

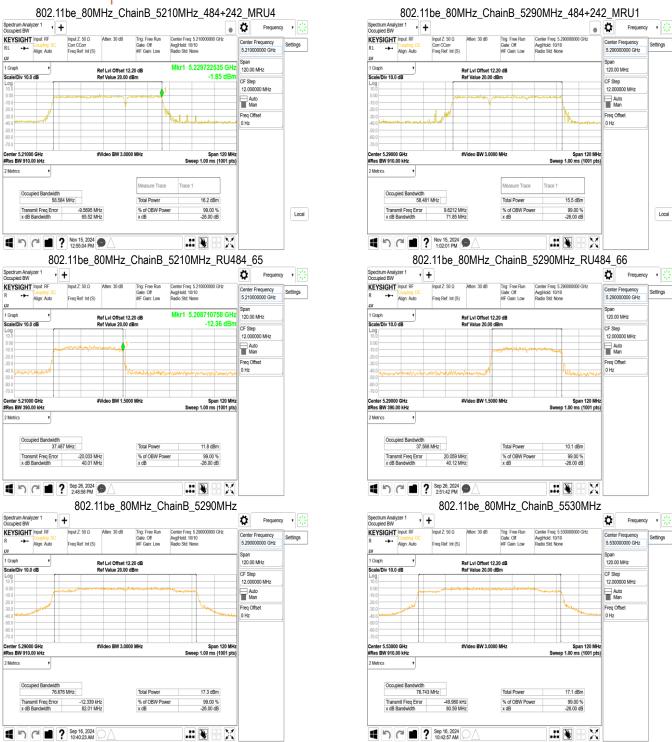
Settings

Local

Settings

Settings

Page: 130 of 1318



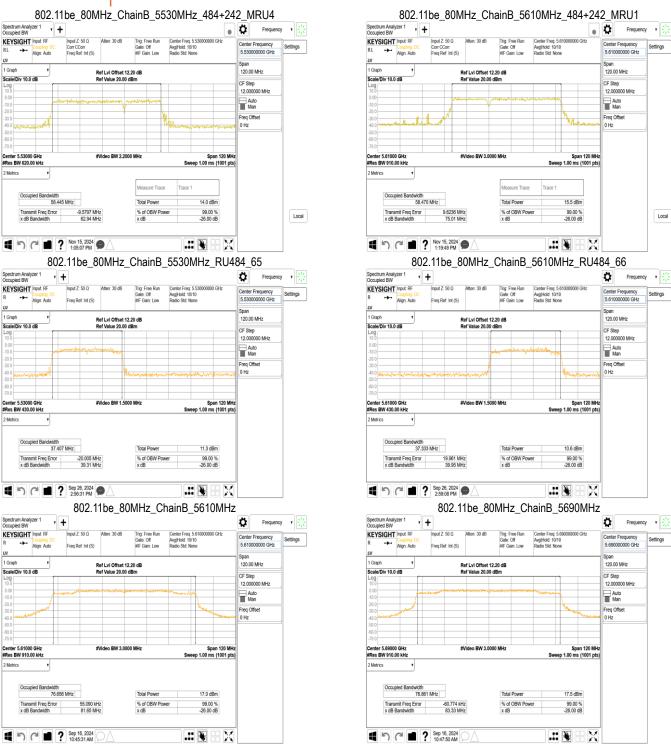
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Page: 131 of 1318



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Page: 132 of 1318

802.11be 80MHz ChainB 5775MHz 802.11be 80MHz ChainB 5775MHz RU484 65 Spectrum Analyzer 1 Frequency • Ö ٥ Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF ut 7: 50 0 Atten: 30 dB KEYSIGHT Input: RF Input 7: 50.0 5.775000000 GH Settings Settings Mkr1 5.736692241 GHz 120.00 MHz Mkr1 5.736360873 GHz 1 Graph 1 Graph 120.00 MH Scale/Div 10.0 dB Scale/Div 10.0 dB -15.71 d -17.56 dBi Auto Man Auto Man Freq Offse 0 Hz Freq Offse 0 Hz Span 120 MH Occupied Bandwidth 76.511 MHz Occupied Bandwidth 37.352 MHz Total Power 16.7 dBm Total Powe 12.4 dBm 37.352 MHz Transmit Freq Error x dB Bandwidth Transmit Freq Error x dB Bandwidth % of OBW Power x dB % of OBW Power x dB 99.00 % -6.00 dB 99.00 % -6.00 dB ■ ? Sep 16, 2024 10:51:07 AM Sep 26, 2024 9 3:01:44 PM .: 署 🖁 💢 802.11be_80MHz_ChainB_5775MHz_484+242_MRU1 802.11be_80MHz_ChainB_5775MHz_RU484_66 ٥ Frequency • ٥ Frequency • KEYSIGHT Input: RF KEYSIGHT Input RF Atten: 30 dB Trig: Free Run Gate: Off #IF Gain: Low Atten: 30 dB Freq Ref: Int (S) 5.775000000 GHz Freq Ref: Int (S) Mkr1 5.755428541 GHz 120.00 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm 120.00 MHz Scale/Div 10.0 dB Scale/Div 10.0 dB -12.29 d -16.53 dBr Auto Man Auto Man Freq Offset 0 Hz Freq Offset 0 Hz 2 Metrics Occupied Bandwidth 58.328 MHz Occupied Bandwidth 37.509 MHz % of OBW Power x dB mit Freq Error % of OBW Power x dB 99.00 % -6.00 dB 1 Nov 06, 2024 5:45:11 PM ■ ? Sep 26, 2024 ■ ? Sep 26, 2024 .: 署 🖁 💢 802.11be_80MHz_ChainB_5775MHz_484+242_MRU4 802.11be 80MHz ChainB 5855MHz ٥ ٥ KEYSIGHT Input: RF KEYSIGHT Input: RF Settings Freq Ref: Int (S) Freq Ref: Int (S) Mkr1 5 73 120.00 MHz 120.00 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Scale/Div 10.0 dB ile/Div 10.0 dE 12.000000 MHz 12.000000 MHz Auto Man Auto Man Freq Offset 0 Hz Freq Offse Center 5.77500 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz nter 5.85500 GH: #Video BW 300.00 kHz Span 120 MHz #Res BW 100.00 kHz Sweep 11.5 ms (1001 pts) Occupied Bandwidth 76.734 MHz Occupied Bandwidth 58,374 MHz Total Power 15.8 dRm Total Power 16.1 dRm

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99.00 % -6.00 dB

B# X

% of OBW Power x dB

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Transmit Freq Error x dB Bandwidth

Sep 16, 2024 10:54:07 AM

Transmit Freq Error

1 Nov 11, 2024 10:39:24 AM

% of OBW Power x dB



Page: 133 of 1318

802.11be 160MHz ChainA 5250MHz 802.11be 160MHz ChainA 5250MHz 996+484 MRU1 Spectrum Analyzer 1 Frequency • Spectrum Analyzer 1 Occupied BW ٥ ٥ Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF KEYSIGHT Input: RF out Z: 50 Ω Atten: 30 dB nnut 7: 50 0 Center Frequency 5.250000000 GHz Settings Settings 1 Graph 1 Graph 240.00 MHz Scale/Div 10.0 dB Scale/Div 10.0 dB CF Step 24.000000 MHz Auto Man Auto Man Freq Offse 0 Hz Freq Offset 0 Hz Occupied Bandwidth 116.81 MHz Occupied Bandwidth 154.58 MHz Total Power 17.8 dBm Total Powe 15.2 dBm Transmit Freq Error x dB Bandwidth Transmit Freq Error x dB Bandwidth % of OBW Power x dB % of OBW Power x dB 99.00 % -26.00 dB 99.00 % -26.00 dB Sep 16, 2024 .:: 署 🖁 💢 1 Oct 25, 2024 6:30:57 PM 802.11be_160MHz_ChainA_5250MHz_996+484+242_MRU1 802.11be_160MHz_ChainA_5250MHz_996+484_MRU2 ٥ Frequency v Ö KEYSIGHT Input RF KEYSIGHT Input RF Atten: 30 dB Trig: Free Run Gate: Off #IF Gain: Low Atten: 30 dB 5.250000000 GHz Freq Ref: Int (S) 5.250000000 GH Freq Ref: Int (S) Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm 240.00 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm 240.00 MHz Scale/Div 10.0 dB Scale/Div 10.0 dB CF Step 24.000000 MHz Auto Man Auto Man Freq Offset 0 Hz Freq Offset 0 Hz 2 Metrics Occupied Bandwidth 137.52 MHz Occupied Bandwidth 157.06 MHz Transmit Freq Error x dB Bandwith % of OBW Power x dB Transmit Freq Error x dB Bandwidth % of OBW Power x dB 99.00 % -26.00 dB ■ 9 C ■ ? Oct 25, 2024 6:41:36 PM 1 Oct 25, 2024 6:33:52 PM .: 🔻 🖁 💢 802.11be_160MHz_ChainA_5250MHz_996+484+242_MRU2 802.11be 160MHz ChainA 5250MHz RU996 67 ٥ ٥ KEYSIGHT Input: RF | Trig: Free Run | Center Freq: 5.250000000 GHz | | Gate: Off | Avg|Hold: 10/10 | | #IF Gain: Low | Radio Std: None | KEYSIGHT Input: RF Freq Ref: Int (S) Align: Auto Freq Ref: Int (S) Span 240.00 MHz 240.00 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvl Offset 12.20 dB Ref Value 20.00 dBm ile/Div 10.0 dB ale/Div 10.0 dE CF Step 24.000000 MHz 24.000000 MHz Auto Man Auto Man Freq Offset 0 Hz Freq Offse Center 5.2500 GHz #Res BW 2.0000 M Center 5.2500 GHz #Res BW 820.00 kHz Sweep 1.00 ms (1001 pts Occupied Bandwidth 156.65 MHz Occupied Bandwidth 76.970 MHz

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.

17.7 dBm

99.00 % -26.00 dB

B# X

Total Power

% of OBW Power x dB

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Transmit Freq Error x dB Bandwidth

Sep 26, 2024 93:12:28 PM

Transmit Freq Error x dB Bandwidth

1 9 C 25, 2024 6:38:40 PM

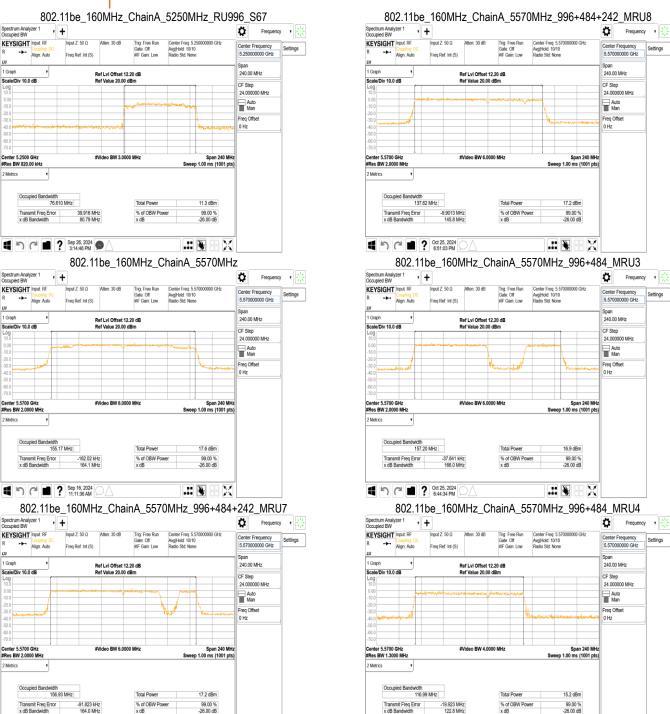
Total Power

% of OBW Power x dB

12.0 dBm



Page: 134 of 1318



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B# X

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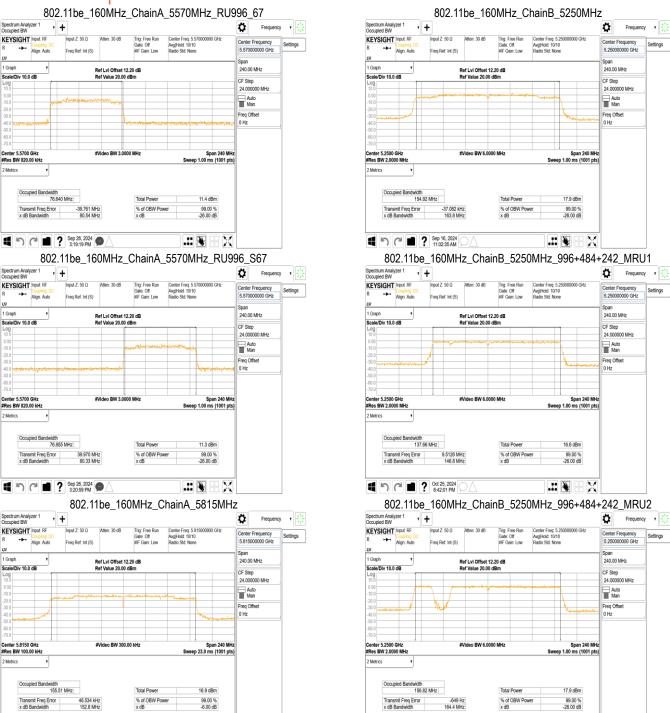
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1 Oct 25, 2024 6:46:37 PM

1 9 C 25, 2024 6:49:26 PM



Page: 135 of 1318



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99.00 % -6.00 dB

B# X

% of OBW Power x dB

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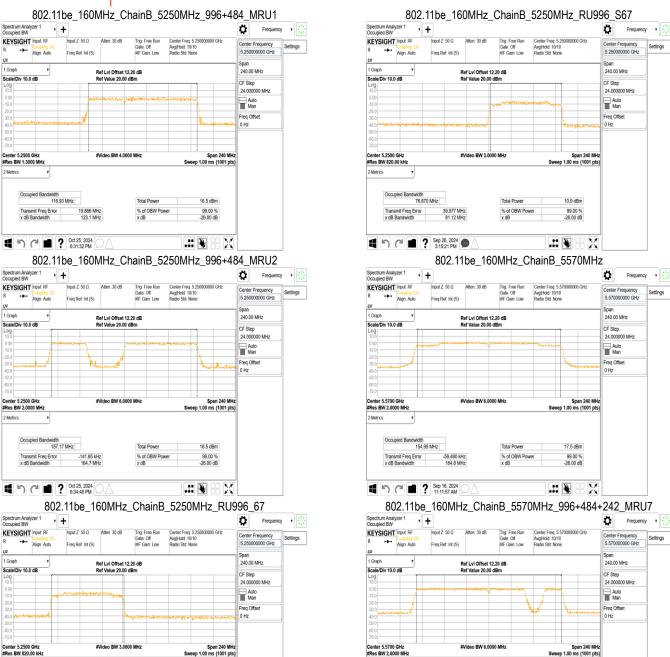
1 Oct 25, 2024 6:39:59 PM

Sep 16, 2024

% of OBW Power x dB



Page: 136 of 1318



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11.8 dBm

99.00 % -26.00 dB

B# X

Total Power

% of OBW Power x dB

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Occupied Bandwidth 156.81 MHz

1 Oct 25, 2024 6:49:47 PM

Transmit Freq Error x dB Bandwidth

Occupied Bandwidth 76,977 MHz

■ ? Sep 26, 2024 ●

Transmit Freq Error x dB Bandwirth

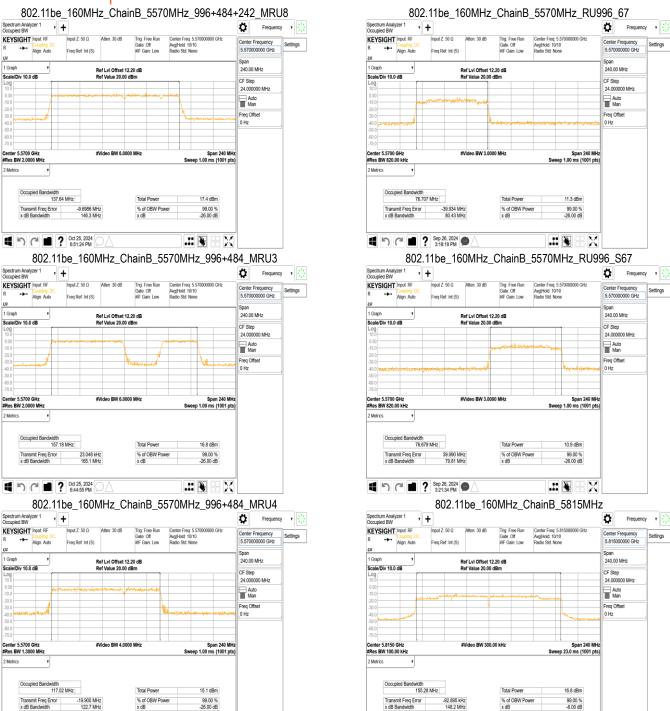
Total Power

% of OBW Power x dB

17.3 dBm



Page: 137 of 1318



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■ Sep 16, 2024 11:14:55 AM

1 9 C 25, 2024 6:47:12 PM



Page: 138 of 1318

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Page: 139 of 1318

8.4.2 ISED Occupied Bandwidth

Mode: Chain A

802.11a ChA

OUZ. I IA_CIIA		
Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5180	16.573	12.190
5220	16.630	12.210
5240	16.626	12.210
5260	16.663	12.220
5300	16.653	12.210
5320	16.647	12.210
5500	16.641	12.210
5580	16.613	12.200
5700	16.646	12.210
5720(U-NII 2C)	13.297	11.240
5720(U-NII 3)	3.297	5.180

802.11a_ChA

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5745	16.615	15.570
5785	16.616	15.700
5825	16.637	15.860
5845(U-NII 3)	13.321	12.970
5845(U-NII 4)	3.321	2.970
5865	16.651	15.740
5885	16.625	16.240

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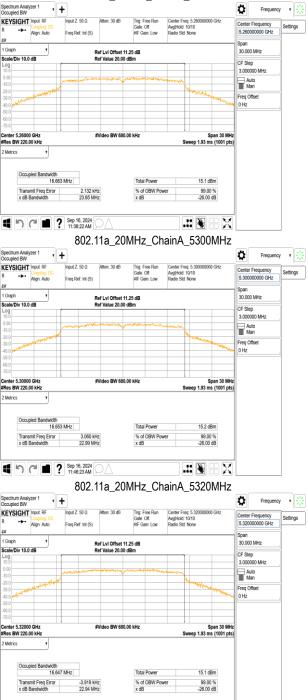
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Page: 140 of 1318

802.11a 20MHz ChainA 5260MHz

802.11a 20MHz ChainA 5180MHz Spectrum Analyzer 1 Frequency • Ö Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF ut 7: 50 0 Atten: 30 dB 1 Graph Scale/Div 10.0 dB Auto Man Freq Offse 0 Hz Occupied Bandwi vidth 16.573 MHz Total Power 15.2 dBm Transmit Freq Error x dB Bandwidth % of OBW Power x dB 99.00 % -26.00 dB Sep 16, 2024 11:33:51 AM .# ₩ Ж 802.11a_20MHz_ChainA_5220MHz Spectrum Analyzer 1 Occupied BW Frequency • ٥ KEYSIGHT Input RF Atten: 30 dB Trig: Free Run Gate: Off #IF Gain: Low 5.220000000 GH 30.000 MHz Scale/Div 10.0 dB Auto Man Freq Offset 0 Hz Occupied Bandwidth 16.630 MHz % of OBW Power 99.00 % -26.00 dB Sep 16, 2024 11:35:24 AM .# 🕦 H X 802.11a_20MHz_ChainA_5240MHz Spectrum Analyzer 1 ٥ KEYSIGHT Input: RF Freq Ref: Int (S) Span 30.000 MHa Ref Lvi Offset 11.25 dB Ref Value 20.00 dBm CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz Center 5.24000 GHz #Res BW 220.00 kHz #Video BW 680.00 kHz Sweep 1.93 ms (1001 pts Occupied Bandwidth 16.626 MHz Total Power 15.1 dBm Transmit Freq Error x dB Bandwidth % of OBW Power x dB 99.00 % -26.00 dB



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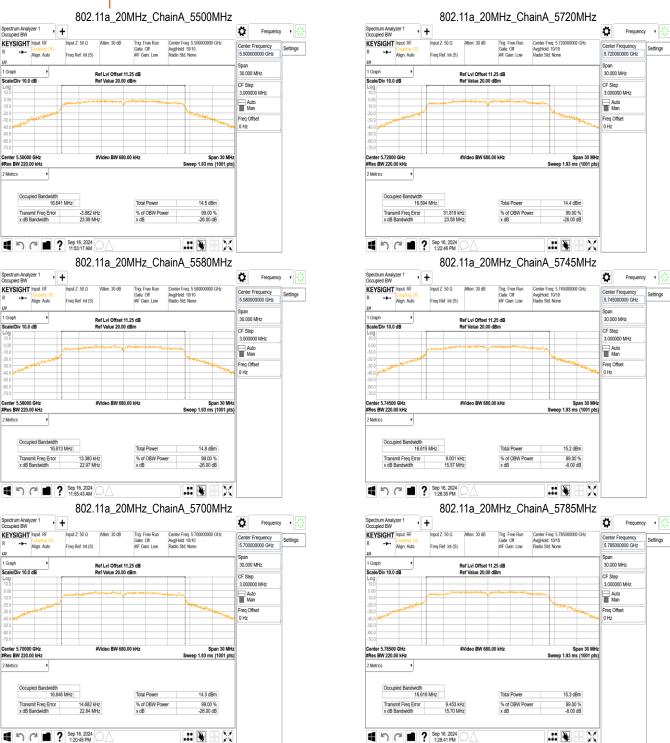
■ Sep 16, 2024 11:51:05 AM

Sep 16, 2024

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Page: 141 of 1318



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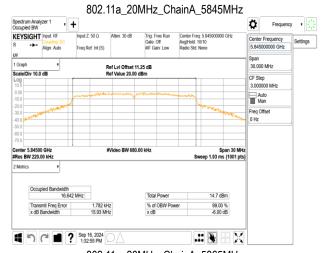
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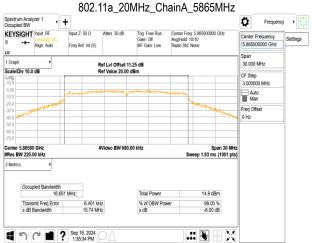
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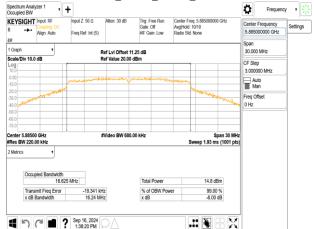
Page: 142 of 1318

802.11a 20MHz ChainA 5825MHz Spectrum Analyzer 1 Frequency • ٥ Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF ut 7: 50 0 Atten: 30 dB 5.82500 1 Graph Auto Man Freq Offse 0 Hz Occupied Bandwidth 16.637 MHz 14.9 dBm Transmit Freq Error x dB Bandwidth % of OBW Power x dB 99.00 % -6.00 dB ■ ? Sep 16, 2024 1:30:34 PM





802.11a 20MHz ChainA 5885MHz



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Page: 143 of 1318

Mode: Chain B

802.11a ChB

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5180	16.614	12.200
5220	16.617	12.210
5240	16.682	12.220
5260	16.663	12.220
5300	16.633	12.210
5320	16.619	12.210
5500	16.663	12.220
5580	16.658	12.220
5700	16.686	12.220
5720(U-NII 2C)	13.338	11.250
5720(U-NII 3)	3.338	5.230

802.11a ChB

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5745	16.631	16.250
5785	16.657	15.950
5825	16.671	15.810
5845(U-NII 3)	13.342	15.950
5845(U-NII 4)	3.342	2.950
5865	16.688	15.790
5885	16.642	15.870

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Frequency •

Settings

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Auto Man

Freq Offse 0 Hz

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5.300000000 GHz

30.000 MHz

Auto Man

Freq Offset 0 Hz

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30.000 MH

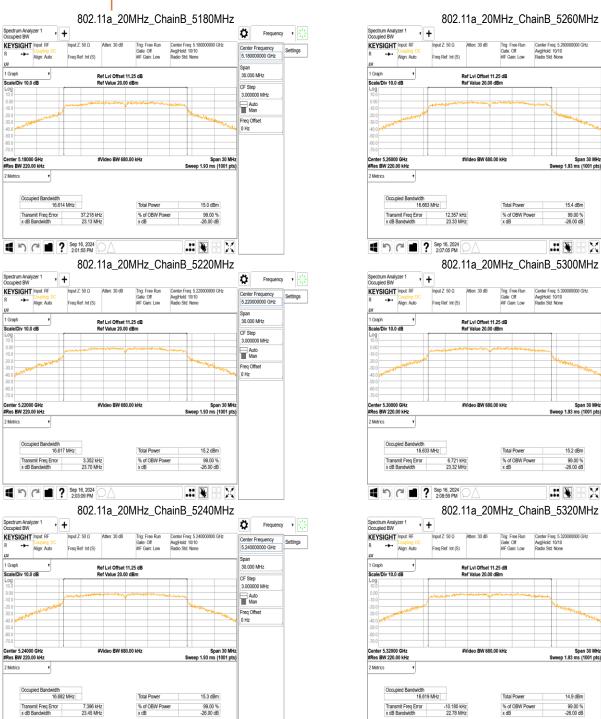
3.000000 MHz Auto Man

Freq Offse

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Frequency v

Page: 144 of 1318



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Frequency •

Settings

٥

Auto Man

Freq Offset 0 Hz

٥

5.745000000 GHz

30.000 MHz

Auto Man

Freq Offset 0 Hz

٥

30.000 MH

3.000000 MHz

Auto Man Freq Offse

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Frequency v

5.720000000 GHz

Page: 145 of 1318

802.11a 20MHz ChainB 5500MHz 802.11a 20MHz ChainB 5720MHz Spectrum Analyzer 1 Frequency • Spectrum Analyzer 1 Occupied BW ٥ Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF ut 7: 50 0 Atten: 30 dB KEYSIGHT Input: RF 1 Graph 1 Graph Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Freq Offse 0 Hz Occupied Bandwidth 16.677 MHz Occupied Bandwi vidth 16.663 MHz 14.3 dBm Total Powe 14.6 dBm Transmit Freq Error x dB Bandwidth % of OBW Power x dB % of OBW Power x dB Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB 99.00 % -26.00 dB Sep 16, 2024 2:12:09 PM .# 🕦 🖁 💢 ■ 9 C ■ ? Sep 16, 2024 2:17:52 PM .: 👺 🗄 💢 802.11a_20MHz_ChainB_5580MHz 802.11a_20MHz_ChainB_5745MHz Spectrum Analyzer 1 Occupied BW Spectrum Analyzer 1 Occupied BW Frequency • ٥ KEYSIGHT Input: RF Atten: 30 dB Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Atten: 30 dB 5.580000000 GH 30.000 MHz Ref Lvi Offset 11.25 dB Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Freq Offset 2 Metrics Occupied Bandwidth 16.658 MHz Occupied Bandwidth 16.631 MHz % of OBW Power 99.00 % -26.00 dB mit Freq Error % of OBW Power x dB 99.00 % -6.00 dB Sep 16, 2024 2:14:02 PM .# 🕦 H X ■ 9 C ■ ? Sep 16, 2024 2:20:20 PM .:: 👺 🖽 💢 802.11a_20MHz_ChainB_5700MHz 802.11a 20MHz ChainB 5785MHz Spectrum Analyzer 1 ٥ KEYSIGHT Input: RF KEYSIGHT Input: RF Freq Ref: Int (S) Freq Ref: Int (S) Span 30.000 MHa Ref Lvi Offset 11.25 dB Ref Value 20.00 dBm Ref Lvi Offset 11.25 dB Ref Value 20.00 dBm ile/Div 10.0 dE CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz Center 5.70000 GHz #Res BW 220.00 kHz #Video BW 680.00 kHz ter 5.78500 GHz #Video BW 680.00 kHz Center 5.78500 GHz #Res BW 220.00 kHz Sweep 1.93 ms (1001 pts Occupied Bandwidth 16.686 MHz Occupied Bandwidth 16.657 MHz Total Power 14.5 dBm Total Power 15.2 dBm Transmit Freq Error x dB Bandwidth Transmit Freq Error x dB Bandwidth % of OBW Power x dB 99.00 % -26.00 dB % of OBW Power x dB

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