	48	5240	-
	149	5745	18.46
	157	5785	18.18
	165	5825	18.38
802.11n 40	38	5190	-
	46	5230	-
	151	5755	35.98
	159	5795	36.02
802.11ac 40	38	5190	-
	46	5230	-
	151	5755	36.21
	159	5795	35.92
802.11ax 40	38	5190	-
	46	5230	-
	151	5755	37.02
	159	5795	36.69
802.11ax 80	42	5210	-
	155	5775	78.06
802.11ac 80	42	5210	-
	155	5775	77.96

4.4.9 6DB BW PLOTS

Path A 11a20; 6dB BW

802.11a ch149

802.11a ch157

802.11a ch165

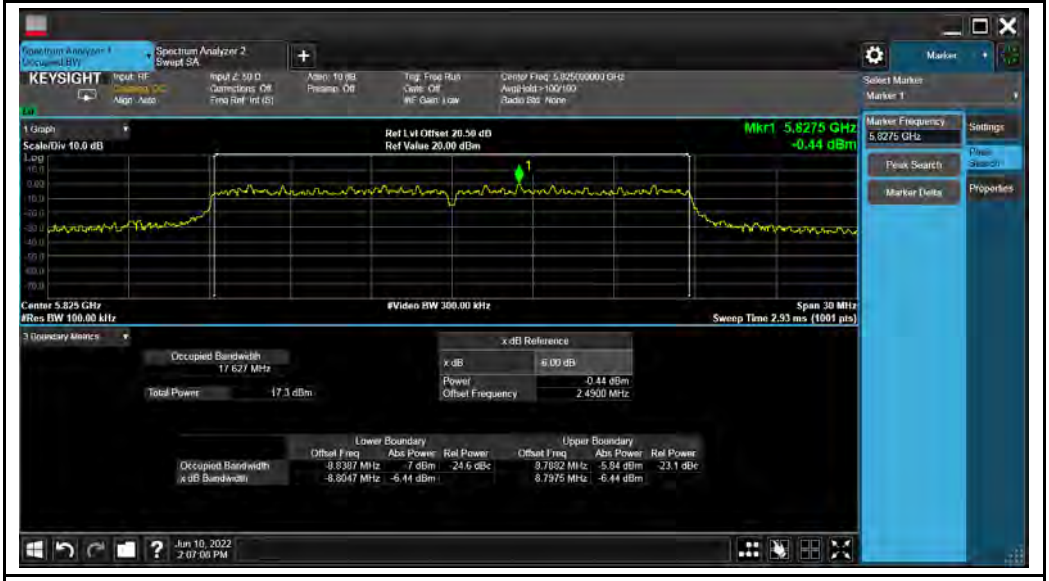
802.11n ch149

802.11n ch157

802.11n ch165

802.11ac ch149

802.11ac ch157



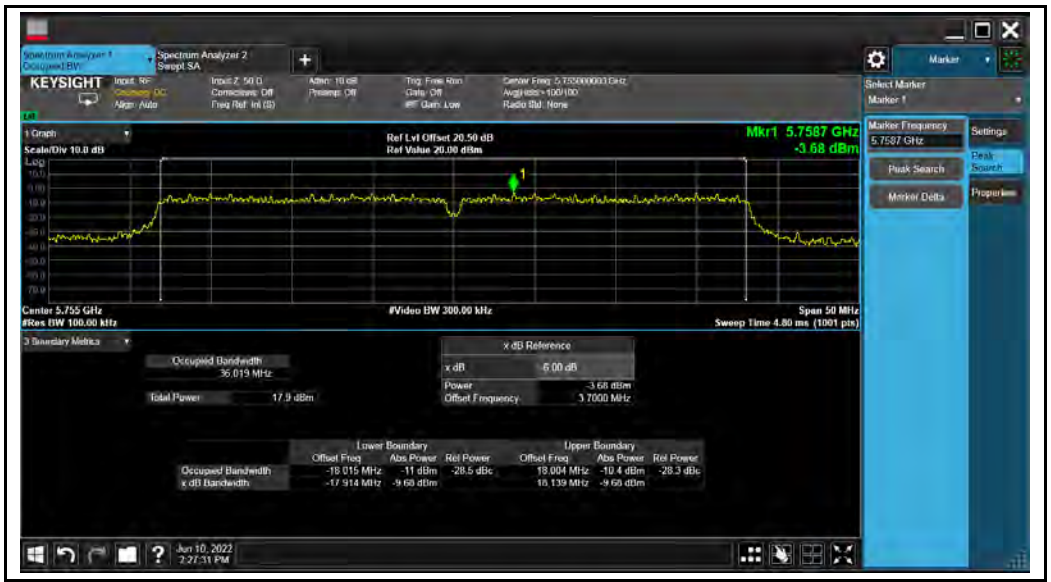
802.11ac ch165

802.11ax ch149

802.11ax ch157

802.11ax ch165

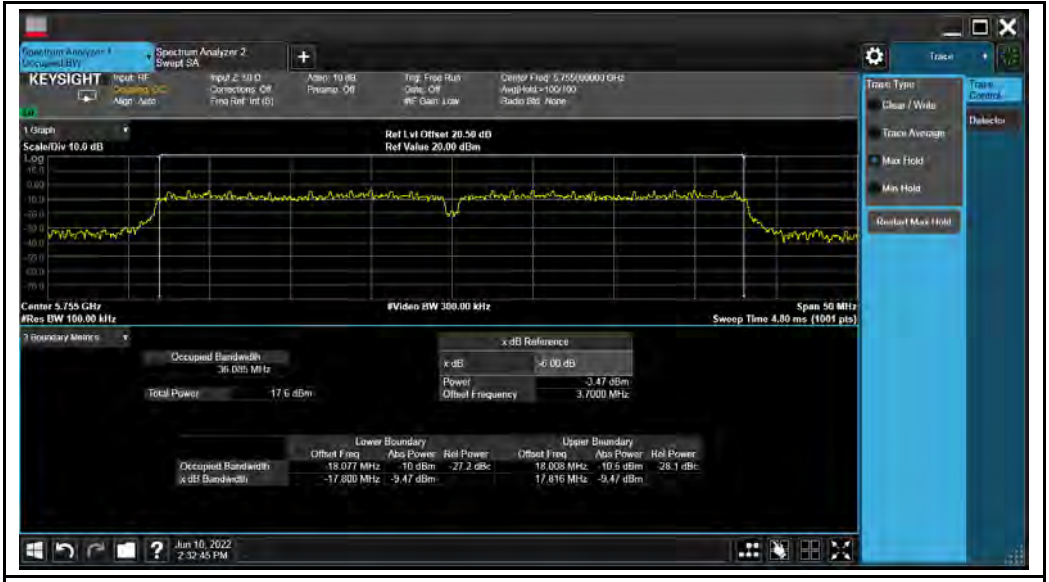
11n 40



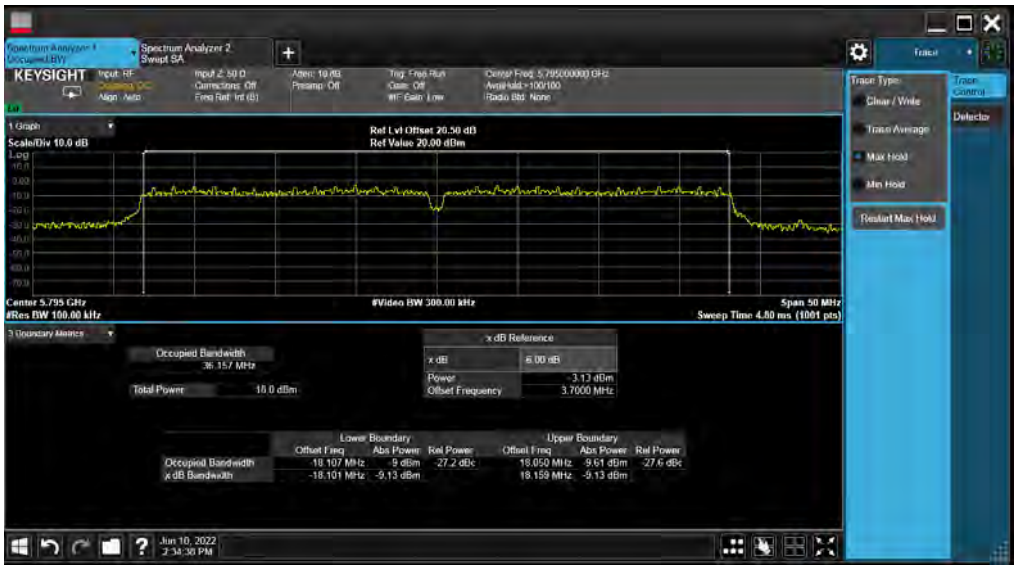
802.11 n40 ch151

802.11n40 ch159

11ac 40



802.11 ac40 ch151



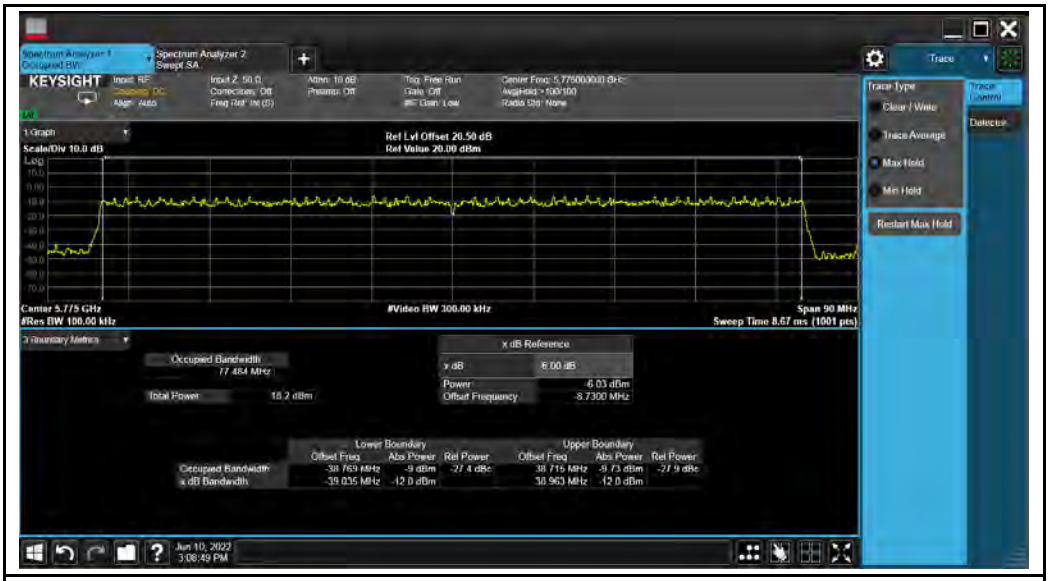
802.11ac ch159

11ax 40

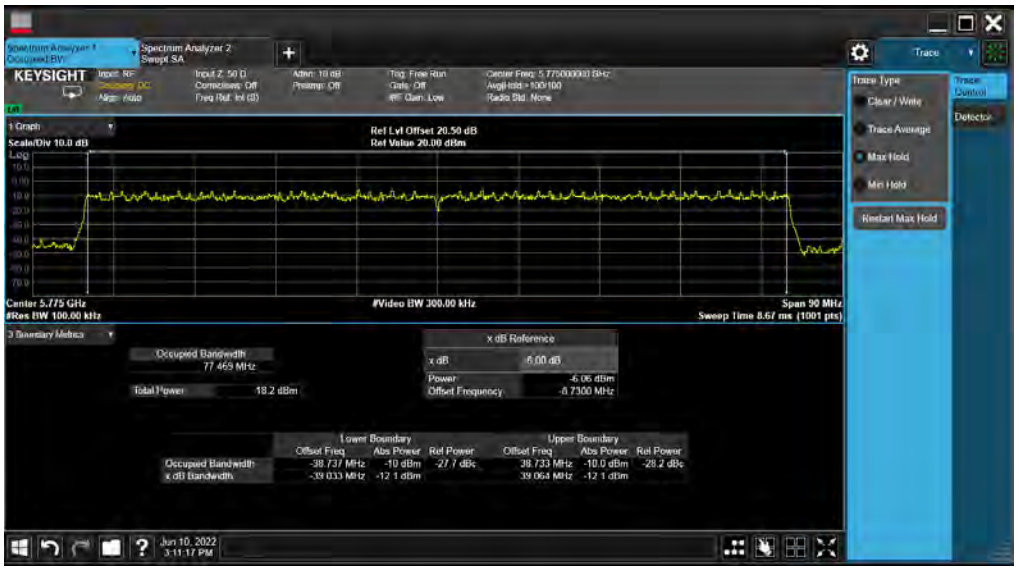
802.11ax40 ch151

802.11ax40 ch159

11ac 80 OBW



802.11ax80 ch155



802.11ac80 ch155

Path B 11a20; 6dB BW

802.11a ch149

802.11a ch157

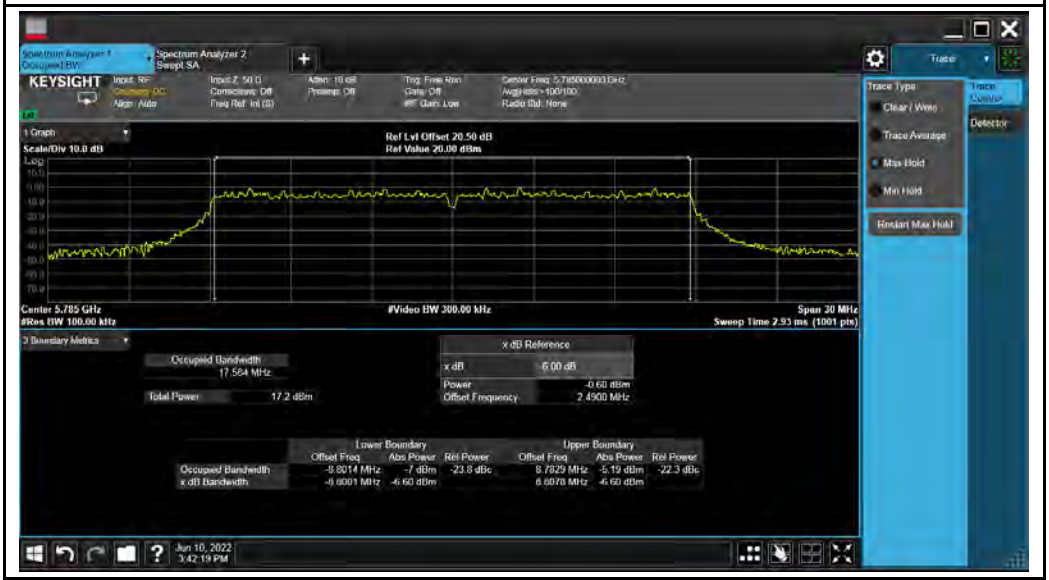
802.11a ch165

802.11n ch149

802.11n ch157

802.11n ch165

802.11ac ch149



802.11ac ch157

802.11ac ch165

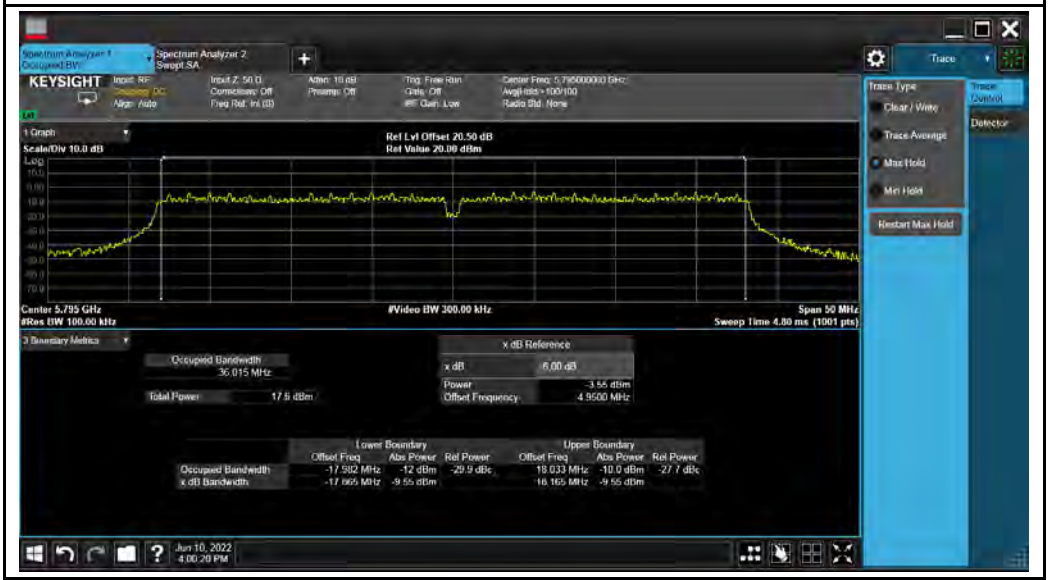
802.11ax ch149

802.11ax ch157

802.11ax ch165

11n 40

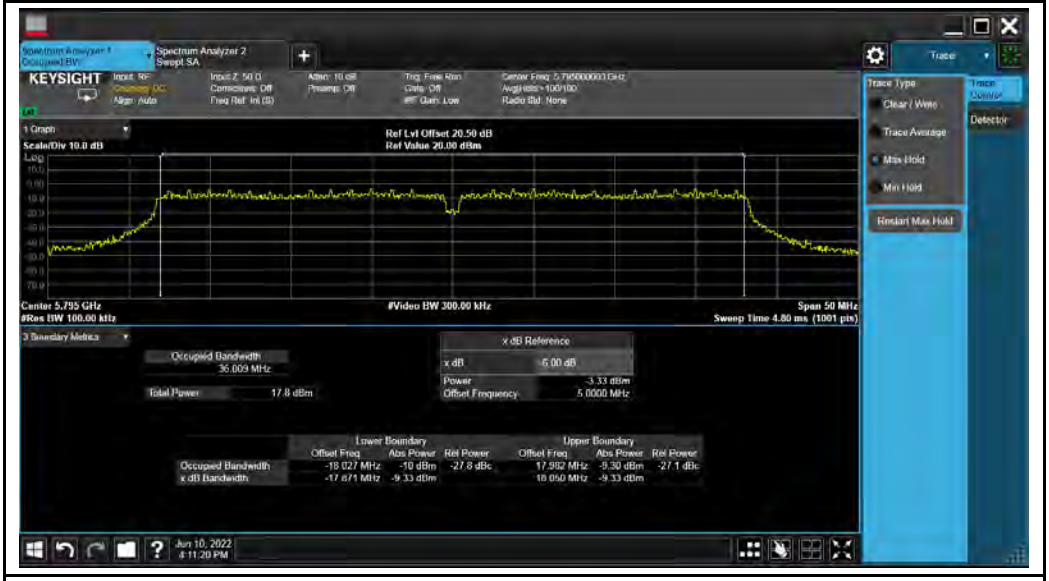
802.11 n40 ch151



802.11n40 ch159

11ac 40

802.11 ac40 ch151



802.11ac ch159

11ax 40

802.11ax40 ch151

802.11ax40 ch159

11ac 80 OBW

802.11ax80 ch155

802.11ac80 ch155

4.4.10 OCCUPIED BANDWIDTH PLOTS
Path B

802.11a ch36

802.11a ch40

802.11a ch48

802.11a ch140

802.11a ch149

802.11a ch157

802.11a ch165

802.11n20 ch36

802.11n20 ch40

802.11n20 ch48

802.11n20 ch149

802.11n20 ch157

802.11n20 ch165

802.11ac20 ch36

802.11ac20 ch40

802.11ac20 ch48

802.11ac20 ch140

802.11ac20 ch149

802.11ac20 ch157

802.11ac20 ch165

802.11ax20 ch36

802.11ax20 ch40

802.11ax20 ch48

802.11ax20 ch140

802.11ax20 ch149

802.11ax20 ch157

802.11ax20 ch165

802.11n40 ch38

802.11n40 ch46

802.11n40 ch151

802.11n40 ch159

802.11ac40 ch38

802.11ac40 ch46

802.11ac40 ch151

802.11ac40 ch159

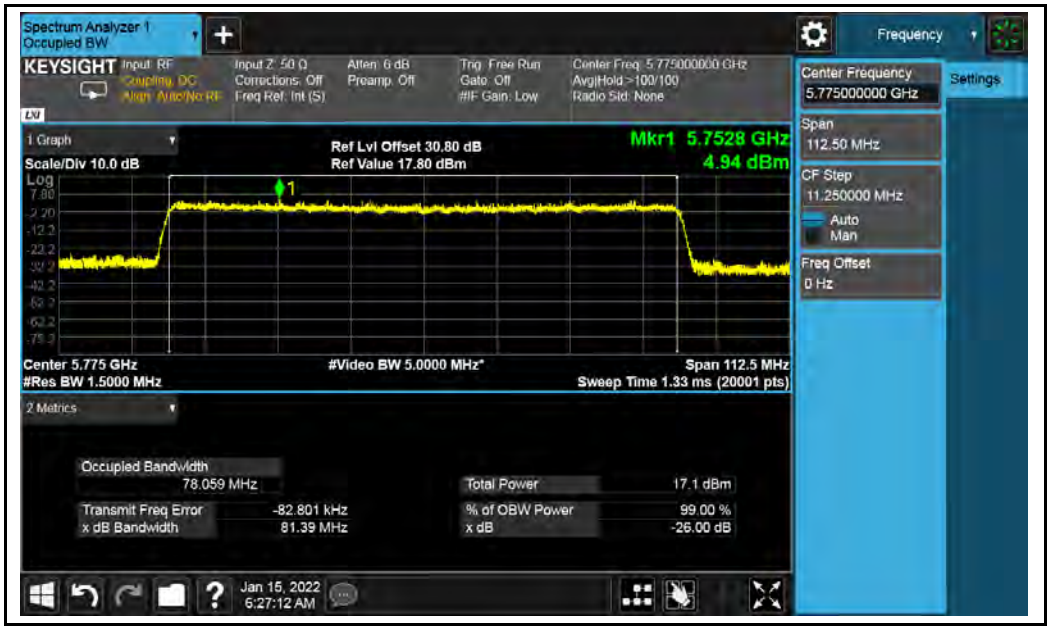
802.11ax40 ch38

802.11ax40 ch46

802.11ax40 ch151

802.11ax40 ch159

802.11ax80 ch42



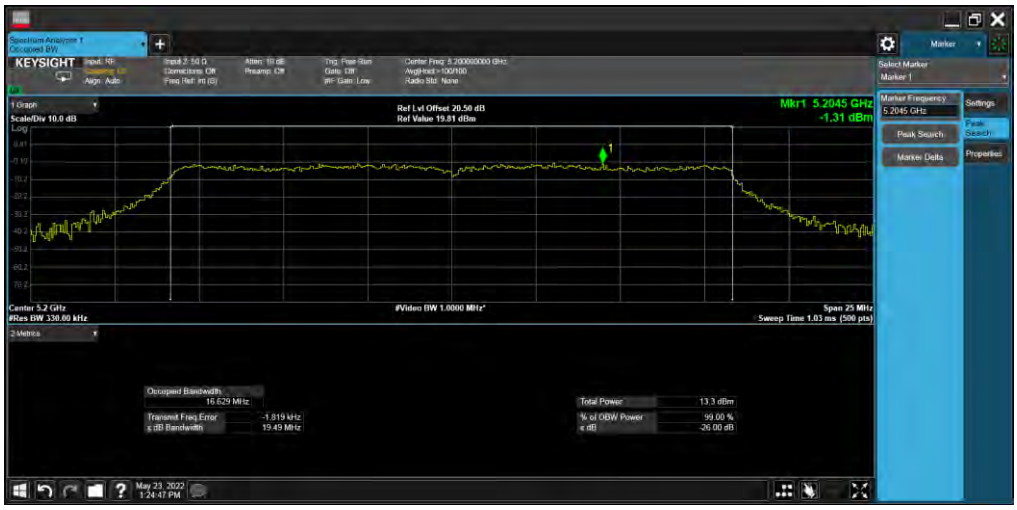
802.11ax80 ch155

802.11ac80 ch42

802.11ac80 ch155

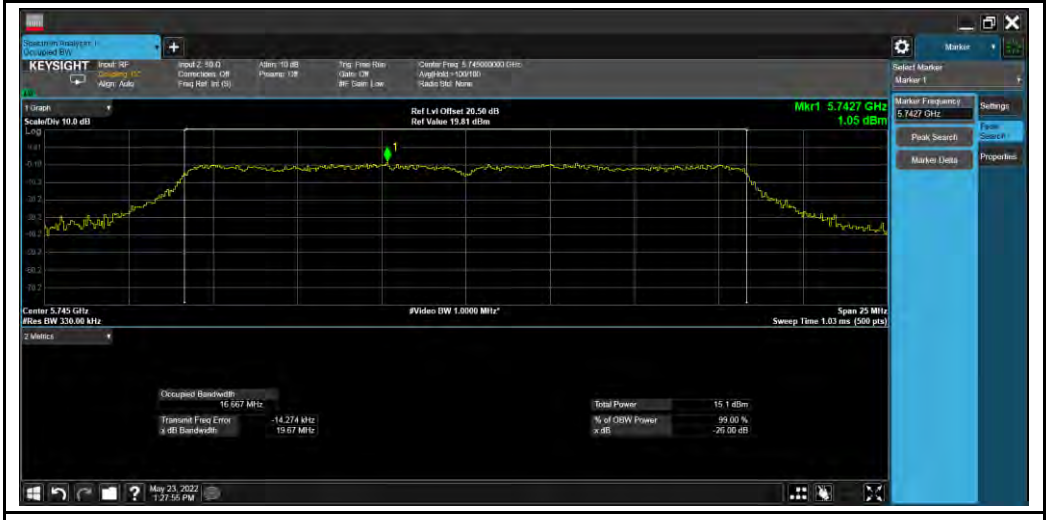
Path A
Path A 11a20

802.11a ch36

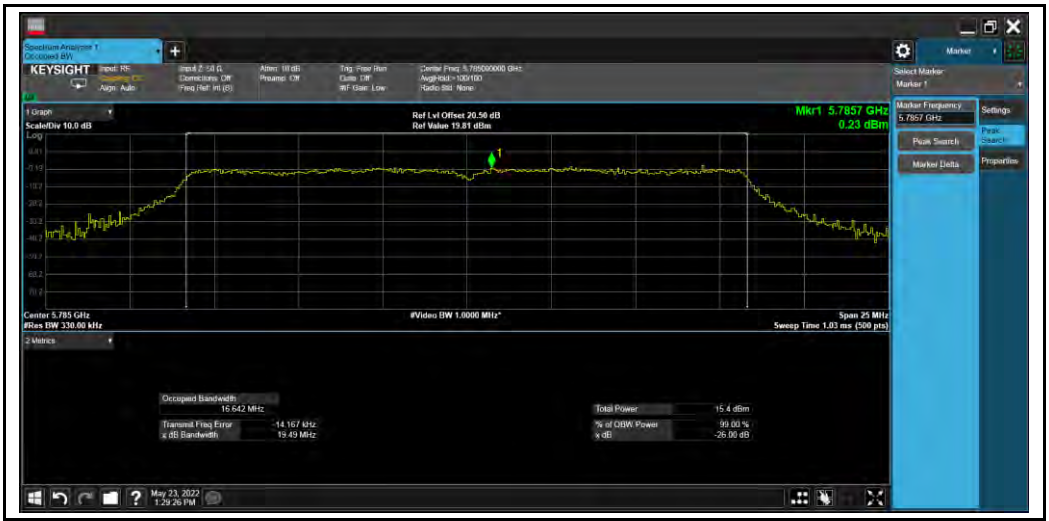


802.11a ch40

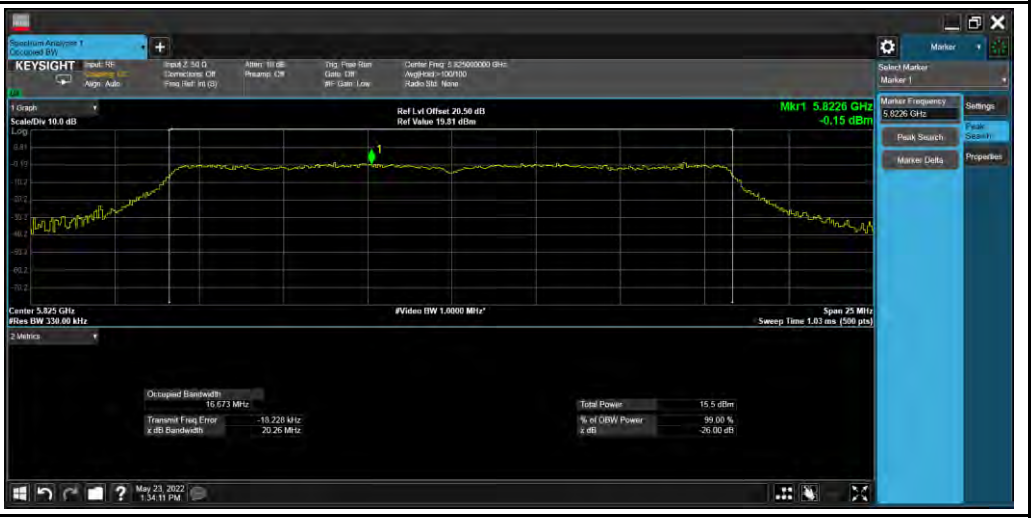
802.11a ch48



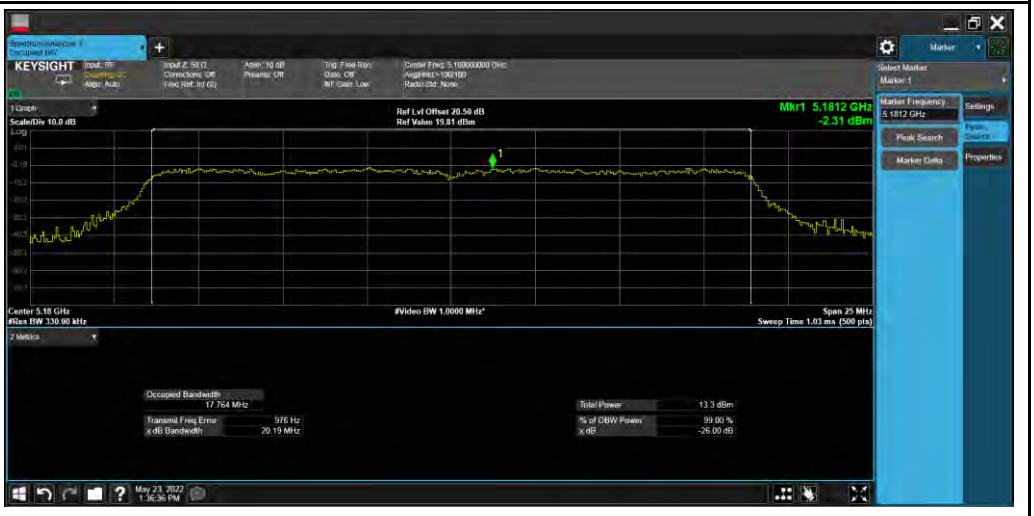
802.11a ch149



802.11a ch157



802.11a ch165

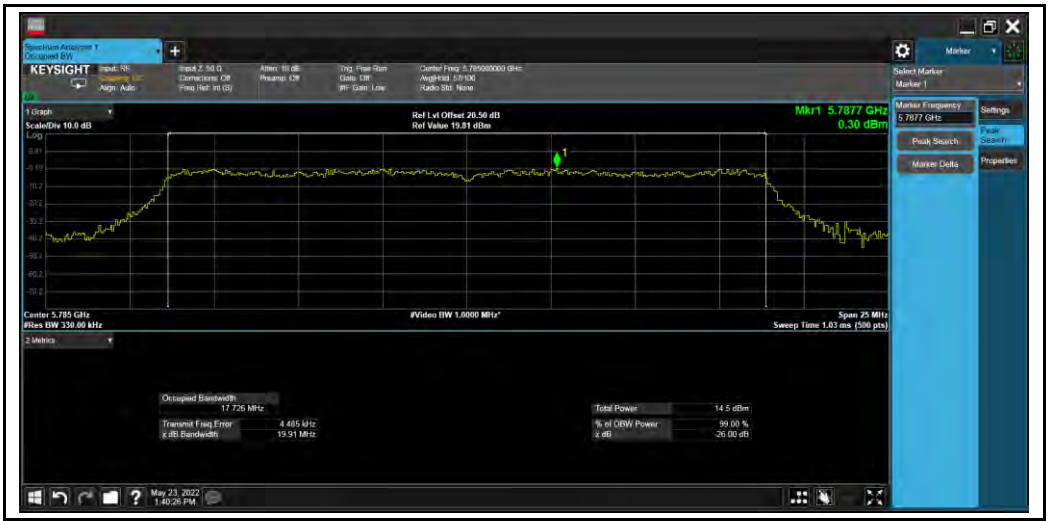


802.11n ch36

802.11n ch40

802.11n ch48

802.11n ch149



802.11n ch157

802.11n ch165

802.11ac ch36

802.11ac ch40

802.11ac ch48

802.11ac ch149

802.11ac ch157

802.11ac ch165

802.11ax ch36

802.11ax ch40

802.11ax ch48

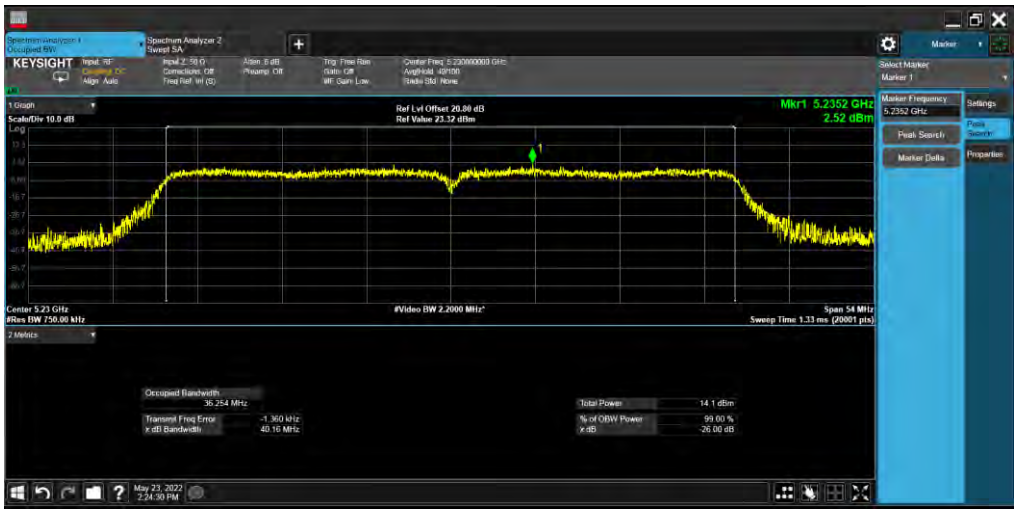
802.11ax ch149

802.11ax ch157

802.11ax ch165

11n 40

802.11n40 ch38



802.11n40 ch46

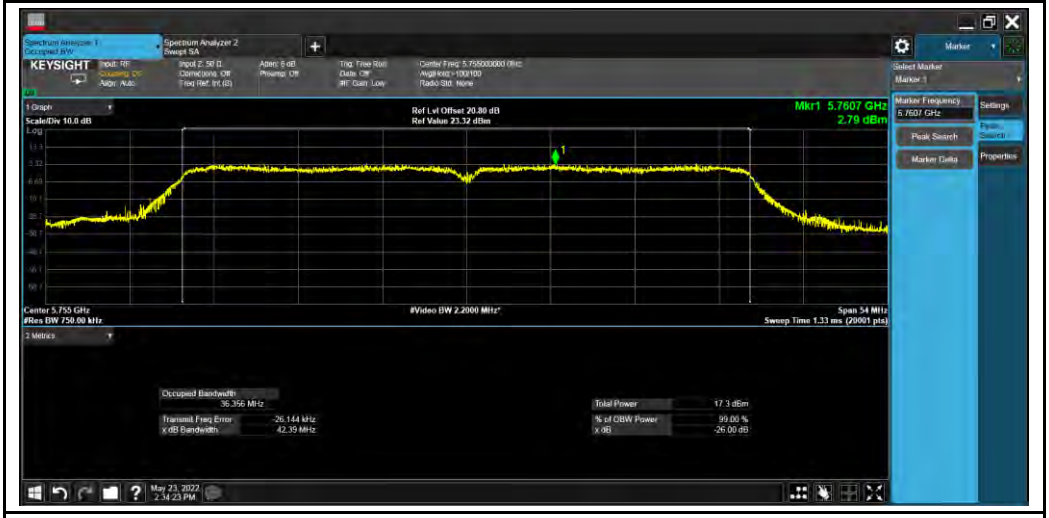
802.11 n40 ch151

802.11n40 ch159

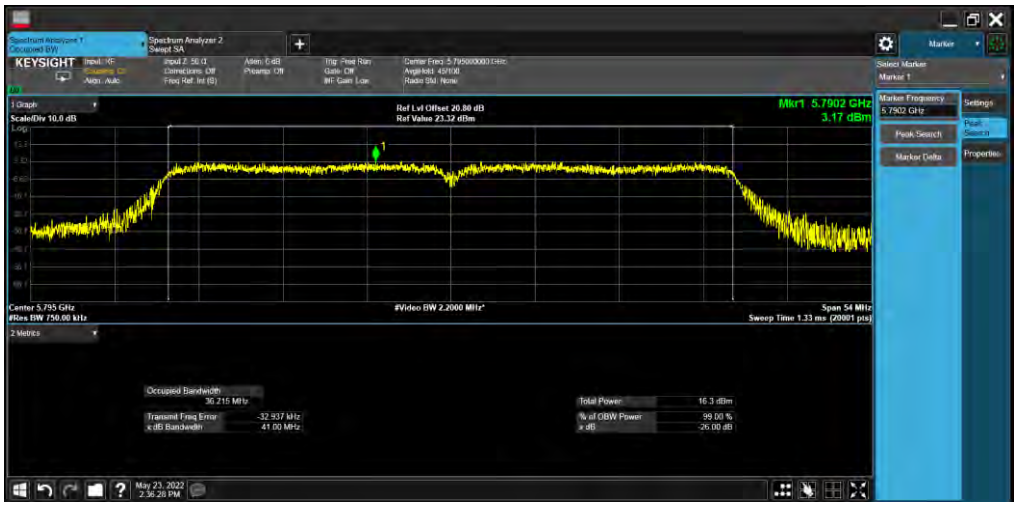
11ac 40

802.11ac40 ch38

802.11nac40 ch46

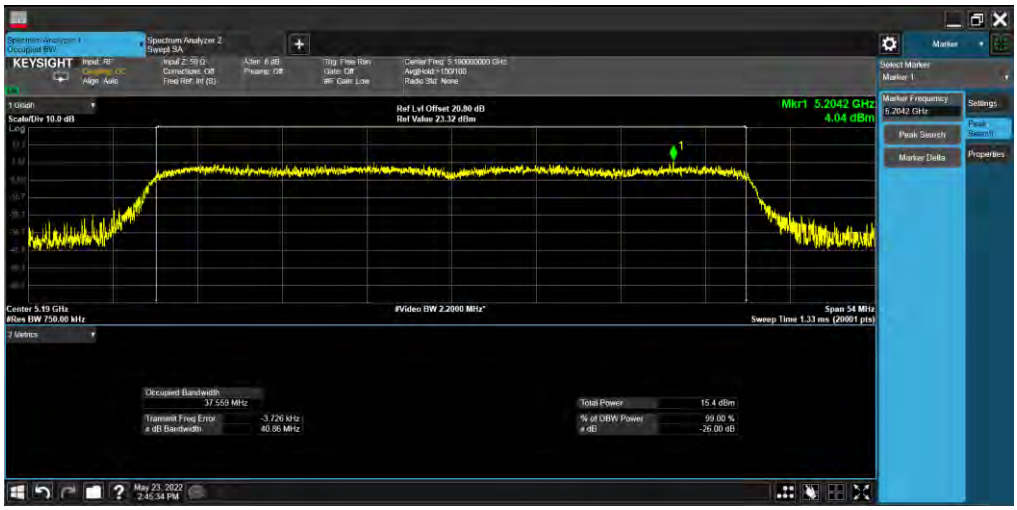


802.11 ac40 ch151

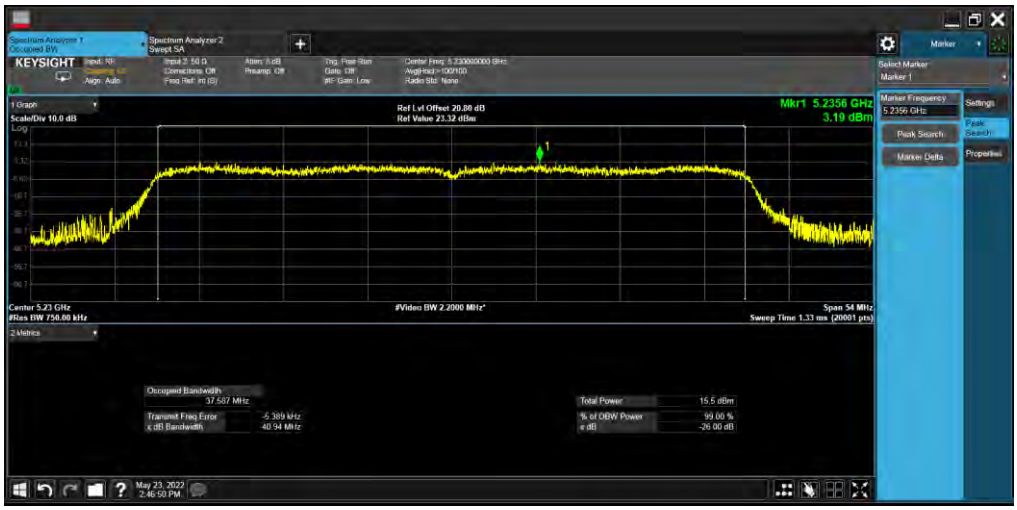


802.11ac ch159

11ax 40

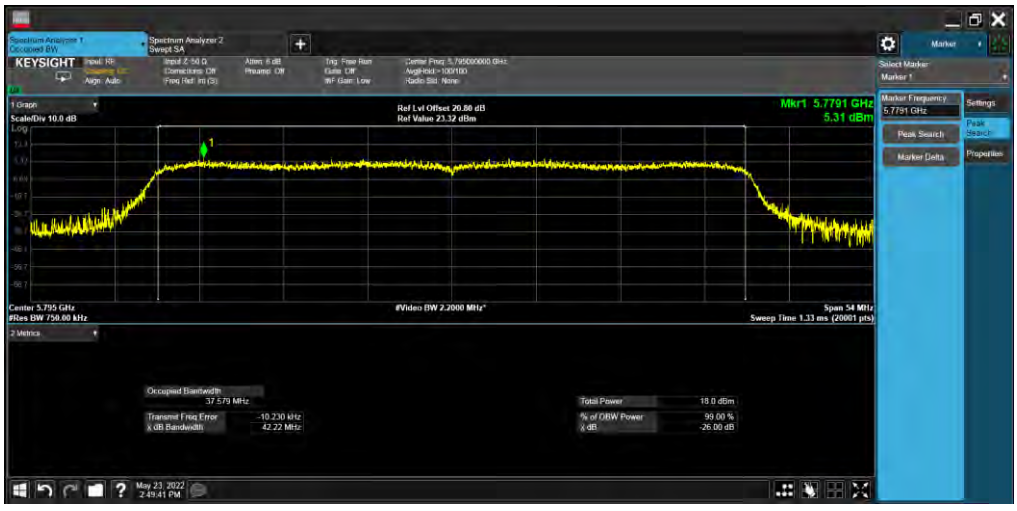


802.11ax40 ch38



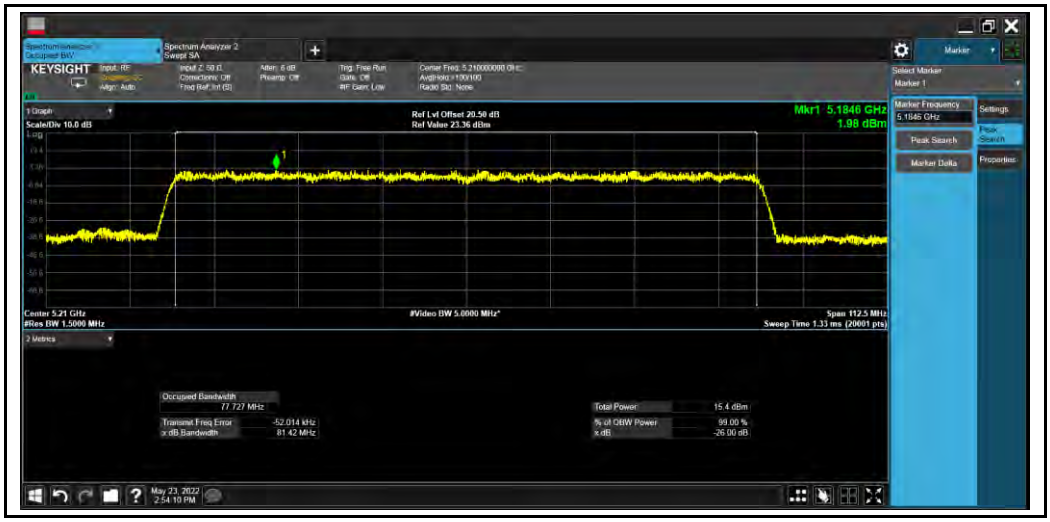
802.11ax40 ch46

802.11ax40 ch151



802.11ax40 ch159

11ac 80 OBW



802.11ax80 ch42

802.11ax80 ch155

802.11ac80 ch42

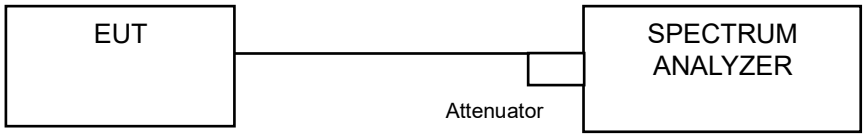
802.11ac80 ch155

4.5 26dB Bandwidth & 6dB Bandwidth Measurement

4.5.1 Limits of 6 dB Bandwidth Measurement

The minimum of 6 dB Bandwidth Measurement is 0.5 MHz.

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 6dB and 26dB BW Test Procedure

26dB Emission bandwidth measurement procedure (Other than 5.725-5.85 GHz)

- Allow the trace to stabilize.
- Use the spectrum analyzer built-in measurement function to determine the 26dB BW.
  Set RBW = around 1% of emission bandwidth
  Set VBW > RBW
  Detector = Peak
  Trace mode = max hold
- Capture the plot.
- Repeat above steps for different test channel and other modulation type.

6 dB Minimum emission bandwidth measurement procedure

- Allow the trace to stabilize.
- Use the spectrum analyzer built-in measurement function to determine the 6dB BW.
  Set RBW = 100 KHz
  Set VBW ≥ 3 x RBW
  Detector = Peak
  Trace mode = max hold
  Sweep = auto couple
- Capture the plot.
- Repeat above steps for different test channel and other modulation type.

26dB

Occupied Bandwidth Test Plots-
UNII-1 Band

802.11a ch36

802.11a ch40

802.11a ch48

802.11a ch149

802.11a ch157

802.11a ch165

802.11n20 ch36

802.11n20 ch40

802.11n20 ch48

802.11n20 ch149

802.11n20 ch157

802.11n20 ch165

802.11ac20 ch36

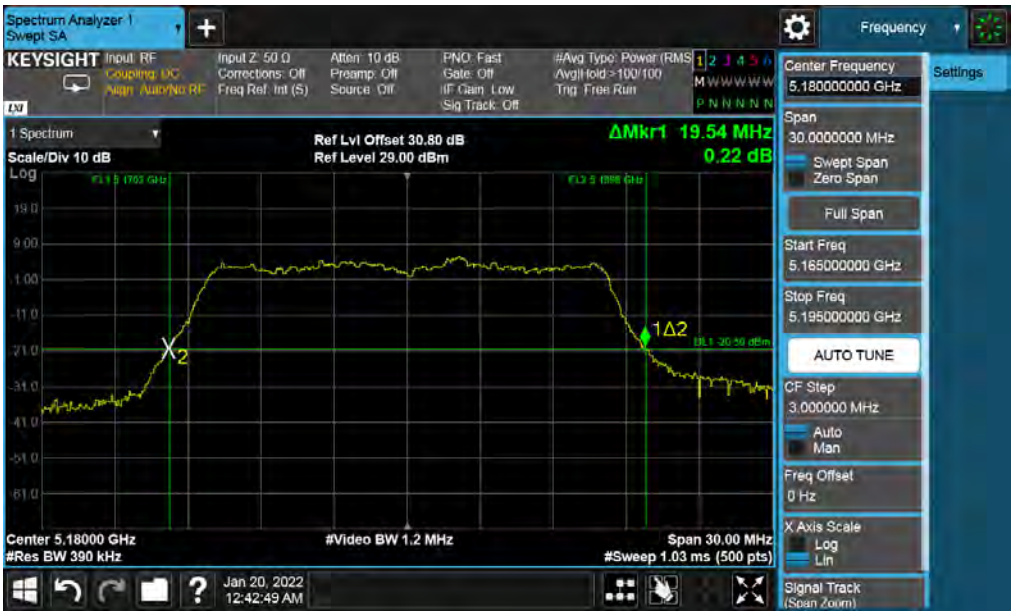
802.11ac20 ch40

802.11ac20 ch48

802.11ac20 ch149

802.11ac20 ch157

802.11ac20 ch165



802.11ax20 ch36

802.11ax20 ch40

802.11ax20 ch48

802.11ax20 ch149

802.11ax20 ch157

802.11ax20 ch165

802.11n40 ch38

802.11n40 ch46

802.11n40 ch151

802.11n40 ch159

802.11ac40 ch38

802.11ac40 ch46

802.11ac40 ch134

802.11ac40 ch151

802.11ac40 ch159

802.11ax40 ch38

802.11ax40 ch46

802.11ax40 ch151

802.11ax40 ch159

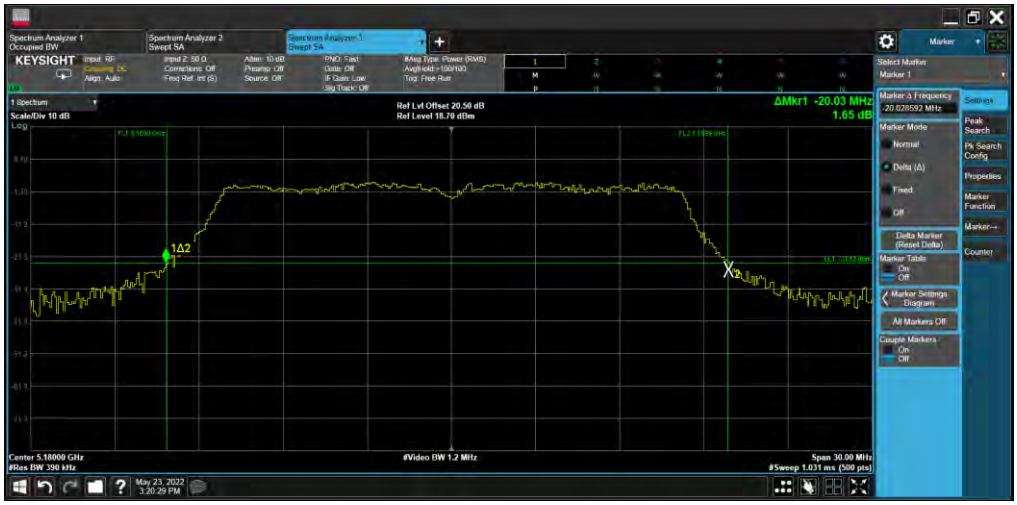
802.11ax80 ch42

802.11ax80 ch155

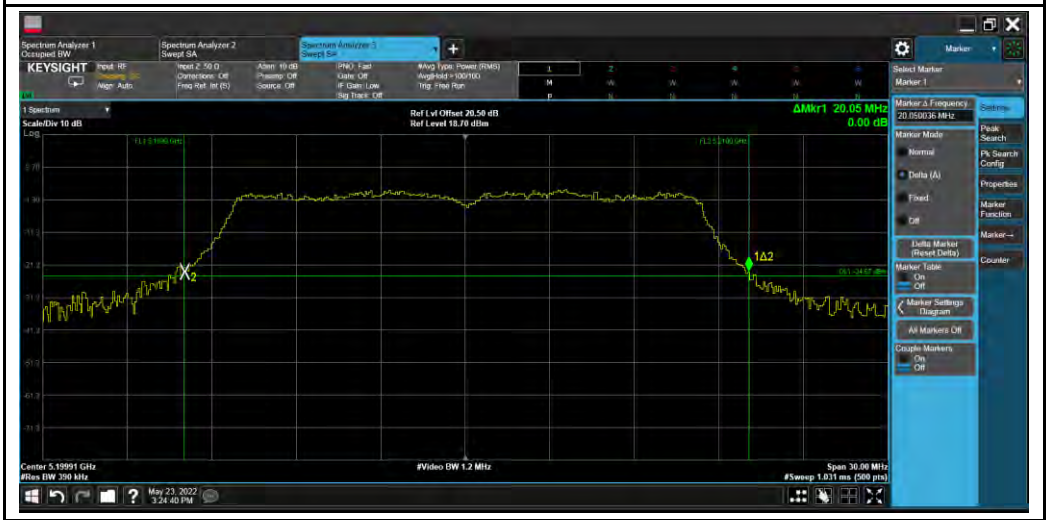
802.11ac80 ch42

802.11ac80 ch155

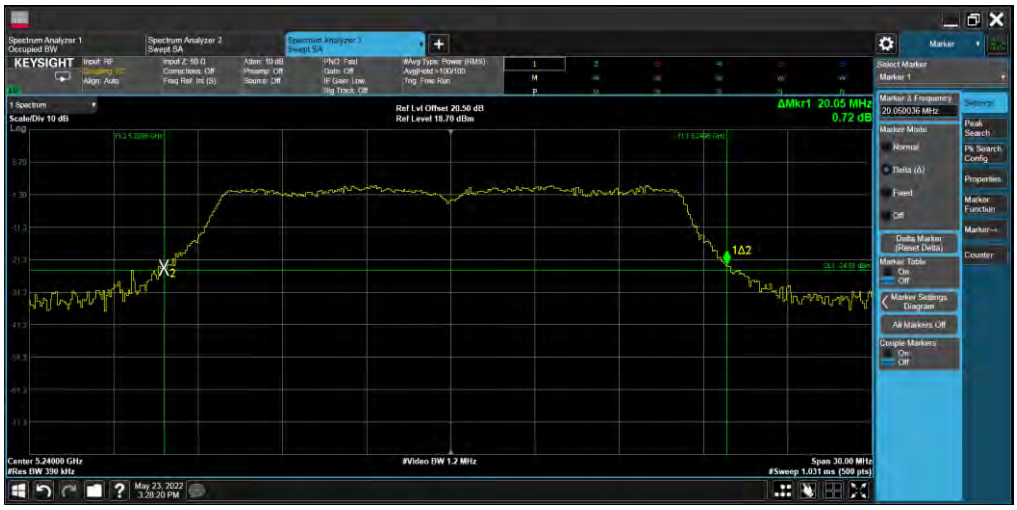
Path A 26dB



802.11a ch36

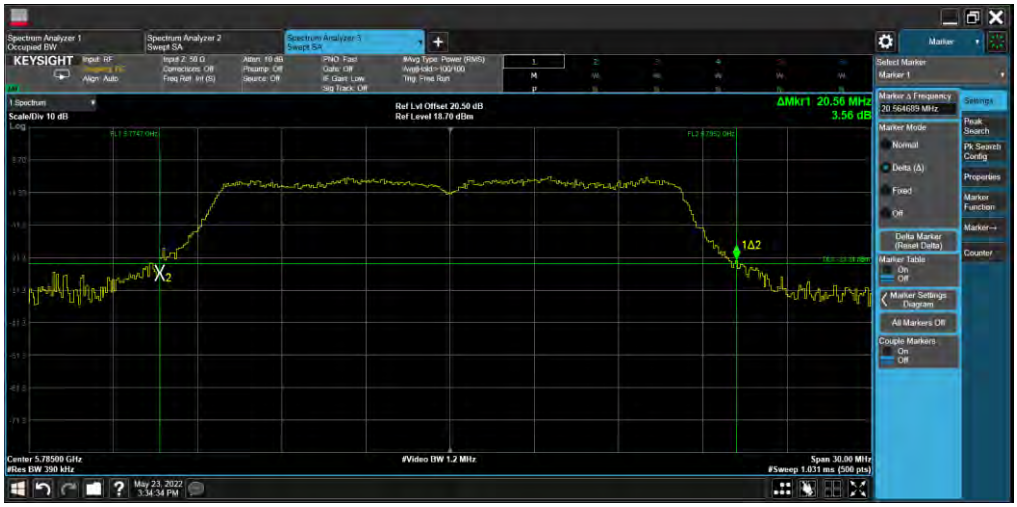


802.11a ch40

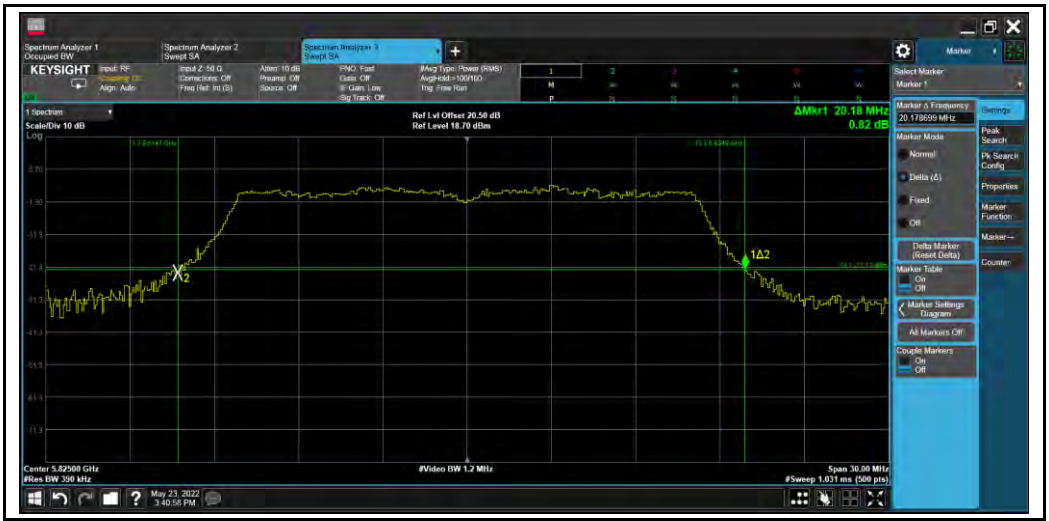


802.11a ch48

802.11a ch149



802.11a ch157



802.11a ch165

802.11n ch36