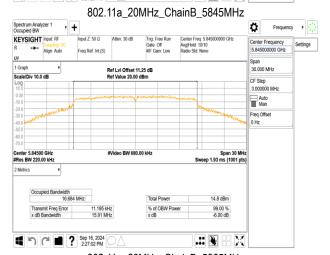


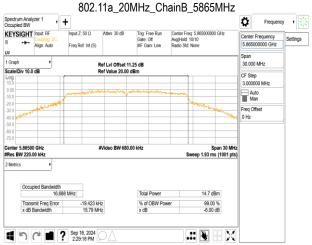
99.00 % -6.00 dB

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#### 802.11a 20MHz ChainB 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 16.671 MHz 15.0 dBm Transmit Freq Error x dB Bandwidth % of OBW Power x dB 99.00 % -6.00 dB Sep 16, 2024 2:24:20 PM





Spectrum Analyzer 1 Occupied BW Frequency • ٥ KEYSIGHT Input: RF Settings 1 Graph Scale/Div 10.0 dB Auto Man Freq Offset 0 Hz Occupied Bandwidth 16.642 MHz Total Powe 14.7 dBm % of OBW Power x dB

Transmit Freq Error x dB Bandwidth

Sep 16, 2024 2:31:22 PM

802.11a 20MHz ChainB 5885MHz

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# Mode: Chain A + Chain B

#### 802.11n HT20 ChA

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5180	17.767	12.500
5220	17.776	12.500
5240	17.760	12.490
5260	17.783	12.500
5300	17.792	12.500
5320	17.778	12.500
5500	17.753	12.490
5580	17.775	12.500
5700	17.788	12.500
5720(U-NII 2C)	13.895	11.430
5720(U-NII 3)	3.895	5.910

#### 802.11n\_HT20\_ChA

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5745	17.759	17.370
5785	17.773	17.600
5825	17.746	16.580
5845(U-NII 3)	13.887	13.560
5845(U-NII 4)	3.887	3.560
5865	17.772	17.200
5885	17.786	17.330

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## 802.11n\_HT20\_ChB

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5180	17.811	12.510
5220	17.764	12.500
5240	17.774	12.500
5260	17.771	12.500
5300	17.730	12.490
5320	17.756	12.490
5500	17.755	12.490
5580	17.761	12.490
5700	17.768	12.500
5720(U-NII 2C)	13.873	11.420
5720(U-NII 3)	3.873	5.880

## 802.11n\_HT20\_ChB

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5745	17.760	16.930
5785	17.786	17.490
5825	17.804	17.250
5845(U-NII 3)	13.871	13.350
5845(U-NII 4)	3.871	3.350
5865	17.726	17.190
5885	17.765	17.330

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#### 802.11n HT40 ChA

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5190	35.997	15.560
5230	36.059	15.570
5270	36.011	15.560
5310	36.034	15.570
5510	36.029	15.570
5550	36.047	15.570
5670	35.976	15.560
5710(U-NII 2C)	33.029	15.190
5710(U-NII 3)	3.029	4.810

## 802.11n\_HT40\_ChA

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5755	35.993	33.020
5795	36.031	35.710
5835(U-NII 3)	32.999	32.990
5835(U-NII 4)	2.999	2.990
5875	36.017	34.910

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#### 802.11n HT40 ChB

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5190	36.012	15.560
5230	35.966	15.560
5270	35.989	15.560
5310	36.026	15.570
5510	36.005	15.560
5550	35.986	15.560
5670	36.025	15.570
5710(U-NII 2C)	33.043	15.190
5710(U-NII 3)	3.043	4.830

## 802.11n\_HT40\_ChB

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5755	36.027	35.760
5795	36.029	36.010
5835(U-NII 3)	33.001	32.800
5835(U-NII 4)	3.001	2.800
5875	36.024	36.030

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## 802.11ac\_VHT20\_ChA

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5180	17.767	12.500
5220	17.776	12.500
5240	17.760	12.490
5260	17.783	12.500
5300	17.792	12.500
5320	17.778	12.500
5500	17.753	12.490
5580	17.775	12.500
5700	17.788	12.500
5720(U-NII 2C)	13.895	11.430
5720(U-NII 3)	3.895	5.910

## 802.11ac\_VHT20\_ChA

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5745	17.759	17.37
5785	17.773	17.60
5825	17.746	16.58
5845(U-NII 3)	13.887	13.560
5845(U-NII 4)	3.887	3.560
5865	17.772	17.200
5885	17.786	17.330

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#### 802.11ac VHT20 ChB

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5180	17.811	12.510
5220	17.764	12.500
5240	17.774	12.500
5260	17.771	12.500
5300	17.730	12.490
5320	17.756	12.490
5500	17.755	12.490
5580	17.761	12.490
5700	17.768	12.500
5720(U-NII 2C)	13.873	11.420
5720(U-NII 3)	3.873	5.880

## 802.11ac\_VHT20\_ChB

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5745	17.760	16.93
5785	17.786	17.49
5825	17.804	17.25
5845(U-NII 3)	13.871	13.350
5845(U-NII 4)	3.871	3.350
5865	17.726	17.190
5885	17.765	17.330

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## 802.11ac\_VHT40\_ChA

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5190	35.997	15.560
5230	36.059	15.570
5270	36.011	15.560
5310	36.034	15.570
5510	36.029	15.570
5550	36.047	15.570
5670	35.976	15.560
5710(U-NII 2C)	33.029	15.190
5710(U-NII 3)	3.029	4.810

## 802.11ac\_VHT40\_ChA

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5755	35.993	33.02
5795	36.031	35.71
5835(U-NII 3)	32.999	32.990
5835(U-NII 4)	2.999	2.990
5875	36.017	34.910

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## 802.11ac\_VHT40\_ChB

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5190	36.012	15.560
5230	35.966	15.560
5270	35.989	15.560
5310	36.026	15.570
5510	36.005	15.560
5550	35.986	15.560
5670	36.025	15.570
5710(U-NII 2C)	33.043	15.190
5710(U-NII 3)	3.043	4.830

## 802.11ac\_VHT40\_ChB

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5755	36.027	35.76
5795	36.029	36.01
5835(U-NII 3)	33.001	32.800
5835(U-NII 4)	3.001	2.800
5875	36.024	36.030

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## 802.11ac\_VHT80\_ChA

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5210	75.001	18.750
5290	75.192	18.760
5530	75.280	18.770
5610	75.218	18.760
5690(U-NII 2C)	72.663	18.610
5690(U-NII 3)	2.663	4.250

## 802.11ac\_VHT80\_ChA

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5775	75.218	75.180
5855(U-NII 3)	72.658	72.640
5855(U-NII 4)	2.658	2.640

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#### 802.11ac VHT80 ChB

<u> </u>		
Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5210	75.169	18.760
5290	75.197	18.760
5530	75.225	18.760
5610	75.215	18.760
5690(U-NII 2C)	72.607	18.610
5690(U-NII 3)	2.607	4.160

## 802.11ac\_VHT80\_ChB

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5775	74.989	72.070
5855(U-NII 3)	72.619	72.640
5855(U-NII 4)	2.619	2.640

## 802.11ac\_VHT160\_ChA

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5250	152.79	21.840
5570	153.96	21.870

# 802.11ac\_VHT160\_ChA

Frequency (MHz)	99% BW	6dB BW
5815(U-NII 3)	(MHz) 112.050	<b>(MHz)</b> 112.150
5815(U-NII 4)	42.050	42.150

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## 802.11ac\_VHT160\_ChB

Frequency (MHz)	99% BW (MHz)	10 Log (B) (dB)
5250	153.91	21.870
5570	153.89	21.870

## 802.11ac\_VHT160\_ChB

Frequency (MHz)	99% BW (MHz)	6dB BW (MHz)
5815(U-NII 3)	112.035	107.550
5815(U-NII 4)	42.035	37.550

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802.11ax HE20 ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	18.908	12.770
5180	26/0	18.254	12.610
5100	52/37	17.786	12.500
	106/53	17.507	12.430
5220	full	18.927	12.770
5240	full	18.914	12.770
5260	full	18.862	12.760
5300	full	18.901	12.760
	full	18.911	12.770
5320	26/8	16.584	12.200
5520	52/40	17.109	12.330
	106/54	17.903	12.530
	full	18.895	12.760
5500	26/0	17.388	12.400
5500	52/37	17.226	12.360
	106/53	17.843	12.510
5580	full	18.876	12.760
	full	18.894	12.760
5700	26/8	17.422	12.410
3700	52/40	17.309	12.380
	106/54	17.671	12.470
5720(U-NII 2C)	full	14.459	11.600
5720(U-NII 3)	full	4.459	6.490

#### 802.11ax\_HE20\_ChA

Frequency		99%	6dB
(MHz)	RU config	BW	BW
(111112)		(MHz)	(MHz)
	full	18.902	18.630
5745	26/0	17.945	2.009
3743	52/37	17.092	4.019
	106/53	17.371	8.260
5785	full	18.922	18.670
	full	18.938	18.850
5825	26/8	17.790	2.042
3023	52/40	17.096	4.071
	106/54	15.968	8.231
5845(U-NII 3)	full	14.442	14.340
5845(U-NII 4)	full	4.442	4.340
	full	18.913	18.470
5865	26/0	17.446	1.914
5005	52/37	18.125	4.043
	106/53	18.105	8.280
	full	18.911	18.380
5885	26/8	17.735	1.998
5005	52/40	17.831	4.038
	106/54	17.045	8.122

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802.11ax\_HE20\_ChB

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	18.927	12.770
5180	26/0	17.019	12.310
5100	52/37	17.645	12.470
	106/53	17.113	12.330
5220	full	18.900	12.760
5240	full	18.901	12.760
5260	full	18.906	12.770
5300	full	18.893	12.760
	full	18.867	12.760
5320	26/8	17.959	12.540
5320	52/40	17.417	12.410
	106/54	17.210	12.360
	full	18.884	12.760
5500	26/0	17.475	12.420
5500	52/37	17.991	12.550
	106/53	17.406	12.410
5580	full	18.887	12.760
	full	18.900	12.760
F700	26/8	17.611	12.460
5700	52/40	18.200	12.600
	106/54	17.602	12.460
5720(U-NII 2C)	full	14.447	11.600
5720(U-NII 3)	full	4.447	6.480

#### 802.11ax\_HE20\_ChB

Frequency	DU	99%	6dB
(MHz)	RU config	BW	BW
, ,		(MHz)	(MHz)
	full	18.914	17.960
5745	26/0	16.056	1.981
3743	52/37	17.737	4.056
	106/53	17.893	8.182
5785	full	18.961	18.770
	full	18.918	17.660
5825	26/8	17.610	1.969
3023	52/40	17.536	4.079
	106/54	17.994	10.730
5845(U-NII 3)	full	14.473	13.620
5845(U-NII 4)	full	4.473	3.620
	full	18.926	18.720
5865	26/0	17.225	1.984
3003	52/37	16.476	4.014
	106/53	15.754	8.133
	full	18.927	18.610
5885	26/8	17.453	2.101
3000	52/40	17.205	3.979
	106/54	17.047	8.130

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#### 802.11ax HE40 ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
5190	full	37.527	15.740
5190	242/61	18.654	12.710
5230	full	37.442	15.730
5270	full	37.435	15.730
5310	full	37.481	15.740
5510	242/62	18.739	12.730
FF10	full	37.526	15.740
5510	242/61	18.675	12.710
5550	full	37.466	15.740
F670	full	37.550	15.750
5670	242/62	18.615	12.700
5710(U-NII 2C)	full	33.716	15.280
5710(U-NII 3)	full	3.716	5.700

## 802.11ax\_HE40\_ChA

Frequency		99%	6dB
(MHz)	RU config	BW	BW
(1411 12)		(MHz)	(MHz)
5755	full	37.516	37.16
3733	242/61	18.682	17.26
5795	full	37.506	36.77
3793	242/62	18.640	18.05
5835(U-NII 3)	full	33.711	33.22
5835(U-NII 4)	full	3.711	3.22
5875	full	37.494	37.55
	242/61	18.644	17.82
	242/62	18.592	18.43

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## 802.11ax\_HE40\_ChB

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
5190	full	37.541	15.750
5190	242/61	18.621	12.700
5230	full	37.401	15.730
5270	full	37.456	15.740
5310	full	37.426	15.730
3310	242/62	18.709	12.720
5510	full	37.610	15.750
5510	242/61	18.576	12.690
5550	full	37.548	15.750
F670	full	37.425	15.730
5670	242/62	18.659	12.710
5710(U-NII 2C)	full	33.761	15.280
5710(U-NII 3)	full	3.761	5.750

## 802.11ax\_HE40\_ChB

Frequency		99%	6dB
(MHz)	RU config	BW	BW
(1411 12)		(MHz)	(MHz)
5755	full	37.474	36.07
5755	242/61	18.691	17.87
5795	full	37.470	37.26
5/95	242/62	18.687	18.42
5835(U-NII 3)	full	33.779	33.32
5835(U-NII 4)	full	3.779	3.32
5875	full	37.513	37.07
	242/61	18.684	17.98
	242/62	18.643	17.96

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## 802.11ax\_HE80\_ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
5210	full	76.785	18.850
5210	484/65	37.336	15.720
5290	full	76.647	18.840
5290	484/66	37.137	15.700
5530	full	76.522	18.840
	484/65	37.079	15.690
5610	full	76.748	18.850
	484/66	37.160	15.700
5690(U-NII 2C)	full	73.404	18.660
5690(U-NII 3)	full	3.404	5.320

#### 802.11ax HE80 ChA

F		99%	6dB
Frequency	RU config	BW	BW
(MHz)	_	(MHz)	(MHz)
	full	76.527	76.75
5775	484/65	37.278	36.98
	484/66	37.187	34.11
5855(U-NII 3)	full	73.350	70.09
5855(U-NII 4)	full	3.350	0.09

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## 802.11ax\_HE80\_ChB

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
5210	full	76.654	18.850
5210	484/65	37.303	15.720
5290	full	76.636	18.840
3290	484/66	37.232	15.710
5530	full	76.550	18.840
	484/65	37.237	15.710
5610	full	76.792	18.850
5610	484/66	37.160	15.700
5690(U-NII 2C)	full	73.342	18.650
5690(U-NII 3)	full	3.342	5.240

#### 802.11ax HE80 ChB

		99%	6dB
Frequency	RU config	BW	BW
(MHz)	_	(MHz)	(MHz)
	full	76.689	69.84
5775	484/65	37.197	36.46
	484/66	37.274	36.92
5855(U-NII 3)	full	73.324	72.15
5855(U-NII 4)	full	3.324	2.15

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#### 802.11ax HE160 ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	154.57	21.890
5250	996/67	77.04	18.870
	996/S67	77.21	18.880
5570	full	154.92	21.900
	996/67	77.04	18.870
	996/S67	77.21	18.880

#### 802.11ax\_HE160\_ChA

Fr	equency (MHz)	99% BW (MHz)	6dB BW (MHz)
5815(U-NII 3)	full	112.710	111.500
5815(U-NII 4)	full	42.710	41.500

## 802.11ax\_HE160\_ChB

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	155.28	21.910
5250	996/67	76.97	18.860
	996/S67	76.91	18.860
5570	full	155.63	21.920
	996/67	77.01	18.870
	996/S67	77.09	18.870

## 802.11ax\_HE160\_ChB

Fr	equency (MHz)	99% BW (MHz)	6dB BW (MHz)
5815(U-NII 3)	full	112.380	109.950
5815(U-NII 4)	full	42.380	39.950

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#### 802 11ha EHT20 ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	18.920	12.770
	26/0	17.713	12.480
	52/37	18.081	12.570
5180	106/53	16.383	12.140
	52+26 MRU1	15.148	11.800
	106+26 MRU1	17.582	12.450
5220	full	18.889	12.760
5240	full	18.895	12.760
5260	full	18.909	12.770
5300	full	18.921	12.770
	full	18.946	12.780
	26/8	17.120	12.340
5320	52/40	17.054	12.320
5320	106/54	17.371	12.400
	52+26 MRU3	15.191	11.820
	106+26 MRU2	17.099	12.330
	full	18.923	12.770
	26/0	17.918	12.530
5500	52/37	17.323	12.390
5500	106/53	17.774	12.500
	52+26 MRU1	15.573	11.920
	106+26 MRU1	17.147	12.340
5580	full	18.908	12.770
	full	18.927	12.770
	26/8	18.008	12.550
5700	52/40	17.214	12.360
5700	106/54	17.153	12.340
	52+26 MRU3	15.201	11.820
	106+26 MRU2	15.991	12.040
5720(U-NII 2C)	full	14.453	11.600
5720(U-NII 3)	full	4.453	6.490

#### 802.11be\_EHT20\_ChA

Frequency	RU config	99% BW	6dB BW
(MHz)	KO Colling	(MHz)	(MHz)
	full	18.885	18.660
	26/0	17.146	1.952
5745	52/37	16.492	3.983
5/45	106/53	16.237	8.311
	52+26 MRU1	15.797	6.007
	106+26 MRU1	14.811	10.750
5785	full	18.939	18.540
	full	18.893	18.350
	26/8	17.494	1.999
5005	52/40	16.012	3.998
5825	106/54	17.282	8.294
	52+26 MRU3	12.079	6.147
	106+26 MRU2	17.211	10.720
5845(U-NII 3)	full	14.451	14.190
5845(U-NII 4)	full	4.451	4.190
	full	18.883	18.590
	26/0	17.508	2.204
5865	52/37	17.763	4.037
2002	106/53	17.021	8.211
	52+26 MRU1	13.967	6.166
	106+26 MRU1	17.539	10.740
	full	18.906	18.01
Ī	26/8	17.294	2.070
5885	52/40	17.004	4.019
2002	106/54	16.299	8.170
	52+26 MRU3	15.650	6.111
ļ	106+26 MRU2	17.953	10.850

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#### 902 11ha EUT20 ChR

802.11be_EHT20_ Frequency		99%	10 Log (B)
(MHz)	RU config	BW (MHz)	(dB)
	full	18.890	12.760
	26/0	17.612	12.460
5180	52/37	17.046	12.320
5100	106/53	17.653	12.470
	52+26 MRU1	15.278	11.840
	106+26 MRU1	17.085	12.330
5220	full	18.923	12.770
5240	full	18.945	12.770
5260	full	18.898	12.760
5300	full	18.921	12.770
	full	18.911	12.770
	26/8	16.484	12.170
5320	52/40	18.242	12.610
5520	106/54	17.258	12.370
	52+26 MRU3	14.622	11.650
	106+26 MRU2	17.386	12.400
	full	18.902	12.770
	26/0	16.685	12.220
5500	52/37	17.164	12.350
5500	106/53	17.950	12.540
	52+26 MRU1	15.342	11.860
	106+26 MRU1	17.027	12.310
5580	full	18.895	12.760
	full	18.940	12.770
	26/8	17.584	12.450
5700	52/40	17.333	12.390
5700	106/54	17.812	12.510
	52+26 MRU3	15.288	11.840
	106+26 MRU2	14.513	11.620
5720(U-NII 2C)	full	14.445	11.600
5720(U-NII 3)	full	4.445	6.480

#### 802.11be\_EHT20\_ChB

Frequency		99%	6dB
(MHz)	RU config	BW	BW
(WITIZ)		(MHz)	(MHz)
	full	18.895	18.160
	26/0	17.293	2.043
5745	52/37	16.026	4.043
3743	106/53	17.532	8.167
	52+26 MRU1	14.406	6.039
	106+26 MRU1	15.213	10.730
5785	full	18.888	18.820
	full	18.930	18.840
	26/8	17.275	1.947
5825	52/40	17.030	3.892
5025	106/54	17.751	8.304
	52+26 MRU3	13.874	6.144
	106+26 MRU2	17.964	10.780
5845(U-NII 3)	full	14.444	14.400
5845(U-NII 4)	full	4.444	4.400
	full	18.939	17.91
	26/0	17.772	2.047
5865	52/37	17.756	4.005
5005	106/53	17.780	8.228
	52+26 MRU1	14.844	6.178
	106+26 MRU1	17.131	10.750
	full	18.962	18.70
	26/8	17.629	2.068
5885	52/40	16.610	3.969
2002	106/54	17.651	8.165
	52+26 MRU3	15.782	6.107
	106+26 MRU2	17.196	10.720

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## 802.11be\_EHT40\_ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
5190	full	37.479	15.740
5190	242/61	18.644	12.710
5230	full	37.439	15.730
5270	full	37.598	15.750
5310	full	37.494	15.740
5310	242/62	18.661	12.710
5510	full	37.515	15.740
5510	242/61	18.658	12.710
5550	full	37.548	15.750
5670	full	37.446	15.730
5670	242/62	18.631	12.700
5710(U-NII 2C)	full	33.783	15.290
5710(U-NII 3)	full	3.783	5.780

## 802.11be\_EHT40\_ChA

Frequency		99%	6dB
(MHz)	RU config	BW	BW
(1411 12)		(MHz)	(MHz)
5755	full	37.566	36.500
3733	242/61	18.638	17.800
5795	full	37.525	36.710
5795	242/62	18.620	18.000
5835(U-NII 3)	full	33.724	33.490
5835(U-NII 4)	full	3.724	3.490
5875	full	37.435	36.960
	242/61	18.674	18.040
	242/62	18.594	17.450

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#### 802.11be EHT40 ChB

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
5190	full	37.430	15.730
5190	242/61	18.619	12.700
5230	full	37.543	15.750
5270	full	37.473	15.740
5310	full	37.546	15.750
5310	242/62	18.634	12.700
5510	full	37.522	15.740
5510	242/61	18.637	12.700
5550	full	37.495	15.740
5670	full	37.527	15.740
5670	242/62	18.785	12.740
5710(U-NII 2C)	full	33.745	15.280
5710(U-NII 3)	full	3.745	5.730

## 802.11be\_EHT40\_ChB

Frequency (MHz)	RU config	99% BW	6dB BW
(111112)		(MHz)	(MHz)
5755	full	37.381	36.850
3733	242/61	18.716	18.210
F70F	full	37.454	36.390
5795	242/62	18.594	17.720
5835(U-NII 3)	full	33.734	33.410
5835(U-NII 4)	full	3.734	3.410
5875	full	37.488	36.240
	242/61	18.655	16.810
	242/62	18.580	16.980

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#### 802.11be EHT80 ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	76.687	18.850
5210	484/65	37.556	15.750
	484+242 MRU4	58.405	17.660
	full	76.462	18.830
5290	484/66	37.547	15.750
	484+242 MRU1	58.495	17.670
	full	76.593	18.840
5530	484/65	37.497	15.740
	484+242 MRU4	58.495	17.670
5610	full	76.649	18.850
	484/66	37.581	15.750
	484+242 MRU1	58.594	17.680
5690(U-NII 2C)	full	73.395	18.660
5690(U-NII 3)	full	3.395	5.310

## 802.11be\_EHT80\_ChA

Frequency (MHz)	RU config	99% BW	6dB BW
(1411 12)		(MHz)	(MHz)
	full	76.610	74.350
5775	484/65	37.515	36.410
	484/66	37.632	36.810
	484+242 MRU1	58.514	58.800
	484+242 MRU4	58.482	58.210
5855(U-NII 3)	full	33.374	28.260
5855(U-NII 4)	full	43.374	38.260

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## 802.11be\_EHT80\_ChB

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	76.577	18.840
5210	484/65	37.644	15.760
	484+242 MRU4	58.586	17.680
	full	76.895	18.860
5290	484/66	37.616	15.750
	484+242 MRU1	58.426	17.670
	full	76.505	18.840
5530	484/65	37.504	15.740
	484+242 MRU4	58.518	17.670
	full	76.704	18.850
5610	484/66	37.600	15.750
	484+242 MRU1	58.517	17.670
5690(U-NII 2C)	full	73.416	18.660
5690(U-NII 3)	full	3.416	5.340

## 802.11be\_EHT80\_ChB

Frequency (MHz)	RU config	99% BW	6dB BW
		(MHz)	(MHz)
	full	76.535	75.540
5775	484/65	37.632	35.800
	484/66	37.536	36.910
	484+242 MRU1	58.487	58.450
	484+242 MRU4	58.485	58.730
5855(U-NII 3)	full	33.389	29.070
5855(U-NII 4)	full	43.389	39.070

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#### 802.11be EHT160 ChA

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	154.70	21.890
	996/67	76.806	18.850
	996/S67	77.173	18.870
5250	996+484 MRU1	117.230	20.690
	996+484 MRU2	157.350	21.970
	996+484+242 MRU1	137.320	21.380
	996+484+242 MRU2	156.570	21.950
5570	full	155.47	21.920
	996/67	77.247	18.880
	996/S67	77.036	18.870
	996+484 MRU3	157.200	21.960
	996+484 MRU4	117.510	20.700
	996+484+242 MRU7	156.810	21.950
	996+484+242 MRU8	137.800	21.390

## 802.11be\_EHT160\_ChA

Frequency (MHz)		99% BW (MHz)	6dB BW (MHz)
5815(U-NII 3)	full	112.970	100.550
5815(U-NII 4)	full	42.970	30.550

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#### 802.11be EHT160 ChB

Frequency (MHz)	RU config	99% BW (MHz)	10 Log (B) (dB)
	full	155.38	21.910
	996/67	76.988	18.860
	996/S67	77.206	18.880
5250	996+484 MRU1	117.240	20.690
	996+484 MRU2	157.340	21.970
	996+484+242 MRU1	137.860	21.390
	996+484+242 MRU2	156.990	21.960
5570	full	155.35	21.910
	996/67	77.084	18.870
	996/S67	77.470	18.890
	996+484 MRU3	157.230	21.970
	996+484 MRU4	117.240	20.690
	996+484+242 MRU7	157.160	21.960
	996+484+242 MRU8	137.870	21.390

## 802.11be\_EHT160\_ChB

Frequency (MHz)		99% BW (MHz)	6dB BW (MHz)
5815(U-NII 3)	full	112.635	112.550
5815(U-NII 4)	full	42.635	42.550

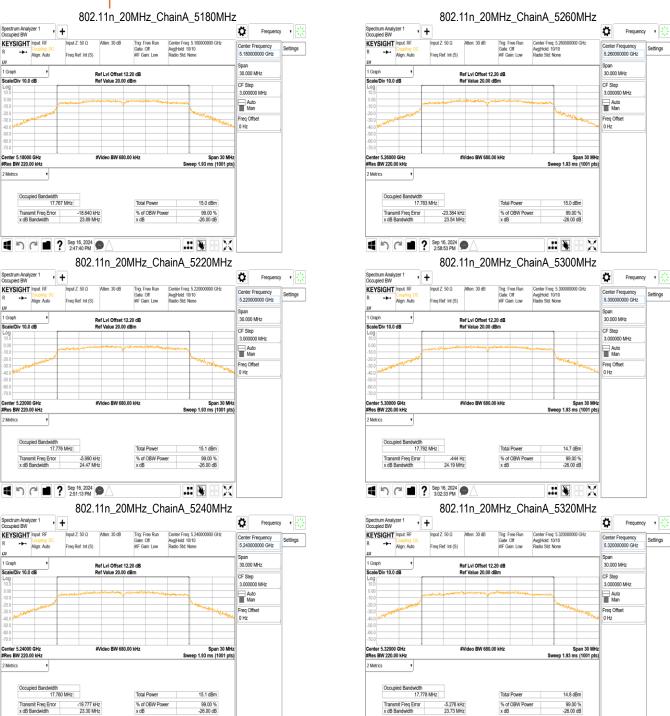
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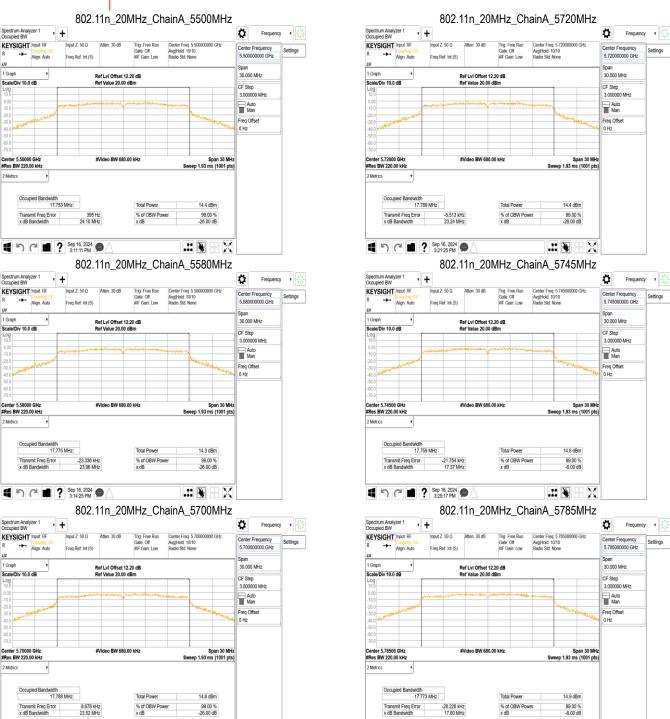


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#### 802.11n 20MHz ChainA 5825MHz 802.11n 20MHz ChainA 5885MHz Spectrum Analyzer 1 Frequency • Spectrum Analyzer 1 Occupied BW ٥ Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF ut 7: 50 0 Atten: 30 dB KEYSIGHT Input: RF 5.825000000 GH Settings 1 Graph 1 Graph Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Freq Offse 0 Hz Occupied Bandwidth 17.746 MHz Occupied Bandwidth 17.786 MHz 14.5 dBm Total Powe 14.5 dBm % of OBW Power x dB Transmit Freq Error x dB Bandwidth % of OBW Power x dB Transmit Freq Error x dB Bandwidth 99.00 % -6.00 dB 99.00 % -6.00 dB Sep 16, 2024 9 3:31:17 PM Sep 16, 2024 Si42:03 PM .:: 署 🖁 💢 .: 👺 🗄 💢 802.11n\_20MHz\_ChainA\_5845MHz 802.11n\_20MHz\_ChainB\_5180MHz Spectrum Analyzer 1 Occupied BW Spectrum Analyzer 1 Occupied BW Frequency • ٥ KEYSIGHT Input: RF KEYSIGHT Input: RF Atten: 30 dB Trig: Free Run Gate: Off #IF Gain: Low Atten: 30 dB Freq Ref: Int (S) 5.845000000 GH 30.000 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Freq Offset 0 Hz 2 Metrics Occupied Bandwidth 17.775 MHz Occupied Bandwidth 17.811 MHz % of OBW Power mit Freq Error 99.00 % -6.00 dB mit Freq Error % of OBW Power x dB 99.00 % -26.00 dB ■ ? Sep 26, 2024 ● 3:48:54 PM .# 🕦 H X ■ ? Sep 16, 2024 ● .:: 👺 🖽 💢 802.11n\_20MHz\_ChainA\_5865MHz 802.11n 20MHz ChainB 5220MHz Spectrum Analyzer 1 ٥ KEYSIGHT Input: RF KEYSIGHT Input: RF Freq Ref: Int (S) Freq Ref: Int (S) 30.000 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm ile/Div 10.0 dE 3.000000 MHz Auto Man Freq Offset 0 Hz Center 5.86500 GHz #Res BW 220.00 kHz #Video BW 680.00 kHz ter 5.22000 GHz #Video BW 680.00 kHz Span 30 MHz Sweep 1.93 ms (1001 pts) Center 5.22000 GHz #Res BW 220.00 kHz Sweep 1.93 ms (1001 pts Occupied Bandwidth 17.772 MHz Occupied Bandwidth 17.764 MHz Total Power 14.5 dBm Total Power 15.3 dBm Transmit Freq Error x dB Bandwidth Transmit Freq Error x dB Bandwith % of OBW Power x dB 99.00 % -6.00 dB % of OBW Power x dB

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Frequency •

Settings

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Auto Man

Freq Offset 0 Hz

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5.500000000 GH

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

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Settings

5.320000000 GHz

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#### 802.11n 20MHz ChainB 5240MHz 802.11n 20MHz ChainB 5320MHz 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 Settings 5.240000 1 Graph 1 Graph Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Freq Offse 0 Hz Occupied Bandwidth 17.774 MHz Occupied Bandwidth 17.756 MHz 15.0 dBm Total Powe 14.7 dBm % of OBW Power x dB Transmit Freq Error x dB Bandwidth % of OBW Power x dB Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB 99.00 % -26.00 dB Sep 16, 2024 PM Sep 16, 2024 93:05:29 PM .:: 署 🖁 💢 .: 👺 🗄 💢 802.11n\_20MHz\_ChainB\_5260MHz 802.11n\_20MHz\_ChainB\_5500MHz 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 5.260000000 GH 30.000 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Freq Offset 0 Hz 2 Metrics Occupied Bandwidth 17.771 MHz Occupied Bandwidth 17.755 MHz Transmit Freq Error x dB Bandwidth % of OBW Power 99.00 % -26.00 dB % of OBW Power x dB 99.00 % -26.00 dB 1 5 C 1 ? Sep 16, 2024 9 $\mathbb{H} X$ ■ ? Sep 16, 2024 ● .:: 🔖 .:: 🔻 ::: 802.11n\_20MHz\_ChainB\_5300MHz 802.11n 20MHz ChainB 5580MHz Spectrum Analyzer 1 ٥ KEYSIGHT Input: RF Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Freq Ref: Int (S) Freq Ref: Int (S) 30.000 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm ile/Div 10.0 dE CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz #Video BW 680.00 kHz #Video BW 680.00 kHz Span 30 MHz Sweep 1.93 ms (1001 pts) Center 5.30000 GHz #Res BW 220.00 kHz Center 5.58000 GHz #Res BW 220.00 kHz Sweep 1.93 ms (1001 pts Occupied Bandwidth 17.730 MHz Occupied Bandwidth 17.761 MHz Total Power 14.8 dBm Total Power 14.4 rlRm Transmit Freq Error x dB Bandwidth Transmit Freq Error x dB Bandwith % of OBW Power x dB 99.00 % -26.00 dB % of OBW Power x dB

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#### 802.11n 20MHz ChainB 5700MHz 802.11n 20MHz ChainB 5785MHz Spectrum Analyzer 1 Frequency • Spectrum Analyzer 1 Occupied BW Frequency • ٥ ٥ Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF ut 7: 50 0 Atten: 30 dB KEYSIGHT Input: RF Settings 5.785000000 GHz Settings 5.700000 1 Graph 1 Graph Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Auto Man Freq Offse 0 Hz Freq Offset 0 Hz Occupied Bandwidth 17.768 MHz Occupied Bandwidth 17.786 MHz 14.6 dBm Total Powe 14.9 dBm % of OBW Power x dB Transmit Freq Error x dB Bandwidth % of OBW Power x dB Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB 99.00 % -6.00 dB Sep 16, 2024 9 3:17:45 PM 4 9 C 1 ? Sep 16, 2024 9 .:: 署 🖁 💢 .:: 署 🖁 💢 802.11n\_20MHz\_ChainB\_5720MHz 802.11n\_20MHz\_ChainB\_5825MHz Spectrum Analyzer 1 Occupied BW Spectrum Analyzer 1 Occupied BW Frequency • ٥ ٥ Frequency v KEYSIGHT Input: RF Atten: 30 dB Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Atten: 30 dB 5.825000000 GH 5.720000000 GH 30.000 MHz 30.000 MHz Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Scale/Div 10.0 dB Scale/Div 10.0 dB Auto Man Auto Man Freq Offset 0 Hz Freq Offset 0 Hz 2 Metrics Occupied Bandwidth 17.747 MHz Occupied Bandwidth 17.804 MHz % of OBW Power Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB % of OBW Power x dB 99.00 % -6.00 dB ■ ? Sep 16, 2024 ● .# 🕦 H X ■ ? Sep 16, 2024 ■ ? 3:31:37 PM .:: 👺 🖽 💢 802.11n\_20MHz\_ChainB\_5745MHz 802.11n 20MHz ChainB 5845MHz Spectrum Analyzer 1 ٥ ٥ KEYSIGHT Input: RF Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Freq Ref: Int (S) Freq Ref: Int (S) 30.000 MHz 30.000 MH Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm Ref Lvi Offset 12.20 dB Ref Value 20.00 dBm ile/Div 10.0 dE 3.000000 MHz 3.000000 MHz Auto Man Auto Man Freq Offse Freq Offset 0 Hz Center 5.74500 GHz #Res BW 220.00 kHz #Video BW 680.00 kHz ter 5.84500 GH: #Video BW 680.00 kHz Span 30 MHz Sweep 1.93 ms (1001 pts) #Res BW 220.00 kHz Sweep 1.93 ms (1001 pts Occupied Bandwidth 17.760 MHz Occupied Bandwidth 17.742 MHz Total Power 14.6 dBm Total Power 14 R rlRm Transmit Freq Error x dB Bandwidth Transmit Freq Error x dB Bandwirth % of OBW Power x dB 99.00 % -6.00 dB % of OBW Power x dB

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Auto Man

Freq Offset 0 Hz

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5.270000000 GHz

60.000 MHz

Auto Man

Freq Offset 0 Hz

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60.000 MHz

6.000000 MHz

Auto Man Freq Offse

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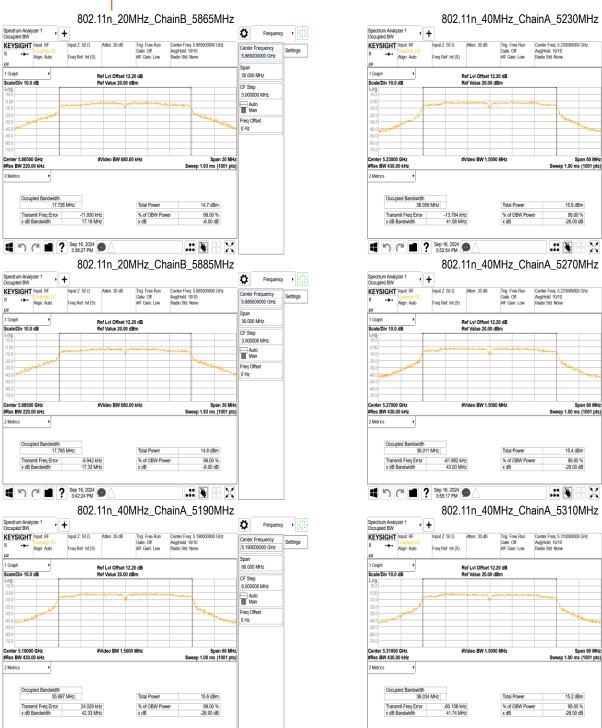
Frequency v

5.230000000 GHz

Frequency v

Settings

Page: 178 of 1318



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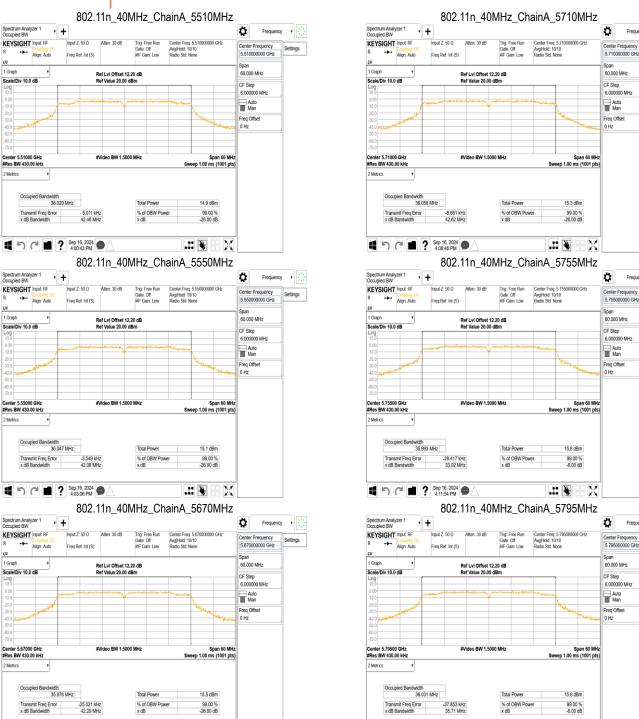


Frequency v

Frequency v

Settings

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Auto Man

Freq Offset 0 Hz

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5.270000000 GHz

60.000 MHz

Auto Man

Freq Offset 0 Hz

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60.000 MHz

6.000000 MHz Auto Man

Freq Offse

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Frequency v

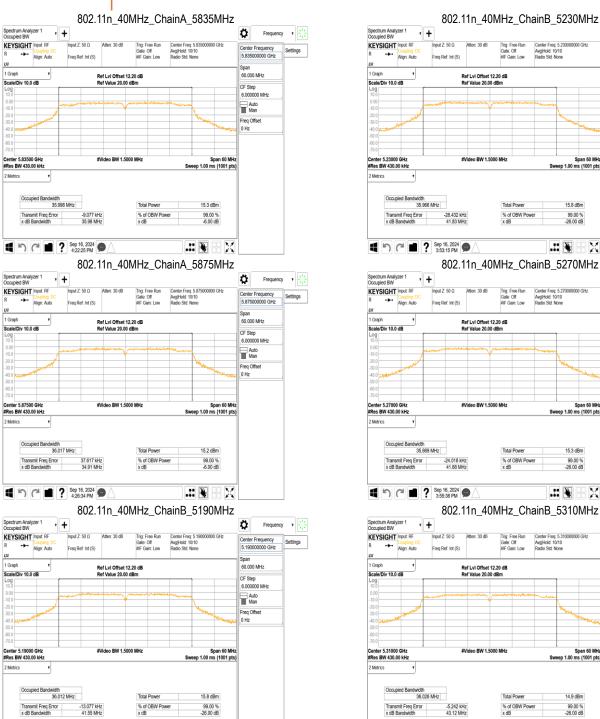
Settings

5.230000000 GHz

Frequency v

Settings

Page: 180 of 1318



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Auto Man

Freq Offset 0 Hz

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5.755000000 GHz

60.000 MHz

Auto Man

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60.000 MHz

6.000000 MHz Auto Man

Freq Offse

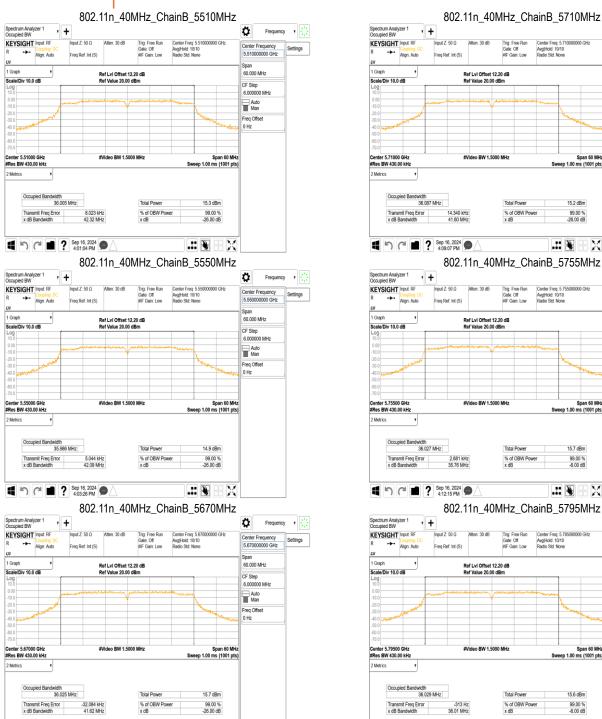
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Frequency v

Frequency v

Settings

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Frequency •

Settings

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5.290000000 GHz

120.00 MH

CF Step 12.000000 MHz

Auto Man

Freq Offse 0 Hz

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5.530000000 GHz

120.00 MHz

Auto Man

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120.00 MHz

12.000000 MHz

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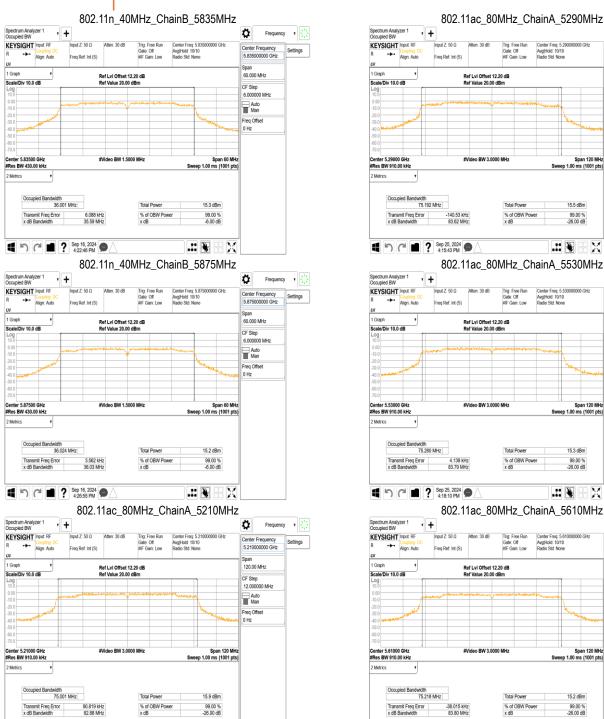
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Frequency v

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Settings

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Frequency •

Settings

٥

5.210000000 GHz

120.00 MHz

CF Step 12.000000 MHz Auto Man

Freq Offse 0 Hz

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5.290000000 GHz

120.00 MHz

Auto Man

Freq Offset 0 Hz

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120.00 MHz

12.000000 MHz

Auto Man

Freq Offse 0 Hz

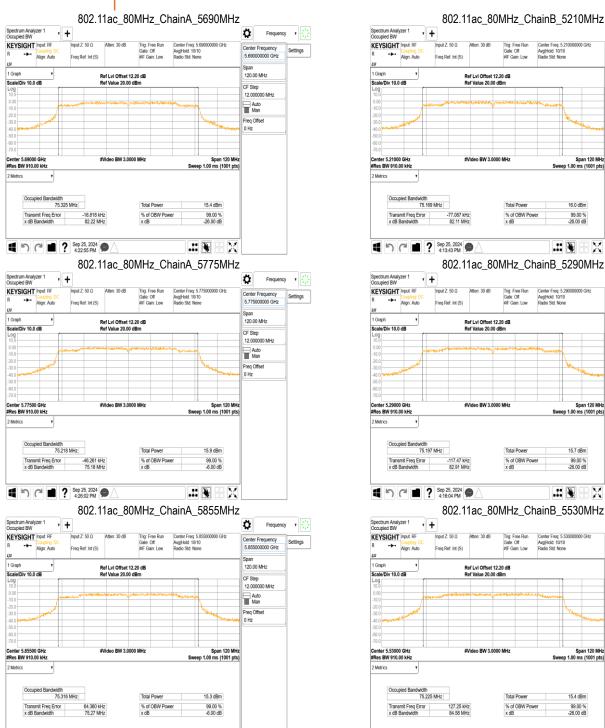
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Frequency v

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Settings

Page: 183 of 1318



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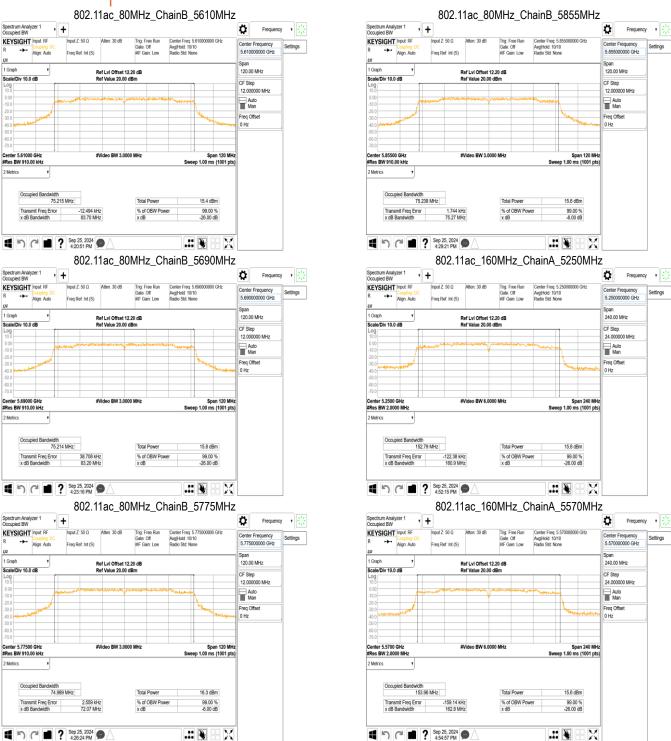
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