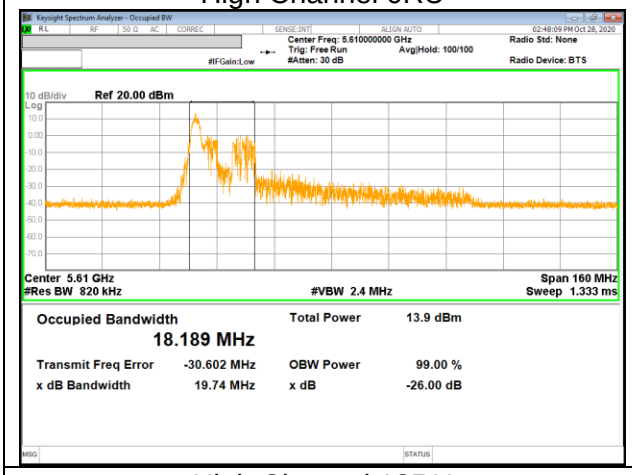
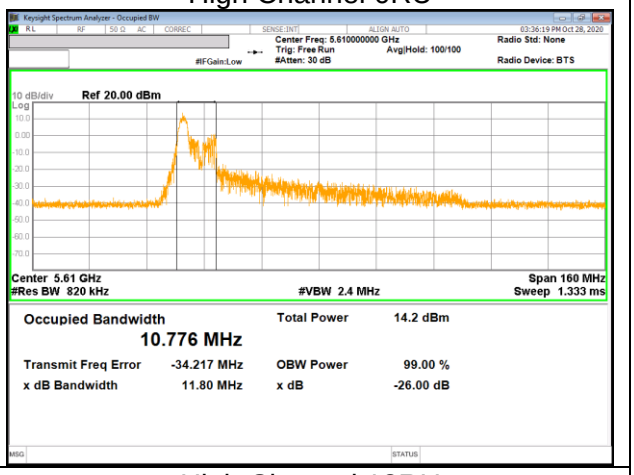
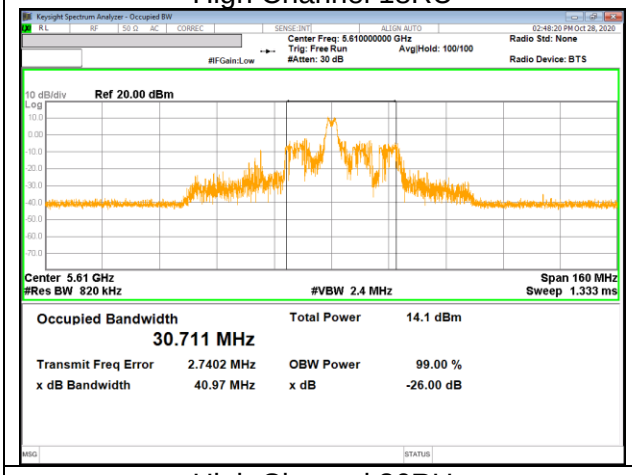
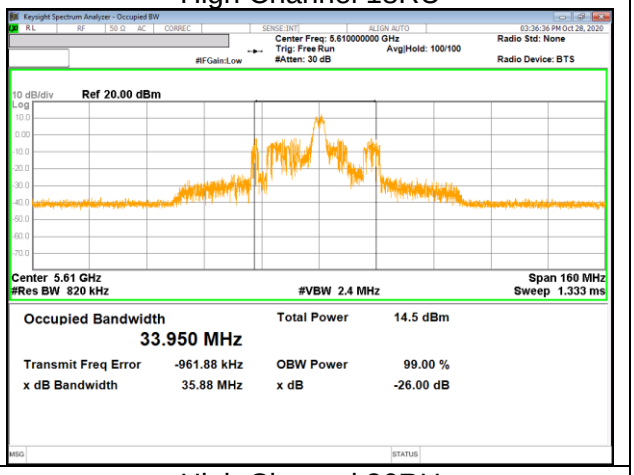
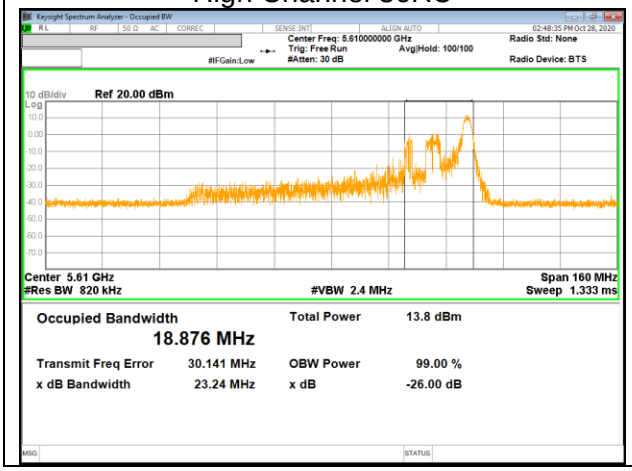
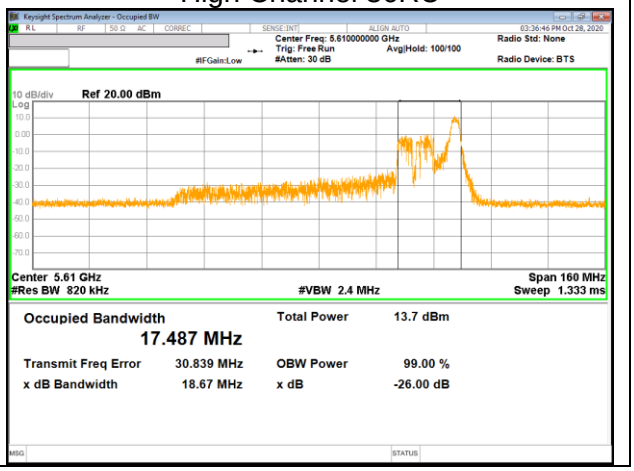
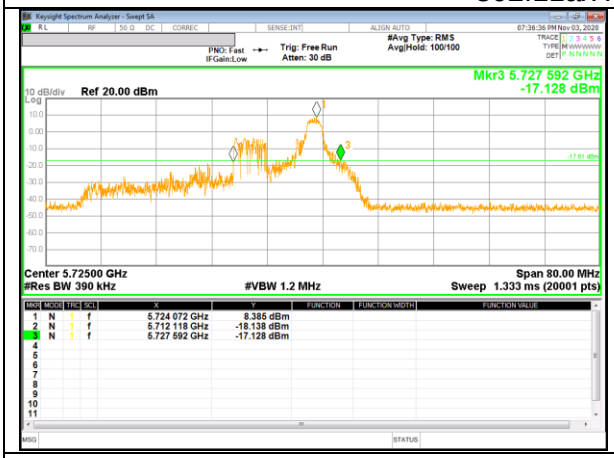
ANT1	ANT2
High Channel 0RU	High Channel 0RU
	
High Channel 18RU	High Channel 18RU
	
High Channel 36RU	High Channel 36RU
	

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

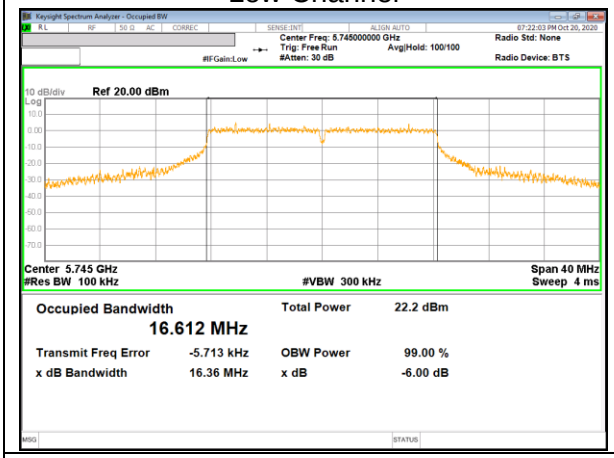
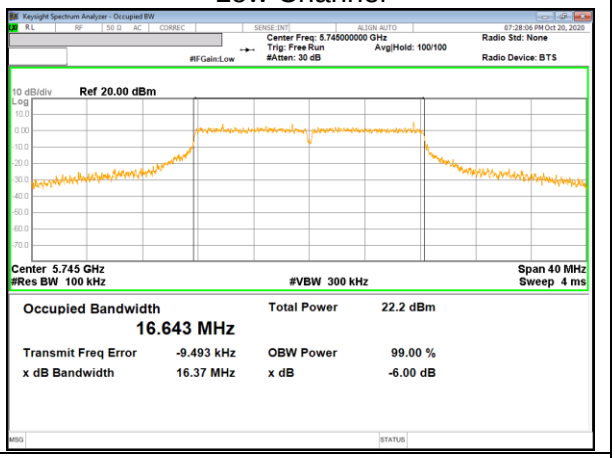
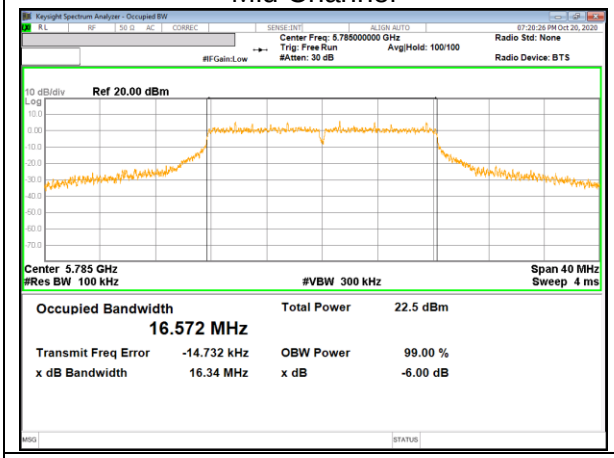
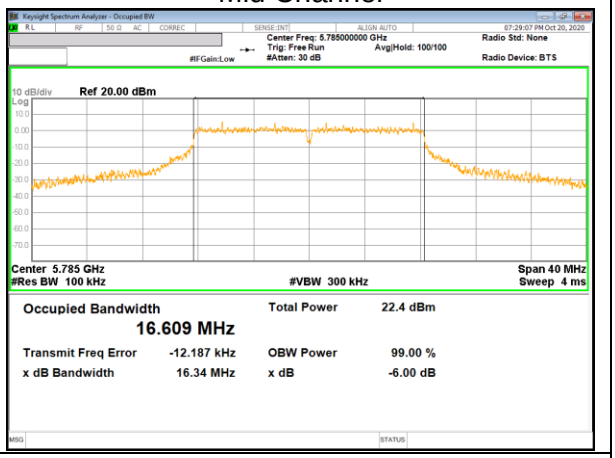
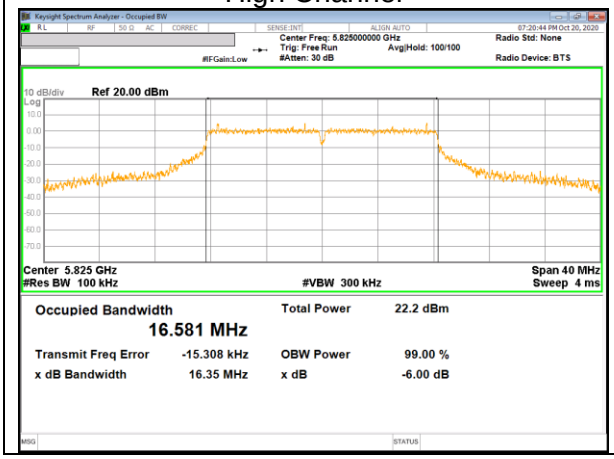
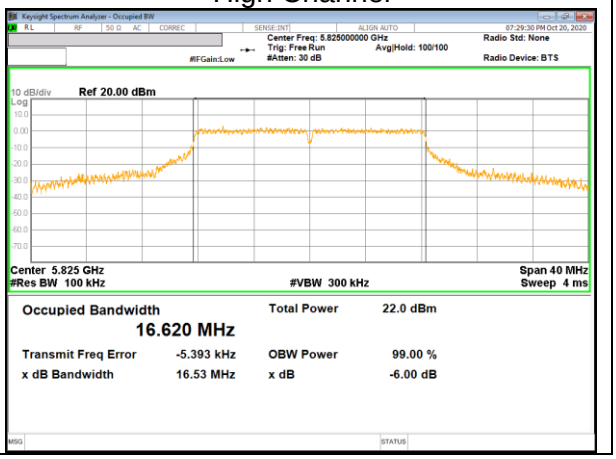
Band	Mode	Channel	Center Freq. [MHz]	6 dB BW [MHz]		Worst	Minimum Limit [MHz]
				ANT1	ANT2		
UNII-3	802.11a	Low	5745	16.36	16.37	16.34	0.5
		Mid	5785	16.34	16.34		
		High	5825	16.35	16.53		
	802.11n HT20	Low	5745	17.60	17.60	17.56	
		Mid	5785	17.56	17.59		
		High	5825	17.58	17.67		
	802.11n HT40	Low	5755	36.32	36.31	35.89	
		High	5795	35.89	36.32		
	802.11ac VHT80	Mid	5775	75.66	75.48	75.48	
	802.11ax HE20(SU)	Low	5745	18.94	18.96	18.86	
		Mid	5785	18.96	18.91		
		High	5825	18.92	18.86		
	802.11ax HE40(SU)	Low	5755	37.14	36.58	36.58	
		High	5795	37.30	36.93		
	802.11ax HE80(SU)	Mid	5775	77.20	76.89	76.89	

10.1.2. 802.11ax 5.8 GHz Band(RU)

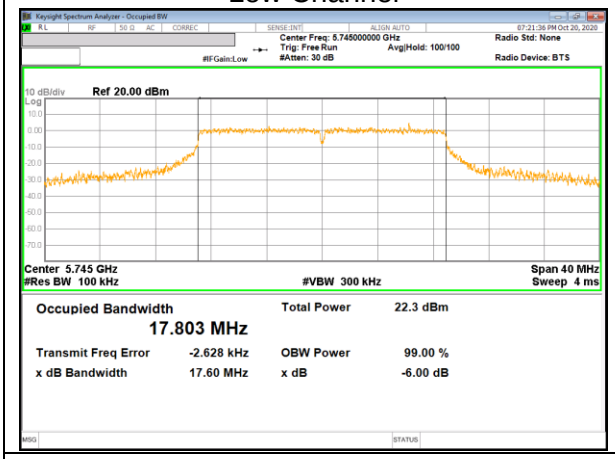
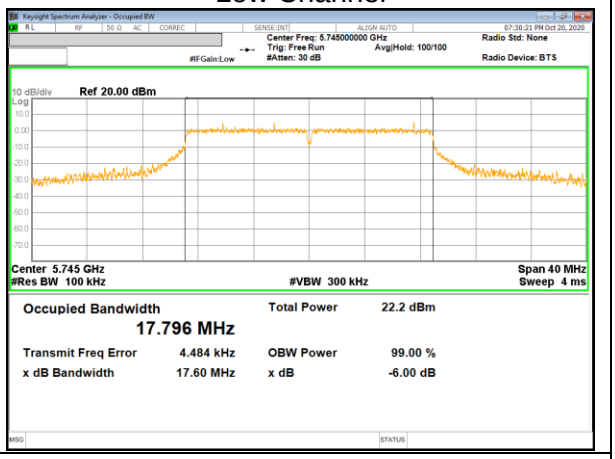
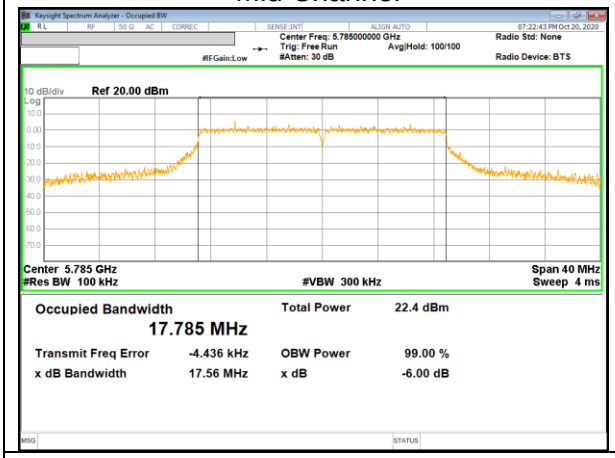
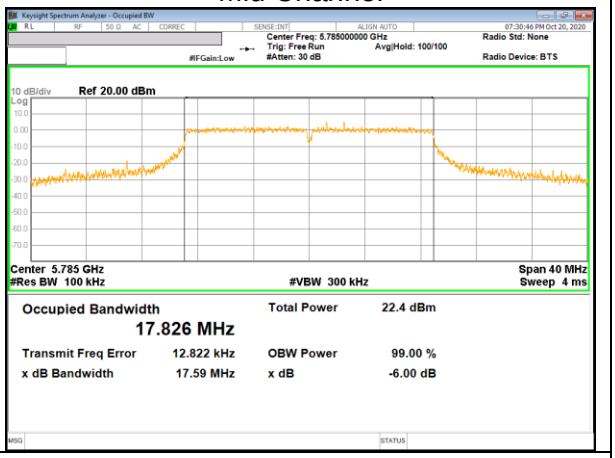
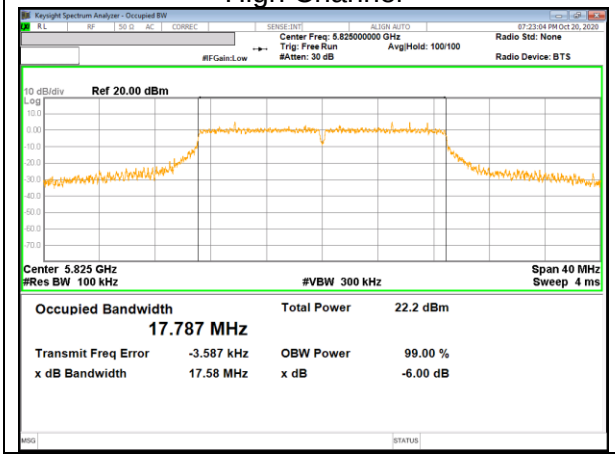
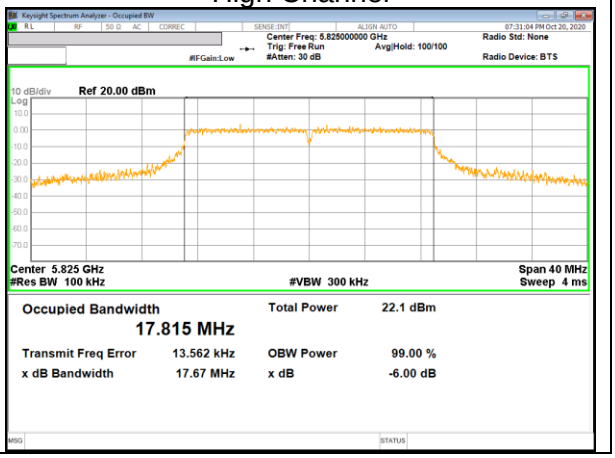
Band	Mode	Channel	Tones	RU offset	6 dB BW [MHz]		Minimum Limit [MHz]
					ANT1	ANT2	
UNII-3	HE20	Low	26T	0	2.063	1.929	0.5
		Mid			2.020	2.035	
		High			2.054	2.074	
		Minimum 6dB Bandwidth			1.929		
	HE40	Low	26T	0	2.053	1.973	
		High			1.950	1.975	
		Minimum 6dB Bandwidth			1.950		
	HE80	Mid	26T	0	2.026	1.986	
		Minimum 6dB Bandwidth			1.986		

10.1.3. 6 dB BANDWIDTH PLOTS

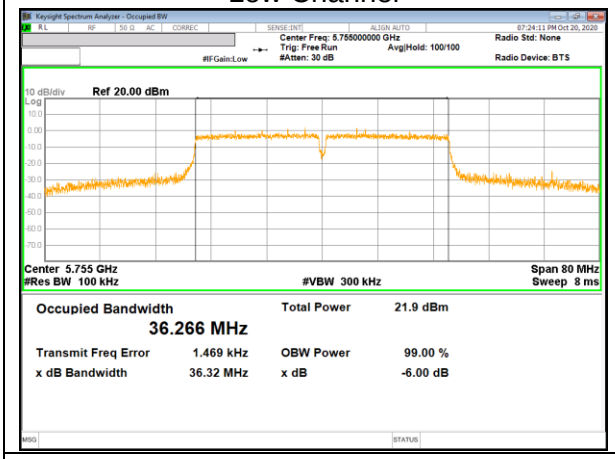
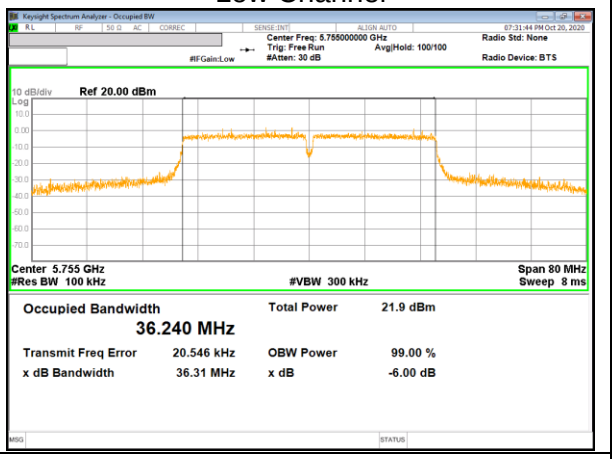
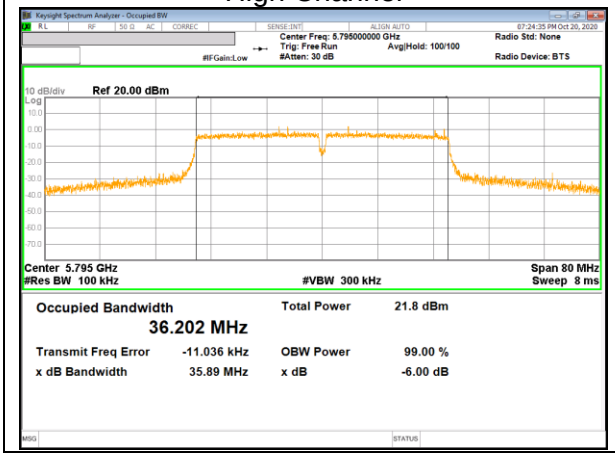
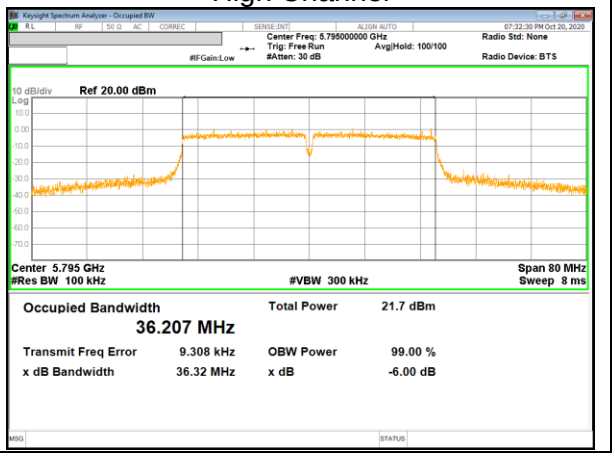
UNII 5.8 GHz IEEE 802.11a mode

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

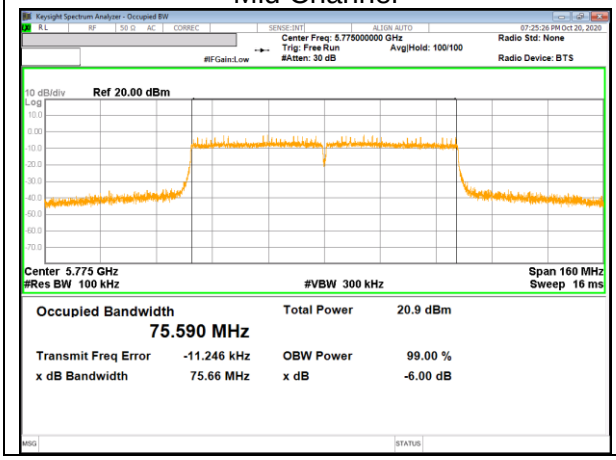
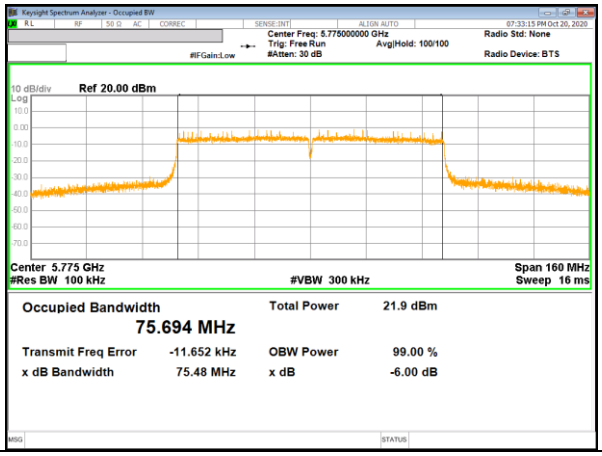
UNII 5.8 GHz IEEE 802.11n HT20 mode

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

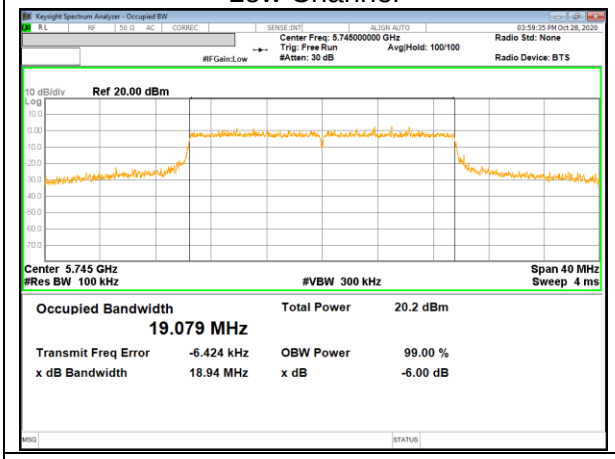
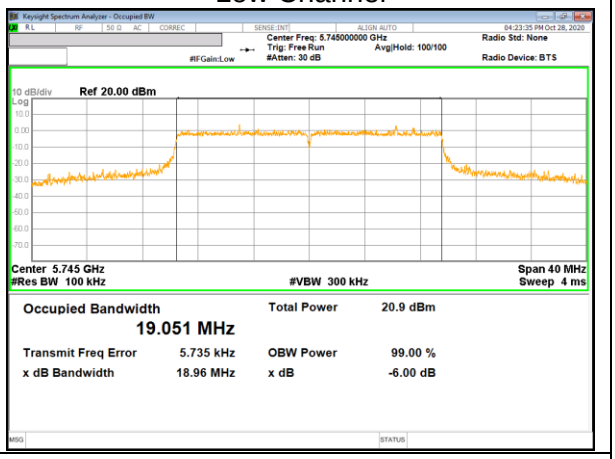
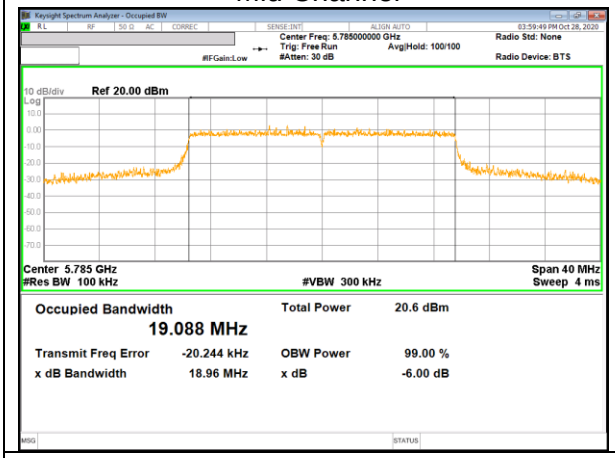
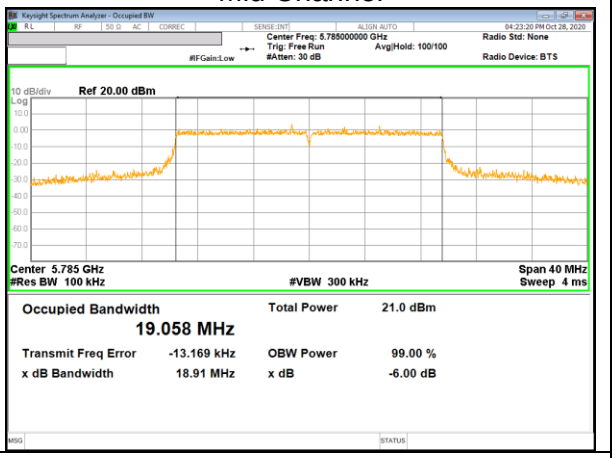
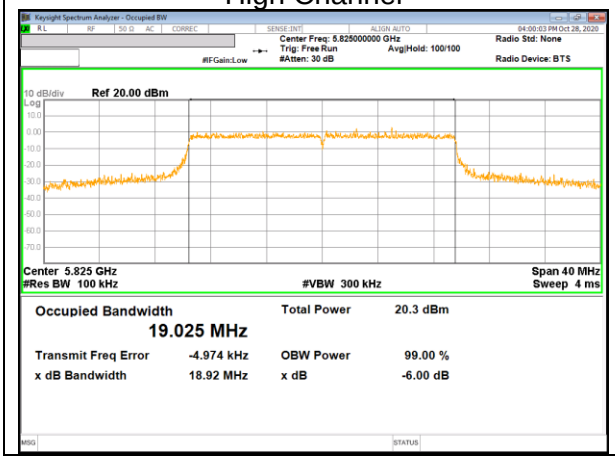
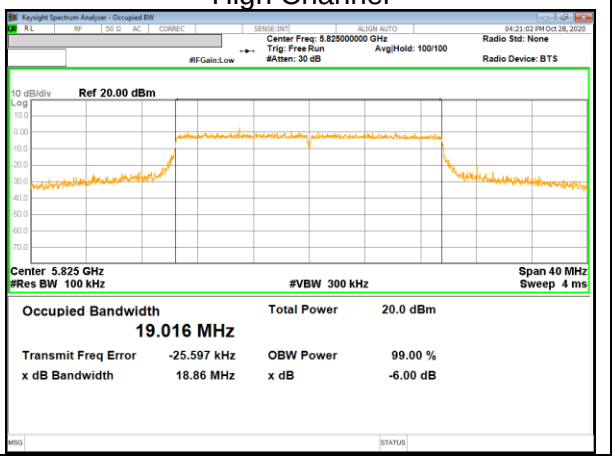
UNII 5.8 GHz IEEE 802.11n HT40 mode

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

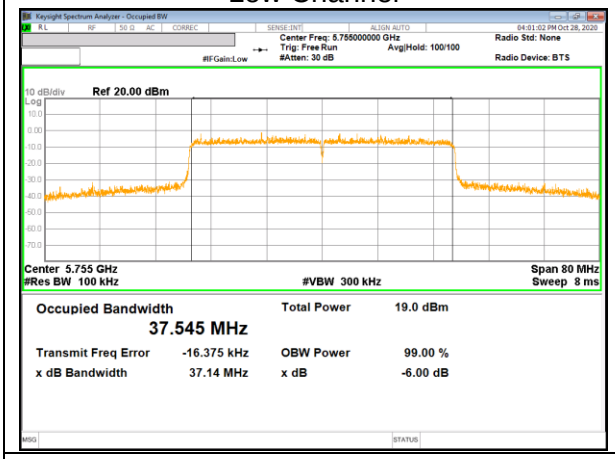
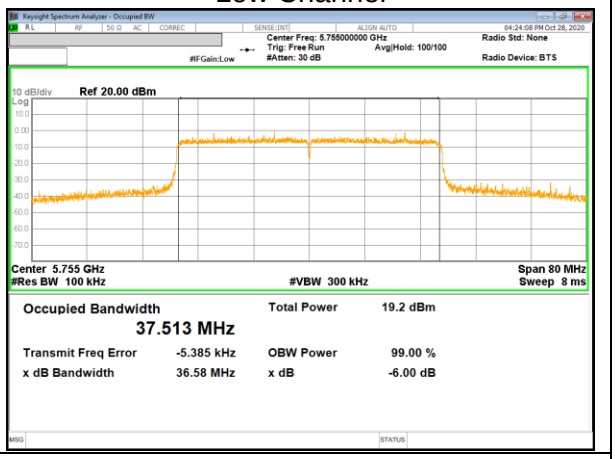
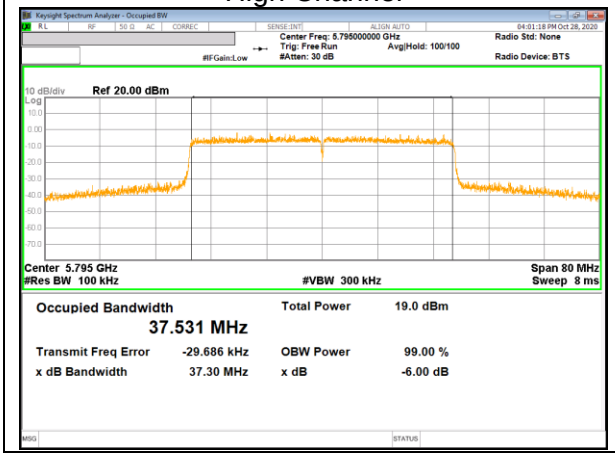
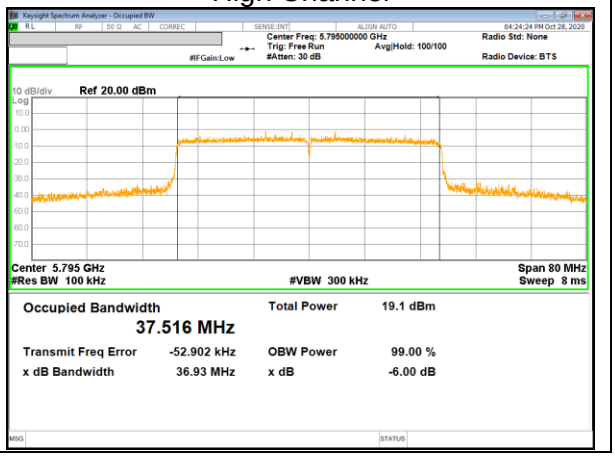
UNII 5.8 GHz IEEE 802.11ac VHT80 mode

ANT1	ANT2
Mid Channel	Mid Channel
	

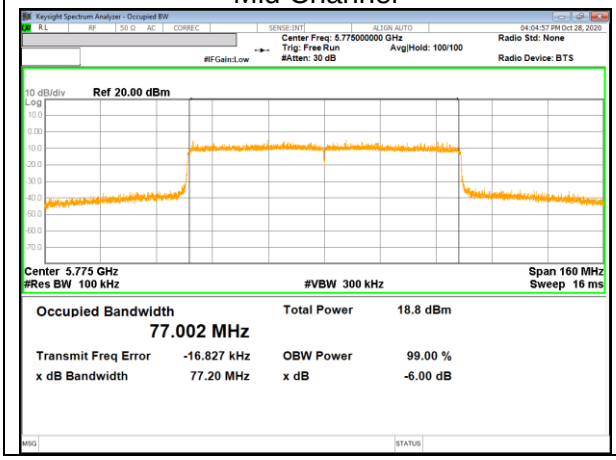
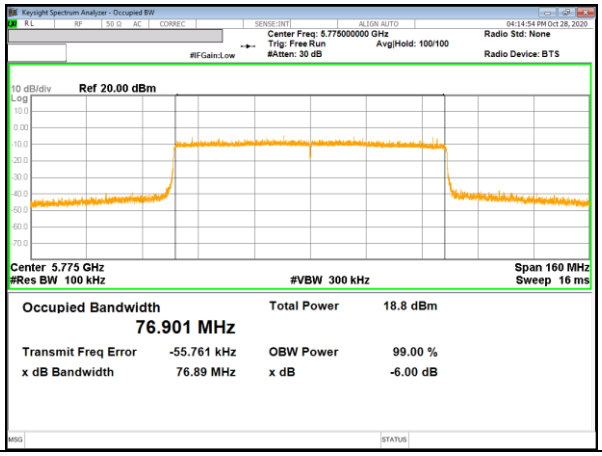
UNII 5.8 GHz IEEE 802.11ax HE20(SU) mode

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

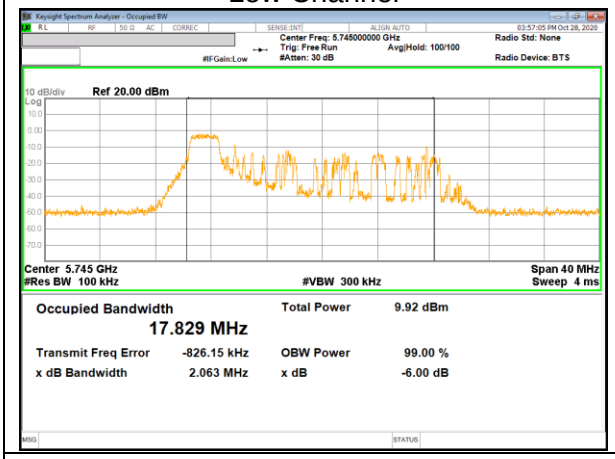
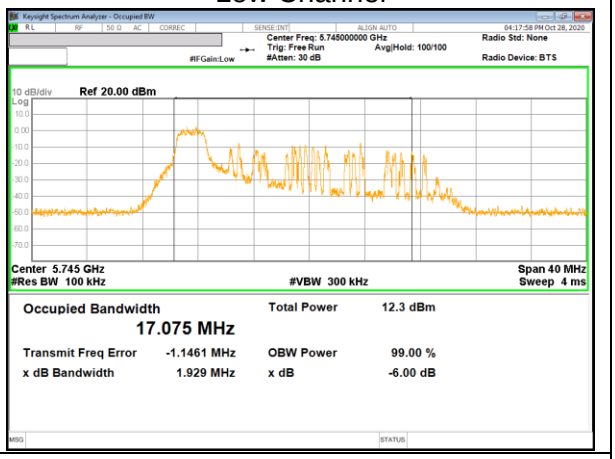
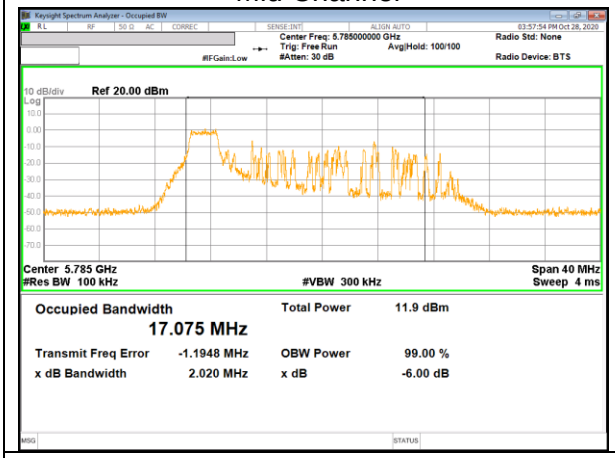
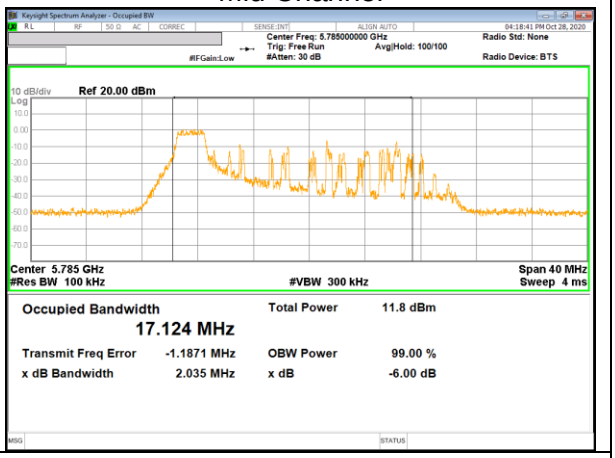
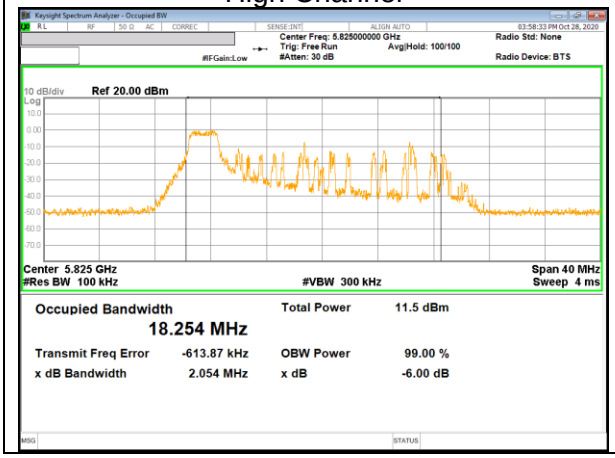
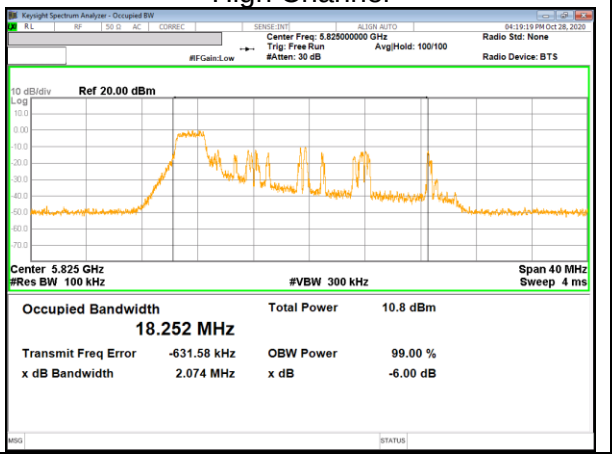
UNII 5.8 GHz IEEE 802.11ax HE40(SU) mode

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

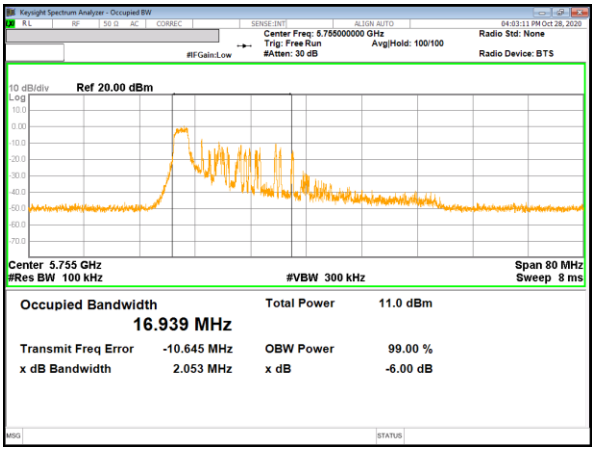
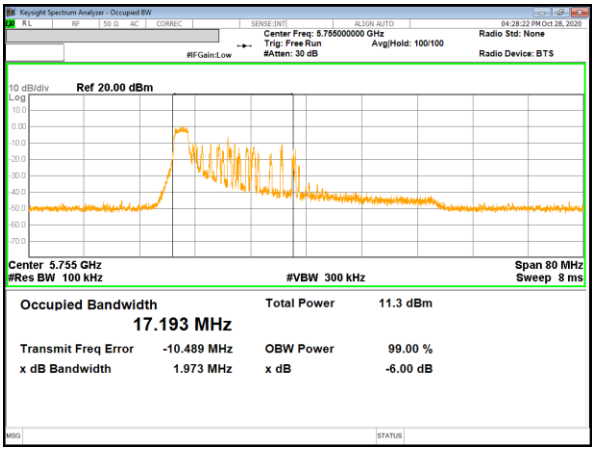
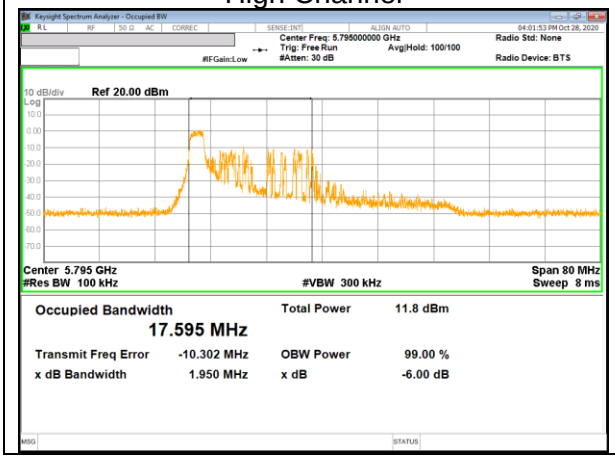
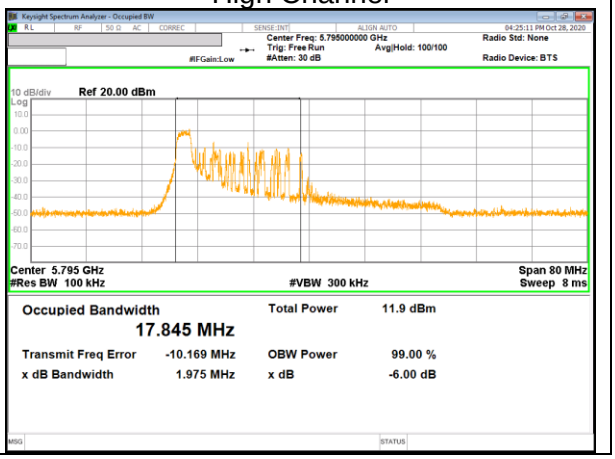
UNII 5.8 GHz IEEE 802.11ax HE80(SU) mode

ANT1	ANT2
Mid Channel	Mid Channel
	

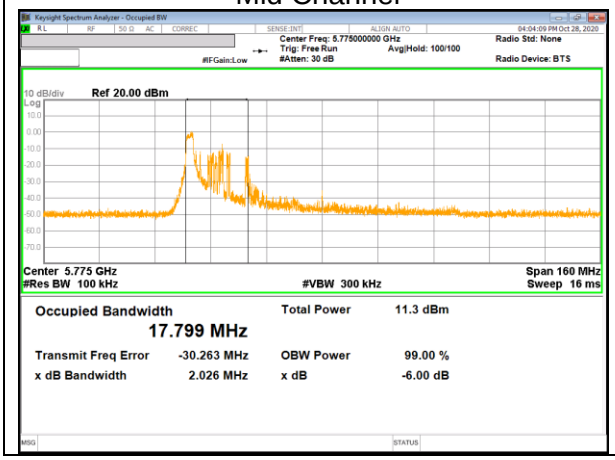
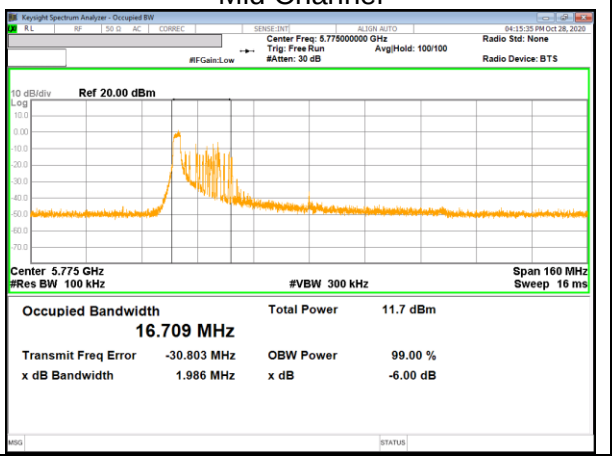
UNII 5.8 GHz IEEE 802.11ax HE20(RU) mode

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	-1.26	-7.39	-0.78
UNII 2A 5250 - 5350	-2.90	-5.10	-0.92
UNII 2C 5470 - 5725	-1.86	-3.60	0.32
UNII 3 5725 - 5850	-2.00	-3.86	0.13

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	21.11	-0.78	24.00	11.00
		Mid	5200				
		High	5240				
	802.11n HT20	Low	5180	21.36		24.00	11.00
		Mid	5200				
		High	5240				
	802.11n HT40	Low	5190	39.25		24.00	11.00
		High	5230				
	802.11ac VHT80	Mid	5210	81.59		24.00	11.00

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	0.00	dB
	802.11n HT40	0.00	dB
	802.11ac VHT80	0.32	dB

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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	17.37	17.39	20.54	24.00
		Mid	5200	17.32	17.31	20.48	
		High	5240	17.51	17.28	20.56	
	802.11n HT20	Low	5180	17.39	17.37	20.39	24.00
		Mid	5200	17.37	17.29	20.34	
		High	5240	17.46	17.32	20.40	
	802.11n HT40	Low	5190	15.98	15.71	18.86	24.00
		High	5230	15.99	15.54	18.78	
	802.11ac VHT80	Mid	5210	14.50	14.03	17.60	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	6.016	6.068	9.202	11.00
		Mid	5200	5.958	6.132	9.206	
		High	5240	6.111	5.840	9.138	
	802.11n HT20	Low	5180	5.855	5.491	8.687	
		Mid	5200	5.540	5.667	8.614	
		High	5240	6.076	5.454	8.786	
	802.11n HT40	Low	5190	1.123	0.843	3.996	
		High	5230	1.182	0.422	3.829	
	802.11ac VHT80	Mid	5210	-3.296	-3.775	-0.199	

* Calculation of PPSD result : Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [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	21.25	-0.92	24.00	11.00
		Mid	5300				
		High	5320				
	802.11n HT20	Low	5260	21.25		24.00	11.00
		Mid	5300				
		High	5320				
	802.11n HT40	Low	5270	39.50		24.00	11.00
		High	5310				
	802.11ac VHT80	Mid	5290	81.31		24.00	11.00

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	0.00	dB
	802.11n HT40	0.00	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	17.35	17.42	20.55	24.00
		Mid	5300	17.52	17.41	20.63	
		High	5320	17.53	17.38	20.62	
	802.11n HT20	Low	5260	17.40	17.46	20.44	24.00
		Mid	5300	17.54	17.42	20.49	
		High	5320	17.58	17.46	20.53	
	802.11n HT40	Low	5270	16.97	16.72	19.86	24.00
		High	5310	16.02	15.73	18.89	
	802.11ac VHT80	Mid	5290	15.53	15.60	18.90	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	6.391	5.905	9.315	11.00
		Mid	5300	6.384	5.824	9.273	
		High	5320	6.453	5.861	9.327	
	802.11n HT20	Low	5260	6.018	5.761	8.902	
		Mid	5300	6.223	5.250	8.774	
		High	5320	5.853	5.563	8.721	
	802.11n HT40	Low	5270	2.356	1.569	4.991	
		High	5310	2.693	2.050	5.394	
	802.11ac VHT80	Mid	5290	-1.922	-2.022	1.359	

* Calculation of PPSD result : Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [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	21.27	0.32	24.00	11.00
		Mid	5580				
		High	5700				
	802.11n HT20	Low	5500	21.45		24.00	11.00
		Mid	5580				
		High	5700				
	802.11n HT40	Low	5510	39.06		24.00	11.00
		Mid	5590				
		High	5670				
	802.11ac VHT80	Low	5530	80.77		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			0.00	dB
			802.11n HT40			0.00	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	16.58	17.46	20.20	24.00
		Mid	5580	16.97	17.39	20.35	
		High	5700	16.36	16.11	19.40	
	802.11n HT20	Low	5500	16.62	17.47	20.08	24.00
		Mid	5580	17.01	17.40	20.22	
		High	5700	16.78	16.16	19.49	
	802.11n HT40	Low	5510	16.20	16.84	19.54	24.00
		Mid	5590	16.52	16.74	19.64	
		High	5670	16.90	16.35	19.64	
	802.11ac VHT80	Low	5530	14.94	15.44	18.53	24.00
		High	5610	15.32	15.35	18.67	

* 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	5.612	6.371	9.168	11.00
		Mid	5580	5.778	6.271	9.192	
		High	5700	6.239	5.848	9.208	
	802.11n HT20	Low	5500	5.202	5.587	8.409	
		Mid	5580	6.149	6.085	9.127	
		High	5700	4.777	4.396	7.601	
	802.11n HT40	Low	5510	1.736	2.145	4.956	
		Mid	5590	2.351	2.113	5.244	
		High	5670	2.007	1.571	4.805	
	802.11ac VHT80	Low	5530	-2.474	-1.941	1.131	
		High	5610	-2.181	-2.154	1.163	

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

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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	0.00	dB
	802.11n HT40	0.00	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	17.15	16.98	20.23	30.00
		Mid	5785	17.19	16.83	20.17	
		High	5825	17.12	16.55	20.00	
	802.11n HT20	Low	5745	17.20	17.02	20.12	
		Mid	5785	17.23	16.86	20.06	
		High	5825	17.17	16.62	19.91	
	802.11n HT40	Low	5755	16.82	16.36	19.61	
		High	5795	16.75	16.26	19.52	
	802.11ac VHT80	Mid	5775	15.44	14.56	18.35	

* 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	2.887	2.911	6.059	30.00
		Mid	5785	3.154	2.609	6.050	
		High	5825	2.750	1.970	5.538	
	802.11n HT20	Low	5745	3.029	2.711	5.883	
		Mid	5785	2.803	2.757	5.790	
		High	5825	2.550	1.765	5.186	
	802.11n HT40	Low	5755	-0.745	-1.142	2.071	
		High	5795	-0.721	-1.347	1.988	
	802.11ac VHT80	Mid	5775	-5.324	-5.672	-2.164	

* Calculation of PPSD result : Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [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	15.986	0.32	23.04	11.00
	802.11n HT20	Straddle	5720	16.036		23.05	11.00
	802.11n HT40	Straddle	5710	35.456		24.00	11.00
	802.11ac VHT80	Straddle	5690	75.632		24.00	11.00
Included in Calculations of Corr'd Power & PPSD							
Duty Cycle CF [dB]			802.11a			0.15	dB
			802.11n HT20			0.00	dB
			802.11n HT40			0.00	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	15.858	15.707	18.94	23.04
	802.11n HT20	Straddle	5720	15.840	15.619	18.74	23.05
	802.11n HT40	Straddle	5710	16.046	15.476	18.78	24.00
	802.11ac VHT80	Straddle	5690	14.896	14.356	17.96	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	5.110	6.122	8.806	11.00
	802.11n HT20	Straddle	5720	4.859	5.412	8.155	
	802.11n HT40	Straddle	5710	1.432	1.764	4.611	
	802.11ac VHT80	Straddle	5690	-3.019	-2.654	0.498	

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

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	5.72	0.13	30.00	30.00
	802.11n HT20	Straddle	5720	5.77			
	802.11n HT40	Straddle	5710	4.77			
	802.11ac VHT80	Straddle	5690	5.56			

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.15	dB
	802.11n HT20	0.00	dB
	802.11n HT40	0.00	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	9.724	9.568	12.81	30.00
	802.11n HT20	Straddle	5720	10.174	9.923	13.06	
	802.11n HT40	Straddle	5710	5.496	4.976	8.25	
	802.11ac VHT80	Straddle	5690	0.171	-0.523	3.17	

* 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	1.750	2.464	5.282	30.00
	802.11n HT20	Straddle	5720	1.564	2.308	4.962	
	802.11n HT40	Straddle	5710	-2.437	-2.054	0.769	
	802.11ac VHT80	Straddle	5690	-7.982	-7.679	-4.498	

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

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	11.12	-0.78	21.46	11.00
	Mid	5200				
	High	5240				
HE40	Low	5190	6.34		19.02	
	High	5230				
HE80	Mid	5210	8.65		20.37	

Included in Calculations of Corr'd [Power & PPSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	dB
		SU	0.10	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	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	36	5180	26T	0	7.50	7.72	10.62	21.46
				4	8.15	8.42	11.30	
				8	7.74	8.06	10.91	
			52T	37	8.32	8.52	11.43	
				38	9.26	9.18	12.23	
				40	8.93	9.22	12.09	
			106T	53	10.58	10.89	13.75	
				54	10.51	10.83	13.68	
			SU	-	16.43	17.05	19.76	24.00
	40	5200	26T	0	7.22	7.33	10.29	21.46
				4	8.02	8.32	11.18	
				8	7.26	7.68	10.49	
			52T	37	8.40	8.35	11.39	
				38	9.06	9.15	12.12	
				40	8.76	8.84	11.81	
			106T	53	10.57	10.86	13.73	
				54	10.45	10.82	13.65	
			SU	-	16.35	17.01	19.70	24.00
	48	5240	26T	0	7.42	7.40	10.42	21.46
				4	8.29	8.42	11.37	
				8	7.90	8.01	10.97	
			52T	37	8.50	8.26	11.39	
				38	9.26	8.92	12.10	
				40	8.90	8.96	11.94	
			106T	53	10.80	10.76	13.79	
				54	10.72	10.71	13.73	
			SU	-	16.60	16.98	19.80	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	7.04	6.90	9.98	19.02
				9	8.52	8.51	11.53	
				17	7.41	7.88	10.66	
			52T	37	8.25	7.94	11.11	
				41	9.61	9.60	12.62	
				44	8.51	8.58	11.56	
			106T	53	10.46	10.71	13.60	
				54	11.05	11.17	14.12	
				56	10.31	10.75	13.55	
			242T	61	11.74	12.02	14.89	
				62	11.64	12.08	14.88	
			SU	-	14.87	15.35	18.13	24.00
	46	5230	26T	0	7.50	7.40	10.46	19.02
				9	8.61	8.60	11.62	
				17	7.52	7.56	10.55	
			52T	37	8.15	7.79	10.98	
				41	9.63	9.41	12.53	
				44	8.71	8.45	11.59	
			106T	53	10.50	10.49	13.51	
				54	11.03	10.98	14.02	
				56	10.50	10.63	13.58	
			242T	61	11.70	11.82	14.77	
				62	11.78	11.89	14.85	
			SU	-	14.97	15.19	18.09	24.00
HE80	42	5210	26T	0	7.72	7.55	10.65	20.37
				18	8.40	8.46	11.44	
				36	7.82	7.59	10.72	
			52T	37	8.25	8.11	11.19	
				45	9.40	9.01	12.22	
				52	8.70	8.58	11.65	
			106T	53	10.54	10.63	13.60	
				57	10.90	10.90	13.91	
				60	10.50	10.59	13.56	
			242T	61	10.82	10.84	13.84	
				62	11.02	11.06	14.05	
				64	10.87	10.90	13.90	
			484T	65	11.84	11.96	14.91	
				66	12.02	12.05	15.05	
			SU	-	13.86	14.20	17.04	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	-4.914	-5.162	7.974	11.00
				4	-4.630	-4.237	8.581	
				8	-4.810	-4.899	8.156	
			SU	-	-5.517	-4.882	7.922	
	40	5200	26T	0	-4.632	-4.650	8.369	
				4	-4.221	-4.718	8.548	
				8	-4.534	-4.615	8.436	
			SU	-	-5.733	-5.132	7.688	
	48	5240	26T	0	-4.603	-4.646	8.386	
				4	-4.561	-4.406	8.527	
				8	-4.787	-4.596	8.320	
			SU	-	-5.250	-5.103	7.934	
HE40	38	5190	26T	0	-5.803	-4.924	7.669	
				9	-3.849	-4.404	8.893	
				17	-4.747	-4.822	8.226	
			SU	-	-9.670	-9.657	3.447	
	46	5230	26T	0	-5.889	-5.088	7.540	
				9	-4.868	-4.130	8.527	
				17	-4.419	-5.048	8.288	
			SU	-	-9.805	-10.027	3.196	
HE80	42	5210	26T	0	-4.156	-4.837	8.527	
				18	-4.495	-5.394	8.089	
				36	-4.770	-4.847	8.202	
			SU	-	-13.556	-13.661	-0.498	

* 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	13.08	-0.92	22.17	11.00
	Mid	5300				
	High	5320				
HE40	Low	5270	5.51		18.41	
	High	5310				
HE80	Mid	5290	14.65		22.66	

Included in Calculations of Corr'd [Power & PPSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	dB
		SU	0.10	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	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	7.82	7.00	10.44	22.17
				4	8.26	8.42	11.35	
				8	8.24	8.06	11.16	
			52T	37	9.02	8.70	11.87	
				38	9.66	9.42	12.55	
				40	9.22	8.81	12.03	
			106T	53	10.75	10.70	13.74	
				54	10.62	10.60	13.62	
			SU	-	16.40	17.02	19.73	24.00
	60	5300	26T	0	8.32	7.24	10.82	22.17
				4	8.72	8.16	11.46	
				8	8.33	7.92	11.14	
			52T	37	9.11	8.32	11.74	
				38	9.90	9.26	12.60	
				40	9.42	8.84	12.15	
			106T	53	11.03	10.57	13.82	
				54	10.94	10.56	13.76	
			SU	-	16.66	16.96	19.82	24.00
	64	5320	26T	0	8.33	7.02	10.73	22.17
				4	8.63	8.22	11.44	
				8	8.52	7.88	11.22	
			52T	37	8.72	8.15	11.45	
				38	9.89	9.11	12.53	
				40	9.55	8.76	12.18	
			106T	53	11.16	10.64	13.92	
				54	11.02	10.62	13.83	
			SU	-	16.76	16.90	19.84	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	7.62	7.41	10.53	18.41
				9	8.80	8.67	11.75	
				17	7.55	7.42	10.50	
			52T	37	8.32	8.36	11.35	
				41	9.89	9.68	12.80	
				44	8.66	8.67	11.68	
			106T	53	10.45	10.46	13.47	
				54	10.90	10.92	13.92	
				56	10.35	10.32	13.35	
			242T	61	11.70	11.76	14.74	
				62	11.75	11.80	14.79	
			SU	-	15.81	16.28	19.06	24.00
	62	5310	26T	0	7.70	6.82	10.29	18.41
				9	8.88	8.52	11.71	
				17	7.90	7.61	10.77	
			52T	37	8.80	8.02	11.44	
				41	9.96	9.10	12.56	
				44	9.01	8.36	11.71	
			106T	53	10.80	10.40	13.61	
				54	11.21	10.92	14.08	
				56	10.56	10.28	13.43	
			242T	61	11.99	11.72	14.87	
				62	12.02	11.68	14.86	
			SU	-	16.09	16.22	19.17	24.00
HE80	58	5290	26T	0	7.31	6.80	10.07	22.66
				18	8.68	8.01	11.37	
				36	7.55	7.31	10.44	
			52T	37	8.40	8.01	11.22	
				45	9.48	9.40	12.45	
				52	9.04	8.58	11.83	
			106T	53	10.47	10.42	13.46	
				57	10.92	10.70	13.82	
				60	10.43	10.30	13.38	
			242T	61	10.71	10.70	13.72	
				62	11.01	10.96	14.00	
				64	10.85	10.70	13.79	
			484T	65	11.80	11.83	14.83	
				66	11.92	11.86	14.90	
			SU	-	14.79	15.33	18.08	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	-4.143	-4.177	8.850	11.00
				4	-3.951	-4.017	9.026	
				8	-4.228	-4.411	8.692	
			SU	-	-5.467	-4.958	7.905	
	60	5300	26T	0	-4.115	-4.340	8.784	
				4	-3.709	-4.655	8.854	
				8	-4.225	-4.069	8.864	
			SU	-	-5.082	-4.931	8.104	
	64	5320	26T	0	-3.924	-4.095	9.002	
				4	-3.891	-4.155	8.989	
				8	-4.041	-4.428	8.780	
			SU	-	-4.601	-4.862	8.381	
HE40	54	5270	26T	0	-5.082	-4.702	8.122	
				9	-4.150	-4.141	8.865	
				17	-4.576	-4.648	8.398	
			SU	-	-8.631	-8.242	4.678	
	62	5310	26T	0	-5.078	-4.286	8.346	
				9	-3.576	-4.184	9.141	
				17	-5.059	-4.973	7.995	
			SU	-	-8.293	-8.505	4.713	
HE80	58	5290	26T	0	-4.151	-4.749	8.571	
				18	-4.561	-4.345	8.559	
				36	-4.151	-4.362	8.755	
			SU	-	-12.626	-12.303	0.649	

* 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	10.73	0.32	21.31	11.00
	Mid	5580				
	High	5700				
HE40	Low	5510	7.32		19.64	
	Mid	5590				
	High	5670				
HE80	Low	5530	9.91		20.96	
	High	5610				

Included in Calculations of Corr'd [Power & PPSD]				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	dB
		SU	0.10	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	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	8.32	7.60	10.99	21.31
				4	8.22	7.62	10.94	
				8	7.42	7.00	10.23	
			52T	37	8.62	7.98	11.32	
				38	9.20	8.69	11.96	
				40	8.70	8.28	11.51	
			106T	53	10.50	10.54	13.53	
				54	10.25	10.40	13.34	
			SU	-	17.13	17.68	20.42	24.00
	116	5580	26T	0	7.40	7.12	10.27	21.31
				4	8.26	7.36	10.84	
				8	8.11	7.01	10.61	
			52T	37	9.02	8.13	11.61	
				38	9.60	8.62	12.15	
				40	9.12	8.22	11.70	
			106T	53	10.85	10.58	13.73	
				54	10.57	10.40	13.50	
			SU	-	17.40	17.62	20.52	24.00
	140	5700	26T	0	7.80	7.00	10.43	21.31
				4	8.96	7.75	11.41	
				8	8.60	7.30	11.01	
			52T	37	9.22	8.10	11.71	
				38	9.94	8.70	12.37	
				40	9.81	8.52	12.22	
			106T	53	11.19	10.31	13.78	
				54	10.98	10.13	13.59	
			SU	-	15.13	14.29	17.74	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	7.80	7.01	10.43	19.64
				9	8.98	7.90	11.48	
				17	7.75	6.89	10.35	
			52T	37	8.55	8.02	11.30	
				41	9.56	9.05	12.32	
				44	8.50	8.12	11.32	
			106T	53	11.35	11.22	14.30	
				54	11.71	11.63	14.68	
				56	11.32	11.16	14.25	
			242T	61	12.37	12.66	15.53	
				62	12.55	12.79	15.68	
			SU	-	15.68	16.01	18.86	24.00
	118	5590	26T	0	8.06	7.02	10.58	19.64
				9	8.90	8.01	11.49	
				17	7.80	6.71	10.30	
			52T	37	9.01	8.16	11.62	
				41	9.60	8.90	12.27	
				44	8.88	8.11	11.52	
			106T	53	11.71	11.21	14.48	
				54	11.98	11.50	14.76	
				56	11.54	11.13	14.35	
			242T	61	12.73	12.61	15.68	
				62	12.87	12.78	15.84	
			SU	-	16.01	15.90	18.97	24.00
	134	5670	26T	0	7.50	7.06	10.30	19.64
				9	8.99	7.60	11.36	
				17	8.02	6.70	10.42	
			52T	37	8.98	7.70	11.40	
				41	9.92	8.76	12.39	
				44	8.89	7.80	11.39	
			106T	53	11.01	10.11	13.59	
				54	11.30	10.41	13.89	
				56	10.73	9.90	13.35	
			242T	61	12.30	11.14	14.77	
				62	12.25	11.16	14.75	
			SU	-	16.26	15.61	18.96	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	7.60	7.11	10.37	20.96
				18	8.20	7.71	10.97	
				36	7.36	6.91	10.15	
			52T	37	8.20	8.01	11.12	
				45	9.20	8.68	11.96	
				52	8.48	8.22	11.36	
			106T	53	10.08	10.30	13.20	
				57	10.68	10.71	13.71	
				60	10.25	10.21	13.24	
			242T	61	11.34	11.39	14.38	
				62	11.54	11.62	14.59	
				64	11.71	11.52	14.63	
			484T	65	11.40	11.43	14.43	
				66	11.63	11.52	14.59	
			SU	-	15.40	15.70	18.56	24.00
	122	5610	26T	0	8.11	7.09	10.64	20.96
				18	8.46	7.60	11.06	
				36	7.71	6.95	10.36	
			52T	37	9.02	8.12	11.60	
				45	9.66	8.90	12.31	
				52	8.89	8.21	11.57	
			106T	53	10.52	10.27	13.41	
				57	10.98	10.53	13.77	
				60	10.55	9.97	13.28	
			242T	61	10.67	10.38	13.54	
				62	10.76	10.55	13.67	
				64	10.93	10.42	13.69	
			484T	65	11.77	11.34	14.57	
				66	11.98	11.33	14.68	
			SU	-	15.71	15.59	18.66	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	-4.760	-4.941	8.161	11.00
				4	-4.580	-4.877	8.284	
				8	-4.697	-5.233	8.054	
			SU	-	-4.512	-4.187	8.764	
	116	5580	26T	0	-3.990	-5.208	8.454	
				4	-4.071	-5.143	8.436	
				8	-4.323	-5.552	8.116	
			SU	-	-4.089	-4.236	8.948	
	140	5700	26T	0	-4.437	-5.579	8.040	
				4	-3.822	-5.454	8.449	
				8	-4.076	-5.833	8.144	
			SU	-	-5.044	-5.930	7.646	
HE40	102	5510	26T	0	-4.299	-5.256	8.259	
				9	-3.731	-4.154	9.073	
				17	-4.861	-5.176	7.995	
			SU	-	-8.899	-8.790	4.266	
	118	5590	26T	0	-4.621	-5.461	7.990	
				9	-3.481	-4.413	9.088	
				17	-4.788	-5.476	7.892	
			SU	-	-8.461	-8.786	4.490	
	134	5670	26T	0	-4.670	-5.793	7.815	
				9	-3.159	-4.673	9.160	
				17	-4.577	-5.745	7.888	
			SU	-	-8.675	-9.320	4.125	
HE80	106	5530	26T	0	-4.428	-4.776	8.412	
				18	-4.206	-5.053	8.401	
				36	-4.690	-5.515	7.927	
			SU	-	-11.927	-11.421	1.444	
	122	5610	26T	0	-4.623	-5.034	8.187	
				18	-3.893	-5.034	8.584	
				36	-4.601	-5.344	8.054	
			SU	-	-11.686	-11.807	1.364	

* 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	15.76	0.32	22.98	11.00 [dBm/MHz]
	UNII-3	6.81	0.13	30.00	30.00 [dBm/500kHz]
5710(HE40)	UNII-2C	34.68	0.32	24.00	11.00 [dBm/MHz]
	UNII-3	4.61	0.13	30.00	30.00 [dBm/500kHz]
5690(HE80)	UNII-2C	75.09	0.32	24.00	11.00 [dBm/MHz]
	UNII-3	5.00	0.13	30.00	30.00 [dBm/500kHz]

Included in Calculations of Corr'd Power & PPSD				
Duty Cycle CF [dB]	HE20	26T	0.00	dB
		SU	0.10	dB
	HE40	26T	0.00	dB
		SU	0.10	dB
	HE80	26T	0.00	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	7.783	7.324	10.570	22.98
		SU	-	16.250	16.127	19.299	
	UNII-3	26T	6	1.471	1.112	4.306	30.00
		SU	-	11.034	10.813	14.035	
5710	UNII-2C	26T	15	8.244	7.631	10.959	24.00
		SU	-	15.850	15.424	18.753	
	UNII-3	26T	15	-4.742	-5.705	-2.187	30.00
		SU	-	5.818	5.276	8.666	
5690	UNII-2C	26T	34	8.211	6.960	10.641	24.00
		SU	-	14.662	14.461	17.673	
	UNII-3	26T	34	-5.740	-6.334	-3.017	30.00
		SU	-	0.225	-0.128	3.162	

* 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	7.037	4.883	9.102	11.00
		SU	-	6.587	6.433	9.621	
	*UNII-3	26T	6	3.310	2.260	5.827	30.00
		SU	-	3.286	2.992	6.252	
5710	UNII-2C	26T	15	6.359	5.360	8.898	11.00
		SU	-	2.151	2.052	5.212	
	*UNII-3	26T	15	-4.912	-5.894	-2.365	30.00
		SU	-	-1.776	-2.359	1.053	
5690	UNII-2C	26T	34	6.155	4.676	8.488	11.00
		SU	-	-1.656	-1.701	1.432	
	*UNII-3	26T	34	-5.151	-6.142	-2.608	30.00
		SU	-	-7.077	-7.392	-4.121	

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	0.13	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	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		SU	0.10	dB
	HE40	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	dB
		SU	0.10	dB
	HE80	26T	0.00	dB
		52T	0.00	dB
		106T	0.09	dB
		242T	0.09	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	8.25	7.47	10.89	30.00
				4	8.36	8.35	11.37	
				8	7.80	7.78	10.80	
			52T	37	9.02	8.12	11.60	
				38	9.30	9.35	12.34	
				40	8.82	8.88	11.86	
			106T	53	10.90	10.97	13.95	
				54	10.67	10.74	13.72	
			SU	-	17.45	17.60	20.54	
	157	5785	26T	0	8.36	7.80	11.10	
				4	8.72	7.91	11.34	
				8	8.16	7.42	10.82	
			52T	37	8.70	8.02	11.38	
				38	9.72	9.01	12.39	
				40	9.26	8.55	11.93	
			106T	53	10.96	10.70	13.84	
				54	10.76	10.61	13.70	
			SU	-	17.59	17.47	20.54	
	165	5825	26T	0	8.20	7.30	10.78	
				4	8.56	8.01	11.30	
				8	8.10	7.66	10.90	
			52T	37	8.75	7.80	11.31	
				38	9.51	9.00	12.27	
				40	9.02	8.52	11.79	
			106T	53	10.70	10.60	13.66	
				54	10.68	10.50	13.60	
			SU	-	17.43	17.23	20.34	

* 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	7.90	7.11	10.53	30.00
				9	8.60	8.04	11.34	
				17	7.60	7.28	10.45	
			52T	37	8.30	8.02	11.17	
				41	9.61	8.90	12.28	
				44	8.73	8.05	11.41	
			106T	53	10.70	10.60	13.66	
				54	11.11	10.95	14.04	
				56	10.65	10.40	13.54	
			242T	61	12.02	10.60	14.38	
				62	12.06	11.61	14.85	
			SU	-	16.07	15.85	18.97	
	159	5795	26T	0	7.90	7.63	10.78	
				9	8.92	8.41	11.68	
				17	8.02	7.55	10.80	
			52T	37	8.98	8.11	11.58	
				41	9.88	9.50	12.70	
				44	8.36	7.80	11.10	
			106T	53	11.56	11.20	14.39	
				54	11.17	11.02	14.11	
				56	11.42	10.98	14.22	
			242T	61	12.76	12.67	15.73	
				62	12.85	12.61	15.74	
			SU	-	15.90	15.80	18.86	
HE80	155	5775	26T	0	7.03	7.02	10.04	
				18	8.30	7.50	10.93	
				36	7.55	7.02	10.30	
			52T	37	9.02	8.16	11.62	
				45	9.40	8.62	12.04	
				52	8.81	8.08	11.47	
			106T	53	10.62	10.38	13.51	
				57	10.94	10.62	13.79	
				60	10.55	10.12	13.35	
			242T	61	11.89	10.61	14.31	
				62	10.92	10.75	13.85	
				64	10.90	10.50	13.71	
			484T	65	11.82	11.44	14.64	
				66	11.88	11.41	14.66	
			SU	-	15.88	15.22	18.57	

* 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

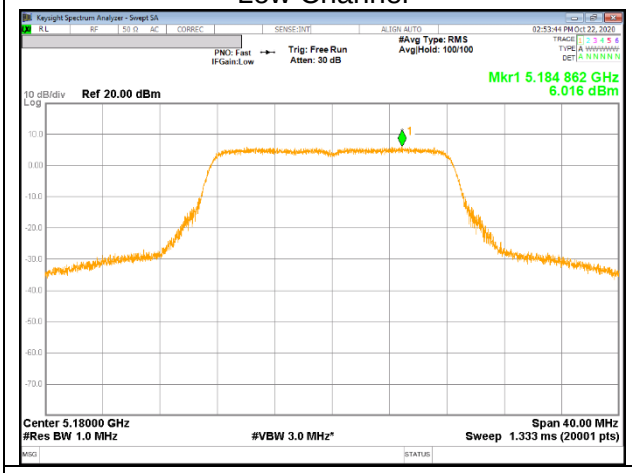
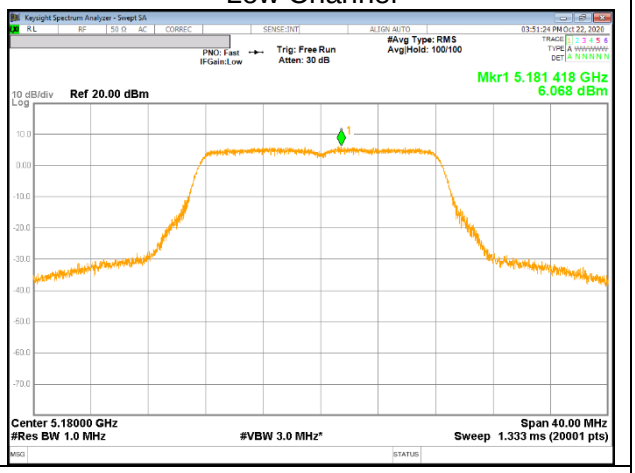
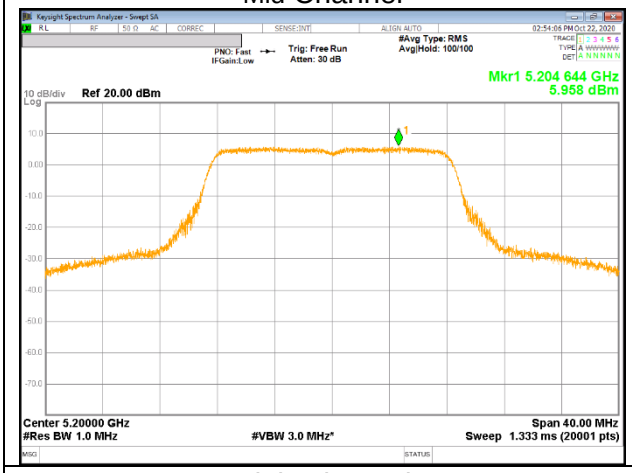
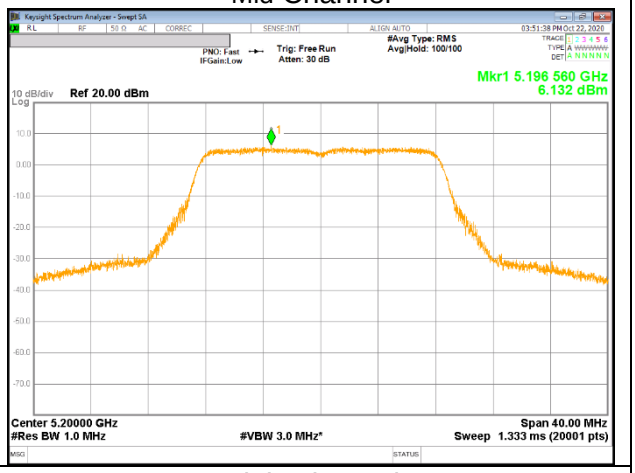
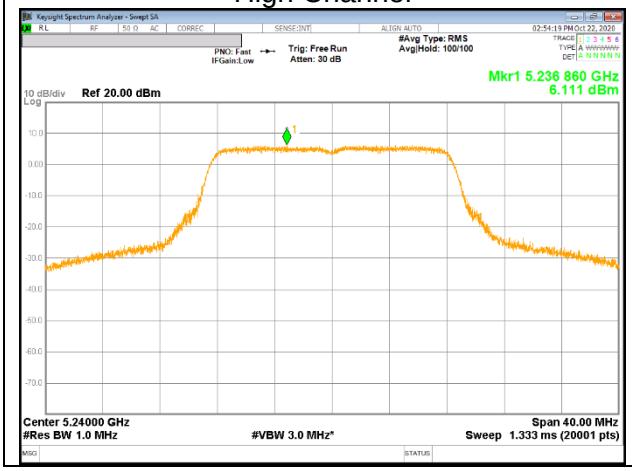
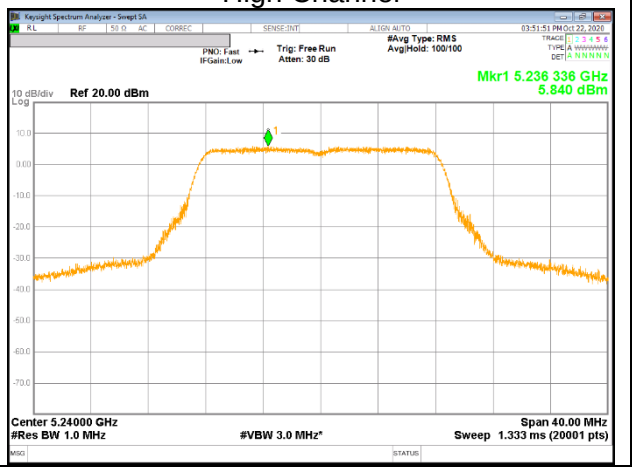
Actual RBW	Ref. Bandwidth	Corr'd factor
100 kHz	500 kHz	6.99 dB

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	-4.146	-4.741	5.567	30.00
				4	-4.203	-4.748	5.533	
				8	-4.337	-5.470	5.134	
			SU	-	-4.244	-4.215	5.871	
	157	5785	26T	0	-4.499	-5.328	5.107	
				4	-3.993	-4.811	5.618	
				8	-4.716	-5.609	4.861	
			SU	-	-4.046	-4.428	5.867	
	165	5825	26T	0	-4.306	-5.362	5.198	
				4	-4.649	-4.727	5.312	
				8	-4.928	-5.348	4.867	
			SU	-	-4.509	-4.840	5.429	
HE40	151	5755	26T	0	-4.954	-5.613	4.729	
				9	-3.914	-4.889	5.626	
				17	-4.510	-5.075	5.217	
			SU	-	-8.755	-8.890	1.278	
	159	5795	26T	0	-4.753	-5.264	4.999	
				9	-3.455	-4.506	6.052	
				17	-5.142	-5.966	4.466	
			SU	-	-8.346	-8.871	1.500	
HE80	155	5775	26T	0	-4.385	-5.379	5.147	
				18	-4.393	-5.071	5.282	
				36	-4.583	-5.536	4.967	
			SU	-	-11.746	-11.576	-1.560	

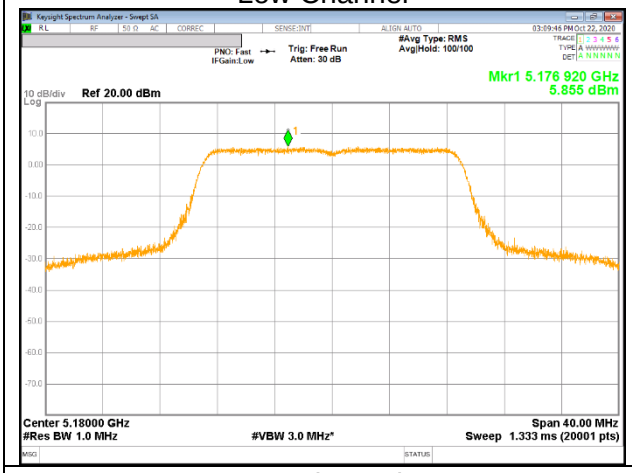
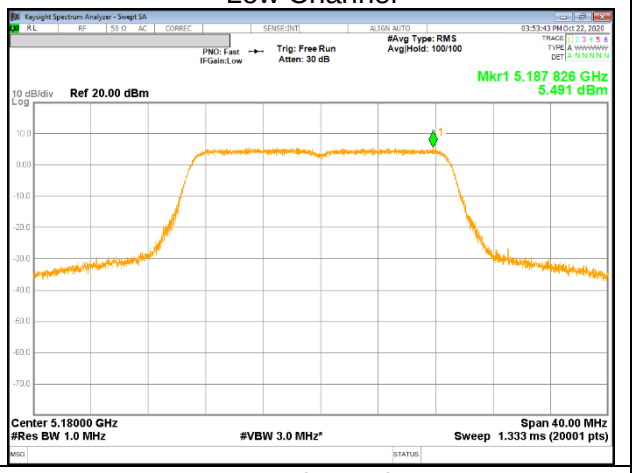
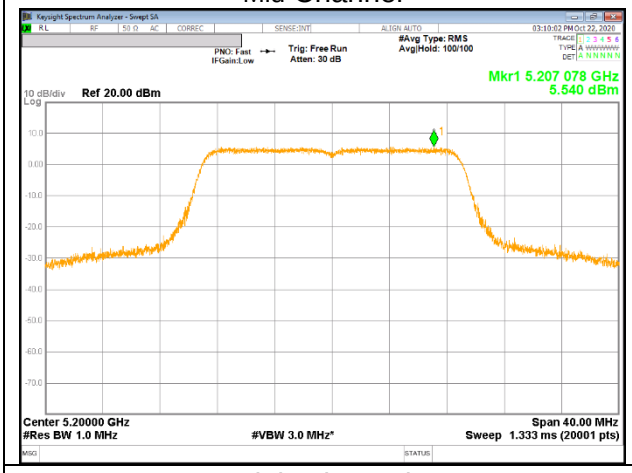
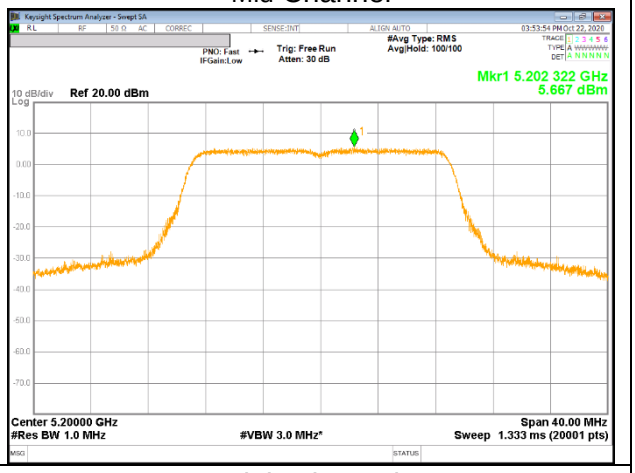
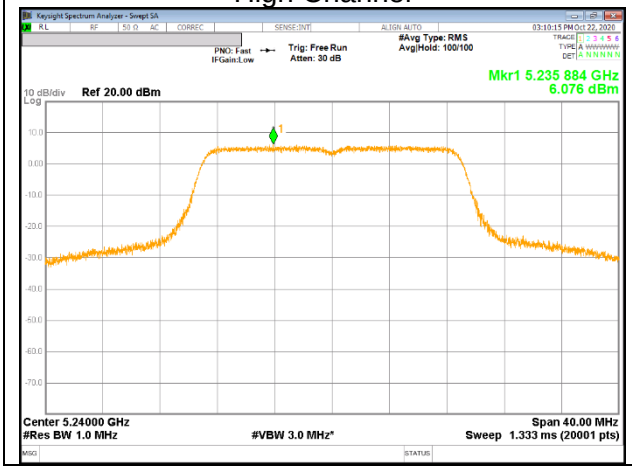
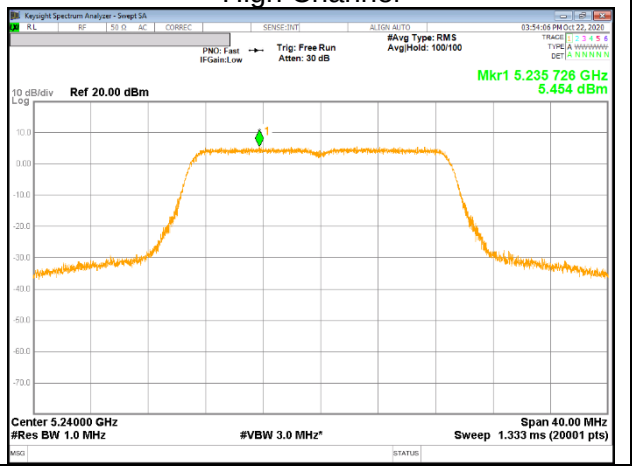
* Calculation of PPSD result : Total Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [dB]

10.2.12. OUTPUT POWER AND PPSD PLOTS

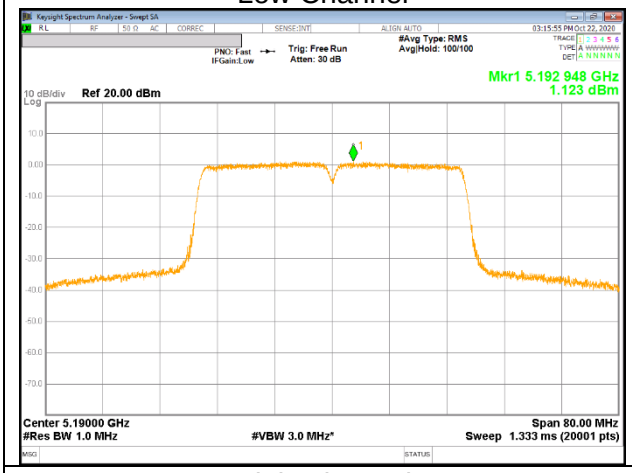
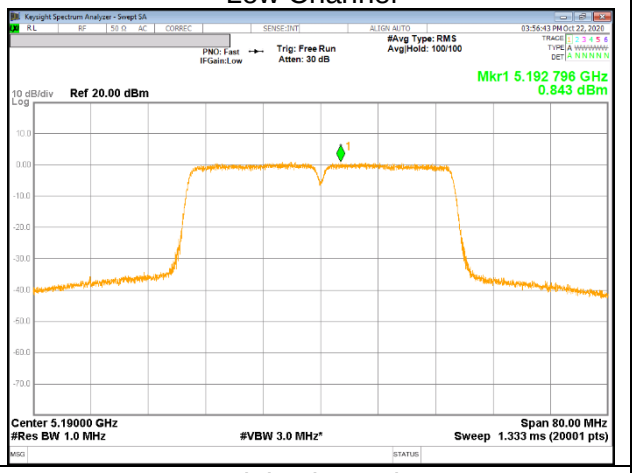
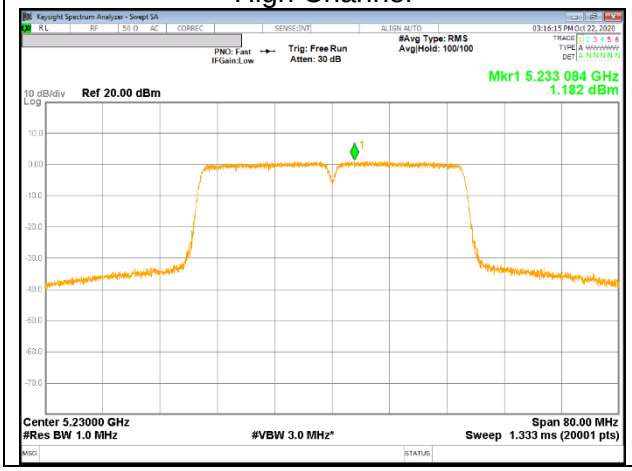
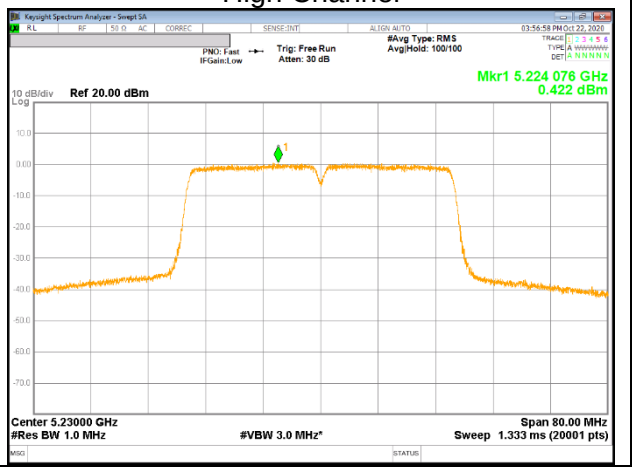
UNII 5.2 GHz IEEE 802.11a mode PSD

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

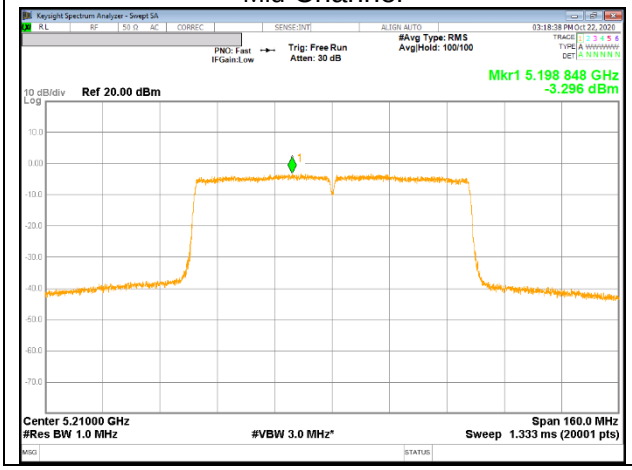
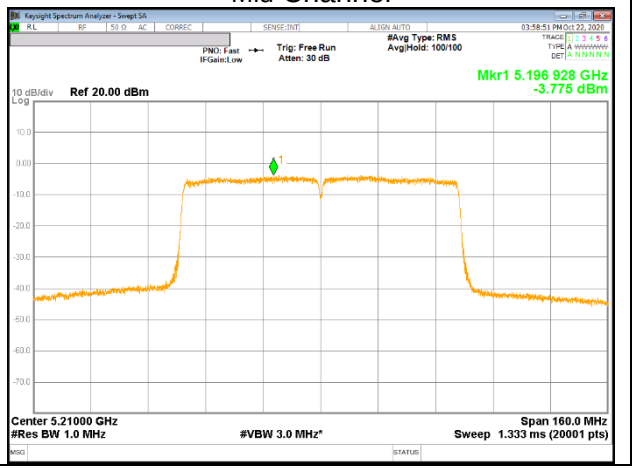
UNII 5.2 GHz IEEE 802.11n HT20 mode PSD

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

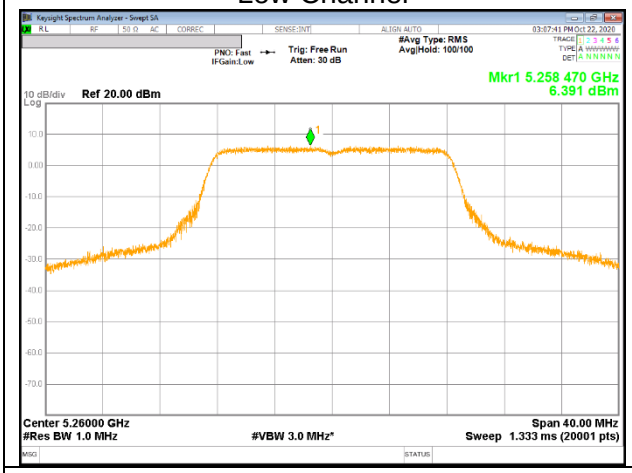
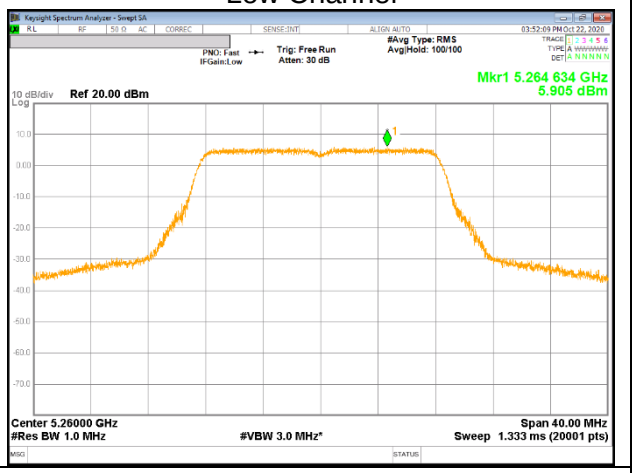
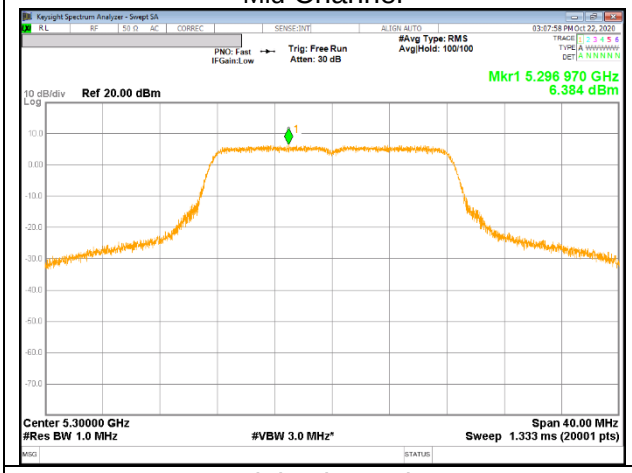
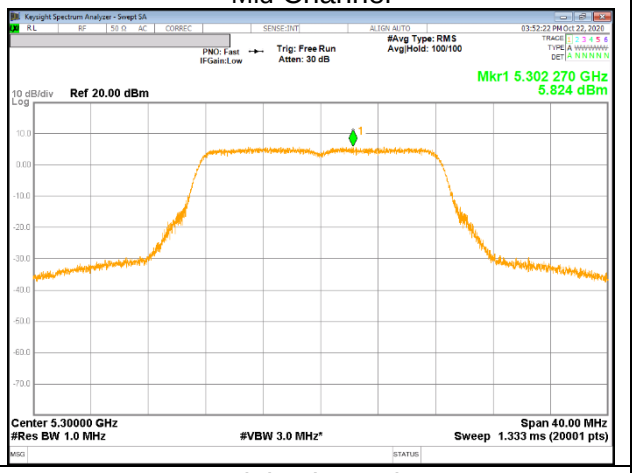
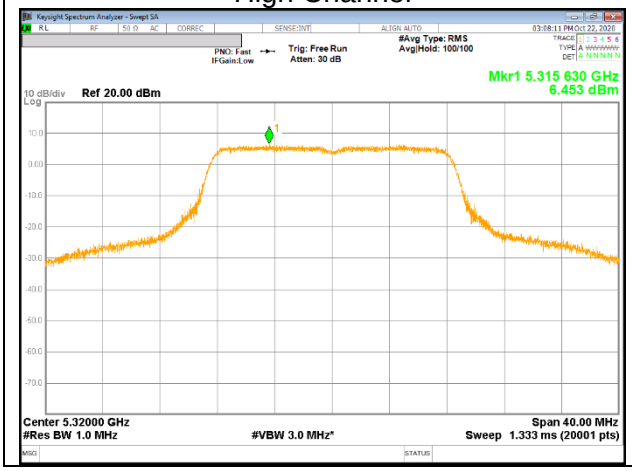
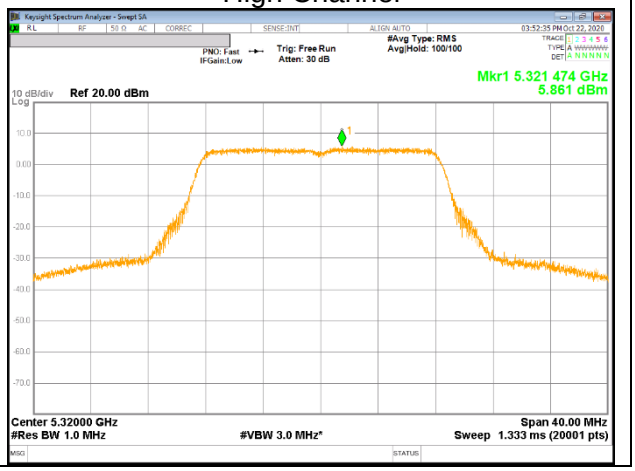
UNII 5.2 GHz IEEE 802.11n HT40 mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

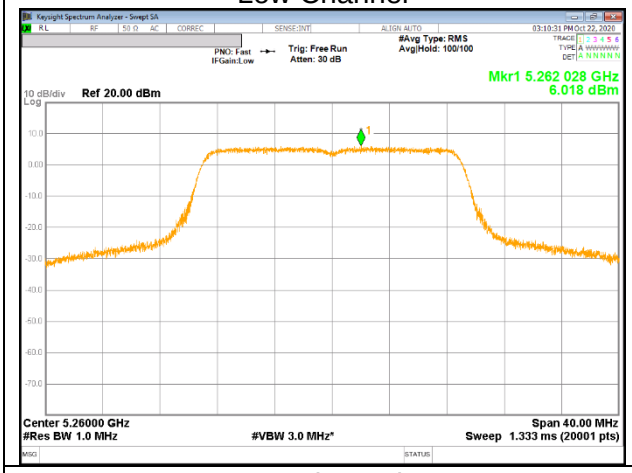
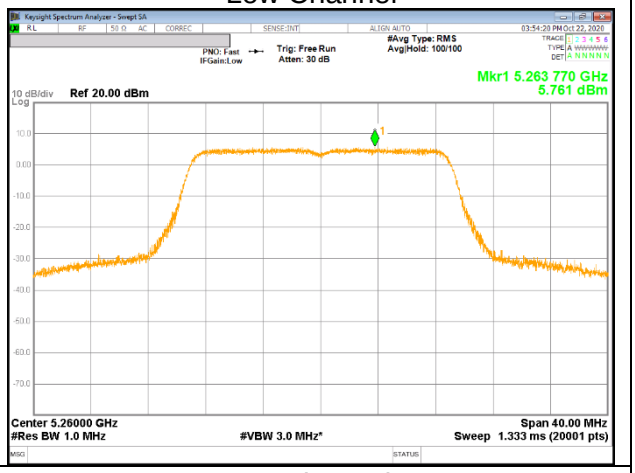
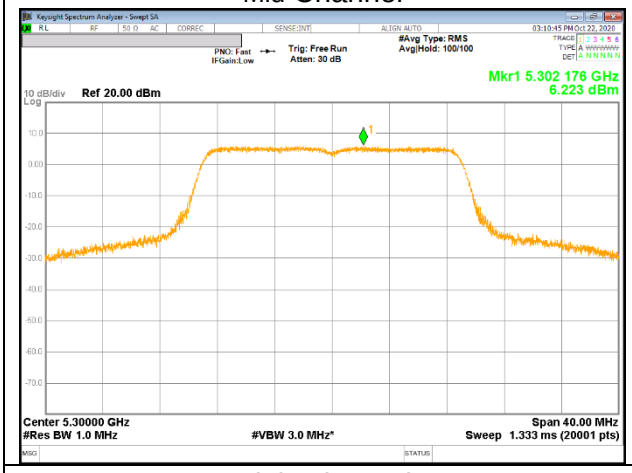
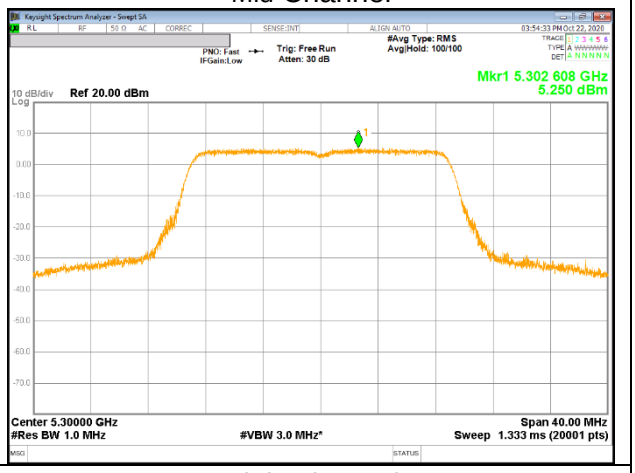
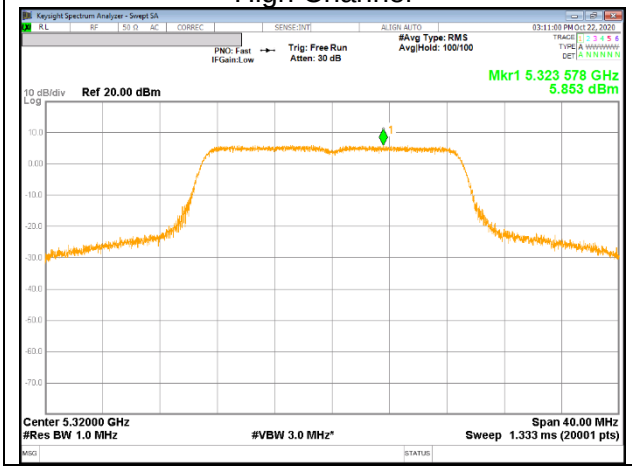
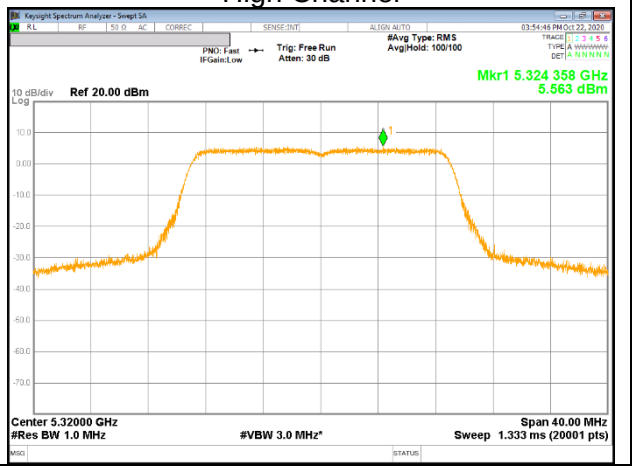
UNII 5.2 GHz IEEE 802.11ac VHT80 mode PSD

ANT1	ANT2
Mid Channel	Mid Channel
	

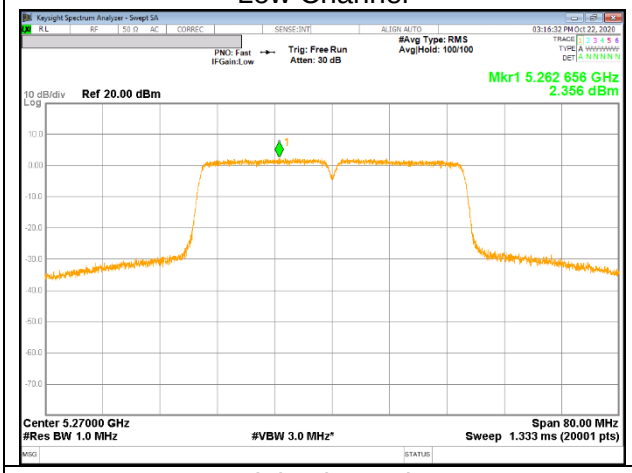
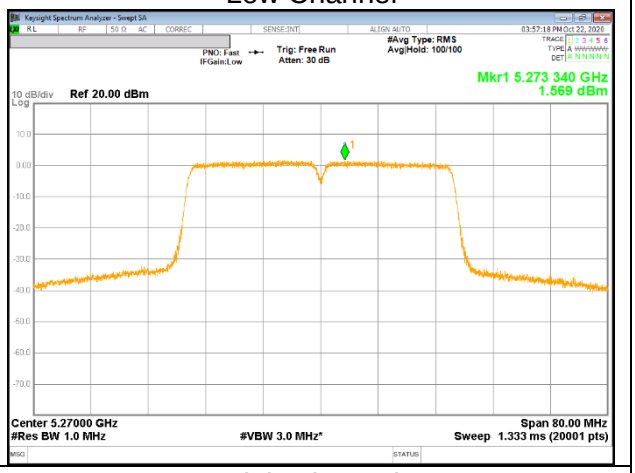
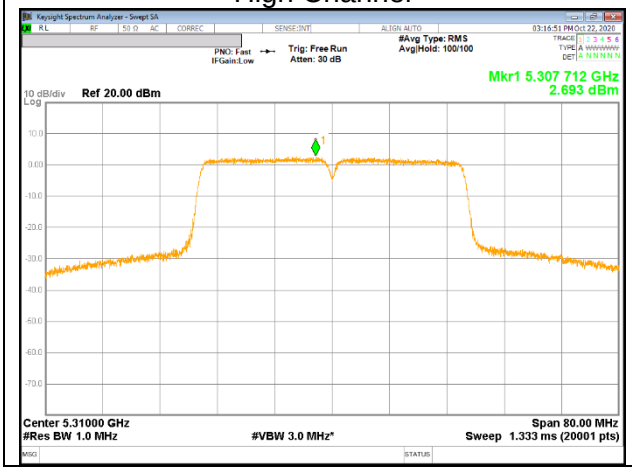
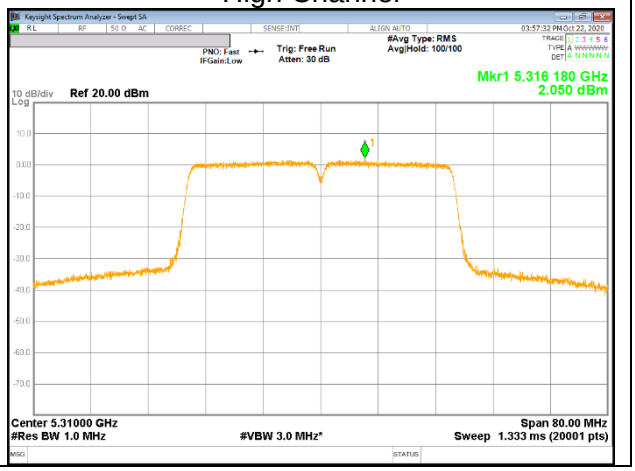
UNII 5.3 GHz IEEE 802.11a mode PSD

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