



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.560	16.680
802.11n HT20	17.640	17.820
802.11n HT40	36.360	36.600
802.11ac VHT80	75.680	75.900
802.11ax HE20 SU	19.020	19.140
802.11ax HE40 SU	37.920	38.280
802.11ax HE80 SU	77.220	77.660

Table 26 - 99% Bandwidth Summary Results – SISO

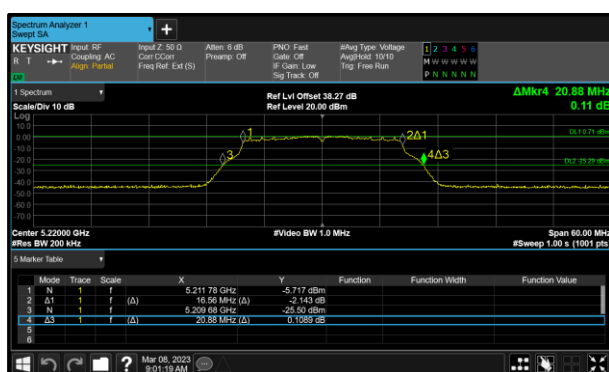


Figure 203 - 802.11a Minimum 99% OBW

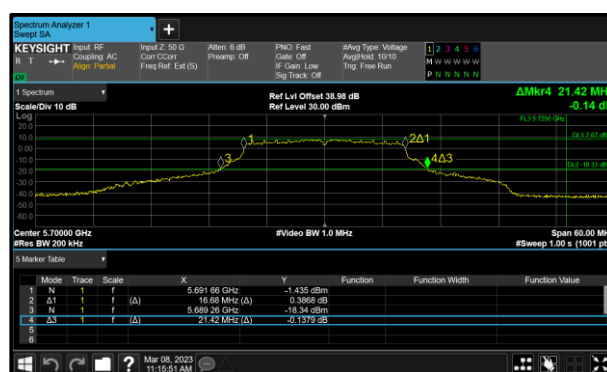


Figure 204 - 802.11a Maximum 99% OBW

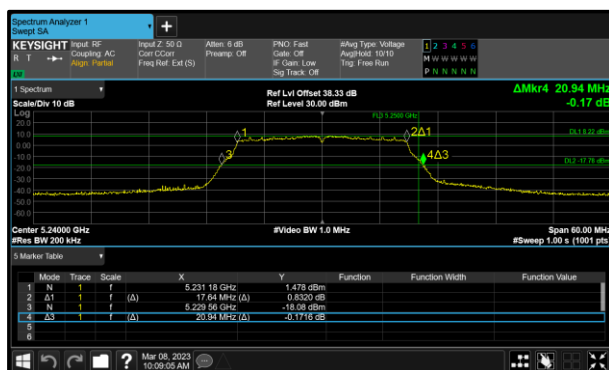


Figure 205 - 802.11n HT20 Minimum 99% OBW

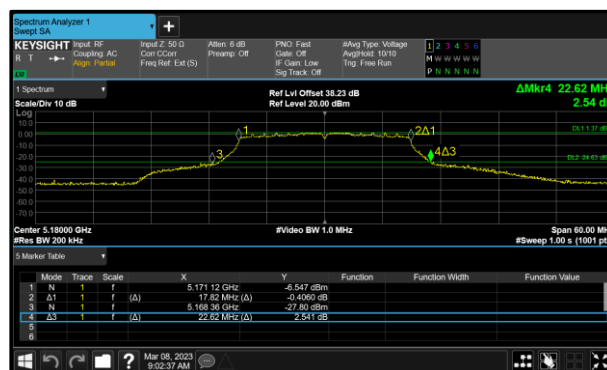


Figure 206 - 802.11n HT20 Maximum 99% OBW

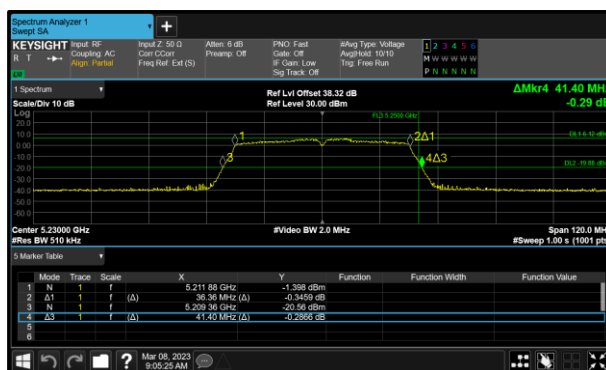


Figure 207 - 802.11n HT40 Minimum 99% OBW

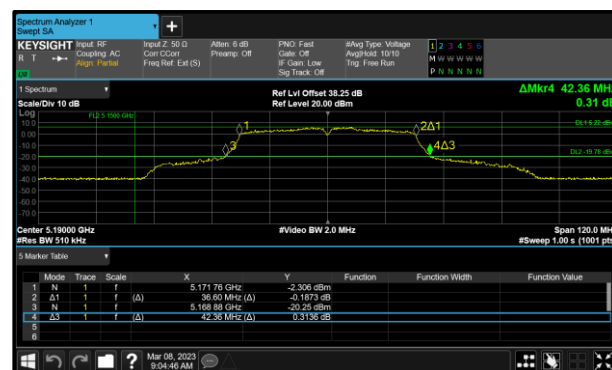


Figure 208 - 802.11n HT40 Maximum 99% OBW

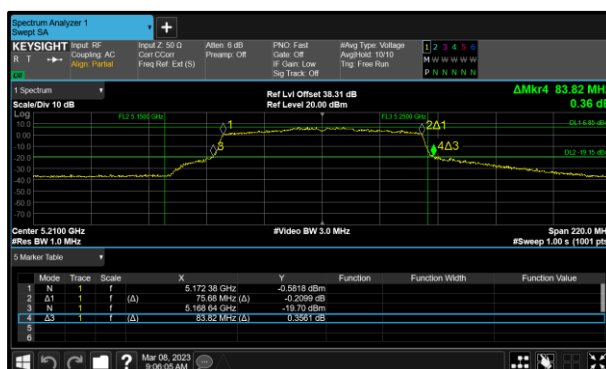


Figure 209 - 802.11ac VHT80 Minimum 99% OBW

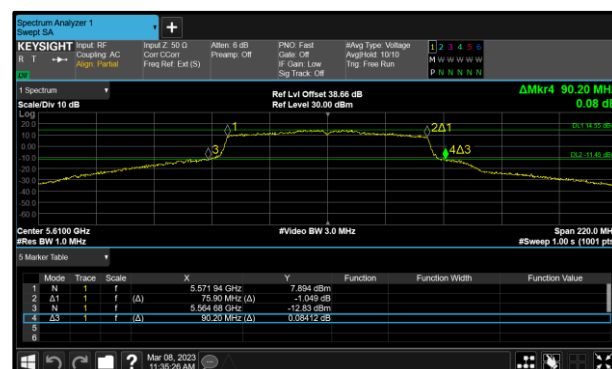


Figure 210 - 802.11ac VHT80 Maximum 99% OBW

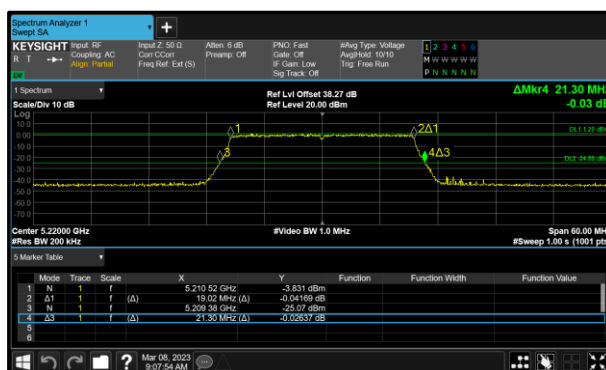


Figure 211 - 802.11ax HE20 SU Minimum 99% OBW

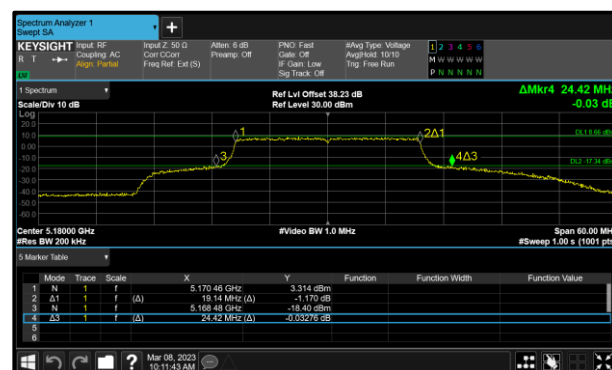


Figure 212 - 802.11ax HE20 SU Maximum 99% OBW

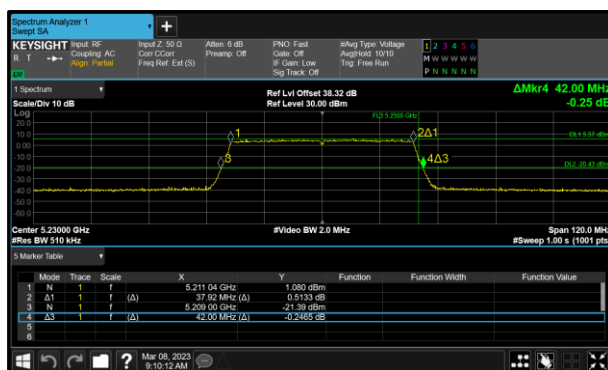


Figure 213 - 802.11ax HE40 SU
Minimum 99% OBW

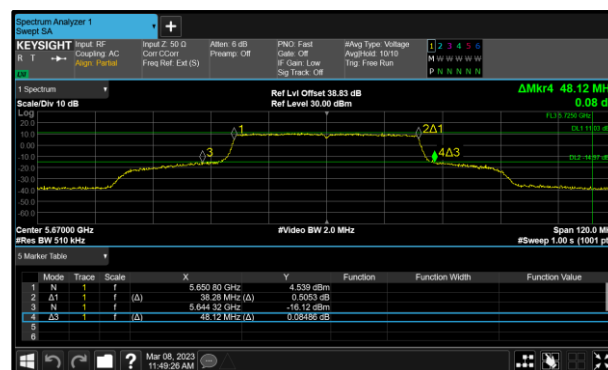


Figure 214 - 802.11ax HE40 SU
Maximum 99% OBW

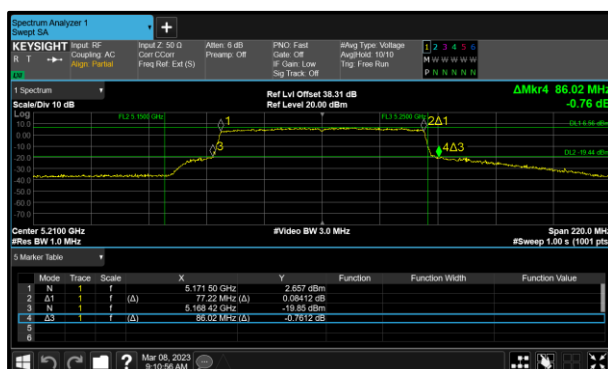


Figure 215 - 802.11ax HE80 SU
Minimum 99% OBW

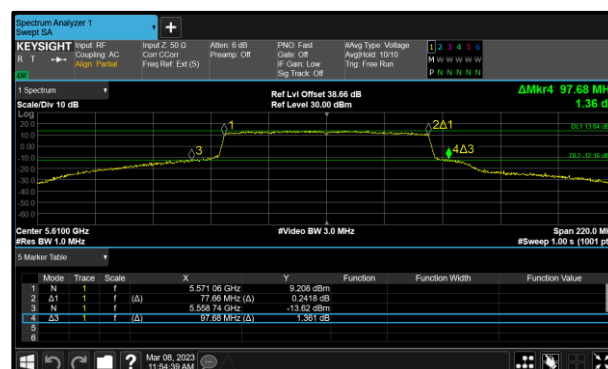


Figure 216 - 802.11ax HE80 SU
Maximum 99% OBW

MIMO CDD

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.880	22.200
802.11n HT40	41.280	43.680
802.11ac VHT80	82.940	84.480
802.11ax HE20 SU	21.240	26.340
802.11ax HE40 SU	41.760	48.960
802.11ax HE80 SU	85.140	89.320

Table 27 - 26 dB Bandwidth Summary Results - MIMO CDD

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	16.740	17.400
802.11n HT40	35.280	35.640
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	19.080	19.140
802.11ax HE40 SU	38.160	38.280
802.11ax HE80 SU	77.880	78.320

Table 28 - 6 dB Bandwidth Summary Results - MIMO CDD

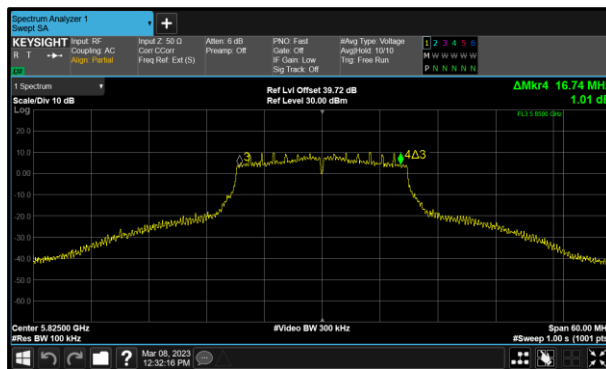


Figure 217 - 802.11n HT20 Minimum 6 dB EBW

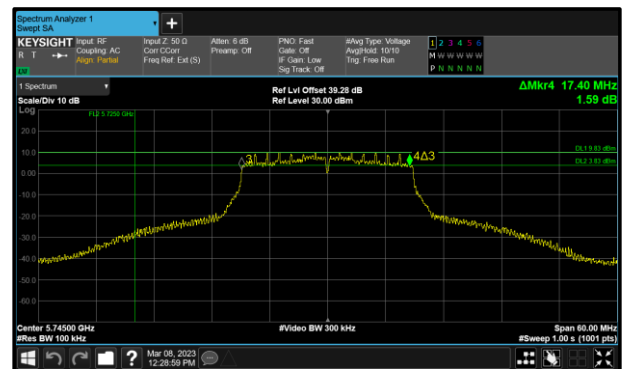
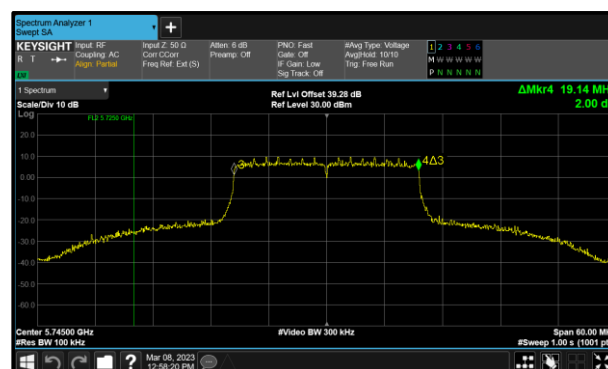
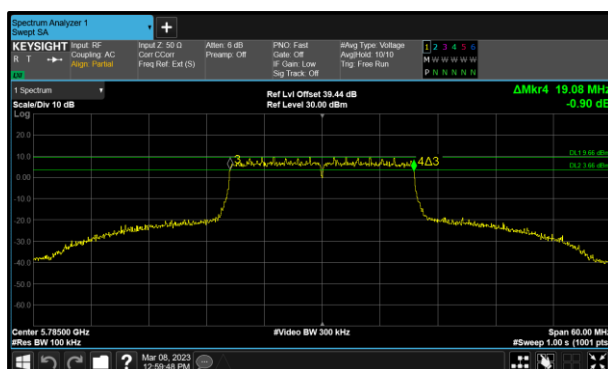
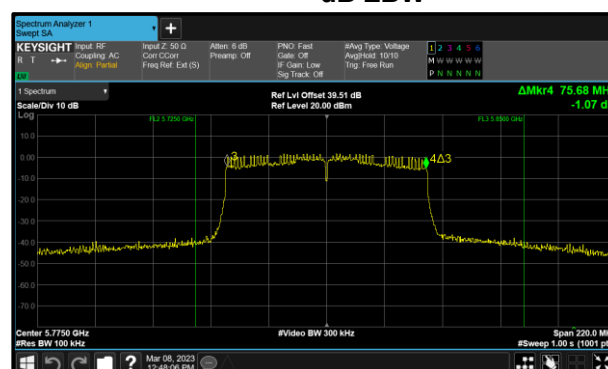
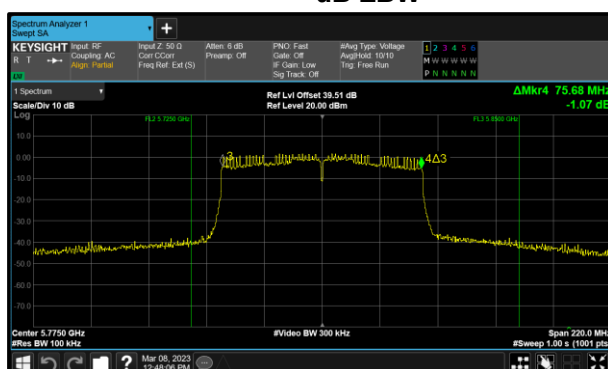
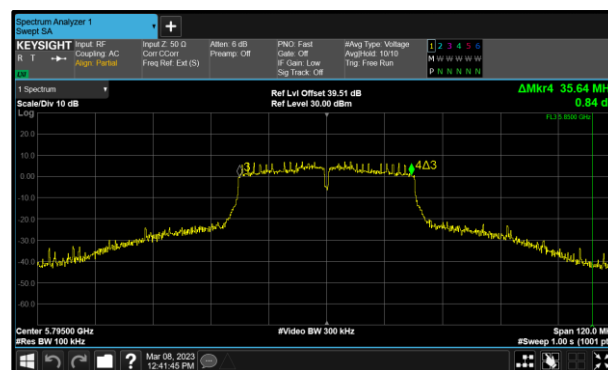
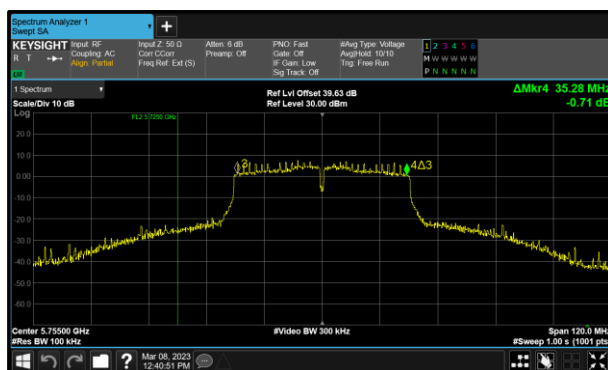


Figure 218 - 802.11n HT20 Maximum 6 dB EBW



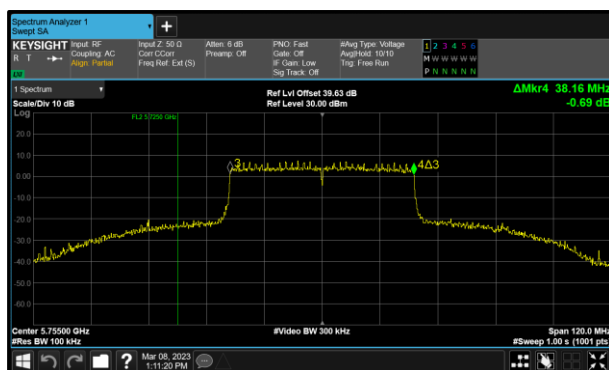


Figure 225 - 802.11ax HE40 SU
Minimum 6 dB EBW

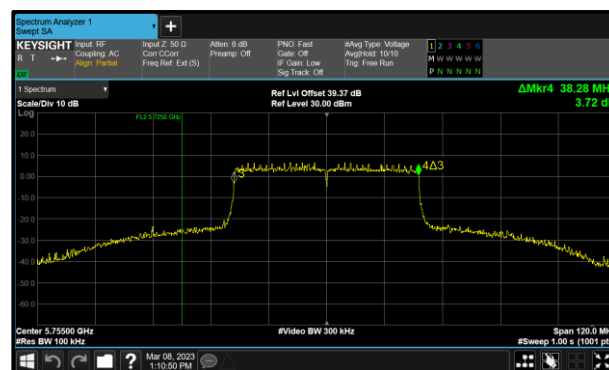


Figure 226 - 802.11ax HE40 SU
Maximum 6 dB EBW

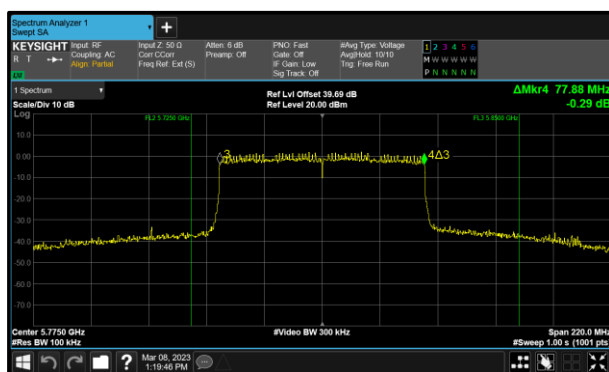


Figure 227 - 802.11ax HE80 SU
Minimum 6 dB EBW

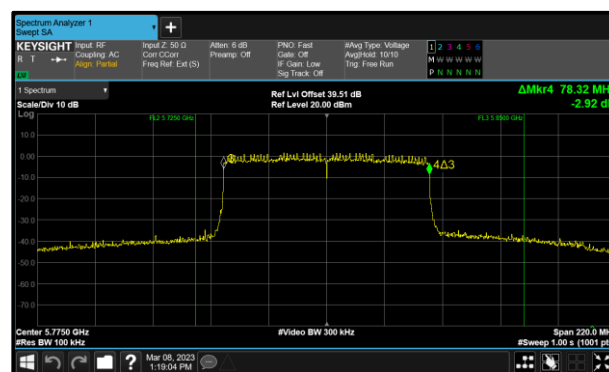


Figure 228 - 802.11ax HE80 SU
Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.640	17.880
802.11n HT40	36.240	36.600
802.11ac VHT80	75.460	75.680
802.11ax HE20 SU	18.960	19.140
802.11ax HE40 SU	37.920	38.160
802.11ax HE80 SU	77.220	77.440

Table 29 - 99% Bandwidth Summary Results - MIMO CDD

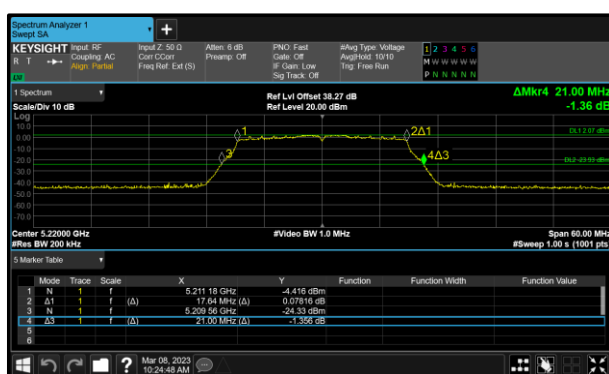


Figure 229 - 802.11n HT20 Minimum 99% OBW

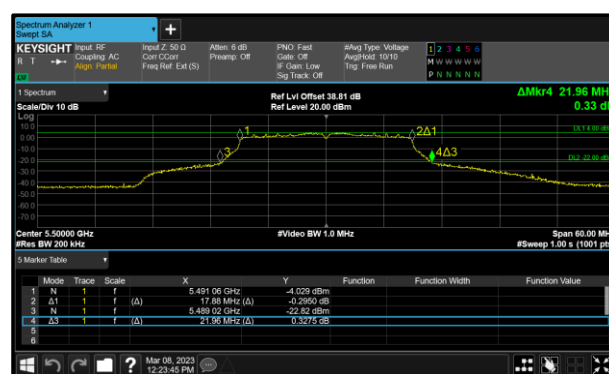


Figure 230 - 802.11n HT20 Maximum 99% OBW

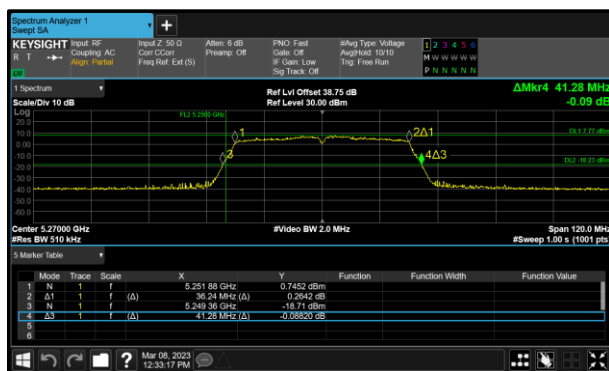


Figure 231 - 802.11n HT40 Minimum 99% OBW



Figure 232 - 802.11n HT40 Maximum 99% OBW

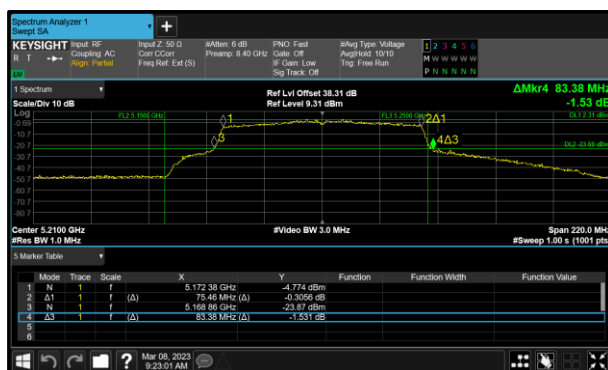


Figure 233 - 802.11ac VHT80 Minimum 99% OBW

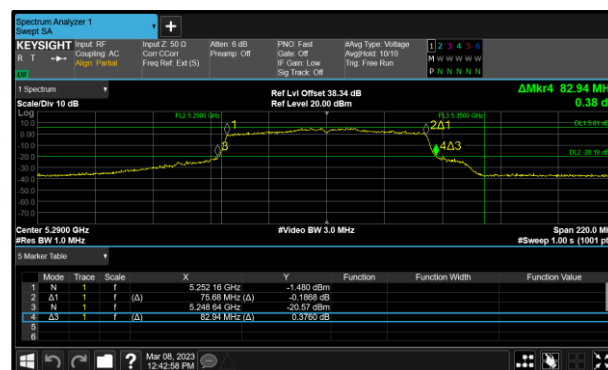


Figure 234 - 802.11ac VHT80 Maximum 99% OBW

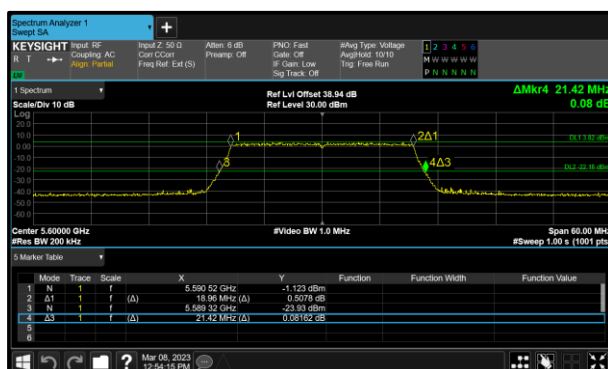


Figure 235 - 802.11ax HE20 SU Minimum 99% OBW

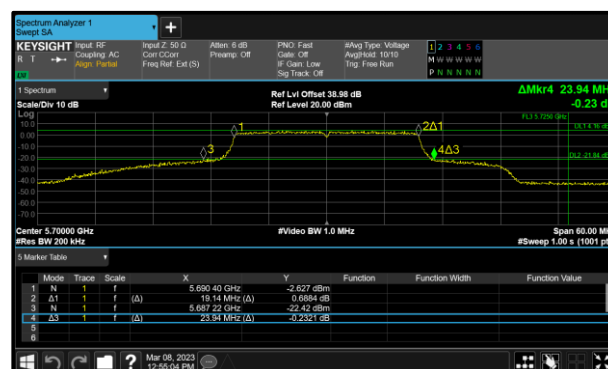


Figure 236 - 802.11ax HE20 SU Maximum 99% OBW

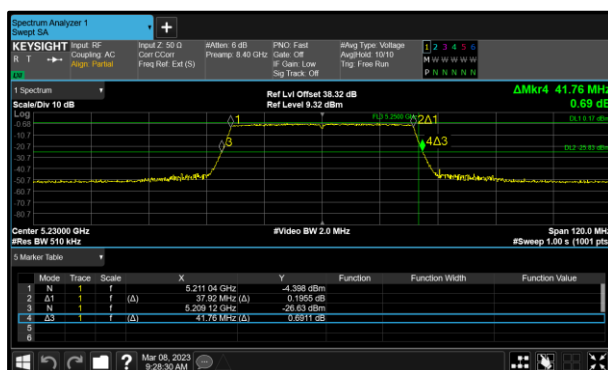


Figure 237 - 802.11ax HE40 SU Minimum 99% OBW

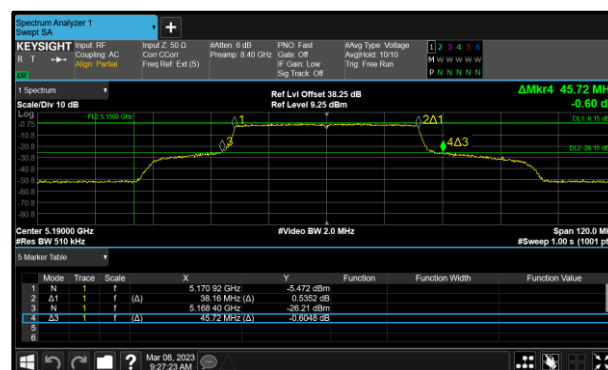


Figure 238 - 802.11ax HE40 SU Maximum 99% OBW

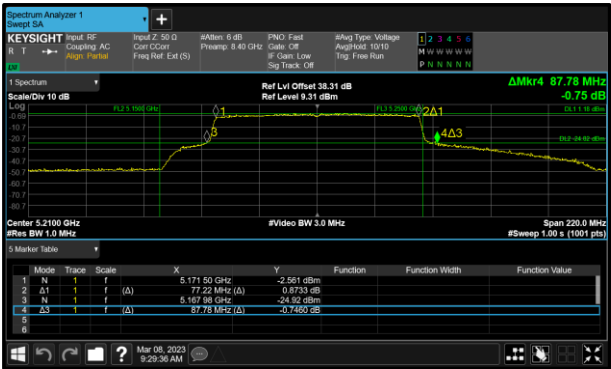


Figure 239 - 802.11ax HE80 SU
Minimum 99% OBW

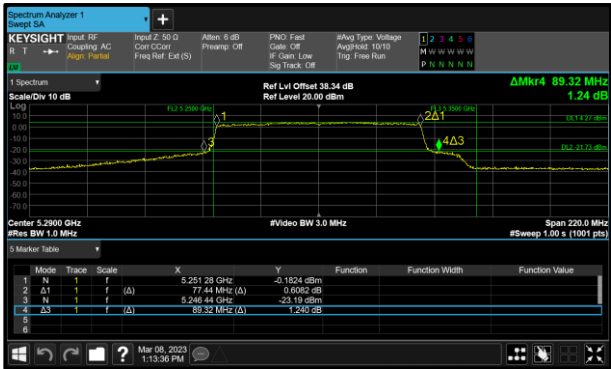


Figure 240 - 802.11ax HE80 SU
Maximum 99% OBW

MIMO SDM

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.940	22.380
802.11n HT40	40.920	44.760
802.11ac VHT80	82.940	98.780
802.11ax HE20 SU	21.240	26.520
802.11ax HE40 SU	41.760	49.680
802.11ax HE80 SU	85.140	88.660

Table 30 - 26 dB Bandwidth Summary Results - MIMO SDM

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	16.740	17.460
802.11n HT40	35.400	35.640
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	19.020	19.140
802.11ax HE40 SU	38.280	38.280
802.11ax HE80 SU	78.320	78.320

Table 31 - 6 dB Bandwidth Summary Results - MIMO SDM

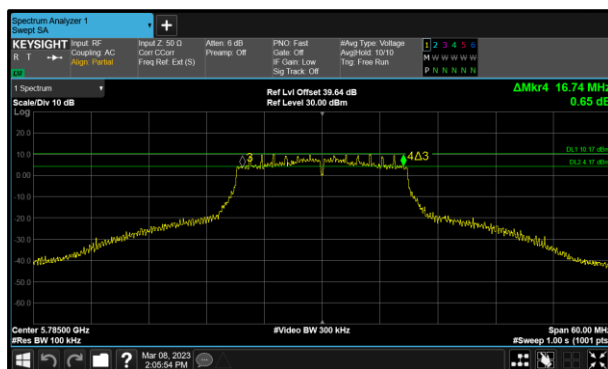


Figure 241 - 802.11n HT20 Minimum 6 dB EBW

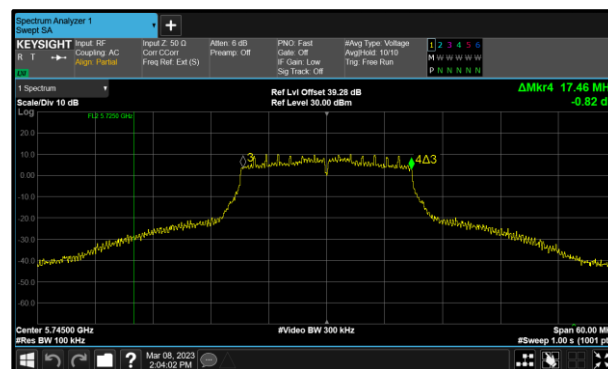
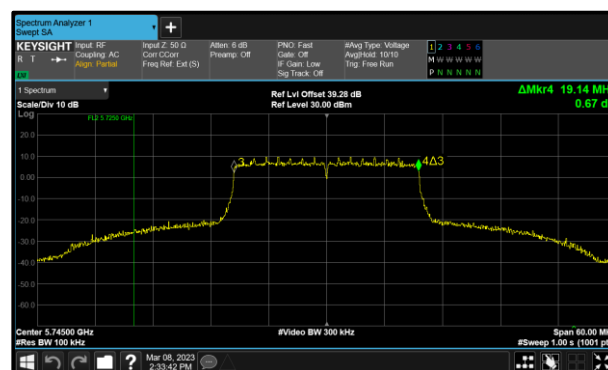
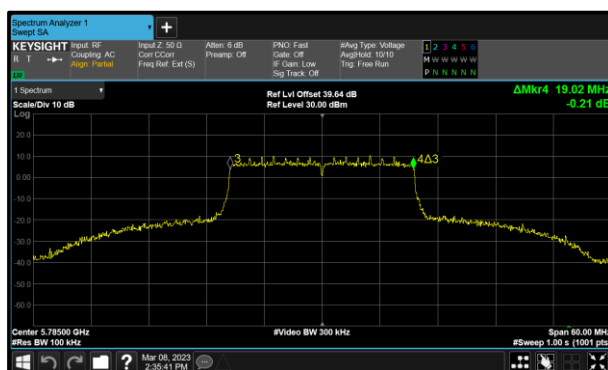
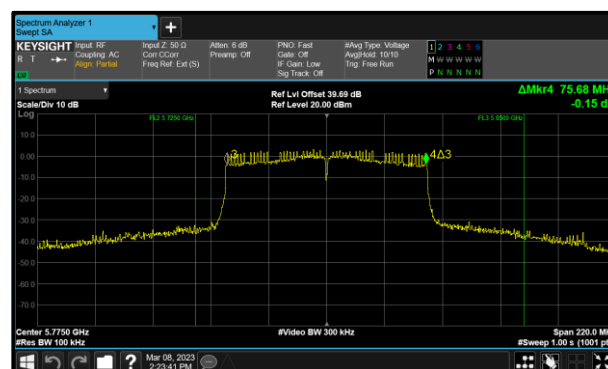
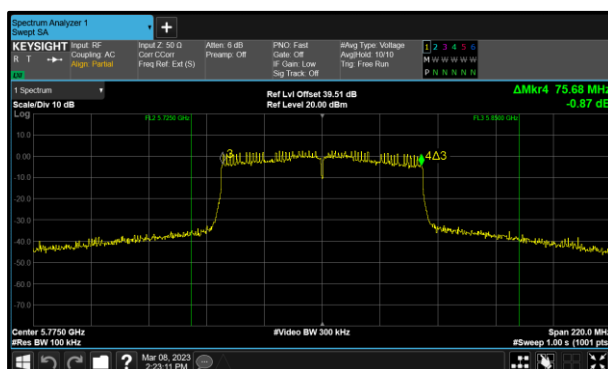
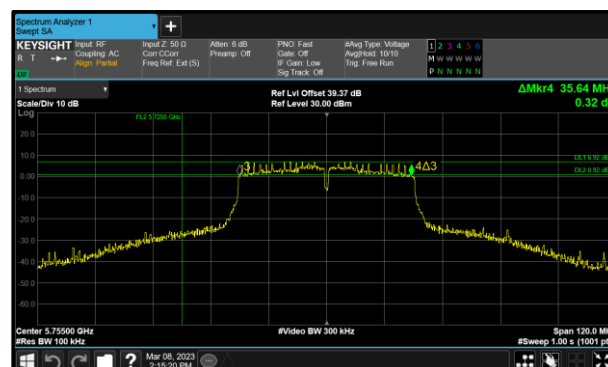
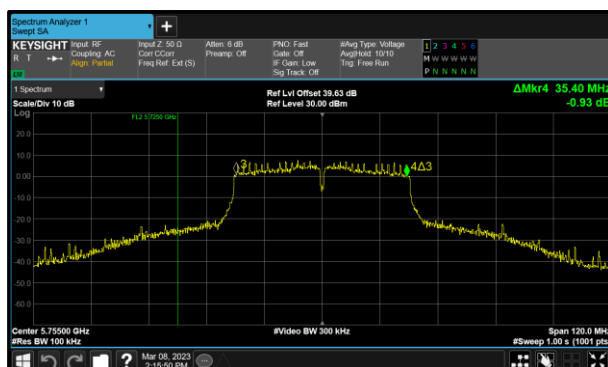


Figure 242 - 802.11n HT20 Maximum 6 dB EBW



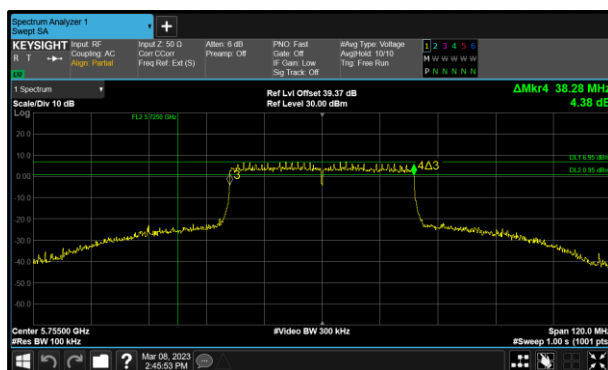


Figure 249 - 802.11ax HE40 SU
Minimum 6 dB EBW

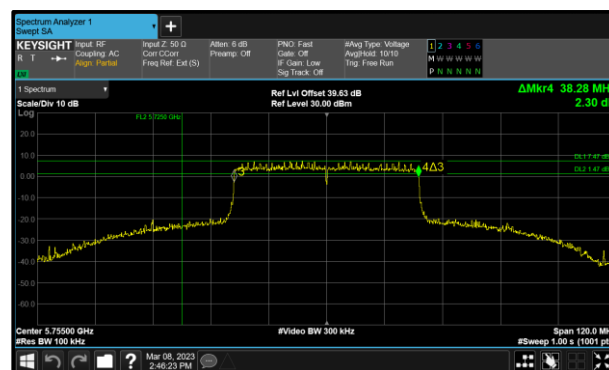


Figure 250 - 802.11ax HE40 SU
Maximum 6 dB EBW

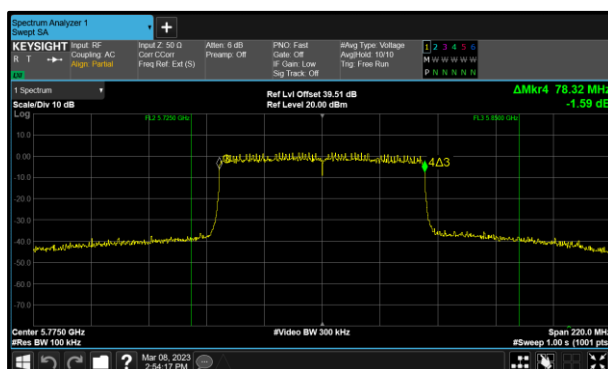


Figure 251 - 802.11ax HE80 SU
Minimum 6 dB EBW

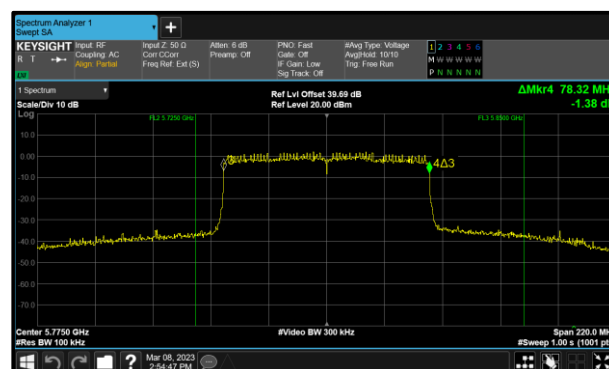


Figure 252 - 802.11ax HE80 SU
Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.640	17.820
802.11n HT40	36.360	36.600
802.11ac VHT80	75.460	75.900
802.11ax HE20 SU	18.960	19.140
802.11ax HE40 SU	37.920	38.280
802.11ax HE80 SU	77.220	77.660

Table 32 - 99% Bandwidth Summary Results - MIMO SDM

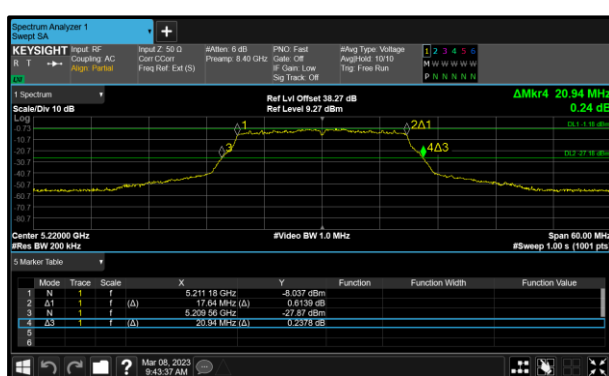


Figure 253 - 802.11n HT20 Minimum 99% OBW

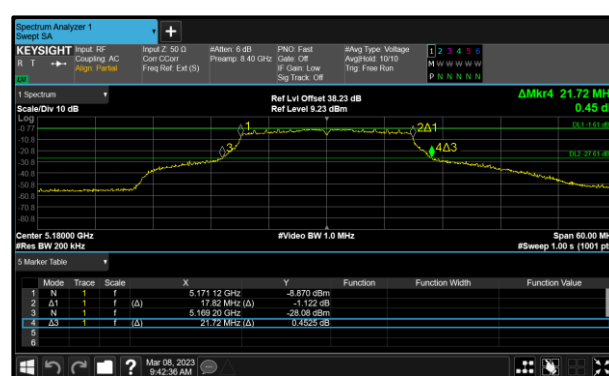


Figure 254 - 802.11n HT20 Maximum 99% OBW

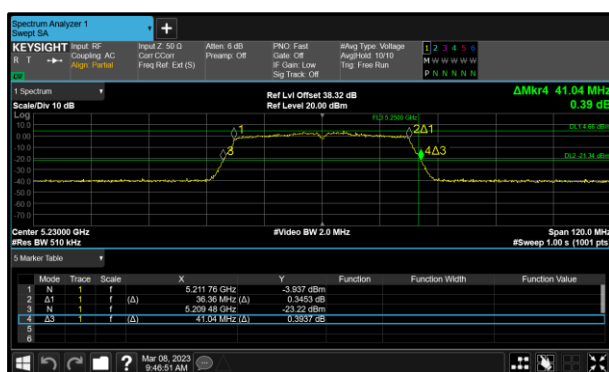


Figure 255 - 802.11n HT40 Minimum 99% OBW

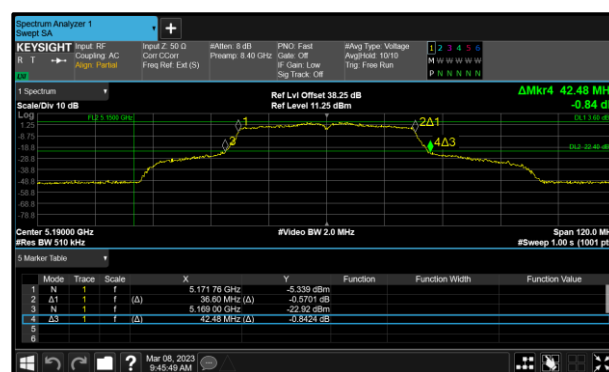
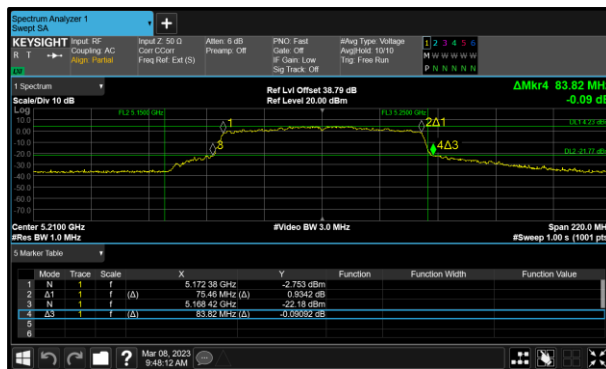
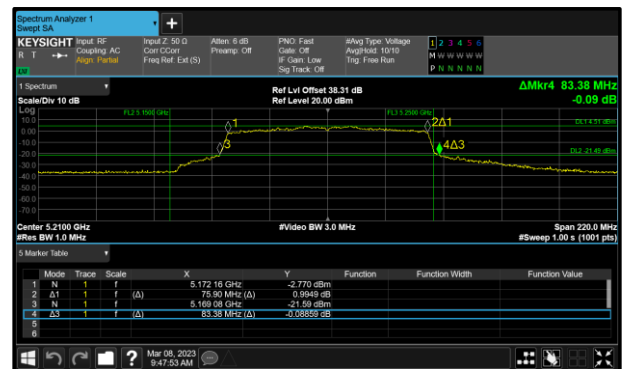


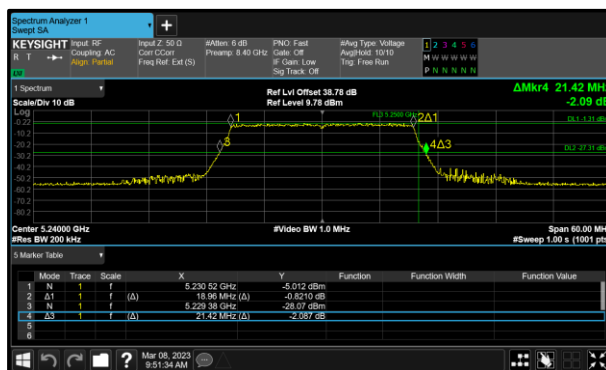
Figure 256 - 802.11n HT40 Maximum 99% OBW



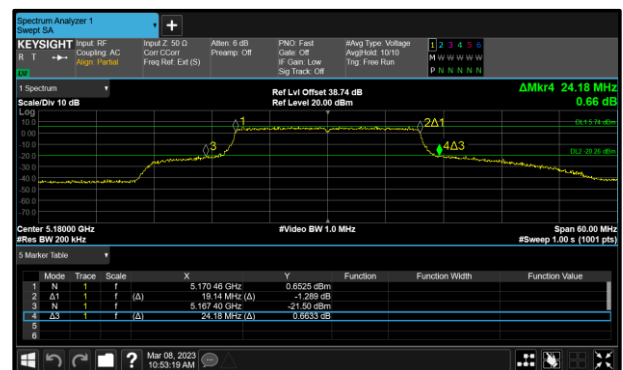
**Figure 257 - 802.11ac VHT80 Minimum
99% OBW**



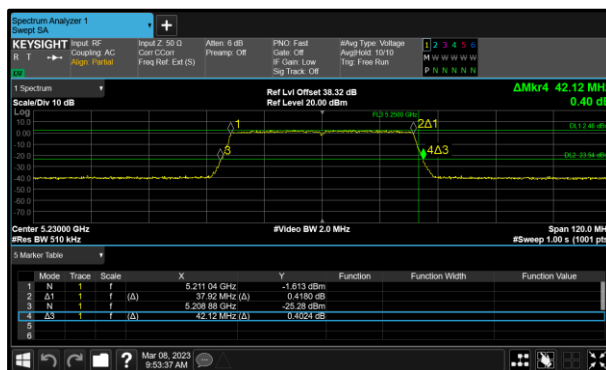
**Figure 258 - 802.11ac VHT80 Maximum
99% OBW**



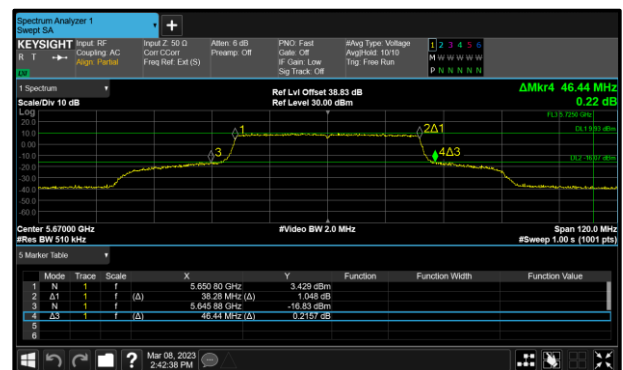
**Figure 259 - 802.11ax HE20 SU
Minimum 99% OBW**



**Figure 260 - 802.11ax HE20 SU
Maximum 99% OBW**



**Figure 261 - 802.11ax HE40 SU
Minimum 99% OBW**



**Figure 262 - 802.11ax HE40 SU
Maximum 99% OBW**

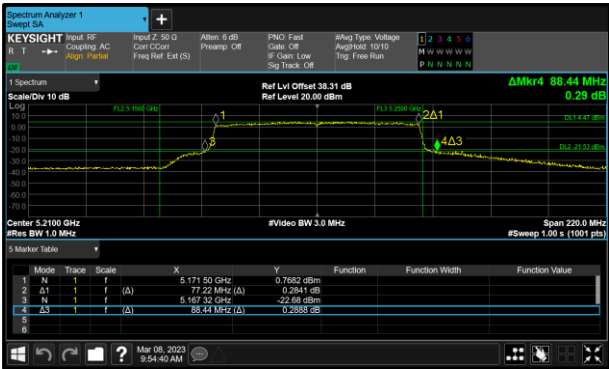


Figure 263 - 802.11ax HE80 SU
Minimum 99% OBW

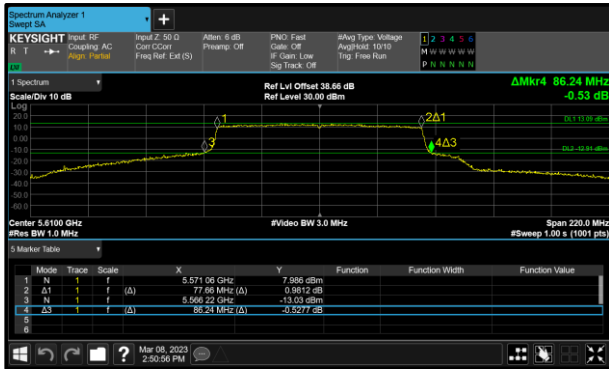


Figure 264 - 802.11ax HE80 SU
Maximum 99% OBW

TxBF

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	20.160	21.660
802.11ac VHT40	40.900	45.480
802.11ac VHT80	81.400	83.380

Table 33 - 26 dB Bandwidth Summary Results - TxBF

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	17.580	17.820
802.11ac VHT40	36.200	36.720
802.11ac VHT80	75.460	75.900

Table 34 - 99% Bandwidth Summary Results - TxBF

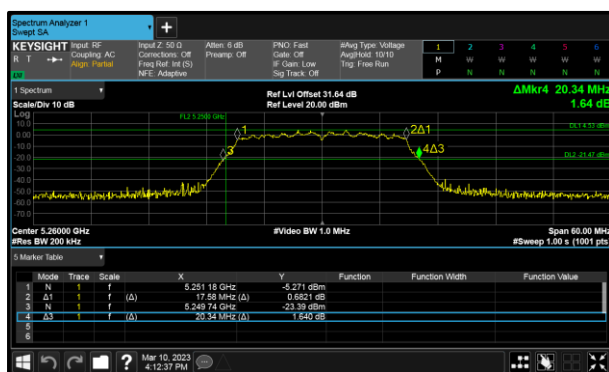


Figure 265 - 802.11ac VHT20 Minimum 99% OBW

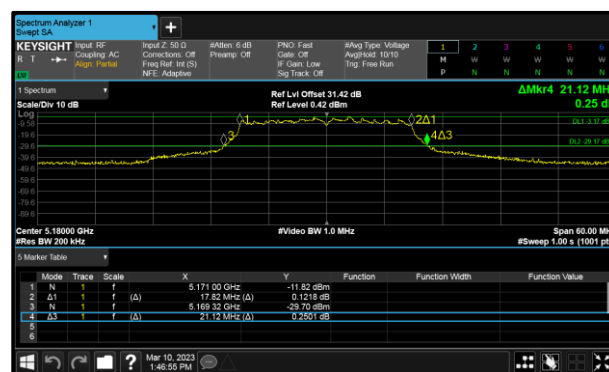


Figure 266 - 802.11ac VHT20 Maximum 99% OBW

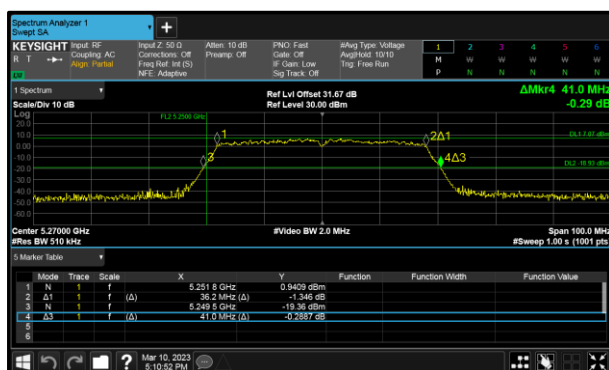


Figure 267 - 802.11ac VHT40 Minimum 99% OBW

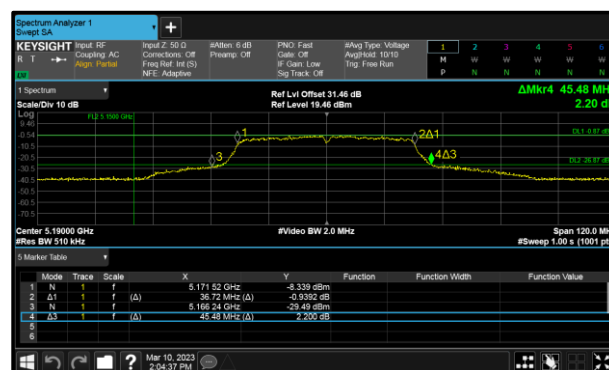


Figure 268 - 802.11ac VHT40 Maximum 99% OBW

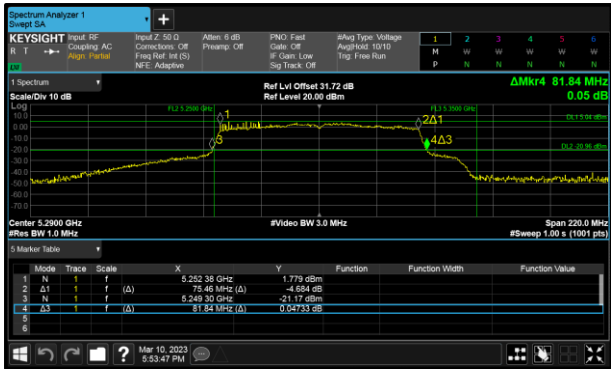


Figure 269 - 802.11ac VHT80 Minimum
99% OBW

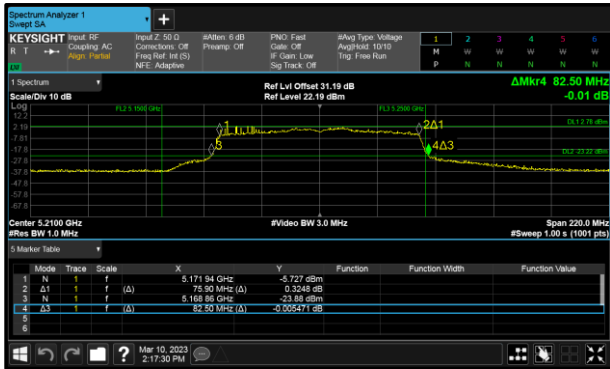


Figure 270 - 802.11ac VHT80 Maximum
99% OBW



Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	16.800	17.760
802.11ac VHT40	35.160	35.880
802.11ac VHT80	75.600	75.680

Table 35 - 6 dB Bandwidth Summary Results - TxBF

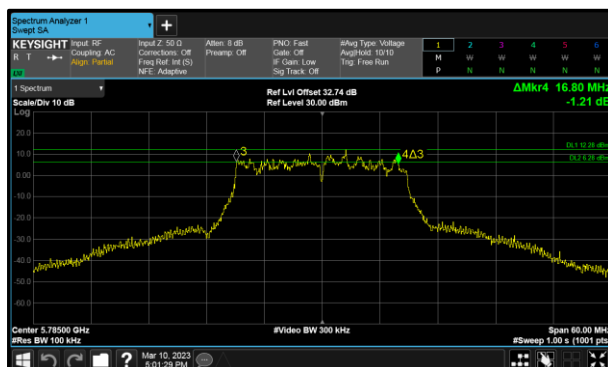


Figure 271 - 802.11ac VHT20 Minimum
6 dB EBW

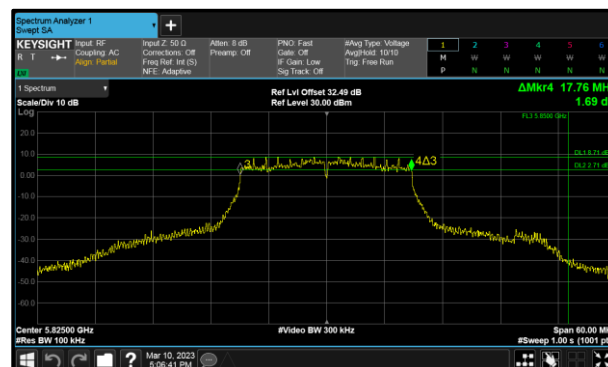


Figure 272 - 802.11ac VHT20 Maximum
6 dB EBW

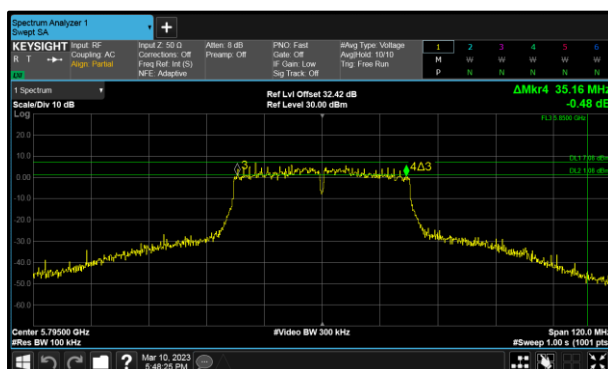


Figure 273 - 802.11ac VHT40 Minimum
6 dB EBW

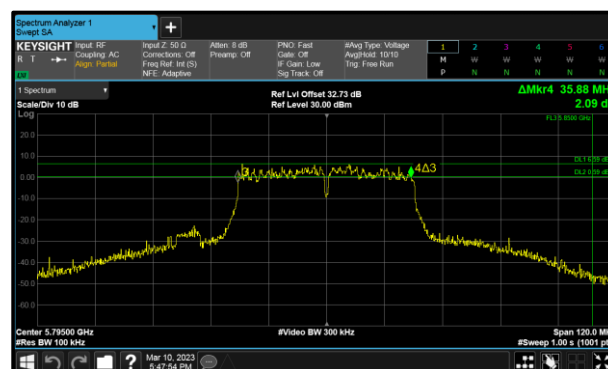


Figure 274 - 802.11ac VHT40 Maximum
6 dB EBW

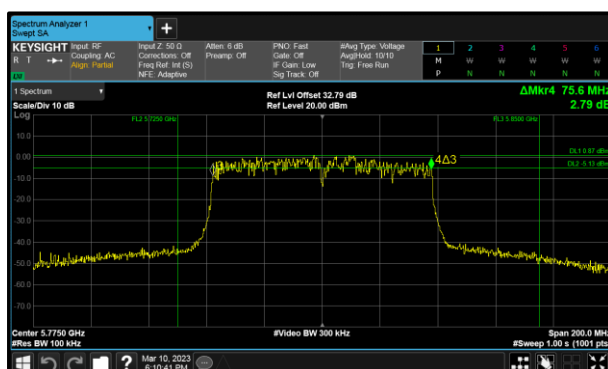


Figure 275 - 802.11ac VHT80 Minimum
6 dB EBW

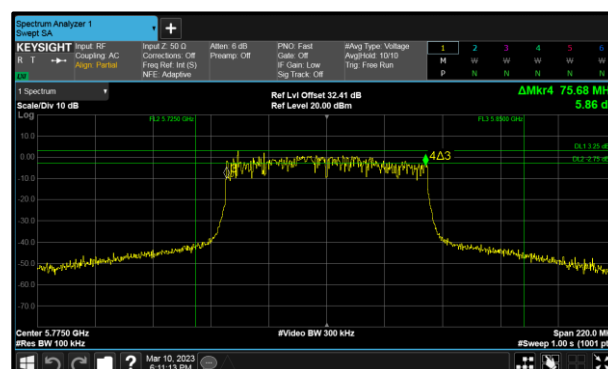


Figure 276 - 802.11ac VHT80 Maximum
6 dB EBW



SISO

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.240	-	-	-
5220	-	20.820	-	-	-
5240	-	20.820	-	-	-

Table 36 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.900	-	-	-
5220	-	21.060	-	-	-
5240	-	20.940	-	-	-

Table 37 - 26 dB Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	42.600	-	-	-
5230	-	41.640	-	-	-

Table 38 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	82.940	-	-	-

Table 39 - 26 dB Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	24.420	-	-	-
5220	-	21.240	-	-	-
5240	-	21.300	-	-	-

Table 40 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS4x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	48.360	-	-	-
5230	-	41.880	-	-	-

Table 41 - 26 dB Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	87.340	-	-	-

Table 42 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	16.620	-	-	-
5220	-	16.560	-	-	-
5240	-	16.560	-	-	-

Table 43 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	17.820	-	-	-
5220	-	17.700	-	-	-
5240	-	17.700	-	-	-

Table 44 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	36.600	-	-	-
5230	-	36.360	-	-	-

Table 45 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	75.680	-	-	-

Table 46 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	19.080	-	-	-
5220	-	19.020	-	-	-
5240	-	19.020	-	-	-

Table 47 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	38.160	-	-	-
5230	-	37.920	-	-	-

Table 48 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	77.220	-	-	-

Table 49 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	20.760	-	-	-
5300	-	20.760	-	-	-
5320	-	21.240	-	-	-

Table 50 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	16.560	-	-	-
5300	-	16.560	-	-	-
5320	-	16.620	-	-	-

Table 51 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	20.820	-	-	-
5300	-	20.940	-	-	-
5320	-	21.480	-	-	-

Table 52 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	17.640	-	-	-
5300	-	17.700	-	-	-
5320	-	17.760	-	-	-

Table 53 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	-	41.760	-	-	-
5310	-	42.720	-	-	-

Table 54 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	-	36.360	-	-	-
5310	-	36.480	-	-	-

Table 55 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	-	83.820	-	-	-

Table 56 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	-	75.680	-	-	-

Table 57 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	21.420	-	-	-
5300	-	21.300	-	-	-
5320	-	23.580	-	-	-

Table 58 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	19.020	-	-	-
5300	-	19.020	-	-	-
5320	-	19.080	-	-	-

Table 59 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	-	42.000	-	-	-
5310	-	48.360	-	-	-

Table 60 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	-	37.920	-	-	-
5310	-	38.160	-	-	-

Table 61 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	-	84.700	-	-	-

Table 62 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	-	77.440	-	-	-

Table 63 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	21.420	-	-	-
5600	-	20.700	-	-	-
5700	-	21.420	-	-	-
5720	-	15.380	-	-	-

Table 64 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	16.620	-	-	-
5600	-	16.560	-	-	-
5700	-	16.680	-	-	-
5720	-	13.160	-	-	-

Table 65 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	21.960	-	-	-
5600	-	21.000	-	-	-
5700	-	21.900	-	-	-
5720	-	15.500	-	-	-

Table 66 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	17.820	-	-	-
5600	-	17.640	-	-	-
5700	-	17.820	-	-	-
5720	-	13.700	-	-	-

Table 67 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	42.480	-	-	-
5590	-	42.000	-	-	-
5670	-	44.760	-	-	-
5710	-	35.760	-	-	-

Table 68 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	36.480	-	-	-
5590	-	36.480	-	-	-
5670	-	36.600	-	-	-
5710	-	32.880	-	-	-

Table 69 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	84.480	-	-	-
5610	-	90.200	-	-	-
5690	-	76.360	-	-	-

Table 70 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	75.680	-	-	-
5610	-	75.900	-	-	-
5690	-	72.180	-	-	-

Table 71 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	25.200	-	-	-
5600	-	21.420	-	-	-
5700	-	26.040	-	-	-
5720	-	15.680	-	-	-

Table 72 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	19.080	-	-	-
5600	-	19.020	-	-	-
5700	-	19.140	-	-	-
5720	-	14.420	-	-	-

Table 73 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	45.120	-	-	-
5590	-	42.480	-	-	-
5670	-	48.120	-	-	-
5710	-	36.000	-	-	-

Table 74 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	38.160	-	-	-
5590	-	38.160	-	-	-
5670	-	38.280	-	-	-
5710	-	33.840	-	-	-

Table 75 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	88.440	-	-	-
5610	-	97.680	-	-	-
5690	-	76.800	-	-	-

Table 76 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	77.440	-	-	-
5610	-	77.660	-	-	-
5690	-	73.280	-	-	-

Table 77 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	3.220	-	-	≥500.0
5745	-	16.080	-	-	≥500.0
5785	-	16.140	-	-	≥500.0
5825	-	16.140	-	-	≥500.0

Table 78 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.000	-	-	-
5745	-	16.560	-	-	-
5785	-	16.560	-	-	-
5825	-	16.620	-	-	-

Table 79 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	3.820	-	-	≥500.0
5745	-	17.580	-	-	≥500.0
5785	-	17.640	-	-	≥500.0
5825	-	17.640	-	-	≥500.0

Table 80 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.180	-	-	-
5745	-	17.760	-	-	-
5785	-	17.760	-	-	-
5825	-	17.760	-	-	-

Table 81 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	3.000	-	-	≥500.0
5755	-	35.880	-	-	≥500.0
5795	-	35.520	-	-	≥500.0

Table 82 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	5.760	-	-	-
5755	-	36.480	-	-	-
5795	-	36.480	-	-	-

Table 83 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	3.060	-	-	≥500.0
5775	-	75.680	-	-	≥500.0

Table 84 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	27.040	-	-	-
5775	-	75.680	-	-	-

Table 85 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.600	-	-	≥500.0
5745	-	19.080	-	-	≥500.0
5785	-	19.140	-	-	≥500.0
5825	-	19.140	-	-	≥500.0

Table 86 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.660	-	-	-
5745	-	19.080	-	-	-
5785	-	19.080	-	-	-
5825	-	19.080	-	-	-

Table 87 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	4.200	-	-	≥500.0
5755	-	38.400	-	-	≥500.0
5795	-	38.280	-	-	≥500.0

Table 88 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	5.040	-	-	-
5755	-	38.040	-	-	-
5795	-	38.160	-	-	-

Table 89 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	4.160	-	-	≥500.0
5775	-	78.320	-	-	≥500.0

Table 90 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	23.960	-	-	-
5775	-	77.220	-	-	-

Table 91 - 99% Bandwidth Results



MIMO CDD

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	B+C (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.780	21.840	-	-
5220	-	21.000	20.940	-	-
5240	-	21.000	20.940	-	-

Table 92 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	B+C (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	42.720	42.360	-	-
5230	-	41.500	41.400	-	-

Table 93 - 26 dB Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	B+C (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	83.600	83.820	-	-

Table 94 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	B+C (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	26.220	25.860	-	-
5220	-	21.300	21.300	-	-
5240	-	21.240	21.360	-	-

Table 95 - 26 dB Bandwidth Results