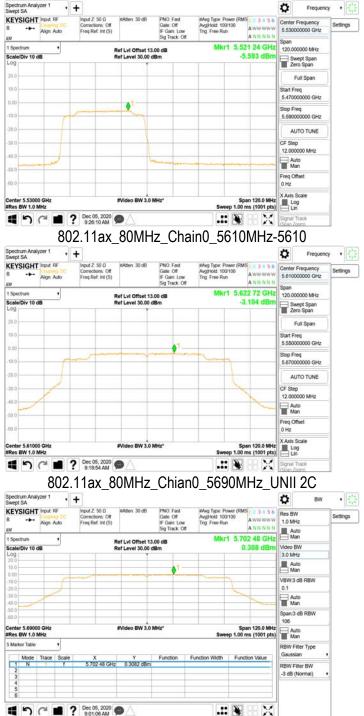
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802.11ax_80MHz_Chian0_5530MHz-484-65

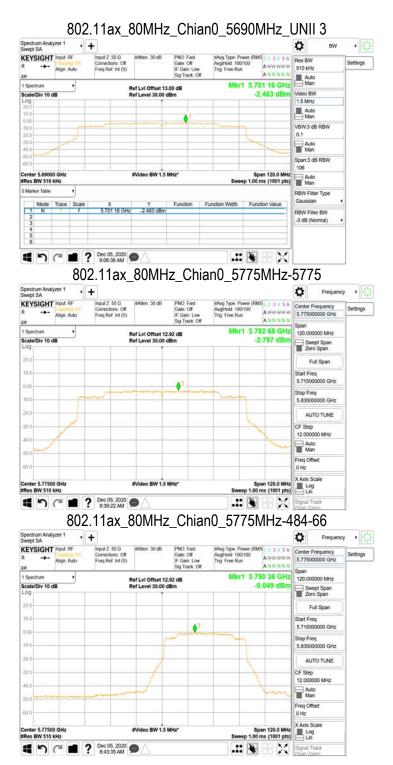


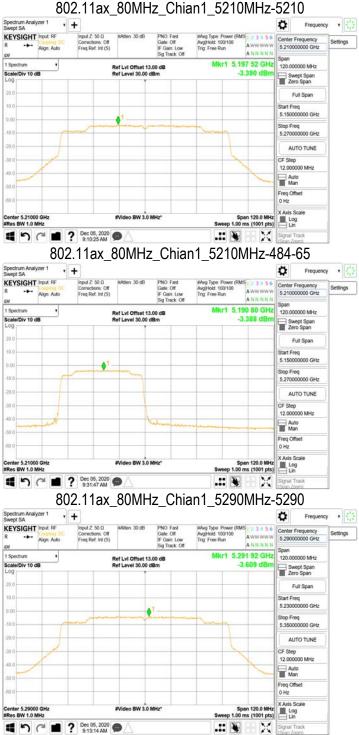
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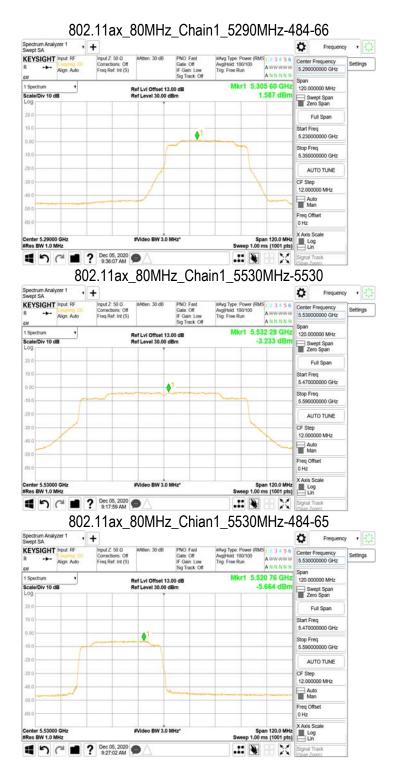


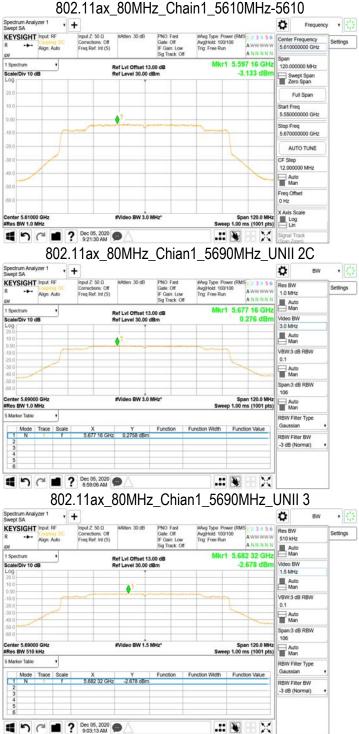


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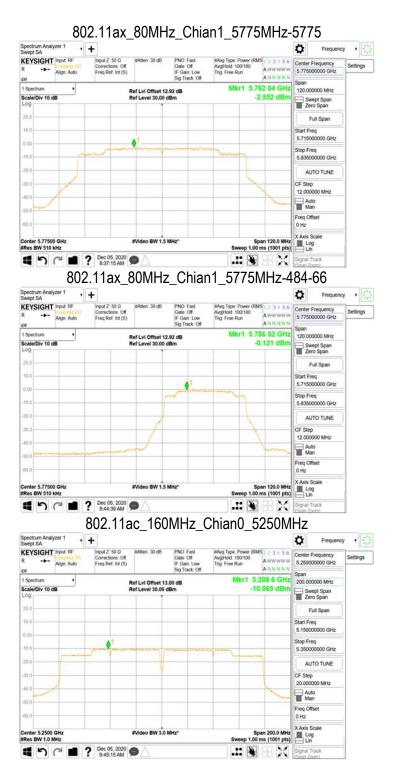




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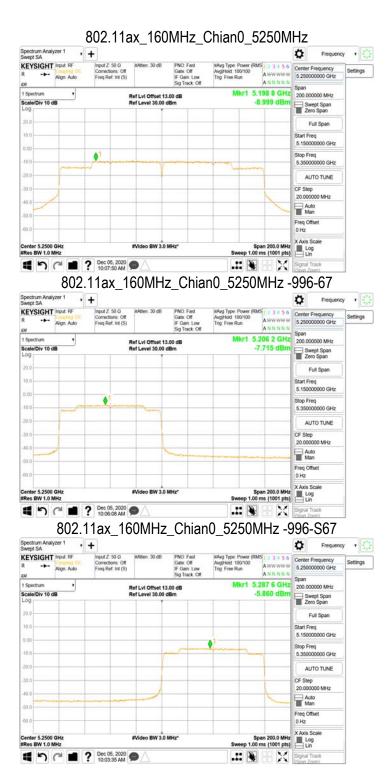
802.11ac 160MHz Chian0 5570MHz -5570 ø Frequency + · + put Z: 50 Ω prrections: Off eq Ref. Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input R Men: 30 dB Center Frequency 5.570000000 GHz Settings AWWWW Align: Auto DU 5.526 4 GHz 1 Spei Ref Lvi Offset 13.00 dB Ref Level 30.00 dBm 200.000000 MHz Scale/Div 10 dB -9.011 d Swept Span Zero Span og Full Span art Freq 5.470000000 GH Stop Freq 5.67000000 GH AUTO TUNE CF Step 20.000000 MHz Auto Man Freq Offse 0 Hz r 5.5700 G 200 0 MH Span 200.0 MHz Log Sweep 1.00 ms (1001 pts) Center 5.5700 GH #Res BW 1.0 MHz 1 5 C Dec 05, 2020 9:47:45 AM Signal Track 802.11ac 160MHz Chian1 5250MHz Spectrum Analyzer 1 Swent SA Ö Frequency . 24 · + KEYSIGHT Input RF PNO: Fast Gate: Off IF Gain: Low Sin Track: Of Center Frequency 5.25000000 GHz Avg/Hold 100/ Trig: Free Run Corrections: Off Freq Ref. Int (S) Settings AWWWWW Align: Auto r1 5.205 4 GHz Span 200.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB -10.165 Swept Span Zero Span Full Span Start Freq 5.150000 OD GH Stop Freq 5.350000000 GH AUTO TUNE CF Step 20.000000 MHz Auto Man Freq Offse 0 Hz Span 200.0 MHz Sweep 1.00 ms (1001 pts) Center 5.2500 GH #Res BW 1.0 MHz Video BW 3.0 MH C^a C^a C^a C^a C^a C^b C^a C^b C^a C^b Signal Tra 802.11ac_160MHz_Chian1_5570MHz -5570 Spectrum Analyzer Swept SA ¢ . Frequency PNO Fast Gate Off IF Gain Lo Sig Track KEYSIGHT Input RF wt 7 50 0 Center Frequency 5.57000000 GHz orrections: Off req Ref. Int (S) Avg|Hold 100/100 Trig Free Run Settings AWWWW -Mkr1 5.520 6 GHz 1 Spectrum 200.000000 MHz Ref Lvi Offset 13.00 dB Scale/Div 10 dB -8 766 0 Swept Span Zero Span Full Span art Fred 5.470000000 GHz Stop Freq 5.670000000 GHz ١ AUTO TUNE CF Step 20.000000 MH Auto Man Freq Offse 0 Hz Span 200.0 MHz Sweep 1.00 ms (1001 pts) V Avia C Center 5.5700 GH #Res BW 1.0 MHz 1 5 C 1 2 2020 9 .:: 😵 Signal Tra

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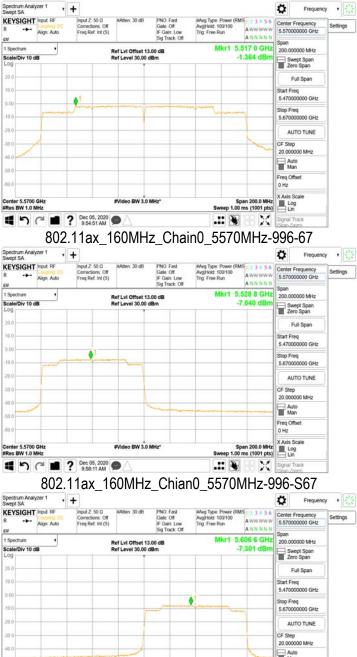
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802.11ax_160MHz_Chian0_5570MHz



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 CF Step
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 Freq Offset
 20.00000 MHz

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 Freq Offset
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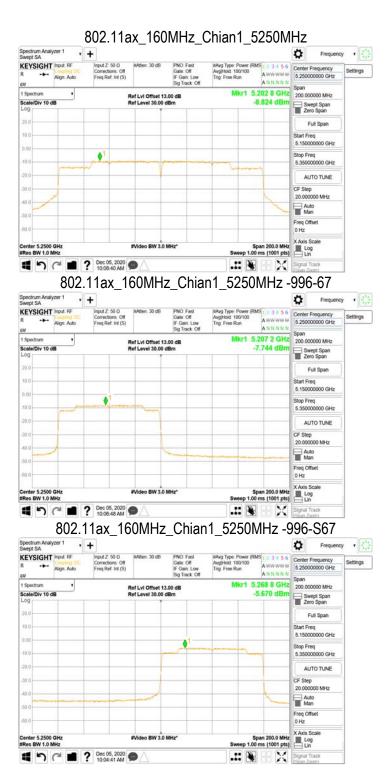
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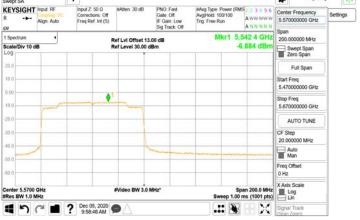




802.11ax_160MHz_Chian1_5570MHz

Spectrum Ana Swept SA





802.11ax_160MHz_Chian1_5570MHz-996-S67

Spectrum Analy Swept SA	Zer 1 ,	+						Ö	Frequency		-
	Input RF Chapting DC Align: Auto	Input Z: 50 0 Corrections: Off Freq Ref: Int (S)	#Atten: 30 dB	PNO Fast Gate: Off IF Gain: Low Sig Track: Off	MAvg Type Po Avgi[Hold 100 Trig: Free Run	n AW	3456 www.w	5.5700	requency 00000 GHz	Setting	gs
1 Spectrum			Ref Lvi Offset 13		Mk			Span 200.000	0000 MHz		
Scale/Div 10 d	B		Ref Level 30.00 c			-7.54	5 dBm	Sw	ept Span o Span		
20.0	-				-		-	F	ull Span		
0.00								Start Fre 5.4700	iq 00000 GHz		
10.0			-		•1	-		Stop Fre 5.6700	9 00000 GHz		
20.0							-	AU	TO TUNE	1	
30.0								CF Step 20.000	000 MHz		
40.0						1	-	Aut Ma			
80.0								Freq Off 0 Hz	set		
Center 5.5700 #Res BW 1.0 M			#Video BW 3.0	MHz*	Swe	Span 20 ep 1.00 ms (1	0.0 MHz 001 pts)	X Axis S	1		
15	C 1	Dec 05, 2020 10:01:51 AM	PΛ				X	Signal T	rack		

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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

11.1 Standard Applicable

11.1.1 Band Edge

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- 1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
- 2. For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at 5 MHz above or below the band edge.

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1) RSS-247 §6.2.1.2 15.407(b)(2) RSS-247 §6.2.2.2 15.407(b)(3) RSS-247 §6.2.3.2	PK: -27 (dBm/MHz)	PK: 68.2 (dBµV/m)
15.407(b)(4)(i) RSS-247 §6.2.4.2	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBµV/m) *1 PK:105.2 (dBµV/m) *2 PK: 110.8(dBµV/m) *3 PK:122.2 (dBµV/m) *4

*1 beyond 75 MHz or more above of the bandedge.

*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

*4 from 5 MHz above or below the band edge increasing linearly to a level of 27

dBm/MHz at the band edge.

 $EIRP = ((E^*d)^2) / 30$, where E is the field in V/m, d is the measurement distance (3m), EIRP is the equivalent isotropically radiated power in Watts.

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11.1.2 **Spurious Emission**

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(KHz)	300
0.490-1.705	24000/F(KHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level ($dB\mu V/m$) = 20 log Emission level ($\mu V/m$)

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11.2 **Measurement Equipment Used**

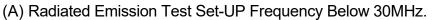
SGS SAC-III									
Name of Equip- ment	Manufacturer	Model	Serial Num- ber	Calibration Date	Calibration Due				
Broadband Antenna	SCHWAZBECK	VULB 9168	9168-617	11/04/2019	11/03/2020				
Horn Antenna	Schwarzbeck	BBHA9170	184	12/25/2019	12/24/2020				
Horn Antenna	Schwarzbeck	BBHA9120D	1341	06/22/2020	06/21/2021				
Loop Antenna	ETS.LINDGREN	6502	143303	04/28/2020	04/27/2021				
3m Site NSA	SGS	966 chamber D	N/A	07/12/2020	07/11/2021				
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	07/08/2020	07/07/2021				
Pre-Amplifier	EMC Instruments	EMC184045B	980135	11/20/2019	11/19/2020				
Pre-Amplifier	EMC Instruments	EMC9135	980234	11/20/2019	11/19/2020				
Pre-Amplifier	EMC Instruments	EMC12630SE	980271	11/20/2019	11/19/2020				
Attenuator	Woken	WATT-218FS-10	RF25	11/20/2019	11/19/2020				
High Pass Filter	R&S	F13 HPF 3GHz	RF64	11/20/2019	11/19/2020				
Low Pass Filter	EWT	EWT-56-0019	RF46	11/20/2019	11/19/2020				
Notch Filter	EWT	EWT-54-0038	RF55	11/20/2019	11/19/2020				
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17388/4	11/20/2019	11/19/2020				
Coaxial Cable	Huber Suhner	RG 214/U	W22.03	11/20/2019	11/19/2020				
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17413/4	11/20/2019	11/19/2020				

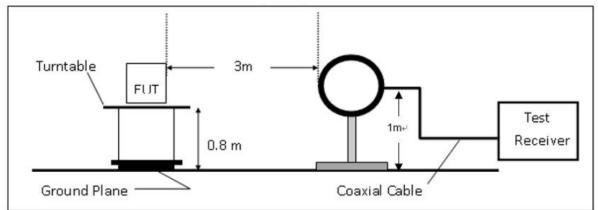
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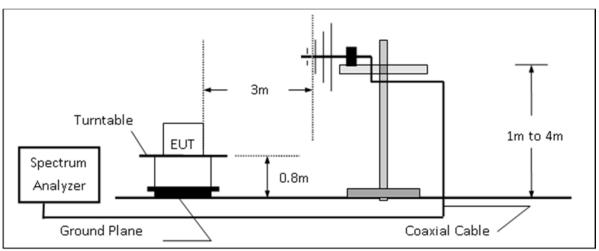


11.3 Test SET-UP

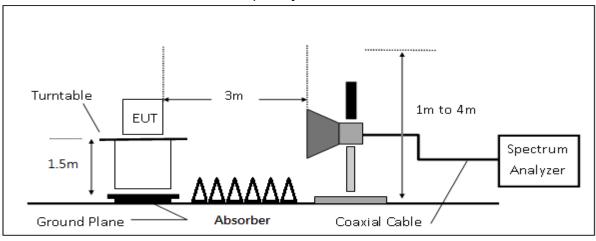




(B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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11.4 Measurement Procedure

- **1.** The EUT was placed on a turn table which is 0.8m above ground plane.
- 2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
- **3.** The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
- **4.** The turn table shall rotate 360 degrees to determine the position of maximum emission level.
- **5.** EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
- **6.** Set the spectrum analyzer as RBW=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
- At frequency above 1 GHz, Set the spectrum analyzer: Set the spectrum analyzer as RBW=1 MHz, VBW as referring to section 7.1 of this report for Average Detector at frequency above 1 GHz.
- 8. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- **9.** And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- **10.** Repeat above procedures until all frequency measured were complete.

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11.5 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss) AG = Amplifier Gain

AF = Antenna Factor

RA = *Reading Amplitude*

The limit of the emission level is expressed in dBuV/m, which converts $20*\log(uV/m)$

Actual FS($dB\mu V/m$) = SPA. Reading level($dB\mu V$) + Factor(dB) Factor(dB) = Antenna Factor($dB\mu V/m$) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

11.6 Test Results of Radiated Spurious Emissions form 9 KHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) was not reported.

Pre-scanned was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) was not reported.

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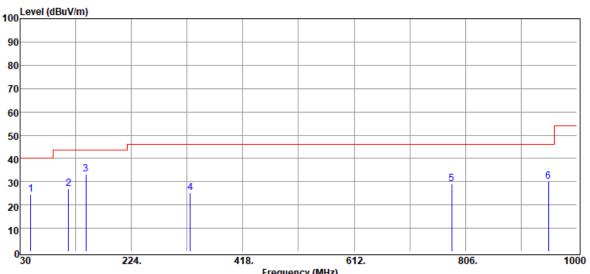
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11.7 **Radiated Spurious Emission Measurement Result**

Below 1GHz Worst-Case Data: 11.7.1

Mode: Chain 0			
Report Number	:E2/2020/70034	Test Site	:966 Chamber D
Operation Mode	:802.11a / Band 1	Test Date	:2020-07-15
Test Frequency	:5220 MHz	Temp./Humi.	:22.7/61
Test Mode	:TX CH MID	Antenna Pol.	:VERTICAL
EUT Pol	:NB Plane	Engineer	:Kailin
Ant Path / EUT	:Chain 0 / Config 1		



Frequency (MHz)

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
48.43	Peak	41.48	-16.86	24.62	40.00	-15.38
114.39	Peak	46.08	-19.17	26.91	43.50	-16.59
144.46	Peak	49.84	-16.66	33.18	43.50	-10.32
326.82	Peak	39.86	-14.44	25.42	46.00	-20.58
781.75	Peak	35.32	-6.28	29.04	46.00	-16.96
950.53	Peak	34.53	-4.53	30.00	46.00	-16.00

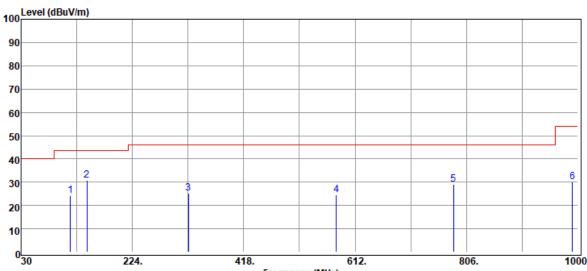
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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 1
Test Frequency	:5220 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.7/61
Antenna Pol.	:HORIZONTAL
Engineer	:Kailin



Frequency (MHz)

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
116.33	Peak	43.17	-19.00	24.17	43.50	-19.33
144.46	Peak	47.33	-16.66	30.67	43.50	-12.83
321.97	Peak	40.06	-14.70	25.36	46.00	-20.64
579.02	Peak	33.91	-9.38	24.53	46.00	-21.47
783.69	Peak	35.34	-6.21	29.13	46.00	-16.87
990.30	Peak	34.16	-4.05	30.11	54.00	-23.89

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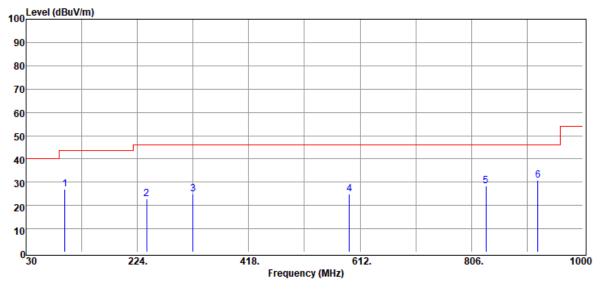
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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.7/61
Antenna Pol.	:VERTICAL
Engineer	:Kailin



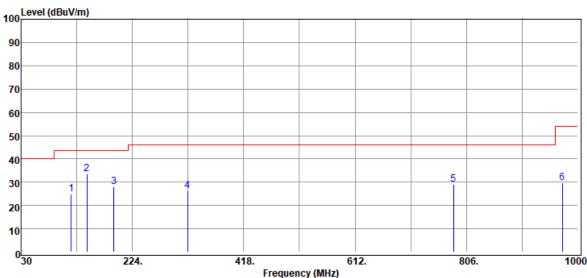
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
97.90	Peak	48.83	-21.85	26.98	43.50	-16.52
240.49	Peak	39.74	-16.97	22.77	46.00	-23.23
321.00	Peak	39.80	-14.77	25.03	46.00	-20.97
593.57	Peak	34.21	-9.13	25.08	46.00	-20.92
831.22	Peak	34.48	-6.20	28.28	46.00	-17.72
921.43	Peak	35.53	-4.77	30.76	46.00	-15.24

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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1

:966 Chamber D
:2020-07-15
:22.7/61
:HORIZONTAL
:Kailin



ea	lien	CV	(MHz)	
чy	uci		(11112)	

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
117.30	Peak	43.89	-18.96	24.93	43.50	-18.57
144.46	Peak	50.07	-16.66	33.41	43.50	-10.09
191.99	Peak	46.23	-18.18	28.05	43.50	-15.45
320.03	Peak	41.03	-14.84	26.19	46.00	-19.81
783.69	Peak	35.30	-6.21	29.09	46.00	-16.91
972.84	Peak	33.99	-4.11	29.88	54.00	-24.12

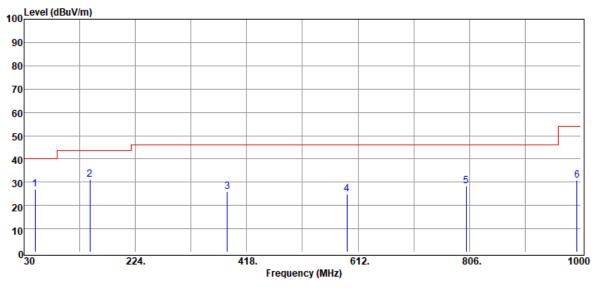
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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 3
Test Frequency	:5580 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/62
Antenna Pol.	:VERTICAL
Engineer	:Kailin



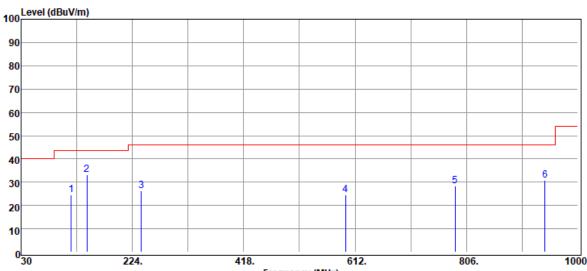
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	43.93	-16.82	27.11	40.00	-12.89
144.46	Peak	47.72	-16.66	31.06	43.50	-12.44
384.05	Peak	38.97	-13.06	25.91	46.00	-20.09
592.60	Peak	34.19	-9.22	24.97	46.00	-21.03
800.18	Peak	34.45	-6.22	28.23	46.00	-17.77
993.21	Peak	35.05	-4.09	30.96	54.00	-23.04

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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 3
Test Frequency	:5580 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1

:966 Chamber D
:2020-07-15
:22.8/62
:HORIZONTAL
:Kailin



Frequency (MHz)

Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
117.30	Peak	43.45	-18.96	24.49	43.50	-19.01
144.46	Peak	49.96	-16.66	33.30	43.50	-10.20
239.52	Peak	43.20	-17.00	26.20	46.00	-19.80
595.51	Peak	33.53	-8.94	24.59	46.00	-21.41
786.60	Peak	34.39	-6.15	28.24	46.00	-17.76
942.77	Peak	35.52	-4.71	30.81	46.00	-15.19

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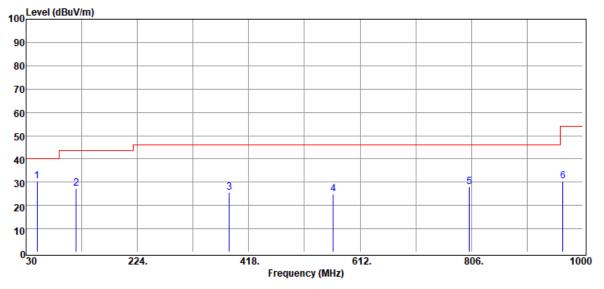
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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 4
Test Frequency	:5785 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/61
Antenna Pol.	:VERTICAL
Engineer	:Kailin

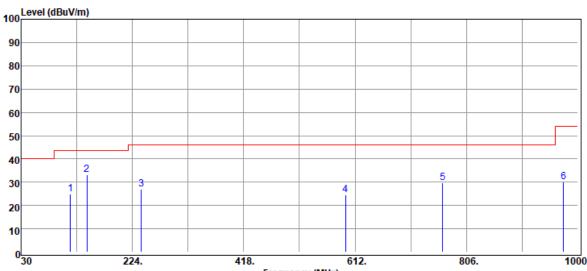


Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	47.17	-16.82	30.35	40.00	-9.65
117.30	Peak	46.13	-18.96	27.17	43.50	-16.33
384.05	Peak	38.73	-13.06	25.67	46.00	-20.33
565.44	Peak	34.91	-9.93	24.98	46.00	-21.02
802.12	Peak	34.25	-6.20	28.05	46.00	-17.95
965.08	Peak	34.79	-4.20	30.59	54.00	-23.41



Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 4
Test Frequency	:5785 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/61
Antenna Pol.	:HORIZONTAL
Engineer	:Kailin



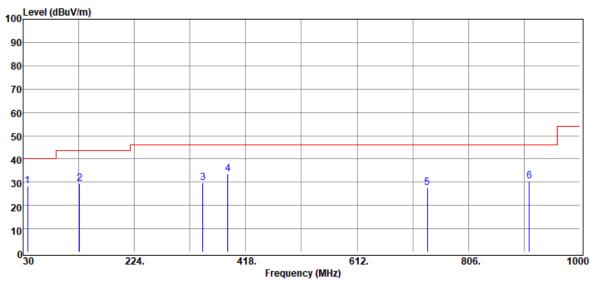
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
116.33	Peak	43.85	-19.00	24.85	43.50	-18.65
144.46	Peak	49.95	-16.66	33.29	43.50	-10.21
239.52	Peak	43.95	-17.00	26.95	46.00	-19.05
595.51	Peak	33.49	-8.94	24.55	46.00	-21.45
764.29	Peak	36.59	-6.71	29.88	46.00	-16.12
974.78	Peak	34.26	-4.12	30.14	54.00	-23.86

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.



Report Number	:E2/2020/70034	Test
Operation Mode	:802.11ac160 / Band 1-2	Test
Test Frequency	:5250 MHz	Terr
Test Mode	:TX CH LOW	Ante
EUT Pol	:NB Plane	Eng
Ant Path / EUT	:Chain 0 / Config 1	

Test Site	:966 Chamber D
Test Date	:2020-08-14
Temp./Humi.	:23.6/58
Antenna Pol.	:VERTICAL
Engineer	:Kailin



Detector	Spectrum	Factor	Actual	Limit	Margin
Mode	Reading Level		FS	@3m	
PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Peak	45.99	-17.75	28.24	40.00	-11.76
Peak	47.40	-17.99	29.41	43.50	-14.09
Peak	43.56	-13.95	29.61	46.00	-16.39
Peak	46.39	-12.99	33.40	46.00	-12.60
Peak	34.87	-7.18	27.69	46.00	-18.31
Peak	35.58	-5.09	30.49	46.00	-15.51
	Mode PK/QP/AV Peak Peak Peak Peak Peak Peak	ModeReading LevelPK/QP/AVdBµVPeak45.99Peak47.40Peak43.56Peak46.39Peak34.87	Mode Reading Level PK/QP/AV dBµV dB Peak 45.99 -17.75 Peak 47.40 -17.99 Peak 43.56 -13.95 Peak 46.39 -12.99 Peak 34.87 -7.18	Mode Reading Level FS PK/QP/AV dBμV dB dBμV/m Peak 45.99 -17.75 28.24 Peak 47.40 -17.99 29.41 Peak 43.56 -13.95 29.61 Peak 46.39 -12.99 33.40 Peak 34.87 -7.18 27.69	ModeReading LevelFS@3mPK/QP/AVdBµVdBdBµV/mdBµV/mPeak45.99-17.7528.2440.00Peak47.40-17.9929.4143.50Peak43.56-13.9529.6146.00Peak46.39-12.9933.4046.00Peak34.87-7.1827.6946.00



Report Number	:E2/2020/70034	Test Site	:966 Chamber D
Operation Mode	:802.11ac160 / Band 1-2	Test Date	:2020-08-14
Test Frequency	:5250 MHz	Temp./Humi.	:23.6/58
Test Mode	:TX CH LOW	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Kailin
Ant Path / EUT	:Chain 0 / Config 1		

100 Level (dBuV/m) 90 80 70 60 50 40 2 30 20 10 0<mark>_____</mark>30 224. 418. 612. 806. 1000

Frequency (MHz)

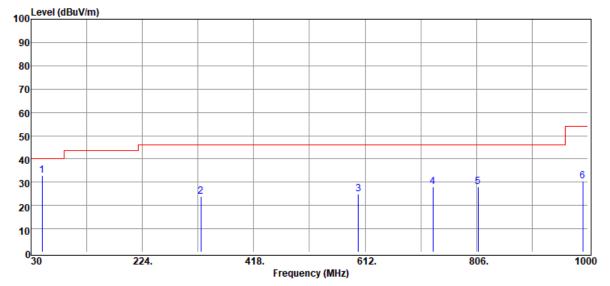
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
257.95	Peak	43.63	-17.02	26.61	46.00	-19.39
353.98	Peak	44.83	-14.04	30.79	46.00	-15.21
609.09	Peak	33.71	-8.17	25.54	46.00	-20.46
743.92	Peak	33.93	-6.93	27.00	46.00	-19.00
870.99	Peak	35.40	-5.86	29.54	46.00	-16.46
926.28	Peak	34.52	-4.78	29.74	46.00	-16.26

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Report Number	:E2/2020/70034
Operation Mode	:802.11ac160 / Band 3
Test Frequency	:5570 MHz
Test Mode	:TX CH HIGH
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 0 / Config 1
EUT Pol	:NB Plane

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/61
Antenna Pol.	:VERTICAL
Engineer	:Kailin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	49.64	-16.82	32.82	40.00	-7.18
325.85	Peak	38.44	-14.47	23.97	46.00	-22.03
600.36	Peak	33.32	-8.49	24.83	46.00	-21.17
730.34	Peak	35.00	-7.14	27.86	46.00	-18.14
808.91	Peak	34.31	-6.13	28.18	46.00	-17.82
991.27	Peak	34.53	-4.07	30.46	54.00	-23.54

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Report Number	:E2/2020/70034	Test Site	:966 Chamber D
Operation Mode	:802.11ac160 / Band 3	Test Date	:2020-07-15
Test Frequency	:5570 MHz	Temp./Humi.	:22.8/61
Test Mode	:TX CH HIGH	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Kailin
Ant Path / EUT	:Chain 0 / Config 1		

100 Level (dBuV/m) 90 80 70 60 50 40 2 30 20 10 0<mark>____</mark> 224. 418. 612. 806. 1000

Frequency (MHz)

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	46.58	-16.82	29.76	40.00	-10.24
144.46	Peak	48.94	-16.66	32.28	43.50	-11.22
240.49	Peak	44.09	-16.97	27.12	46.00	-18.88
320.03	Peak	41.09	-14.84	26.25	46.00	-19.75
790.48	Peak	34.42	-6.15	28.27	46.00	-17.73
908.82	Peak	35.61	-5.18	30.43	46.00	-15.57

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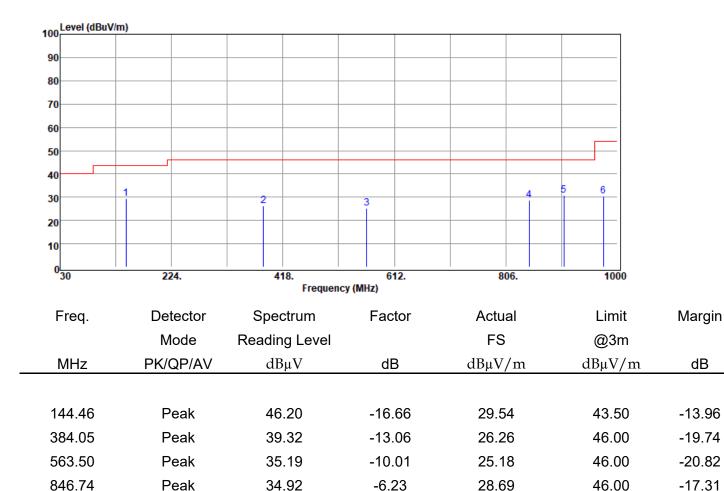


906.88

975.75

Mode: Chain 1	
Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 1
Test Frequency	:5220 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

:966 Chamber D
:2020-07-15
:22.7/61
:VERTICAL
:Kailin



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35.88

34.73

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-5.23

-4.12

30.65

30.61

46.00

54.00

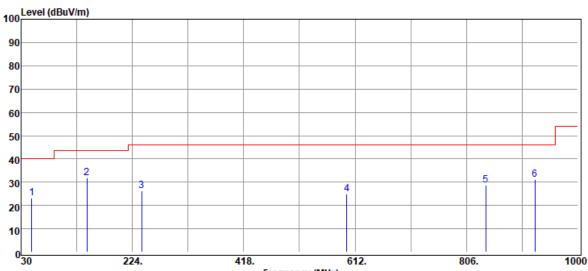
-15.35

-23.39



Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 1
Test Frequency	:5220 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

:966 Chamber D
:2020-07-15
:22.7/61
:HORIZONTAL
:Kailin



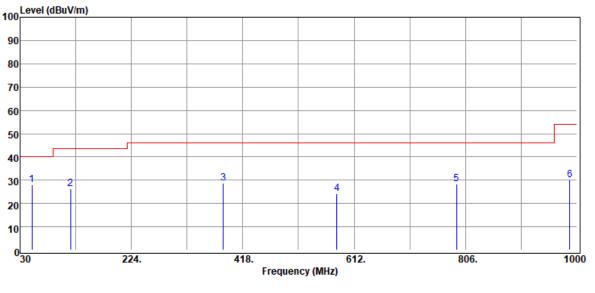
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
48.43	Peak	39.91	-16.86	23.05	40.00	-16.95
144.46	Peak	48.54	-16.66	31.88	43.50	-11.62
240.49	Peak	43.15	-16.97	26.18	46.00	-19.82
597.45	Peak	33.71	-8.76	24.95	46.00	-21.05
839.95	Peak	34.77	-6.18	28.59	46.00	-17.41
925.31	Peak	35.77	-4.78	30.99	46.00	-15.01

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:E2/2020/70034
:802.11a / Band 2
:5300 MHz
:TX CH MID
:NB Plane
:Chain 1 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.7/61
Antenna Pol.	:VERTICAL
Engineer	:Kailin



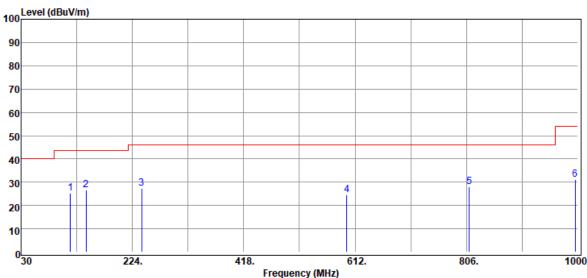
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
 MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
50.37	Peak	44.88	-16.87	28.01	40.00	-11.99
118.27	Peak	45.35	-18.88	26.47	43.50	-17.03
384.05	Peak	41.68	-13.06	28.62	46.00	-17.38
581.93	Peak	33.64	-9.39	24.25	46.00	-21.75
790.48	Peak	34.51	-6.15	28.36	46.00	-17.64
987.39	Peak	34.20	-4.08	30.12	54.00	-23.88

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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

:966 Chamber D
:2020-07-15
:22.7/61
:HORIZONTAL
:Kailin



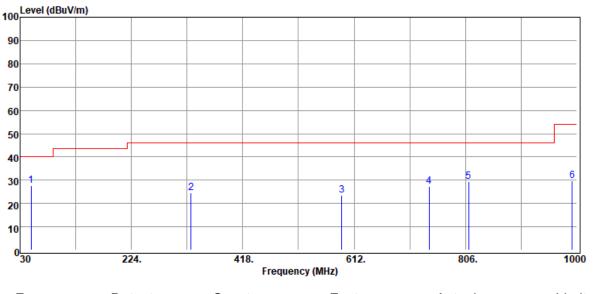
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Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
116.33	Peak	44.22	-19.00	25.22	43.50	-18.28
143.49	Peak	43.45	-16.70	26.75	43.50	-16.75
240.49	Peak	44.29	-16.97	27.32	46.00	-18.68
597.45	Peak	33.35	-8.76	24.59	46.00	-21.41
810.85	Peak	34.25	-6.12	28.13	46.00	-17.87
995.15	Peak	35.30	-4.12	31.18	54.00	-22.82



:E2/2020/70034
:802.11a / Band 3
:5580 MHz
:TX CH MID
:NB Plane
:Chain 1 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/62
Antenna Pol.	:VERTICAL
Engineer	:Kailin



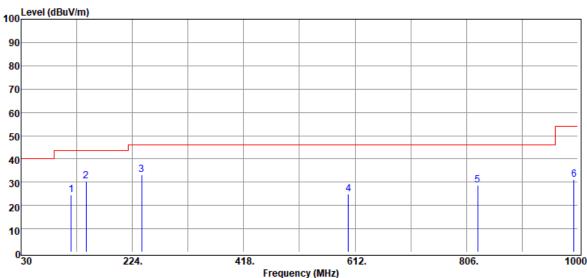
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	44.46	-16.82	27.64	40.00	-12.36
327.79	Peak	38.87	-14.41	24.46	46.00	-21.54
590.66	Peak	32.88	-9.40	23.48	46.00	-22.52
742.95	Peak	34.47	-6.96	27.51	46.00	-18.49
811.82	Peak	35.41	-6.11	29.30	46.00	-16.70
992.24	Peak	33.81	-4.08	29.73	54.00	-24.27

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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 3
Test Frequency	:5580 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

:966 Chamber D
:2020-07-15
:22.8/62
:HORIZONTAL
:Kailin



co qui o	new	(MU2)	
eque	IICY	(MHz)	

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
117.30	Peak	43.50	-18.96	24.54	43.50	-18.96
143.49	Peak	47.23	-16.70	30.53	43.50	-12.97
240.49	Peak	50.08	-16.97	33.11	46.00	-12.89
600.36	Peak	33.31	-8.49	24.82	46.00	-21.18
825.40	Peak	34.70	-6.06	28.64	46.00	-17.36
993.21	Peak	35.16	-4.09	31.07	54.00	-22.93

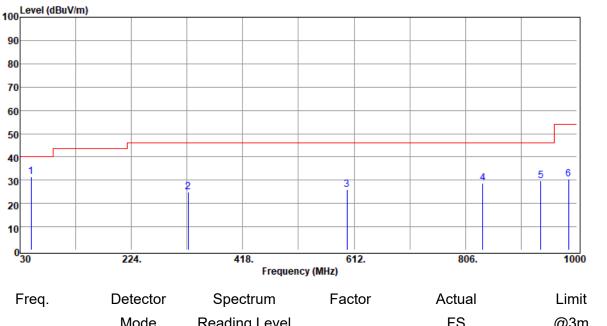
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Margin

Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 4
Test Frequency	:5785 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/61
Antenna Pol.	:VERTICAL
Engineer	:Kailin



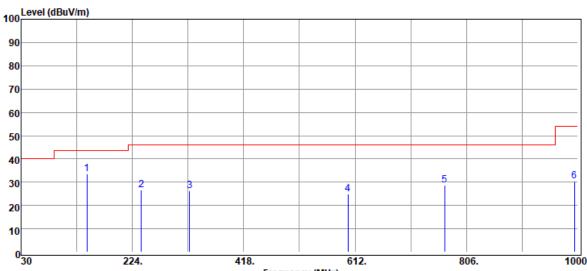
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	48.14	-16.82	31.32	40.00	-8.68
322.94	Peak	39.58	-14.63	24.95	46.00	-21.05
599.39	Peak	34.60	-8.57	26.03	46.00	-19.97
836.07	Peak	34.81	-6.19	28.62	46.00	-17.38
936.95	Peak	34.62	-4.73	29.89	46.00	-16.11
985.45	Peak	34.71	-4.11	30.60	54.00	-23.40

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Report Number	:E2/2020/70034
Operation Mode	:802.11a / Band 4
Test Frequency	:5785 MHz
Test Mode	:TX CH MID
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

:966 Chamber D
:2020-07-15
:22.8/61
:HORIZONTAL
:Kailin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
144.46	Peak	50.10	-16.66	33.44	43.50	-10.06
239.52	Peak	43.73	-17.00	26.73	46.00	-19.27
323.91	Peak	40.97	-14.58	26.39	46.00	-19.61
599.39	Peak	33.44	-8.57	24.87	46.00	-21.13
768.17	Peak	35.40	-6.73	28.67	46.00	-17.33
994.18	Peak	34.70	-4.10	30.60	54.00	-23.40

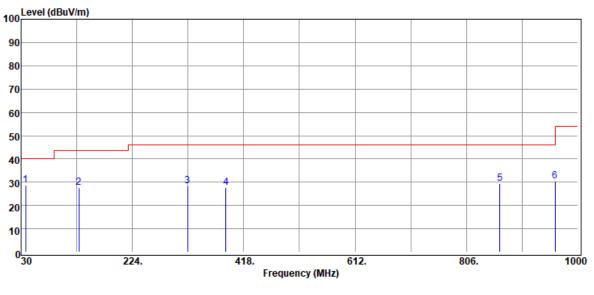
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Report Number	:E2/2020/70034
Operation Mode	:802.11ac160 / Band 1-2
Test Frequency	:5250 MHz
Test Mode	:TX CH LOW
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-08-14
Temp./Humi.	:23.6/58
Antenna Pol.	:VERTICAL
Engineer	:Kailin

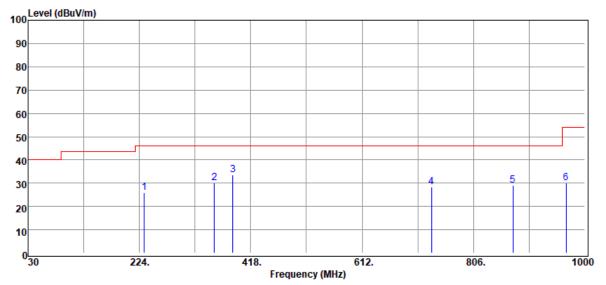


Detector	Spectrum	Factor	Actual	Limit	Margin
Mode	Reading Level		FS	@3m	
PK/QP/AV	dBμV	dB	dBµV/m	dBµV/m	dB
Peak	46.52	-17.75	28.77	40.00	-11.23
Peak	45.51	-17.79	27.72	43.50	-15.78
Peak	43.14	-14.84	28.30	46.00	-17.70
Peak	40.76	-12.99	27.77	46.00	-18.23
Peak	35.56	-6.01	29.55	46.00	-16.45
Peak	34.91	-4.32	30.59	54.00	-23.41
	Mode PK/QP/AV Peak Peak Peak Peak Peak	ModeReading LevelPK/QP/AVdBµVdBµVdBµVPeak46.52Peak45.51Peak43.14Peak40.76Peak35.56	Mode Reading Level PK/QP/AV dBμV dB Peak 46.52 -17.75 Peak 45.51 -17.79 Peak 43.14 -14.84 Peak 40.76 -12.99 Peak 35.56 -6.01	Mode Reading Level FS PK/QP/AV dBμV dB dBμV/m Peak 46.52 -17.75 28.77 Peak 45.51 -17.79 27.72 Peak 43.14 -14.84 28.30 Peak 40.76 -12.99 27.77 Peak 35.56 -6.01 29.55	ModeReading LevelFS@3mPK/QP/AVdBμVdBdBμV/mdBμV/mPeak46.52-17.7528.7740.00Peak45.51-17.7927.7243.50Peak43.14-14.8428.3046.00Peak40.76-12.9927.7746.00Peak35.56-6.0129.5546.00



Report Number	:E2/2020/70034
Operation Mode	:802.11ac160 / Band 1-2
Test Frequency	:5250 MHz
Test Mode	:TX CH LOW
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-08-14
Temp./Humi.	:23.6/58
Antenna Pol.	:HORIZONTAL
Engineer	:Kailin

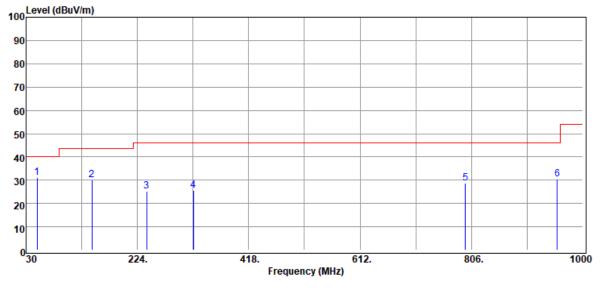


Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
232.73	Peak	43.49	-17.51	25.98	46.00	-20.02
354.95	Peak	44.14	-14.04	30.10	46.00	-15.90
386.96	Peak	46.43	-12.99	33.44	46.00	-12.56
733.25	Peak	35.37	-7.17	28.20	46.00	-17.80
874.87	Peak	34.93	-5.74	29.19	46.00	-16.81
967.02	Peak	34.24	-4.15	30.09	54.00	-23.91
001.02	i cuit	01.24	4.10	00.00	04.00	20.01



Report Number	:E2/2020/70034
Operation Mode	:802.11ac160 / Band 3
Test Frequency	:5570 MHz
Test Mode	:TX CH HIGH
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/61
Antenna Pol.	:VERTICAL
Engineer	:Kailin



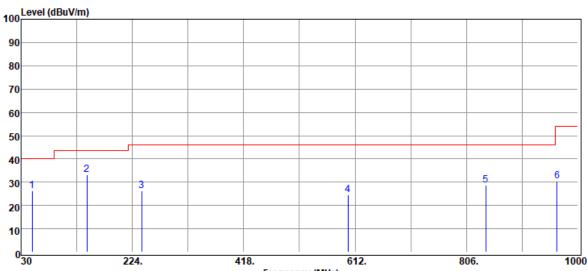
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	47.91	-16.82	31.09	40.00	-8.91
144.46	Peak	46.71	-16.66	30.05	43.50	-13.45
240.49	Peak	42.23	-16.97	25.26	46.00	-20.74
321.97	Peak	40.14	-14.70	25.44	46.00	-20.56
795.33	Peak	34.68	-6.09	28.59	46.00	-17.41
955.38	Peak	34.75	-4.43	30.32	46.00	-15.68

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Report Number	:E2/2020/70034
Operation Mode	:802.11ac160 / Band 3
Test Frequency	:5570 MHz
Test Mode	:TX CH HIGH
EUT Pol	:NB Plane
Ant Path / EUT	:Chain 1 / Config 1

Test Site	:966 Chamber D
Test Date	:2020-07-15
Temp./Humi.	:22.8/61
Antenna Pol.	:HORIZONTAL
Engineer	:Kailin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
49.40	Peak	43.12	-16.82	26.30	40.00	-13.70
144.46	Peak	49.93	-16.66	33.27	43.50	-10.23
240.49	Peak	43.42	-16.97	26.45	46.00	-19.55
599.39	Peak	33.22	-8.57	24.65	46.00	-21.35
839.95	Peak	34.90	-6.18	28.72	46.00	-17.28
964.11	Peak	34.73	-4.22	30.51	54.00	-23.49

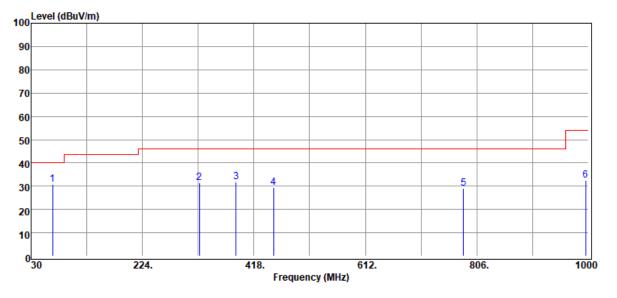
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Mode: MIMO	
Report Number	:E2/2020/70034
Operation Mode	:802.11n40 / Band 1
Test Frequency	:5190 MHz
Test Mode	:TX CH LOW
EUT Pol	:NB Plane
Ant Path / EUT	:MIMO / Config 1

Test Site	:966 Chamber D
Test Date	:2020-08-19
Temp./Humi.	:23.2/64
Antenna Pol.	:VERTICAL
Engineer	:Kailin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
67.83	Peak	49.52	-18.66	30.86	40.00	-9.14
322.94	Peak	45.98	-14.63	31.35	46.00	-14.65
386.96	Peak	44.85	-12.99	31.86	46.00	-14.14
451.95	Peak	40.59	-11.31	29.28	46.00	-16.72
782.72	Peak	35.25	-6.25	29.00	46.00	-17.00
995.15	Peak	36.75	-4.12	32.63	54.00	-21.37
	MHz 67.83 322.94 386.96 451.95 782.72	Mode MHz PK/QP/AV 67.83 Peak 322.94 Peak 386.96 Peak 451.95 Peak 782.72 Peak	Mode Reading Level MHz PK/QP/AV dBµV 67.83 Peak 49.52 322.94 Peak 45.98 386.96 Peak 44.85 451.95 Peak 40.59 782.72 Peak 35.25	Mode Reading Level MHz PK/QP/AV dBµV dB 67.83 Peak 49.52 -18.66 322.94 Peak 45.98 -14.63 386.96 Peak 44.85 -12.99 451.95 Peak 40.59 -11.31 782.72 Peak 35.25 -6.25	ModeReading LevelFSMHzPK/QP/AVdBμVdBdBμV/m67.83Peak49.52-18.6630.86322.94Peak45.98-14.6331.35386.96Peak44.85-12.9931.86451.95Peak40.59-11.3129.28782.72Peak35.25-6.2529.00	ModeReading LevelFS@3mMHzPK/QP/AVdBµVdBdBµV/m67.83Peak49.52-18.6630.8640.00322.94Peak45.98-14.6331.3546.00386.96Peak44.85-12.9931.8646.00451.95Peak40.59-11.3129.2846.00782.72Peak35.25-6.2529.0046.00



Report Number	:E2/2020/70034	Test Site	:966 Chamber D
Operation Mode	:802.11n40 / Band 1	Test Date	:2020-08-19
Test Frequency	:5190 MHz	Temp./Humi.	:23.2/64
Test Mode	:TX CH LOW	Antenna Pol.	:HORIZONTAL
EUT Pol	:NB Plane	Engineer	:Kailin
Ant Path / EUT	:MIMO / Config 1		

100 Level (dBuV/m) 90 80 70 60 50 40 3 6 4 F 30 20 10 0<mark>_____</mark>30 224. 418. 612. 806. 1000

Frequency (MHz)

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
116.33	Peak	50.89	-19.00	31.89	43.50	-11.61
226.91	Peak	50.95	-18.09	32.86	46.00	-13.14
356.89	Peak	47.51	-13.99	33.52	46.00	-12.48
386.96	Peak	44.90	-12.99	31.91	46.00	-14.09
707.06	Peak	41.26	-8.31	32.95	46.00	-13.05
979.63	Peak	38.06	-4.07	33.99	54.00	-20.01

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