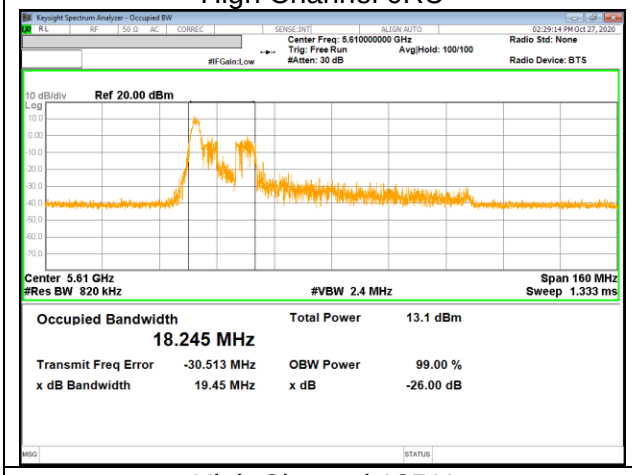
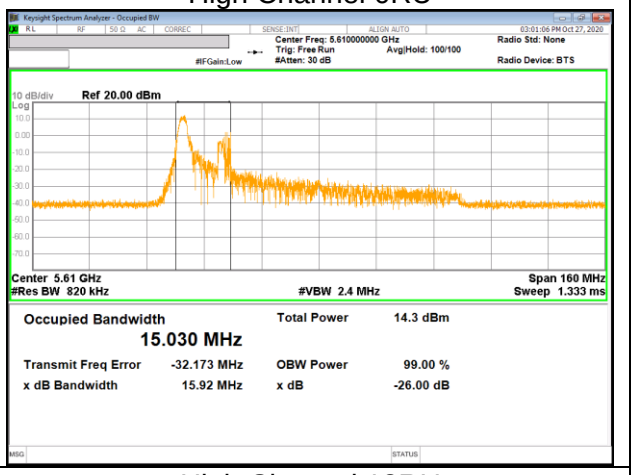
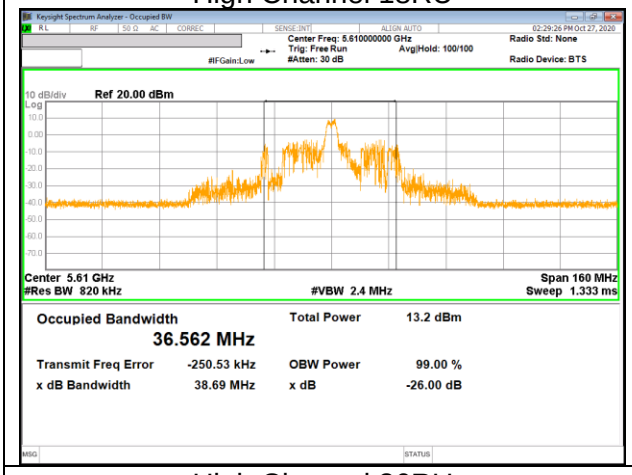
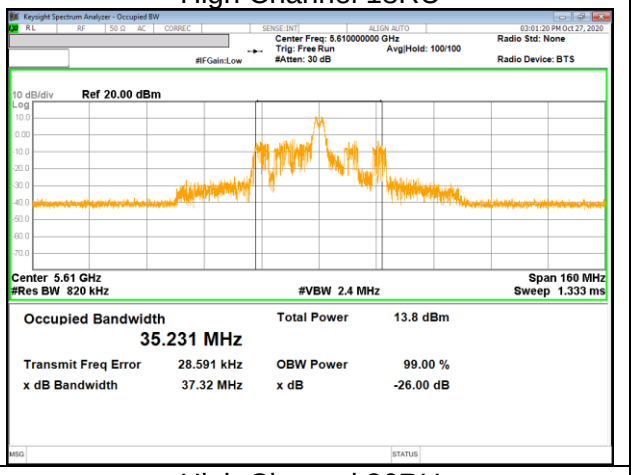
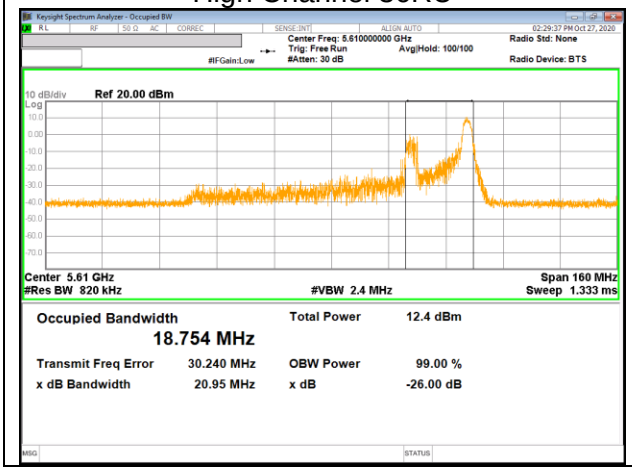
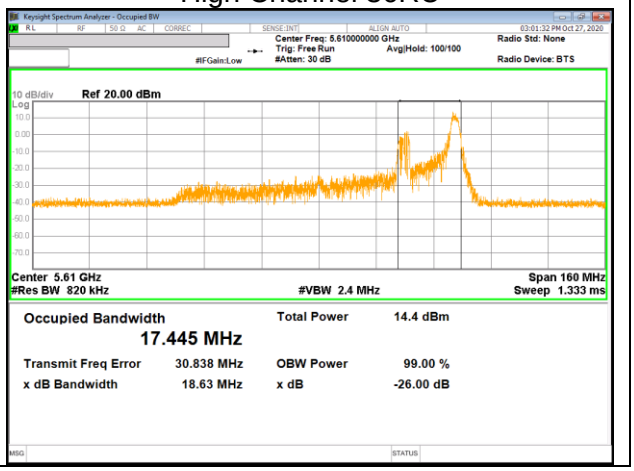
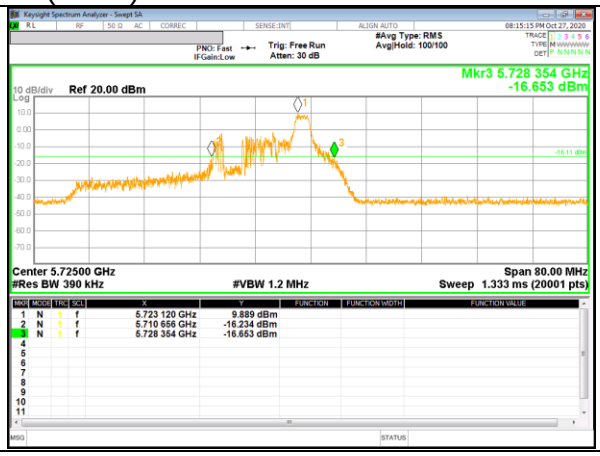
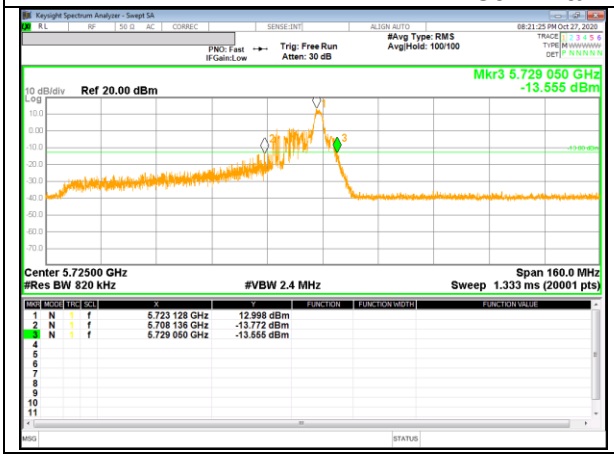
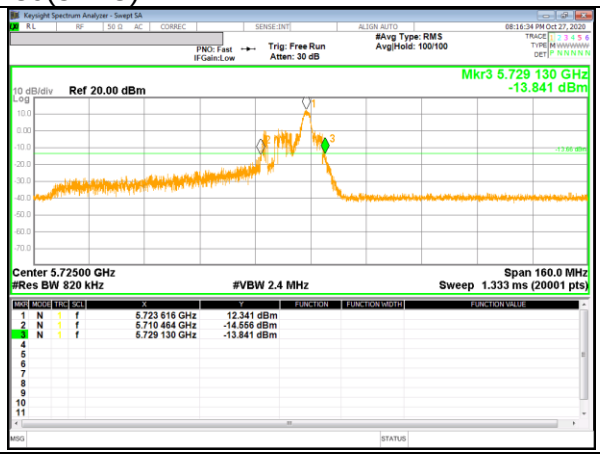
ANT1	ANT2
High Channel 0RU	High Channel 0RU
	
High Channel 18RU	High Channel 18RU
	
High Channel 36RU	High Channel 36RU
	

UNII Straddle Channel IEEE 802.11ax HE20, HE40, HE80(RU) mode

ANT1	ANT2
802.11ax HE20(6RU)	
	
802.11ax HE40(15RU)	
	
802.11ax HE80(34RU)	
	

10. ANTENNA PORT TEST RESULTS

10.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407

The minimum 6 dB bandwidth shall be at least 500 kHz.

TEST PROCEDURE

Reference to 789033 D02 General UNII Test Procedures New Rules v02r01: The transmitter output is connected to a spectrum analyzer with the RBW set to100KHz, the VBW >= 3 x RBW, peak detector and max hold.

RESULTS

10.1.1. 5.8 GHz BAND

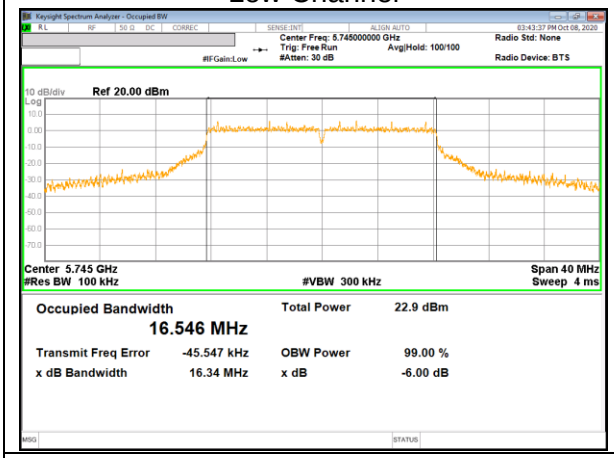
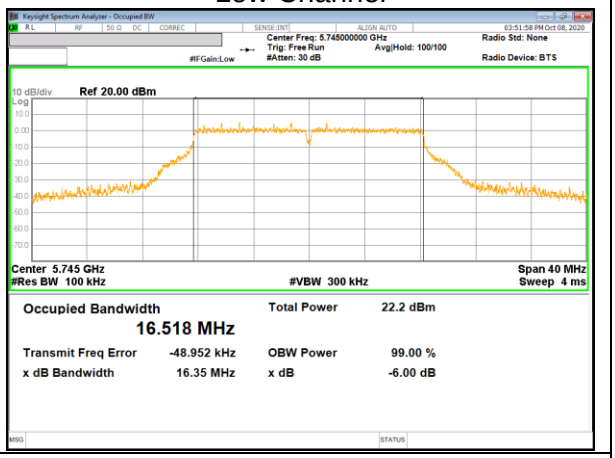
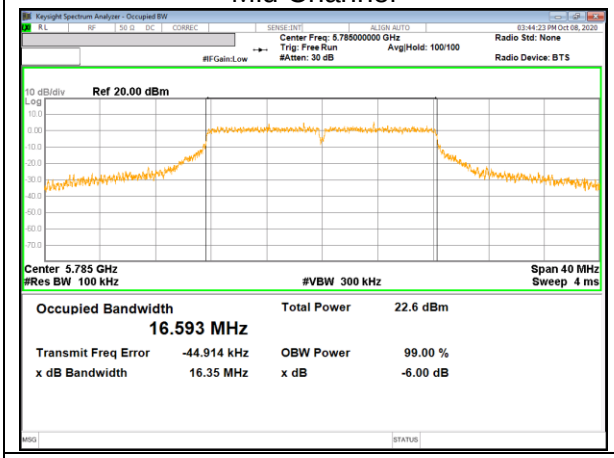
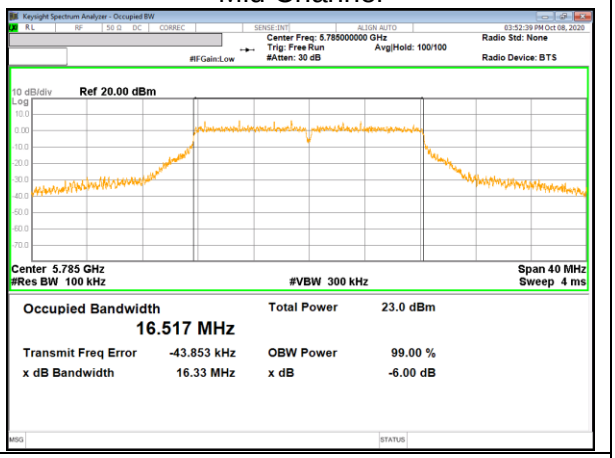
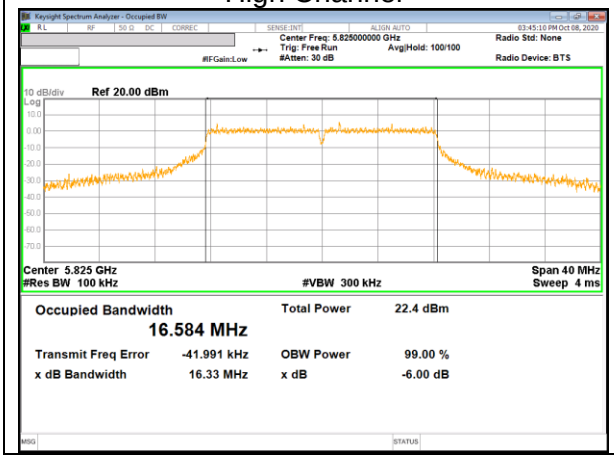
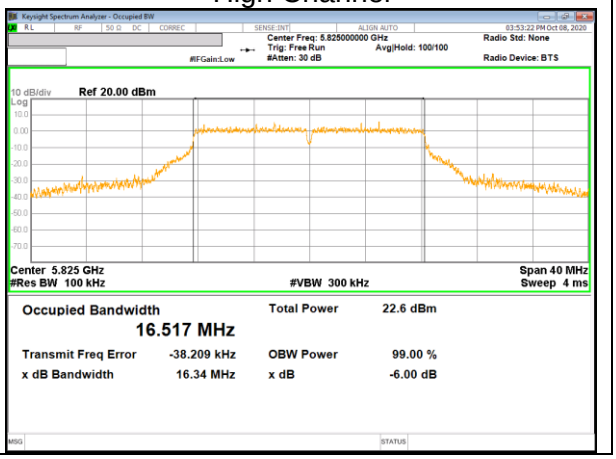
Band	Mode	Channel	Center Freq. [MHz]	6 dB BW [MHz]		Worst	Minimum Limit [MHz]
				ANT1	ANT2		
UNII-3	802.11a	Low	5745	16.34	16.35	16.33	0.5
		Mid	5785	16.35	16.33		
		High	5825	16.33	16.34		
	802.11n HT20	Low	5745	17.57	17.57	17.56	
		Mid	5785	17.58	17.56		
		High	5825	17.58	17.57		
	802.11n HT40	Low	5755	36.33	36.32	36.26	
		High	5795	36.31	36.26		
	802.11ac VHT80	Mid	5775	76.06	75.94	75.94	
	802.11ax HE20(SU)	Low	5745	18.95	18.86	18.86	
		Mid	5785	18.87	18.93		
		High	5825	18.92	18.88		
	802.11ax HE40(SU)	Low	5755	37.65	37.31	37.23	
		High	5795	37.55	37.23		
	802.11ax HE80(SU)	Mid	5775	77.01	77.30	77.01	

10.1.2. 802.11ax 5.8 GHz Band(RU)

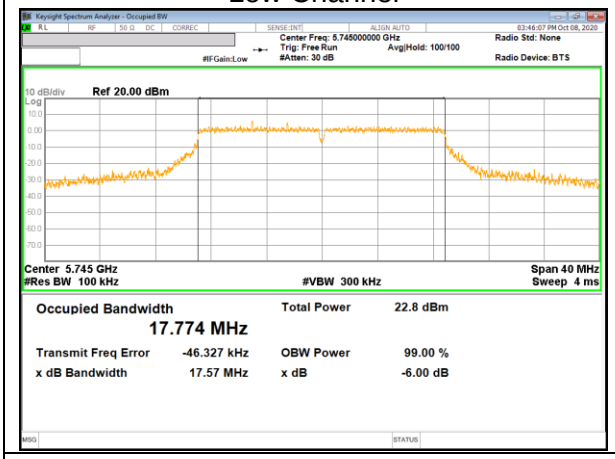
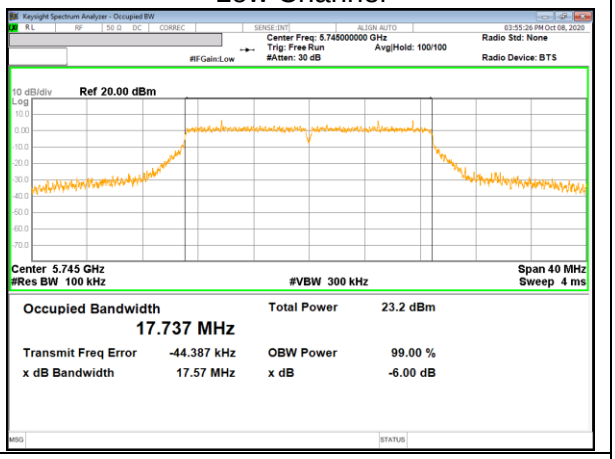
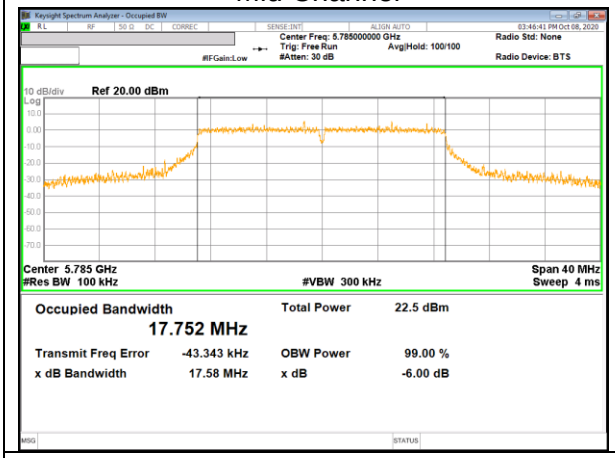
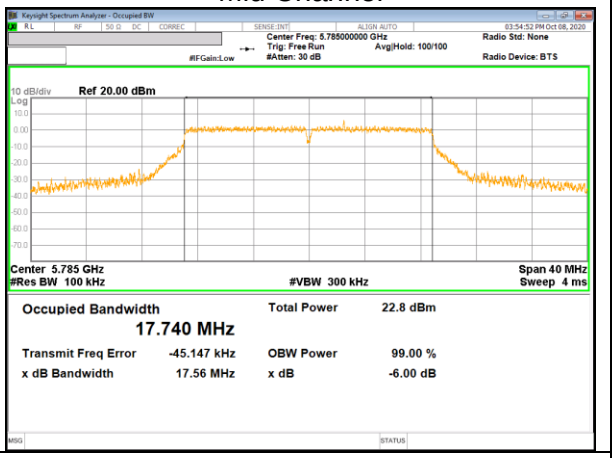
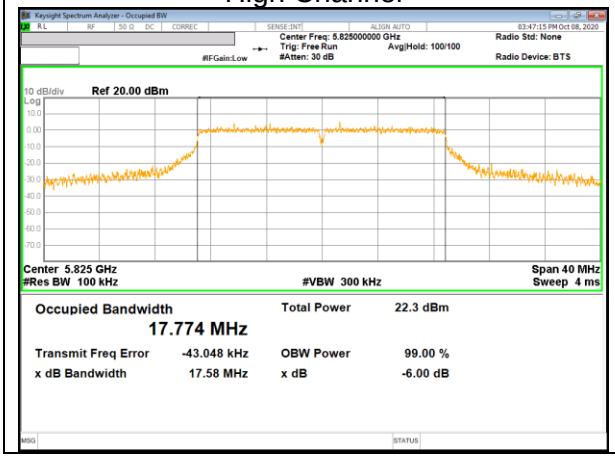
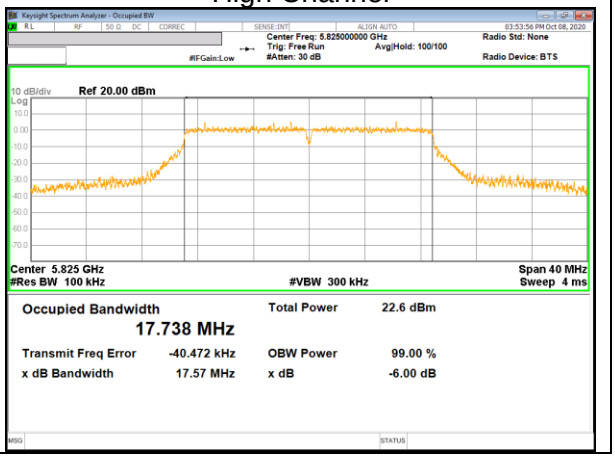
Band	Mode	Channel	Tones	RU offset	6 dB BW [MHz]		Minimum Limit [MHz]
					ANT1	ANT2	
UNII-3	HE20	Low	26T	0	2.064	2.037	0.5
		Mid			2.040	2.059	
		High			2.089	2.020	
		Minimum 6dB Bandwidth			2.020		
	HE40	Low	26T	0	1.902	2.021	
		High			2.058	1.916	
		Minimum 6dB Bandwidth			1.902		
	HE80	Mid	26T	0	2.026	2.040	
		Minimum 6dB Bandwidth			2.026		

10.1.3. 6 dB BANDWIDTH PLOTS

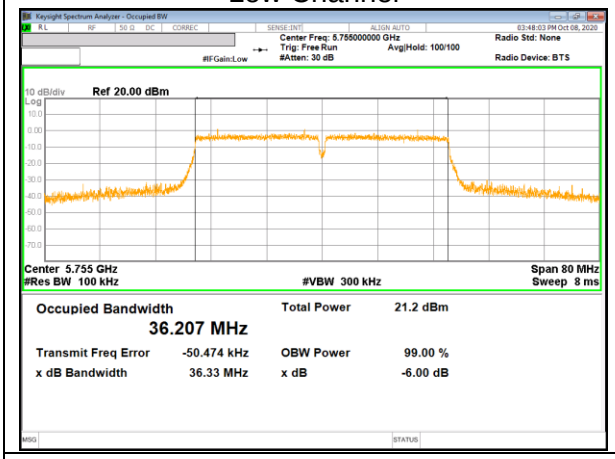
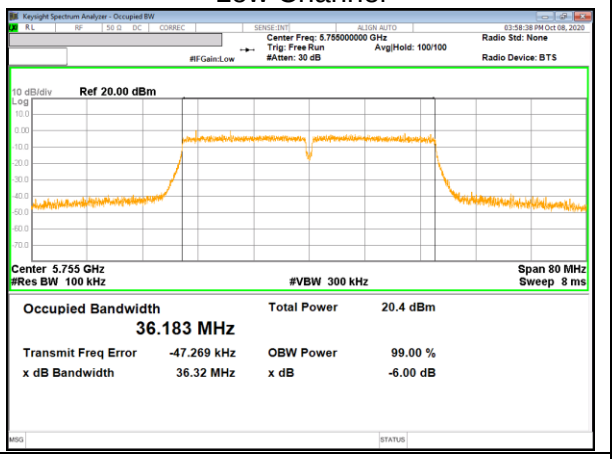
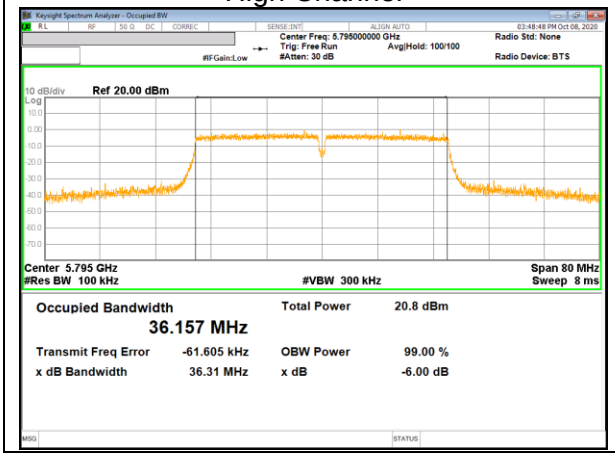
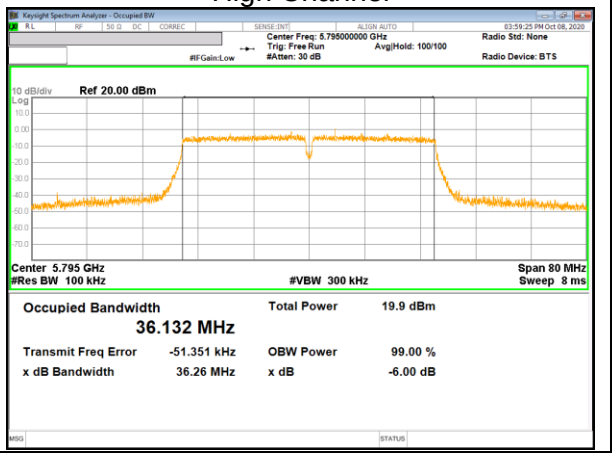
UNII 5.8 GHz IEEE 802.11a mode

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

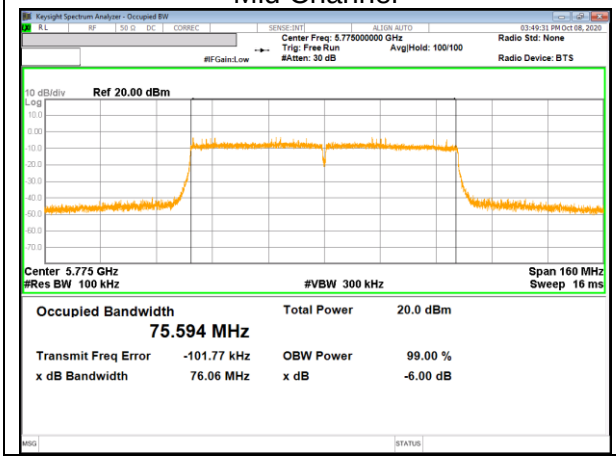
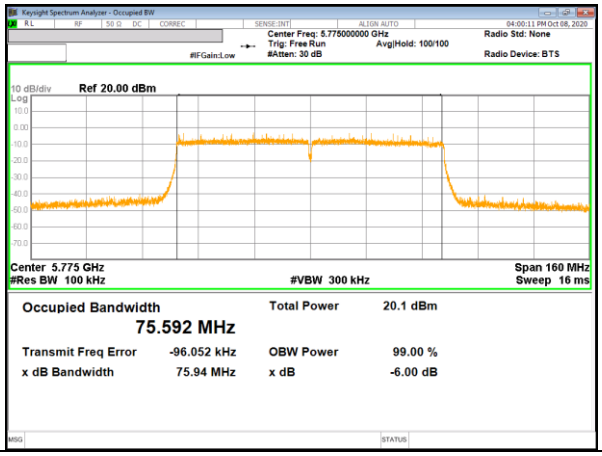
UNII 5.8 GHz IEEE 802.11n HT20 mode

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

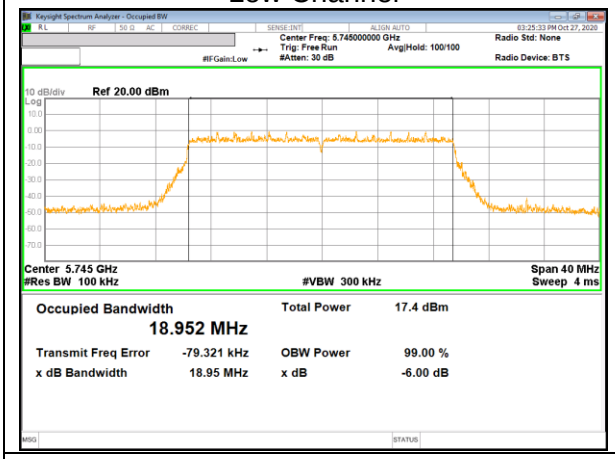
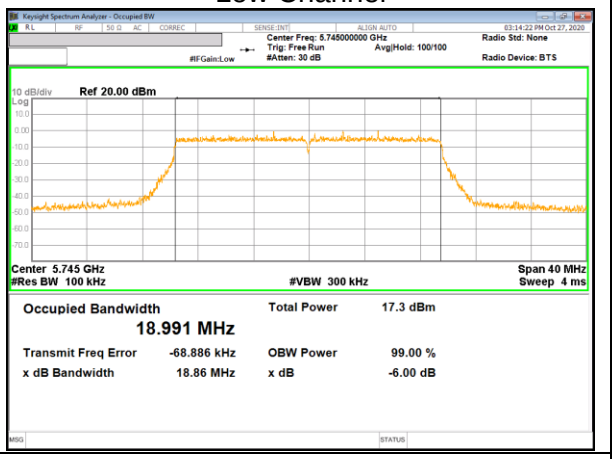
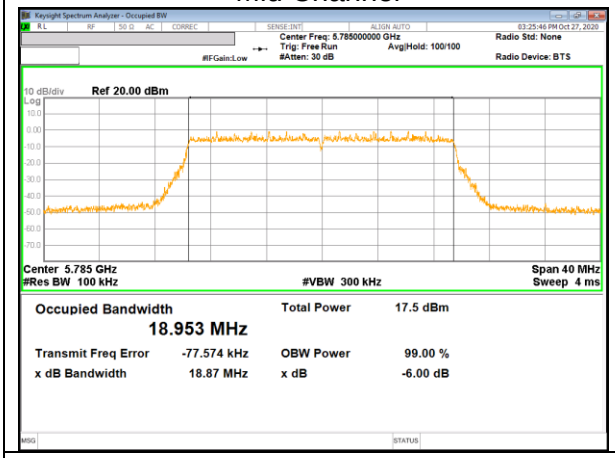
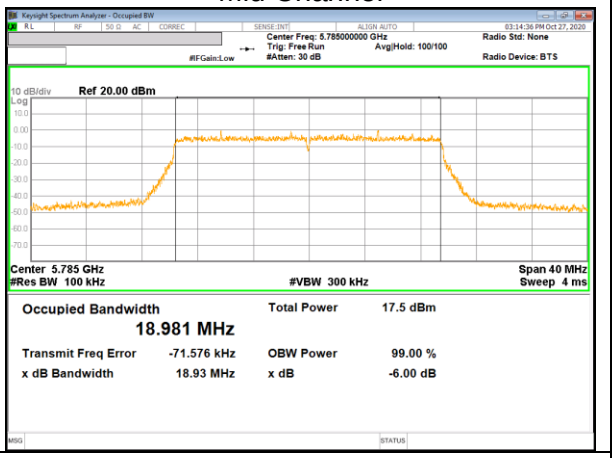
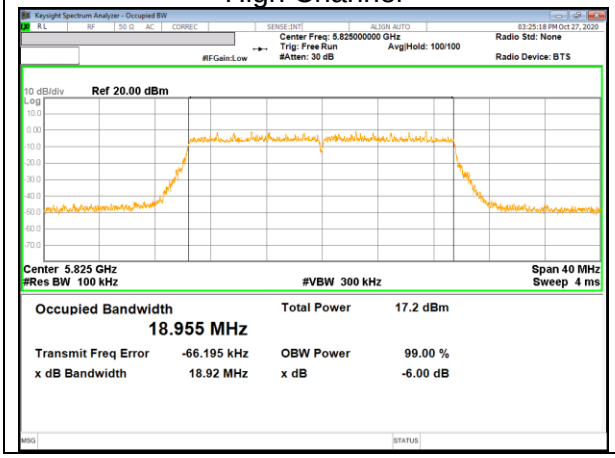
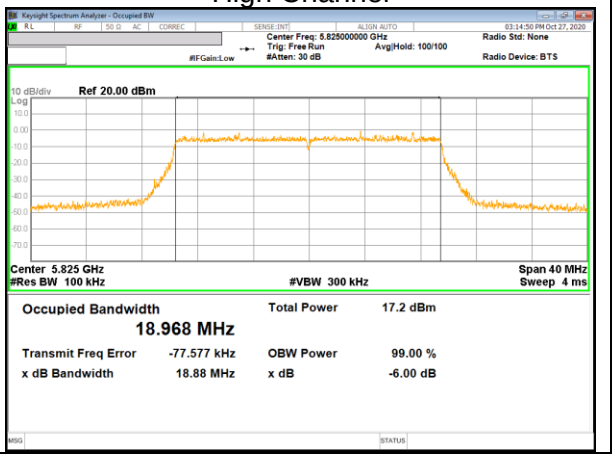
UNII 5.8 GHz IEEE 802.11n HT40 mode

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

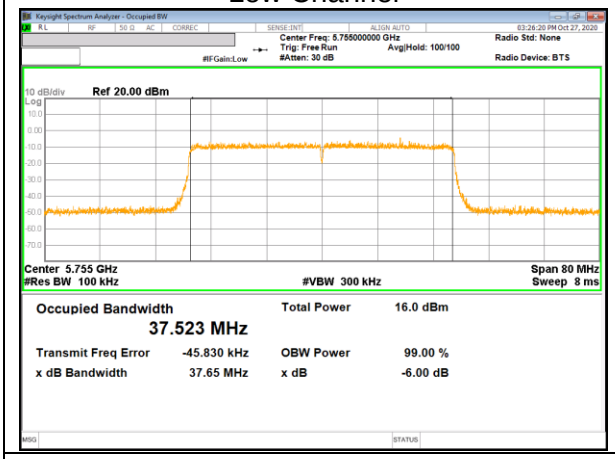
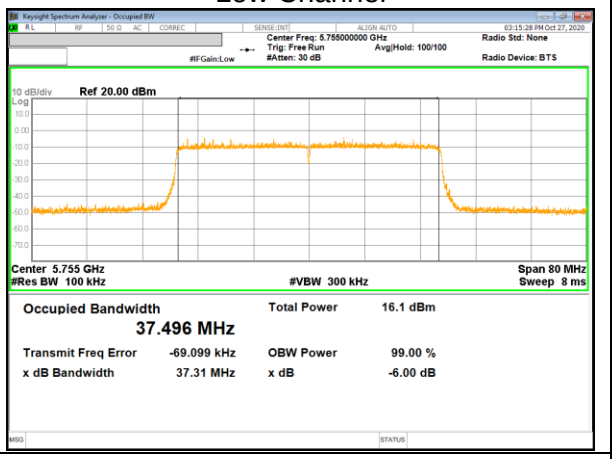
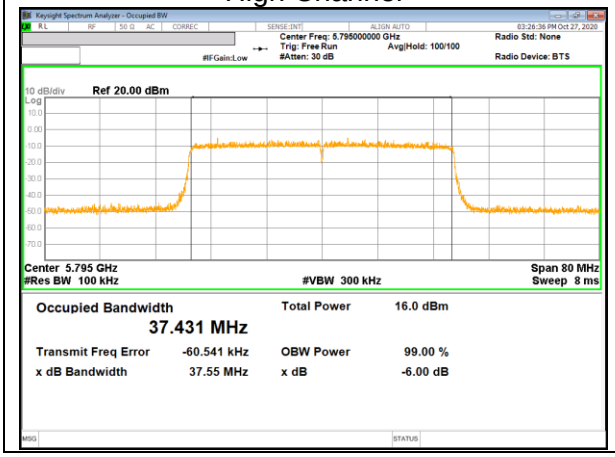
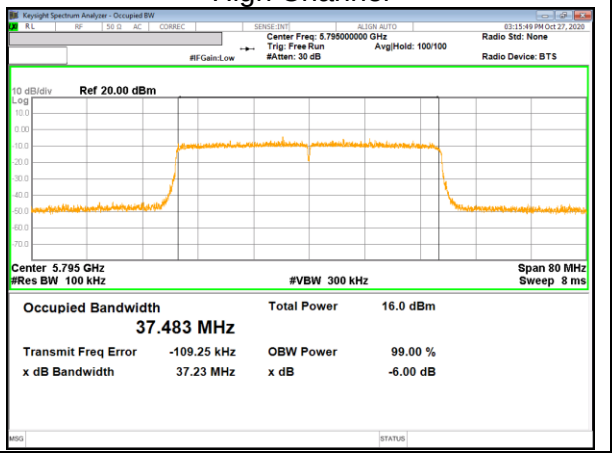
UNII 5.8 GHz IEEE 802.11ac VHT80 mode

ANT1	ANT2
Mid Channel	Mid Channel
	

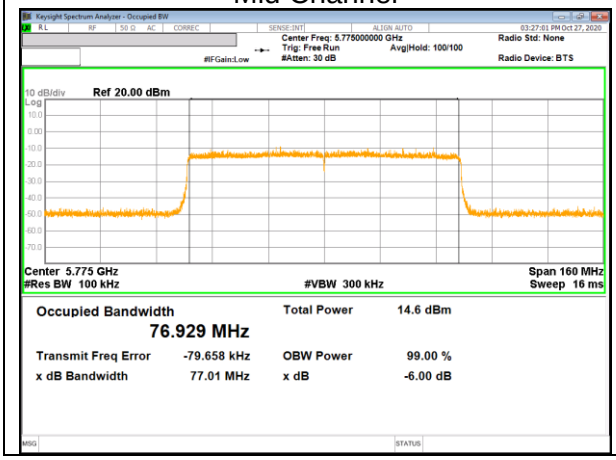
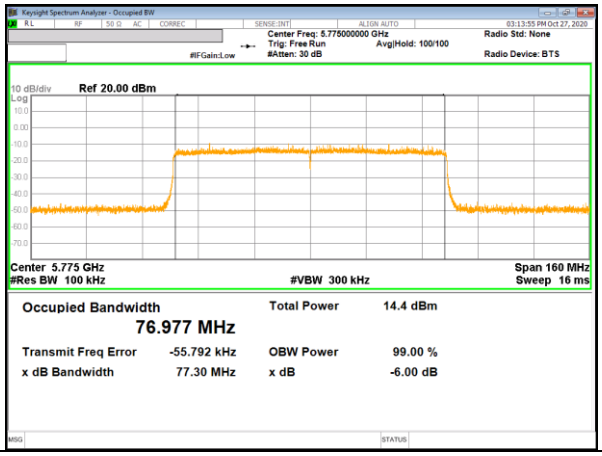
UNII 5.8 GHz IEEE 802.11ax HE20(SU) mode

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

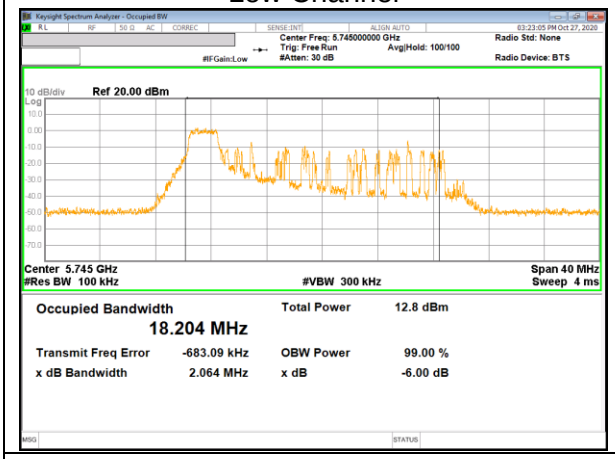
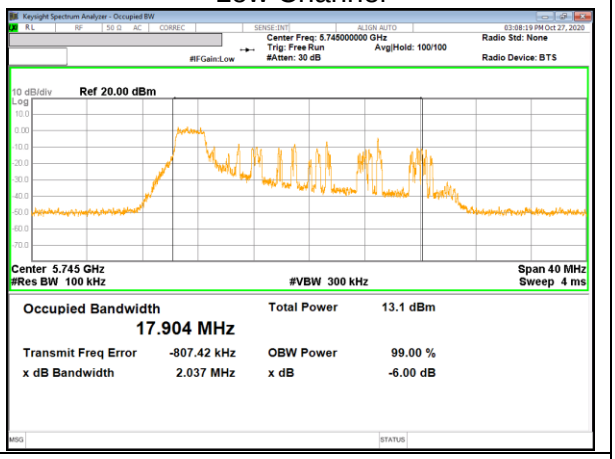
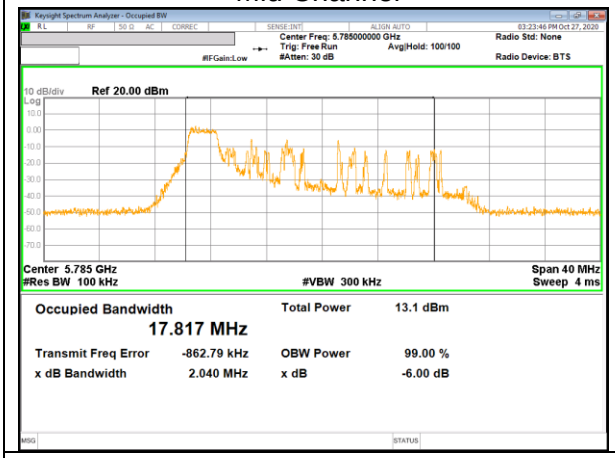
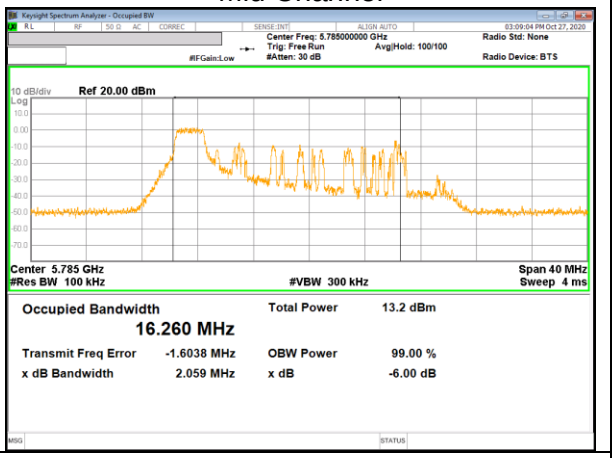
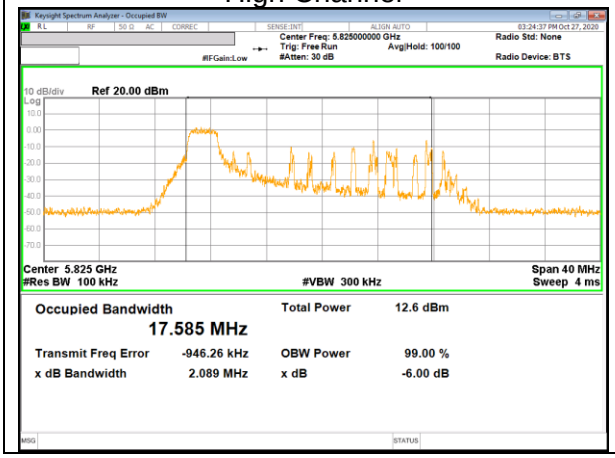
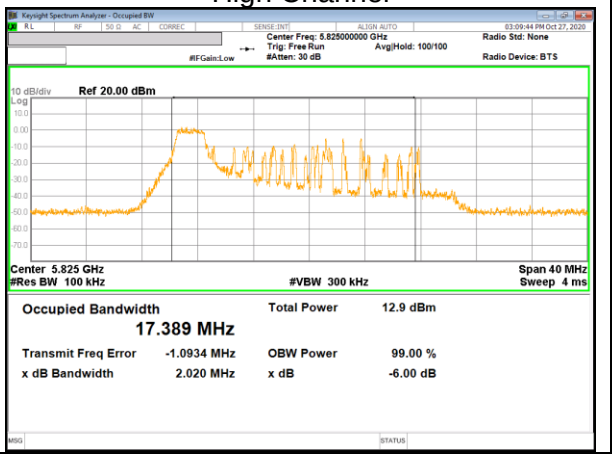
UNII 5.8 GHz IEEE 802.11ax HE40(SU) mode

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

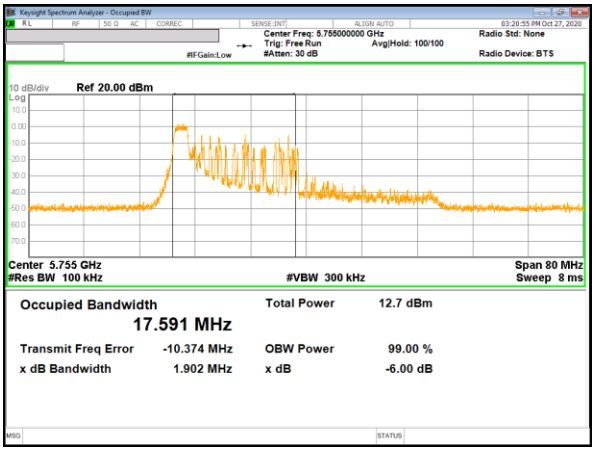
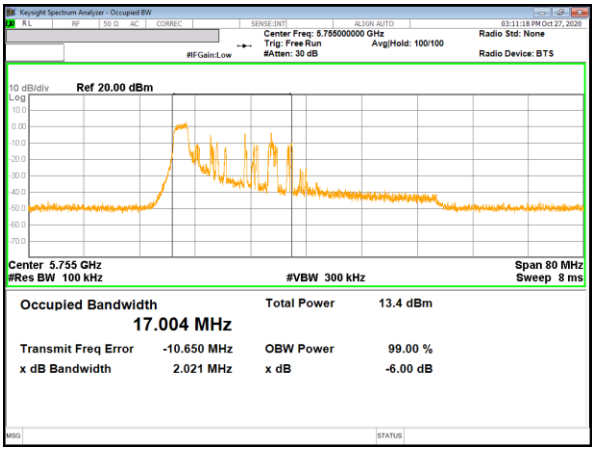
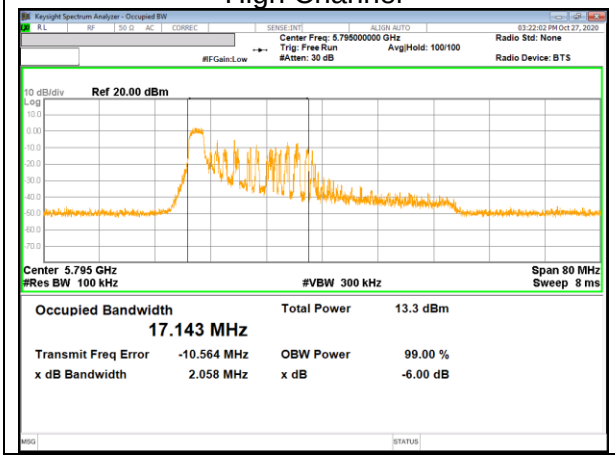
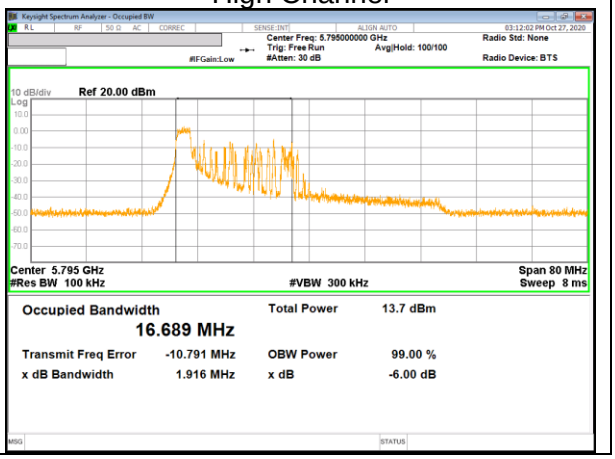
UNII 5.8 GHz IEEE 802.11ax HE80(SU) mode

ANT1	ANT2
Mid Channel	Mid Channel
	

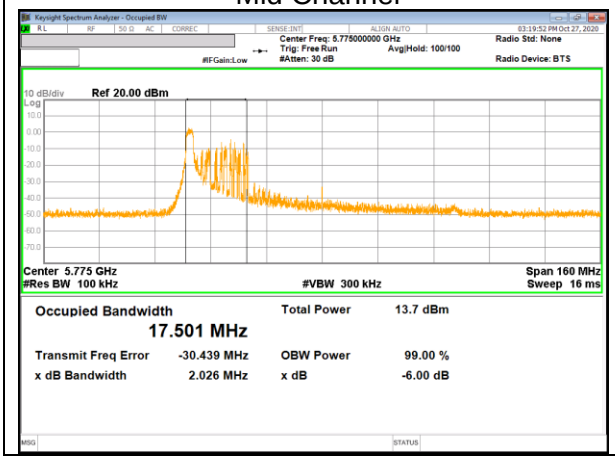
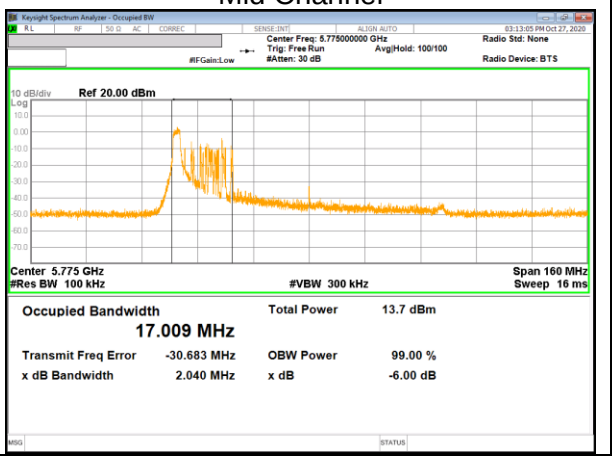
UNII 5.8 GHz IEEE 802.11ax HE20(RU) mode

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

UNII 5.8 GHz IEEE 802.11ax HE40(RU) mode

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

UNII 5.8 GHz IEEE 802.11ax HE80(RU) mode

ANT1	ANT2
Mid Channel	Mid Channel
	

10.2. OUTPUT POWER AND PPSD

LIMITS

FCC §15.407 (a) (1) (2) (3)

FCC

For the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26dB emission bandwidth in MHz. In addition, the peak power spectral density shall not exceed 11 dBm in any 1 MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

TEST PROCEDURE

KDB 789033 Method PM is used for output power.

KDB 789033 Method SA-2 is used for only power of straddle Ch. and PPSD. RBW set to 1MHz(500kHz for the band 5.725-5.85 GHz, the VBW >= 3 x RBW, RMS detector and trace averaging). Band power function used for power and peak marker value of the spectrum is used for PSD.

DIRECTIONAL ANTENNA GAIN

For OUTPUT POWER and PSD: The TX chains are correlated and the antenna gains are unequal among the chains. The directional gain is:

Frequency Band [MHz]	ANT1 Gain [dBi]	ANT2 Gain [dBi]	Correlated Chains Directional Gain [dBi]
UNII 1 5150 - 5250	-5.69	-6.86	-3.25
UNII 2A 5250 - 5350	-5.01	-6.78	-2.84
UNII 2C 5470 - 5725	-5.85	-5.12	-2.47
UNII 3 5725 - 5850	-5.44	-5.62	-2.52

RESULTS

10.2.1. 2Tx MODE IN THE 5.2 GHz BAND

Bandwidth and Antenna Gain, Limits

Band	Mode	Channel	Center Freq. [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
UNII-1	802.11a	Low	5180	20.89	-3.25	24.00	11.00
		Mid	5200				
		High	5240				
	802.11n HT20	Low	5180	21.07		24.00	11.00
		Mid	5200				
		High	5240				
	802.11n HT40	Low	5190	39.31		24.00	11.00
		High	5230				
	802.11ac VHT80	Mid	5210	80.57		24.00	11.00

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	-	dB
	802.11n HT40	-	dB
	802.11ac VHT80	0.32	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-1	802.11a	Low	5180	16.67	16.81	19.90	24.00
		Mid	5200	16.61	16.88	19.91	
		High	5240	16.67	16.97	19.98	
	802.11n HT20	Low	5180	16.81	16.86	19.85	24.00
		Mid	5200	16.78	17.02	19.91	
		High	5240	16.83	17.09	19.97	
	802.11n HT40	Low	5190	15.90	15.94	18.93	24.00
		High	5230	15.09	15.10	18.11	
	802.11ac VHT80	Mid	5210	13.62	13.63	16.96	24.00

* Calculation of Output Power : Corr'd Power = Ant1 Power + Ant2 Power + Duty CF [dB]

PPSD Results

Band	Mode	Channel	Center Freq. [MHz]	Meas PPSD [dBm/MHz]		Total Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
				ANT1	ANT2		
UNII-1	802.11a	Low	5180	6.310	5.342	9.013	11.00
		Mid	5200	5.460	4.397	8.121	
		High	5240	5.473	4.880	8.347	
	802.11n HT20	Low	5180	6.314	5.297	8.846	
		Mid	5200	5.098	4.195	7.680	
		High	5240	5.176	4.778	7.992	
	802.11n HT40	Low	5190	2.575	2.038	5.325	
		High	5230	0.709	0.118	3.434	
	802.11ac VHT80	Mid	5210	-1.140	-1.838	1.855	

* Calculation of PPSD result : Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB]

10.2.2. 2Tx MODE IN THE 5.3 GHz BAND

Bandwidth and Antenna Gain, Limits

Band	Mode	Channel	Center Freq. [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
UNII-2A	802.11a	Low	5260	20.86	-2.84	24.00	11.00
		Mid	5300				
		High	5320				
	802.11n HT20	Low	5260	21.29		24.00	11.00
		Mid	5300				
		High	5320				
	802.11n HT40	Low	5270	39.14		24.00	11.00
		High	5310				
	802.11ac VHT80	Mid	5290	80.84		24.00	11.00

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	-	dB
	802.11n HT40	-	dB
	802.11ac VHT80	0.32	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-2A	802.11a	Low	5260	16.93	17.25	20.25	24.00
		Mid	5300	17.07	17.28	20.34	
		High	5320	16.99	17.32	20.32	
	802.11n HT20	Low	5260	17.07	17.31	20.20	24.00
		Mid	5300	17.17	17.45	20.32	
		High	5320	17.05	17.38	20.23	
	802.11n HT40	Low	5270	15.32	15.51	18.43	24.00
		High	5310	15.40	15.55	18.49	
	802.11ac VHT80	Mid	5290	13.94	14.24	17.42	24.00

* Calculation of Output Power : Corr'd Power = Ant1 Power + Ant2 Power + Duty CF [dB]

PPSD Results

Band	Mode	Channel	Center Freq. [MHz]	Meas PPSD [dBm/MHz]		Total Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
				ANT1	ANT2		
UNII-2A	802.11a	Low	5260	6.270	5.571	9.095	11.00
		Mid	5300	5.903	5.771	8.998	
		High	5320	6.763	6.650	9.867	
	802.11n HT20	Low	5260	5.530	5.214	8.385	
		Mid	5300	5.250	5.396	8.334	
		High	5320	6.136	6.397	9.279	
	802.11n HT40	Low	5270	0.825	0.526	3.688	
		High	5310	1.523	1.738	4.642	
	802.11ac VHT80	Mid	5290	-2.444	-2.243	0.988	

* Calculation of PPSD result : Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB]

10.2.3. 2Tx MODE IN THE 5.5 GHz BAND

Bandwidth and Antenna Gain, Limits

Band	Mode	Channel	Center Freq. [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
UNII-2C	802.11a	Low	5500	20.79	-2.47	24.00	11.00
		Mid	5580				
		High	5700				
	802.11n HT20	Low	5500	21.44		24.00	11.00
		Mid	5580				
		High	5700				
	802.11n HT40	Low	5510	39.42		24.00	11.00
		Mid	5590				
		High	5670				
	802.11ac VHT80	Low	5530	80.63		24.00	11.00
		High	5610				

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	-	dB
	802.11n HT40	-	dB
	802.11ac VHT80	0.32	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-2C	802.11a	Low	5500	13.41	13.57	16.65	24.00
		Mid	5580	13.73	13.62	16.84	
		High	5700	13.99	13.66	16.99	
	802.11n HT20	Low	5500	13.63	13.85	16.75	24.00
		Mid	5580	13.97	13.81	16.90	
		High	5700	14.18	13.92	17.06	
	802.11n HT40	Low	5510	15.04	15.07	18.07	24.00
		Mid	5590	15.08	15.15	18.13	
		High	5670	15.32	15.21	18.28	
	802.11ac VHT80	Low	5530	14.60	14.65	17.96	24.00
		High	5610	13.66	13.71	17.02	

* Calculation of Output Power : Corr'd Power = Ant1 Power + Ant2 Power + Duty CF [dB]

PPSD Results

Band	Mode	Channel	Center Freq. [MHz]	Meas PPSD [dBm/MHz]		Total Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
				ANT1	ANT2		
UNII-2C	802.11a	Low	5500	2.816	3.734	6.460	11.00
		Mid	5580	2.245	2.820	5.702	
		High	5700	2.447	2.781	5.778	
	802.11n HT20	Low	5500	2.744	3.581	6.193	
		Mid	5580	1.853	2.452	5.173	
		High	5700	2.052	2.395	5.237	
	802.11n HT40	Low	5510	1.299	1.274	4.297	
		Mid	5590	-0.100	-0.327	2.798	
		High	5670	1.437	-0.110	3.742	
	802.11ac VHT80	Low	5530	-1.993	-2.011	1.328	
		High	5610	-3.807	-4.051	-0.597	

* Calculation of PPSD result : Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB]

10.2.4. 2Tx MODE IN THE 5.8 GHz BAND

Bandwidth and Antenna Gain, Limits

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	-	dB
	802.11n HT40	-	dB
	802.11ac VHT80	0.32	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-3	802.11a	Low	5745	16.37	16.93	19.82	30.00
		Mid	5785	17.37	17.79	20.75	
		High	5825	17.33	17.74	20.70	
	802.11n HT20	Low	5745	16.49	17.08	19.81	
		Mid	5785	17.51	17.95	20.75	
		High	5825	17.45	17.83	20.65	
	802.11n HT40	Low	5755	14.92	15.22	18.08	
		High	5795	14.82	15.20	18.02	
	802.11ac VHT80	Mid	5775	14.47	14.55	17.84	

* Calculation of Output Power : Corr'd Power = Ant1 Power + Ant2 Power + Duty CF [dB]

PPSD Results

Band	Mode	Channel	Center Freq. [MHz]	Meas PPSD [dBm/500kHz]		Total Corr'd PPSD [dBm/500kHz]	PPSD Limit [dBm/500kHz]
				ANT1	ANT2		
UNII-3	802.11a	Low	5745	3.200	2.218	5.897	30.00
		Mid	5785	3.279	3.001	6.303	
		High	5825	3.274	2.769	6.189	
	802.11n HT20	Low	5745	2.865	2.874	5.880	
		Mid	5785	2.754	2.736	5.755	
		High	5825	2.625	2.465	5.556	
	802.11n HT40	Low	5755	-1.179	-2.658	1.154	
		High	5795	-1.437	-2.669	1.001	
	802.11ac VHT80	Mid	5775	-5.443	-6.265	-2.504	

* Calculation of PPSD result : Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB]

10.2.5. 2Tx Mode Straddle channel IN THE 5.5 GHz BAND

Bandwidth and Antenna Gain, Limits

Band	Mode	Channel	Center Freq. [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
UNII-2C	802.11a	Straddle	5720	15.518	-2.47	22.91	11.00
	802.11n HT20	Straddle	5720	15.628		22.94	11.00
	802.11n HT40	Straddle	5710	34.752		24.00	11.00
	802.11ac VHT80	Straddle	5690	75.834		24.00	11.00
Included in Calculations of Corr'd Power & PPSD							
Duty Cycle CF [dB]			802.11a			0.15	dB
			802.11n HT20			-	dB
			802.11n HT40			-	dB
			802.11ac VHT80			0.32	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-2C	802.11a	Straddle	5720	12.343	12.172	15.42	22.91
	802.11n HT20	Straddle	5720	12.301	12.199	15.26	22.94
	802.11n HT40	Straddle	5710	14.541	14.550	17.56	24.00
	802.11ac VHT80	Straddle	5690	13.011	13.407	16.54	24.00

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

PPSD Results

Band	Mode	Channel	Center Freq. [MHz]	Meas PPSD [dBm/MHz]		Total Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
				ANT1	ANT2		
UNII-2C	802.11a	Straddle	5720	2.495	2.919	5.872	11.00
	802.11n HT20	Straddle	5720	2.479	2.502	5.501	
	802.11n HT40	Straddle	5710	1.076	0.530	3.822	
	802.11ac VHT80	Straddle	5690	-3.081	-3.888	-0.135	

* Calculation of PPSD result : Corr'd PPSD = Meas PPSD + Duty CF

10.2.6. 2Tx Mode Straddle channel IN THE 5.8 GHz BAND

Bandwidth and Antenna Gain, Limits

Band	Mode	Channel	Center Freq. [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/500kHz]
UNII-3	802.11a	Straddle	5720	5.53	-2.52	30.00	30.00
	802.11n HT20	Straddle	5720	5.61			
	802.11n HT40	Straddle	5710	4.75			
	802.11ac VHT80	Straddle	5690	5.55			

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	-	dB
	802.11n HT40	-	dB
	802.11ac VHT80	0.32	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-3	802.11a	Straddle	5720	6.106	5.941	9.18	30.00
	802.11n HT20	Straddle	5720	6.685	6.629	9.67	
	802.11n HT40	Straddle	5710	3.978	4.088	7.04	
	802.11ac VHT80	Straddle	5690	-1.781	-1.157	1.87	

* Calculation of Output Power : Corr'd Power = Meas Power + Duty CF [dB]

PPSD Results

Band	Mode	Channel	Center Freq. [MHz]	Meas PPSD [dBm/500kHz]		Total Corr'd PPSD [dBm/500kHz]	PPSD Limit [dBm/500kHz]
				ANT1	ANT2		
UNII-3	802.11a	Straddle	5720	-0.186	0.085	3.112	30.00
	802.11n HT20	Straddle	5720	-0.604	-0.619	2.399	
	802.11n HT40	Straddle	5710	-2.866	-3.539	-0.179	
	802.11ac VHT80	Straddle	5690	-7.994	-8.818	-5.056	

* Calculation of PPSD result : Corr'd PPSD = Meas PPSD + Duty CF

10.2.7. 802.11ax 2Tx (MIMO) MODE 5.2 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	Low	5180	13.95	-3.25	22.45	11.00
	Mid	5200				
	High	5240				
HE40	Low	5190	14.17		22.51	
	High	5230				
HE80	Mid	5210	17.83		23.51	

Included in Calculations of Corr'd [Power & PPSD]				
Duty Cycle CF [dB]	HE20	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		SU	0.10	dB
	HE80	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		484T	0.10	dB
		SU	0.10	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE20	36	5180	26T	0	7.63	6.96	10.32	22.45
				4	7.76	7.38	10.58	
				8	7.85	7.31	10.60	
			52T	37	8.43	8.03	11.24	
				38	8.65	8.27	11.47	
				40	8.58	8.47	11.54	
			106T	53	11.21	11.18	14.21	
				54	11.39	11.37	14.39	
			SU	-	12.61	12.26	15.45	24.00
	40	5200	26T	0	7.45	6.91	10.20	22.45
				4	7.91	7.42	10.68	
				8	7.52	7.33	10.44	
			52T	37	8.51	8.21	11.37	
				38	8.65	8.40	11.54	
				40	8.51	8.36	11.45	
			106T	53	11.08	11.22	14.16	
				54	11.27	11.31	14.30	
			SU	-	12.49	12.25	15.38	24.00
	48	5240	26T	0	8.10	8.13	11.13	22.45
				4	8.16	8.17	11.18	
				8	8.34	8.16	11.26	
			52T	37	9.91	9.78	12.86	
				38	8.67	8.44	11.57	
				40	8.32	8.16	11.25	
			106T	53	11.10	11.22	14.17	
				54	11.17	11.28	14.24	
			SU	-	12.40	12.25	15.34	24.00

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE40	38	5190	26T	0	7.13	7.12	10.14	21.51
				9	6.83	7.06	9.96	
				17	6.92	7.43	10.19	
			52T	37	8.34	8.24	11.30	
				41	7.97	8.15	11.07	
				44	8.31	8.55	11.44	
			106T	53	9.98	9.98	12.99	
				54	9.21	9.28	12.26	
				56	8.43	8.84	11.65	
			242T	61	10.29	10.24	13.28	
				62	10.10	10.32	13.22	
			SU	-	10.09	10.25	13.18	24.00
	46	5230	26T	0	7.04	6.78	9.92	21.51
				9	6.67	7.03	9.86	
				17	7.15	7.29	10.23	
			52T	37	8.27	8.04	11.17	
				41	7.97	8.05	11.02	
				44	8.11	8.49	11.31	
			106T	53	9.75	9.83	12.80	
				54	9.25	9.05	12.16	
				56	8.62	8.72	11.68	
			242T	61	10.11	10.35	13.24	
				62	10.03	10.38	13.22	
			SU	-	9.85	10.24	13.06	24.00
HE80	42	5210	26T	0	7.01	6.53	9.79	23.51
				18	7.67	6.63	10.19	
				36	6.97	6.81	9.90	
			52T	37	6.78	6.30	9.56	
				45	7.61	6.80	10.23	
				52	6.92	6.84	9.89	
			106T	53	8.54	7.82	11.21	
				57	8.76	8.10	11.45	
				60	8.13	8.13	11.14	
			242T	61	8.80	8.11	11.48	
				62	9.06	8.68	11.88	
				64	8.73	8.45	11.60	
			484T	65	8.75	8.28	11.53	
				66	8.63	8.09	11.38	
			SU	-	8.63	8.26	11.46	24.00

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

PPSD Results

Actual RBW	Ref. Bandwidth	Corr'd factor
100 kHz	1000 kHz	10.00 dB

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas PPSD [dBm/100kHz]		Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
					ANT1	ANT2		
HE20	36	5180	26T	0	-5.424	-5.325	7.636	11.00
				4	-5.302	-5.007	7.858	
				8	-5.524	-5.309	7.595	
			SU	-	-9.837	-10.545	2.934	
	40	5200	26T	0	-5.074	-6.466	7.296	
				4	-5.435	-5.965	7.318	
				8	-5.442	-6.189	7.211	
			SU	-	-9.752	-10.571	2.968	
	48	5240	26T	0	-4.576	-5.671	7.921	
				4	-4.009	-4.695	8.672	
				8	-4.140	-4.706	8.597	
			SU	-	-9.866	-10.432	2.971	
HE40	38	5190	26T	0	-5.195	-6.793	7.089	
				9	-6.022	-7.036	6.511	
				17	-5.721	-6.114	7.097	
			SU	-	-15.160	-15.680	-2.302	
	46	5230	26T	0	-6.230	-6.788	6.510	
				9	-6.614	-6.511	6.448	
				17	-5.578	-5.816	7.315	
			SU	-	-15.210	-15.447	-2.217	
HE80	42	5210	26T	0	-5.315	-5.667	7.523	
				18	-5.536	-5.544	7.470	
				36	-5.271	-5.319	7.715	
			SU	-	-19.849	-19.413	-6.515	

* Calculation of PPSD result : Total Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [dB]

10.2.8. 802.11ax 2Tx (MIMO) MODE 5.3 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	Low	5260	14.63	-2.84	22.65	11.00
	Mid	5300				
	High	5320				
HE40	Low	5270	9.34		20.70	
	High	5310				
HE80	Mid	5290	14.68		22.67	

Included in Calculations of Corr'd [Power & PPSD]				
Duty Cycle CF [dB]	HE20	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		SU	0.10	dB
	HE80	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		484T	0.10	dB
		SU	0.10	dB

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Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE20	52	5260	26T	0	7.79	7.07	10.46	22.65
				4	7.69	7.04	10.39	
				8	7.85	7.23	10.56	
			52T	37	9.55	8.94	12.27	
				38	9.63	9.07	12.37	
				40	9.68	9.01	12.37	
			106T	53	10.87	10.50	13.70	
				54	10.83	10.65	13.75	
			SU	-	12.12	11.77	14.96	24.00
	60	5300	26T	0	7.76	7.34	10.57	22.65
				4	6.76	6.81	9.80	
				8	7.59	7.36	10.49	
			52T	37	9.36	9.34	12.36	
				38	9.73	9.50	12.63	
				40	9.68	9.44	12.57	
			106T	53	10.84	10.94	13.90	
				54	10.91	11.00	13.97	
			SU	-	12.18	12.16	15.18	24.00
	64	5320	26T	0	7.58	7.57	10.59	22.65
				4	7.85	7.68	10.78	
				8	7.65	7.48	10.58	
			52T	37	9.31	9.08	12.21	
				38	9.55	9.29	12.43	
				40	9.35	9.17	12.27	
			106T	53	11.84	11.86	14.86	
				54	11.90	11.95	14.94	
			SU	-	12.17	12.09	15.14	24.00

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE40	54	5270	26T	0	7.79	7.06	10.45	20.70
				9	7.95	7.44	10.71	
				17	7.89	7.45	10.69	
			52T	37	8.85	8.19	11.54	
				41	8.63	8.39	11.52	
				44	8.82	8.67	11.76	
			106T	53	9.05	8.38	11.74	
				54	9.65	9.05	12.37	
				56	9.10	8.65	11.89	
			242T	61	10.78	10.59	13.70	
				62	10.74	10.77	13.77	
			SU	-	10.71	10.67	13.70	24.00
	62	5310	26T	0	7.93	7.53	10.74	20.70
				9	7.85	7.93	10.90	
				17	7.76	7.67	10.73	
			52T	37	8.15	7.76	10.97	
				41	8.96	8.66	11.82	
				44	8.20	7.95	11.09	
			106T	53	9.30	9.09	12.21	
				54	9.98	9.64	12.82	
				56	9.35	9.05	12.21	
			242T	61	10.88	10.94	13.92	
				62	10.74	10.93	13.85	
			SU	-	10.69	10.86	13.79	24.00
HE80	58	5290	26T	0	7.53	6.77	10.18	22.67
				18	7.51	7.00	10.27	
				36	7.81	7.71	10.77	
			52T	37	7.10	6.50	9.82	
				45	7.48	7.34	10.42	
				52	7.05	6.77	9.92	
			106T	53	8.51	7.91	11.23	
				57	8.65	8.19	11.44	
				60	8.35	7.91	11.15	
			242T	61	9.56	9.18	12.38	
				62	9.41	8.56	12.02	
				64	9.35	9.27	12.32	
			484T	65	9.95	9.32	12.66	
				66	9.94	9.05	12.53	
			SU	-	9.81	9.63	12.73	24.00

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

PPSD Results

Actual RBW	Ref. Bandwidth	Corr'd factor
100 kHz	1000 kHz	10.00 dB

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas PPSD [dBm/100kHz]		Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
					ANT1	ANT2		
HE20	52	5260	26T	0	-5.283	-6.326	7.237	11.00
				4	-4.936	-5.788	7.669	
				8	-5.014	-5.674	7.679	
			SU	-	-10.194	-10.595	2.720	
	60	5300	26T	0	-5.417	-5.979	7.321	
				4	-5.917	-6.708	6.716	
				8	-5.050	-5.886	7.562	
			SU	-	-9.902	-10.449	2.943	
	64	5320	26T	0	-4.956	-6.035	7.548	
				4	-4.850	-5.645	7.781	
				8	-5.059	-5.656	7.663	
			SU	-	-10.151	-10.355	2.858	
HE40	54	5270	26T	0	-5.275	-5.249	7.748	
				9	-4.727	-5.547	7.893	
				17	-4.310	-5.577	8.113	
			SU	-	-14.181	-14.696	-1.321	
	62	5310	26T	0	-4.603	-5.147	8.144	
				9	-4.905	-4.740	8.189	
				17	-4.754	-5.171	8.053	
			SU	-	-14.163	-14.152	-1.047	
HE80	58	5290	26T	0	-3.738	-4.873	8.742	
				18	-5.305	-5.095	7.812	
				36	-4.417	-4.456	8.574	
			SU	-	-18.234	-18.328	-5.170	

* Calculation of PPSD result : Total Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [dB]

10.2.9. 802.11ax 2Tx (MIMO) MODE 5.5 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	Low	5500	9.53	-2.47	20.79	11.00
	Mid	5580				
	High	5700				
HE40	Low	5510	12.72		22.04	
	Mid	5590				
	High	5670				
HE80	Low	5530	15.92		23.02	
	High	5610				

Included in Calculations of Corr'd [Power & PPSD]				
Duty Cycle CF [dB]	HE20	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		SU	0.10	dB
	HE80	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		484T	0.10	dB
		SU	0.10	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE20	100	5500	26T	0	7.10	7.16	10.14	20.79
				4	7.12	7.41	10.28	
				8	6.77	7.15	9.97	
			52T	37	8.15	8.14	11.16	
				38	9.07	9.23	12.16	
				40	9.26	9.12	12.20	
			106T	53	10.65	10.80	13.74	
				54	10.63	10.81	13.73	
			SU	-	11.62	12.05	14.85	24.00
	116	5580	26T	0	7.11	7.30	10.22	20.79
				4	7.34	7.55	10.46	
				8	7.00	7.26	10.14	
			52T	37	9.55	9.04	12.31	
				38	9.66	9.16	12.43	
				40	9.05	9.00	12.04	
			106T	53	10.86	10.88	13.88	
				54	10.75	10.78	13.78	
			SU	-	11.82	12.09	14.97	24.00
	140	5700	26T	0	7.50	7.80	10.66	20.79
				4	7.71	7.38	10.56	
				8	7.33	7.21	10.28	
			52T	37	9.50	9.23	12.38	
				38	9.68	9.43	12.57	
				40	9.45	9.22	12.35	
			106T	53	10.74	10.77	13.77	
				54	10.73	10.79	13.77	
			SU	-	11.92	12.17	15.06	24.00

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE40	102	5510	26T	0	7.75	6.80	10.31	22.04
				9	7.62	7.12	10.39	
				17	7.48	6.81	10.17	
			52T	37	8.93	7.91	11.46	
				41	8.98	8.15	11.60	
				44	8.75	8.10	11.45	
			106T	53	9.05	8.04	11.58	
				54	9.62	8.87	12.27	
				56	9.22	8.31	11.80	
			242T	61	10.74	10.28	13.53	
				62	10.78	10.29	13.55	
			SU	-	10.69	10.18	13.45	24.00
	118	5590	26T	0	7.81	6.96	10.42	22.04
				9	7.91	7.11	10.54	
				17	7.51	6.79	10.18	
			52T	37	8.05	7.18	10.65	
				41	8.65	7.95	11.32	
				44	8.85	8.06	11.48	
			106T	53	9.45	8.08	11.83	
				54	9.68	8.52	12.15	
				56	9.23	8.38	11.84	
			242T	61	10.76	10.00	13.41	
				62	10.75	10.18	13.48	
			SU	-	10.68	9.98	13.35	24.00
	134	5670	26T	0	7.78	6.87	10.36	22.04
				9	7.97	6.93	10.49	
				17	7.93	7.07	10.53	
			52T	37	8.97	7.75	11.41	
				41	8.99	8.02	11.54	
				44	8.71	7.92	11.34	
			106T	53	9.38	8.33	11.90	
				54	9.77	8.76	12.30	
				56	9.25	8.18	11.76	
			242T	61	10.89	10.06	13.51	
				62	10.82	10.05	13.46	
			SU	-	10.73	9.90	13.35	24.00

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE80	106	5530	26T	0	7.27	6.69	10.00	23.02
				18	7.21	6.54	9.90	
				36	7.59	6.76	10.21	
			52T	37	7.98	7.22	10.63	
				45	7.65	6.56	10.15	
				52	7.65	7.04	10.37	
			106T	53	8.28	7.47	10.90	
				57	8.54	7.78	11.19	
				60	8.05	7.27	10.69	
			242T	61	9.46	8.48	12.01	
				62	9.65	8.91	12.31	
				64	9.45	8.62	12.07	
			484T	65	8.93	8.04	11.52	
				66	9.53	8.65	12.12	
			SU	-	9.05	8.58	11.83	24.00
	122	5610	26T	0	7.99	6.87	10.48	23.02
				18	7.65	6.60	10.17	
				36	7.65	6.97	10.33	
			52T	37	7.06	6.05	9.59	
				45	7.62	6.58	10.14	
				52	7.85	7.15	10.52	
			106T	53	8.35	7.41	10.92	
				57	8.67	7.58	11.17	
				60	8.01	7.57	10.81	
			242T	61	9.32	8.48	11.93	
				62	9.78	8.51	12.20	
				64	9.66	8.74	12.23	
			484T	65	9.15	7.92	11.59	
				66	9.31	8.36	11.87	
			SU	-	9.31	8.57	11.97	24.00

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

PPSD Results

Actual RBW	Ref. Bandwidth	Corr'd factor
100 kHz	1000 kHz	10.00 dB

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas PPSD [dBm/100kHz]		Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
					ANT1	ANT2		
HE20	100	5500	26T	0	-5.535	-5.614	7.436	11.00
				4	-5.752	-5.326	7.477	
				8	-5.942	-5.534	7.277	
			SU	-	-10.139	-10.096	2.993	
	116	5580	26T	0	-5.763	-6.044	7.109	
				4	-5.745	-4.967	7.672	
				8	-5.664	-5.847	7.256	
			SU	-	-9.922	-10.112	3.094	
	140	5700	26T	0	-5.719	-6.016	7.145	
				4	-4.983	-5.662	7.701	
				8	-5.015	-5.757	7.640	
			SU	-	-10.412	-10.439	2.685	
HE40	102	5510	26T	0	-5.143	-4.347	8.284	
				9	-5.121	-5.015	7.943	
				17	-4.967	-4.466	8.301	
			SU	-	-14.208	-14.069	-1.028	
	118	5590	26T	0	-4.882	-5.128	8.007	
				9	-5.369	-4.752	7.961	
				17	-5.259	-5.074	7.845	
			SU	-	-14.059	-14.112	-0.975	
	134	5670	26T	0	-5.136	-5.469	7.711	
				9	-5.101	-5.377	7.773	
				17	-4.364	-5.165	8.264	
			SU	-	-14.531	-14.617	-1.463	
HE80	106	5530	26T	0	-4.912	-4.894	8.107	
				18	-5.815	-6.050	7.079	
				36	-4.971	-4.622	8.217	
			SU	-	-18.480	-18.777	-5.516	
	122	5610	26T	0	-4.424	-4.830	8.388	
				18	-5.824	-5.900	7.148	
				36	-5.106	-4.778	8.071	
			SU	-	-18.793	-18.961	-5.766	

* Calculation of PPSD result : Total Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [dB]

10.2.10. 802.11ax 2Tx (MIMO) MODE STRADDLE CHANNEL

Bandwidth and Antenna Gain, Limits

Frequency [MHz]	Portion	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit
5720(HE20)	UNII-2C	13.068	-2.47	22.16	11.00 [dBm/MHz]
	UNII-3	3.244	-2.52	30.00	30.00 [dBm/500kHz]
5710(HE40)	UNII-2C	14.300	-2.47	22.55	11.00 [dBm/MHz]
	UNII-3	3.354	-2.52	30.00	30.00 [dBm/500kHz]
5690(HE80)	UNII-2C	14.536	-2.47	22.62	11.00 [dBm/MHz]
	UNII-3	4.050	-2.52	30.00	30.00 [dBm/500kHz]

Included in Calculations of Corr'd Power & PPSD				
Duty Cycle CF [dB]	HE20	26T	-	dB
		SU	0.10	dB
	HE40	26T	-	dB
		SU	0.10	dB
	HE80	26T	-	dB
		SU	0.10	dB

Output Power Results

Frequency [MHz]	Portion	Tones	RU offset	Meas Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
5720	UNII-2C	26T	6	5.959	6.091	9.036	22.16
		SU	-	10.344	10.294	13.429	
	UNII-3	26T	6	-0.870	-0.733	2.209	30.00
		SU	-	5.099	5.039	8.179	
5710	UNII-2C	26T	15	7.349	7.629	10.502	22.55
		SU	-	9.551	9.148	12.464	
	UNII-3	26T	15	-6.460	-6.111	-3.272	30.00
		SU	-	-0.362	-0.503	2.678	
5690	UNII-2C	26T	34	6.310	5.983	9.160	22.62
		SU	-	7.843	8.242	11.157	
	UNII-3	26T	34	-7.642	-7.388	-4.503	30.00
		SU	-	-6.056	-5.552	-2.686	

* Calculation of Output Power : Total Corr'd Power = Ant1 Power + Ant2 Power + Duty CF [dB]

PPSD Results

Frequency [MHz]	Portion	Tones	RU offset	Meas PPSD [dBm/MHz]		Total Corr'd PPSD [dBm/MHz]	PPSD Limit [dBm/MHz]
				ANT1	ANT2		
5720	UNII-2C	26T	6	5.023	5.095	8.069	11.00
		SU	-	0.121	0.169	3.255	
	*UNII-3	26T	6	1.115	1.907	4.539	30.00
		SU	-	-3.190	-2.816	0.111	
5710	UNII-2C	26T	15	5.636	5.667	8.662	11.00
		SU	-	-3.940	-3.894	-0.807	
	*UNII-3	26T	15	-7.122	-6.513	-3.797	30.00
		SU	-	-7.444	-7.681	-4.451	
5690	UNII-2C	26T	34	5.675	5.370	8.535	11.00
		SU	-	-8.524	-9.614	-5.925	
	*UNII-3	26T	34	-6.722	-7.194	-3.941	30.00
		SU	-	-12.819	-12.859	-9.729	

Note: * For UNII-3, the unit of PPSD is [dBm/500kHz].
Calculation of PPSD result : Total Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [dB]

10.2.11. 802.11ax 2Tx (MIMO) MODE 5.8 GHz BAND

Bandwidth and Antenna Gain, Limits

Mode	Channel	Frequency [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/500kHz]
HE20	Low	5745	-2.52	30.00	30.00
	Mid	5785			
	High	5825			
HE40	Low	5755			
	High	5795			
HE80	Mid	5775			

Included in Calculations of Corr'd [Power & PPSD]				
Duty Cycle CF [dB]	HE20	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		SU	0.10	dB
	HE80	26T	-	dB
		52T	-	dB
		106T	0.09	dB
		242T	0.10	dB
		484T	0.10	dB
		SU	0.10	dB

Output Power Results

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE20	149	5745	26T	0	6.51	7.26	9.91	30.00
				4	7.53	7.79	10.67	
				8	7.33	7.84	10.60	
			52T	37	9.23	9.46	12.36	
				38	9.31	9.59	12.46	
				40	9.03	9.39	12.22	
			106T	53	10.83	11.17	14.01	
				54	10.73	11.05	13.90	
			SU	-	11.95	12.31	15.14	
	157	5785	26T	0	7.58	7.39	10.50	
				4	7.72	7.81	10.78	
				8	7.42	7.46	10.45	
			52T	37	9.11	9.86	12.51	
				38	9.58	9.32	12.46	
				40	9.06	9.10	12.09	
			106T	53	10.88	10.90	13.90	
				54	10.89	10.94	13.93	
			SU	-	12.03	12.14	15.10	
	165	5825	26T	0	7.18	7.36	10.28	
				4	7.52	7.80	10.67	
				8	7.18	7.50	10.35	
			52T	37	9.36	9.30	12.34	
				38	9.53	9.54	12.55	
				40	9.30	9.37	12.35	
			106T	53	10.90	10.86	13.89	
				54	10.76	10.95	13.87	
			SU	-	11.95	12.10	15.04	

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

Mode	Channel	Frequency [MHz]	Tones	RU offset	Average Power [dBm]		Total Corr'd Power [dBm]	Power Limit [dBm]
					ANT1	ANT2		
HE40	151	5755	26T	0	7.28	6.25	9.81	30.00
				9	7.82	6.57	10.25	
				17	7.73	6.94	10.36	
			52T	37	8.85	7.67	11.31	
				41	8.99	7.76	11.43	
				44	8.75	7.99	11.40	
			106T	53	9.23	8.23	11.77	
				54	9.71	8.80	12.29	
				56	9.13	8.30	11.75	
			242T	61	10.98	10.21	13.62	
				62	10.99	10.15	13.60	
			SU	-	10.95	10.05	13.53	
	159	5795	26T	0	7.57	7.04	10.32	
				9	7.91	7.18	10.57	
				17	7.35	6.80	10.09	
			52T	37	8.55	8.11	11.35	
				41	8.91	8.36	11.65	
				44	8.65	8.03	11.36	
			106T	53	8.91	8.43	11.69	
				54	9.55	9.22	12.40	
				56	9.05	8.21	11.66	
			242T	61	10.87	10.29	13.60	
				62	10.90	10.30	13.62	
			SU	-	10.88	10.29	13.61	
HE80	155	5775	26T	0	7.65	6.82	10.27	
				18	7.55	6.65	10.13	
				36	7.89	6.93	10.45	
			52T	37	7.81	7.16	10.51	
				45	7.51	6.63	10.10	
				52	7.98	7.03	10.54	
			106T	53	8.05	7.35	10.72	
				57	8.47	8.01	11.26	
				60	8.18	7.23	10.74	
			242T	61	9.31	8.55	11.96	
				62	9.33	9.08	12.22	
				64	9.31	8.69	12.02	
			484T	65	9.03	8.75	11.90	
				66	9.68	8.68	12.22	
			SU	-	9.15	8.38	11.79	

* Calculation of Output Power :
Average Power = Measured Power + Duty CF [dB]
Total Corr'd Power = Ant1's Average Power + Ant2's Average Power

PPSD Results

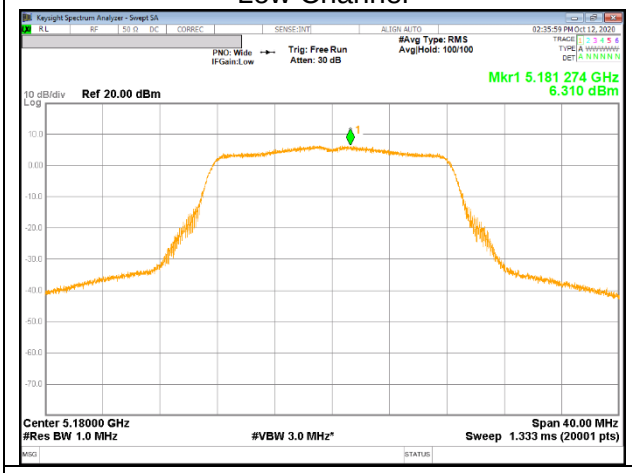
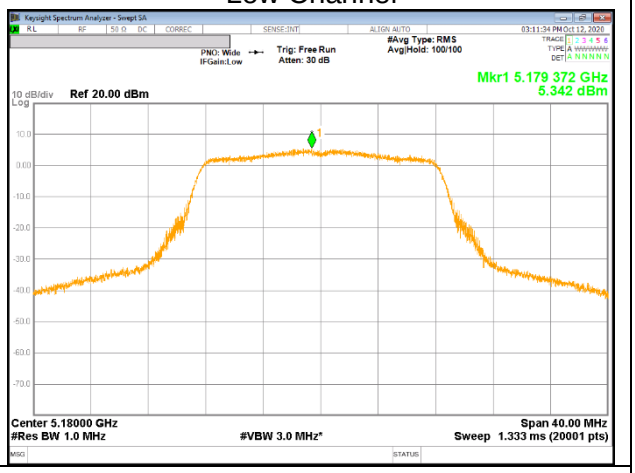
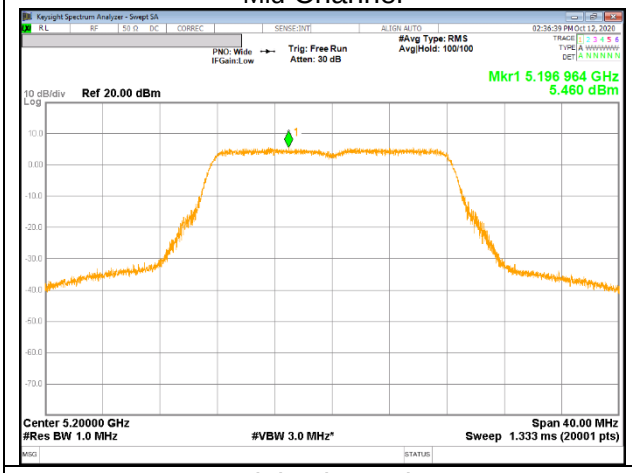
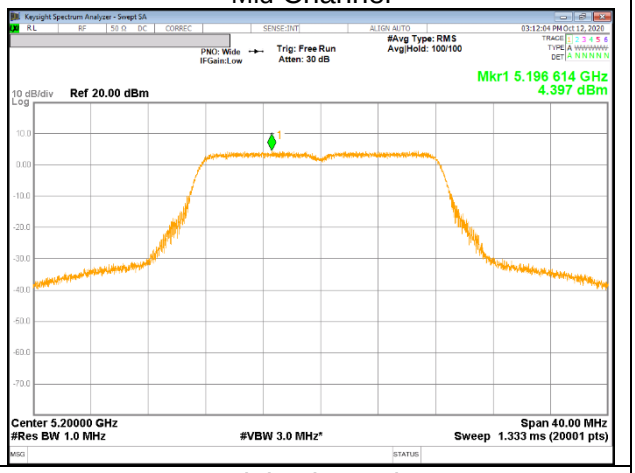
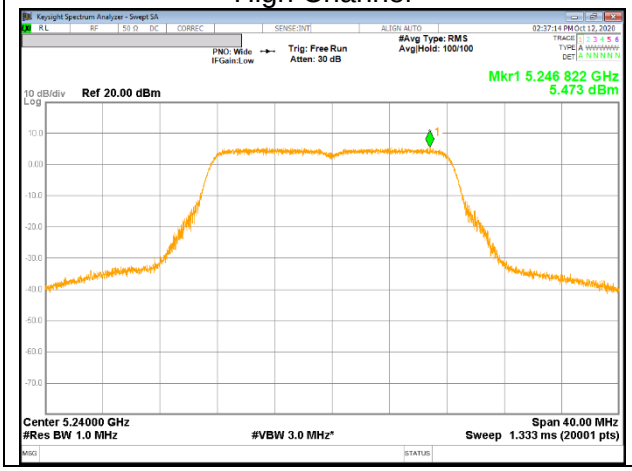
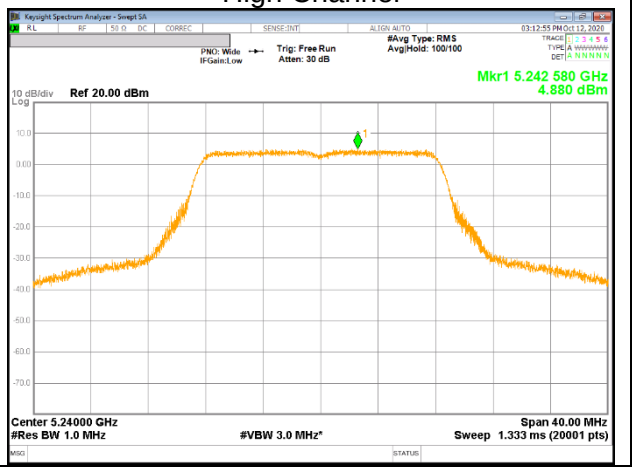
Actual RBW	Ref. Bandwidth	Corr'd factor
100 kHz	500 kHz	6.99 dB

Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas PPSD [dBm/100kHz]		Corr'd PPSD [dBm/500kHz]	PPSD Limit [dBm/ 500kHz]
					ANT1	ANT2		
HE20	149	5745	26T	0	-5.708	-5.673	4.310	30.00
				4	-5.518	-5.202	4.643	
				8	-5.559	-5.850	4.298	
			SU	-	-10.225	-10.096	-0.060	
	157	5785	26T	0	-5.930	-5.945	4.063	
				4	-5.162	-5.511	4.667	
				8	-5.487	-5.789	4.365	
			SU	-	-10.100	-10.448	-0.170	
	165	5825	26T	0	-5.620	-6.302	4.053	
				4	-5.392	-5.522	4.544	
				8	-5.841	-5.903	4.128	
			SU	-	-10.213	-10.770	-0.382	
HE40	151	5755	26T	0	-4.781	-5.469	4.889	
				9	-5.444	-5.561	4.498	
				17	-4.711	-4.836	5.227	
			SU	-	-14.130	-14.224	-4.076	
	159	5795	26T	0	-5.234	-5.526	4.623	
				9	-3.691	-5.392	5.542	
				17	-5.241	-6.186	4.312	
			SU	-	-13.654	-14.451	-3.934	
HE80	155	5775	26T	0	-5.210	-4.558	5.129	
				18	-5.605	-6.037	4.185	
				36	-4.779	-4.618	5.303	
			SU	-	-18.766	-19.689	-9.103	

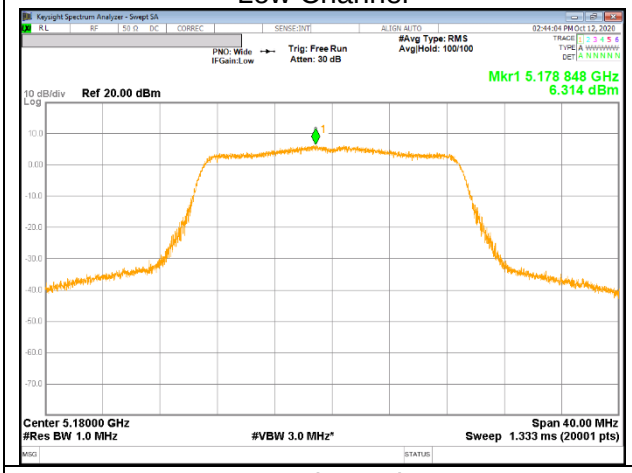
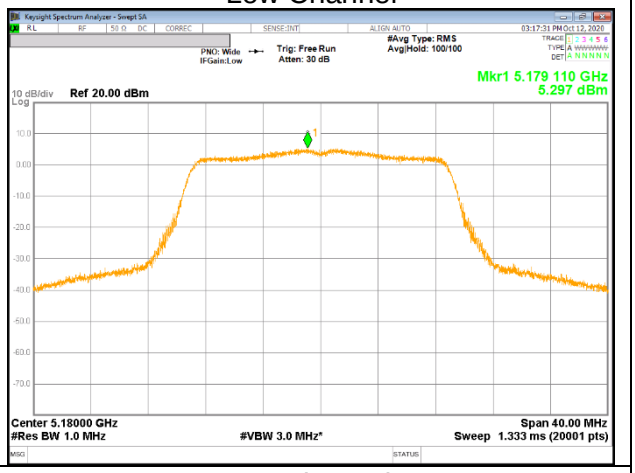
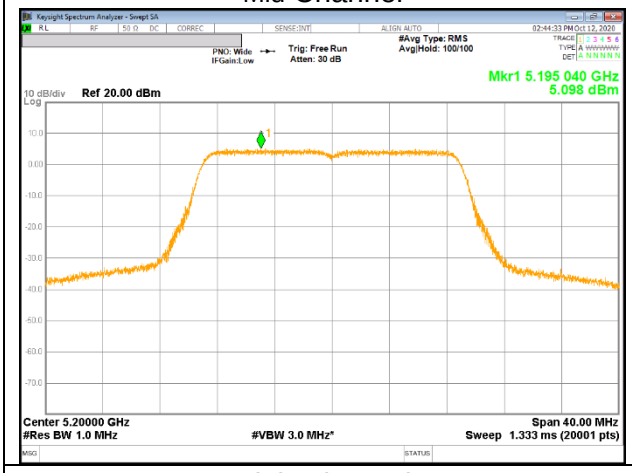
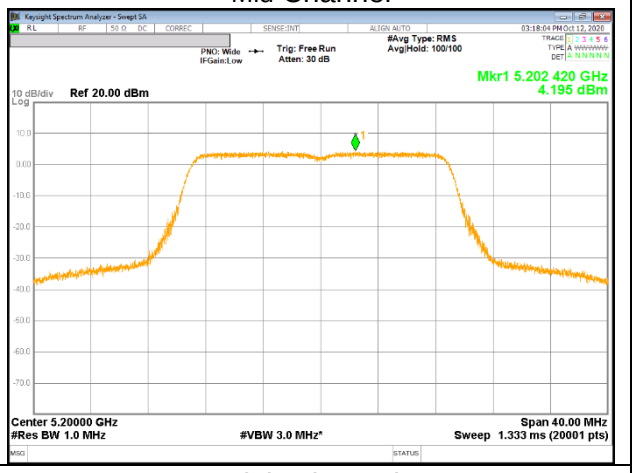
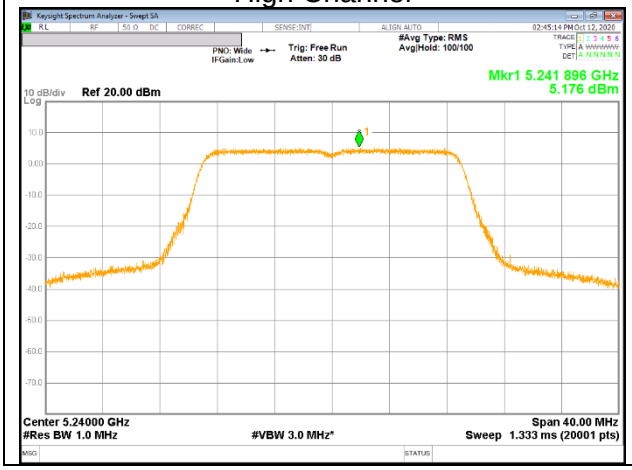
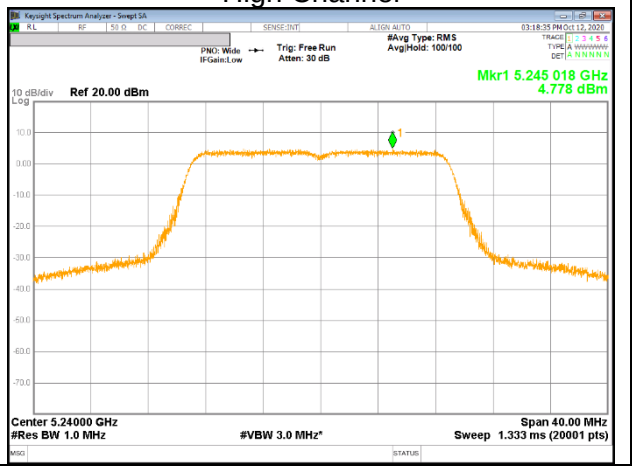
* Calculation of PPSD result : Total Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [dB]

10.2.12. OUTPUT POWER AND PPSD PLOTS

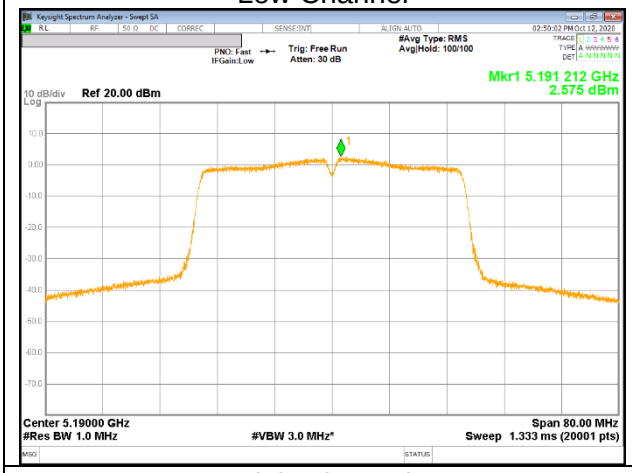
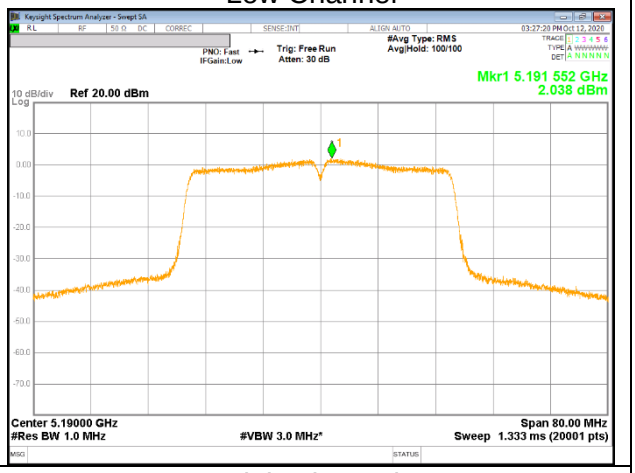
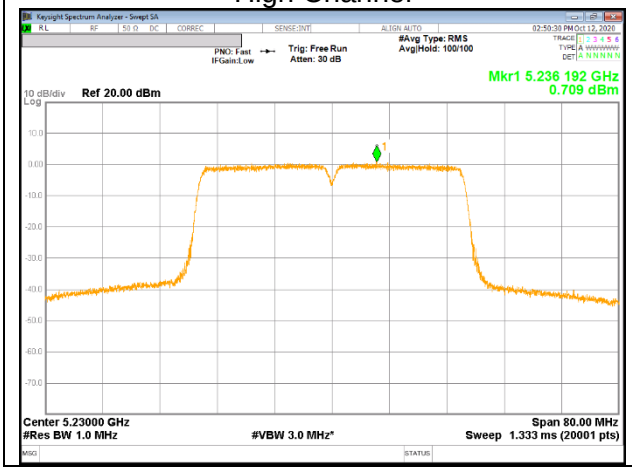
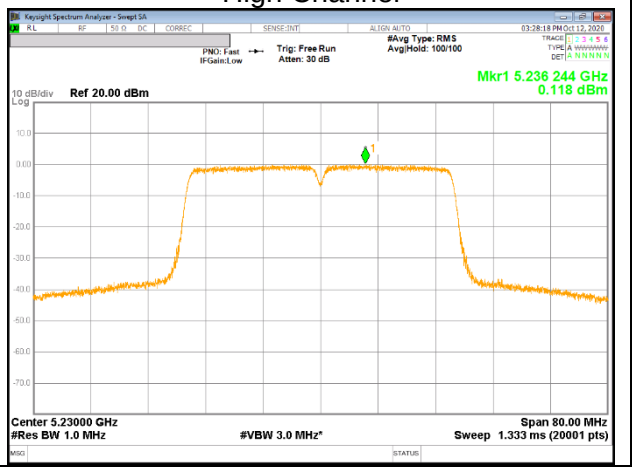
UNII 5.2 GHz IEEE 802.11a mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

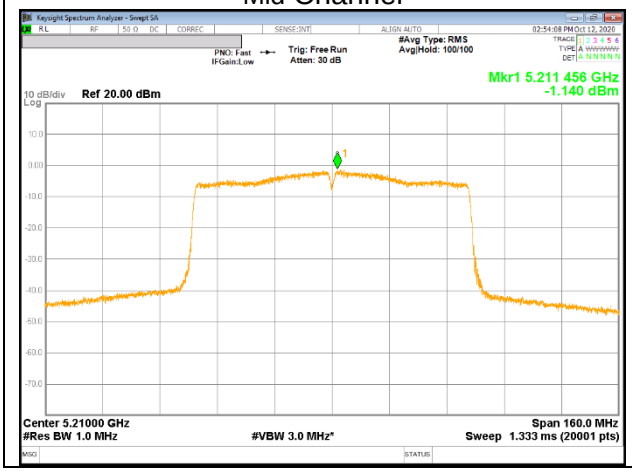
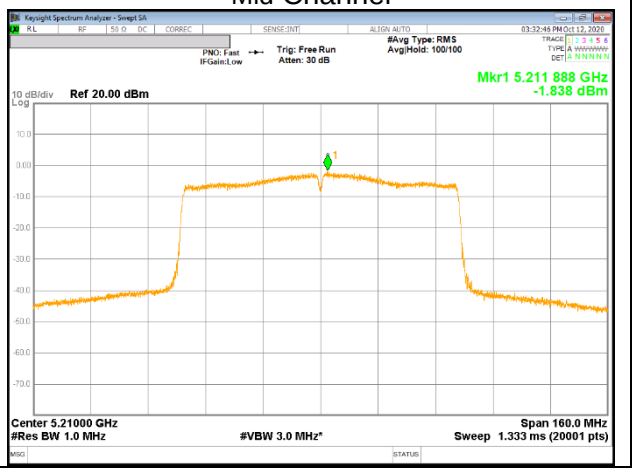
UNII 5.2 GHz IEEE 802.11n HT20 mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

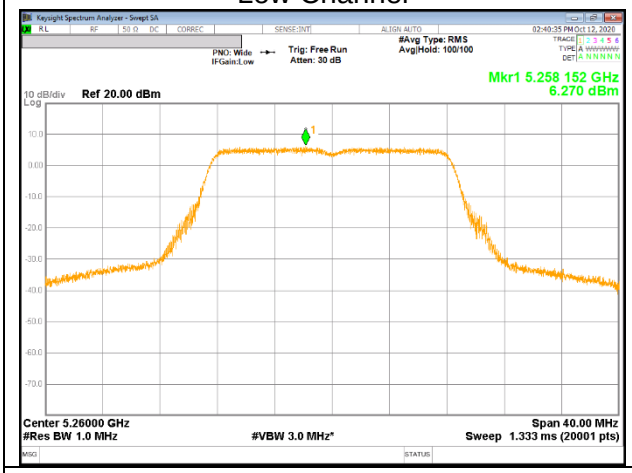
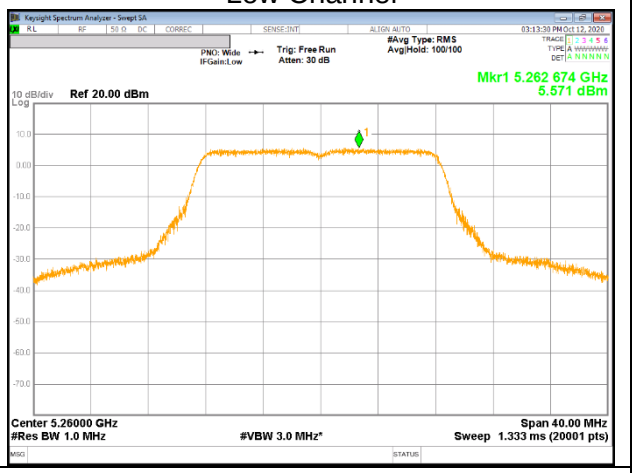
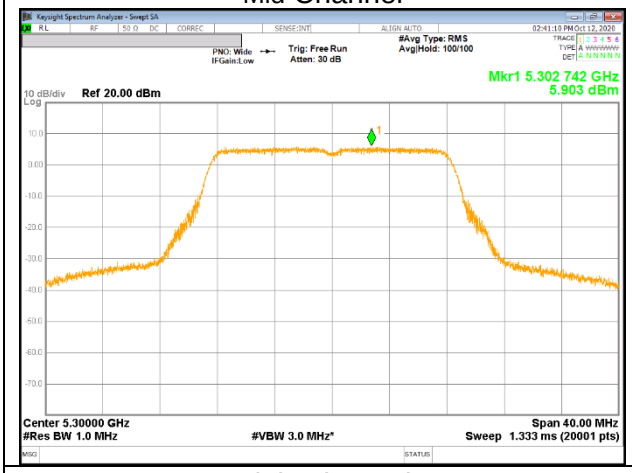
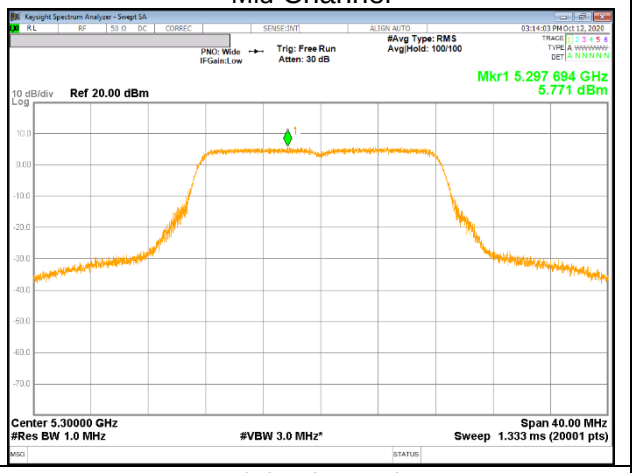
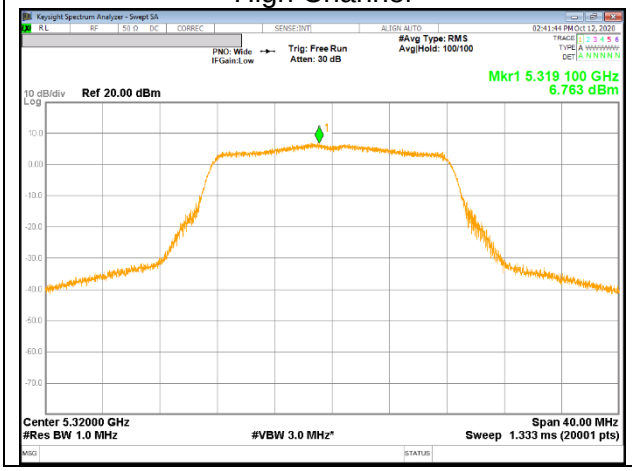
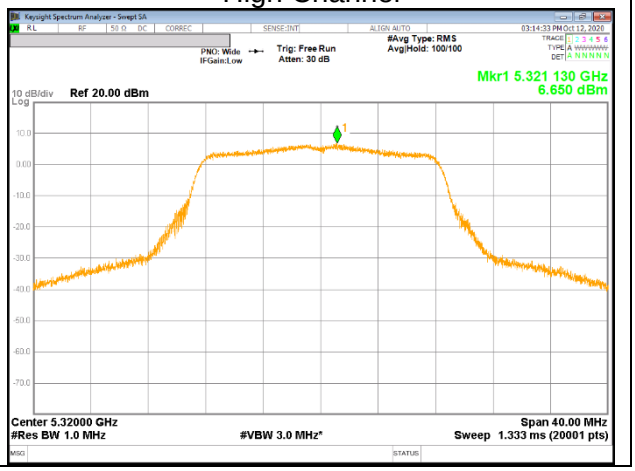
UNII 5.2 GHz IEEE 802.11n HT40 mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

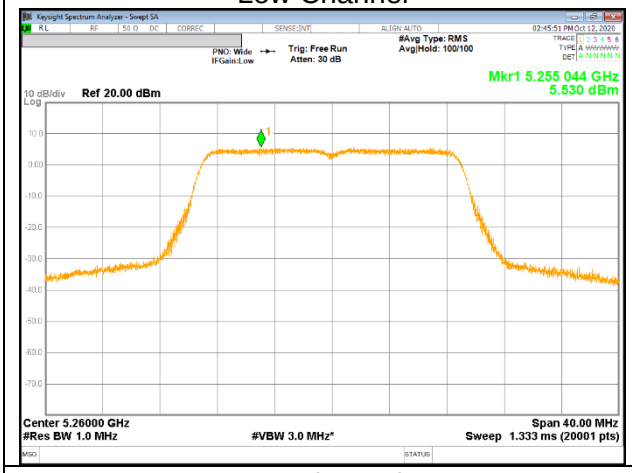
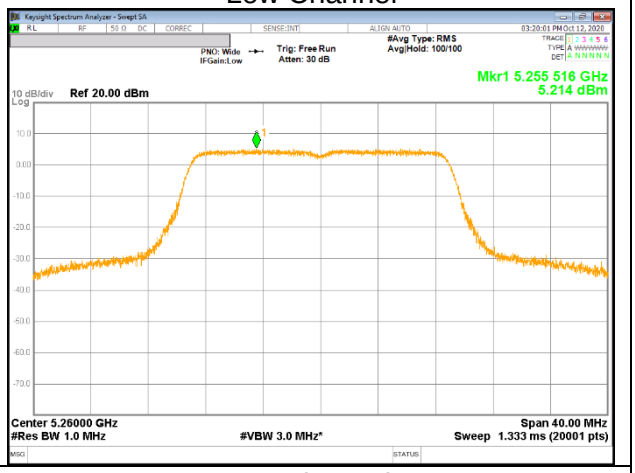
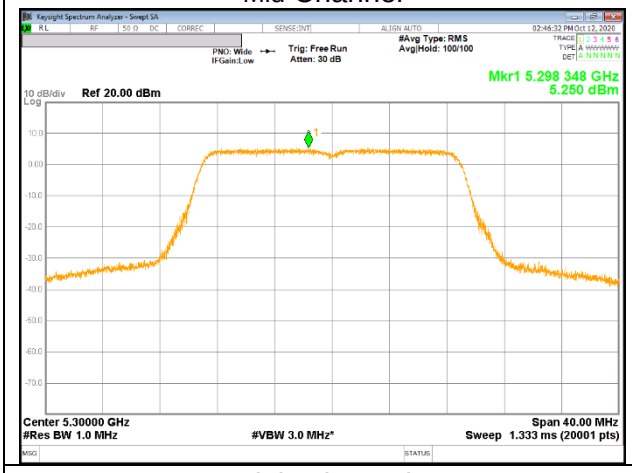
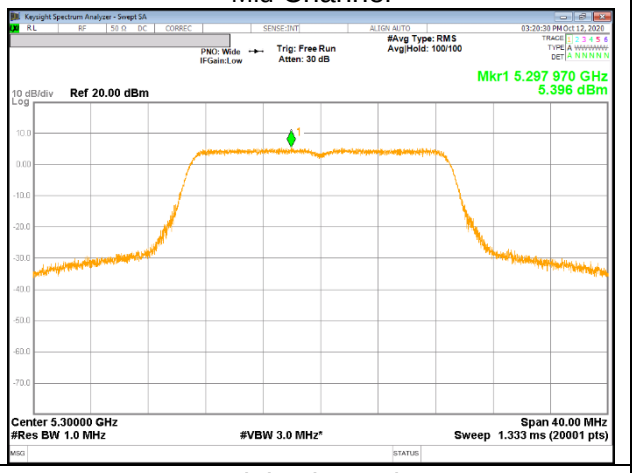
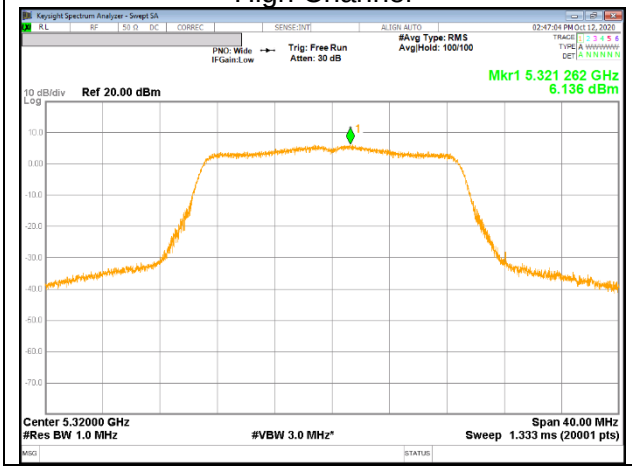
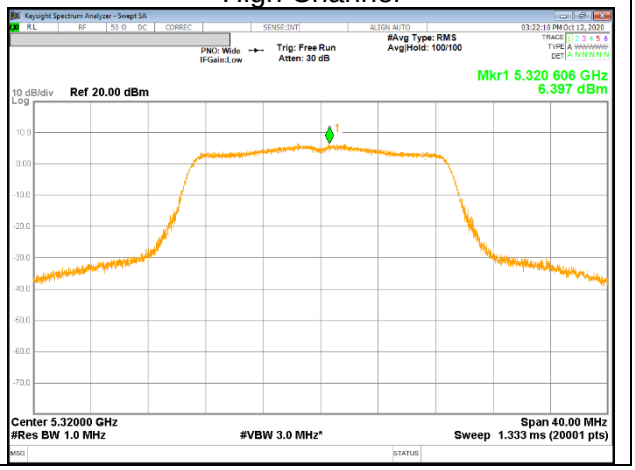
UNII 5.2 GHz IEEE 802.11ac VHT80 mode PSD

ANT1	ANT2
Mid Channel	Mid Channel
	

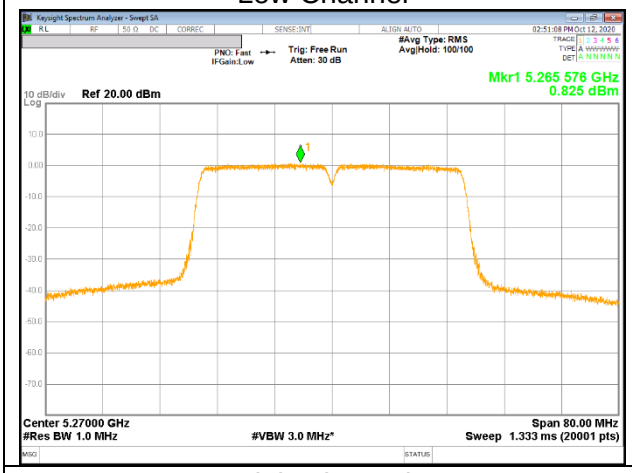
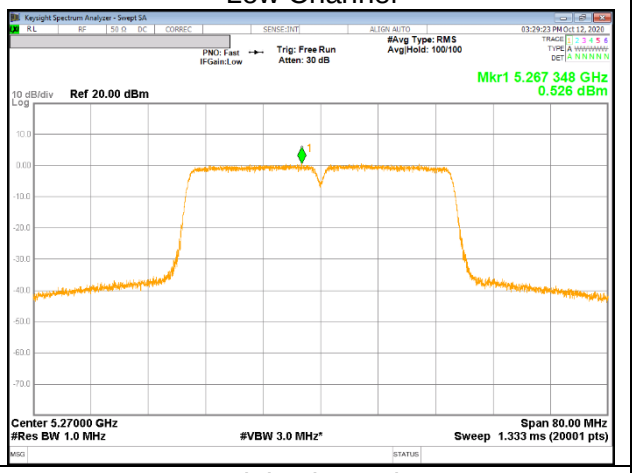
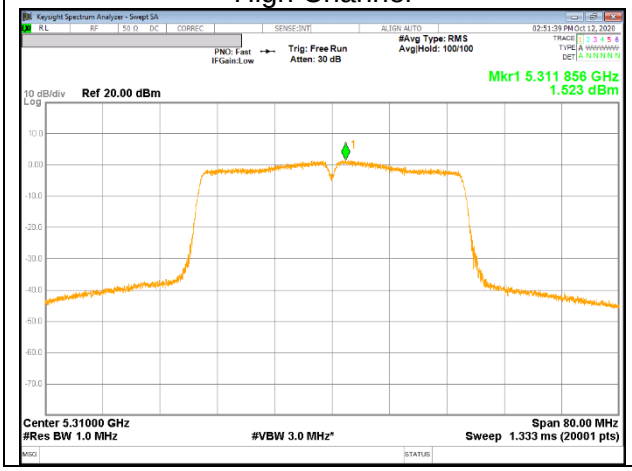
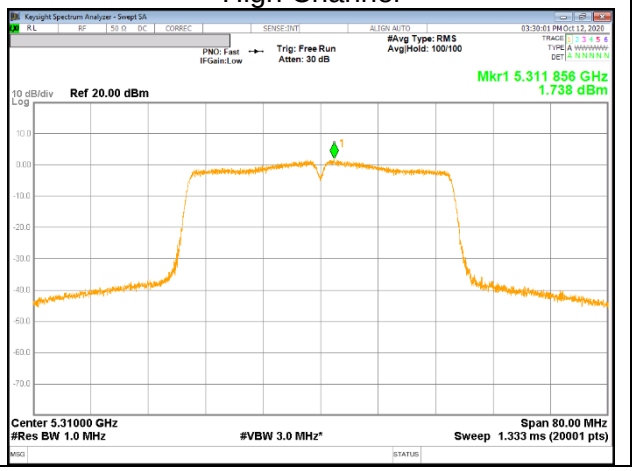
UNII 5.3 GHz IEEE 802.11a mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

UNII 5.3 GHz IEEE 802.11n HT20 mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
Mid Channel	Mid Channel
	
High Channel	High Channel
	

UNII 5.3 GHz IEEE 802.11n HT40 mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

UNII 5.3 GHz IEEE 802.11ac VHT80 mode PSD

ANT1	ANT2
Mid Channel	Mid Channel