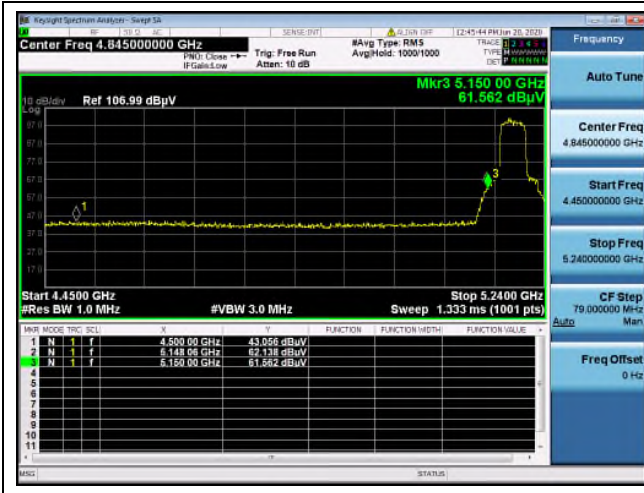
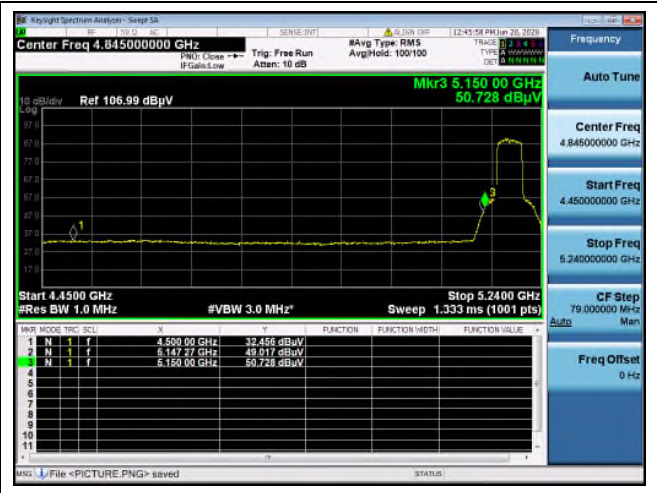


OFDMA: 802.11ax_HE40 Band 1_SU

Low channel (Peak)



Low channel (Average)



OFDMA: 802.11ax_HE40 Band 2A_SU

High channel (Peak)



High channel (Average)

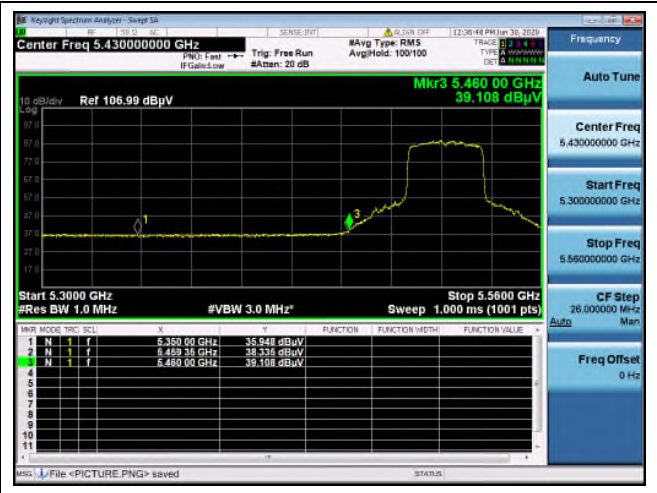


OFDMA: 802.11ax_HE40 Band 2C_SU

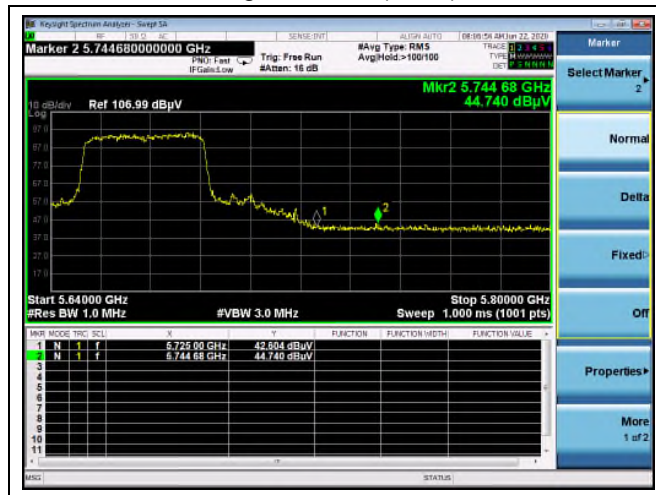
Low channel (Peak)



Low channel (Average)

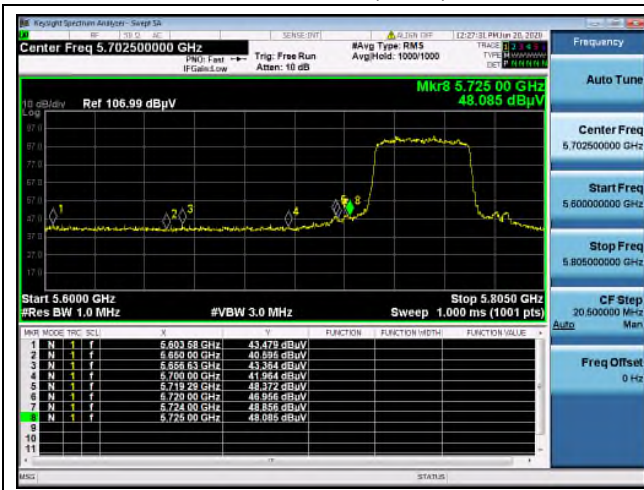


High channel (Peak)

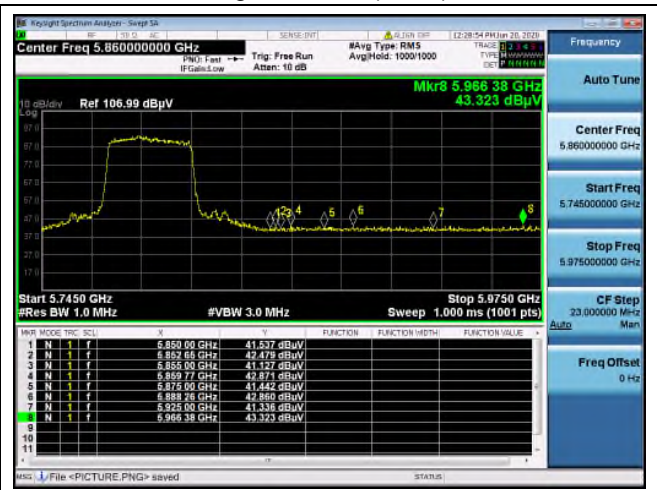


OFDMA: 802.11ax_HE40 Band 3_SU

Low channel (Peak)



High channel (Peak)



Ant.1+Ant.2

OFDMA: 802.11ax_HE80 Band 1_26T

Middle channel_0 RU (Peak)



Middle channel_0 RU (Average)

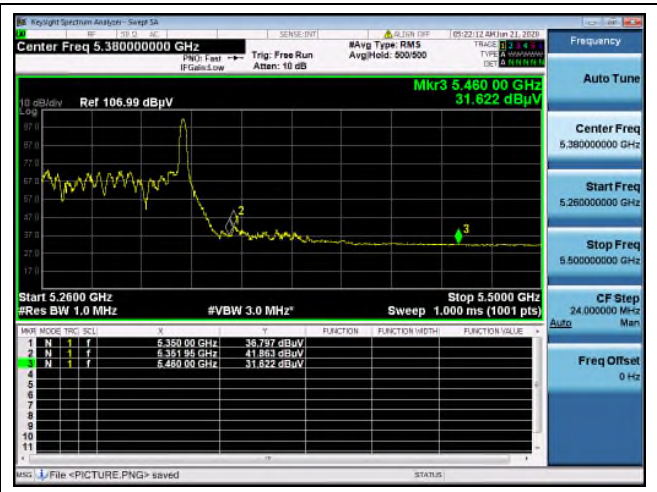


OFDMA: 802.11ax_HE80 Band 2A_26T

Middle channel_36 RU (Peak)



Middle channel_36 RU (Average)



OFDMA: 802.11ax_HE80 Band 2C_26T

Low channel_0 RU (Peak)



Low channel_0 RU (Average)



High channel_36 RU (Peak)



OFDMA: 802.11ax_HE80 Band 3_26T

Middle channel_0 RU (Peak)

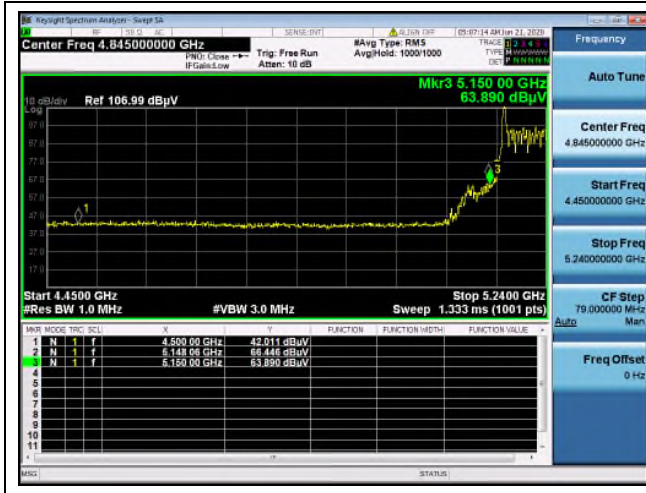


Middle channel_36 RU (Peak)



OFDMA: 802.11ax_HE80 Band 1_52T

Middle channel_37 RU (Peak)



Middle channel_37 RU (Average)

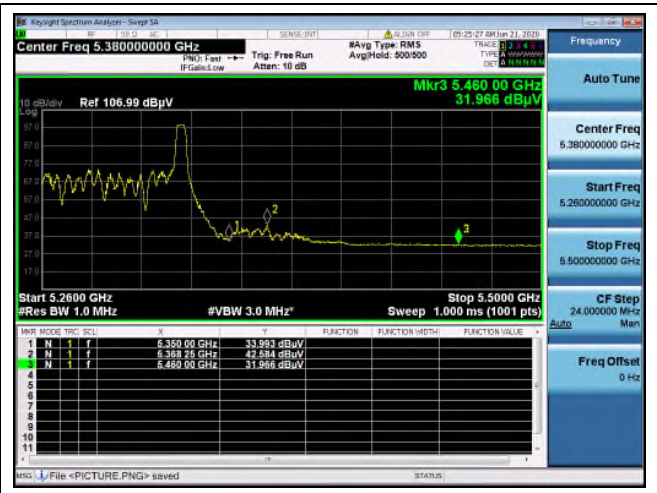


OFDMA: 802.11ax_HE80 Band 2A_52T

Middle channel_52 RU (Peak)

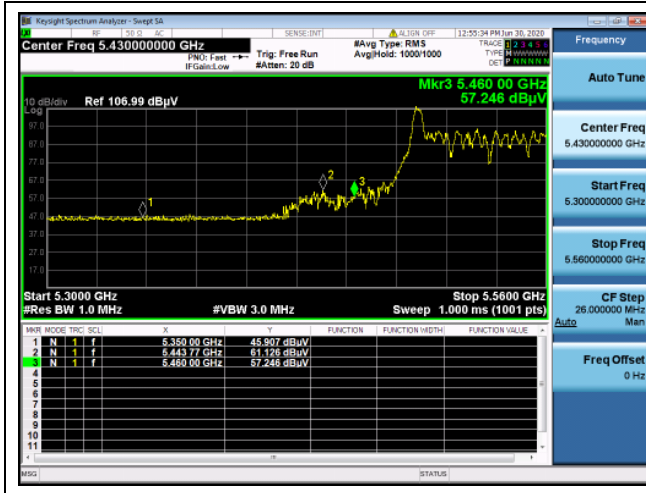


Middle channel_52 RU (Average)

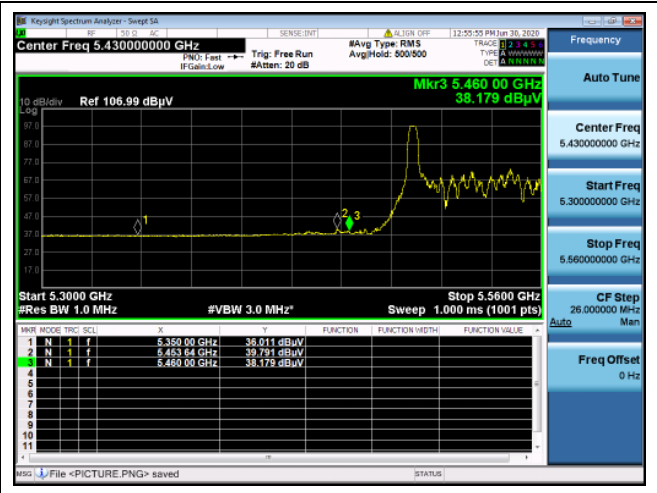


OFDMA: 802.11ax_HE80 Band 2C_52T

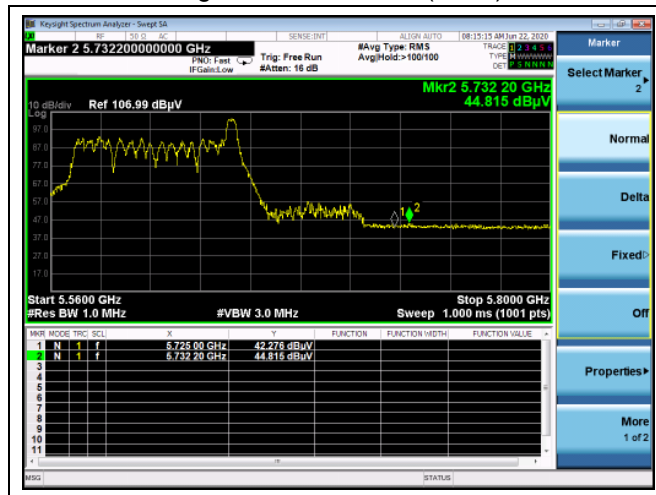
Low channel_37 RU (Peak)



Low channel_37 RU (Average)



High channel_52 RU (Peak)



OFDMA: 802.11ax_HE80 Band 3_52T

Middle channel_37 RU (Peak)



Middle channel_52 RU (Peak)



OFDMA: 802.11ax_HE80 Band 1_106T

Middle channel_53 RU (Peak)



Middle channel_53 RU (Average)

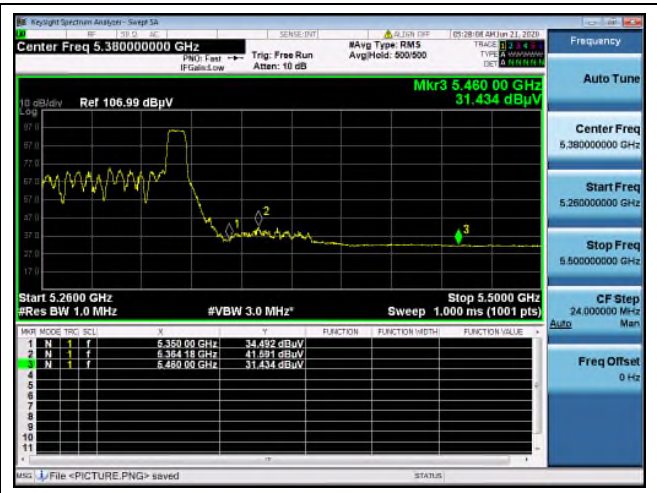


OFDMA: 802.11ax_HE80 Band 2A_106T

Middle channel_60 RU (Peak)



Middle channel_60 RU (Average)



OFDMA: 802.11ax_HE80 Band 2C_106T

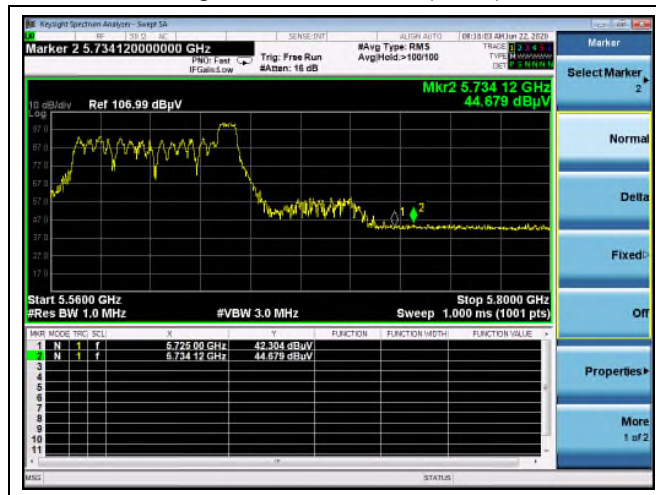
Low channel_53 RU (Peak)



Low channel_53 RU (Average)



High channel_60 RU (Peak)



OFDMA: 802.11ax_HE80 Band 3_106T

Middle channel_53 RU (Peak)



Middle channel_60 RU (Peak)



OFDMA: 802.11ax_HE80 Band 1_242T

Middle channel_61 RU (Peak)

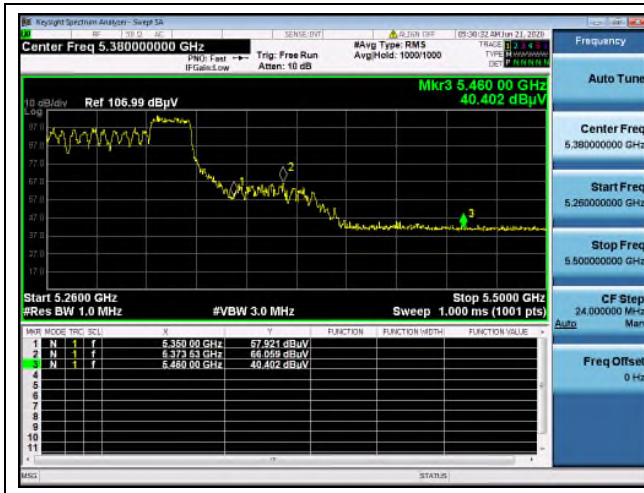


Middle channel_61 RU (Average)



OFDMA: 802.11ax_HE80 Band 2A_242T

Middle channel_64 RU (Peak)



Middle channel_64 RU (Average)



OFDMA: 802.11ax_HE80 Band 2C_242T

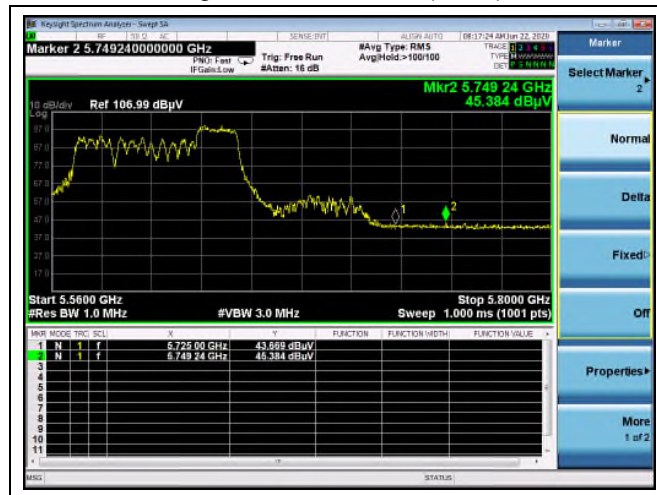
Low channel_61 RU (Peak)



Low channel_61 RU (Average)



High channel_64 RU (Peak)



OFDMA: 802.11ax_HE80 Band 3_242T

Middle channel_61 RU (Peak)



Middle channel_64 RU (Peak)



OFDMA: 802.11ax_HE80 Band 1_484T

Middle channel_65 RU (Peak)

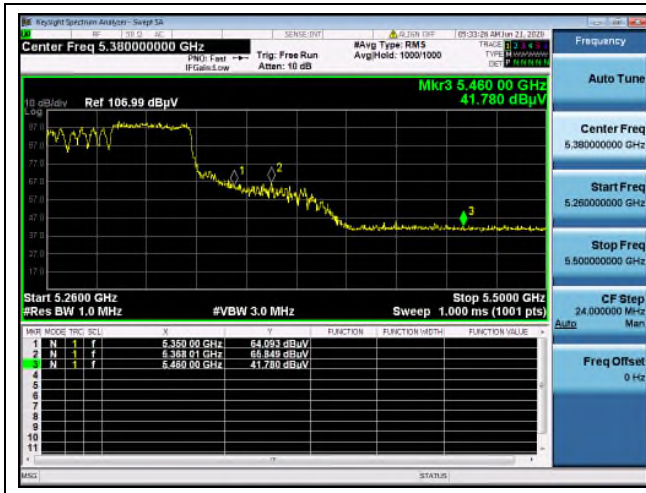


Middle channel_65 RU (Average)



OFDMA: 802.11ax_HE80 Band 2A_484T

Middle channel_66 RU (Peak)



Middle channel_66 RU (Average)



OFDMA: 802.11ax_HE80 Band 2C_484T

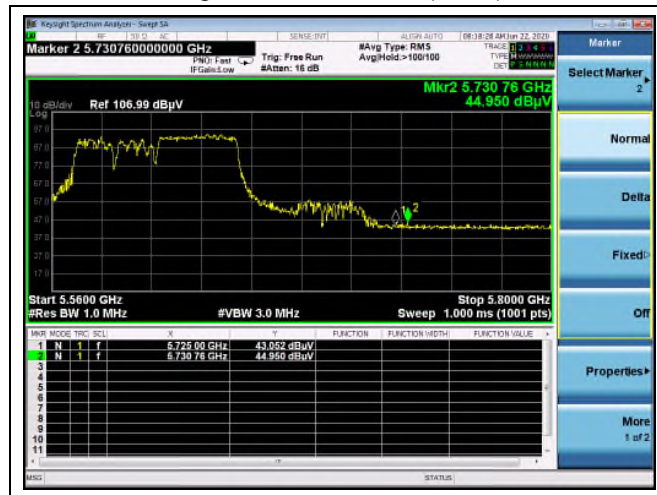
Low channel_65 RU (Peak)



Low channel_65 RU (Average)



High channel_66 RU (Peak)



OFDMA: 802.11ax_HE80 Band 3_484T

Middle channel_65 RU (Peak)

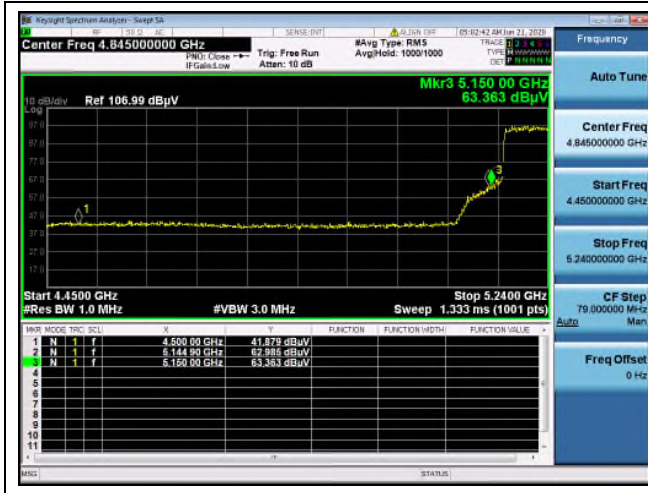


Middle channel_66 RU (Peak)

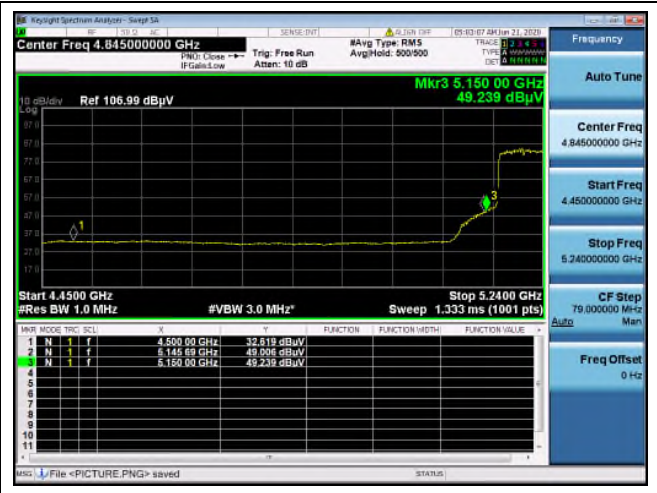


OFDMA: 802.11ax_HE80 Band 1_SU

Middle channel (Peak)



Middle channel (Average)



OFDMA: 802.11ax_HE80 Band 2A_SU

Middle channel (Peak)

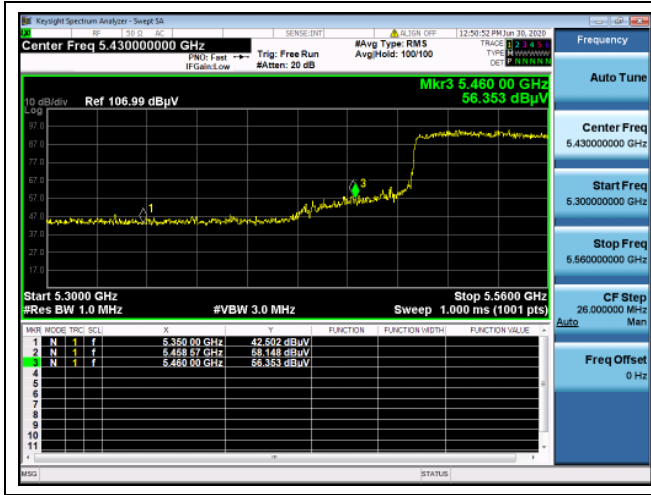


Middle channel (Average)

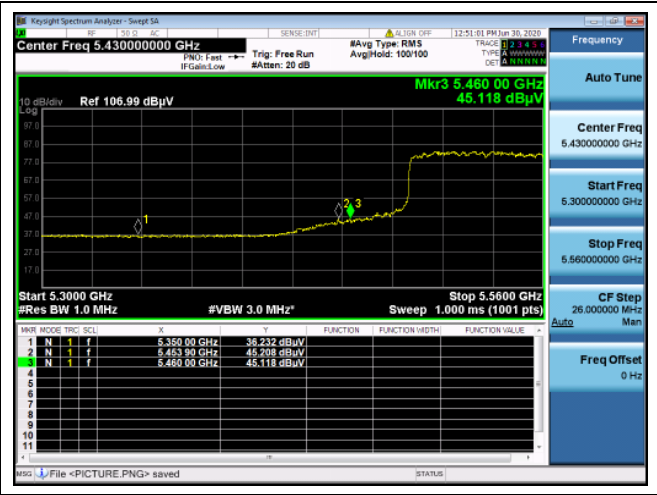


OFDMA: 802.11ax_HE80 Band 2C_SU

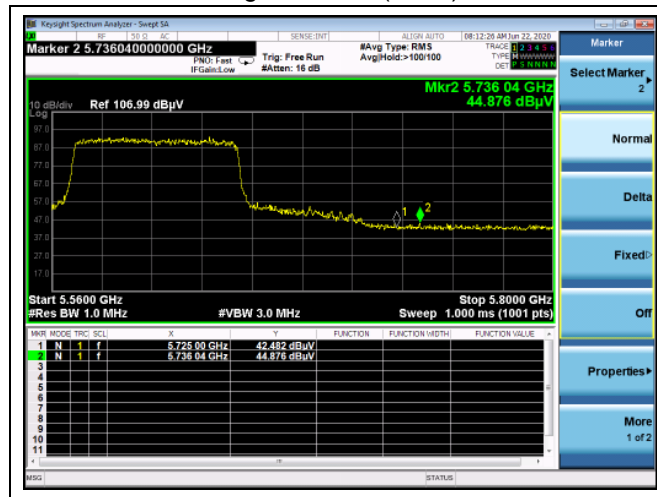
Low channel (Peak)



Low channel (Average)



High channel (Peak)



OFDMA: 802.11ax_HE80 Band 3_SU

Middle channel (Peak)



Middle channel (Peak)



3. 26 dB Bandwidth & 99 % Bandwidth

3.1. Test Setup



3.2. Limit

None; for reporting purpose only.

3.3. Test Procedure

All data rates and modes were investigated for this test. The full data for the worst case data rate are reported in this section.

3.3.1. 26 dB Bandwidth

1. This measurement settings are specified in section II.C.1 of KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. Set RBW = approximately 1 % of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1 %.

3.3.2. 99 % Bandwidth

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

- The transmitter shall be operated at its maximum carrier power measured under normal test condition.
- The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
- The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
- The resolution bandwidth (RBW) shall be in the range of 1 % to 5 % of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99 % emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99 % emission bandwidth).

3.4. Test Result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

3.4.1. 26 dB bandwidth

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Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U_NII 1	26T	0	Low	5 180	19.600	19.950
			Middle	5 220	19.790	19.710
			High	5 240	19.520	20.000
		4	Low	5 180	18.500	18.560
			Middle	5 220	18.160	18.580
			High	5 240	18.460	18.380
		8	Low	5 180	19.490	19.870
			Middle	5 220	19.640	19.950
			High	5 240	19.510	20.090
	52T	37	Low	5 180	19.820	20.020
			Middle	5 220	19.490	20.100
			High	5 240	19.950	20.100
		38	Low	5 180	18.270	18.730
			Middle	5 220	18.250	19.010
			High	5 240	18.430	18.780
		40	Low	5 180	19.870	19.860
			Middle	5 220	19.470	20.110
			High	5 240	19.450	20.030
	106T	53	Low	5 180	18.610	20.290
			Middle	5 220	19.930	20.130
			High	5 240	20.580	20.350
		54	Low	5 180	20.070	20.270
			Middle	5 220	19.790	20.360
			High	5 240	19.890	20.240
	SU	-	Low	5 180	20.810	20.740
			Middle	5 220	21.050	20.860
			High	5 240	20.410	20.440

Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U_NII 2A	26T	0	Low	5 260	19.530	19.980
			Middle	5 300	19.670	20.100
			High	5 320	19.770	19.710
		4	Low	5 260	18.320	18.540
			Middle	5 300	18.360	18.360
			High	5 320	18.260	18.530
		8	Low	5 260	19.100	19.970
			Middle	5 300	18.810	20.020
			High	5 320	19.230	19.910
	52T	37	Low	5 260	19.950	19.940
			Middle	5 300	19.990	20.190
			High	5 320	19.830	20.240
		38	Low	5 260	18.480	18.920
			Middle	5 300	18.550	18.600
			High	5 320	18.500	18.910
		40	Low	5 260	19.720	19.420
			Middle	5 300	19.690	20.100
			High	5 320	19.610	19.640
	106T	53	Low	5 260	19.760	20.430
			Middle	5 300	20.410	20.240
			High	5 320	20.200	20.670
		54	Low	5 260	20.230	20.480
			Middle	5 300	19.650	20.180
			High	5 320	19.750	20.320
	SU	-	Low	5 260	20.750	20.690
			Middle	5 300	20.830	20.470
			High	5 320	20.550	20.580

Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	26T	0	Low	5 500	19.580	19.900
			Middle	5 580	19.830	19.990
			High	5 700	19.680	19.820
		4	Low	5 500	18.520	18.050
			Middle	5 580	18.340	18.370
			High	5 700	18.390	18.550
		8	Low	5 500	19.440	19.690
			Middle	5 580	18.850	19.940
			High	5 700	19.560	19.950
	52T	37	Low	5 500	19.490	20.250
			Middle	5 580	19.550	19.900
			High	5 700	19.810	19.970
		38	Low	5 500	18.590	18.600
			Middle	5 580	18.600	18.790
			High	5 700	18.250	18.590
		40	Low	5 500	19.490	20.180
			Middle	5 580	19.600	20.190
			High	5 700	18.660	19.740
	106T	53	Low	5 500	20.320	20.700
			Middle	5 580	20.230	19.830
			High	5 700	20.380	20.590
		54	Low	5 500	19.930	20.280
			Middle	5 580	20.270	20.340
			High	5 700	20.210	20.350
	SU	-	Low	5 500	20.560	20.720
			Middle	5 580	20.670	20.710
			High	5 700	20.800	20.830

Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 3	26T	0	Low	5 745	19.190	19.970
			Middle	5 785	19.850	20.050
			High	5 825	19.290	20.020
		4	Low	5 745	18.360	18.630
			Middle	5 785	17.500	18.540
			High	5 825	18.070	18.000
		8	Low	5 745	19.410	19.560
			Middle	5 785	18.660	19.820
			High	5 825	19.720	19.910
	52T	37	Low	5 745	19.740	19.920
			Middle	5 785	19.780	19.810
			High	5 825	19.760	20.010
		38	Low	5 745	18.490	18.730
			Middle	5 785	18.340	18.680
			High	5 825	18.550	18.820
		40	Low	5 745	19.340	19.690
			Middle	5 785	19.710	19.920
			High	5 825	19.670	19.970
	106T	53	Low	5 745	19.930	20.970
			Middle	5 785	20.420	20.490
			High	5 825	20.100	20.340
		54	Low	5 745	20.130	20.390
			Middle	5 785	20.050	20.230
			High	5 825	20.080	20.230
	SU	-	Low	5 745	20.810	20.890
			Middle	5 785	20.890	21.040
			High	5 825	20.750	20.440

- Straddle channel

Band	Frequency (MHz)	Channel	Tones	RU offset	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	5 720	Straddle	26T	0	19.640	19.480
				4	18.330	18.200
			52T	37	19.790	19.860
				38	18.680	18.340
			106T	53	20.450	20.100
				54	14.560	14.200
			SU	-	15.480	15.600

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Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 1	26T	0	Low	5 190	39.540	40.090
			High	5 230	39.820	39.680
		9	Low	5 190	37.930	36.420
			High	5 230	38.000	37.940
		17	Low	5 190	39.820	39.600
			High	5 230	39.730	40.120
	52T	37	Low	5 190	39.680	39.160
			High	5 230	40.050	40.210
		41	Low	5 190	38.140	37.660
			High	5 230	38.170	38.160
		44	Low	5 190	39.700	38.750
			High	5 230	39.670	39.700
	106T	53	Low	5 190	39.450	39.650
			High	5 230	39.710	38.760
		54	Low	5 190	38.380	37.160
			High	5 230	38.260	38.050
		56	Low	5 190	39.850	39.570
			High	5 230	39.880	39.660
	242T	61	Low	5 190	40.430	41.300
			High	5 230	40.590	40.960
		62	Low	5 190	40.370	40.650
			High	5 230	40.700	41.030
	SU	-	Low	5 190	40.200	39.990
			High	5 230	40.110	39.880
U-NII 2A	26T	0	Low	5 270	39.820	40.020
			High	5 310	39.920	39.900
		9	Low	5 270	37.990	37.890
			High	5 310	38.020	38.060
		17	Low	5 270	39.600	39.900
			High	5 310	39.840	39.630
	52T	37	Low	5 270	40.010	38.210
			High	5 310	39.820	39.960
		41	Low	5 270	37.290	37.660
			High	5 310	38.100	38.130
		44	Low	5 270	39.500	39.730
			High	5 310	39.540	39.700
	106T	53	Low	5 270	39.860	39.650
			High	5 310	39.880	39.700
		54	Low	5 270	38.570	38.140
			High	5 310	38.710	38.560
		56	Low	5 270	39.790	39.410
			High	5 310	39.990	39.430
	242T	61	Low	5 270	40.850	40.430
			High	5 310	40.680	40.870
		62	Low	5 270	40.630	38.990
			High	5 310	40.750	40.610
	SU	-	Low	5 270	39.620	40.100
			High	5 310	39.930	39.850

Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	26T	0	Low	5 510	39.950	39.750
			Middle	5 590	39.690	39.490
			High	5 670	39.760	39.800
		9	Low	5 510	38.070	38.010
			Middle	5 590	38.000	37.940
			High	5 670	37.620	38.010
		17	Low	5 510	39.690	40.070
			Middle	5 590	39.890	39.620
			High	5 670	39.720	39.880
	52T	37	Low	5 510	39.730	38.920
			Middle	5 590	38.860	39.920
			High	5 670	39.900	39.940
		41	Low	5 510	38.090	37.010
			Middle	5 590	38.120	37.730
			High	5 670	38.250	38.030
		44	Low	5 510	39.760	39.680
			Middle	5 590	39.830	39.770
			High	5 670	39.640	39.830
	106T	53	Low	5 510	39.910	40.020
			Middle	5 590	40.340	39.880
			High	5 670	39.810	39.910
		54	Low	5 510	38.240	38.290
			Middle	5 590	38.420	38.320
			High	5 670	38.500	38.570
		56	Low	5 510	39.950	39.800
			Middle	5 590	40.030	40.040
			High	5 670	40.650	40.190
	242T	61	Low	5 510	40.780	40.020
			Middle	5 590	40.330	40.840
			High	5 670	40.720	41.270
62		Low	5 510	40.550	40.840	
		Middle	5 590	40.630	41.000	
		High	5 670	40.820	40.820	
SU	-	Low	5 510	39.680	39.930	
		Middle	5 590	39.730	39.960	
		High	5 670	39.830	39.810	

Mode	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 3	26T	0	Low	5 755	39.790	39.860
			High	5 795	39.710	39.830
		9	Low	5 755	38.030	38.010
			High	5 795	37.550	36.860
		17	Low	5 755	39.860	39.840
			High	5 795	39.920	39.740
	52T	37	Low	5 755	39.820	39.780
			High	5 795	39.910	39.860
		41	Low	5 755	38.130	38.210
			High	5 795	38.110	38.170
		44	Low	5 755	39.590	39.780
			High	5 795	39.910	39.660
	106T	53	Low	5 755	39.970	39.820
			High	5 795	39.620	39.670
		54	Low	5 755	38.680	38.590
			High	5 795	38.160	38.380
		56	Low	5 755	40.460	40.200
			High	5 795	40.160	39.970
	242T	61	Low	5 755	40.740	40.800
			High	5 795	40.950	40.030
		62	Low	5 755	40.470	40.820
			High	5 795	40.550	40.970
	SU	-	Low	5 755	40.040	40.140
			High	5 795	39.540	39.860

- Straddle channel

Band	Frequency (MHz)	Channel	Tones	RU offset	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	5 710	Straddle	26T	0	39.790	39.910
				9	37.850	37.990
			52T	37	39.550	40.070
				41	37.930	38.170
			106T	53	39.930	39.860
				54	38.340	38.310
				56	34.280	34.040
			242T	61	40.530	40.730
				62	34.440	34.520
			SU	-	35.000	35.080

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Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 1	26T	0	Middle	5 210	81.410	81.140
		18			78.430	78.150
		36			81.220	81.860
	52T	37			81.870	81.800
		45			78.630	78.640
		52			81.930	82.350
	106T	53			81.940	83.330
		57			79.530	79.460
		60			82.000	82.360
	242T	61			82.930	82.980
		62			81.300	79.270
		64			82.940	83.290
	484T	65			82.820	83.160
		66			83.320	82.680
	SU	-			81.030	80.560
	U-NII 2A	26T			0	Middle
18			78.430	78.270		
36			82.210	80.780		
52T		37	82.380	81.890		
		45	78.590	78.660		
		52	81.080	82.610		
106T		53	82.490	81.810		
		57	75.260	80.080		
		60	81.600	82.000		
242T		61	82.480	82.190		
		62	79.440	78.600		
		64	82.710	82.240		
484T		65	84.190	82.650		
		66	83.340	83.780		
SU		-	81.140	81.340		

Band	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	26T	0	Low	5 530	82.320	81.670
			High	5 610	80.460	81.580
		18	Low	5 530	78.510	78.200
			High	5 610	78.450	78.380
		36	Low	5 530	81.160	81.180
			High	5 610	81.330	81.640
	52T	37	Low	5 530	81.570	81.370
			High	5 610	81.600	81.380
		45	Low	5 530	78.520	78.910
			High	5 610	78.720	78.520
		52	Low	5 530	81.930	81.980
			High	5 610	82.400	82.240
	106T	53	Low	5 530	82.530	82.570
			High	5 610	82.550	83.240
		57	Low	5 530	78.650	79.020
			High	5 610	79.220	78.970
		60	Low	5 530	83.580	81.500
			High	5 610	81.850	82.460
	242T	61	Low	5 530	82.500	83.740
			High	5 610	82.680	82.120
		62	Low	5 530	78.530	79.850
			High	5 610	79.500	79.860
		64	Low	5 530	83.090	83.310
			High	5 610	81.790	83.240
	484T	65	Low	5 530	82.520	83.300
			High	5 610	83.140	83.690
		66	Low	5 530	82.190	83.030
			High	5 610	83.090	84.150
	SU	-	Low	5 530	81.680	81.720
			High	5 610	81.560	81.200

Mode	Tones	RU offset	Channel	Frequency (MHz)	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 3	26T	0	Middle	5 775	81.520	82.290
		18			77.680	78.180
		36			81.660	80.830
	52T	37			82.310	81.790
		45			78.420	77.740
		52			82.140	81.630
	106T	53			82.620	82.540
		57			78.840	79.480
		60			82.650	81.890
	242T	61			81.810	82.240
		62			80.040	80.440
		64			82.840	81.040
	484T	65			83.010	83.290
		66			81.390	84.520
	SU	-			81.240	82.240

- Straddle channel

Band	Frequency (MHz)	Channel	Tones	RU offset	26 dB bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	5690	Straddle	26T	0	81.120	82.030
				18	78.680	78.440
			52T	37	82.430	81.420
				45	78.770	78.510
			106T	53	81.940	81.420
				57	79.770	79.040
				60	74.920	74.520
			242T	61	82.290	81.980
				62	80.430	82.550
				64	75.240	74.520
			484T	65	83.590	82.220
				66	77.080	77.400
			SU	-	76.360	75.960

3.4.2. 99 % bandwidth

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Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U_NII 1	26T	0	Low	5 180	17.820	18.301
			Middle	5 220	18.224	18.368
			High	5 240	18.287	18.251
		4	Low	5 180	16.773	17.075
			Middle	5 220	17.246	16.901
			High	5 240	16.984	17.084
		8	Low	5 180	17.977	18.396
			Middle	5 220	17.658	18.414
			High	5 240	18.269	18.369
	52T	37	Low	5 180	17.425	17.761
			Middle	5 220	18.164	17.938
			High	5 240	18.245	18.025
		38	Low	5 180	16.692	17.144
			Middle	5 220	16.803	17.314
			High	5 240	16.628	17.259
		40	Low	5 180	17.990	18.110
			Middle	5 220	17.656	18.231
			High	5 240	17.305	18.217
	106T	53	Low	5 180	17.247	18.161
			Middle	5 220	18.225	18.183
			High	5 240	18.229	18.078
		54	Low	5 180	17.992	17.926
			Middle	5 220	17.854	18.240
			High	5 240	18.193	18.291
	SU	-	Low	5 180	18.883	18.859
			Middle	5 220	18.885	18.858
			High	5 240	18.918	18.870

Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U_NII 2A	26T	0	Low	5 260	18.224	18.283
			Middle	5 300	18.355	17.964
			High	5 320	18.386	18.291
		4	Low	5 260	16.365	17.070
			Middle	5 300	17.206	17.135
			High	5 320	17.115	17.018
		8	Low	5 260	17.813	18.089
			Middle	5 300	17.853	18.420
			High	5 320	18.114	18.408
	52T	37	Low	5 260	18.178	18.232
			Middle	5 300	18.174	18.208
			High	5 320	17.672	18.213
		38	Low	5 260	17.133	17.186
			Middle	5 300	17.060	17.005
			High	5 320	17.065	17.194
		40	Low	5 260	17.743	18.180
			Middle	5 300	18.092	18.072
			High	5 320	18.132	18.268
	106T	53	Low	5 260	18.018	18.016
			Middle	5 300	18.037	17.965
			High	5 320	18.204	18.080
		54	Low	5 260	16.962	18.195
			Middle	5 300	18.104	18.003
			High	5 320	18.162	18.298
	SU	-	Low	5 260	18.844	18.888
			Middle	5 300	18.874	18.879
			High	5 320	18.904	18.886

Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	26T	0	Low	5 500	18.338	18.019
			Middle	5 580	17.909	18.414
			High	5 700	17.650	17.651
		4	Low	5 500	16.871	16.737
			Middle	5 580	17.078	16.739
			High	5 700	17.017	16.648
		8	Low	5 500	18.160	18.318
			Middle	5 580	17.825	18.426
			High	5 700	18.182	18.404
	52T	37	Low	5 500	18.208	17.667
			Middle	5 580	18.250	18.257
			High	5 700	18.228	18.295
		38	Low	5 500	17.041	17.124
			Middle	5 580	17.029	16.895
			High	5 700	17.035	17.151
		40	Low	5 500	17.600	17.917
			Middle	5 580	18.150	18.238
			High	5 700	17.268	18.213
	106T	53	Low	5 500	18.127	18.105
			Middle	5 580	17.830	18.043
			High	5 700	18.135	18.083
		54	Low	5 500	17.729	17.996
			Middle	5 580	18.071	18.018
			High	5 700	18.127	18.169
	SU	-	Low	5 500	18.882	18.891
			Middle	5 580	18.887	18.867
			High	5 700	18.854	18.863

Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 3	26T	0	Low	5 745	17.926	18.355
			Middle	5 785	18.259	18.271
			High	5 825	17.993	18.326
		4	Low	5 745	17.165	17.147
			Middle	5 785	16.657	17.182
			High	5 825	16.825	16.597
		8	Low	5 745	18.282	18.381
			Middle	5 785	17.535	18.353
			High	5 825	17.912	18.258
	52T	37	Low	5 745	18.212	17.866
			Middle	5 785	18.172	17.638
			High	5 825	18.178	18.201
		38	Low	5 745	15.704	17.223
			Middle	5 785	17.149	17.037
			High	5 825	17.068	17.271
		40	Low	5 745	18.057	18.162
			Middle	5 785	18.180	17.914
			High	5 825	17.992	18.230
	106T	53	Low	5 745	18.249	18.128
			Middle	5 785	17.644	18.189
			High	5 825	18.209	18.191
		54	Low	5 745	18.093	18.258
			Middle	5 785	18.101	18.168
			High	5 825	18.212	18.280
	SU	-	Low	5 745	18.895	18.867
			Middle	5 785	18.845	18.878
			High	5 825	18.882	18.882

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Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 1	26T	0	Low	5 190	37.225	37.684
			High	5 230	37.697	37.446
		9	Low	5 190	36.006	34.046
			High	5 230	36.158	35.848
		17	Low	5 190	37.833	37.475
			High	5 230	37.564	37.756
	52T	37	Low	5 190	37.325	37.113
			High	5 230	37.362	37.559
		41	Low	5 190	36.124	35.240
			High	5 230	35.680	36.190
		44	Low	5 190	37.385	36.720
			High	5 230	37.001	37.534
	106T	53	Low	5 190	36.944	37.210
			High	5 230	36.847	36.856
		54	Low	5 190	36.129	35.034
			High	5 230	35.692	35.830
		56	Low	5 190	37.059	36.619
			High	5 230	36.267	37.407
	242T	61	Low	5 190	37.168	36.854
			High	5 230	37.124	37.176
		62	Low	5 190	36.545	37.000
			High	5 230	37.009	36.817
	SU	-	Low	5 190	34.579	37.588
			High	5 230	37.670	37.692
U-NII 2A	26T	0	Low	5 270	37.633	37.694
			High	5 310	37.754	37.728
		9	Low	5 270	35.603	35.846
			High	5 310	36.134	36.073
		17	Low	5 270	37.355	36.711
			High	5 310	37.598	37.574
	52T	37	Low	5 270	37.321	36.283
			High	5 310	37.407	37.446
		41	Low	5 270	35.094	35.528
			High	5 310	35.914	35.978
		44	Low	5 270	37.239	37.502
			High	5 310	37.079	37.391
	106T	53	Low	5 270	36.844	37.144
			High	5 310	37.216	37.158
		54	Low	5 270	36.114	35.751
			High	5 310	35.952	36.082
		56	Low	5 270	37.065	36.976
			High	5 310	37.318	37.235
	242T	61	Low	5 270	36.811	37.396
			High	5 310	36.626	37.238
		62	Low	5 270	37.296	36.646
			High	5 310	36.720	37.261
	SU	-	Low	5 270	37.545	37.651
			High	5 310	37.667	37.661

Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	26T	0	Low	5 510	37.687	37.815
			Middle	5 590	37.600	37.728
			High	5 670	37.627	37.566
		9	Low	5 510	36.178	35.738
			Middle	5 590	35.413	36.199
			High	5 670	35.945	36.139
		17	Low	5 510	37.676	37.889
			Middle	5 590	37.156	37.685
			High	5 670	37.379	37.710
	52T	37	Low	5 510	37.253	36.234
			Middle	5 590	35.591	37.408
			High	5 670	37.484	37.382
		41	Low	5 510	35.714	34.925
			Middle	5 590	35.908	35.567
			High	5 670	36.148	35.645
		44	Low	5 510	37.405	37.368
			Middle	5 590	37.431	37.201
			High	5 670	37.276	37.174
	106T	53	Low	5 510	37.305	37.115
			Middle	5 590	37.360	37.088
			High	5 670	37.231	36.834
		54	Low	5 510	35.209	36.075
			Middle	5 590	35.776	35.786
			High	5 670	35.818	36.239
		56	Low	5 510	36.893	37.358
			Middle	5 590	36.942	37.268
			High	5 670	37.308	37.075
	242T	61	Low	5 510	37.316	36.867
			Middle	5 590	37.175	36.329
			High	5 670	37.008	37.150
		62	Low	5 510	36.943	37.077
			Middle	5 590	36.939	37.245
			High	5 670	37.126	37.152
	SU	-	Low	5 510	37.574	37.657
			Middle	5 590	37.618	37.696
			High	5 670	37.645	37.633

Mode	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 3	26T	0	Low	5 755	37.700	37.734
			High	5 795	37.561	37.514
		9	Low	5 755	35.964	36.223
			High	5 795	35.404	34.944
		17	Low	5 755	37.552	37.693
			High	5 795	37.847	37.672
	52T	37	Low	5 755	37.239	37.433
			High	5 795	37.364	37.381
		41	Low	5 755	35.857	36.074
			High	5 795	35.962	35.902
		44	Low	5 755	37.438	37.079
			High	5 795	37.252	34.336
	106T	53	Low	5 755	37.160	37.011
			High	5 795	37.193	37.216
		54	Low	5 755	36.008	36.330
			High	5 795	35.463	35.769
		56	Low	5 755	37.393	37.281
			High	5 795	37.198	37.010
	242T	61	Low	5 755	37.185	37.123
			High	5 795	37.175	37.286
		62	Low	5 755	37.112	37.093
			High	5 795	36.774	37.238
	SU	-	Low	5 755	37.600	37.627
			High	5 795	37.661	37.724

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Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 1	26T	0	Middle	5 210	77.655	78.167
		18			74.307	75.051
		36			77.927	78.063
	52T	37			77.920	77.761
		45			74.781	74.978
		52			77.468	77.747
	106T	53			77.388	77.408
		57			75.085	74.792
		60			77.314	77.352
	242T	61			77.115	76.484
		62			75.251	74.085
		64			76.952	76.787
	484T	65			76.763	76.639
		66			76.860	76.783
	SU	-			77.155	77.207
	U-NII 2A	26T			0	Middle
18			75.199	74.931		
36			78.360	77.790		
52T		37	77.893	77.012		
		45	74.507	74.748		
		52	77.165	77.992		
106T		53	76.922	76.904		
		57	71.043	74.607		
		60	76.807	77.323		
242T		61	76.976	76.719		
		62	75.098	72.971		
		64	76.978	76.439		
484T		65	76.588	76.511		
		66	76.810	76.713		
SU		-	77.170	77.030		

Band	Tones	RU offset	Channel	Frequency (MHz)	99 % bandwidth (MHz)	
					Ant.1	Ant.2
U-NII 2C	26T	0	Low	5 530	78.271	78.515
			High	5 610	76.772	77.924
		18	Low	5 530	75.218	74.478
			High	5 610	75.283	74.962
		36	Low	5 530	78.470	77.817
			High	5 610	78.172	78.385
	52T	37	Low	5 530	77.840	77.726
			High	5 610	77.898	77.743
		45	Low	5 530	75.023	75.028
			High	5 610	74.594	74.892
		52	Low	5 530	77.380	77.731
			High	5 610	77.551	77.593
	106T	53	Low	5 530	76.869	77.248
			High	5 610	76.992	77.409
		57	Low	5 530	74.435	74.979
			High	5 610	75.037	75.064
		60	Low	5 530	77.288	77.146
			High	5 610	77.024	77.313
	242T	61	Low	5 530	76.594	77.138
			High	5 610	76.617	76.761
		62	Low	5 530	73.171	74.741
			High	5 610	75.084	74.539
		64	Low	5 530	76.896	76.912
			High	5 610	76.822	76.952
484T	65	Low	5 530	76.829	76.304	
		High	5 610	76.727	76.867	
	66	Low	5 530	76.718	76.650	
		High	5 610	76.549	76.713	
SU	-	Low	5 530	77.184	77.085	
		High	5 610	77.149	77.178	
U-NII 3	26T	0	Middle	5 775	78.036	78.445
		18			74.424	75.212
		36			78.437	78.249
	52T	37			77.144	77.570
		45			74.546	74.462
		52			77.823	77.780
	106T	53			77.242	77.398
		57			74.616	74.579
		60			77.429	77.255
	242T	61			77.068	77.163
		62			73.007	75.039
		64			76.912	76.581
	484T	65			76.837	76.982
		66			76.256	76.750
	SU	-			77.177	77.248

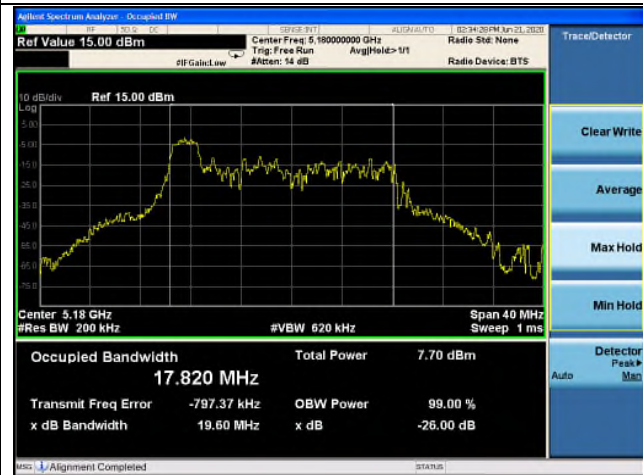
- Test plots

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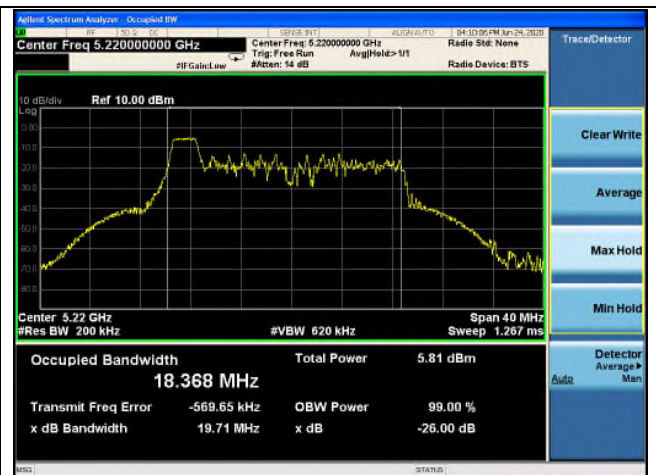
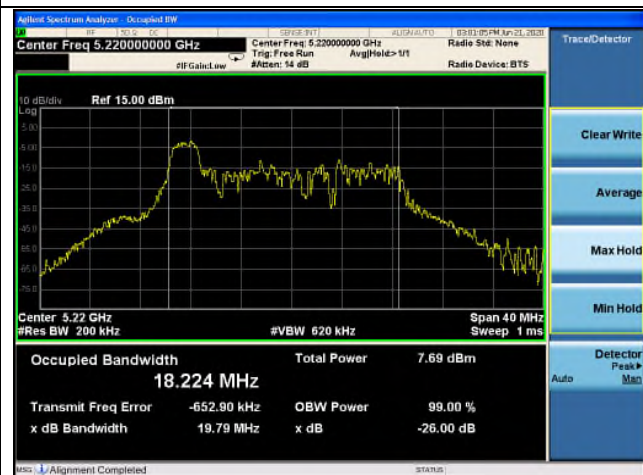
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Ant.2

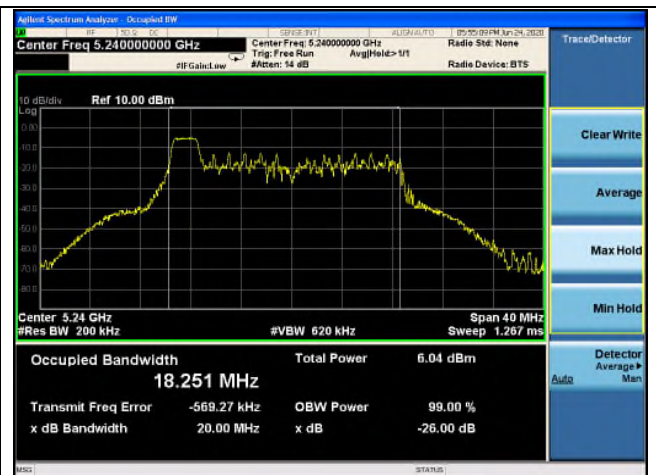
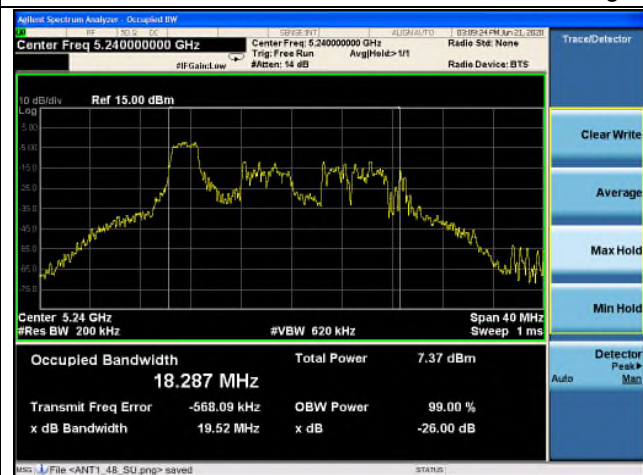
Low channel



Middle channel



High channel

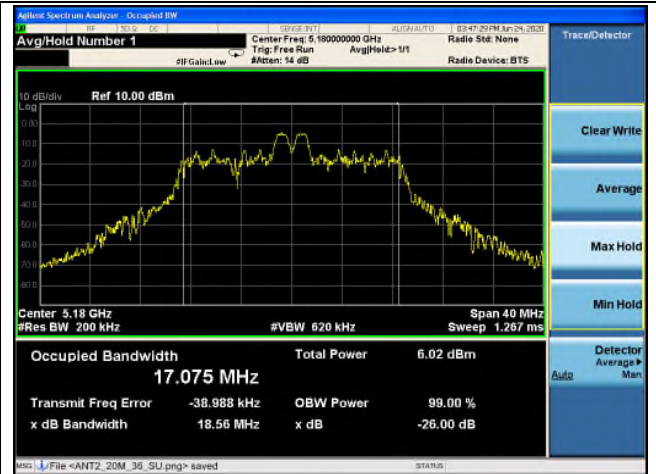
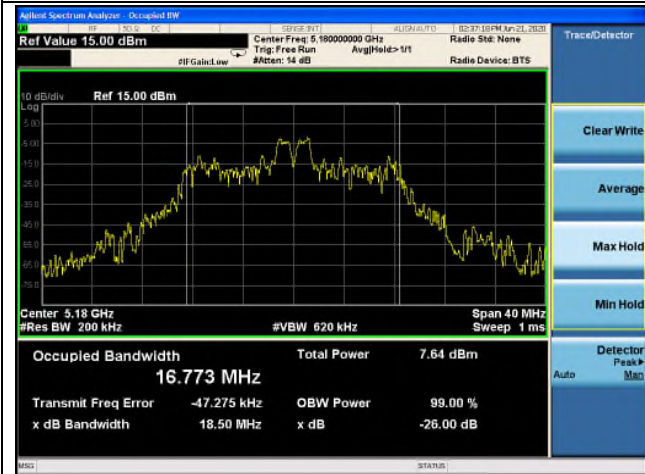


802.11ax_HE20 Band 1_26T_4 RU

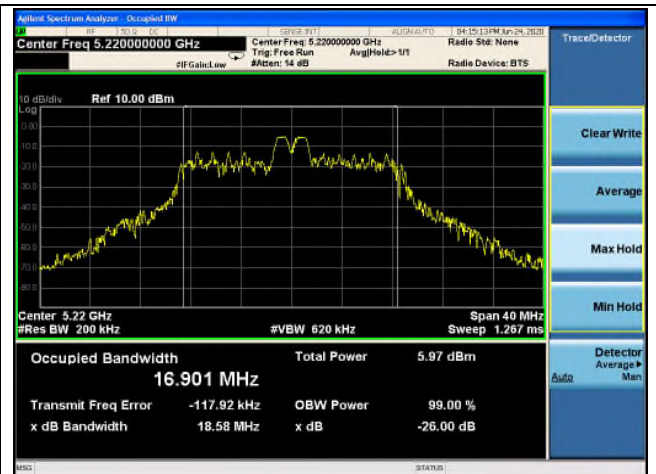
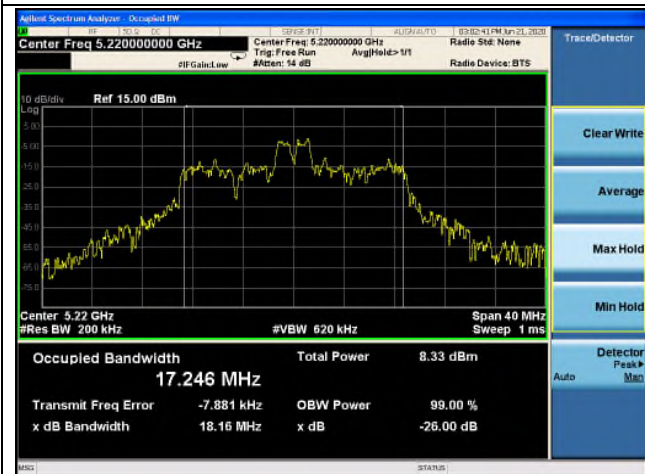
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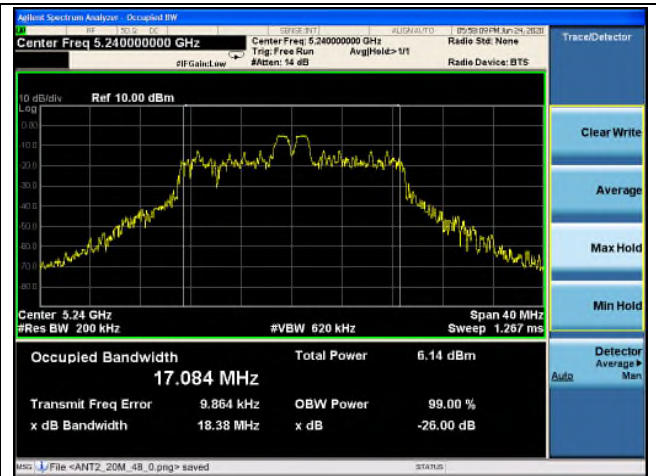
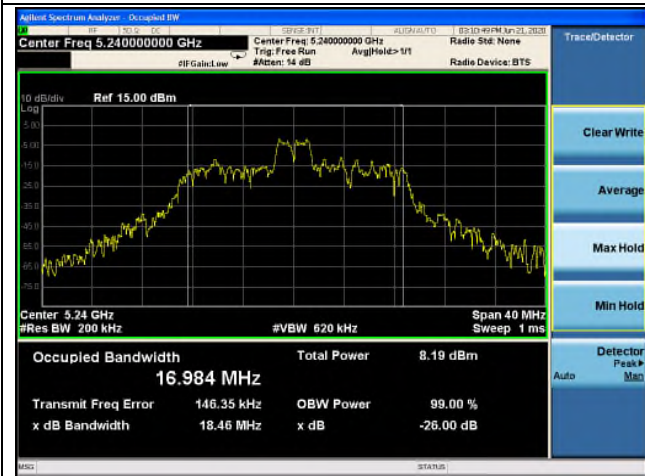
Low channel



Middle channel



High channel

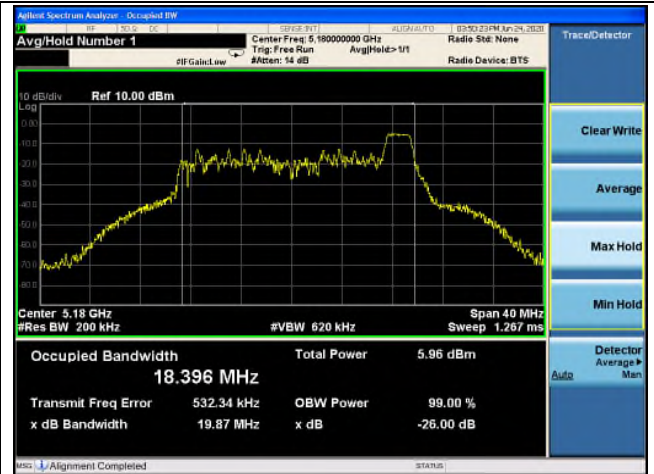
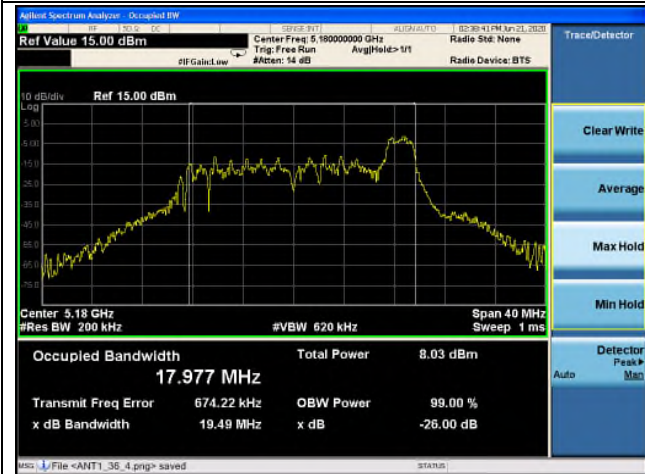


802.11ax_HE20 Band 1_26T_8 RU

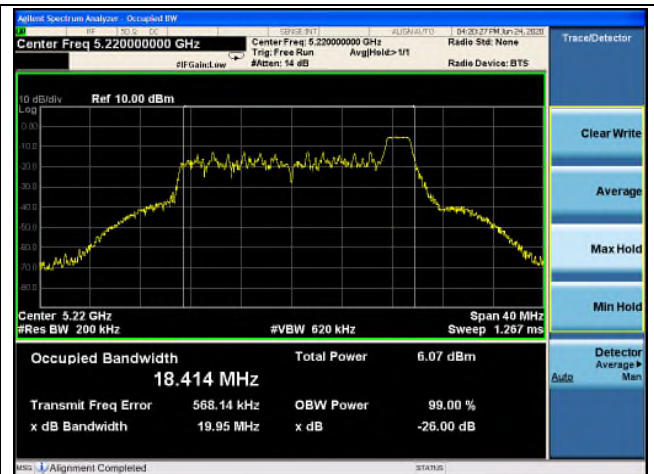
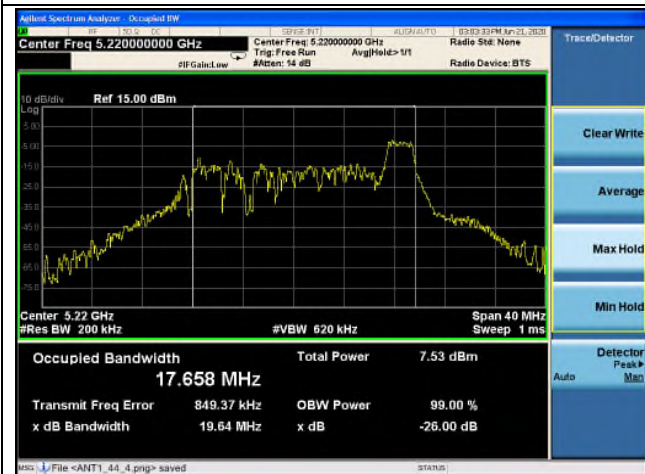
Ant.1

Ant.2

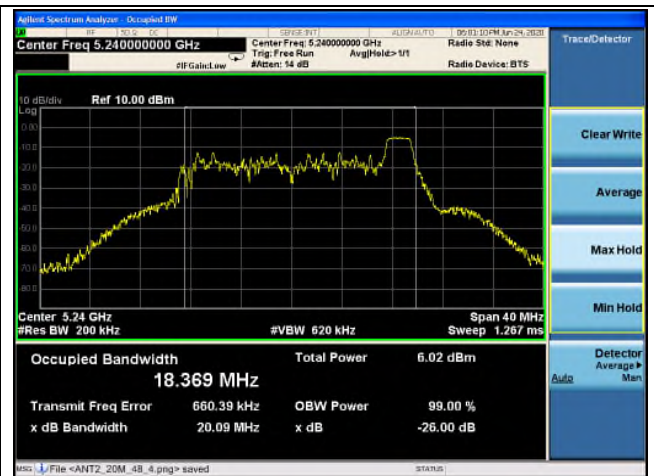
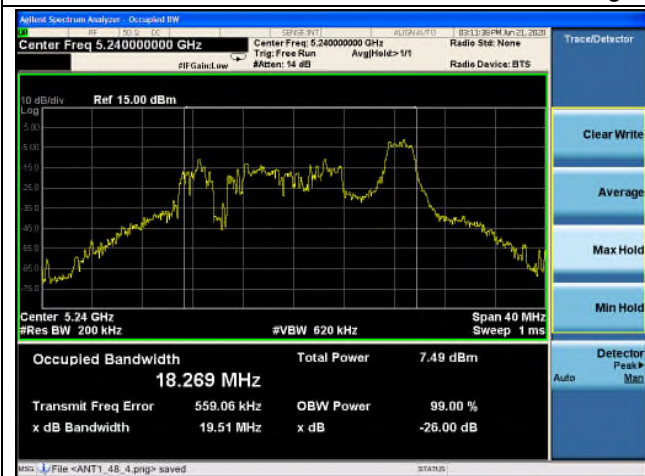
Low channel



Middle channel



High channel

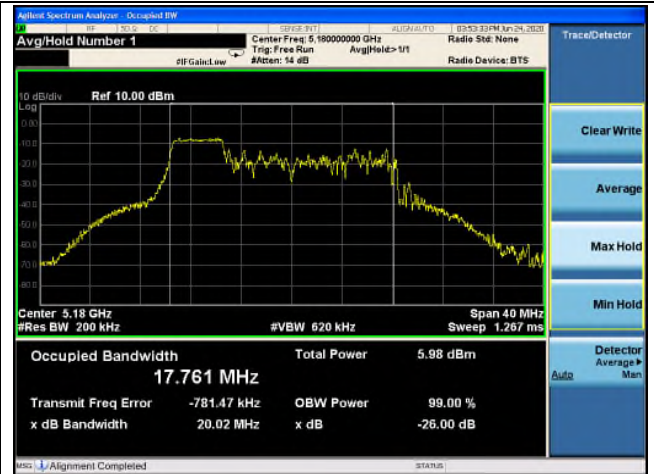
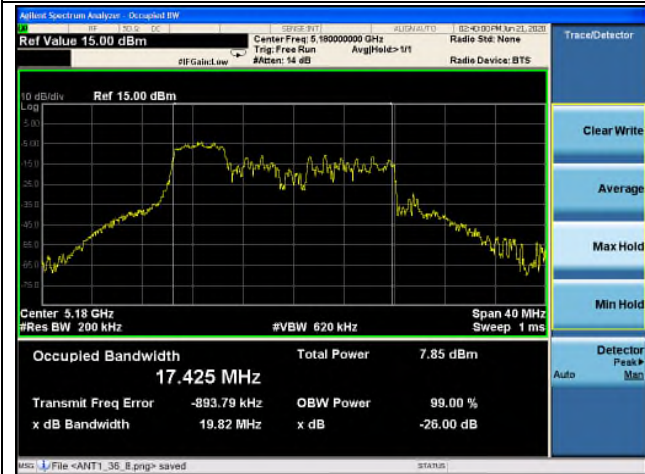


802.11ax_HE20 Band 1_52T_37 RU

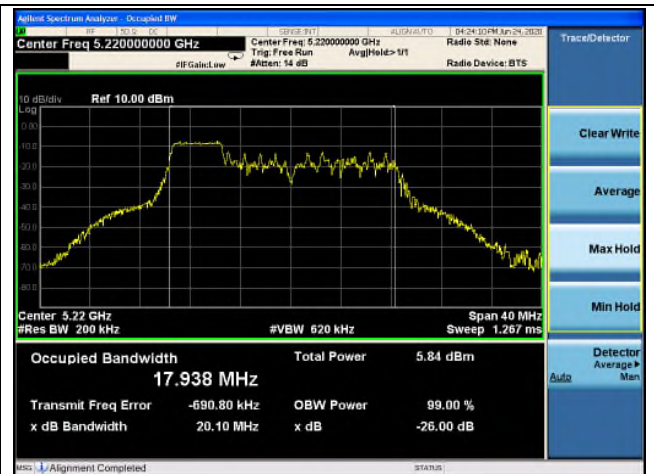
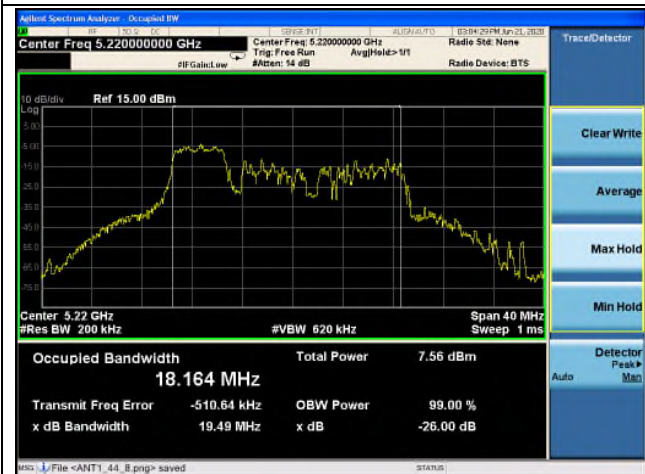
Ant.1

Ant.2

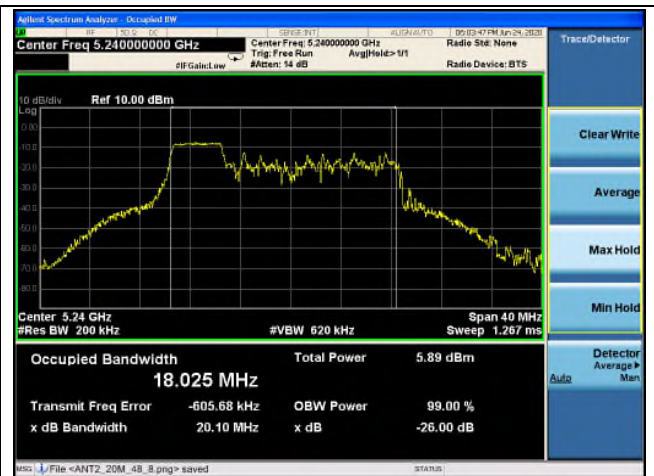
Low channel



Middle channel



High channel

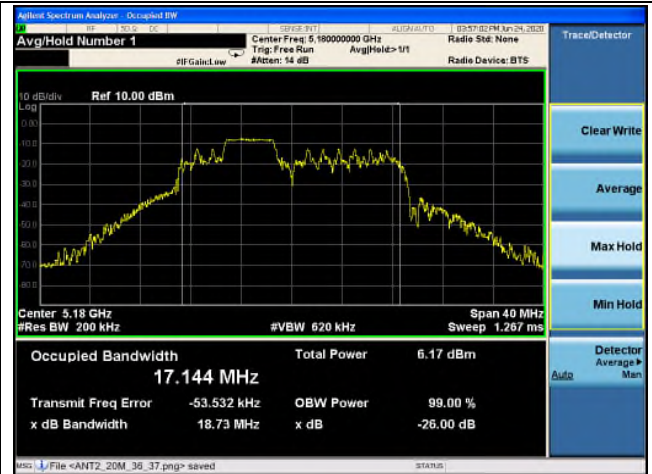
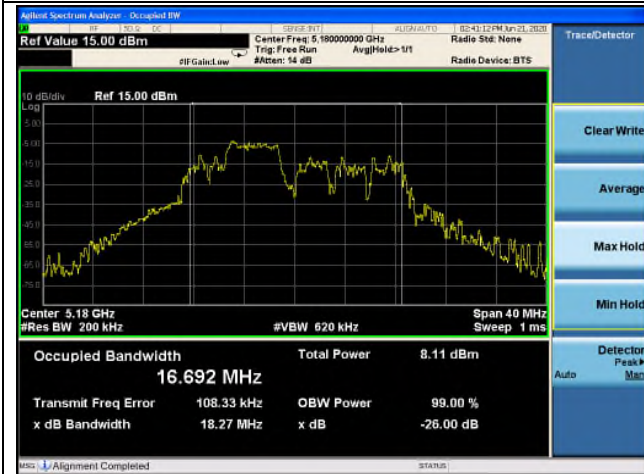


802.11ax_HE20 Band 1_52T_38 RU

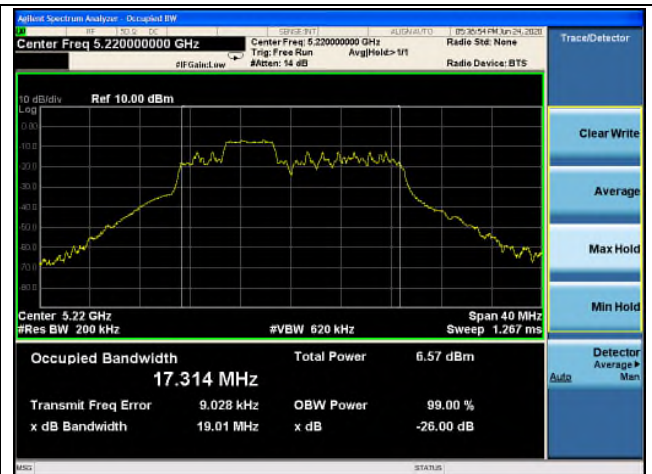
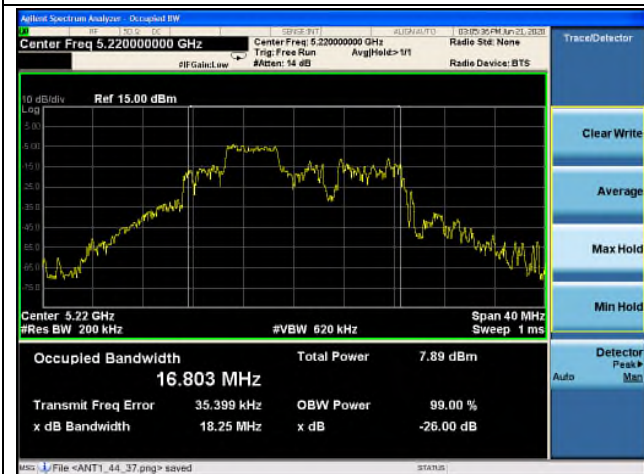
Ant.1

Ant.2

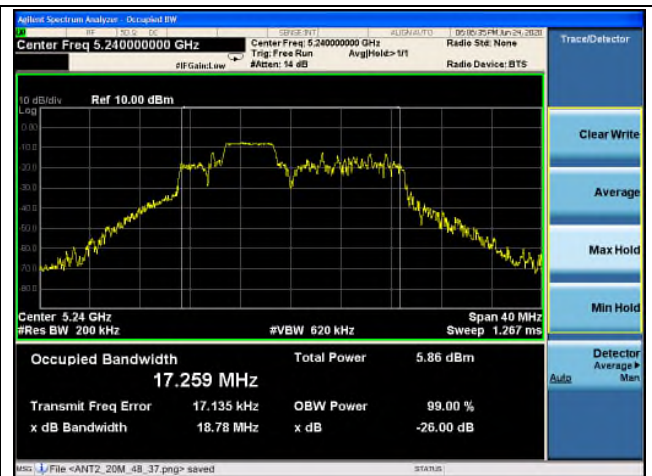
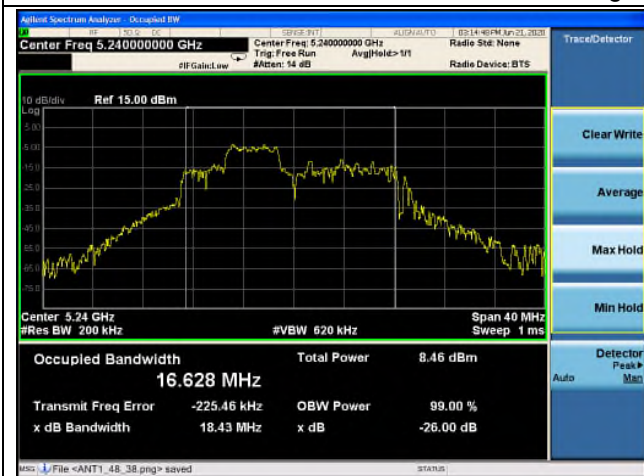
Low channel



Middle channel



High channel

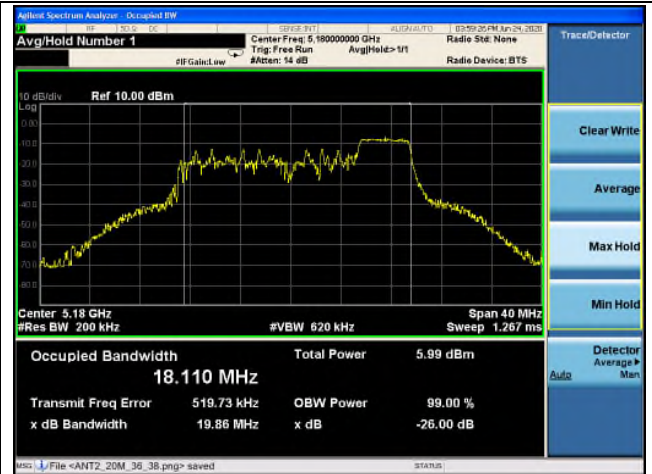
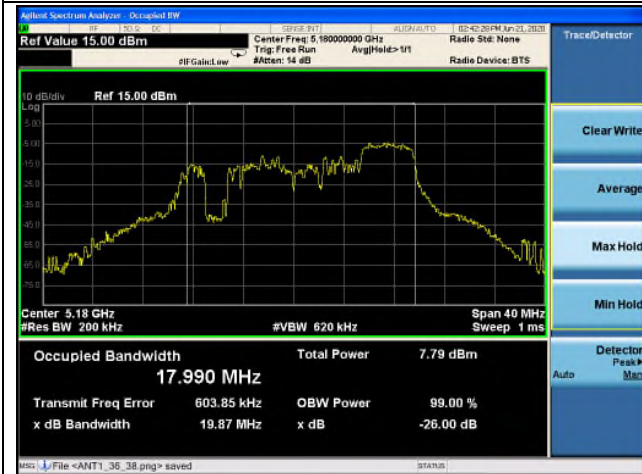


802.11ax_HE20 Band 1_52T_40 RU

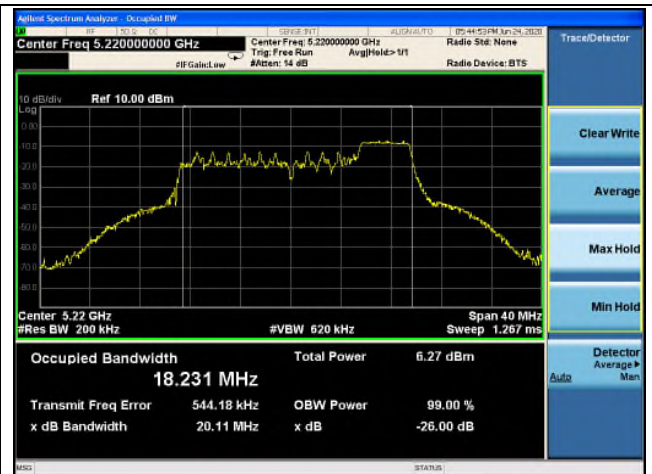
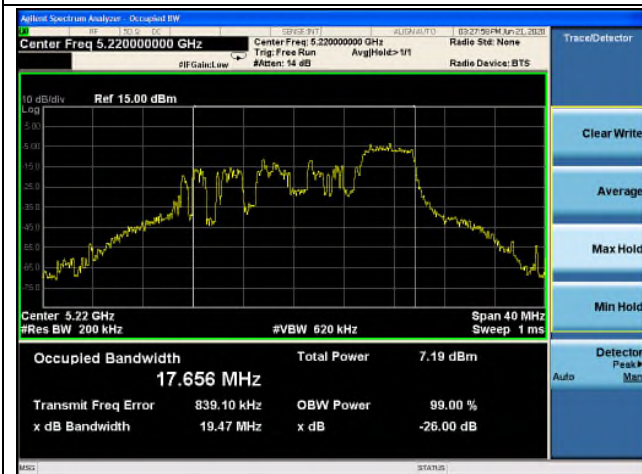
Ant.1

Ant.2

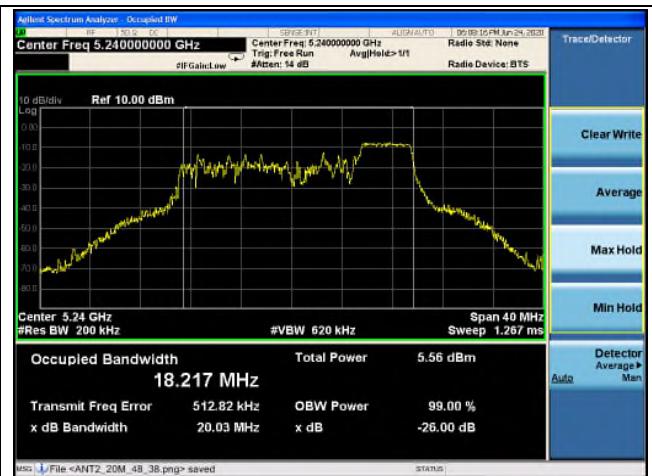
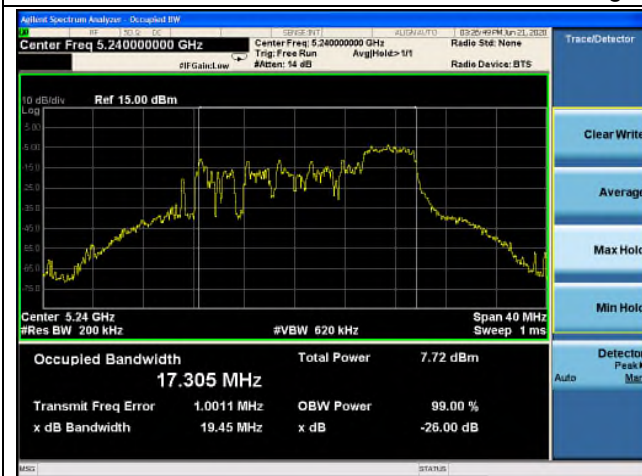
Low channel



Middle channel



High channel

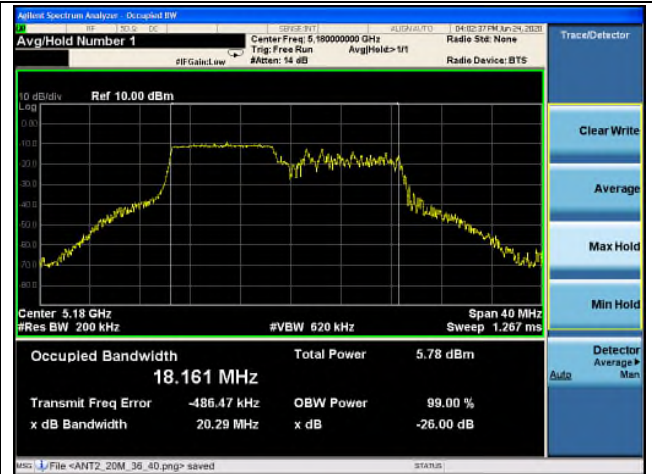
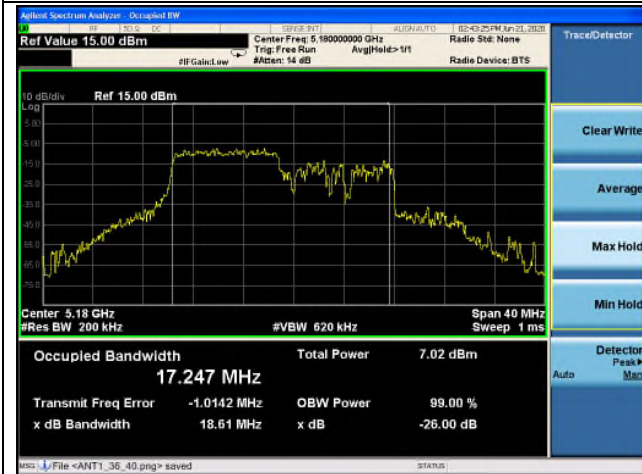


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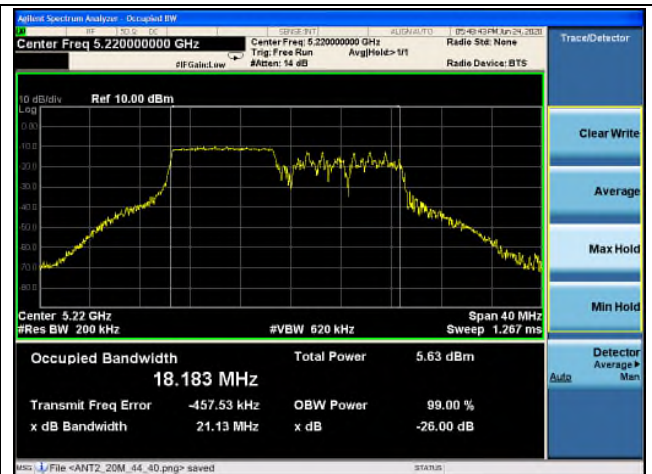
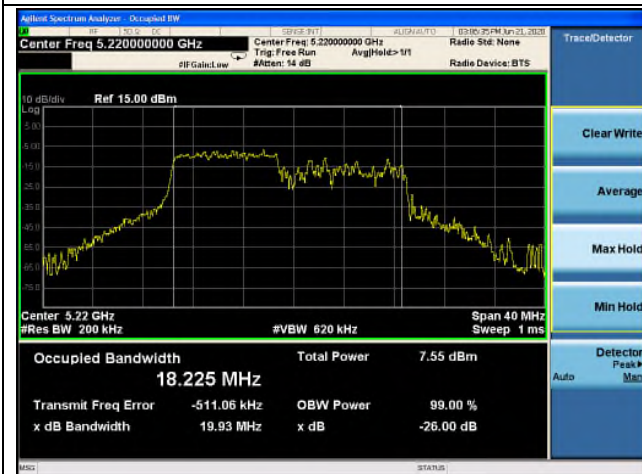
Ant.1

Ant.2

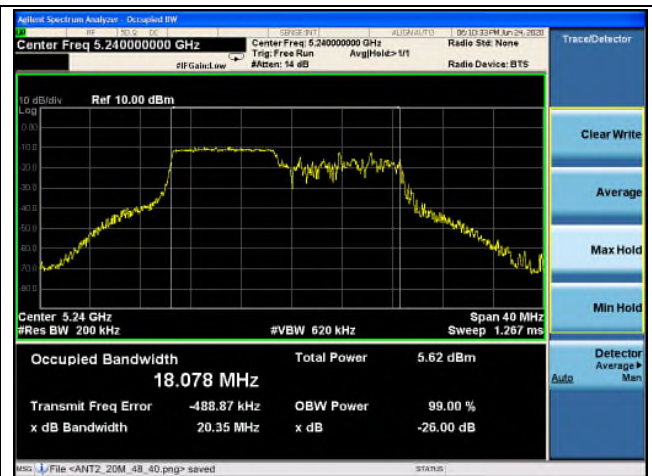
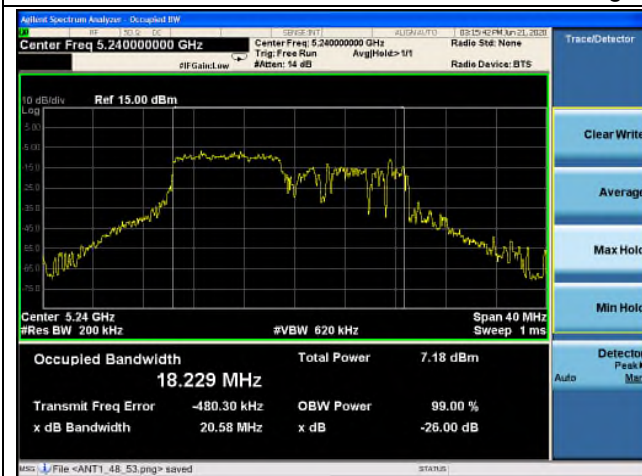
Low channel



Middle channel



High channel

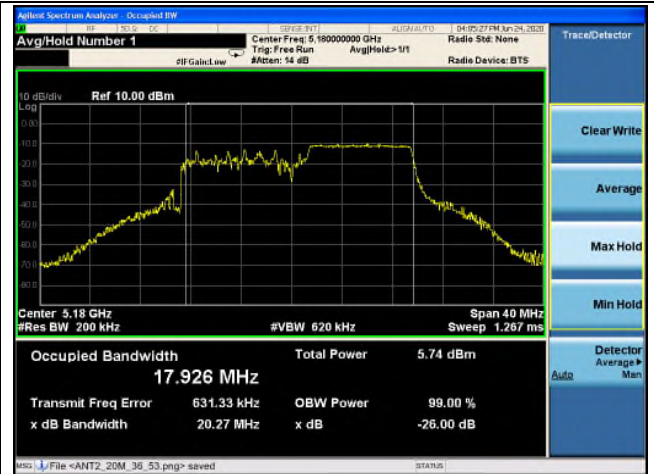
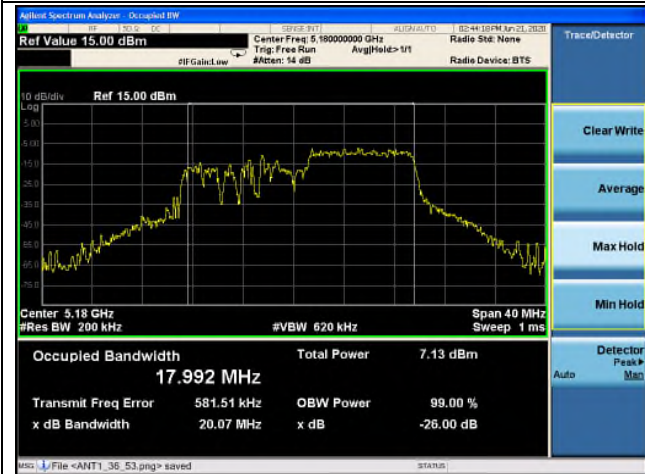


802.11ax_HE20 Band 1_106T_54 RU

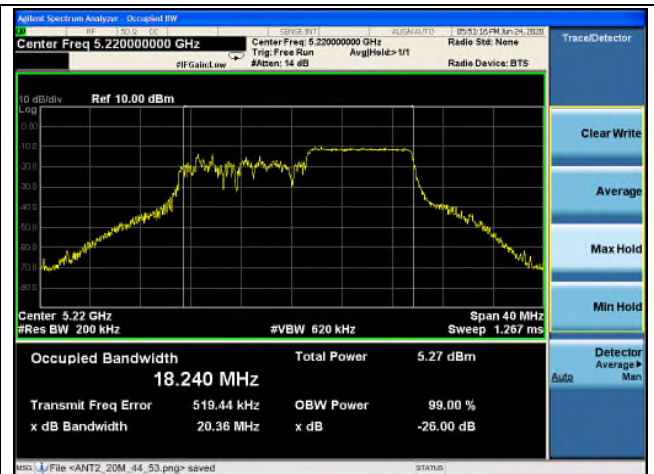
Ant.1

Ant.2

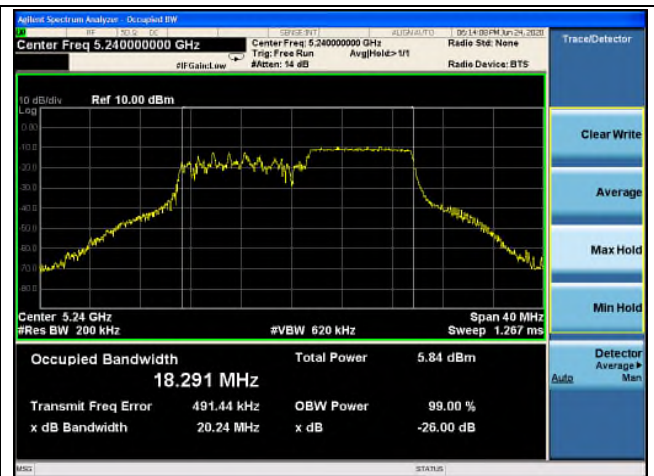
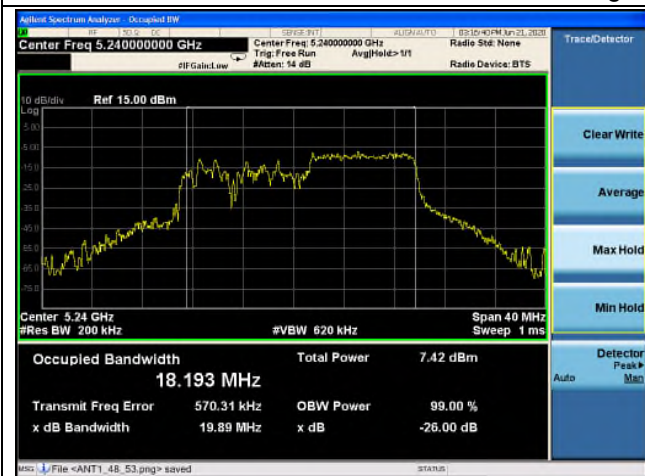
Low channel



Middle channel



High channel

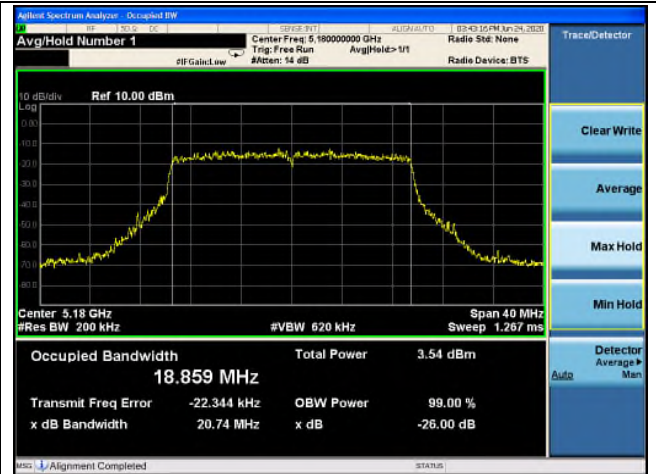
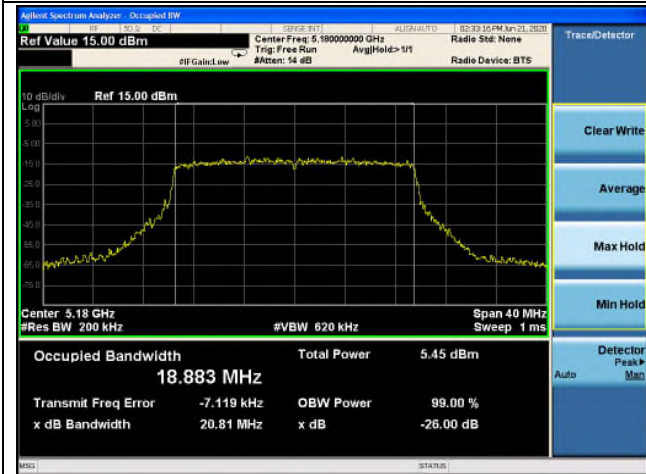


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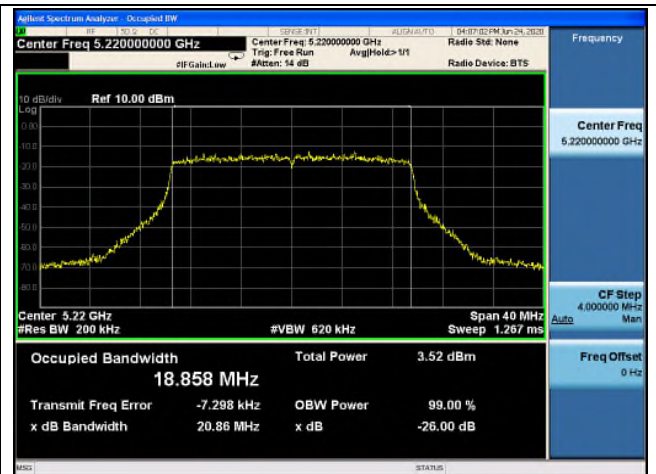
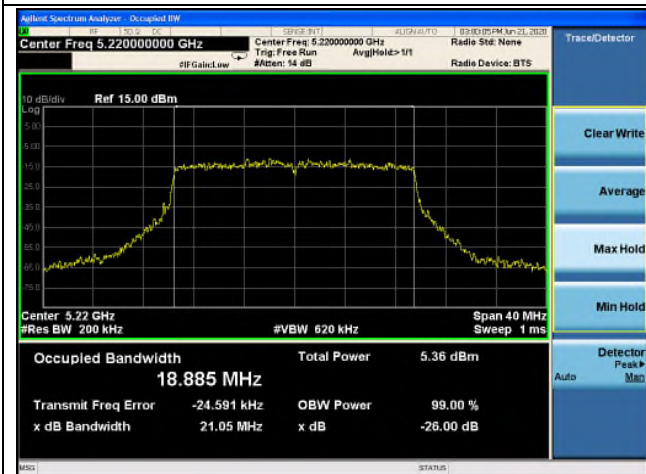
Ant.1

Ant.2

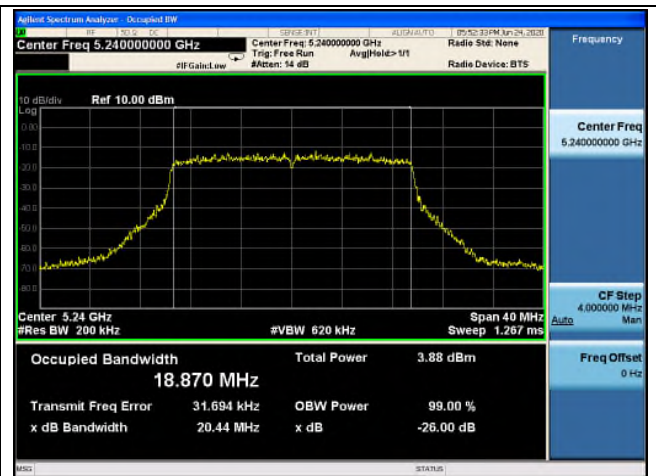
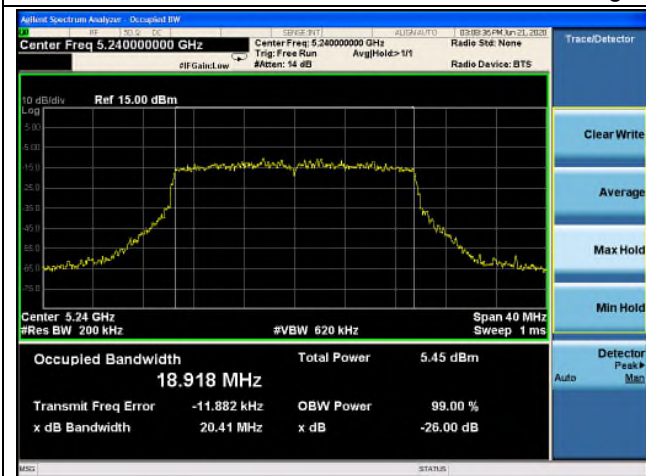
Low channel



Middle channel



High channel

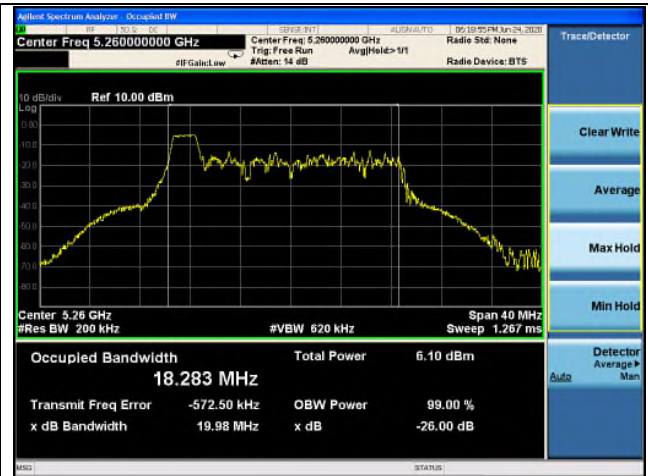
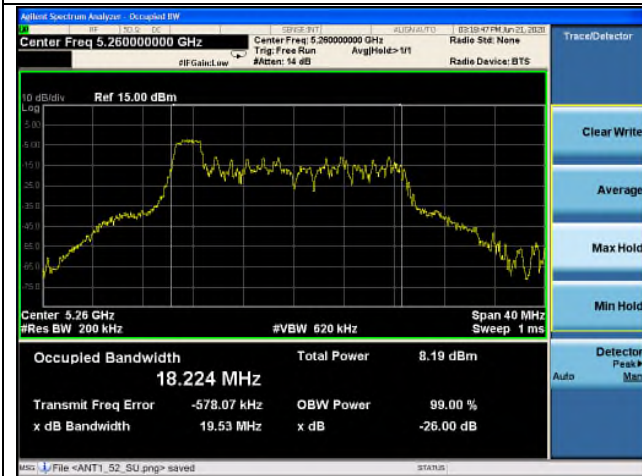


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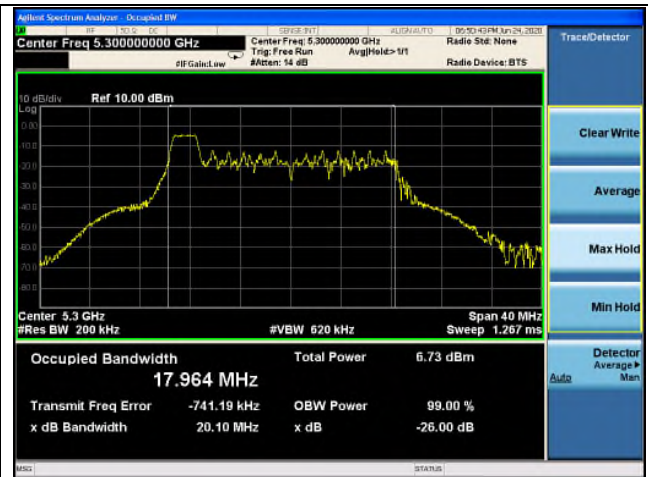
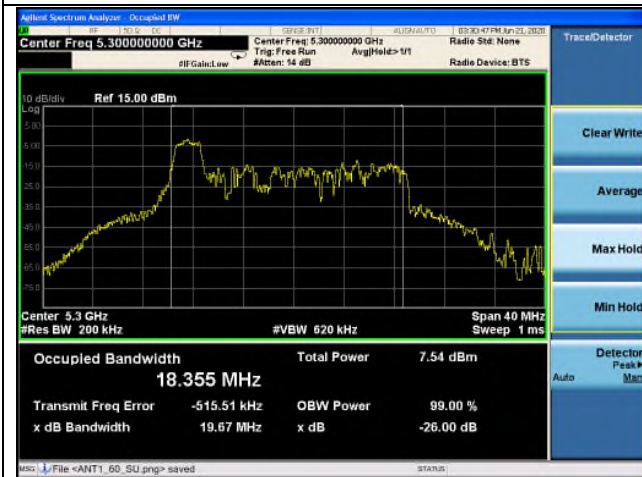
Ant.1

Ant.2

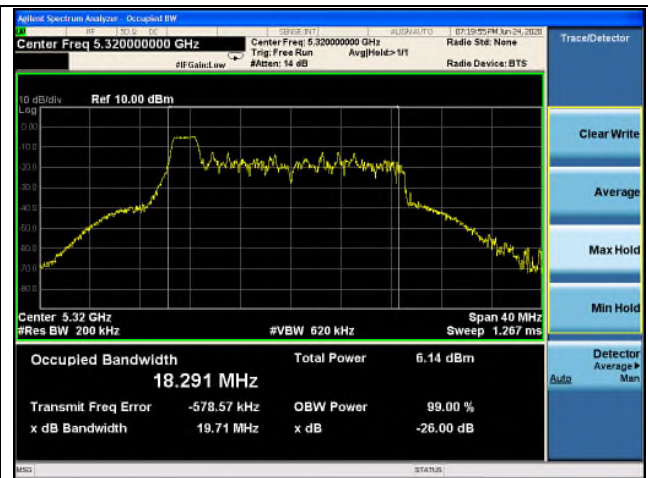
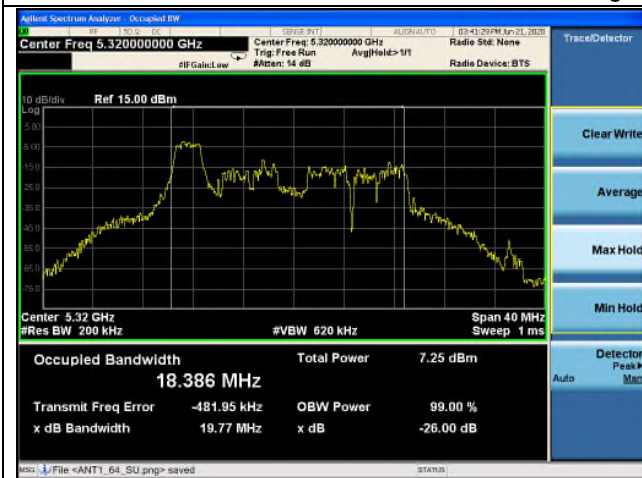
Low channel



Middle channel



High channel

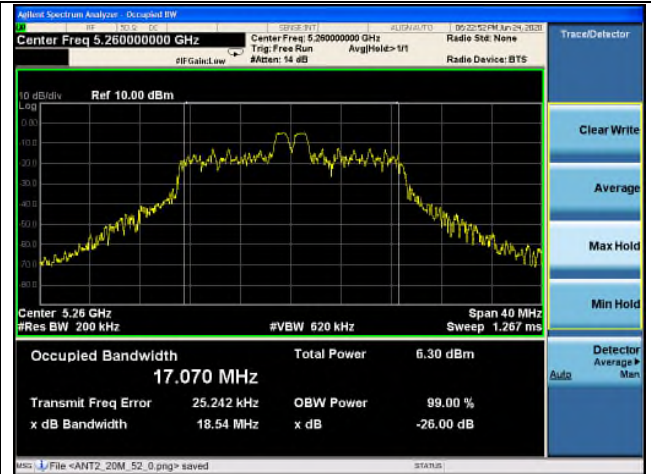
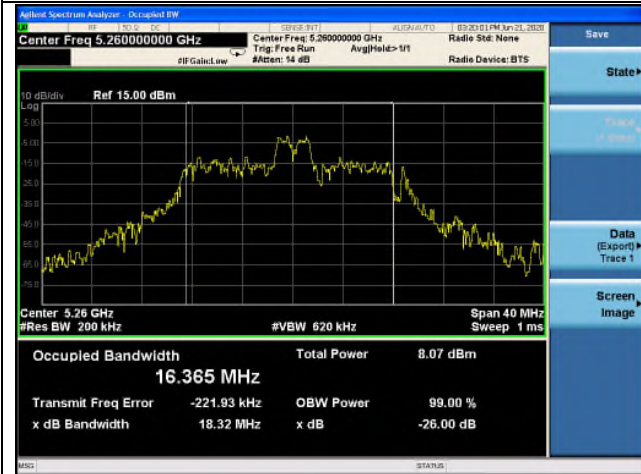


802.11ax_HE20 Band 2A_26T_4 RU

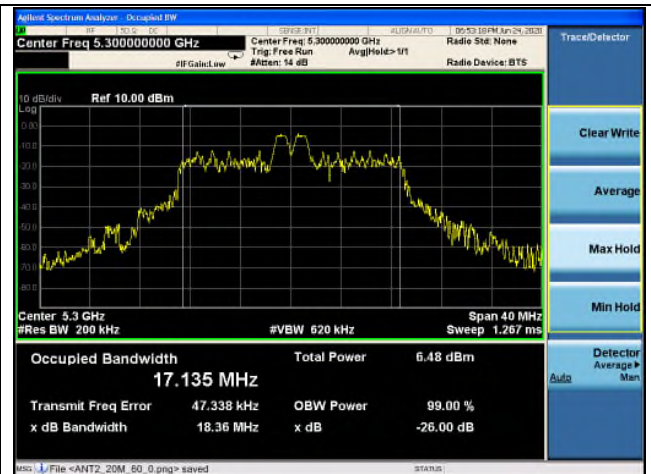
Ant.1

Ant.2

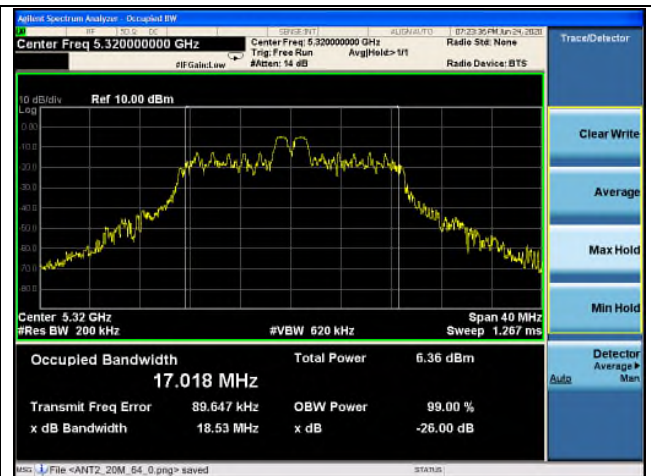
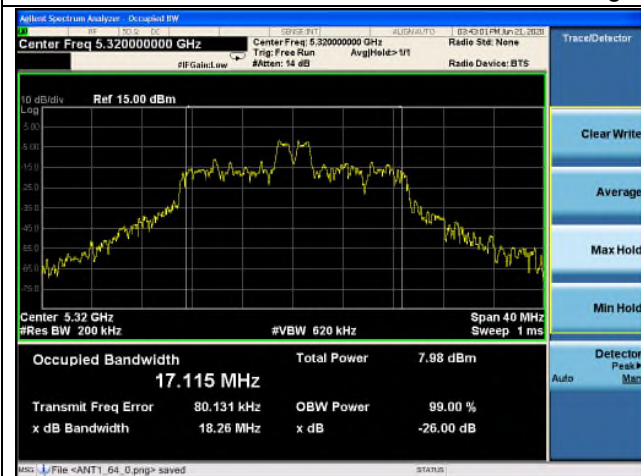
Low channel



Middle channel



High channel

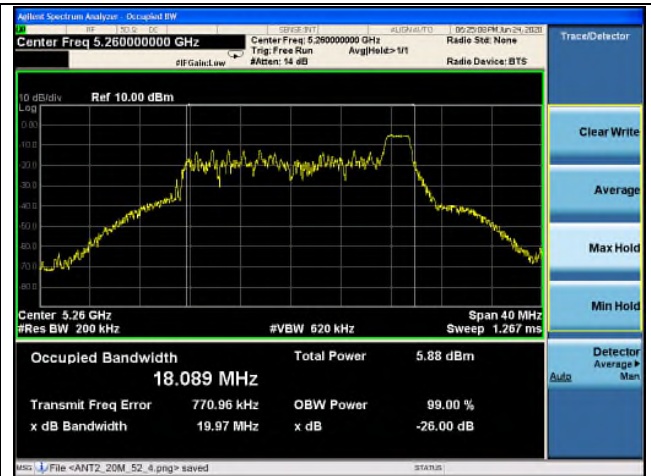
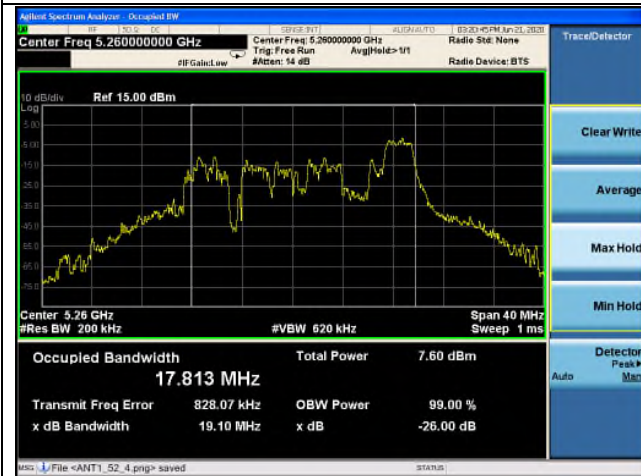


802.11ax_HE20 Band 2A_26T_8 RU

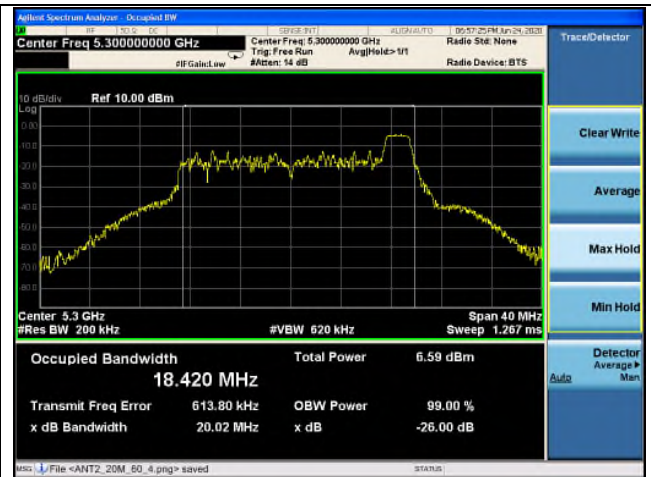
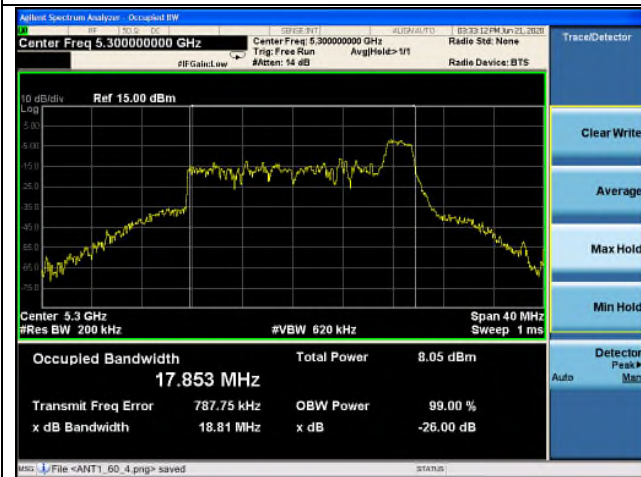
Ant.1

Ant.2

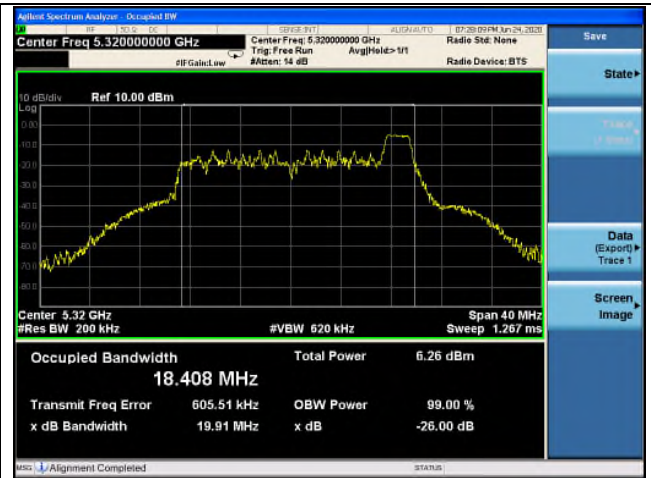
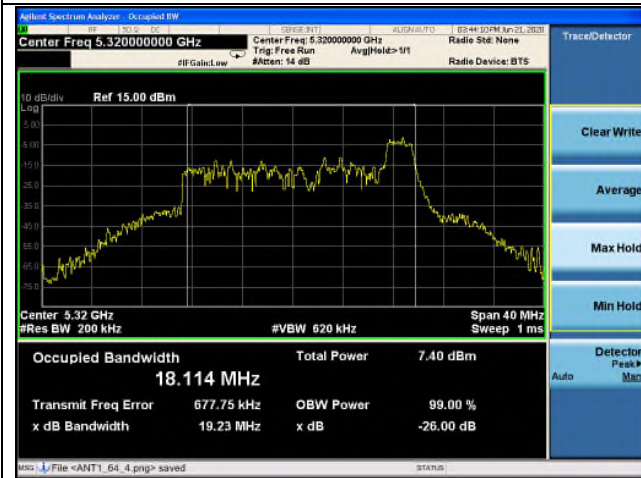
Low channel



Middle channel



High channel

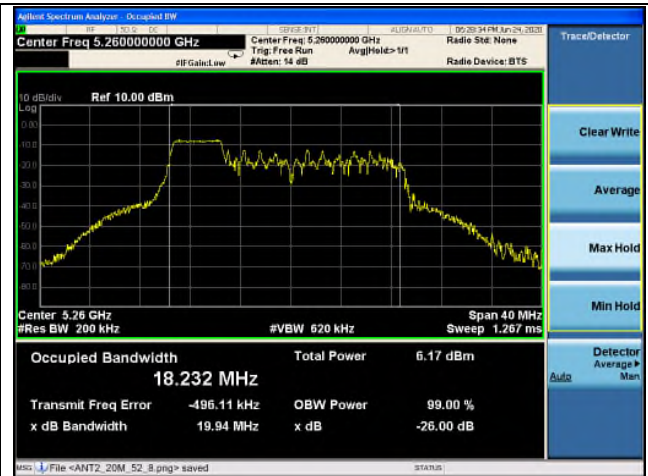
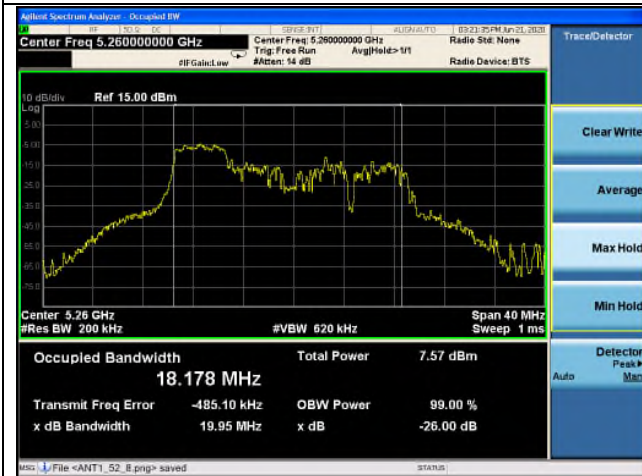


802.11ax_HE20 Band 2A_52T_37 RU

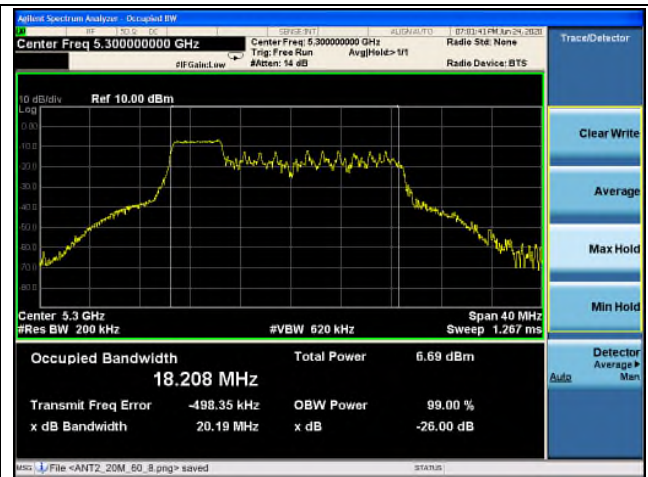
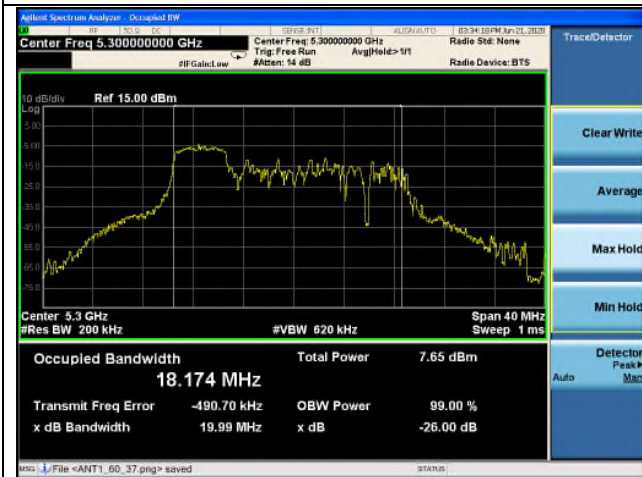
Ant.1

Ant.2

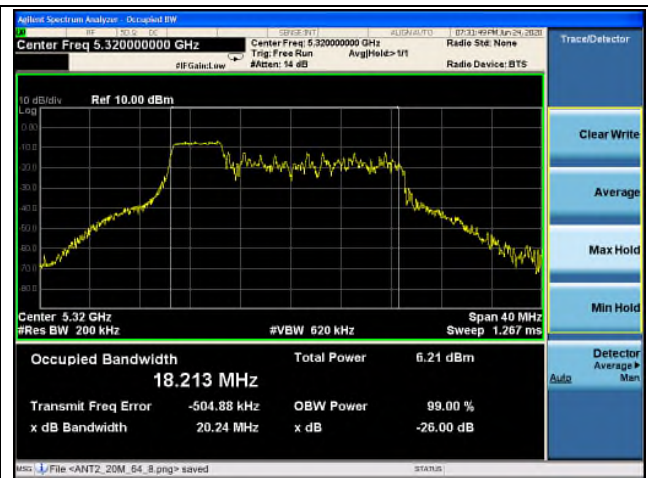
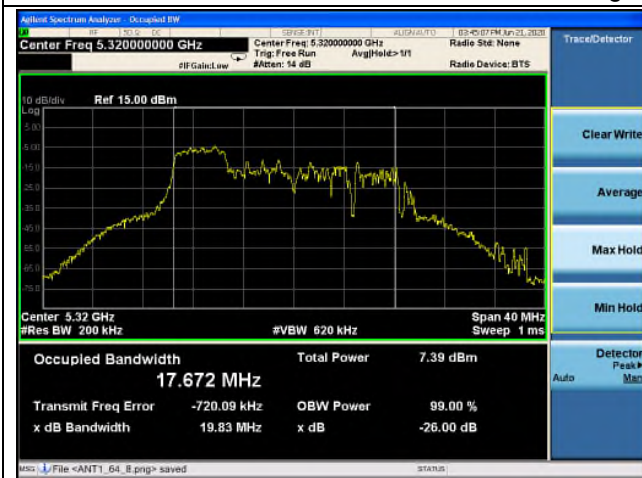
Low channel



Middle channel



High channel



802.11ax_HE20 Band 2A_52T_38 RU

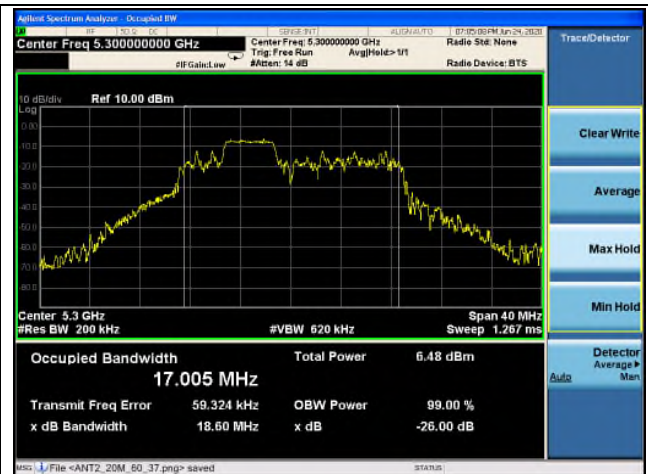
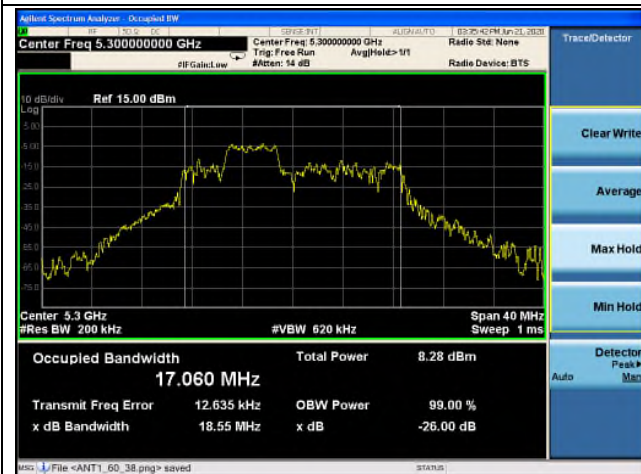
Ant.1

Ant.2

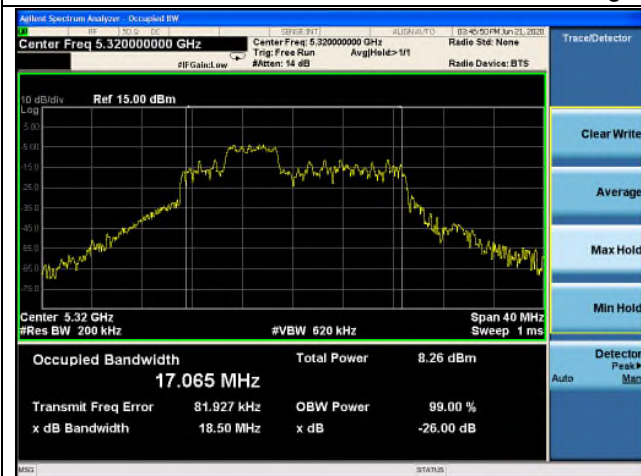
Low channel



Middle channel



High channel

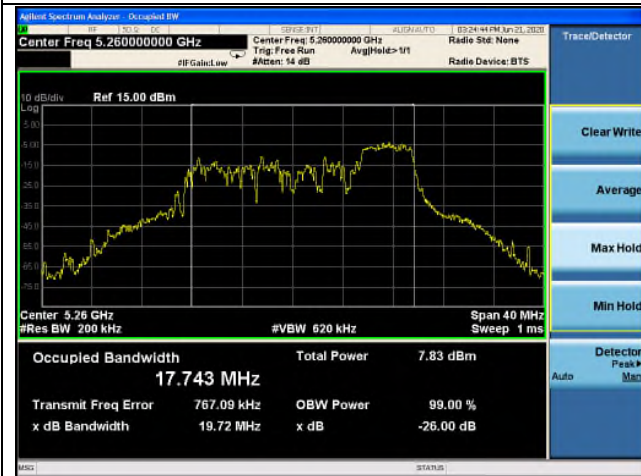


802.11ax_HE20 Band 2A_52T_40 RU

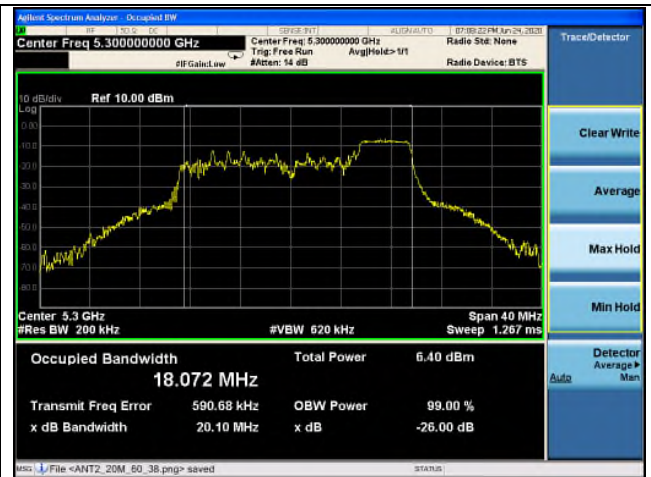
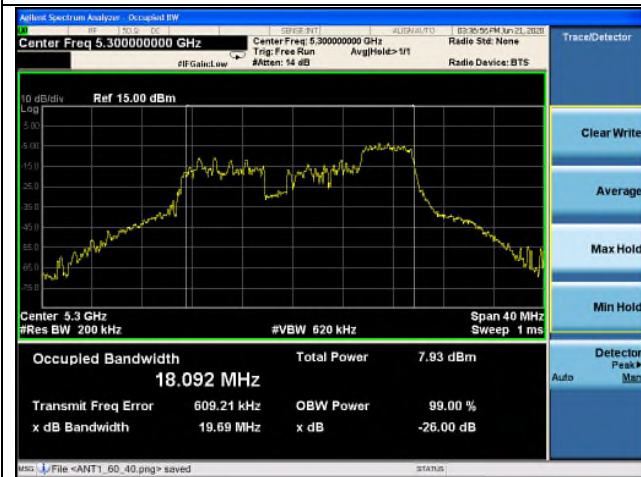
Ant.1

Ant.2

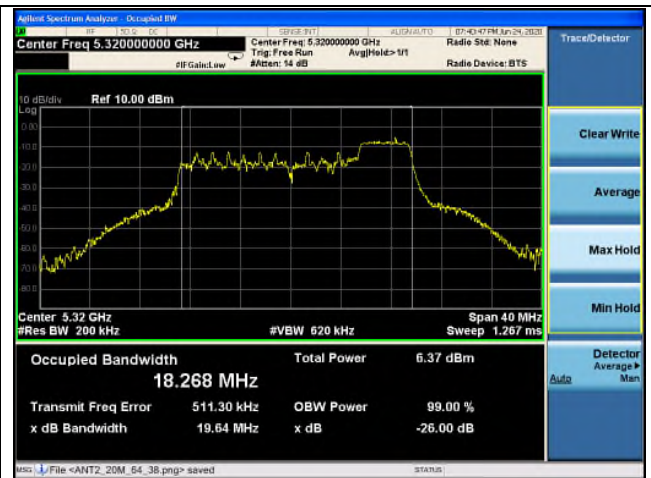
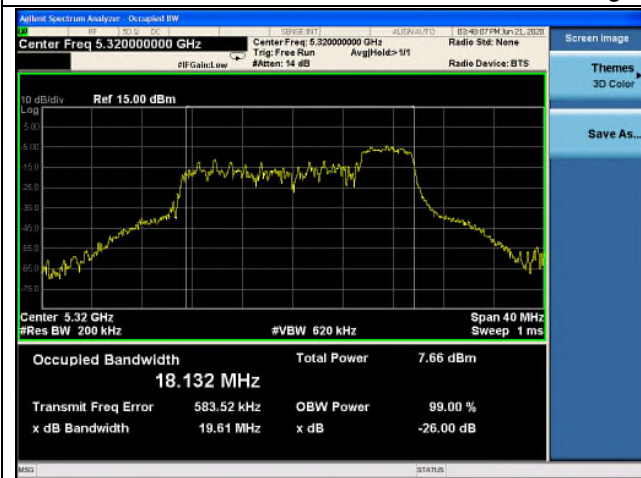
Low channel



Middle channel



High channel

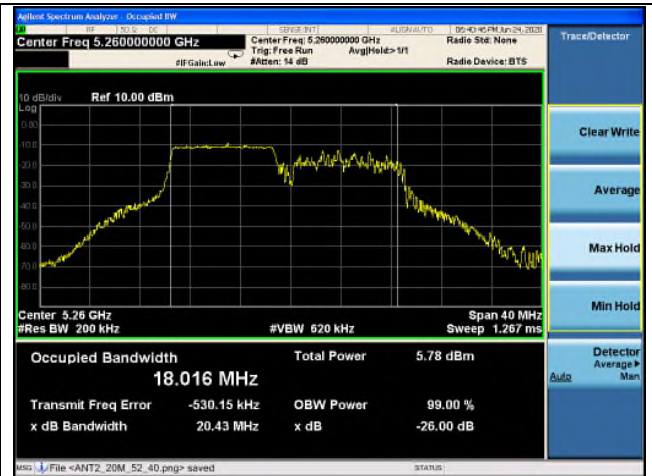
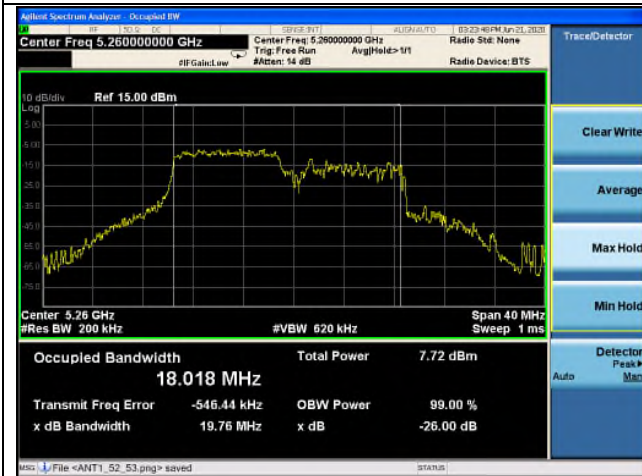


802.11ax_HE20 Band 2A_106T_53 RU

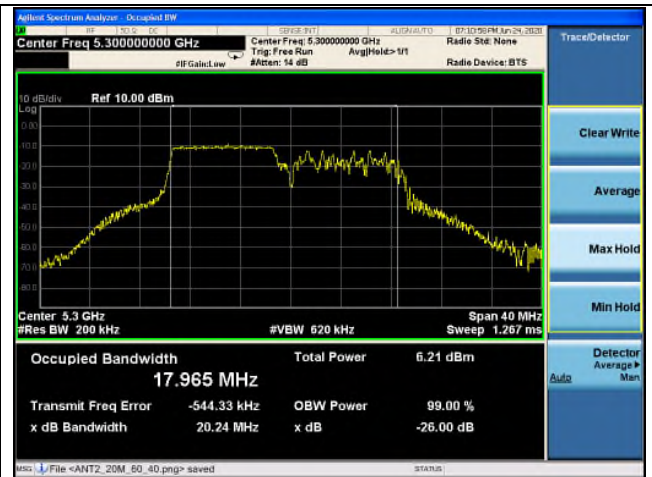
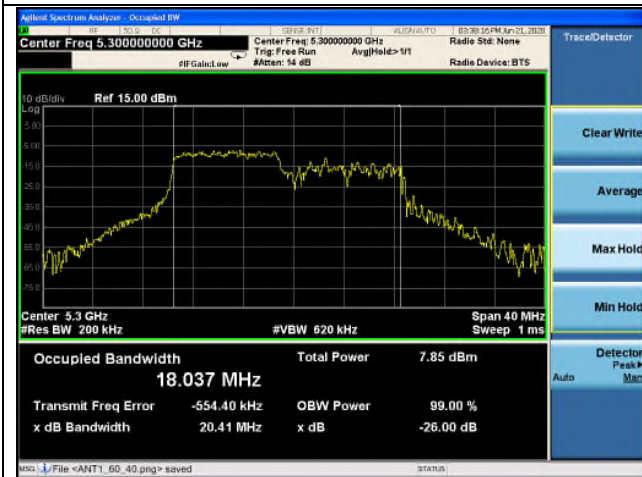
Ant.1

Ant.2

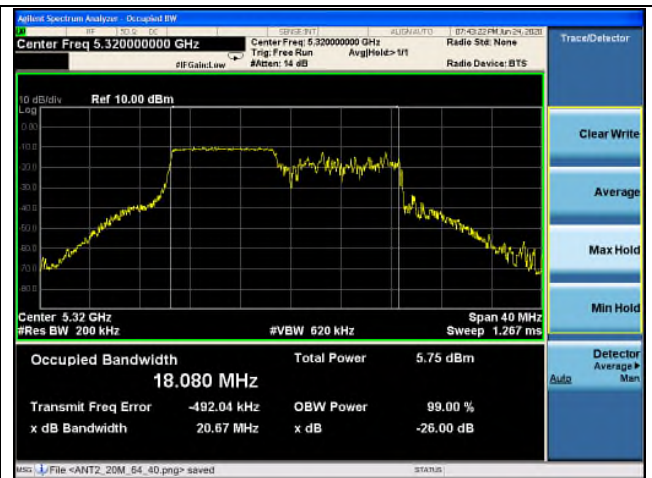
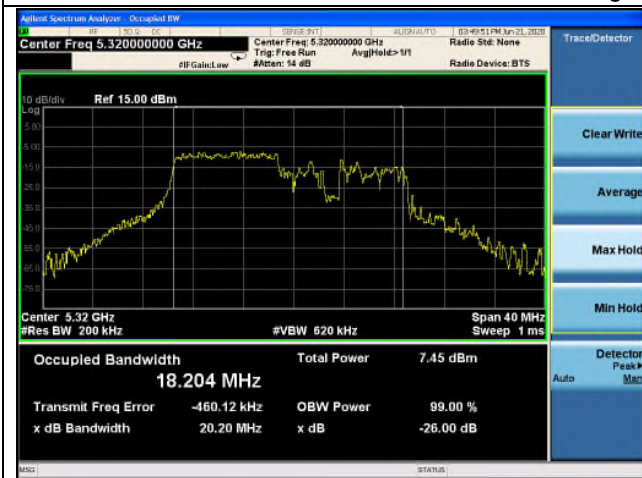
Low channel



Middle channel



High channel

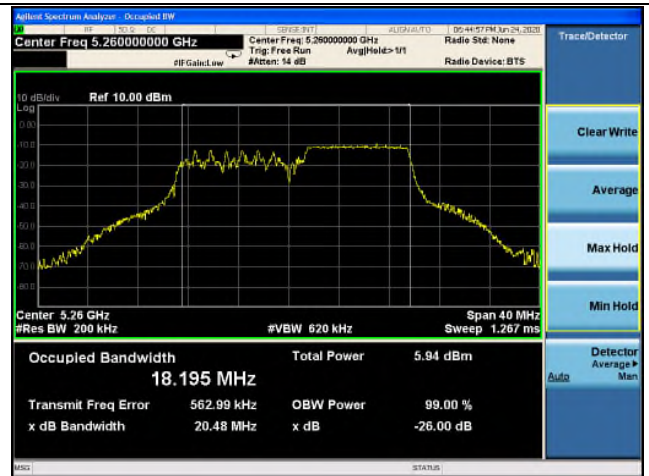
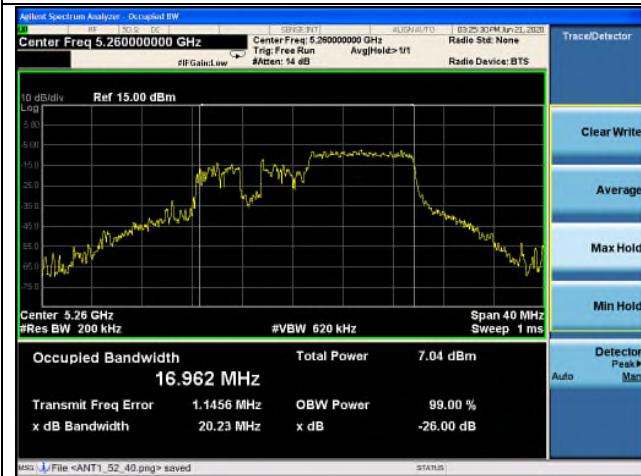


802.11ax_HE20 Band 2A_106T_54 RU

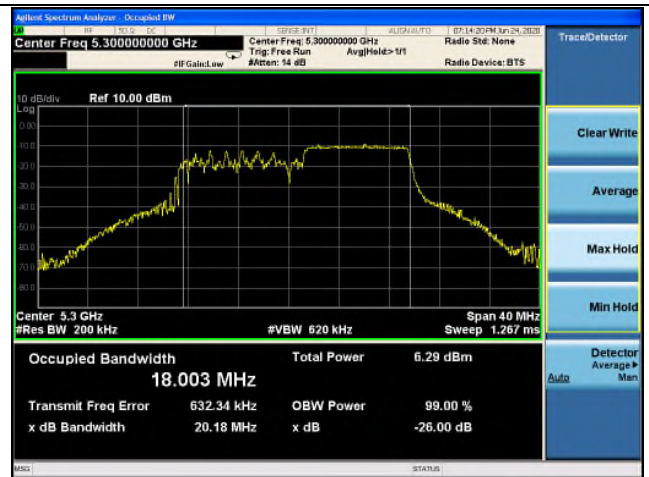
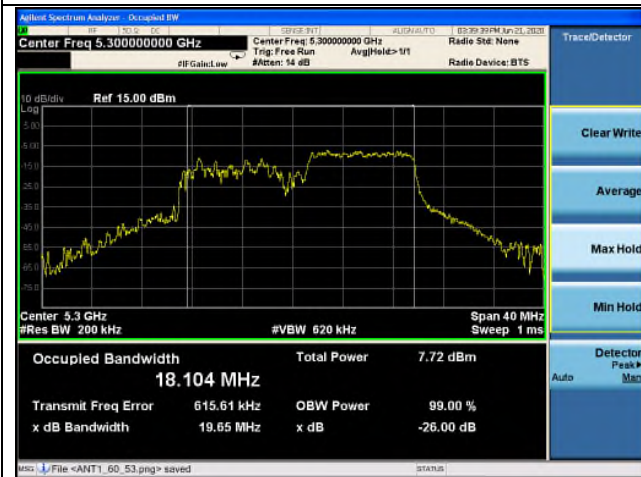
Ant.1

Ant.2

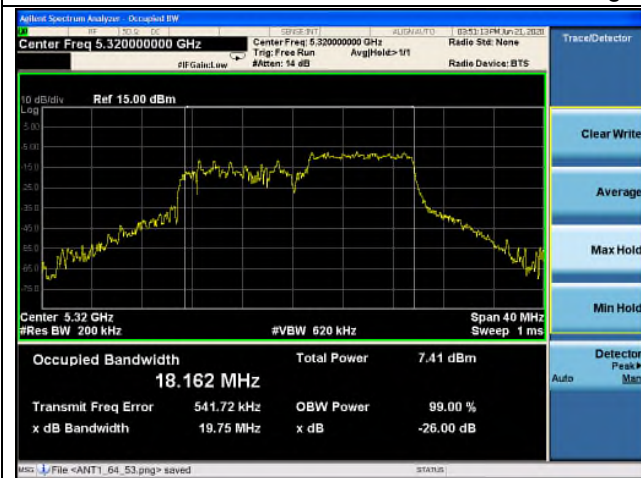
Low channel



Middle channel



High channel

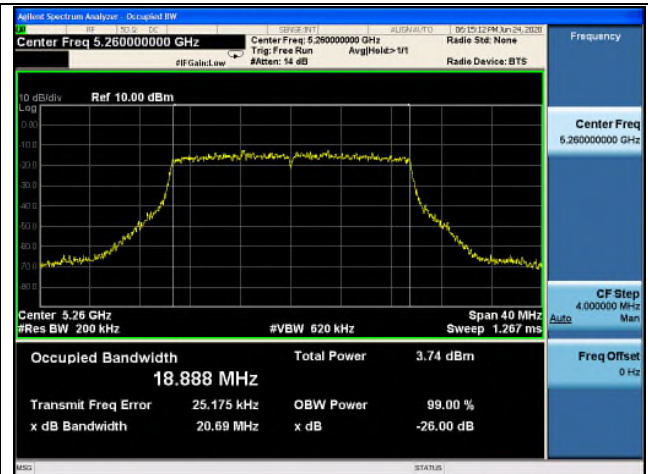
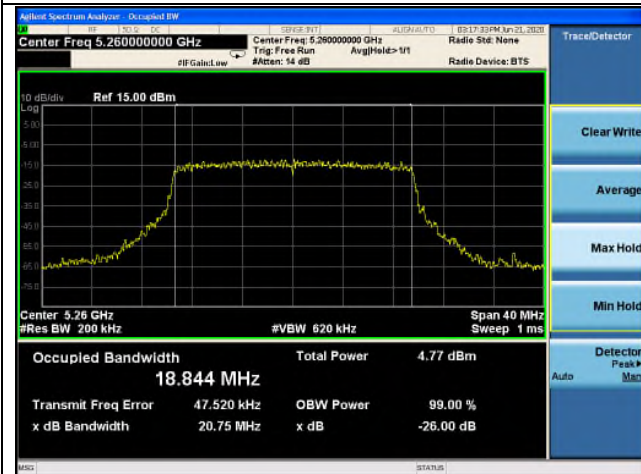


802.11ax_HE20 Band 2A_SU

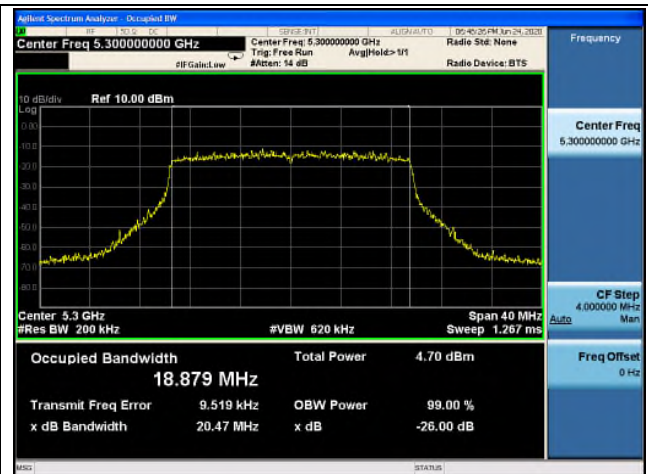
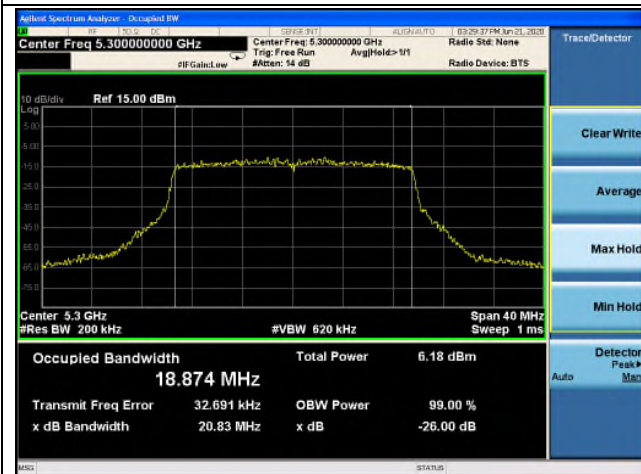
Ant.1

Ant.2

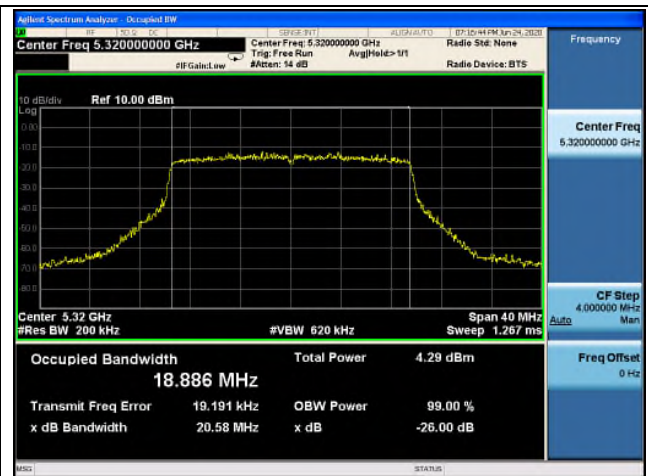
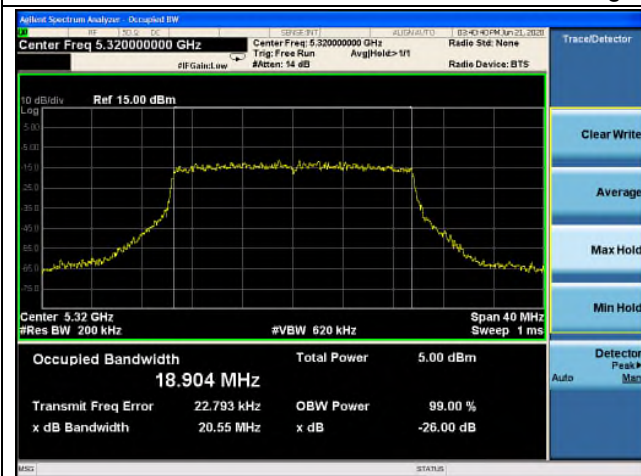
Low channel



Middle channel



High channel

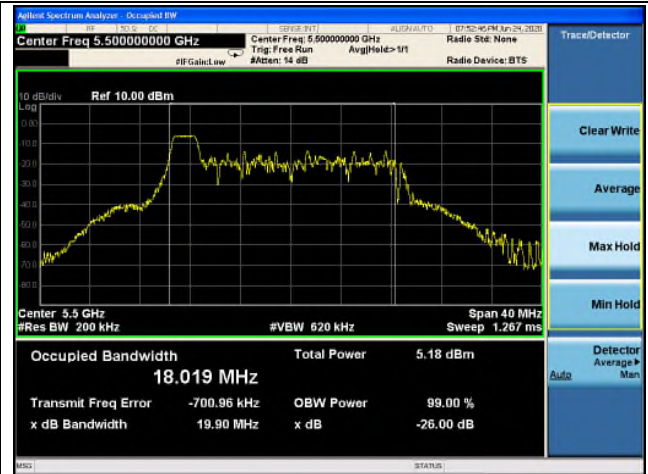
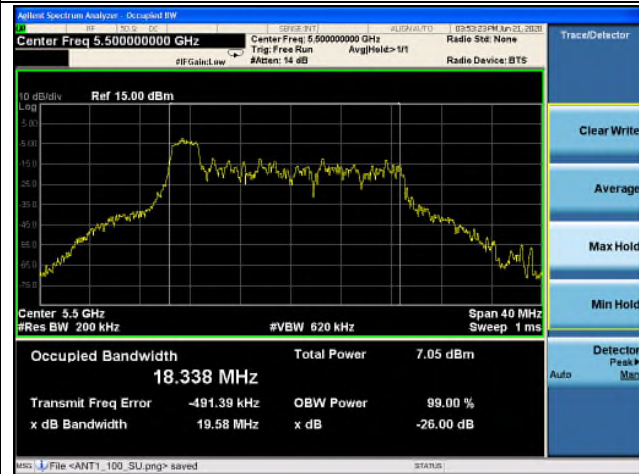


802.11ax_HE20 Band 2C_26T_0 RU

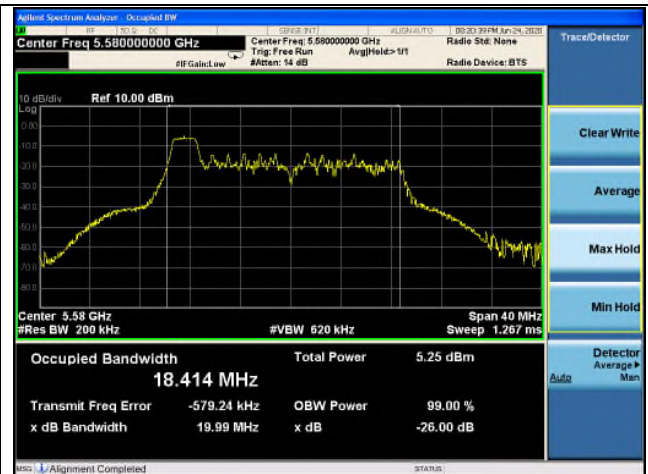
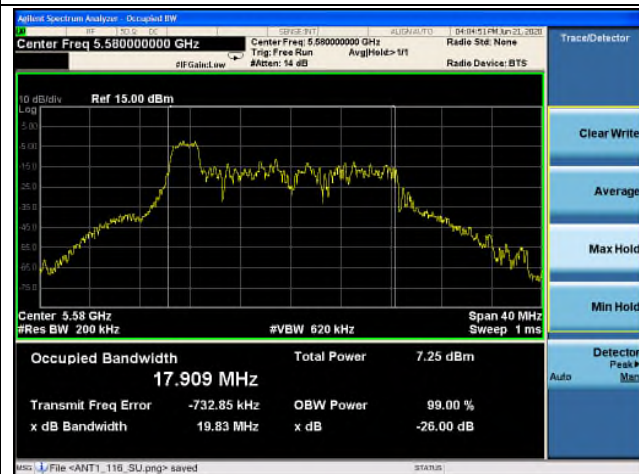
Ant.1

Ant.2

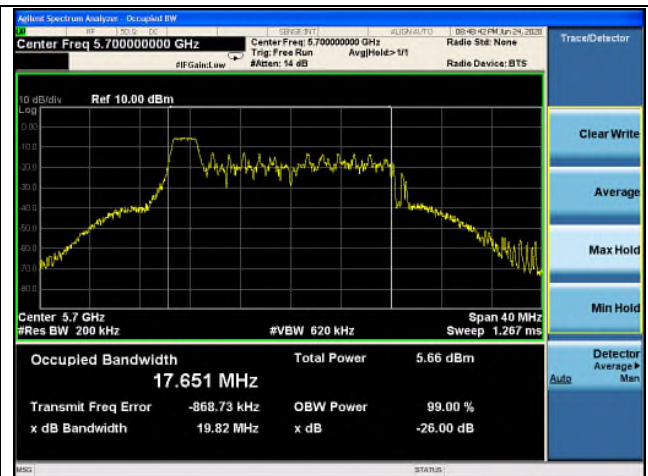
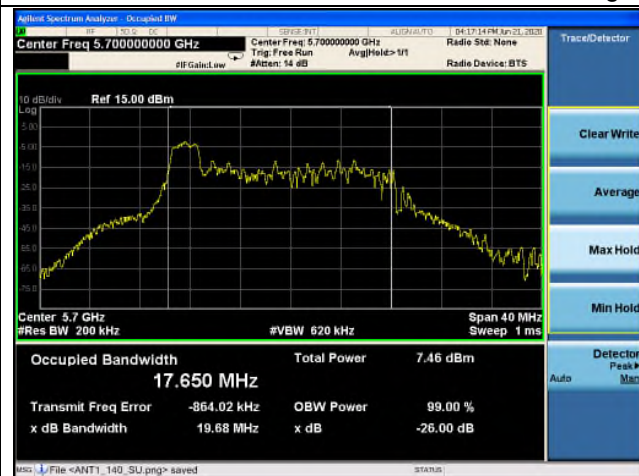
Low channel



Middle channel



High channel

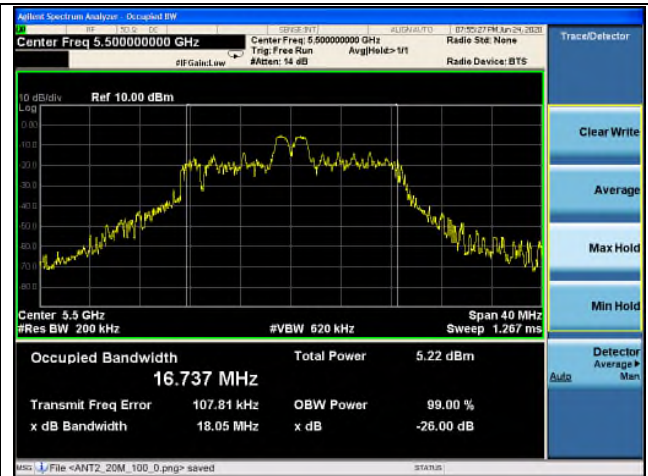
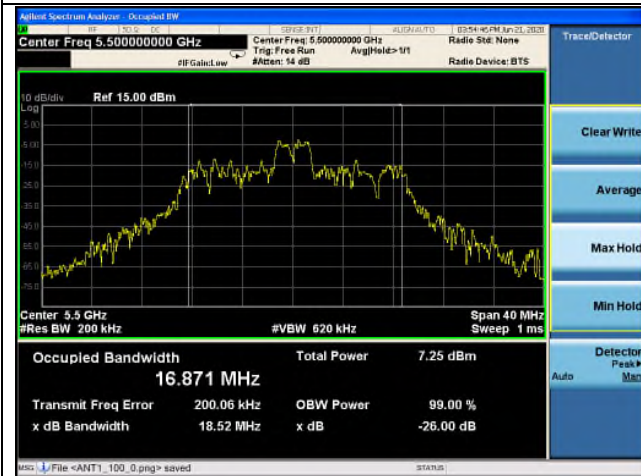


802.11ax_HE20 Band 2C_26T_4 RU

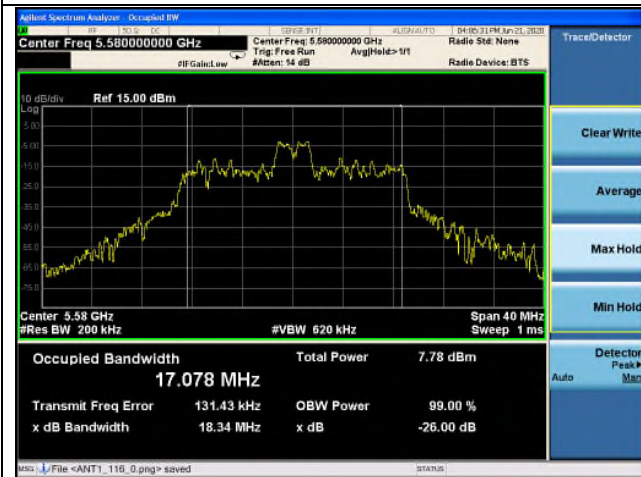
Ant.1

Ant.2

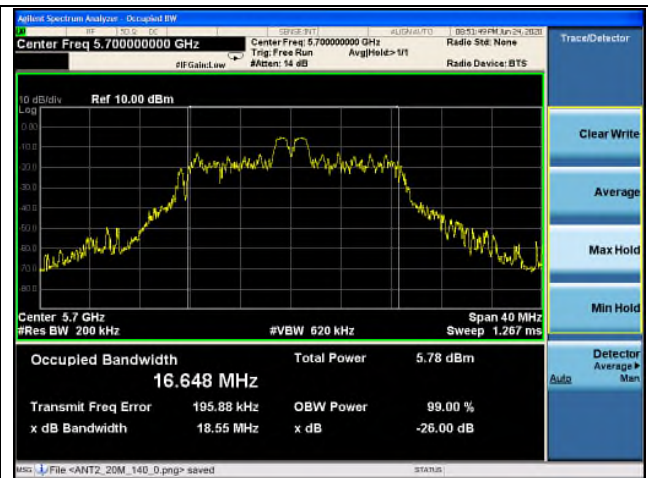
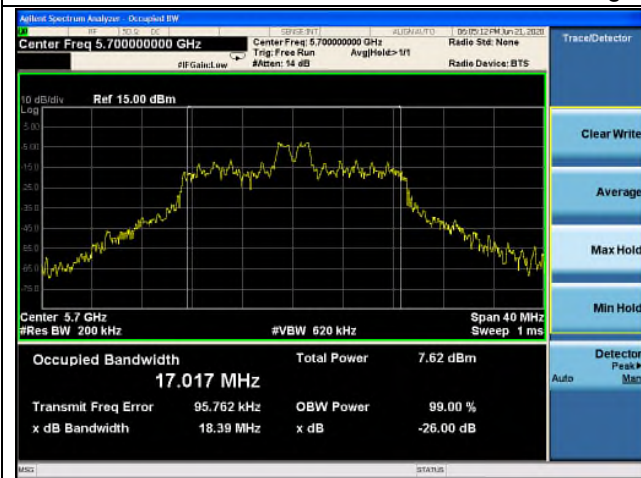
Low channel



Middle channel



High channel

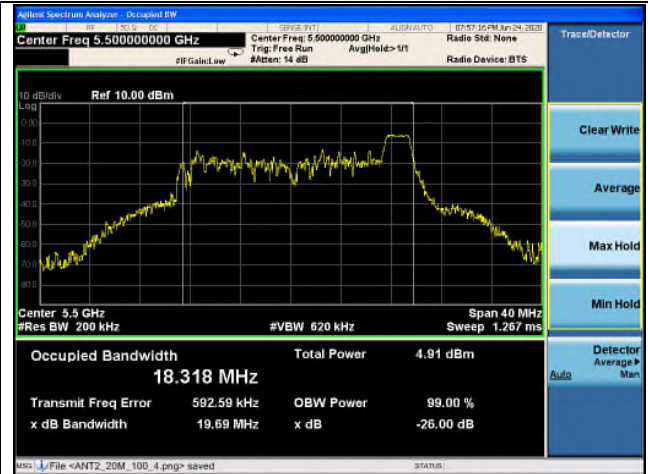
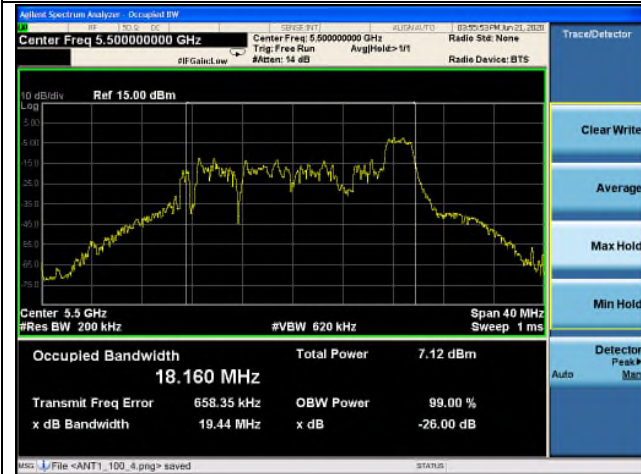


802.11ax_HE20 Band 2C_26T_8 RU

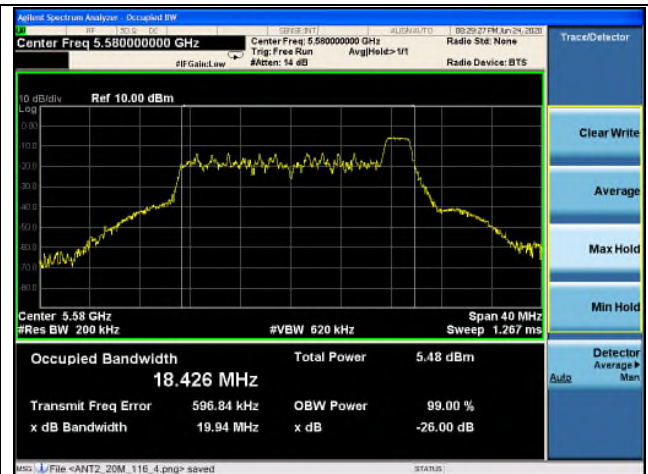
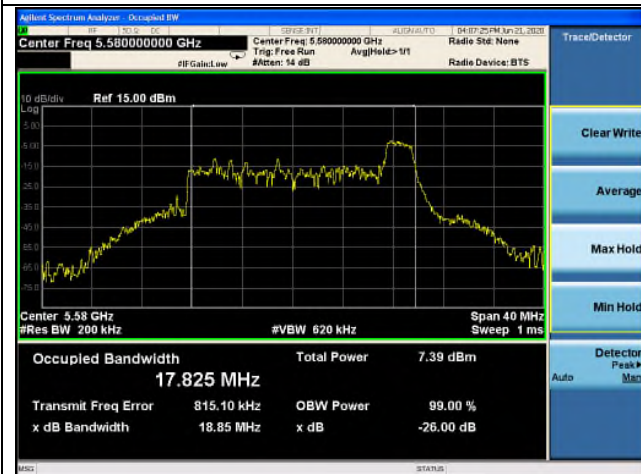
Ant.1

Ant.2

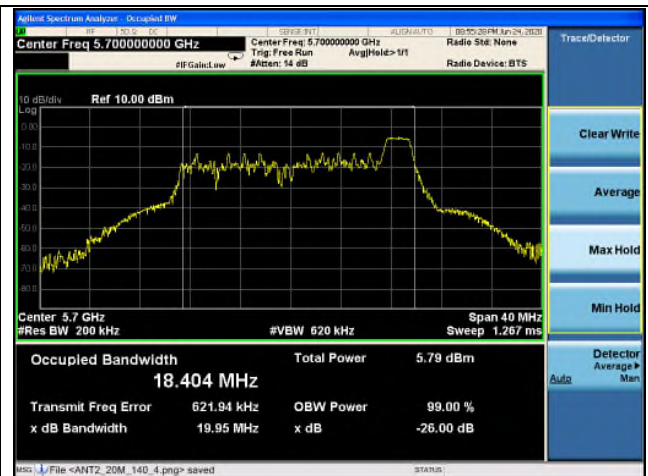
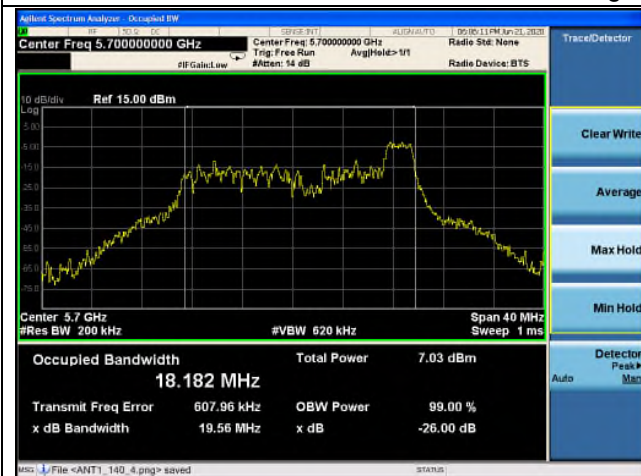
Low channel



Middle channel



High channel

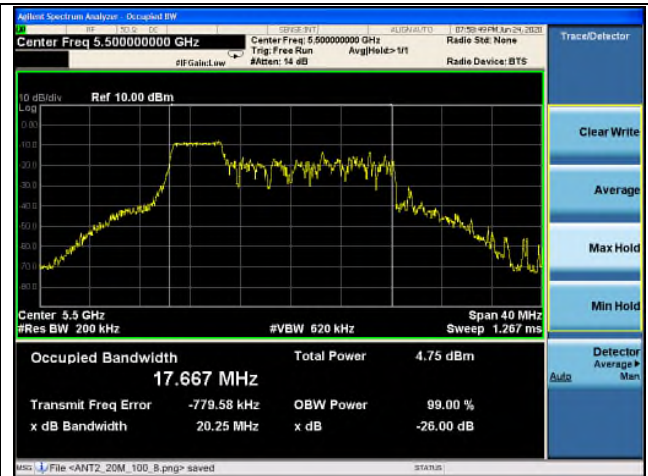
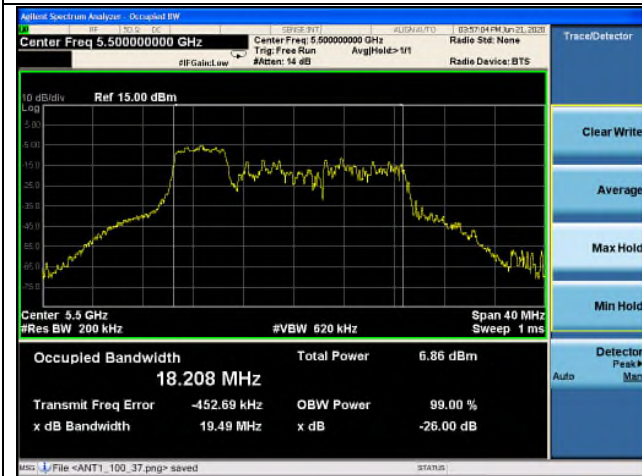


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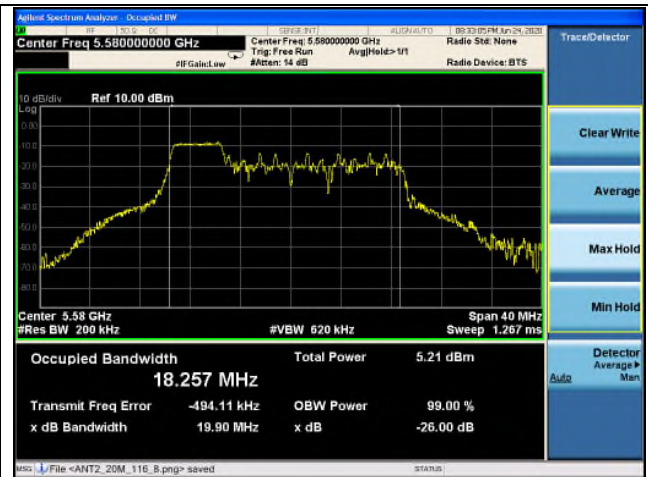
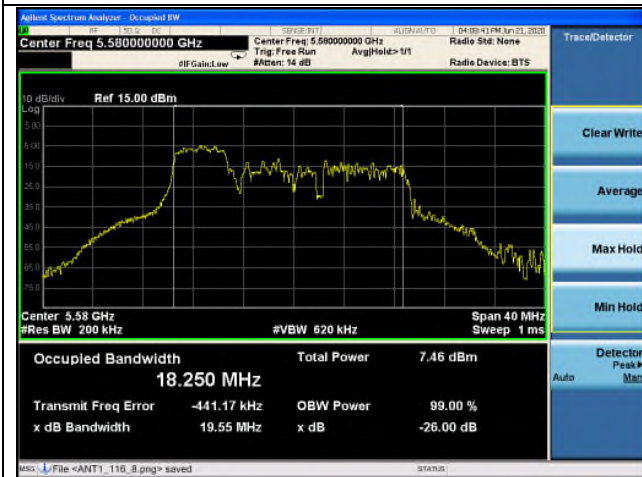
Ant.1

Ant.2

Low channel



Middle channel



High channel

