





Figure 688 - Core 0 (A) 5775 MHz (CH155) 6 dB Bandwidth



Figure 689 - Core 1 (B) 5775 MHz (CH155) 99% Bandwidth



Figure 690 - Core 1 (B) 5775 MHz (CH155) 6 dB Bandwidth



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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	3.060	3.280	-	-	3.060	≥500.0
5775	75.680	75.680	-	-	75.680	≥500.0

Table 640 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	14.720	19.780	-	-	14.720	-
5775	75.680	75.460	-	-	75.460	-

Table 641 - 99% Bandwidth Results



Figure 691 - Core 0 (A) 5690 MHz (CH138) 99% Bandwidth



Figure 692 - Core 0 (A) 5690 MHz (CH138) 6 dB Bandwidth



Figure 693 - Core 1 (B) 5690 MHz (CH138) 99% Bandwidth





Figure 696 - Core 0 (A) 5775 MHz (CH155) 6 dB Bandwidth



Figure 697 - Core 1 (B) 5775 MHz (CH155) 99% Bandwidth



Figure 698 - Core 1 (B) 5775 MHz (CH155) 6 dB Bandwidth



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):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720	4.540	-	-	-	4.540	≥500.0

Table 642 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720	4.660	-	-	-	4.660	-

Table 643 - 99% Bandwidth Results



Figure 699 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth



Figure 700 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth



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 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745	-	19.080	-	-	19.080	≥500.0
5785	-	19.080	-	-	19.080	≥500.0
5825	-	19.200	-	-	19.200	≥500.0

Table 644 - 6 dB Bandwidth Results

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

Table 645 - 99% Bandwidth Results



Figure 701 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 702 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 703 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth







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:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720	4.540	4.600	-	-	4.540	≥500.0
5745	19.080	19.140	-	-	19.080	≥500.0
5785	19.140	19.080	-	-	19.080	≥500.0
5825	19.140	19.080	-	-	19.080	≥500.0

Table 646 - 6 dB Bandwidth Results

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

Table 647 - 99% Bandwidth Results

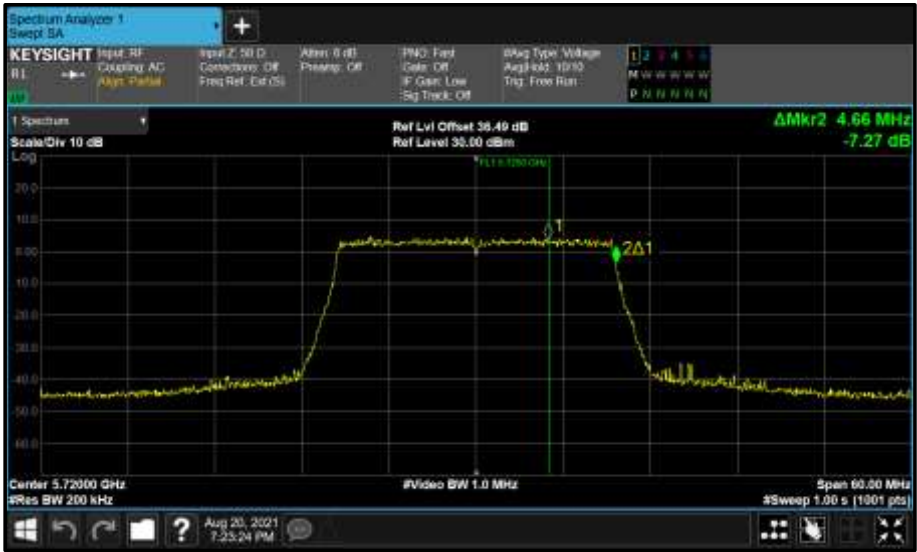


Figure 707 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth



Figure 708 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth

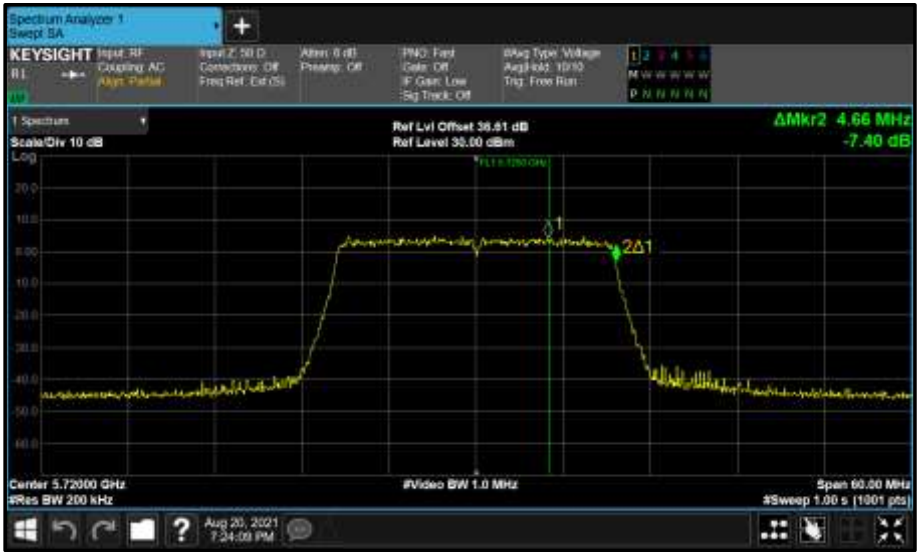


Figure 709 - Core 1 (B) 5720 MHz (CH144) 99% Bandwidth

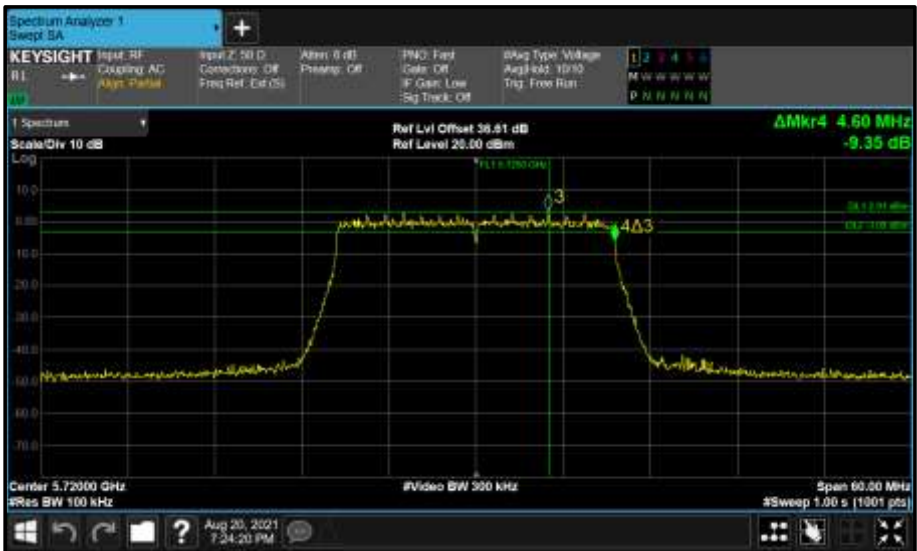


Figure 710 - Core 1 (B) 5720 MHz (CH144) 6 dB Bandwidth



Figure 711 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth



Figure 712 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth



Figure 713 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 714 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth

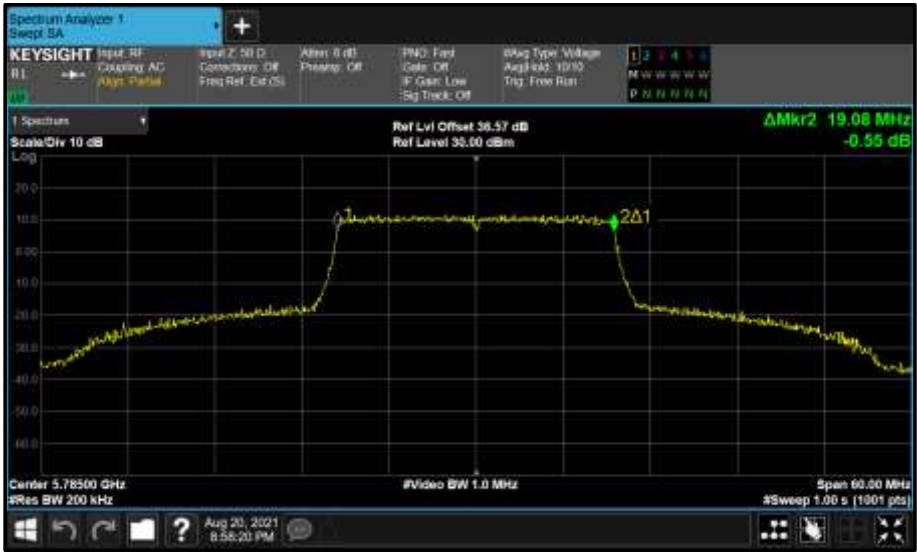


Figure 715 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth



Figure 716 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 717 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth

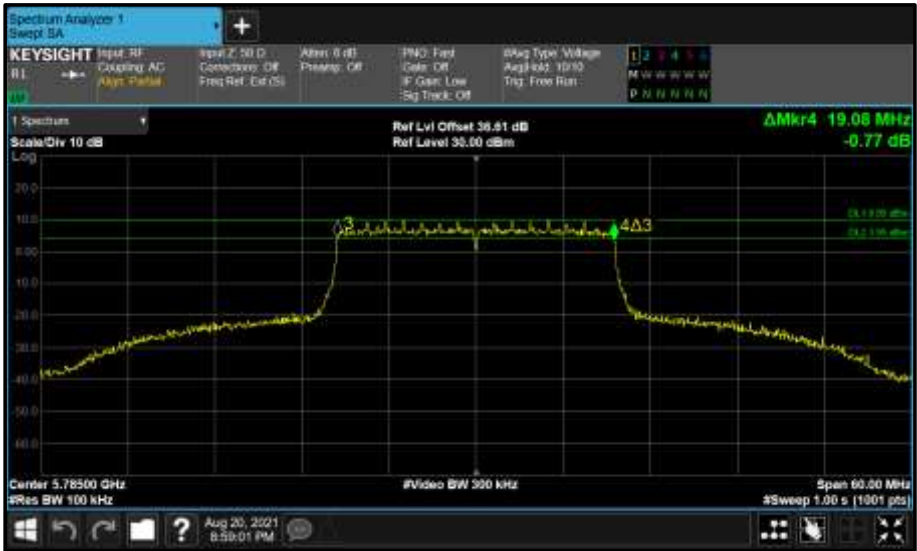


Figure 718 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth

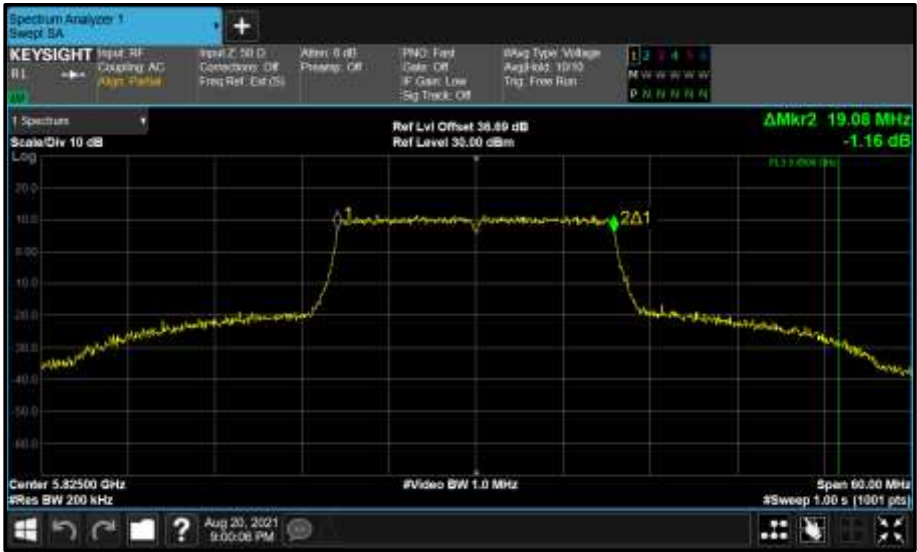


Figure 719 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth

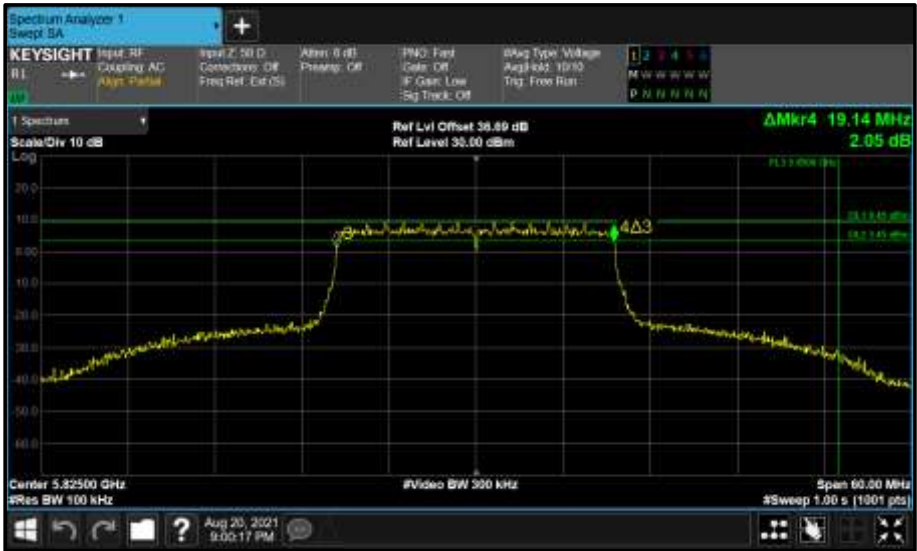


Figure 720 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth



Figure 721 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

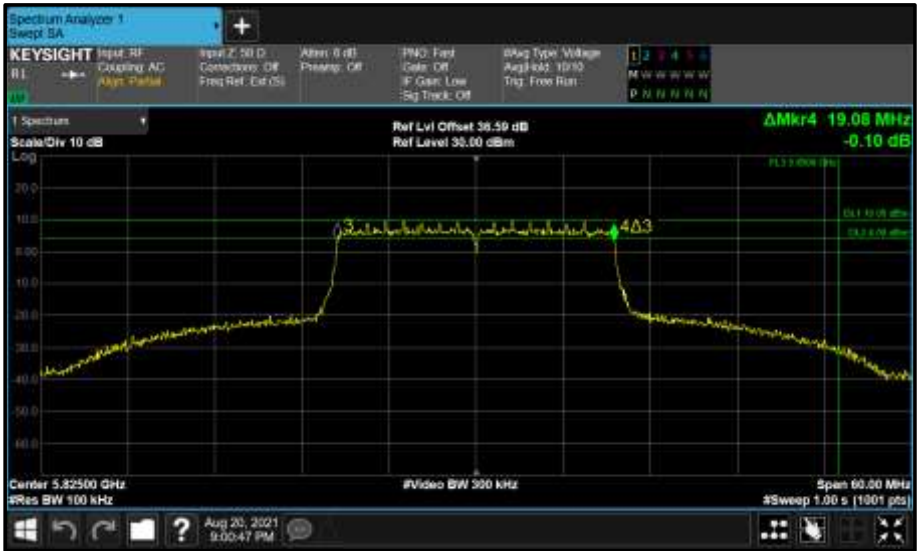


Figure 722 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720	4.600	4.540	-	-	4.540	≥500.0
5745	19.080	19.140	-	-	19.080	≥500.0
5785	19.140	19.140	-	-	19.140	≥500.0
5825	19.140	19.080	-	-	19.080	≥500.0

Table 648 - 6 dB Bandwidth Results

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

Table 649 - 99% Bandwidth Results

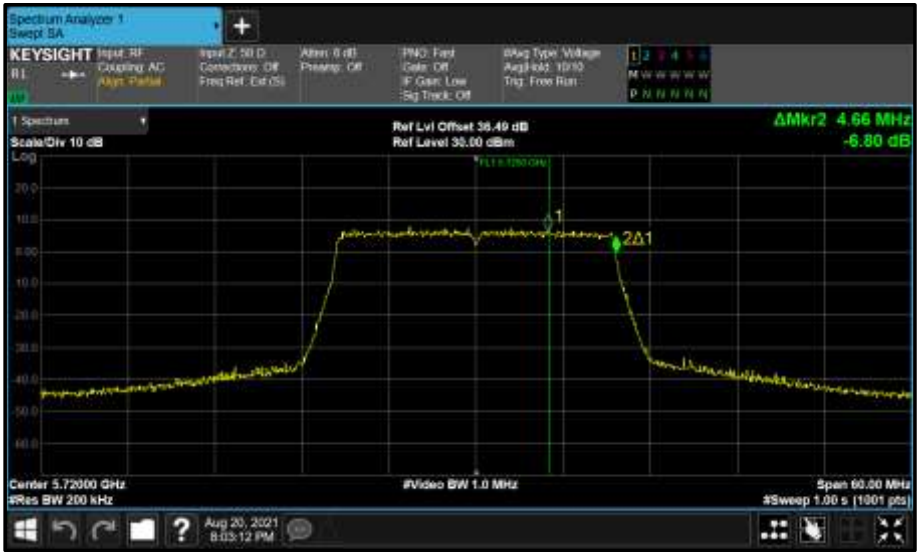


Figure 723 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth

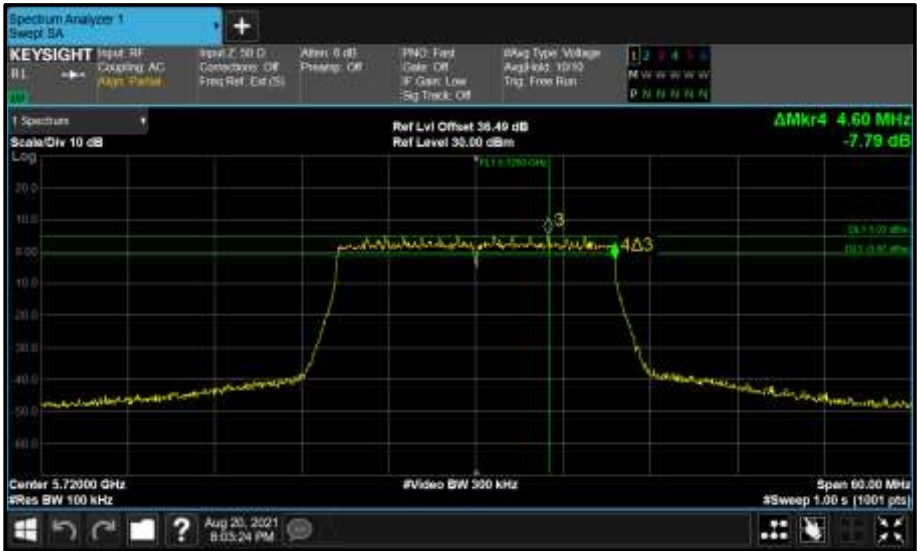


Figure 724 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth

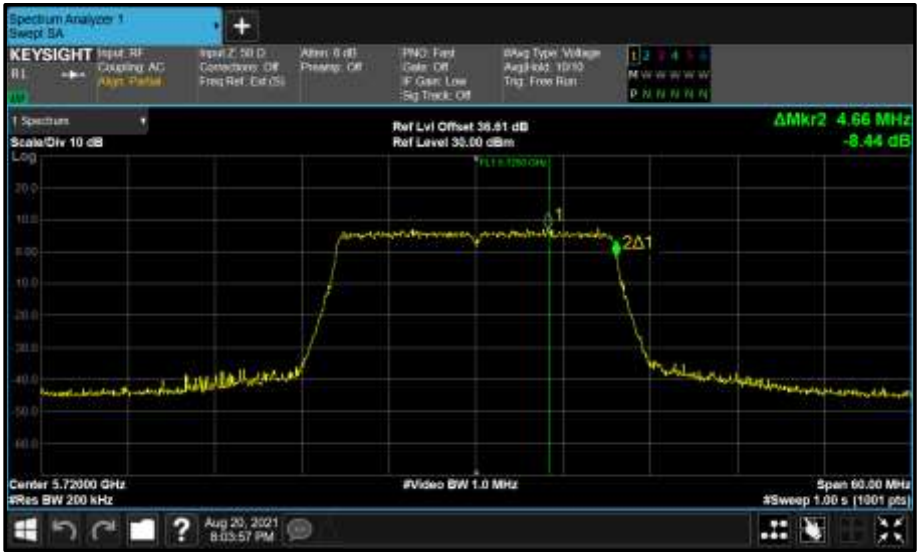


Figure 725 - Core 1 (B) 5720 MHz (CH144) 99% Bandwidth

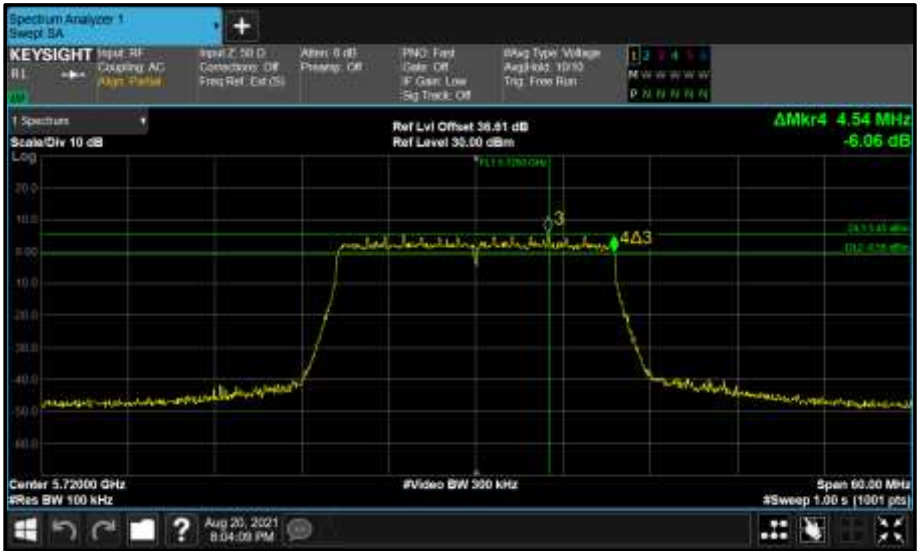


Figure 726 - Core 1 (B) 5720 MHz (CH144) 6 dB Bandwidth

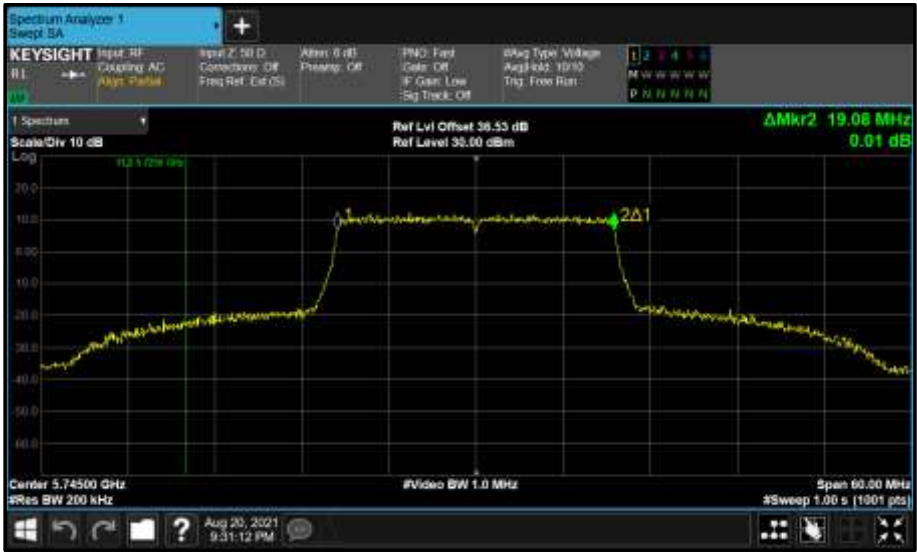


Figure 727 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth



Figure 728 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth



Figure 729 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 730 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 731 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth



Figure 732 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 733 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth

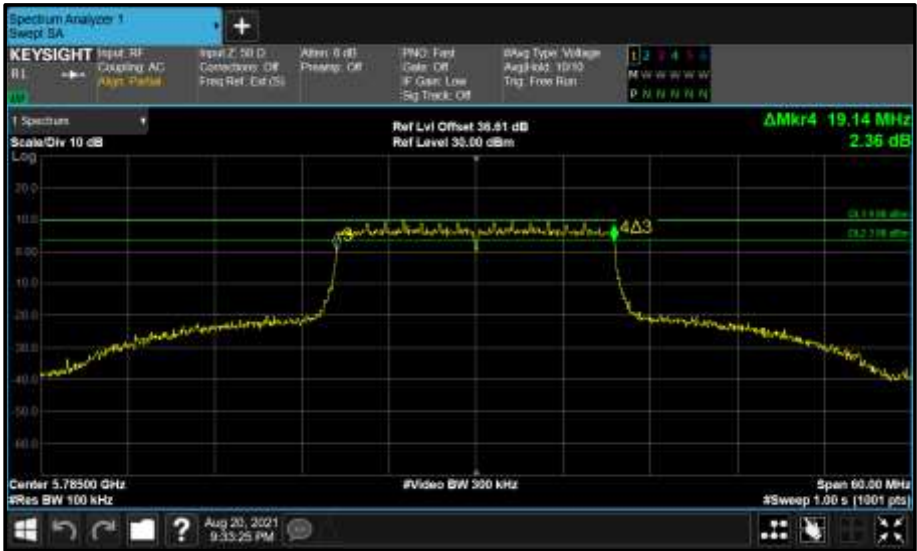


Figure 734 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth

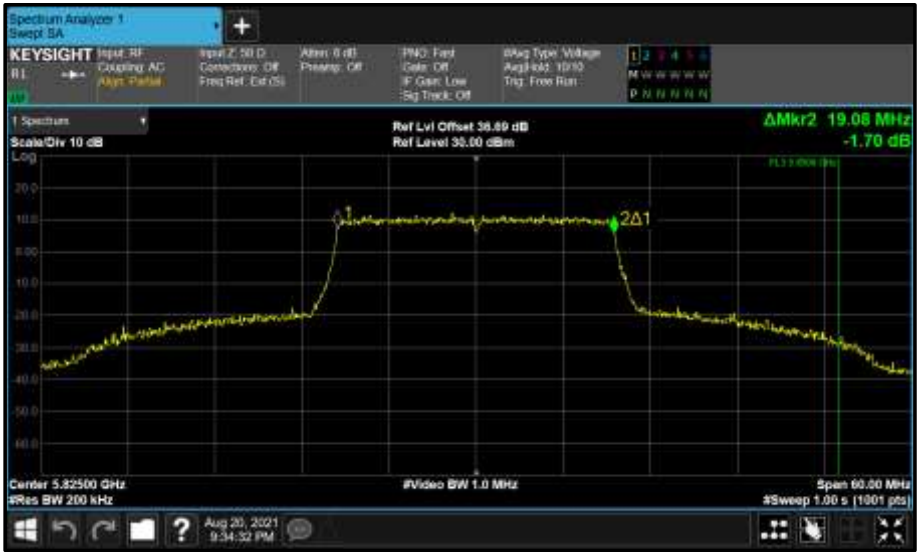


Figure 735 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth

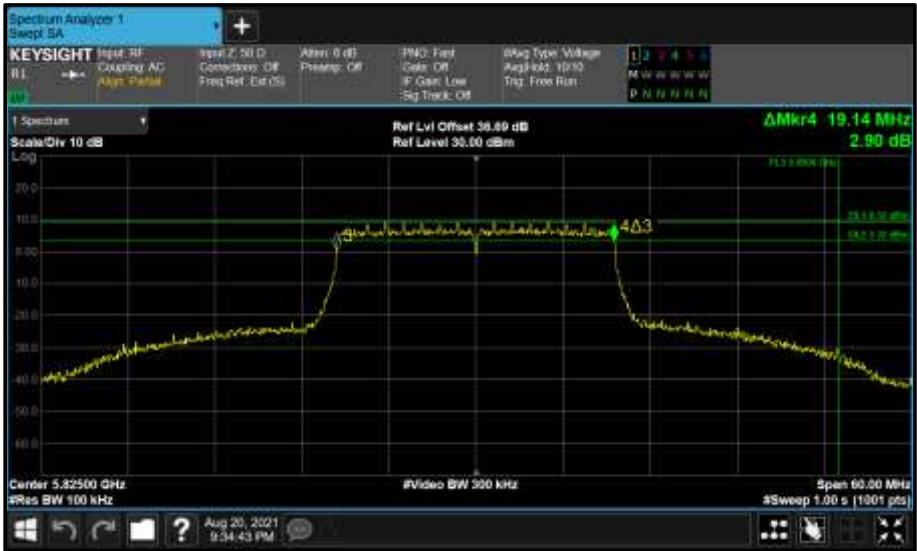


Figure 736 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth



Figure 737 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

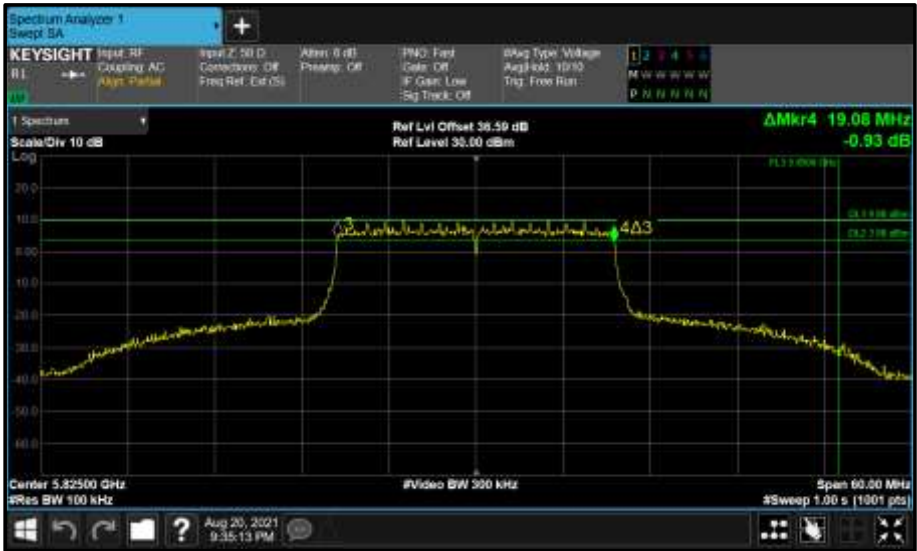


Figure 738 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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 RU26	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU26.0)	-	2.160	-	-	2.160	≥500.0
5785 (RU26.0)	-	2.160	-	-	2.160	≥500.0
5825 (RU26.8)	-	2.160	-	-	2.160	≥500.0

Table 650 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU26.0)	-	18.300	-	-	18.300	-
5785 (RU26.0)	-	18.360	-	-	18.360	-
5825 (RU26.8)	-	18.540	-	-	18.540	-

Table 651 - 99% Bandwidth Results



Figure 739 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 740 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 741 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth

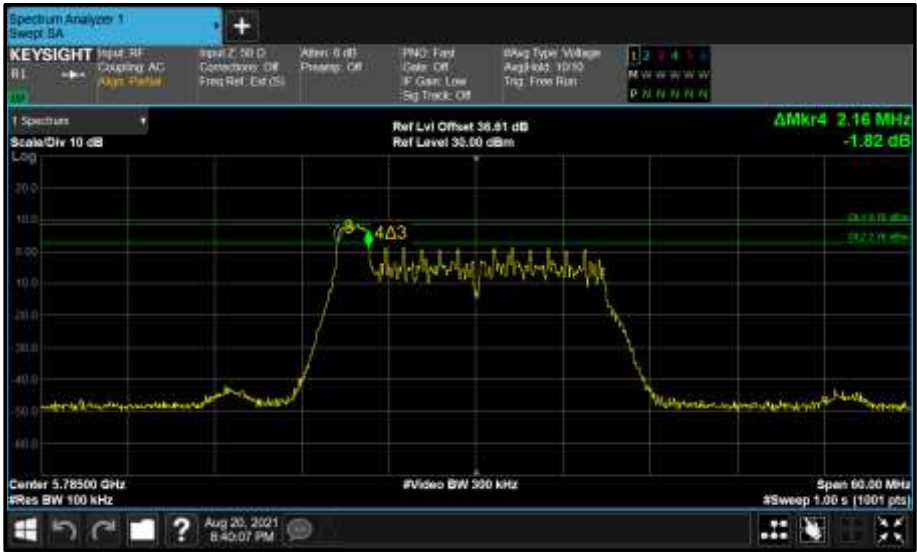


Figure 742 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth

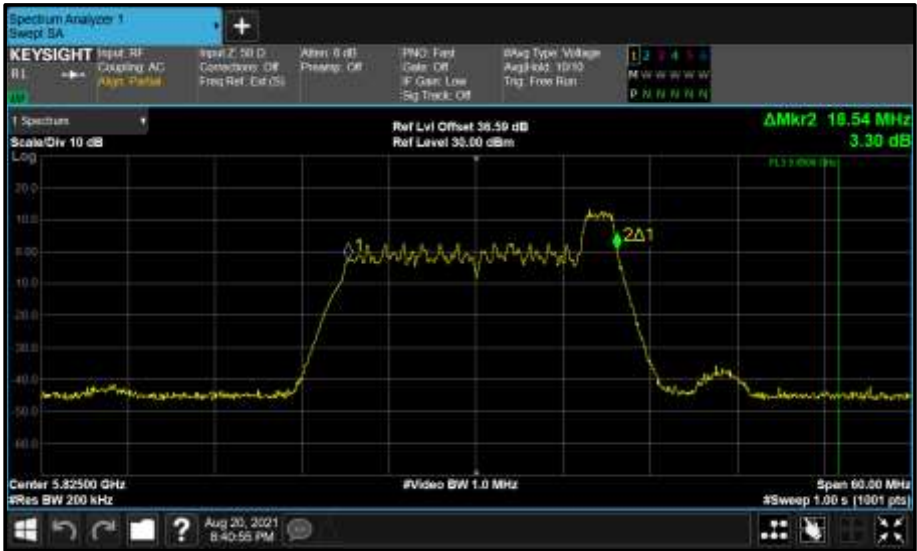


Figure 743 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

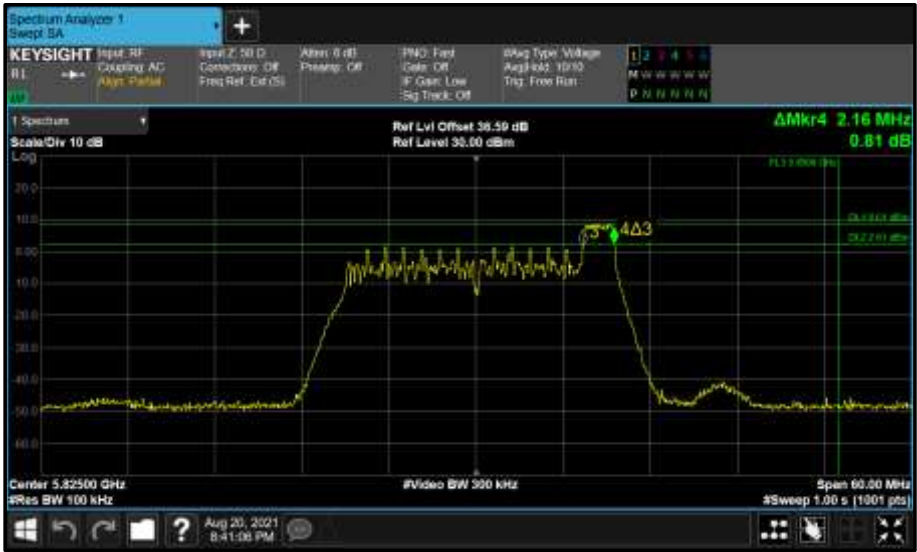


Figure 744 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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 RU26	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU26.0)	2.160	2.160	-	-	2.160	≥500.0
5785 (RU26.0)	2.160	2.220	-	-	2.160	≥500.0
5825 (RU26.8)	2.160	2.160	-	-	2.160	≥500.0

Table 652 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU26.0)	18.360	18.300	-	-	18.300	-
5785 (RU26.0)	18.360	18.300	-	-	18.300	-
5825 (RU26.8)	18.540	18.360	-	-	18.360	-

Table 653 - 99% Bandwidth Results



Figure 745 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth

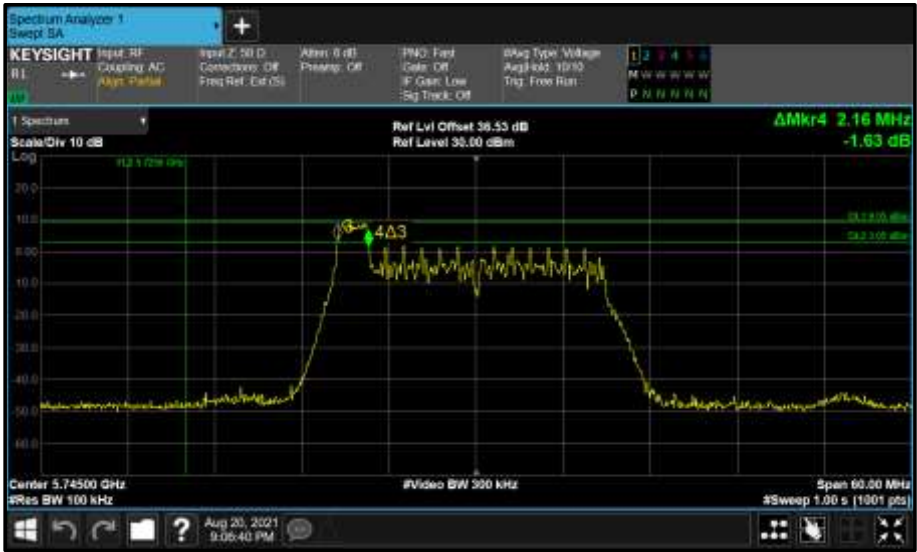


Figure 746 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth

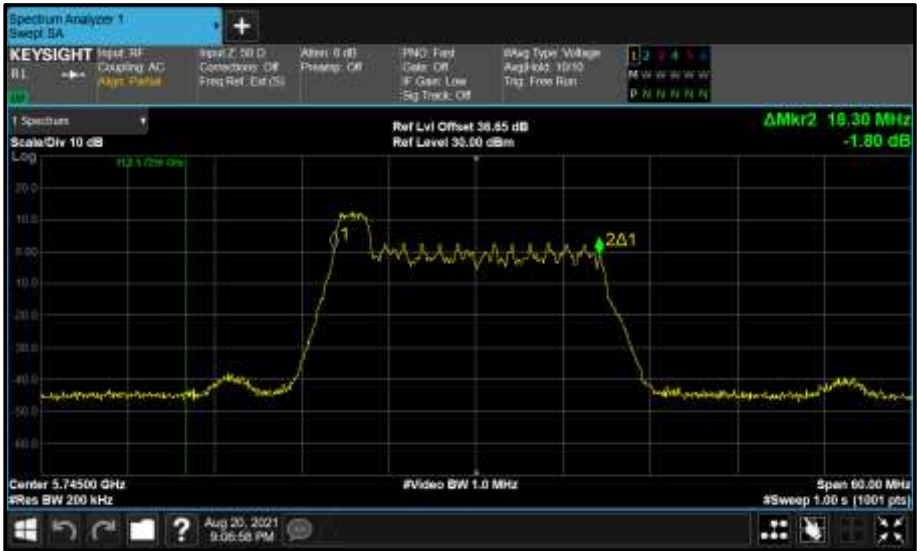


Figure 747 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



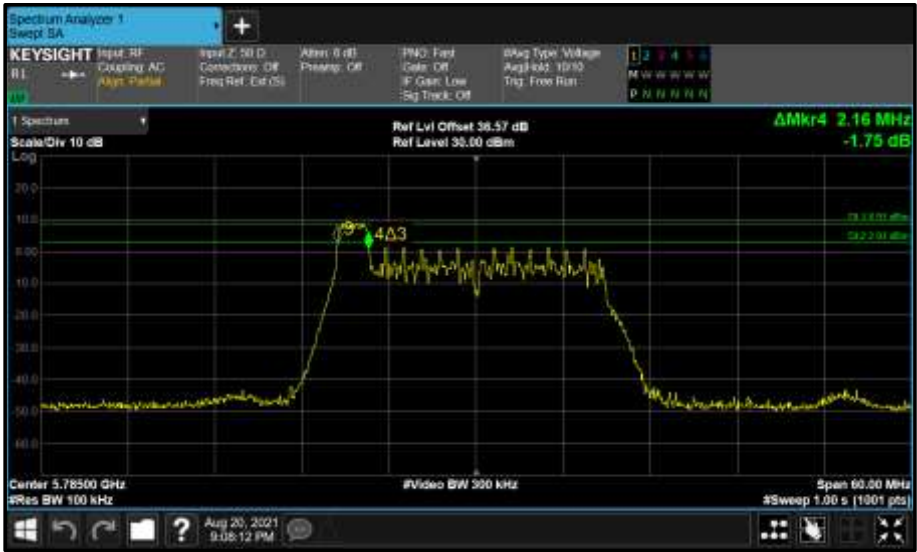


Figure 750 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth

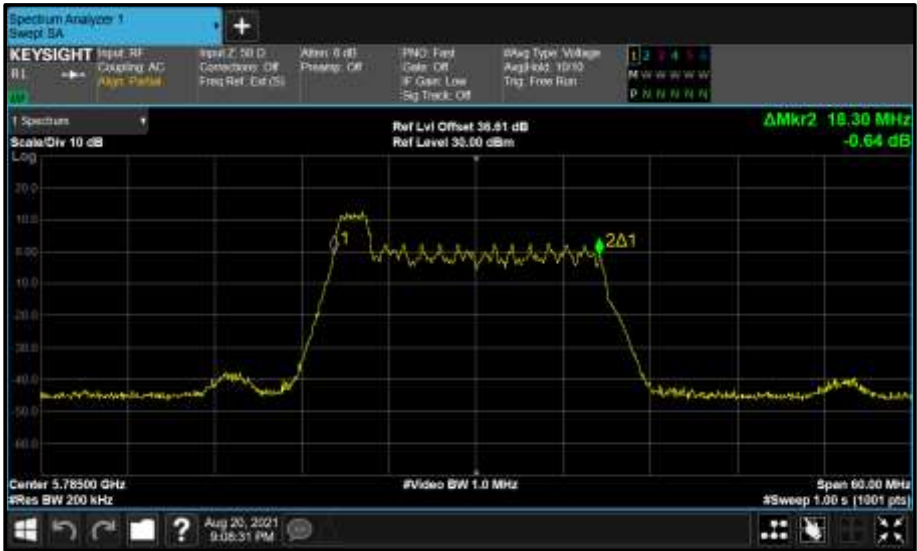


Figure 751 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth

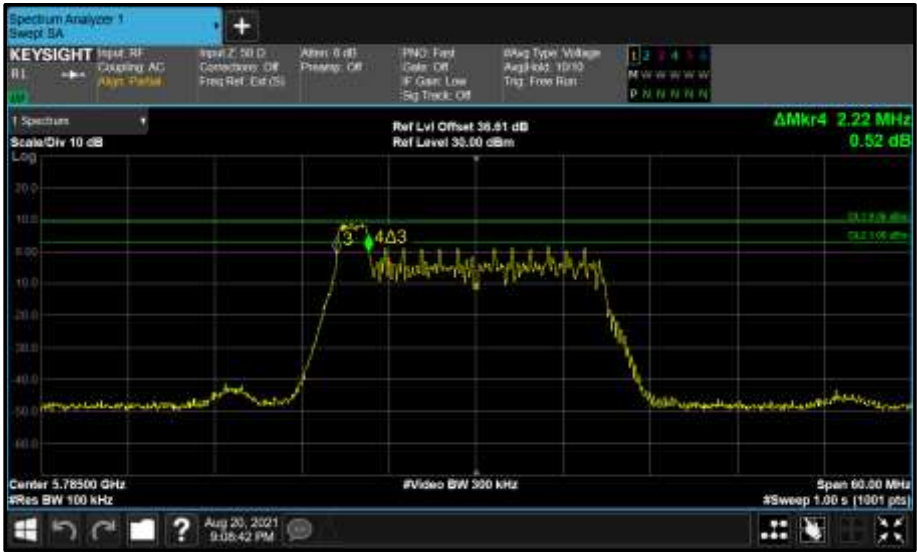


Figure 752 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth

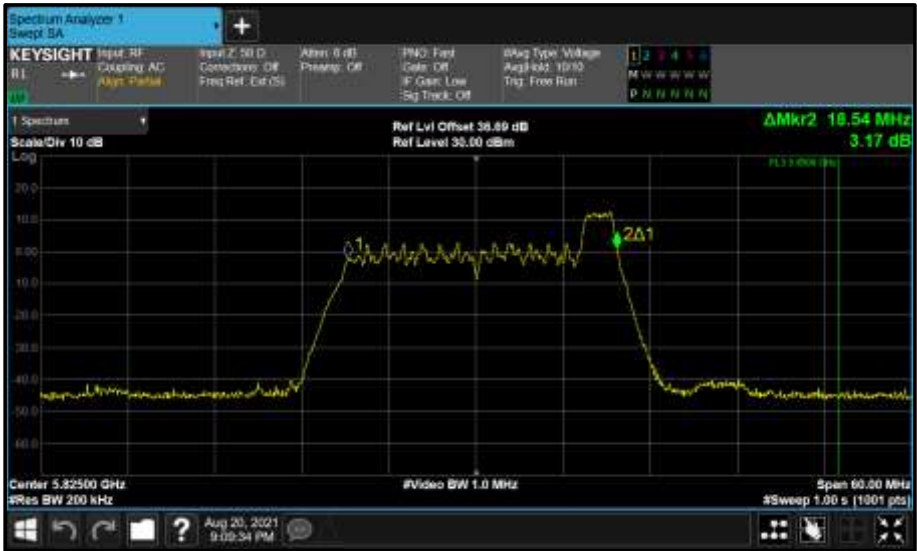


Figure 753 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth



Figure 754 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth



Figure 755 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth





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 RU26	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU26.0)	2.160	2.160	-	-	2.160	≥500.0
5785 (RU26.0)	2.160	2.160	-	-	2.160	≥500.0
5825 (RU26.8)	2.160	2.160	-	-	2.160	≥500.0

Table 654 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU26.0)	18.360	18.300	-	-	18.300	-
5785 (RU26.0)	18.360	18.300	-	-	18.300	-
5825 (RU26.8)	18.600	18.300	-	-	18.300	-

Table 655 - 99% Bandwidth Results



Figure 757 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth

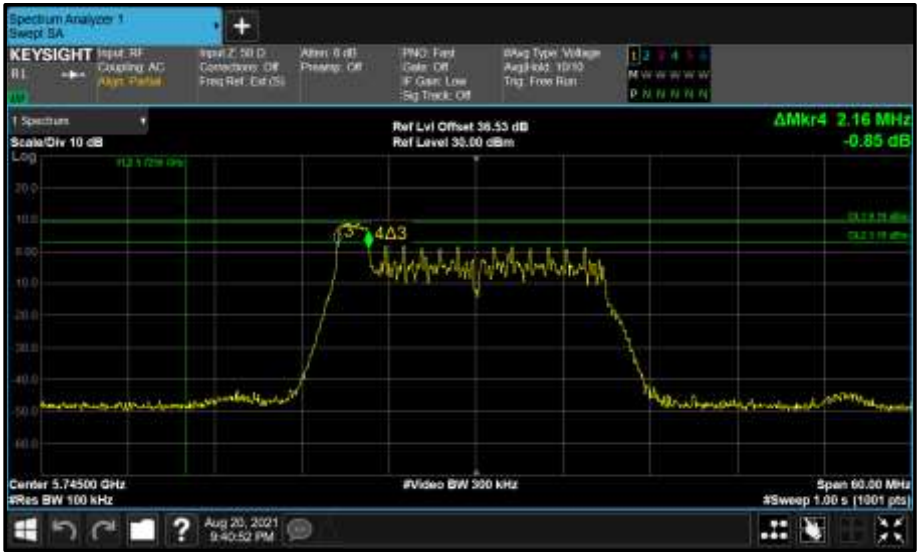


Figure 758 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth

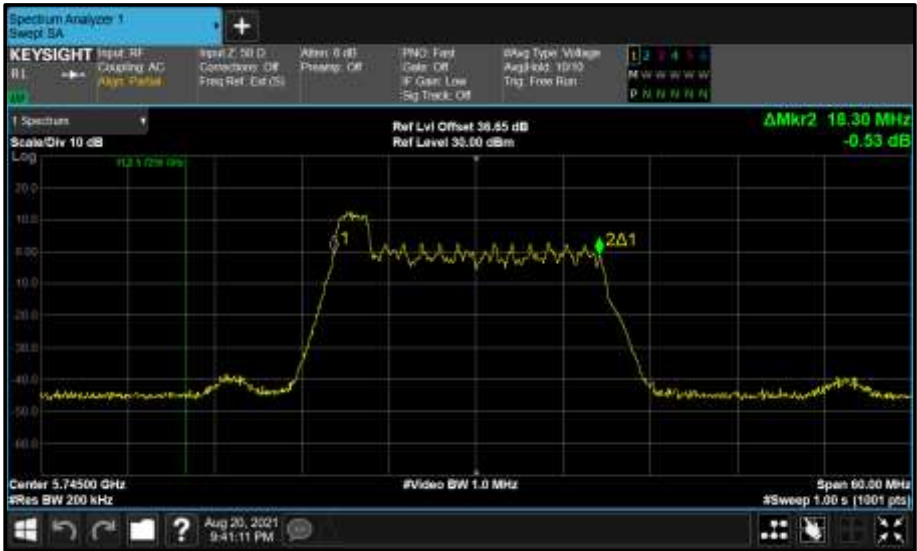


Figure 759 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth

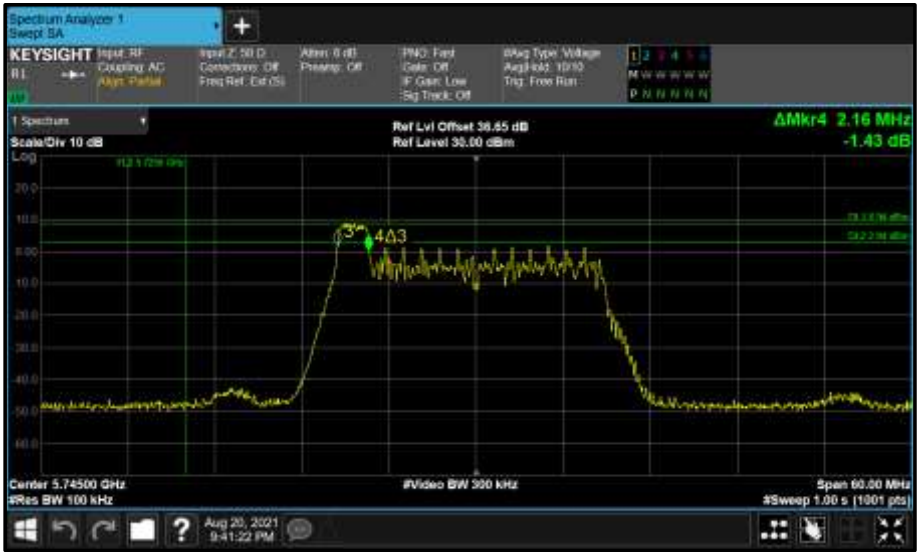


Figure 760 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth

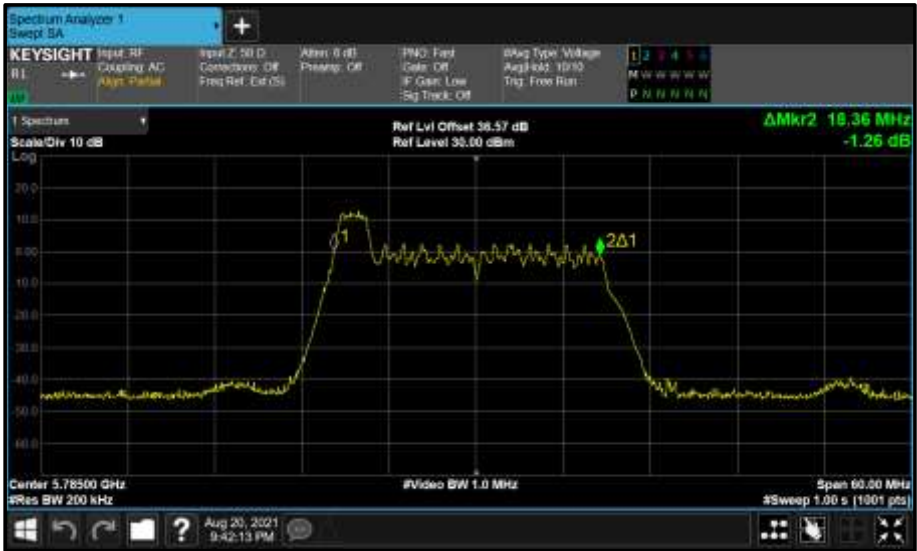


Figure 761 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth



Figure 762 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 763 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth



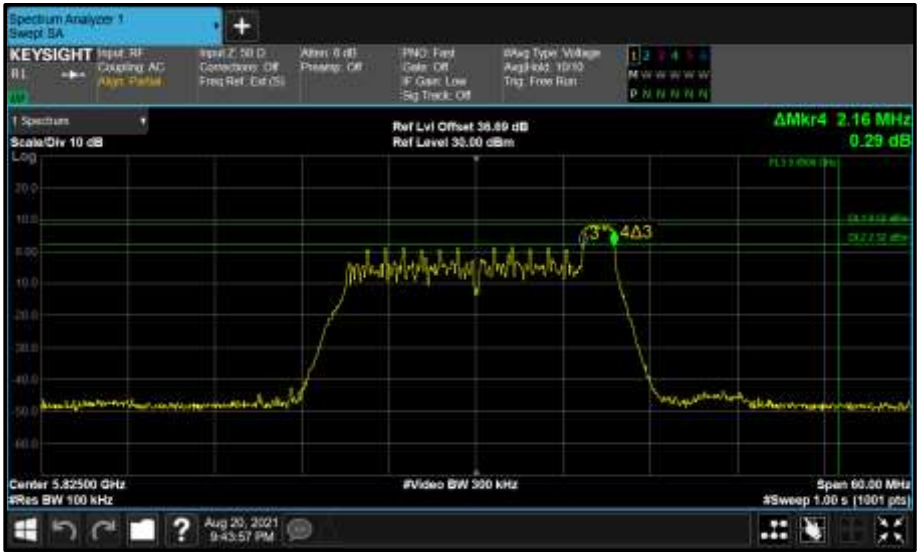


Figure 766 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth

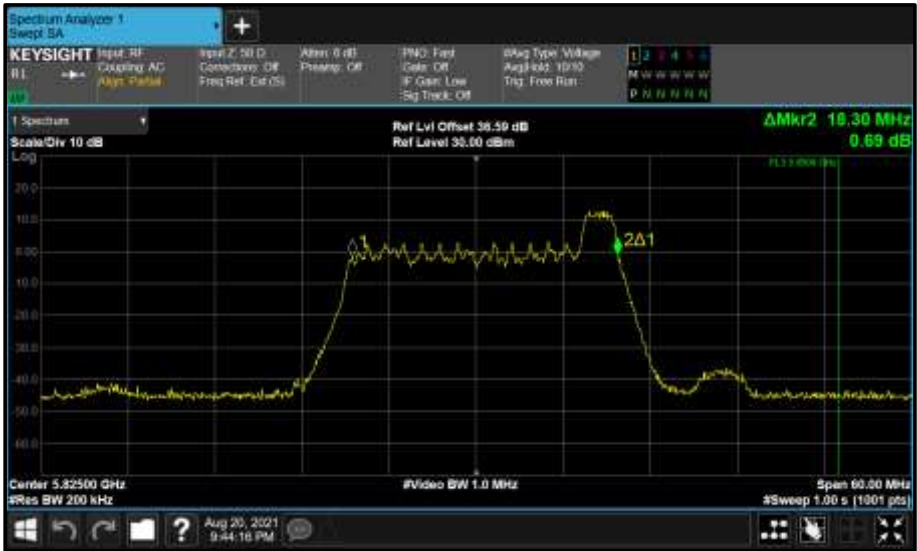


Figure 767 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

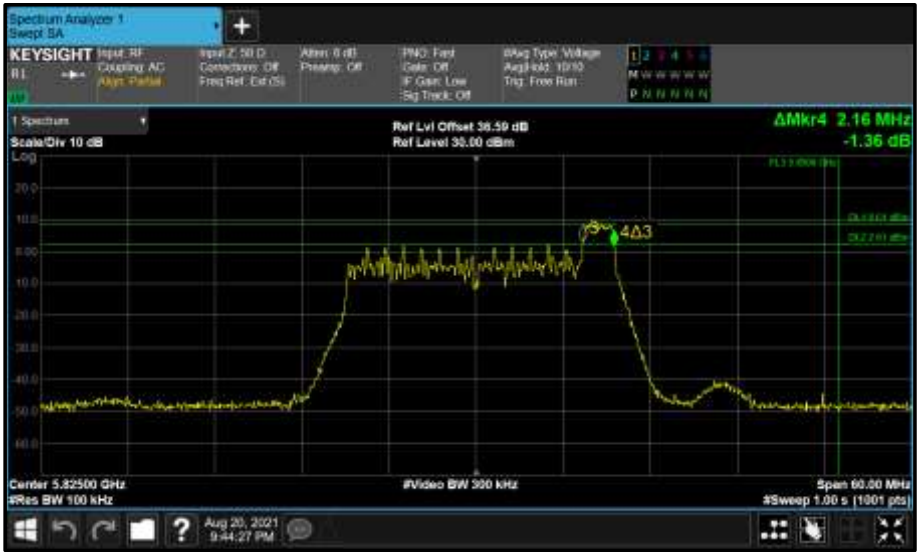


Figure 768 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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 RU52	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU52.40)	4.140	-	-	-	4.140	≥500.0

Table 656 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU52.40)	4.600	-	-	-	4.600	-

Table 657 - 99% Bandwidth Results



Figure 769 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth

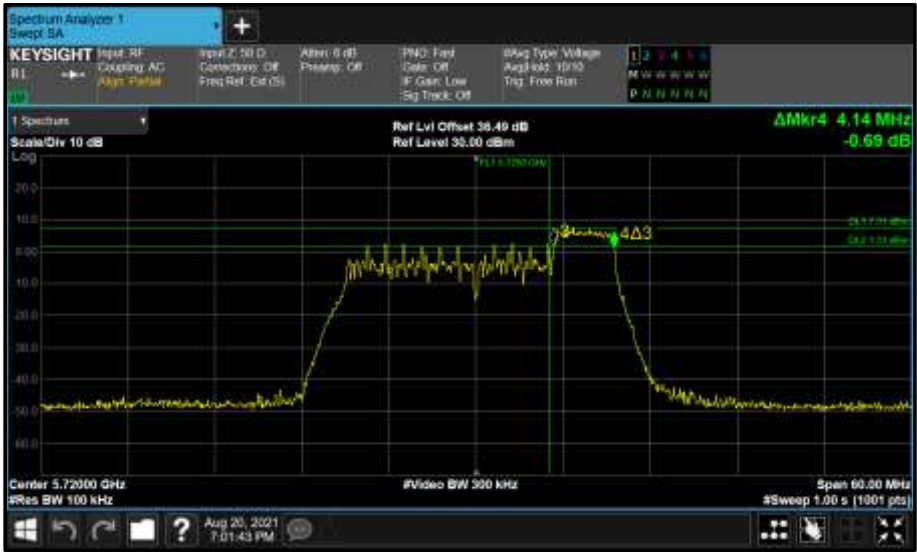


Figure 770 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth



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 RU52	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCC (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU52.37)	-	17.100	-	-	17.100	≥500.0
5785 (RU52.37)	-	17.100	-	-	17.100	≥500.0
5825 (RU52.40)	-	17.100	-	-	17.100	≥500.0

Table 658 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU52.37)	-	18.240	-	-	18.240	-
5785 (RU52.37)	-	18.240	-	-	18.240	-
5825 (RU52.40)	-	18.480	-	-	18.480	-

Table 659 - 99% Bandwidth Results



Figure 771 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 772 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 773 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth

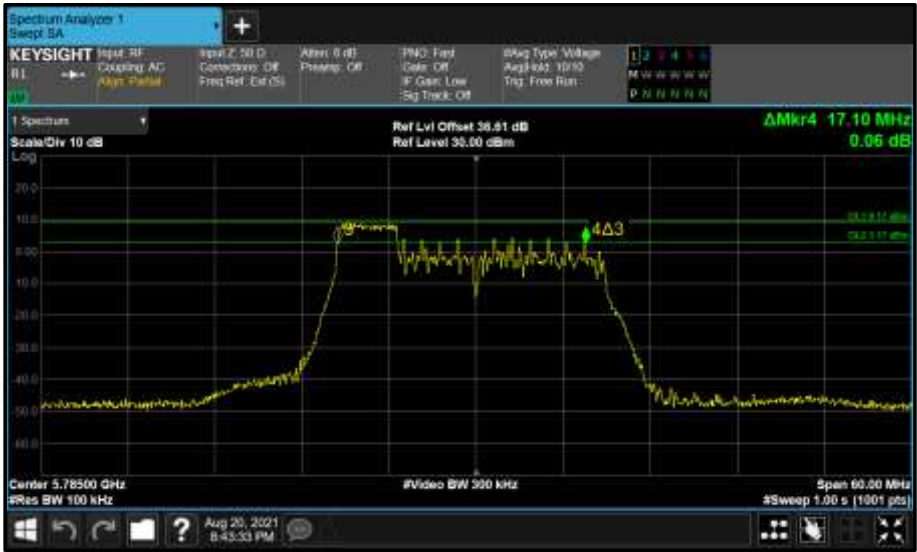


Figure 774 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth

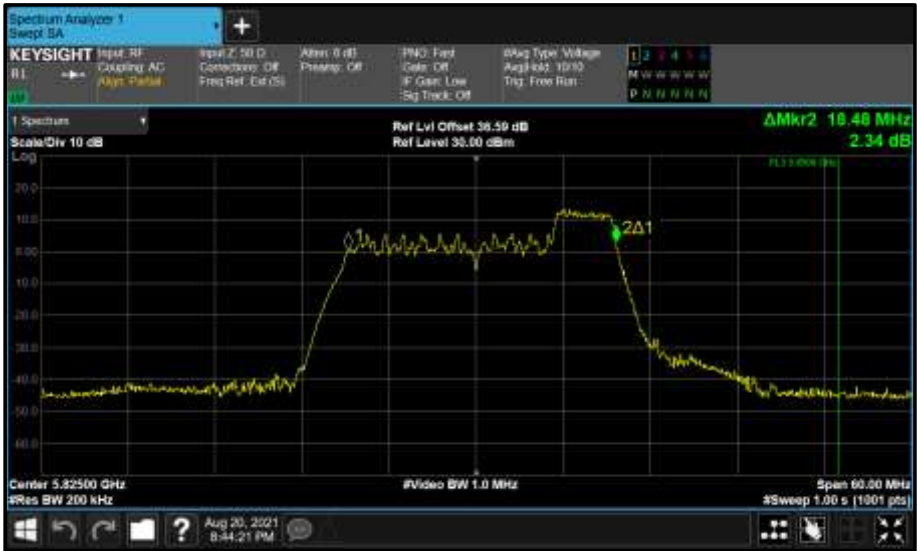


Figure 775 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

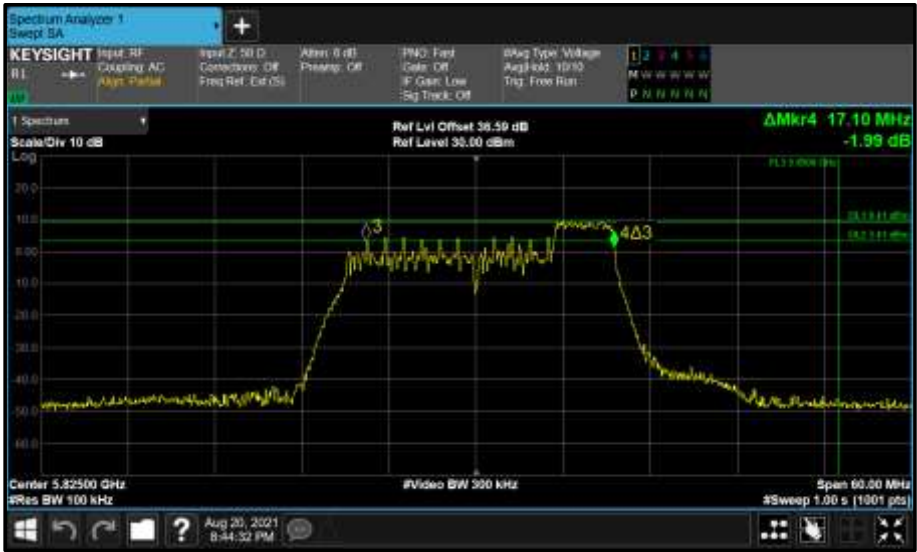


Figure 776 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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 RU52	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU52.40)	4.540	4.540	-	-	4.540	≥500.0
5745 (RU52.37)	17.100	17.100	-	-	17.100	≥500.0
5785 (RU52.37)	17.100	17.100	-	-	17.100	≥500.0
5825 (RU52.40)	17.100	17.100	-	-	17.100	≥500.0

Table 660 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU52.40)	4.600	4.600	-	-	4.600	-
5745 (RU52.37)	18.240	18.180	-	-	18.180	-
5785 (RU52.37)	18.240	18.180	-	-	18.180	-
5825 (RU52.40)	18.480	18.180	-	-	18.180	-

Table 661 - 99% Bandwidth Results



Figure 777 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth



Figure 778 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth

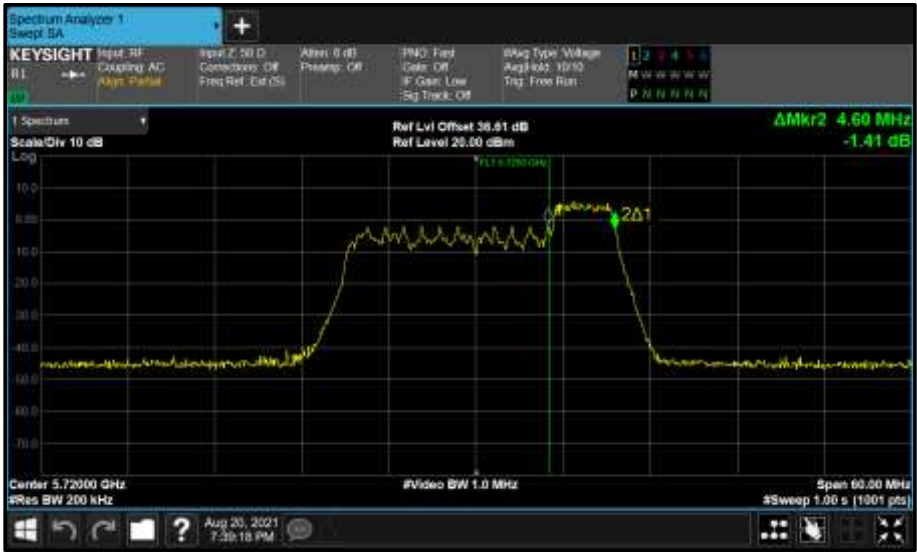


Figure 779 - Core 1 (B) 5720 MHz (CH144) 99% Bandwidth



Figure 780 - Core 1 (B) 5720 MHz (CH144) 6 dB Bandwidth



Figure 781 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth

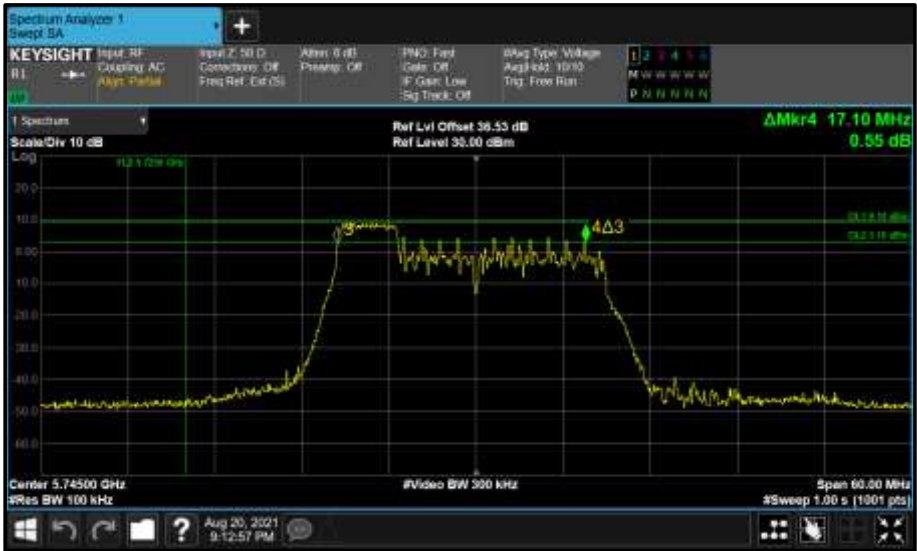


Figure 782 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth



Figure 783 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth

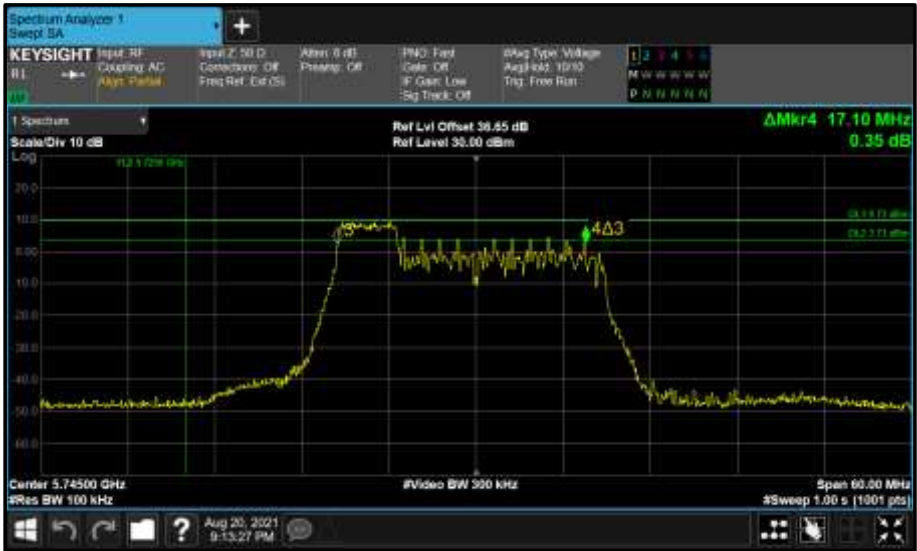


Figure 784 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth

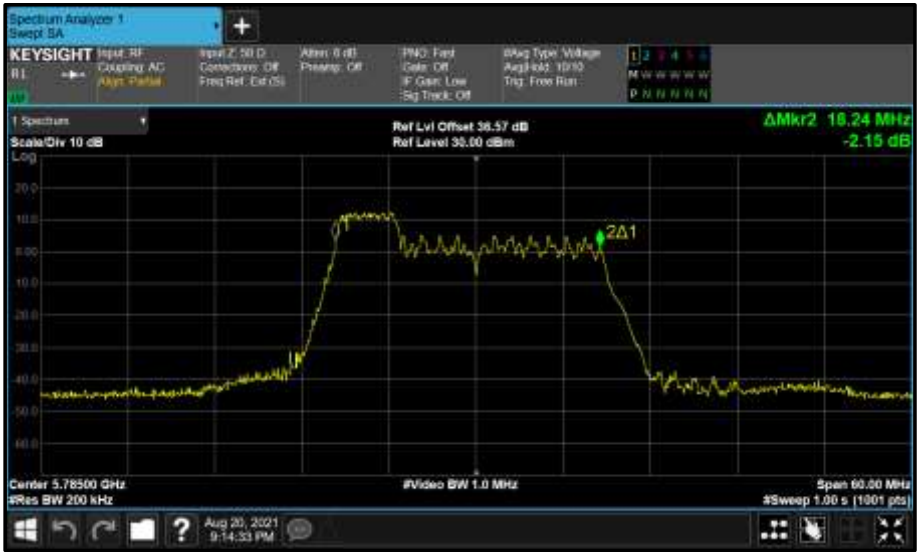


Figure 785 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth

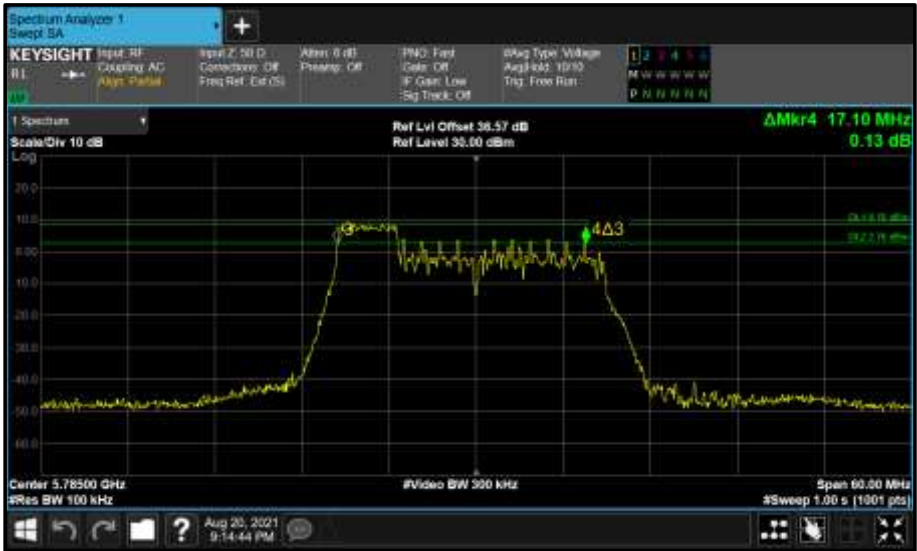


Figure 786 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 787 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth



Figure 788 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth



Figure 789 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth

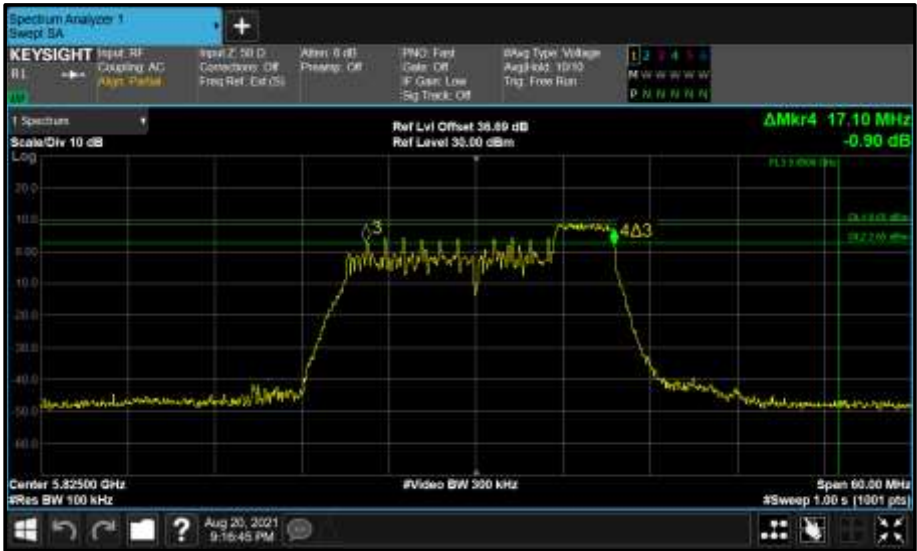


Figure 790 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth





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 RU52	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU52.40)	4.200	4.540	-	-	4.200	≥500.0
5745 (RU52.37)	17.100	17.100	-	-	17.100	≥500.0
5785 (RU52.37)	17.160	17.160	-	-	17.160	≥500.0
5825 (RU52.40)	15.840	17.100	-	-	15.840	≥500.0

Table 662 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU52.40)	4.600	4.600	-	-	4.600	-
5745 (RU52.37)	18.240	18.240	-	-	18.240	-
5785 (RU52.37)	18.240	18.120	-	-	18.120	-
5825 (RU52.40)	18.480	18.180	-	-	18.180	-

Table 663 - 99% Bandwidth Results

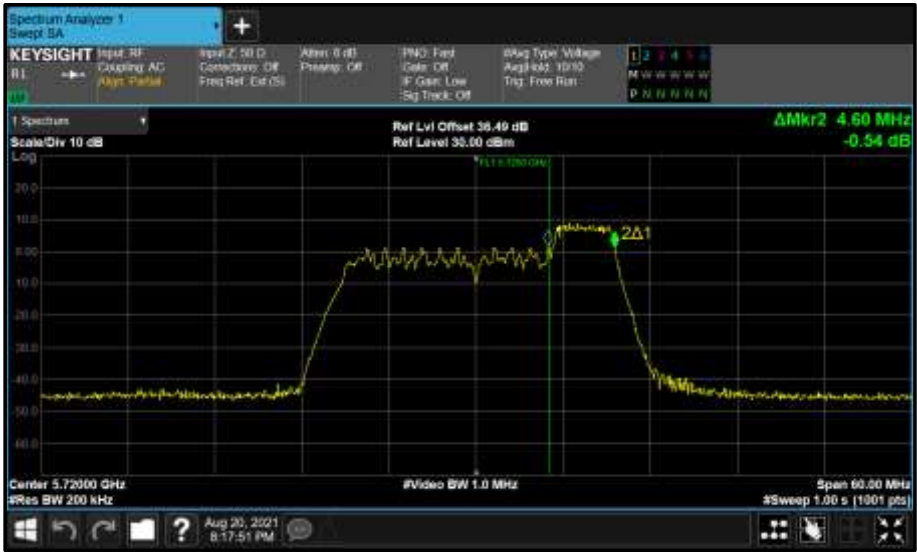


Figure 793 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth



Figure 794 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth



Figure 795 - Core 1 (B) 5720 MHz (CH144) 99% Bandwidth



Figure 796 - Core 1 (B) 5720 MHz (CH144) 6 dB Bandwidth



Figure 797 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth

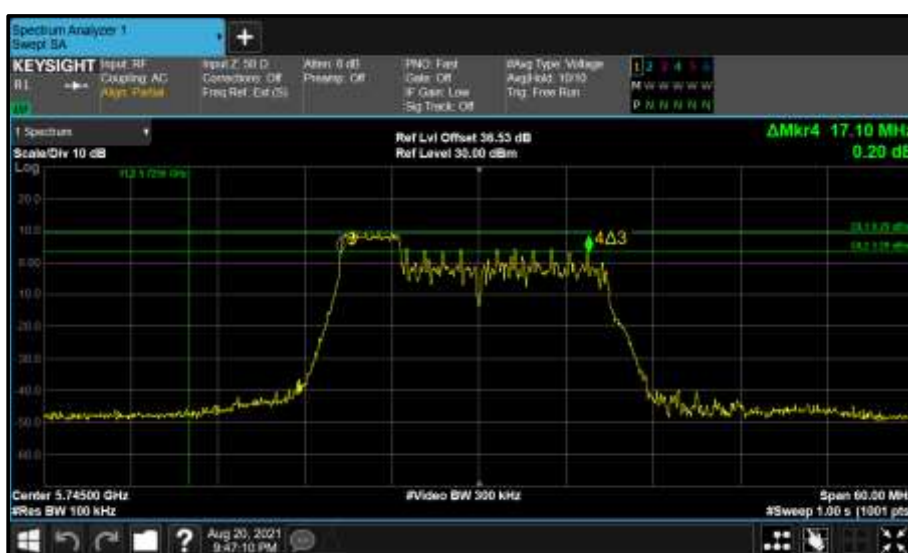


Figure 798 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth



Figure 799 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth

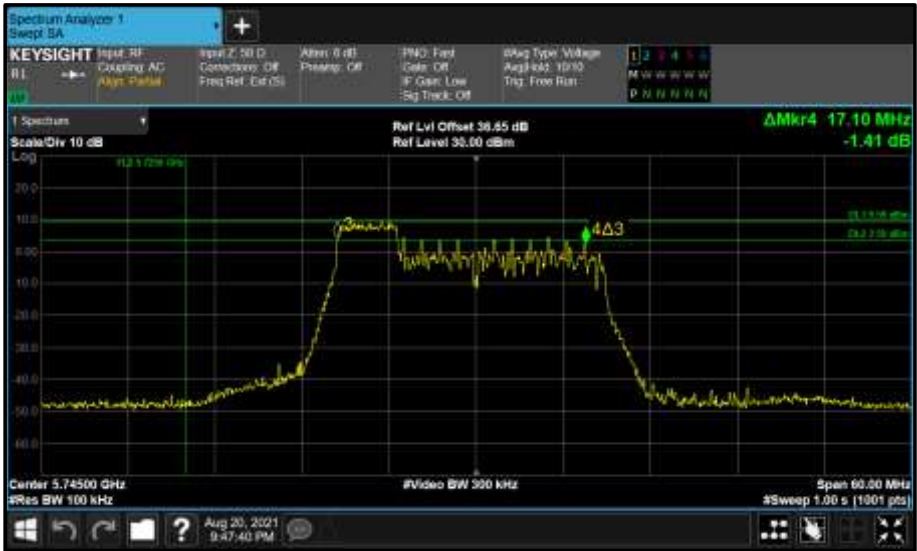


Figure 800 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 801 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth



Figure 802 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 803 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth

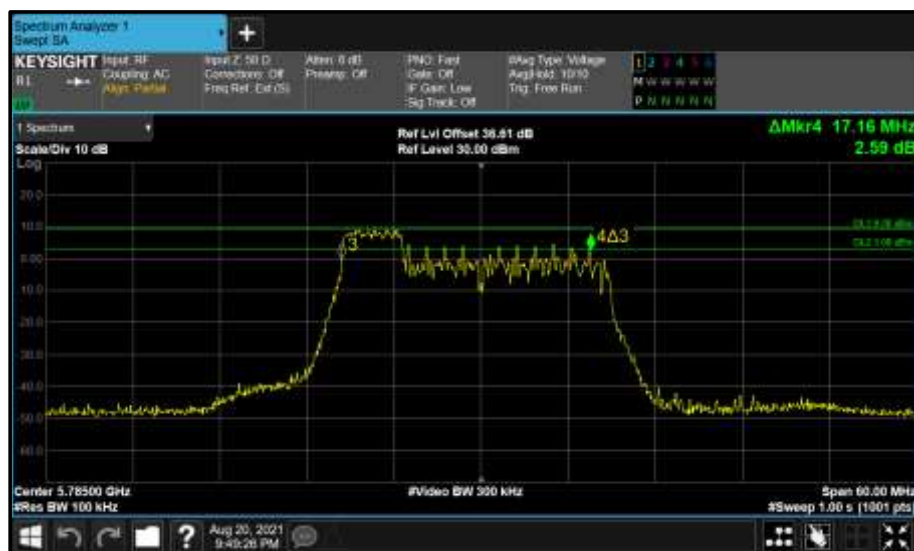


Figure 804 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth

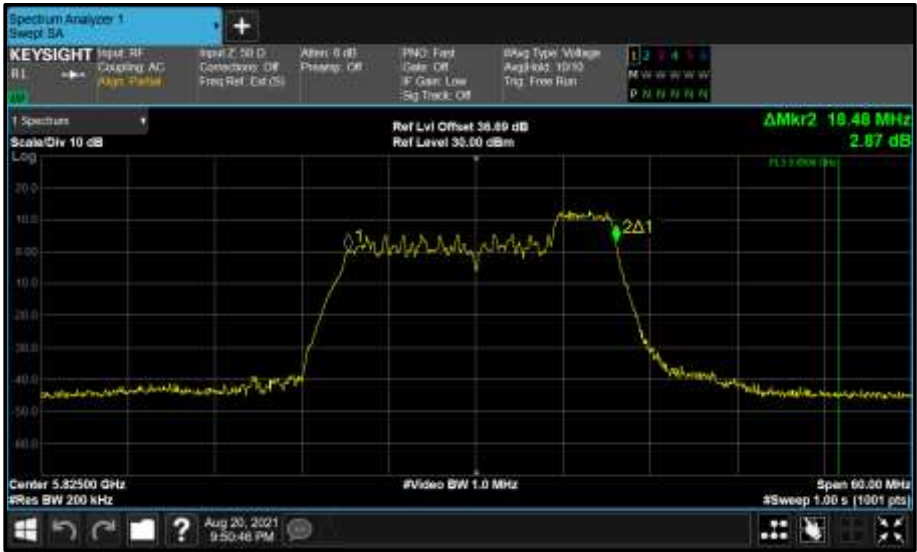


Figure 805 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth

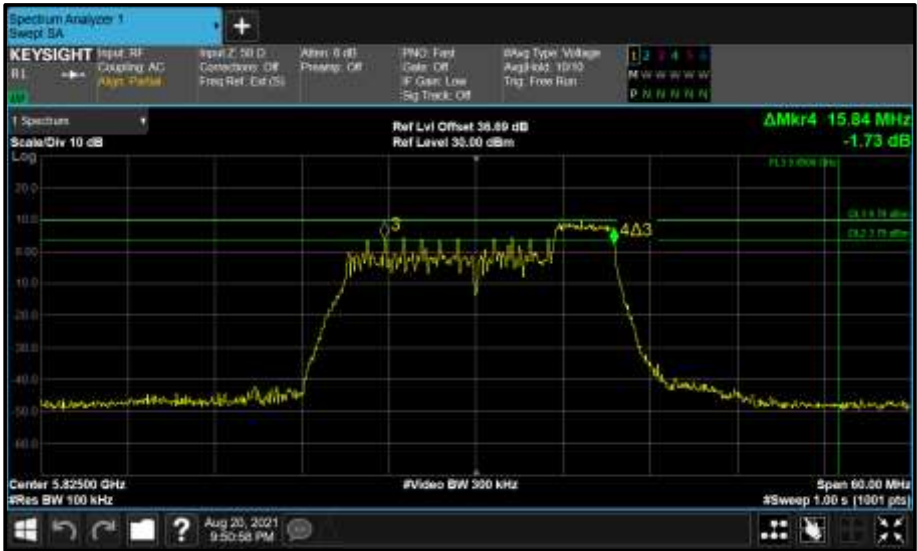


Figure 806 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth



Figure 807 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

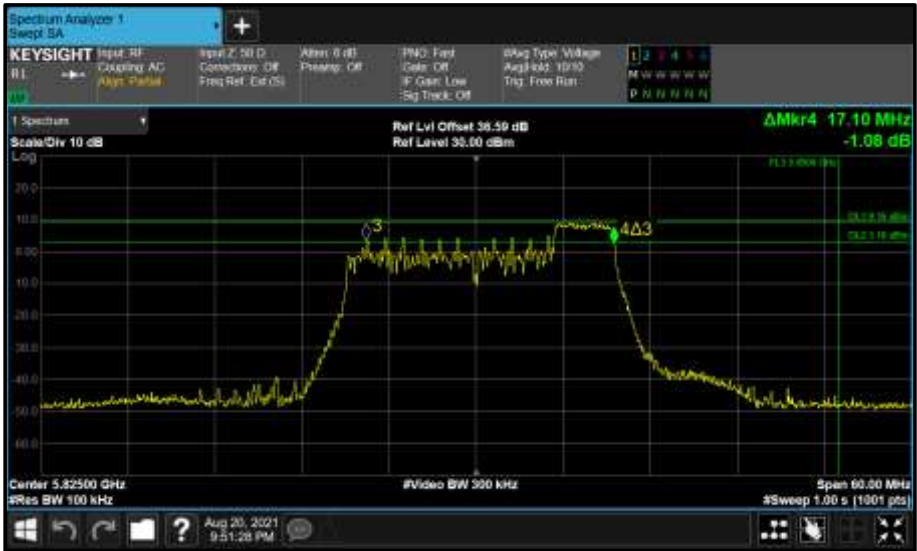


Figure 808 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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 RU106	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU106.54)	4.660	-	-	-	4.660	≥500.0

Table 664 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU106.54)	4.660	-	-	-	4.660	-

Table 665 - 99% Bandwidth Results



Figure 809 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth



Figure 810 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth



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 RU106	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU106.53)	-	17.220	-	-	17.220	≥500.0
5785 (RU106.53)	-	17.220	-	-	17.220	≥500.0
5825 (RU106.54)	-	17.220	-	-	17.220	≥500.0

Table 666 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5745 (RU106.53)	-	18.180	-	-	18.180	-
5785 (RU106.53)	-	18.240	-	-	18.240	-
5825 (RU106.54)	-	18.540	-	-	18.540	-

Table 667 - 99% Bandwidth Results



Figure 811 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 812 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 813 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth



Figure 814 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth



Figure 815 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

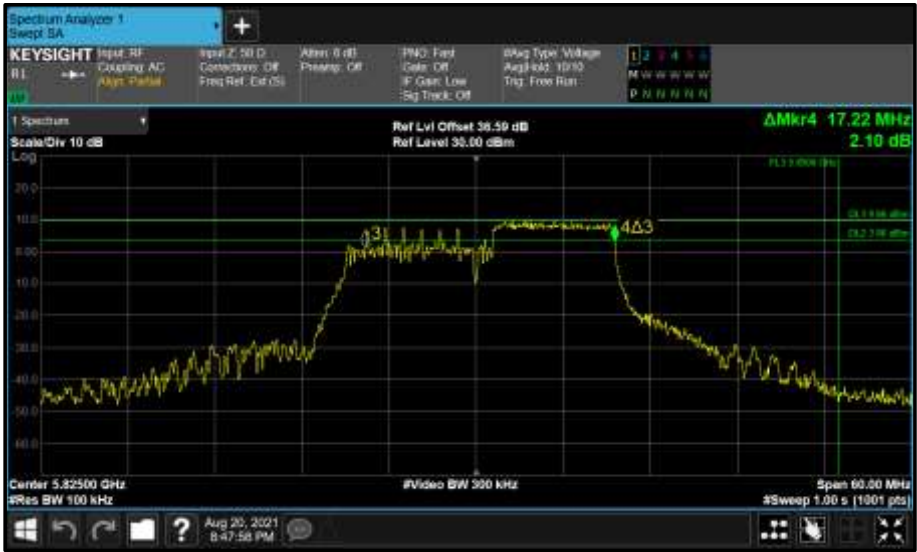


Figure 816 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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 RU106	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU106.54)	4.600	4.600	-	-	4.600	≥500.0
5745 (RU106.53)	17.220	17.220	-	-	17.220	≥500.0
5785 (RU106.53)	17.220	17.220	-	-	17.220	≥500.0
5825 (RU106.54)	17.220	17.220	-	-	17.220	≥500.0

Table 668 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU106.54)	4.660	4.660	-	-	4.660	-
5745 (RU106.53)	18.180	18.180	-	-	18.180	-
5785 (RU106.53)	18.180	18.180	-	-	18.180	-
5825 (RU106.54)	18.480	18.240	-	-	18.240	-

Table 669 - 99% Bandwidth Results

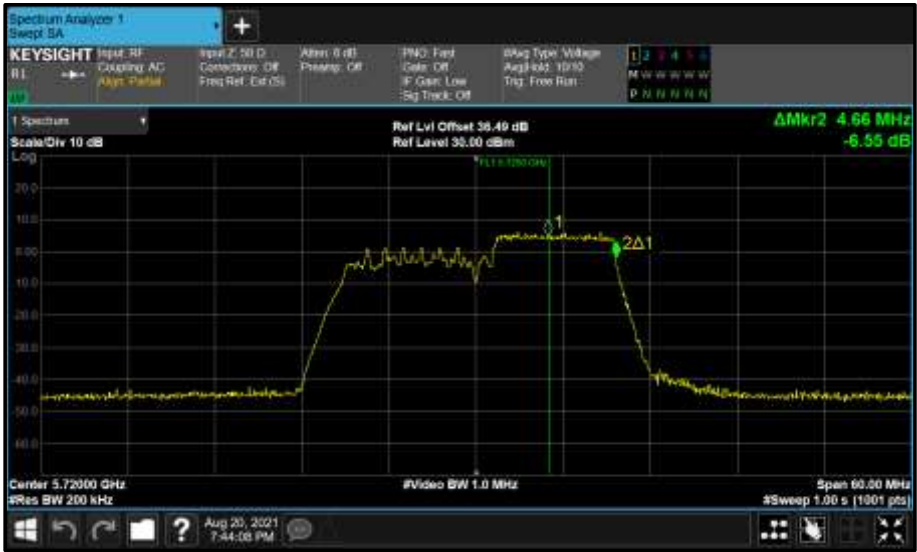


Figure 817 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth



Figure 818 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth



Figure 819 - Core 1 (B) 5720 MHz (CH144) 99% Bandwidth



Figure 820 - Core 1 (B) 5720 MHz (CH144) 6 dB Bandwidth



Figure 821 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth



Figure 822 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth



Figure 823 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 824 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 825 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth

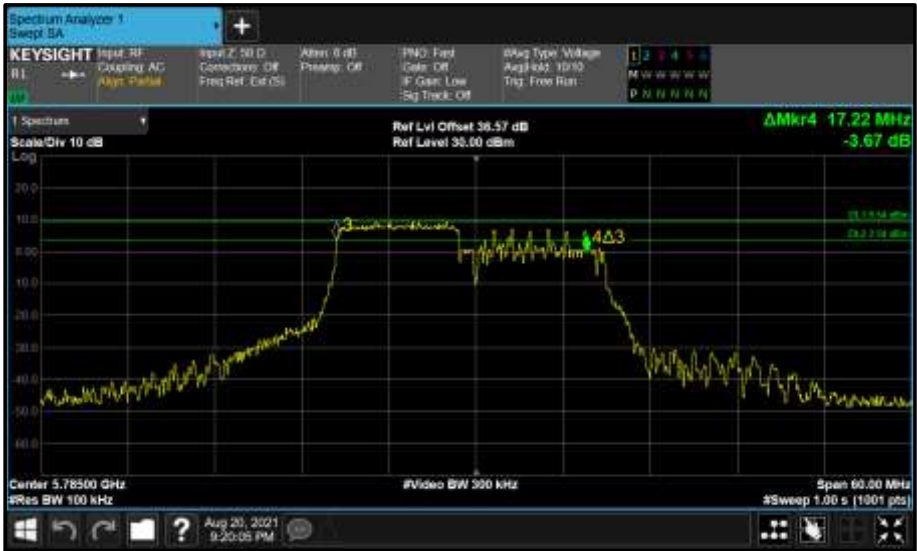


Figure 826 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 827 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth



Figure 828 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth



Figure 829 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth



Figure 830 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth



Figure 831 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth



Figure 832 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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 RU106	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU106.54)	4.600	4.600	-	-	4.600	≥500.0
5745 (RU106.53)	17.220	17.220	-	-	17.220	≥500.0
5785 (RU106.53)	17.220	17.220	-	-	17.220	≥500.0
5825 (RU106.54)	17.220	17.220	-	-	17.220	≥500.0

Table 670 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720 (RU106.54)	4.660	4.660	-	-	4.660	-
5745 (RU106.53)	18.240	18.180	-	-	18.180	-
5785 (RU106.53)	18.180	18.180	-	-	18.180	-
5825 (RU106.54)	18.480	18.180	-	-	18.180	-

Table 671 - 99% Bandwidth Results

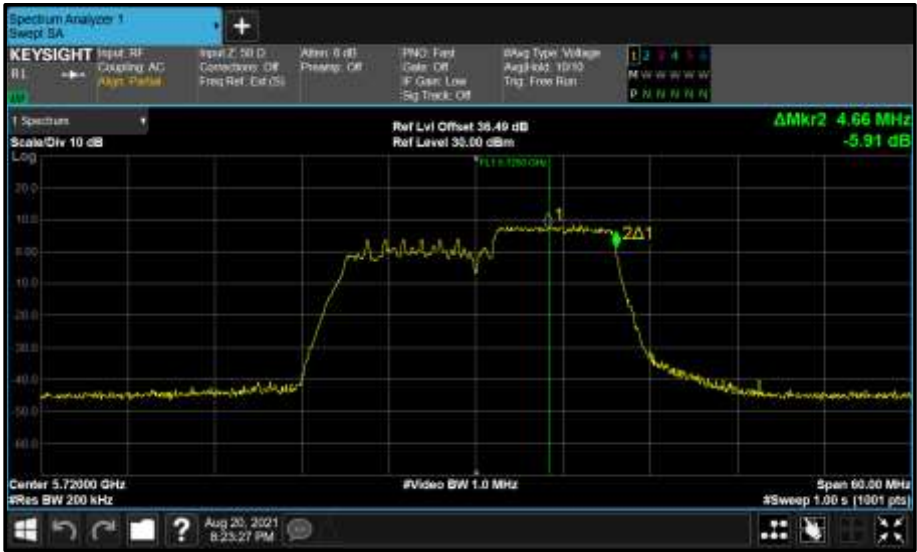


Figure 833 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth

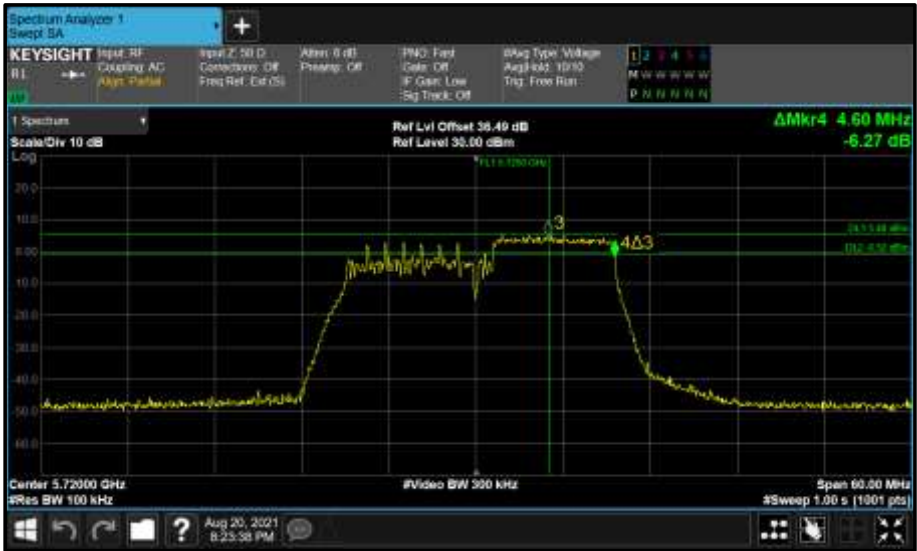


Figure 834 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth



Figure 835 - Core 1 (B) 5720 MHz (CH144) 99% Bandwidth

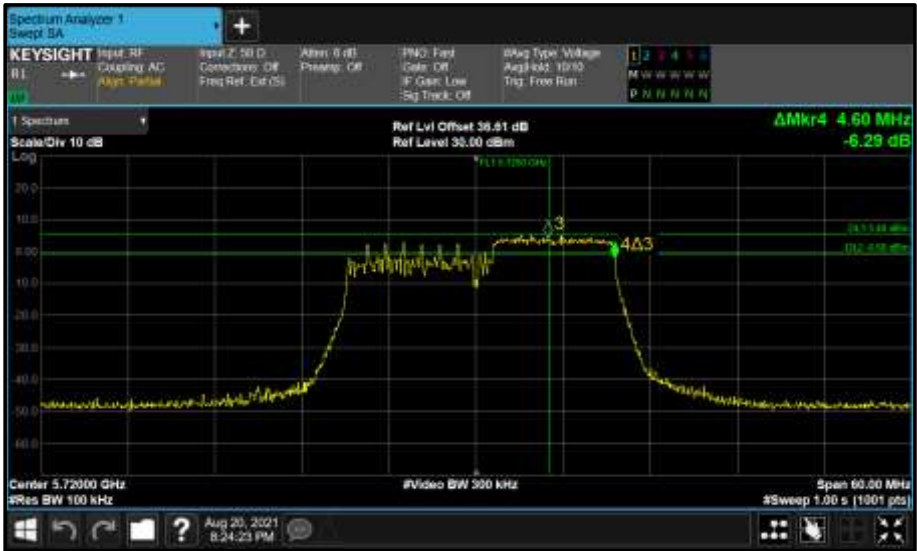


Figure 836 - Core 1 (B) 5720 MHz (CH144) 6 dB Bandwidth



Figure 837 - Core 0 (A) 5745 MHz (CH149) 99% Bandwidth



Figure 838 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth



Figure 839 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth



Figure 840 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 841 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth



Figure 842 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 843 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth



Figure 844 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth



Figure 845 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth



Figure 846 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth



Figure 847 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth

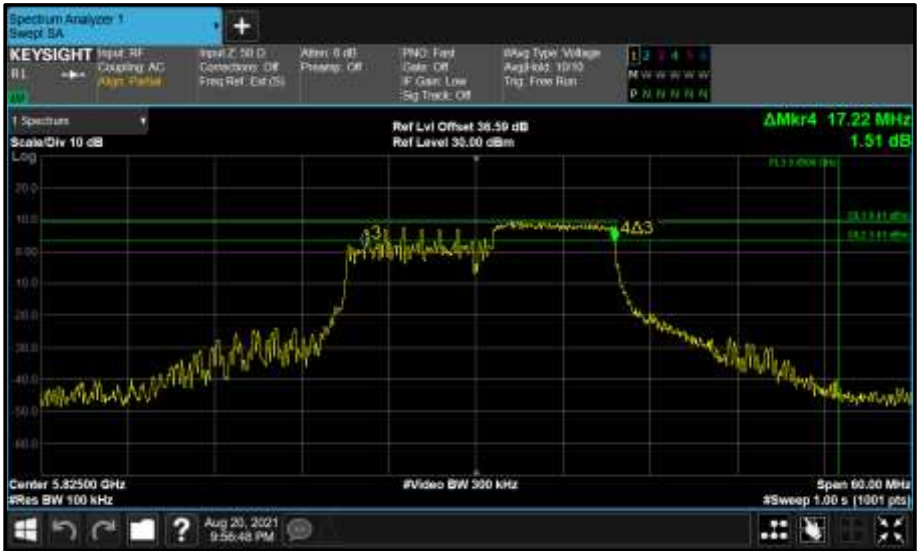


Figure 848 - Core 1 (B) 5825 MHz (CH165) 6 dB Bandwidth



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):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	4.200	-	-	-	4.200	≥500.0

Table 672 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	5.160	-	-	-	5.160	-

Table 673 - 99% Bandwidth Results



Figure 849 - Core 0 (A) 5710 MHz (CH142) 99% Bandwidth



Figure 850 - Core 0 (A) 5710 MHz (CH142) 6 dB Bandwidth



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 1)	Active Chain(s):	1

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

Table 674 - 6 dB Bandwidth Results

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

Table 675 - 99% Bandwidth Results



Figure 851 - Core 1 (B) 5755 MHz (CH151) 99% Bandwidth



Figure 852 - Core 1 (B) 5755 MHz (CH151) 6 dB Bandwidth



Figure 853 - Core 1 (B) 5795 MHz (CH159) 99% Bandwidth

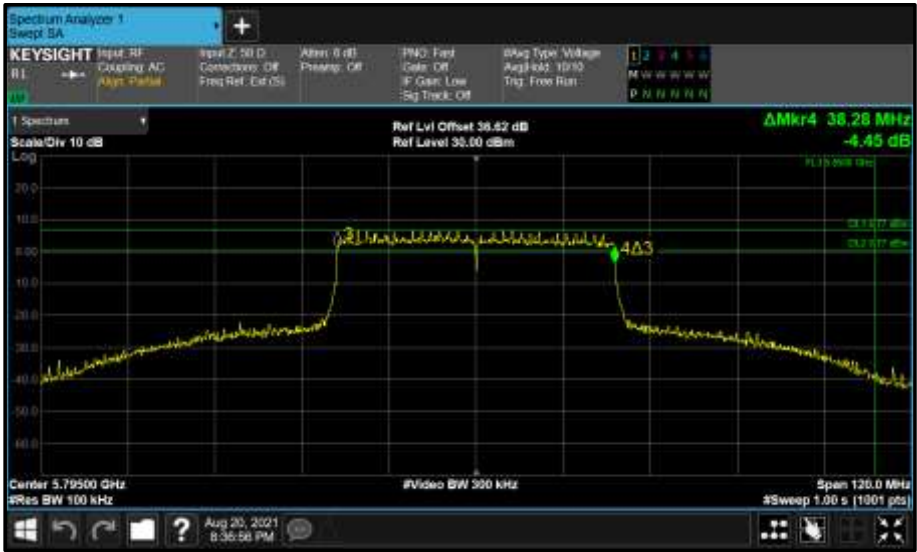


Figure 854 - Core 1 (B) 5795 MHz (CH159) 6 dB Bandwidth



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	DCCC (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	4.080	4.080	-	-	4.080	≥500.0
5755	38.280	38.160	-	-	38.160	≥500.0
5795	38.400	38.160	-	-	38.160	≥500.0

Table 676 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	4.680	4.560	-	-	4.560	-
5755	38.040	38.160	-	-	38.040	-
5795	38.160	38.160	-	-	38.160	-

Table 677 - 99% Bandwidth Results



Figure 855 - Core 0 (A) 5710 MHz (CH142) 99% Bandwidth



Figure 856 - Core 0 (A) 5710 MHz (CH142) 6 dB Bandwidth



Figure 857 - Core 1 (B) 5710 MHz (CH142) 99% Bandwidth



Figure 858 - Core 1 (B) 5710 MHz (CH142) 6 dB Bandwidth



Figure 859 - Core 0 (A) 5755 MHz (CH151) 99% Bandwidth

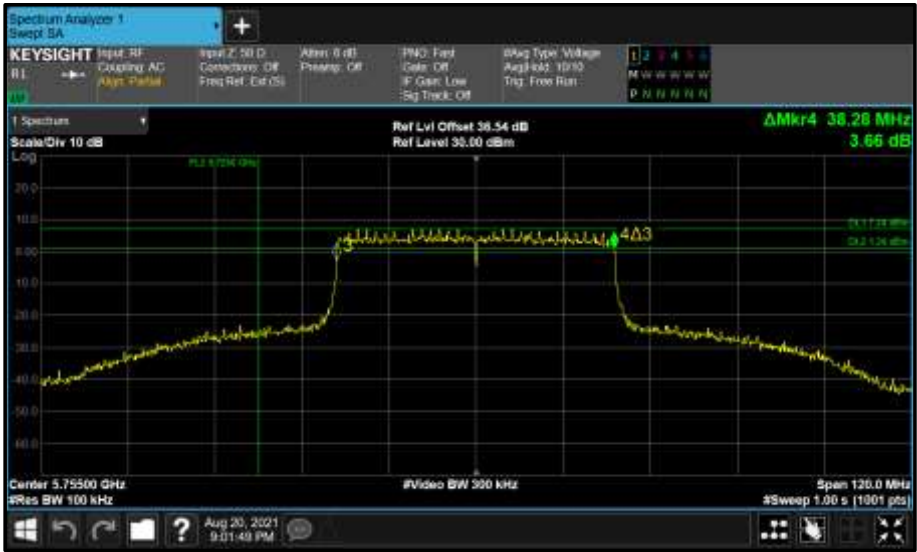


Figure 860 - Core 0 (A) 5755 MHz (CH151) 6 dB Bandwidth



Figure 861 - Core 1 (B) 5755 MHz (CH151) 99% Bandwidth

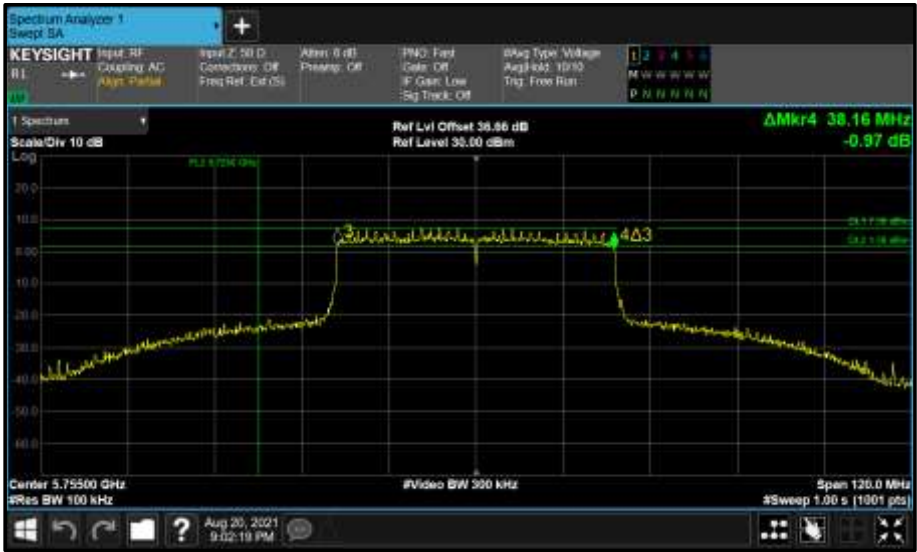


Figure 862 - Core 1 (B) 5755 MHz (CH151) 6 dB Bandwidth



Figure 863 - Core 0 (A) 5795 MHz (CH159) 99% Bandwidth





Figure 866 - Core 1 (B) 5795 MHz (CH159) 6 dB Bandwidth



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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	4.080	4.200	-	-	4.080	≥500.0
5755	38.280	38.160	-	-	38.160	≥500.0
5795	38.160	38.160	-	-	38.160	≥500.0

Table 678 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	4.560	4.560	-	-	4.560	-
5755	38.160	38.280	-	-	38.160	-
5795	38.160	38.280	-	-	38.160	-

Table 679 - 99% Bandwidth Results



Figure 867 - Core 0 (A) 5710 MHz (CH142) 99% Bandwidth



Figure 868 - Core 0 (A) 5710 MHz (CH142) 6 dB Bandwidth



Figure 869 - Core 1 (B) 5710 MHz (CH142) 99% Bandwidth



Figure 870 - Core 1 (B) 5710 MHz (CH142) 6 dB Bandwidth



Figure 871 - Core 0 (A) 5755 MHz (CH151) 99% Bandwidth

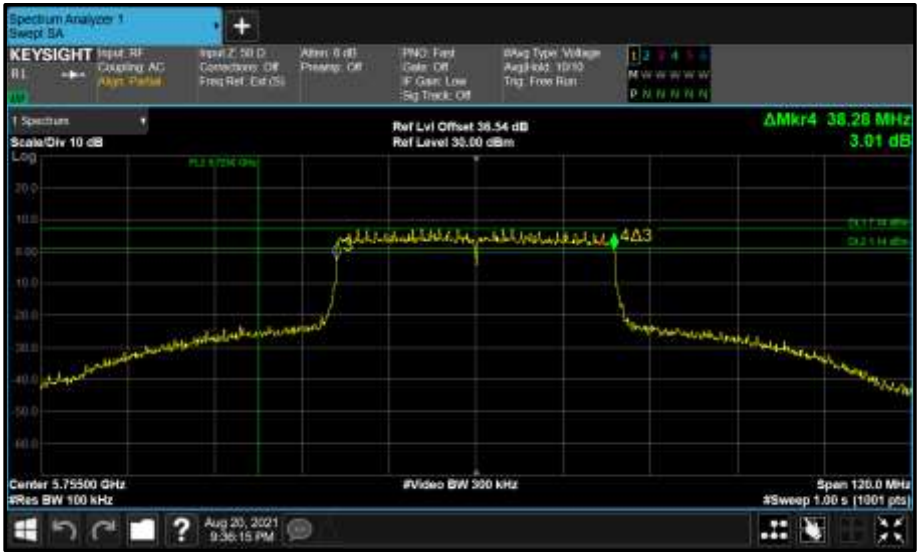


Figure 872 - Core 0 (A) 5755 MHz (CH151) 6 dB Bandwidth



Figure 873 - Core 1 (B) 5755 MHz (CH151) 99% Bandwidth

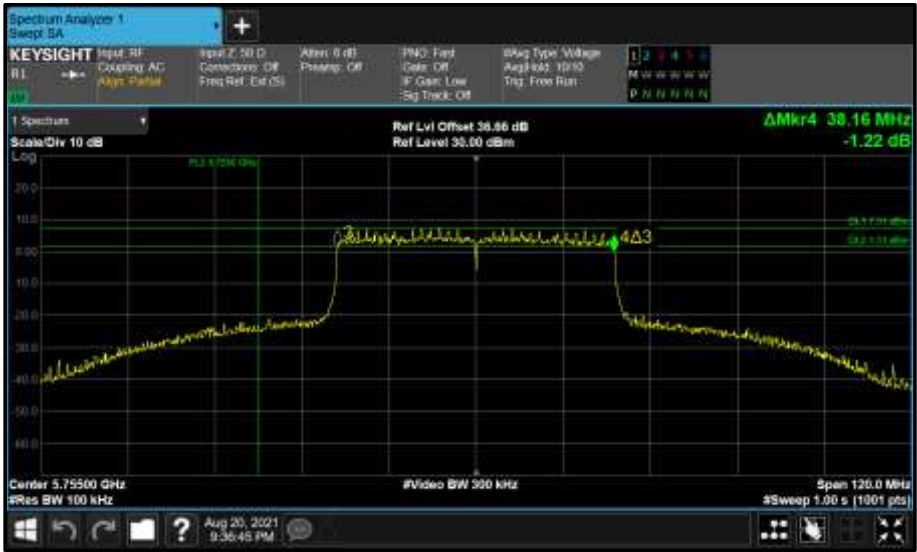


Figure 874 - Core 1 (B) 5755 MHz (CH151) 6 dB Bandwidth



Figure 875 - Core 0 (A) 5795 MHz (CH159) 99% Bandwidth

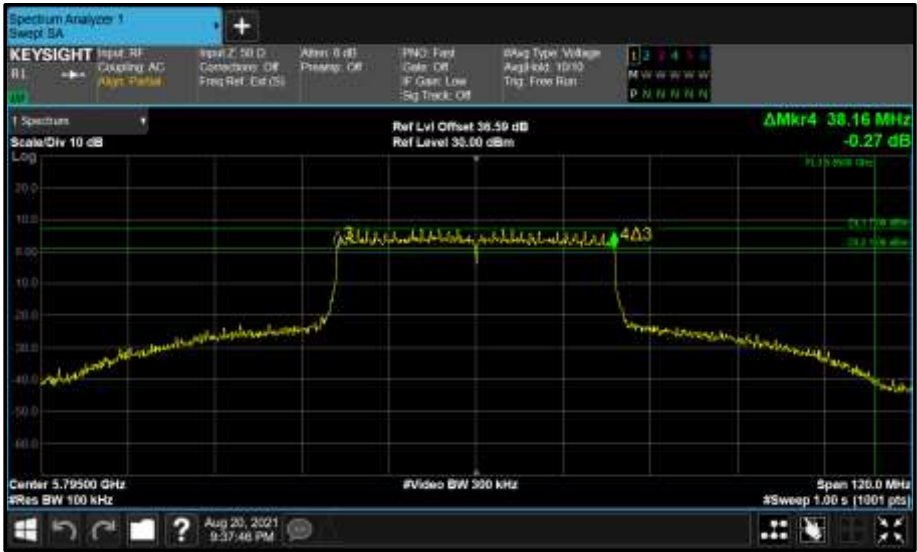


Figure 876 - Core 0 (A) 5795 MHz (CH159) 6 dB Bandwidth



Figure 877 - Core 1 (B) 5795 MHz (CH159) 99% Bandwidth



Figure 878 - Core 1 (B) 5795 MHz (CH159) 6 dB Bandwidth



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):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	3.940	-	-	-	3.940	≥500.0

Table 680 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	21.760	-	-	-	21.760	-

Table 681 - 99% Bandwidth Results



Figure 879 - Core 0 (A) 5690 MHz (CH138) 99% Bandwidth



Figure 880 - Core 0 (A) 5690 MHz (CH138) 6 dB Bandwidth



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 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5775	-	78.100	-	-	78.100	≥500.0

Table 682 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5775	-	77.440	-	-	77.440	-

Table 683 - 99% Bandwidth Results



Figure 881 - Core 1 (B) 5775 MHz (CH155) 99% Bandwidth



Figure 882 - Core 1 (B) 5775 MHz (CH155) 6 dB Bandwidth



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:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	3.940	3.720	-	-	3.720	≥500.0
5775	78.100	77.440	-	-	77.440	≥500.0

Table 684 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	4.820	4.820	-	-	4.820	-
5775	77.220	77.440	-	-	77.220	-

Table 685 - 99% Bandwidth Results



Figure 883 - Core 0 (A) 5690 MHz (CH138) 99% Bandwidth

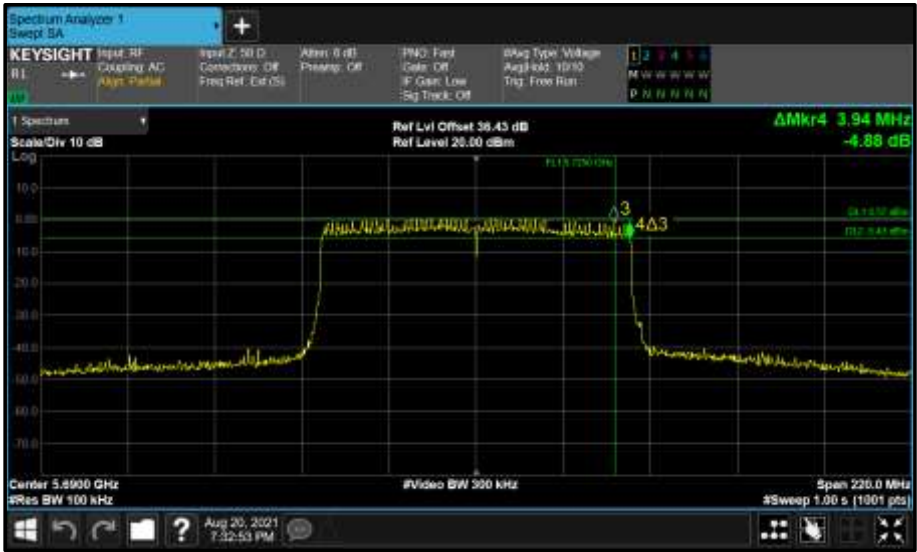


Figure 884 - Core 0 (A) 5690 MHz (CH138) 6 dB Bandwidth



Figure 885 - Core 1 (B) 5690 MHz (CH138) 99% Bandwidth





Figure 888 - Core 0 (A) 5775 MHz (CH155) 6 dB Bandwidth



Figure 889 - Core 1 (B) 5775 MHz (CH155) 99% Bandwidth



Figure 890 - Core 1 (B) 5775 MHz (CH155) 6 dB Bandwidth



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:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	3.940	3.060	-	-	3.060	≥500.0
5775	77.880	77.660	-	-	77.660	≥500.0

Table 686 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	5.920	7.240	-	-	5.920	-
5775	77.220	77.440	-	-	77.220	-

Table 687 - 99% Bandwidth Results



Figure 891 - Core 0 (A) 5690 MHz (CH138) 99% Bandwidth



Figure 892 - Core 0 (A) 5690 MHz (CH138) 6 dB Bandwidth



Figure 893 - Core 1 (B) 5690 MHz (CH138) 99% Bandwidth

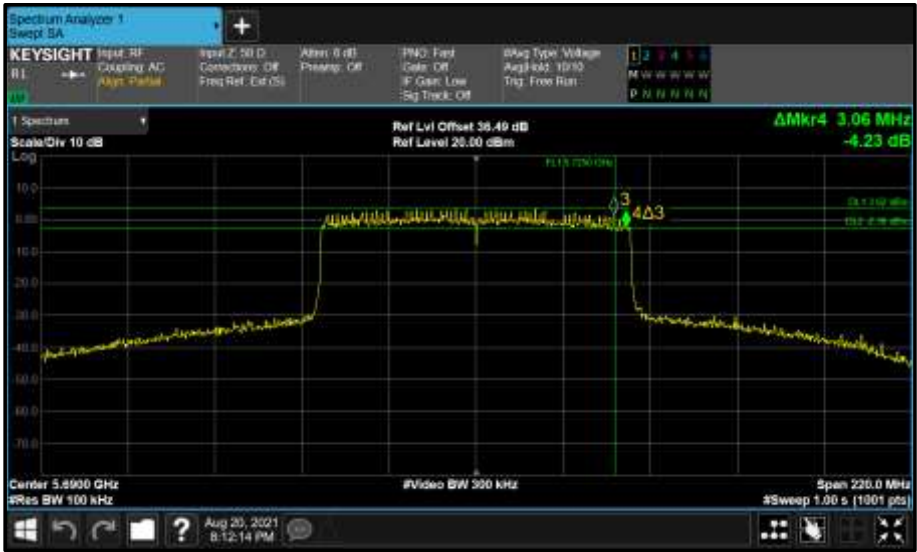


Figure 894 - Core 1 (B) 5690 MHz (CH138) 6 dB Bandwidth



Figure 895 - Core 0 (A) 5775 MHz (CH155) 99% Bandwidth

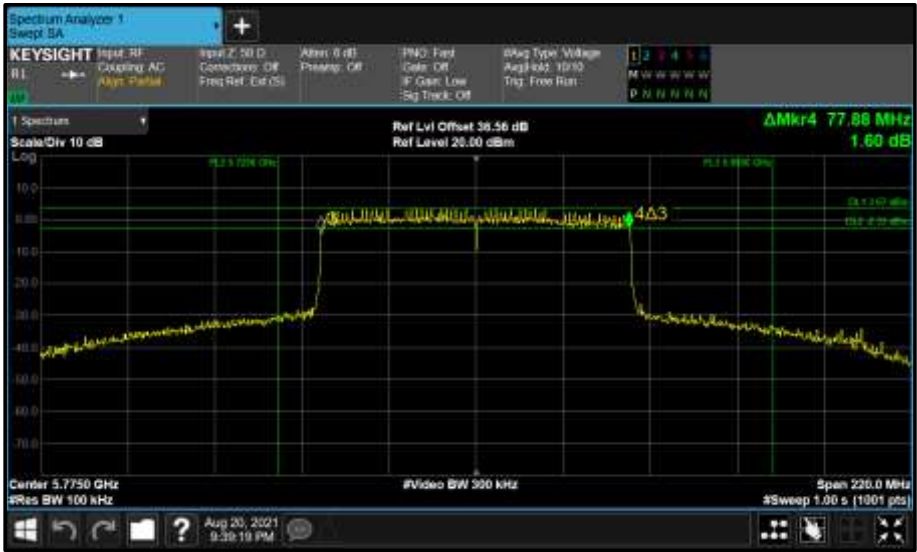


Figure 896 - Core 0 (A) 5775 MHz (CH155) 6 dB Bandwidth



Figure 897 - Core 1 (B) 5775 MHz (CH155) 99% Bandwidth



Figure 898 - Core 1 (B) 5775 MHz (CH155) 6 dB Bandwidth



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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720	3.820	3.820	-	-	3.820	≥500.0
5745	17.640	17.640	-	-	17.640	≥500.0
5785	17.400	16.980	-	-	16.980	≥500.0
5825	17.400	17.280	-	-	17.280	≥500.0

Table 688 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5720	4.360	4.300	-	-	4.300	-
5745	17.760	17.760	-	-	17.760	-
5785	17.760	17.760	-	-	17.760	-
5825	17.760	17.760	-	-	17.760	-

Table 689 - 99% Bandwidth Results



Figure 899 - Core 0 (A) 5720 MHz (CH144) 99% Bandwidth



Figure 900 - Core 0 (A) 5720 MHz (CH144) 6 dB Bandwidth



Figure 901 - Core 1 (B) 5720 MHz (CH144) 99% Bandwidth



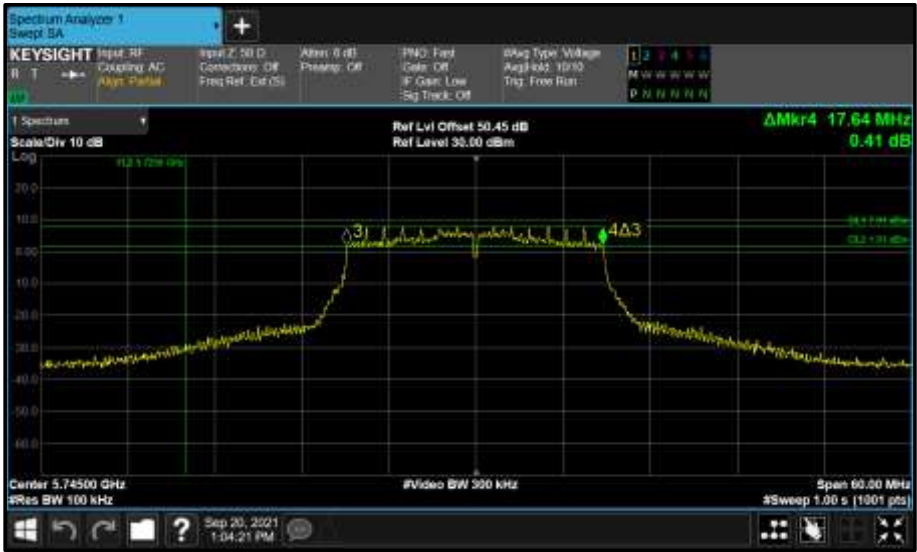


Figure 904 - Core 0 (A) 5745 MHz (CH149) 6 dB Bandwidth

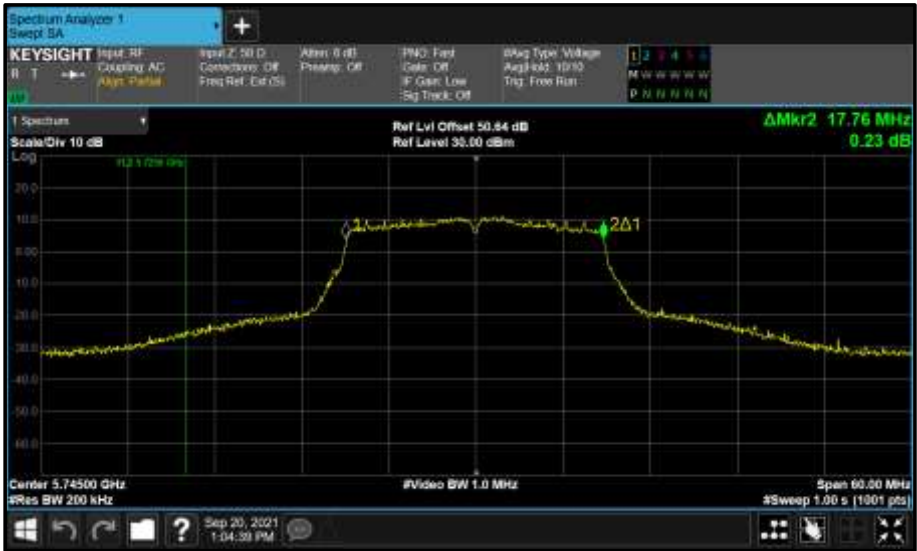


Figure 905 - Core 1 (B) 5745 MHz (CH149) 99% Bandwidth

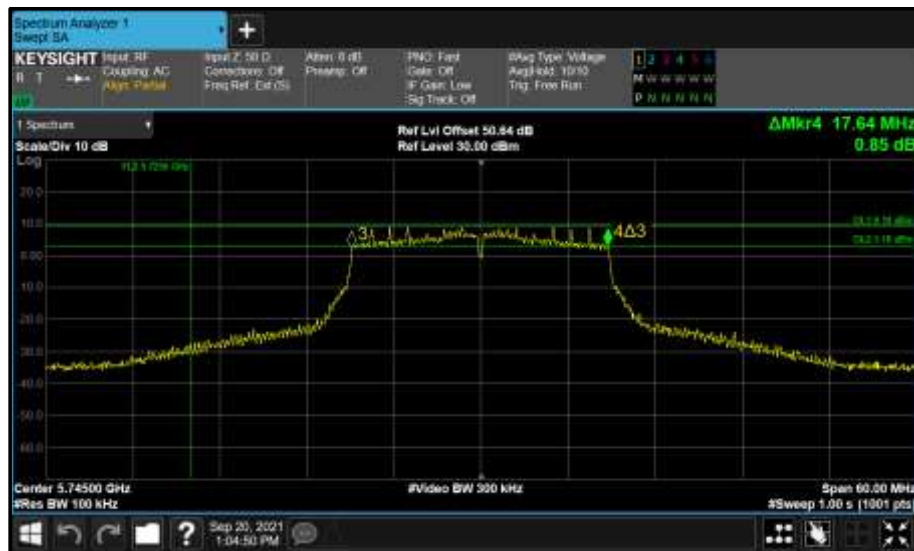


Figure 906 - Core 1 (B) 5745 MHz (CH149) 6 dB Bandwidth



Figure 907 - Core 0 (A) 5785 MHz (CH157) 99% Bandwidth

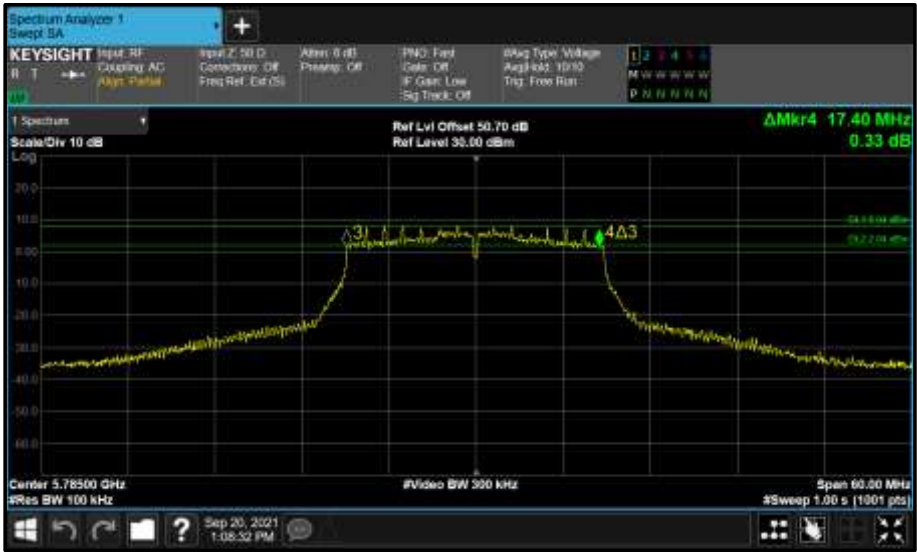


Figure 908 - Core 0 (A) 5785 MHz (CH157) 6 dB Bandwidth



Figure 909 - Core 1 (B) 5785 MHz (CH157) 99% Bandwidth

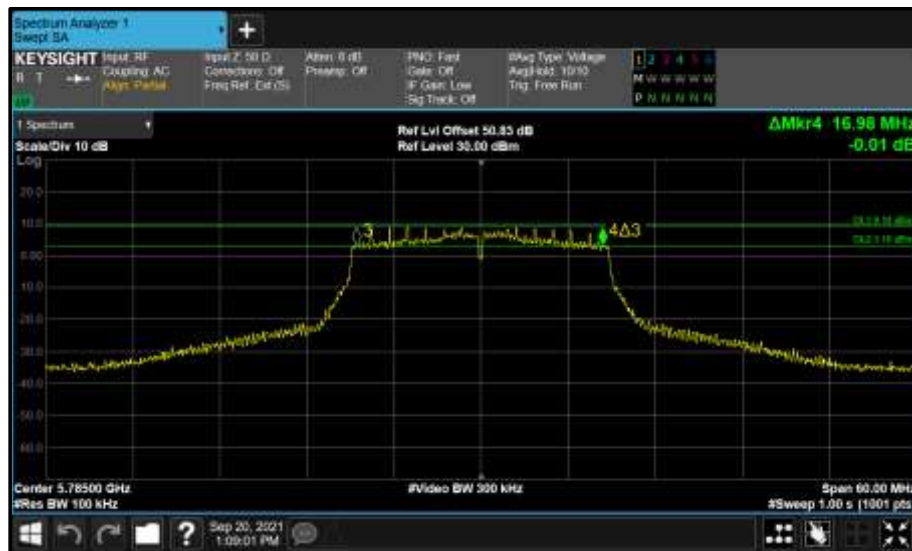


Figure 910 - Core 1 (B) 5785 MHz (CH157) 6 dB Bandwidth



Figure 911 - Core 0 (A) 5825 MHz (CH165) 99% Bandwidth



Figure 912 - Core 0 (A) 5825 MHz (CH165) 6 dB Bandwidth



Figure 913 - Core 1 (B) 5825 MHz (CH165) 99% Bandwidth





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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	3.240	3.240	-	-	3.240	≥500.0
5755	34.440	35.160	-	-	34.440	≥500.0
5795	35.640	34.680	-	-	34.680	≥500.0

Table 690 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5710	6.240	5.160	-	-	5.160	-
5755	36.480	36.480	-	-	36.480	-
5795	36.480	36.480	-	-	36.480	-

Table 691 - 99% Bandwidth Results



Figure 915 - Core 0 (A) 5710 MHz (CH142) 99% Bandwidth



Figure 916 - Core 0 (A) 5710 MHz (CH142) 6 dB Bandwidth



Figure 917 - Core 1 (B) 5710 MHz (CH142) 99% Bandwidth

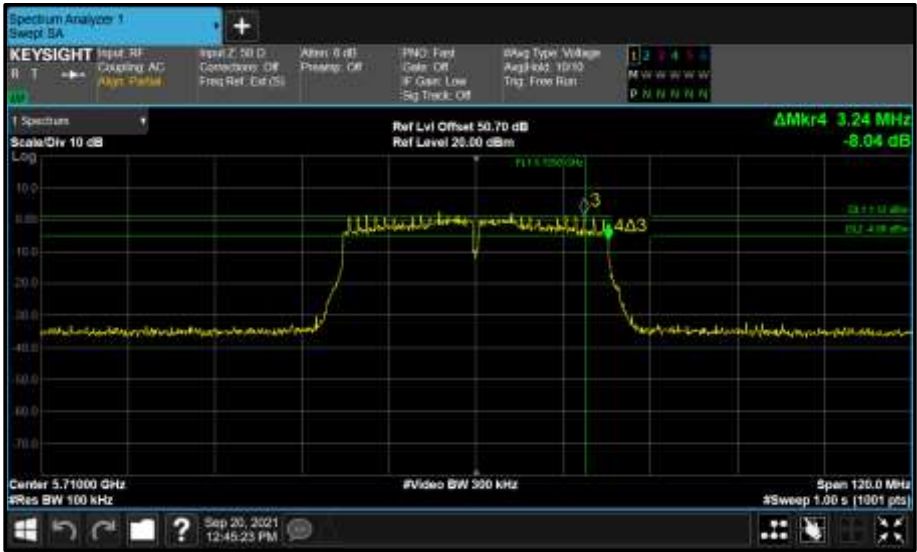


Figure 918 - Core 1 (B) 5710 MHz (CH142) 6 dB Bandwidth



Figure 919 - Core 0 (A) 5755 MHz (CH151) 99% Bandwidth

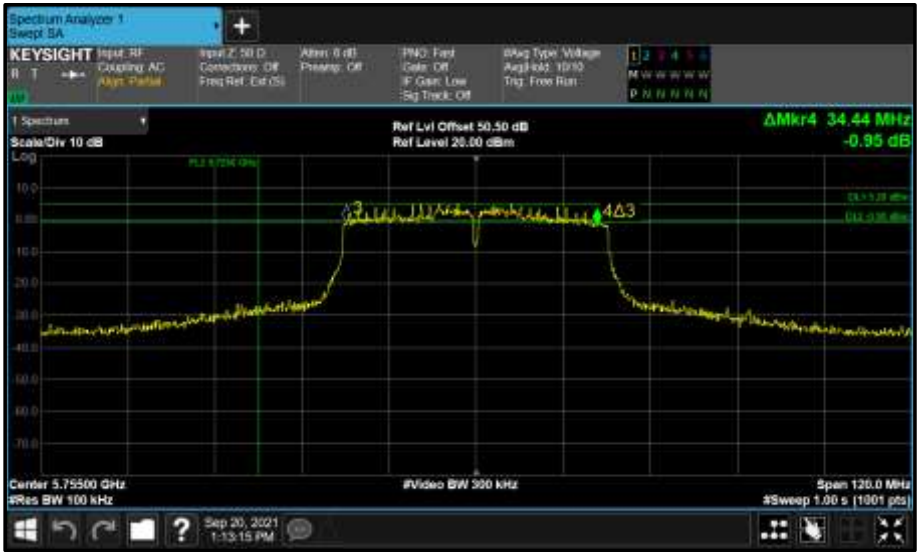


Figure 920 - Core 0 (A) 5755 MHz (CH151) 6 dB Bandwidth



Figure 921 - Core 1 (B) 5755 MHz (CH151) 99% Bandwidth

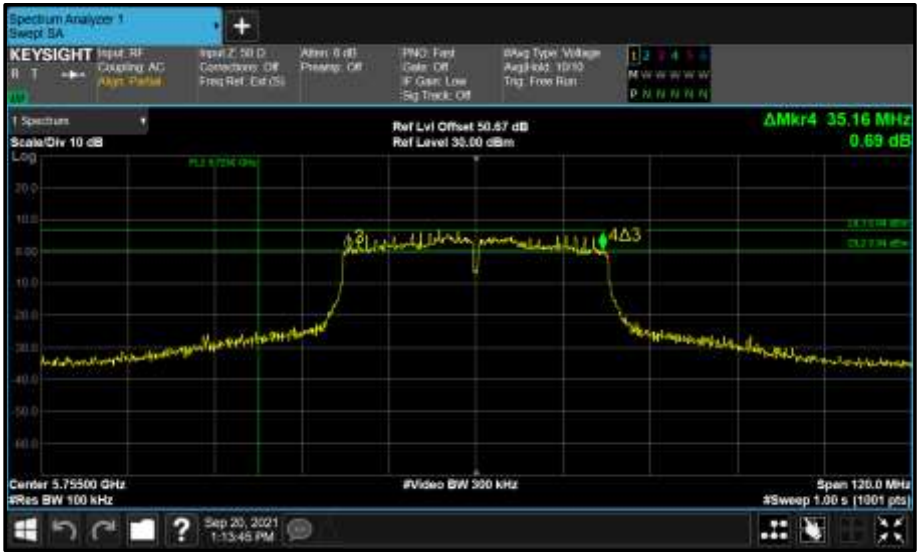


Figure 922 - Core 1 (B) 5755 MHz (CH151) 6 dB Bandwidth



Figure 923 - Core 0 (A) 5795 MHz (CH159) 99% Bandwidth



Figure 924 - Core 0 (A) 5795 MHz (CH159) 6 dB Bandwidth



Figure 925 - Core 1 (B) 5795 MHz (CH159) 99% Bandwidth

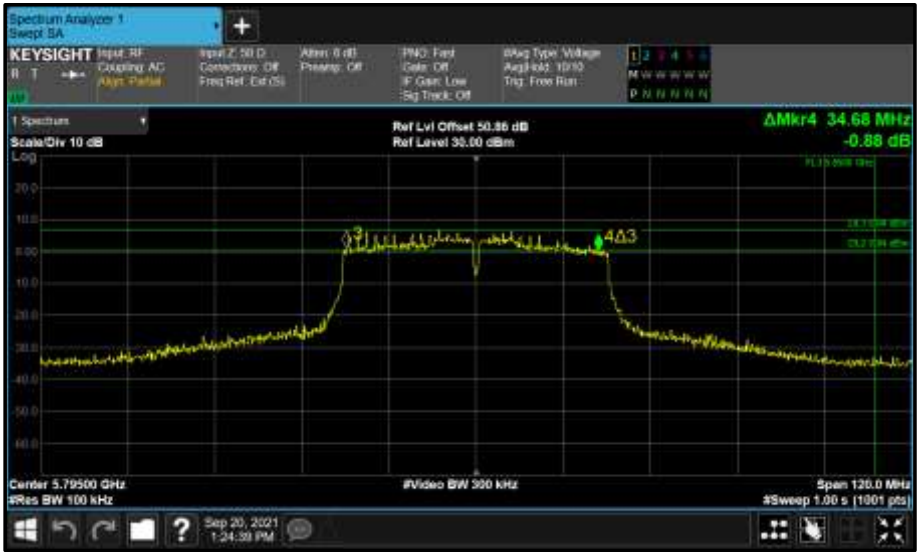


Figure 926 - Core 1 (B) 5795 MHz (CH159) 6 dB Bandwidth



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:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	3.280	3.280	-	-	3.280	≥500.0
5775	75.460	75.680	-	-	75.460	≥500.0

Table 692 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
5690	56.080	52.340	-	-	52.340	-
5775	75.680	75.680	-	-	75.680	-

Table 693 - 99% Bandwidth Results



Figure 927 - Core 0 (A) 5690 MHz (CH138) 99% Bandwidth



Figure 928 - Core 0 (A) 5690 MHz (CH138) 6 dB Bandwidth



Figure 929 - Core 1 (B) 5690 MHz (CH138) 99% Bandwidth



Figure 930 - Core 1 (B) 5690 MHz (CH138) 6 dB Bandwidth



Figure 931 - Core 0 (A) 5775 MHz (CH155) 99% Bandwidth



Figure 932 - Core 0 (A) 5775 MHz (CH155) 6 dB Bandwidth



Figure 933 - Core 1 (B) 5775 MHz (CH155) 99% Bandwidth



Figure 934 - Core 1 (B) 5775 MHz (CH155) 6 dB Bandwidth

FCC Part 15E, Limit Clause 15.407

5150 MHz to 5250 MHz: None specified.
5250 MHz to 5350 MHz: None specified.
5470 MHz to 5725 MHz: None specified.
5725 MHz to 5850 MHz: > 500 kHz.

ISED RSS-247, Limit Clause 6.2.1.1, 6.2.2.1, 6.2.3.1 and 6.2.4.1

5150 MHz to 5250 MHz: None specified.
5250 MHz to 5350 MHz: None specified.
5470 MHz to 5725 MHz: None specified.
5725 MHz to 5850 MHz: The minimum 6 dB bandwidth shall be at least 500 kHz.

5725 MHz to 5850 MHz: The minimum 6 dB bandwidth shall be at least 500 kHz.



2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
Rubidium Standard	Rohde & Schwarz	XSRM	1316	6	03-Dec-2021
Multimeter	Iso-tech	IDM101	2421	12	30-Oct-2021
Hygrometer	Rotronic	I-1000	3220	12	16-Oct-2021
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	03-Dec-2021
Power splitter - 2 port	Mini-Circuits	ZN2PD-63-S+	4742	12	15-Jan-2022
Climatic Chamber	Aralab	FitoTerm 300E45	4823	12	12-Apr-2022
Cable (18 GHz)	Rosenberger	LU7-071-2000	5108	12	10-Dec-2021
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
Power Splitter, 2 way	Mini-Circuits	ZN2PD2-63-S+	5239	-	O/P Mon
Attenuator 5W 20dB DC-18GHz	Aaren	AT40A-4041-D18-20	5498	12	10-May-2022
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	04-Mar-2022
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	04-Mar-2022
Signal Commissioning Unit	TUV SUD	SCU001	5546	12	16-Apr-2022
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5576	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5580	-	O/P Mon
Attenuator 2W 10dB DC-10GHz	Telegartner	J01156A0031	5581	-	O/P Mon
2-Way Power Divider (2-8 GHz)	Aaren	AT30A-TE0208-2-AF	5687	12	18-Dec-2021
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022

Table 694

O/P Mon – Output Monitored using calibrated equipment



2.5 Authorised Band Edges

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-247, Clause 6.2

2.5.2 Equipment Under Test and Modification State

A2442, S/N: DNQHW6Y3WY - Modification State 0

2.5.3 Date of Test

22-June-2021 to 15-July-2021

2.5.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.6.

For U-NII-2C channels, the limit line on the following plots equated to -27 dBm/MHz. EIRP and was converted to field strength at 3 m using the following formula:

Field Strength (dBμV/m at 3 m) = EIRP (dBm) + 95.2 dB

Authorised band edge measurements were performed, with the device operating in SISO and MIMO configurations, across the various modes supported by the device.

The measurements displayed within this report, have been limited to those modes which have been shown to be worst case.

Further measurements are held on file by TÜV SÜD and are available if required.

2.5.5 Environmental Conditions

Ambient Temperature	19.5 - 23.6 °C
Relative Humidity	40.9 - 64.5 %



2.5.6 Test Results

5 GHz WLAN

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11a, Core 0	54 Mbps	-	-	5500	5470	62.84
802.11n, HT20 Core 0	MCS7	-	-	5500	5470	63.04
802.11ax HE20, Core 0	MCS11x1	SU	-	5500	5470	63.09
802.11ax HE20, Core 0	MCS11x1	52	37	5500	5470	62.40
802.11a, Core 0	54 Mbps	-	-	5700	5725	62.69
802.11n, HT20 Core 0	MCS4	-	-	5700	5725	63.17
802.11ax HE20, Core 0	MCS11x1	SU	-	5700	5725	62.21
802.11ax HE20, Core 0	MCS11x1	52	40	5700	5725	62.90
802.11a, Core 1	24 Mbps	-	-	5745	5725	59.74
802.11n HT20, Core 1	MCS4	-	-	5745	5725	59.02
802.11ax HE20, Core 1	MCS11x1	SU	-	5745	5725	59.74
802.11ax HE20, Core 1	MCS11x1	26	0	5745	5725	59.52
802.11a, Core 1	54 Mbps	-	-	5825	5850	59.21
802.11n HT20, Core 1	MCS7	-	-	5825	5850	59.81
802.11ax HE20, Core 1	MCS4x1	SU	-	5825	5850	59.98
802.11ax HE20, Core 1	MCS11x1	26	8	5825	5850	59.19

Table 695 - 20 MHz Bandwidth SISO Authorised Band Edge results

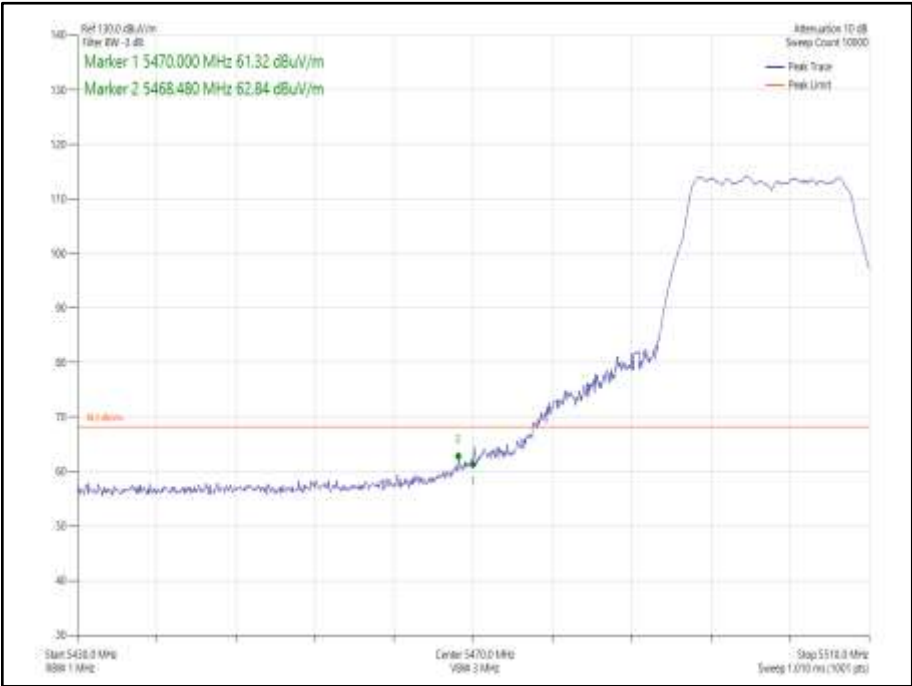


Figure 935 - 802.11a, Core 0 - 5500 MHz
Band Edge Frequency 5470 MHz

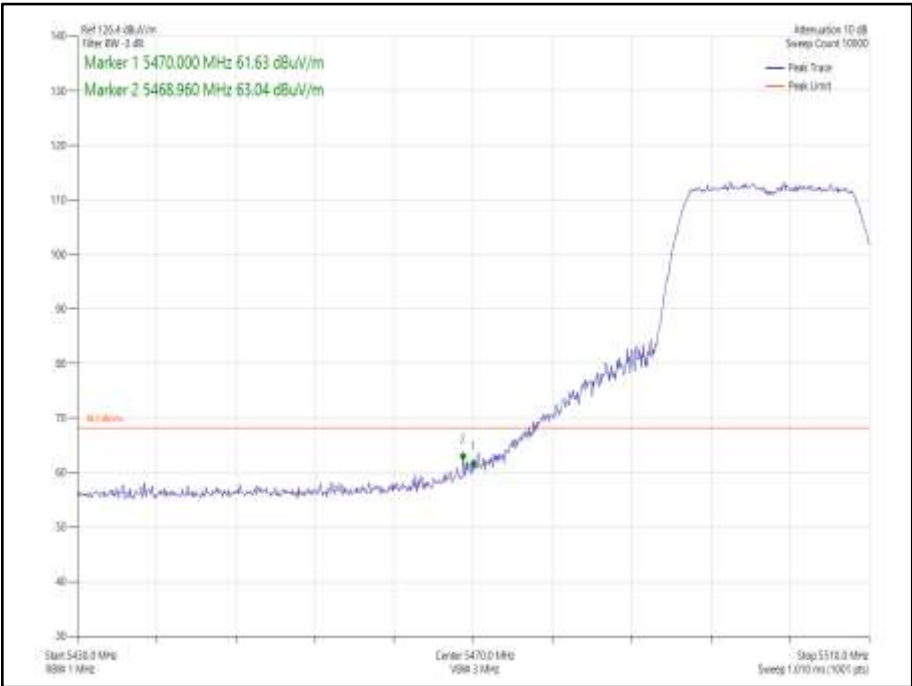


Figure 936 - 802.11n HT20, Core 0 - 5500 MHz
Band Edge Frequency 5470 MHz

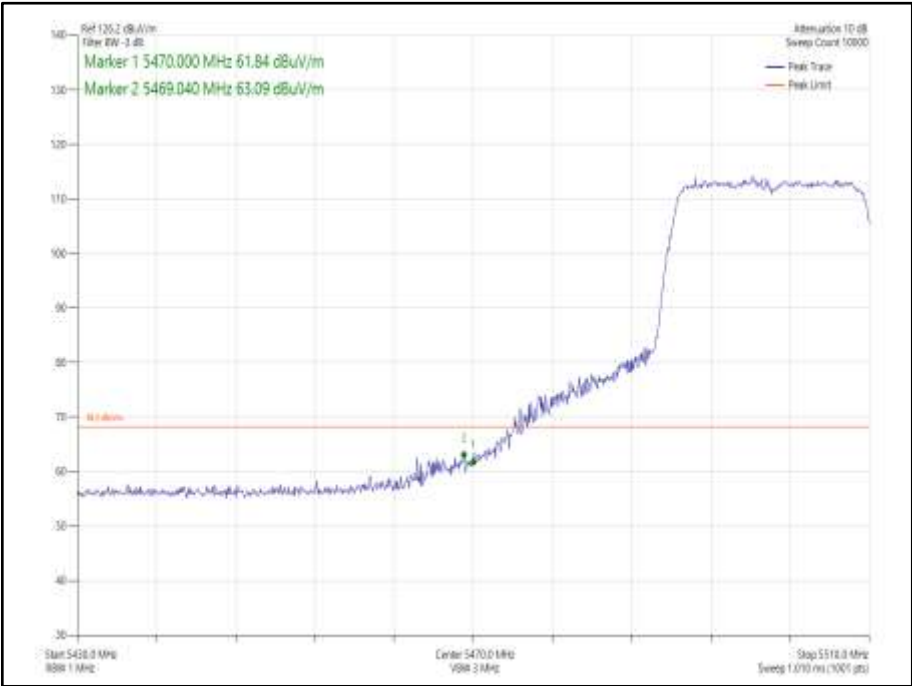


Figure 937- 802.11ax HE20, Core 0, SU - 5500 MHz
Band Edge Frequency 5470 MHz

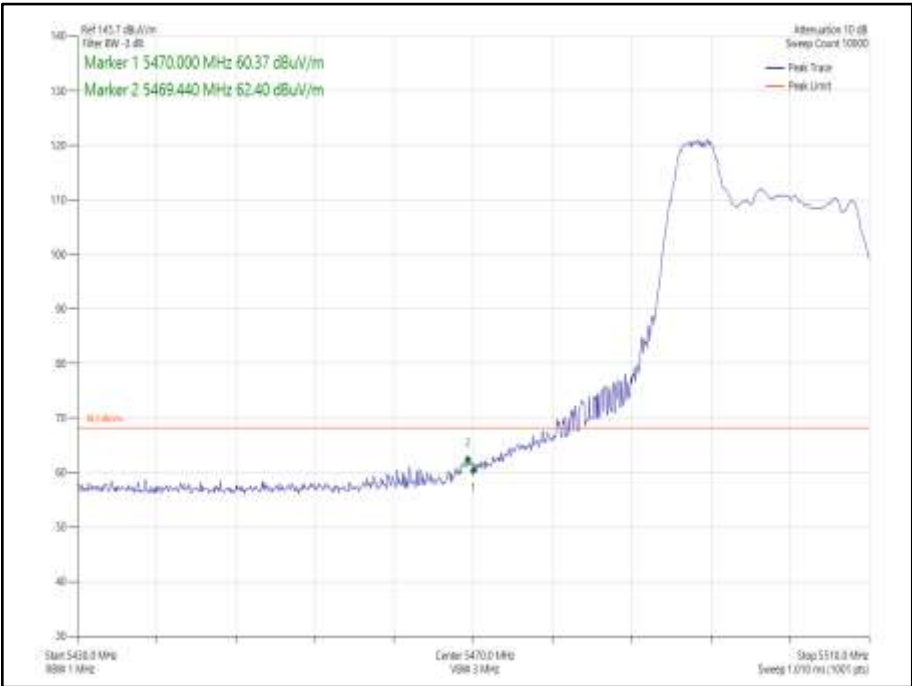


Figure 938- 802.11ax HE20, Core 0, 52-37 - 5500 MHz
Band Edge Frequency 5470 MHz

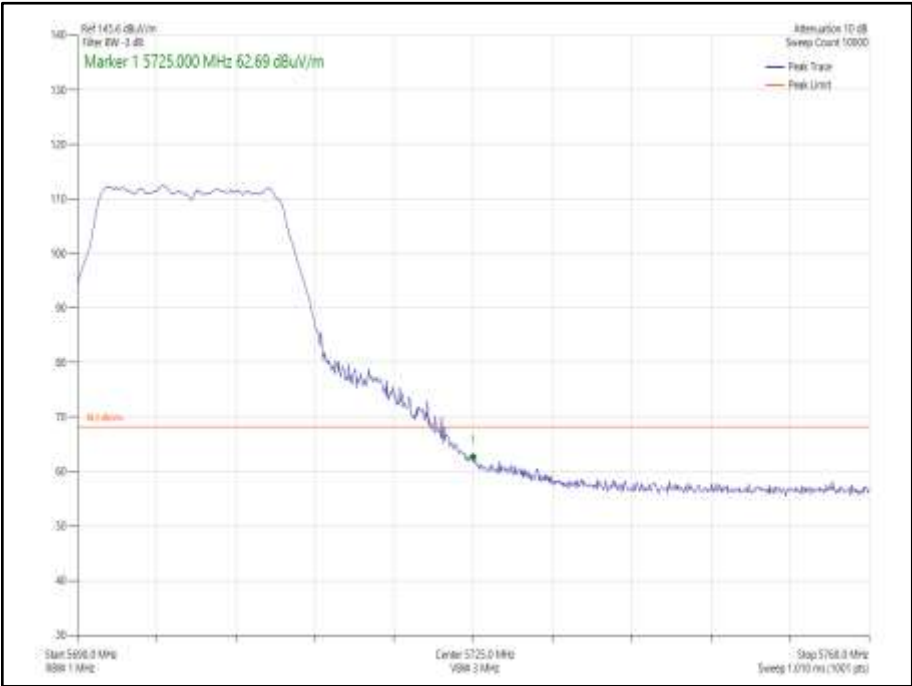


Figure 939 - 802.11a, Core 0 - 5700 MHz
Band Edge Frequency 5725 MHz

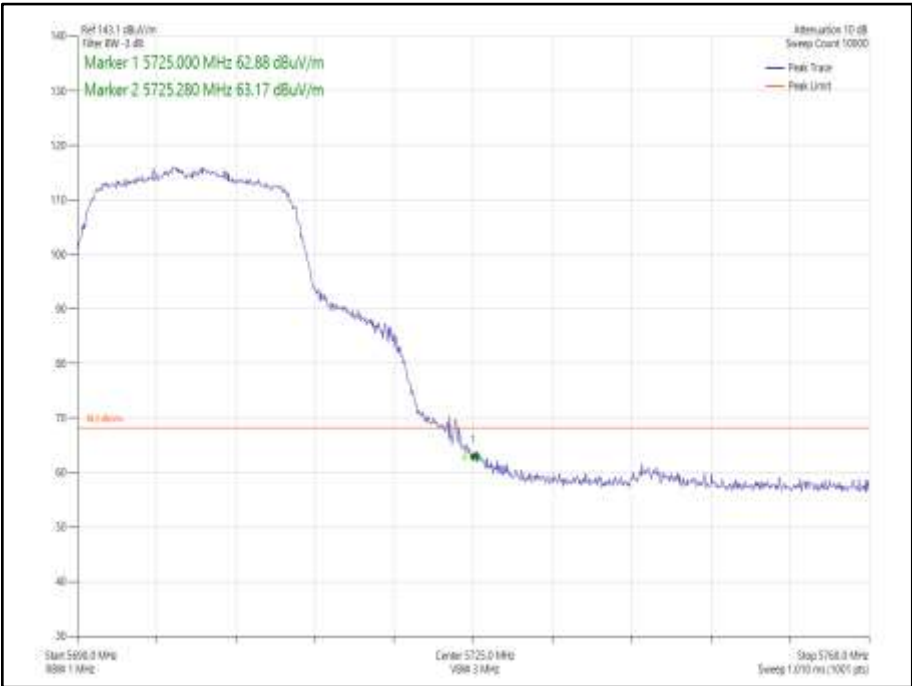


Figure 940 - 802.11n HT20, Core 0 - 5700 MHz
Band Edge Frequency 5725 MHz

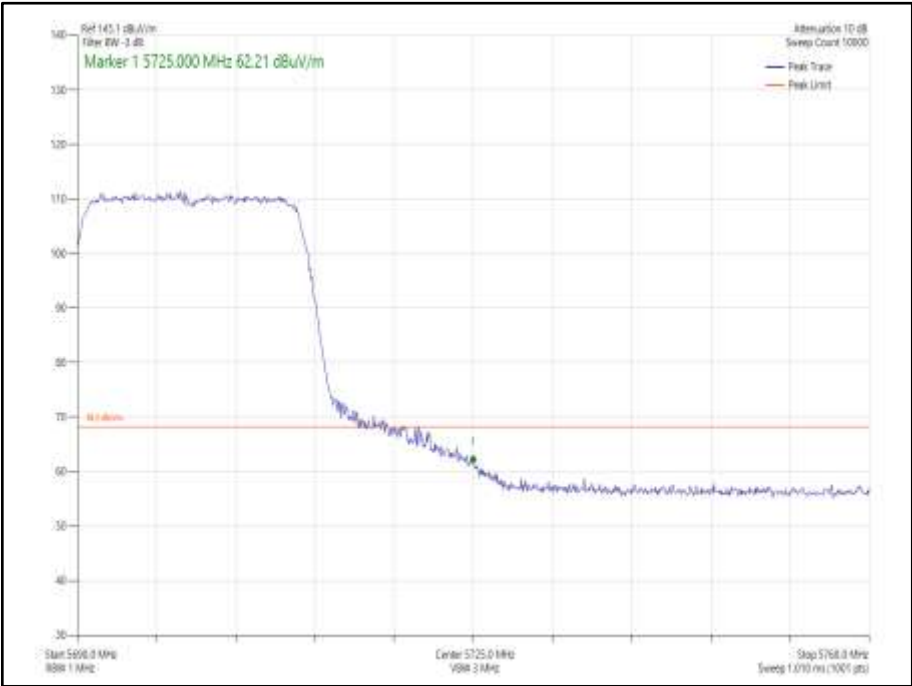


Figure 941- 802.11ax HE20, Core 0, SU - 5700 MHz
Band Edge Frequency 5725 MHz

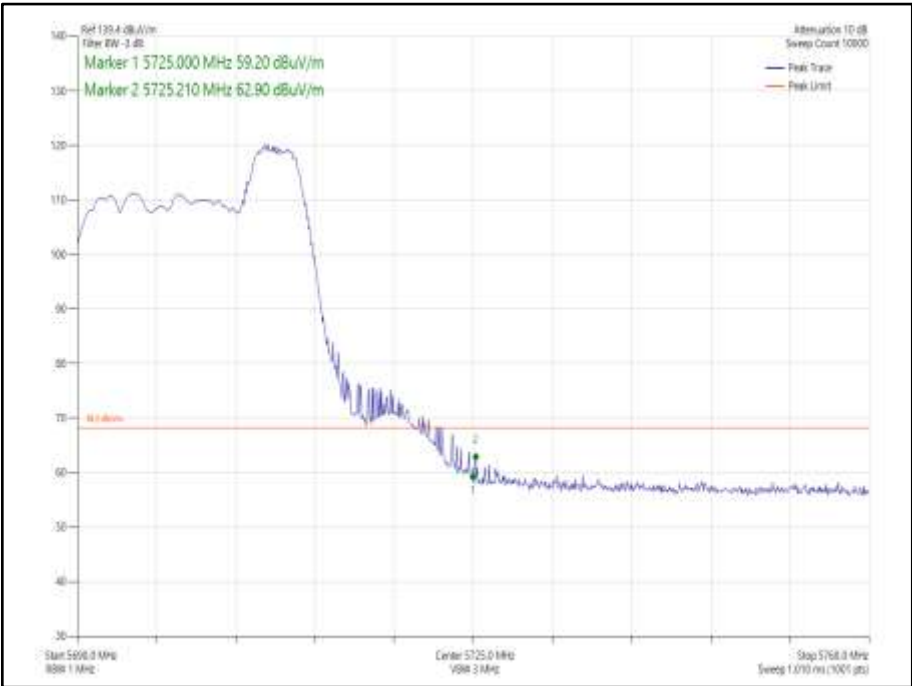


Figure 942- 802.11ax HE20, Core 0, 52-40 - 5700 MHz
Band Edge Frequency 5725 MHz

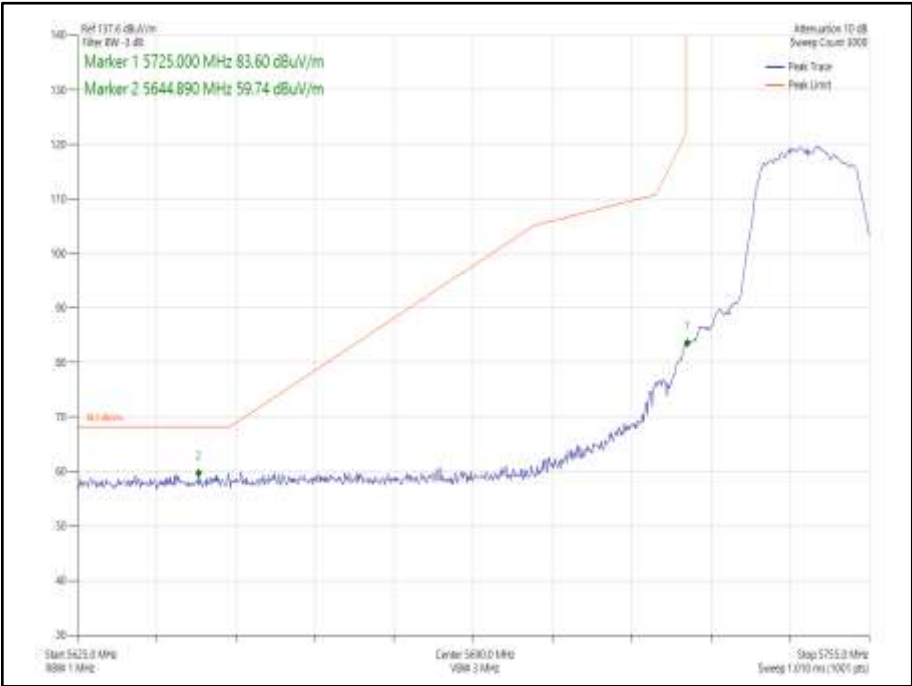


Figure 943 - 802.11a, Core 1 - 5745 MHz
Band Edge Frequency 5725 MHz

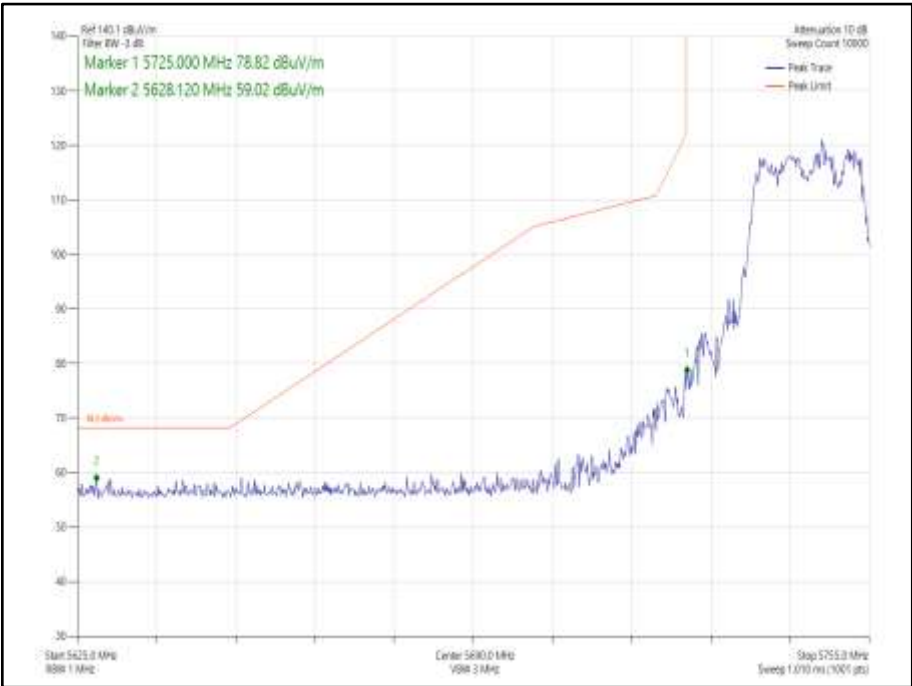


Figure 944 - 802.11n HT20, Core 1 - 5745 MHz
Band Edge Frequency 5725 MHz

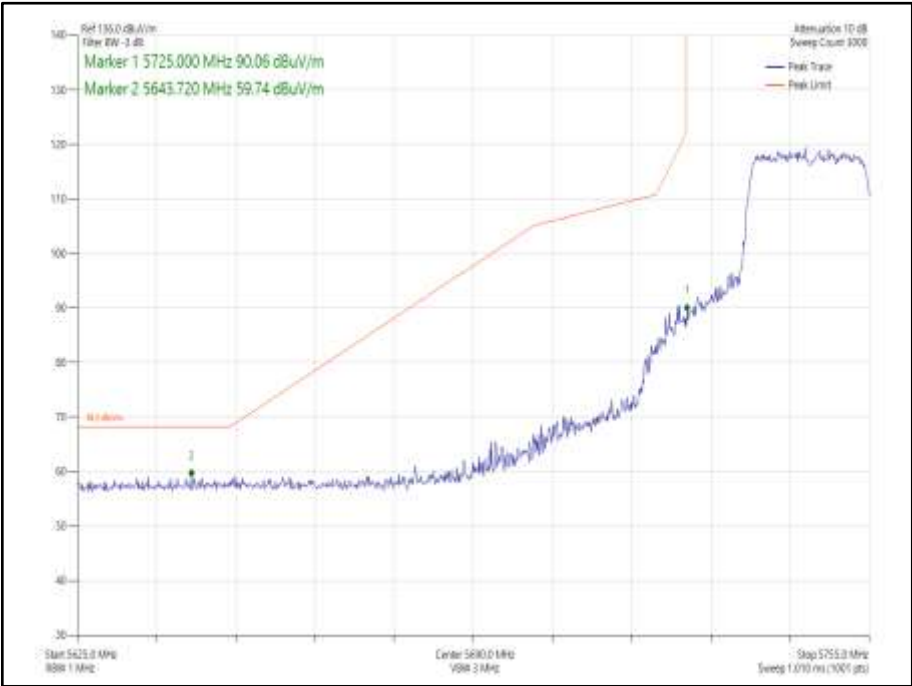


Figure 945- 802.11ax HE20, Core 1, SU - 5745 MHz
Band Edge Frequency 5735 MHz

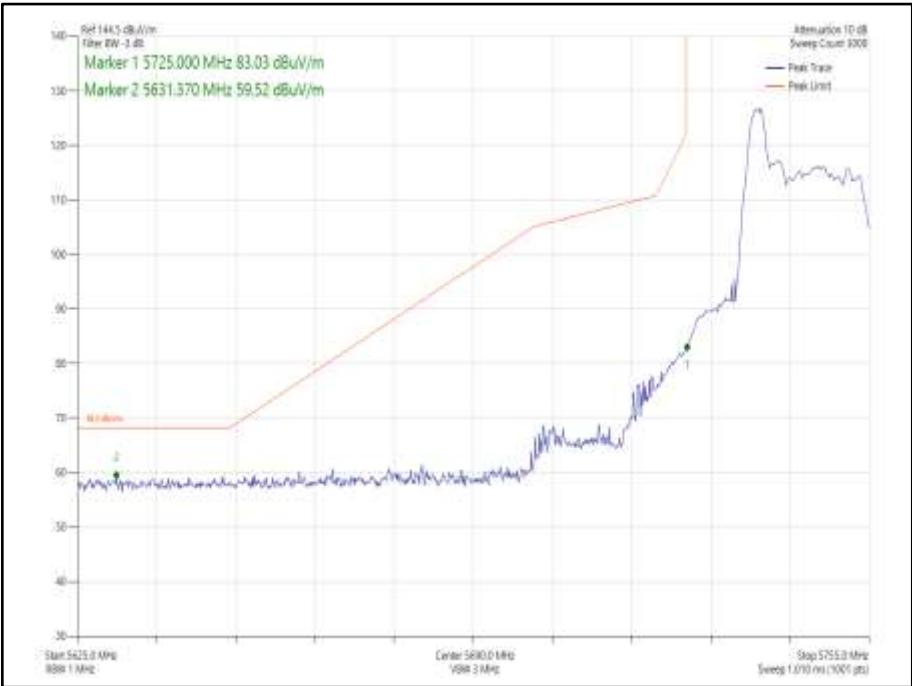


Figure 946- 802.11ax HE20, Core 1, 26-0 - 5745 MHz
Band Edge Frequency 5735 MHz

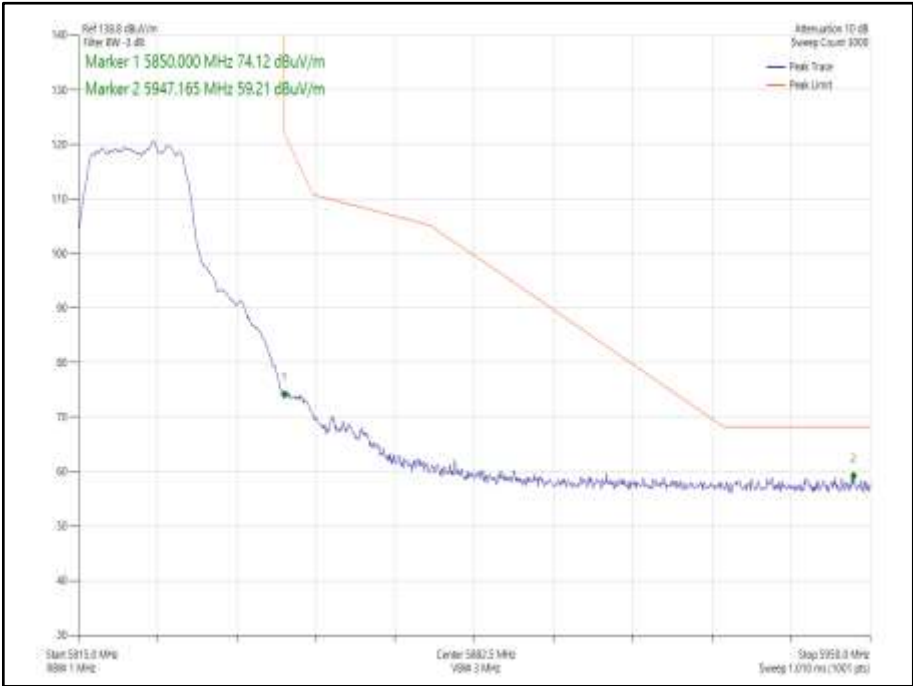


Figure 947 - 802.11a, Core 1, - 5825 MHz
Band Edge Frequency 5850 MHz

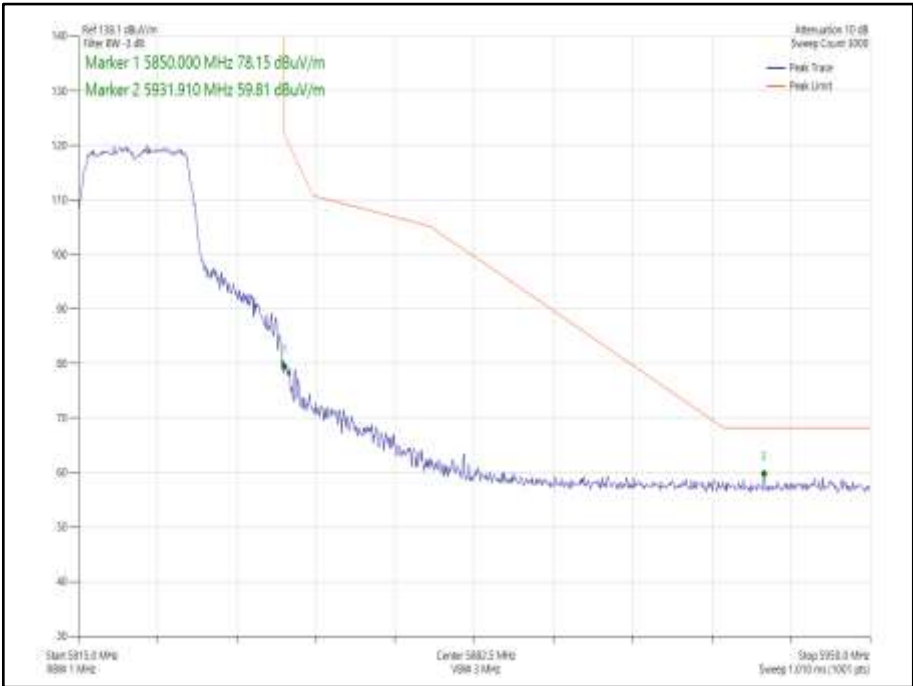


Figure 948 - 802.11n HT20, Core 1 - 5825 MHz
Band Edge Frequency 5850 MHz

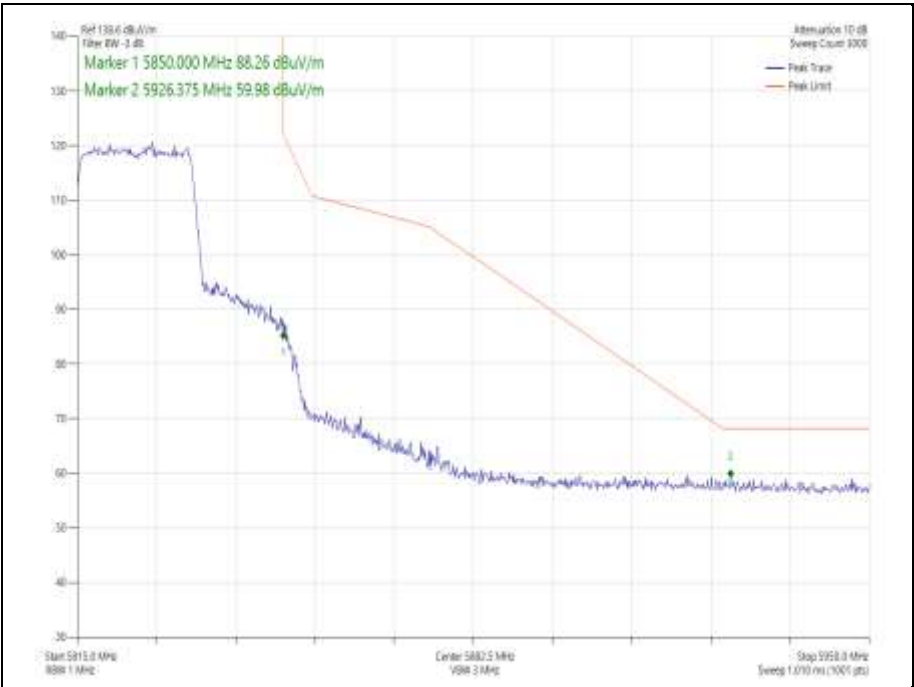


Figure 949- 802.11ax HE20, Core 1, SU - 5825 MHz
Band Edge Frequency 5850 MHz

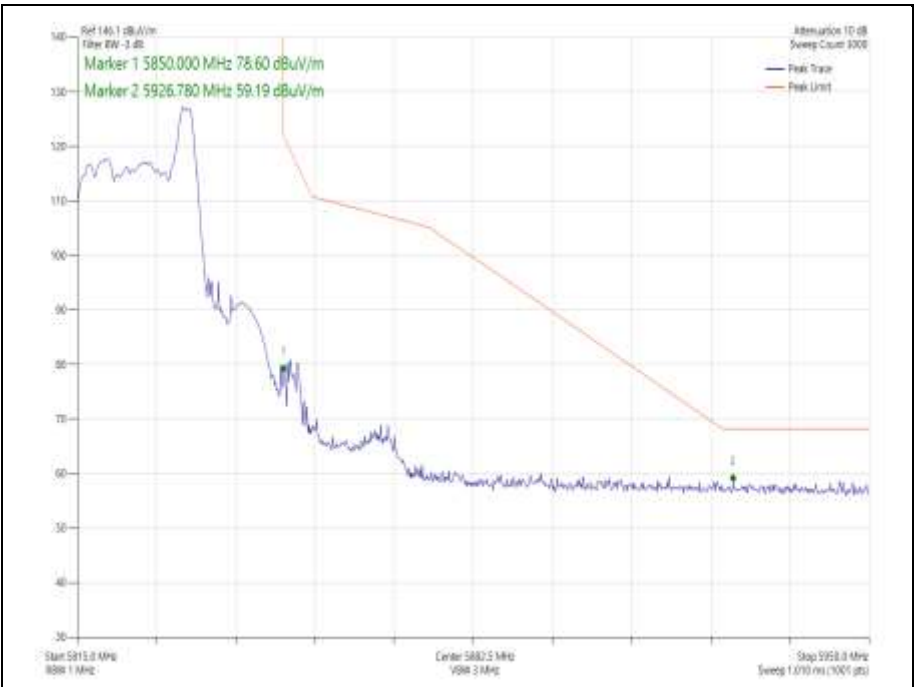


Figure 950- 802.11ax HE20, Core 1, 26-8 - 5825 MHz
Band Edge Frequency 5850 MHz



Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBuV/m)
802.11n HT20 CDD, Cores 0-1	MCS4	-	-	5500	5470	63.16
802.11n HT20 SDM, Cores 0-1	MCS12	-	-	5500	5470	62.87
802.11ax HE20 CDD, Cores 0-1	MCS4x1	SU	-	5500	5470	62.77
802.11ax HE20 CDD, Cores 0-1	MCS11x1	52	37	5500	5470	62.21
802.11ax HE20 SDM, Cores 0-1	MCS2x2	SU	-	5500	5470	63.15
802.11ax HE20 SDM, Cores 0-1	MCS11x2	52	37	5500	5470	63.18
802.11n HT20 CDD, Cores 0-1	MCS7	-	-	5700	5725	63.11
802.11n HT20 SDM, Cores 0-1	MCS12	-	-	5700	5725	62.79
802.11ax HE20 CDD, Cores 0-1	MCS4x1	SU	-	5700	5725	62.71
802.11ax HE20 CDD, Cores 0-1	MCS11x1	52	40	5700	5725	62.62
802.11ax HE20 SDM, Cores 0-1	MCS7x2	SU	-	5700	5725	63.00
802.11ax HE20 SDM, Cores 0-1	MCS11x2	52	40	5700	5725	62.49
802.11n HT20 CDD, Cores 0-1	MCS2	-	-	5745	5725	60.47
802.11n HT20 SDM, Cores 0-1	MCS15	-	-	5745	5725	60.52
802.11ax HE20 CDD, Cores 0-1	MCS2x1	SU	-	5745	5725	61.11
802.11ax HE20 CDD, Cores 0-1	MCS11x1	26	0	5745	5725	60.72
802.11ax HE20 SDM, Cores 0-1	MCS4x2	SU	-	5745	5725	61.84
802.11ax HE20 SDM, Cores 0-1	MCS11x2	26	0	5745	5725	60.72
802.11n HT20 CDD, Cores 0-1	MCS4	-	-	5825	5850	59.51
802.11n HT20 SDM, Cores 0-1	MCS10	-	-	5825	5850	60.11
802.11ax HE20 CDD, Cores 0-1	MCS11x1	SU	-	5825	5850	59.39
802.11ax HE20 CDD, Cores 0-1	MCS11x1	26	8	5825	5850	59.60
802.11ax HE20 SDM, Cores 0-1	MCS11x2	SU	-	5825	5850	59.73
802.11ax HE20 SDM, Cores 0-1	MCS11x2	26	8	5825	5850	60.15

Table 696 -20 MHz Bandwidth 2TX MIMO Authorised Band Edge Results

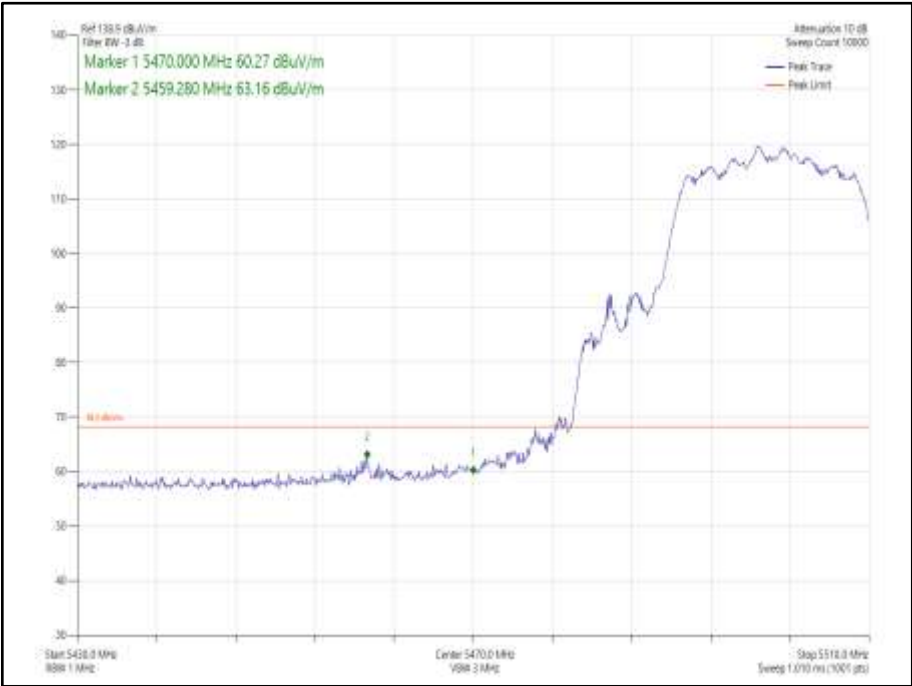


Figure 951 - 802.11n HT20 CDD, Cores 0-1 - 5500 MHz
Band Edge Frequency 5470 MHz

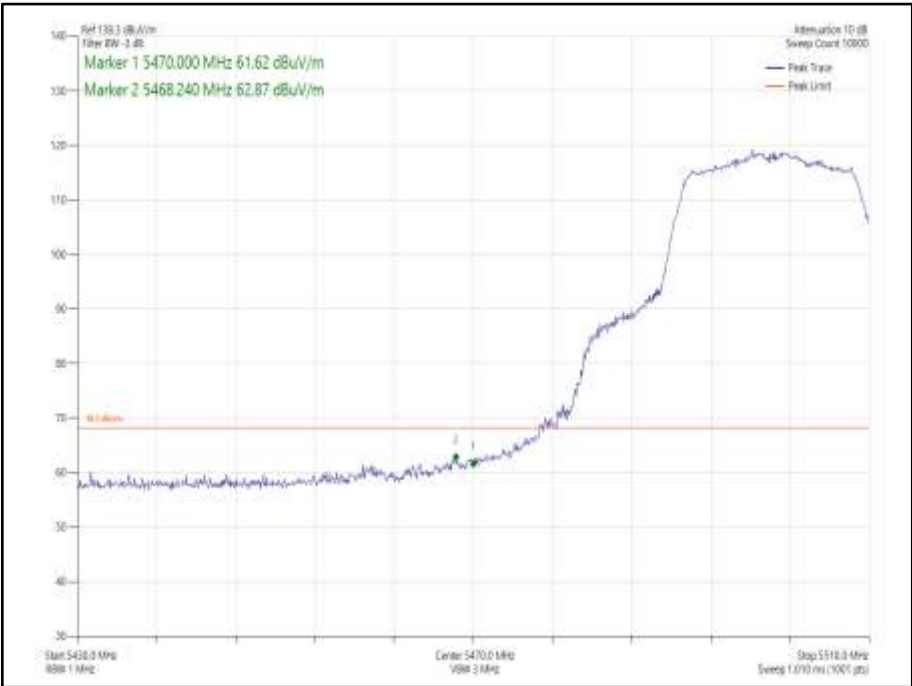


Figure 952 - 802.11n HT20 SDM, Cores 0-1 - 5500 MHz
Band Edge Frequency 5470 MHz

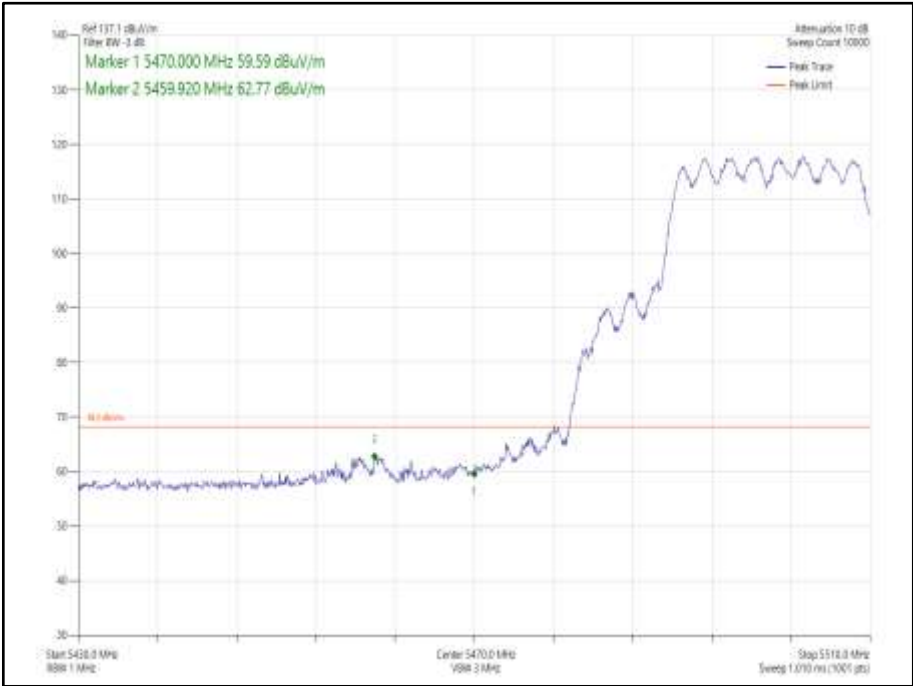


Figure 953 - 802.11ax HE20 CDD, Cores 0-1, SU - 5500 MHz
Band Edge Frequency 5470 MHz



Figure 954 - 802.11ax HE20 CDD, Cores 0-1 52-37 - 5500 MHz
Band Edge Frequency 5470 MHz

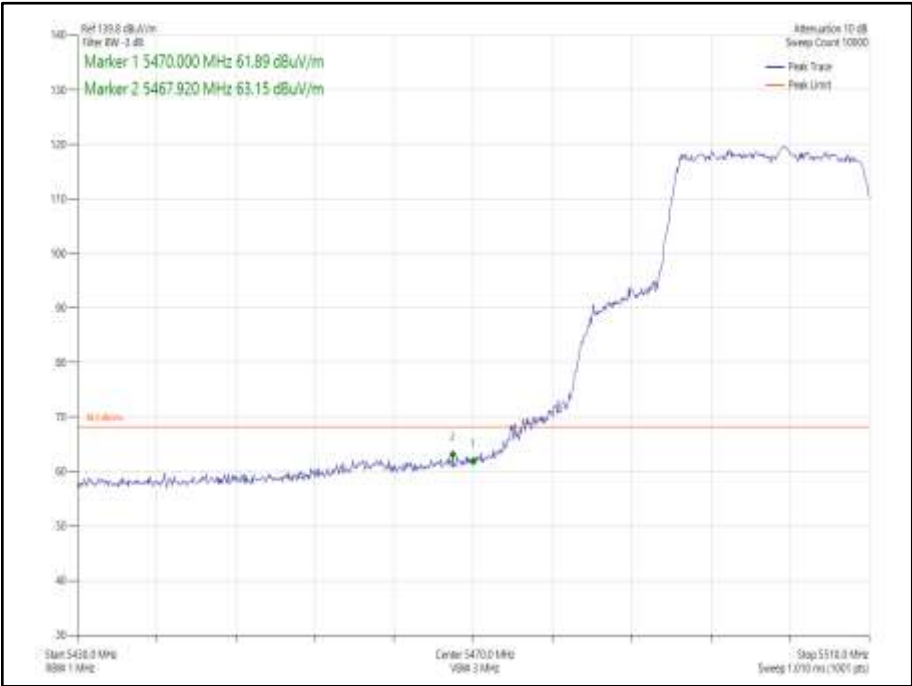


Figure 955 - 802.11ax HE20 SDM, Cores 0-1 SU - 5500 MHz
Band Edge Frequency 5470 MHz



Figure 956 - 802.11ax HE20 SDM, Cores 0-1 52-37 - 5500 MHz
Band Edge Frequency 5470 MHz

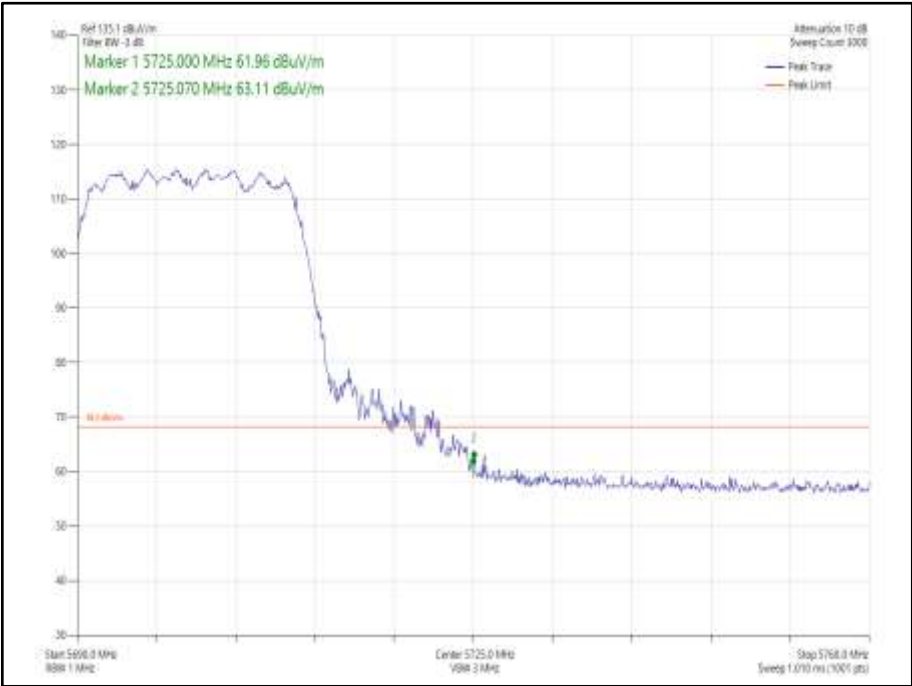


Figure 957 - 802.11n HT20 CDD, Cores 0-1 - 5700 MHz
Band Edge Frequency 5725 MHz

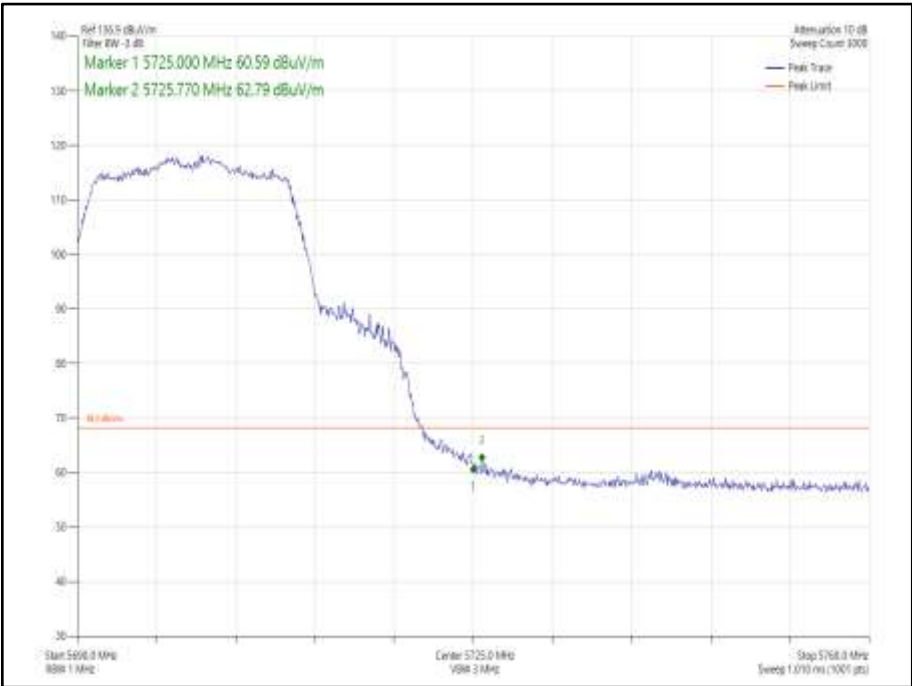


Figure 958 - 802.11n HT20 SDM, Cores 0-1 - 5700 MHz
Band Edge Frequency 5725 MHz