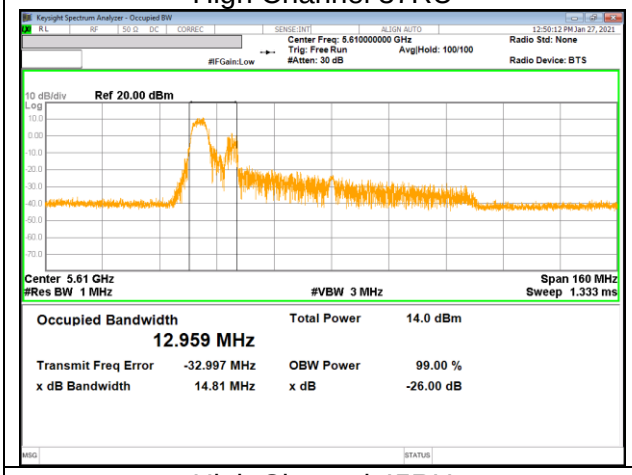
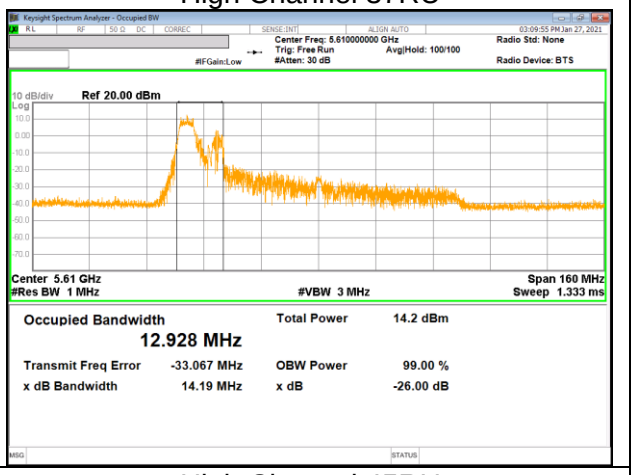
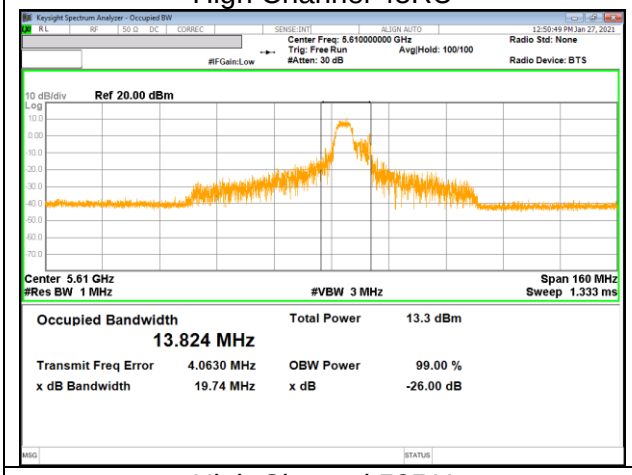
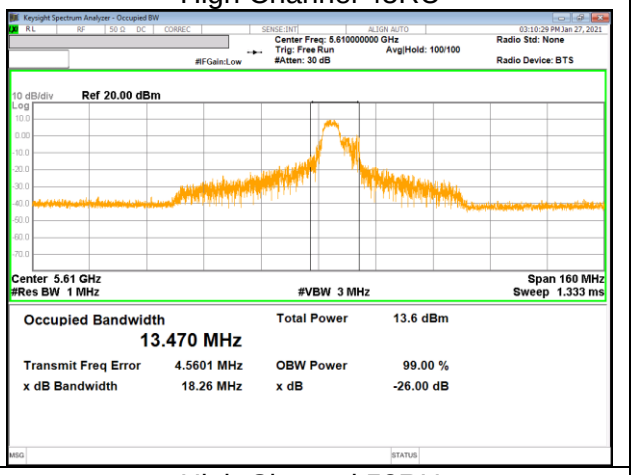
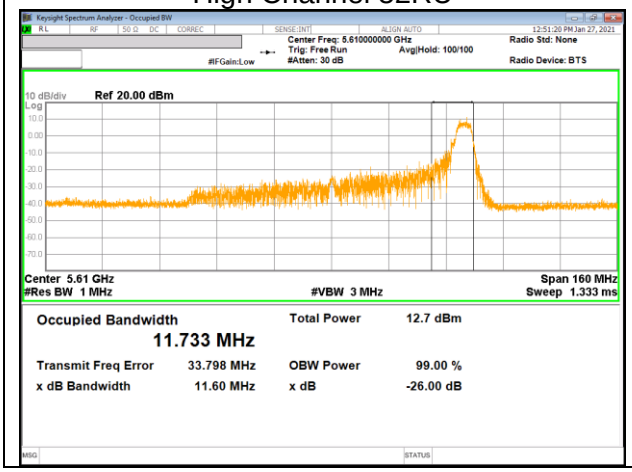
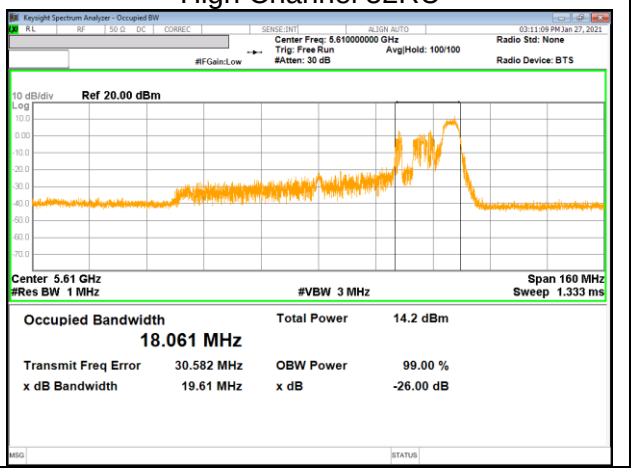
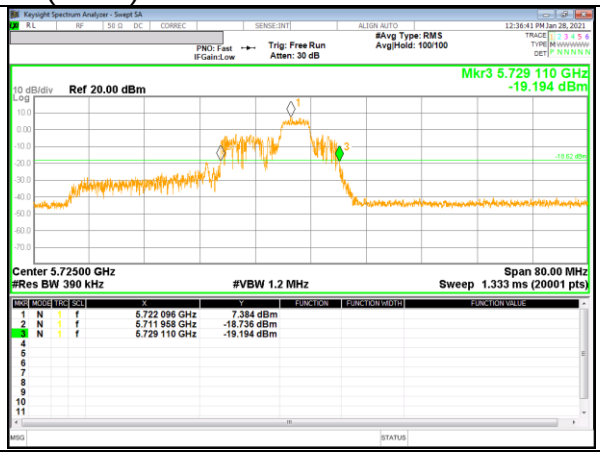
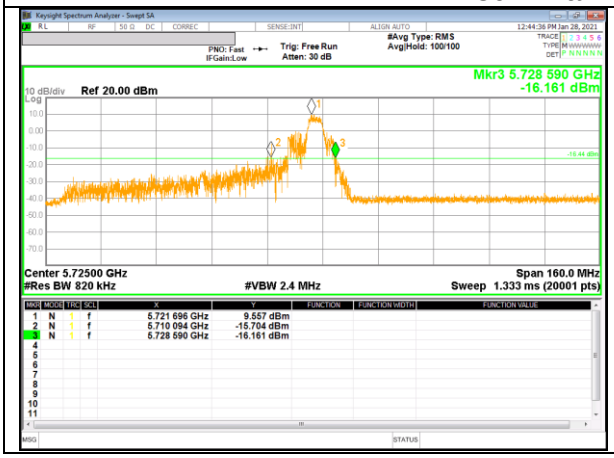
ANT1	ANT2
High Channel 37RU	High Channel 37RU
	
High Channel 45RU	High Channel 45RU
	
High Channel 52RU	High Channel 52RU
	

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

ANT1	ANT2
802.11ax HE20(39RU)	
	
802.11ax HE40(43RU)	
	
802.11ax HE80(51RU)	
	

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.

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218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433

RESULTS

10.1.1. 5.8 GHz BAND

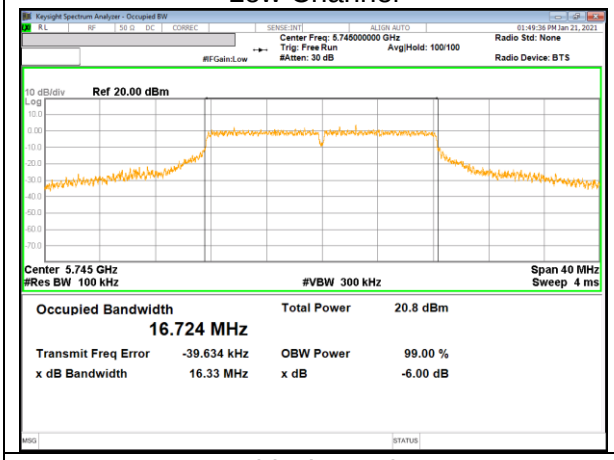
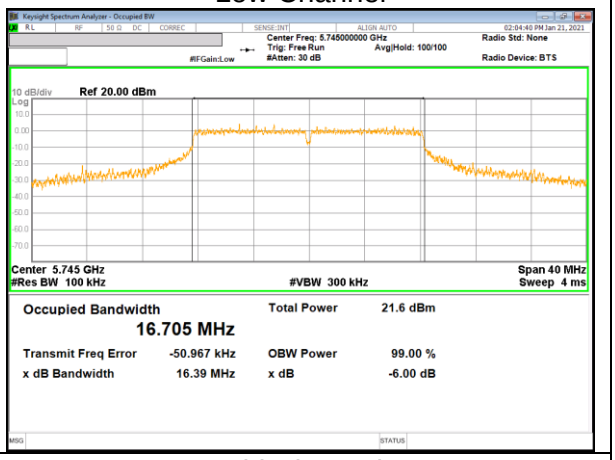
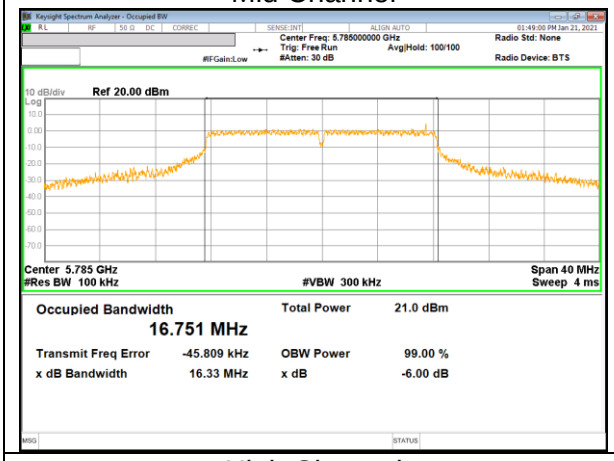
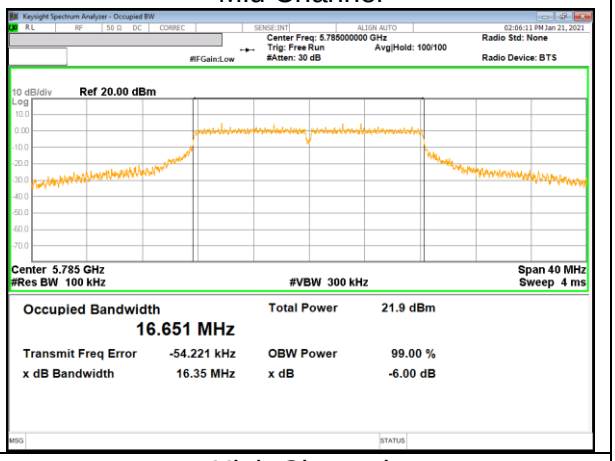
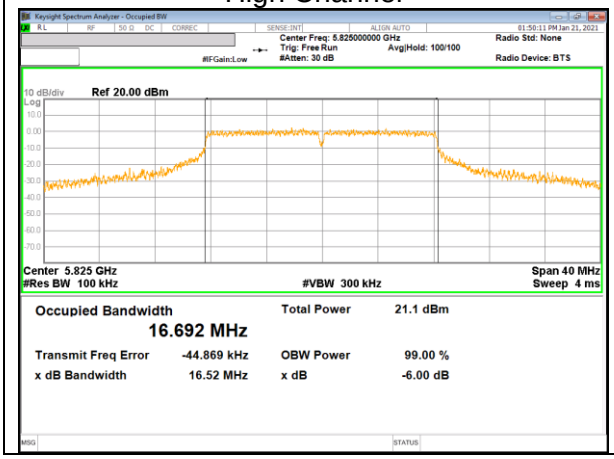
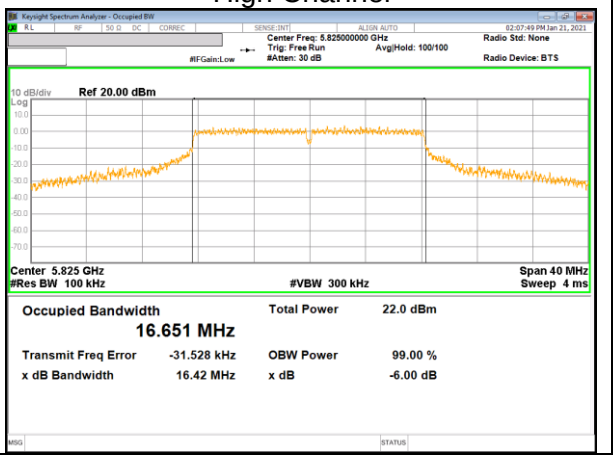
Band	Mode	Channel	Center Freq. [MHz]	6 dB BW [MHz]		Worst	Minimum Limit [MHz]
				ANT1	ANT2		
UNII-3	802.11a	Low	5745	16.33	16.39	16.33	0.5
		Mid	5785	16.33	16.35		
		High	5825	16.52	16.42		
	802.11n HT20	Low	5745	17.57	17.56	17.55	
		Mid	5785	17.57	17.60		
		High	5825	17.58	17.55		
	802.11n HT40	Low	5755	36.31	36.32	36.30	
		High	5795	36.30	36.33		
	802.11ac VHT80	Mid	5775	76.05	76.03	76.03	
	802.11ax HE20(SU)	Low	5745	18.96	19.05	18.81	
		Mid	5785	18.90	18.81		
		High	5825	18.92	19.06		
	802.11ax HE40(SU)	Low	5755	37.23	37.42	36.73	
		High	5795	36.73	37.33		
	802.11ax HE80(SU)	Mid	5775	77.34	76.41	76.41	

10.1.2. 802.11ax 5.8 GHz Band(RU)

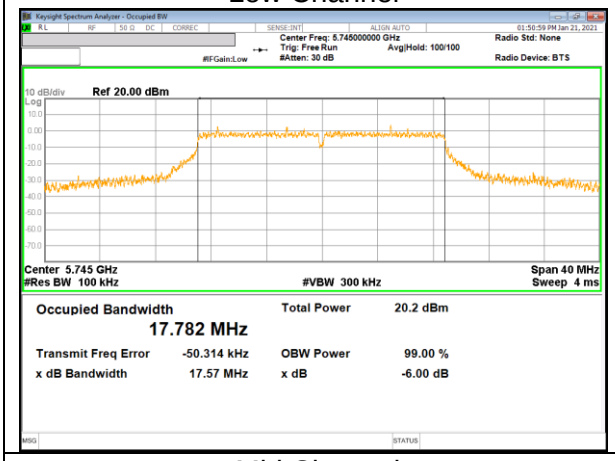
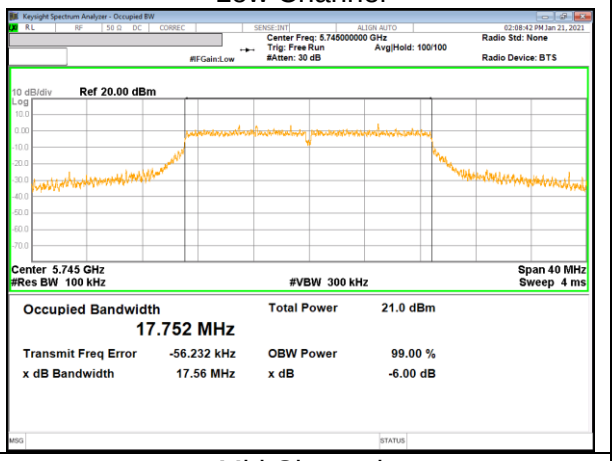
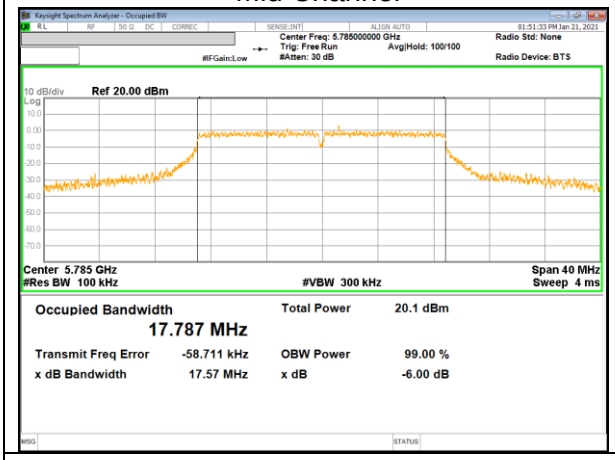
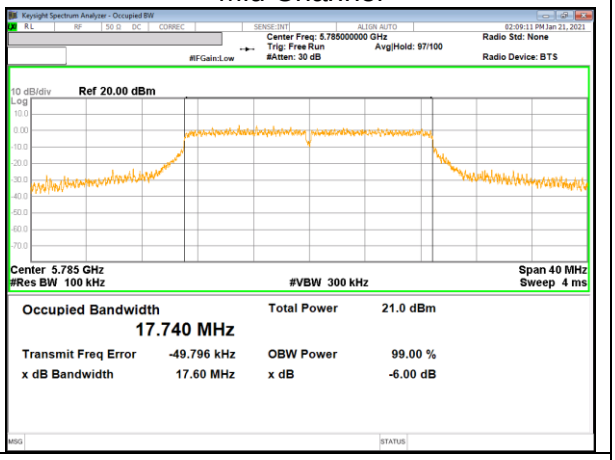
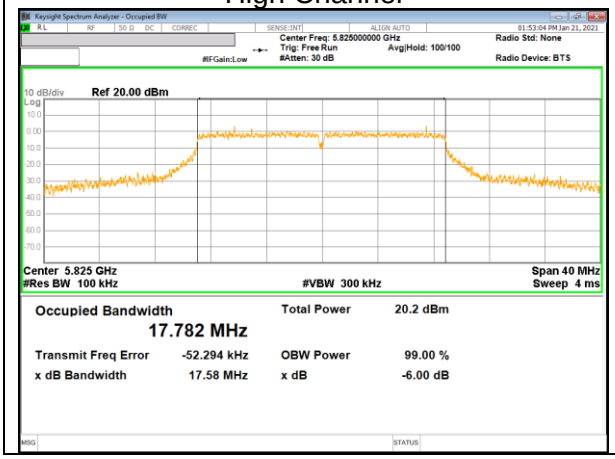
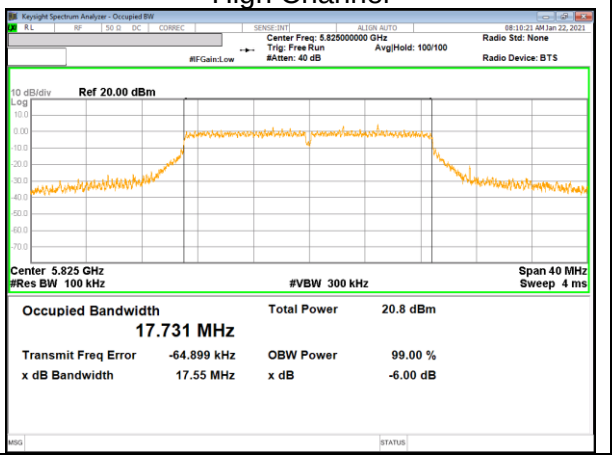
Band	Mode	Channel	Tones	RU offset	6 dB BW [MHz]		Minimum Limit [MHz]
					ANT1	ANT2	
UNII-3	HE20	Low	26T	0	2.053	1.986	0.5
		Mid			1.997	2.022	
		High			2.026	2.016	
		Minimum 6dB Bandwidth			1.986		
	HE40	Low	26T	0	1.962	1.969	
		High			1.978	1.996	
		Minimum 6dB Bandwidth			1.962		
	HE80	Mid	26T	0	1.959	2.045	
		Minimum 6dB Bandwidth			1.959		

10.1.3. 6 dB BANDWIDTH PLOTS

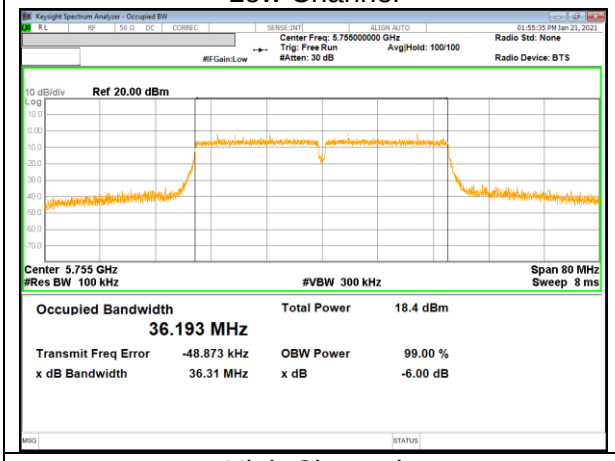
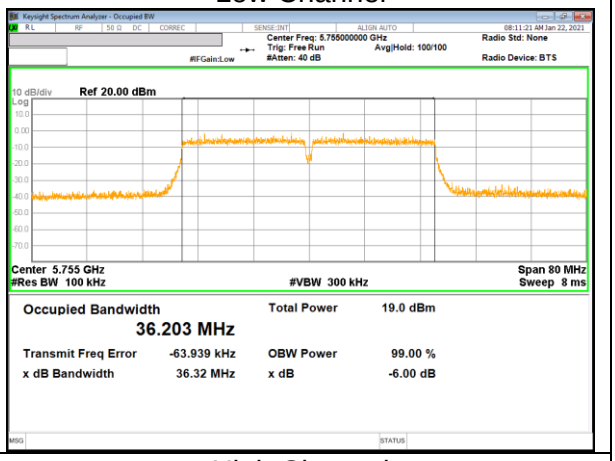
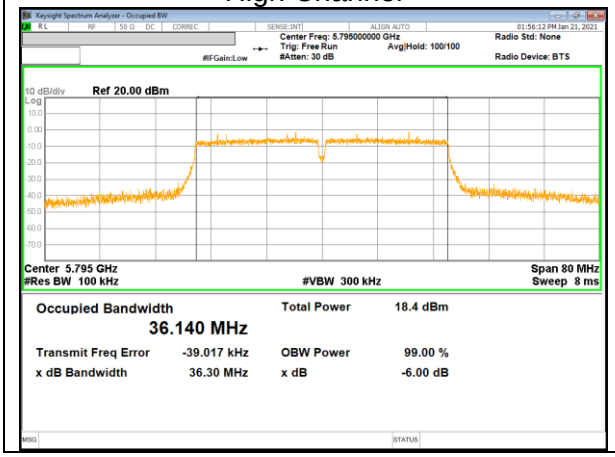
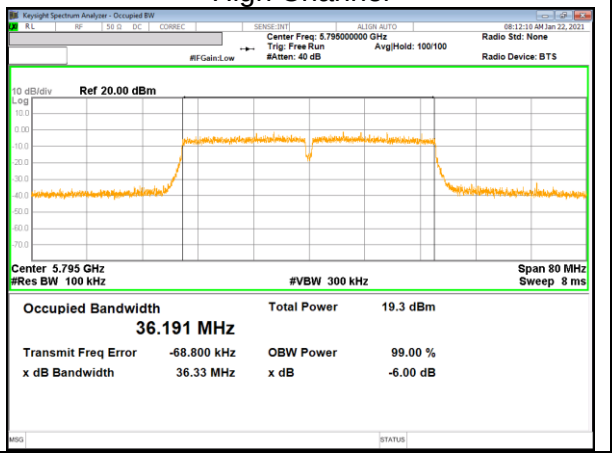
UNII 5.8 GHz IEEE 802.11a mode

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

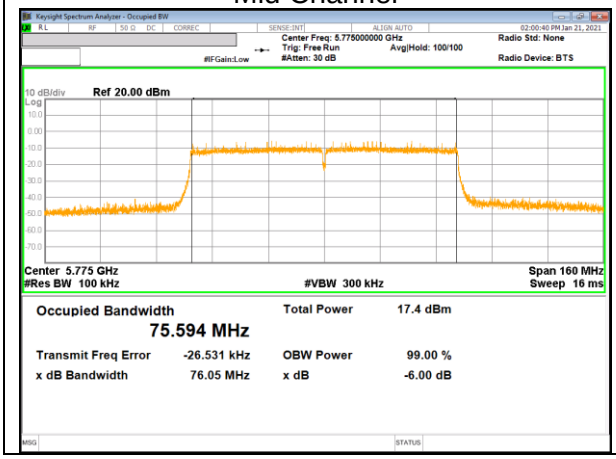
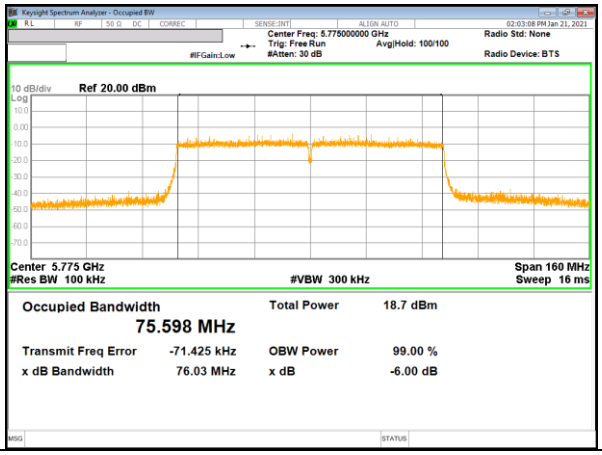
UNII 5.8 GHz IEEE 802.11n HT20 mode

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

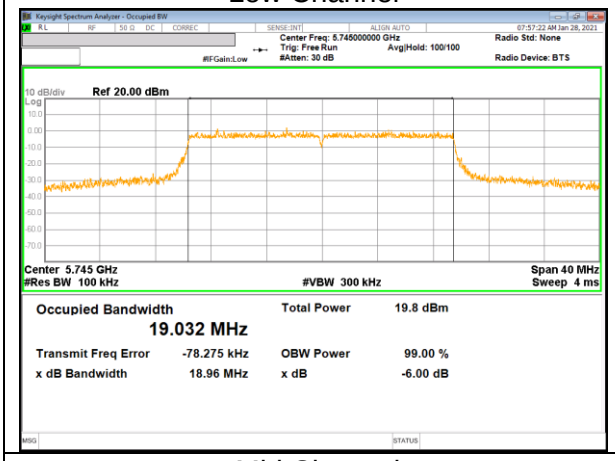
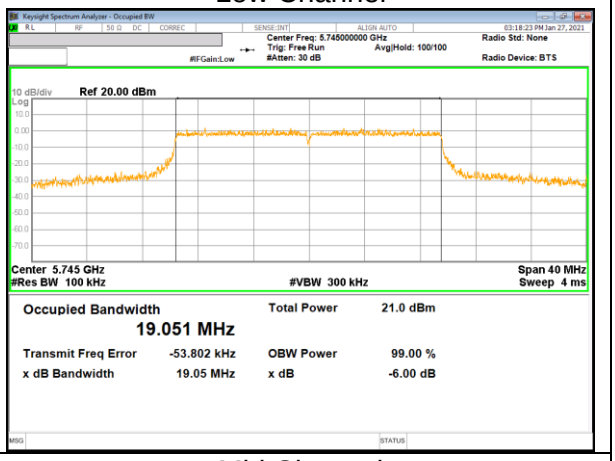
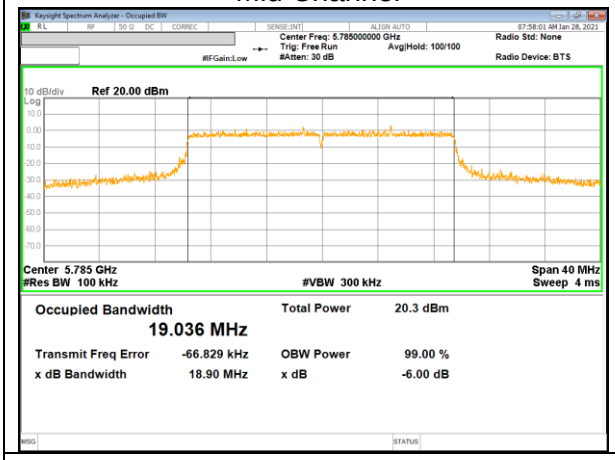
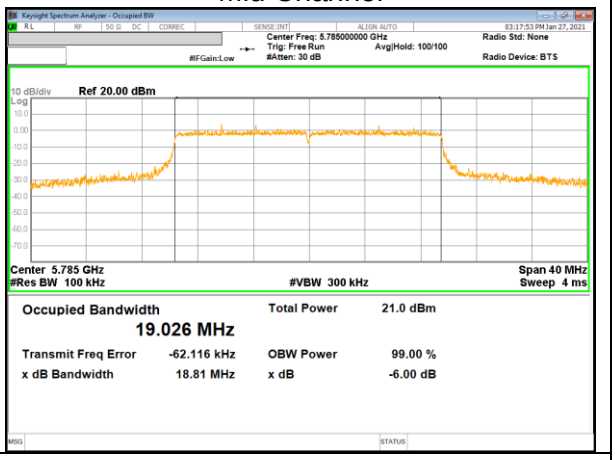
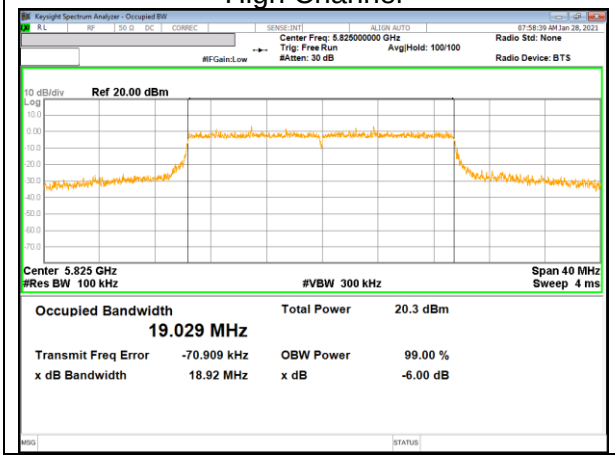
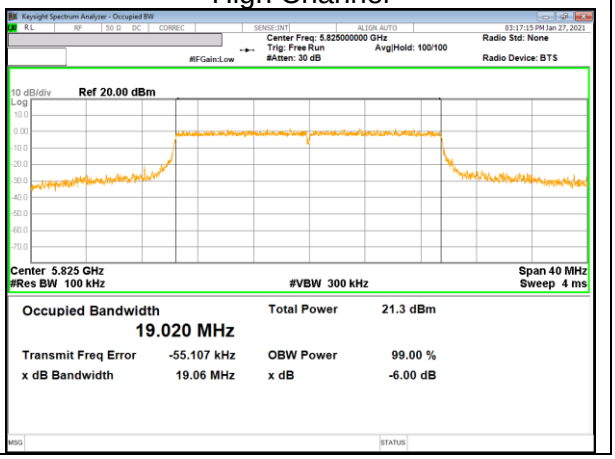
UNII 5.8 GHz IEEE 802.11n HT40 mode

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

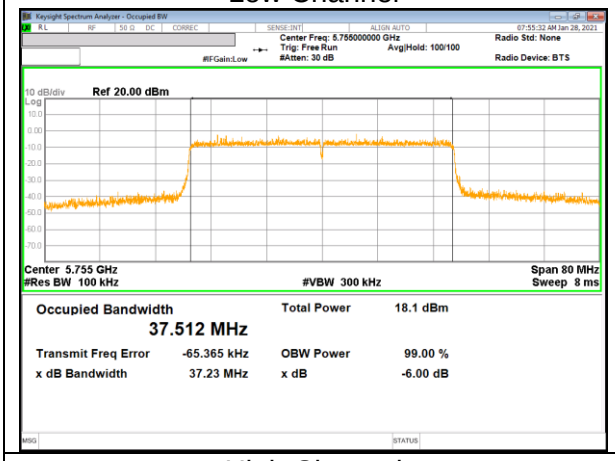
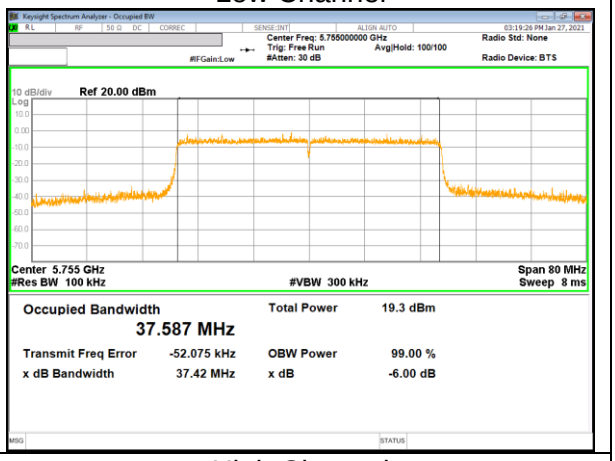
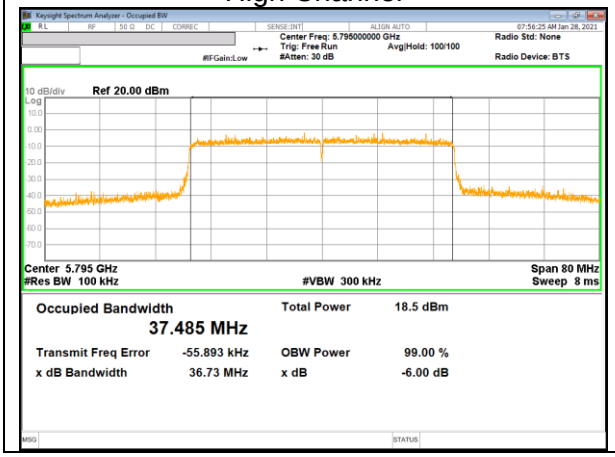
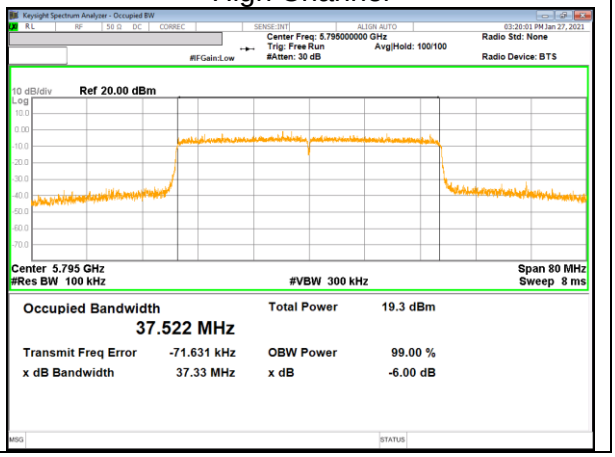
UNII 5.8 GHz IEEE 802.11ac VHT80 mode

ANT1	ANT2
Mid Channel	Mid Channel
	

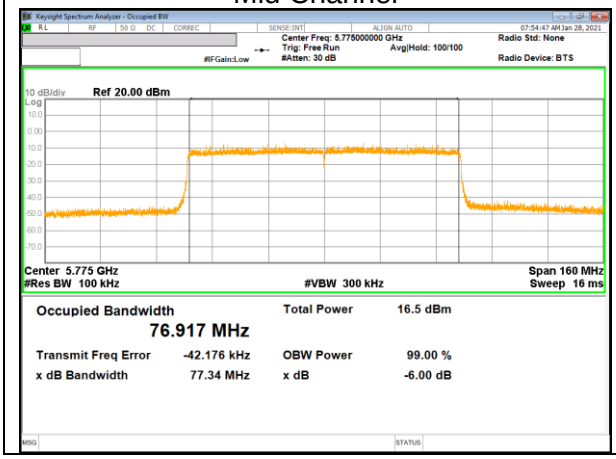
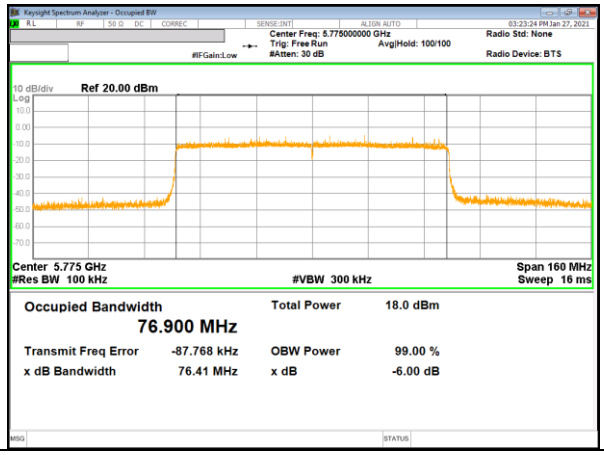
UNII 5.8 GHz IEEE 802.11ax HE20(SU) mode

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

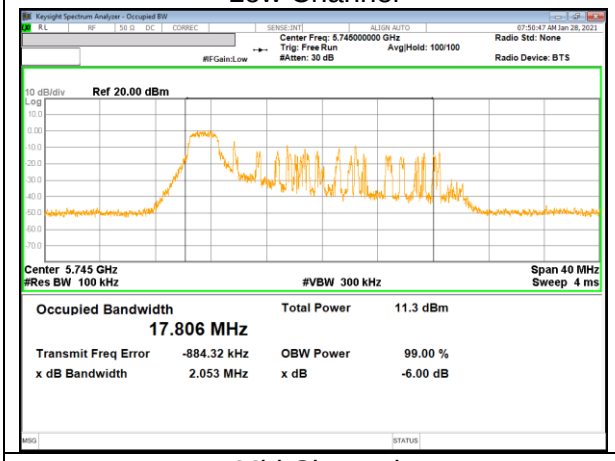
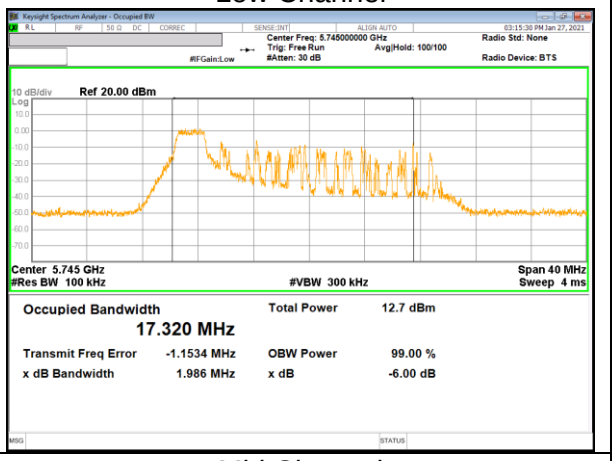
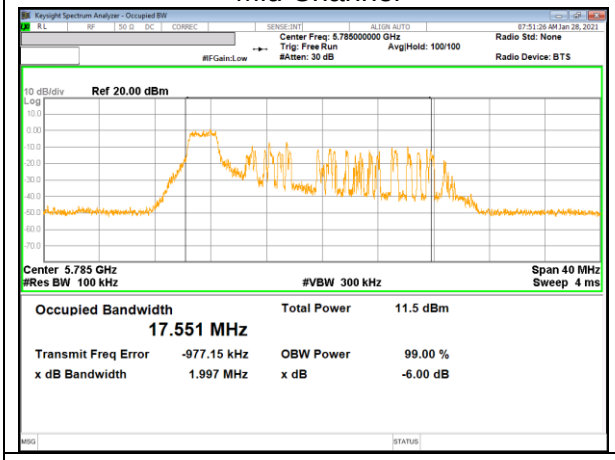
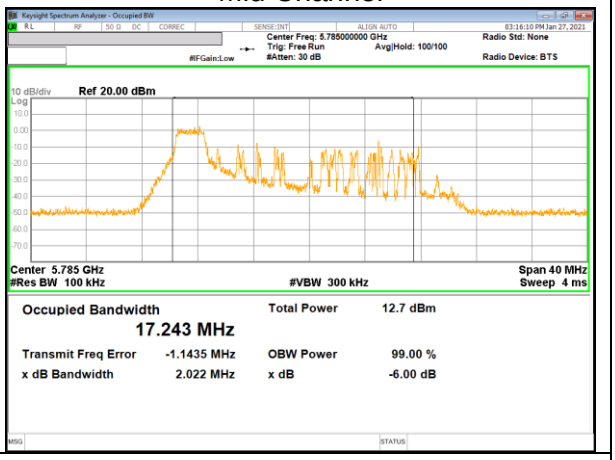
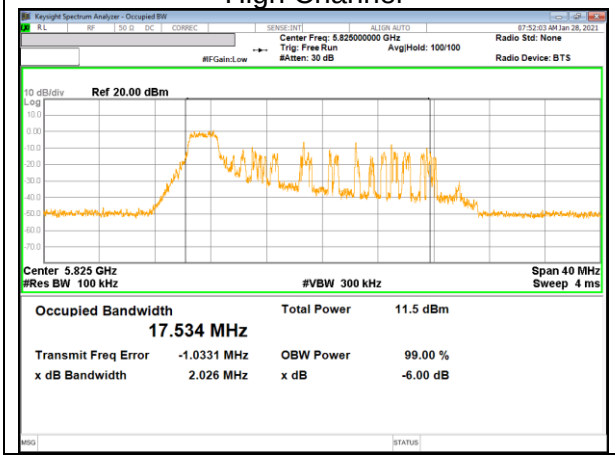
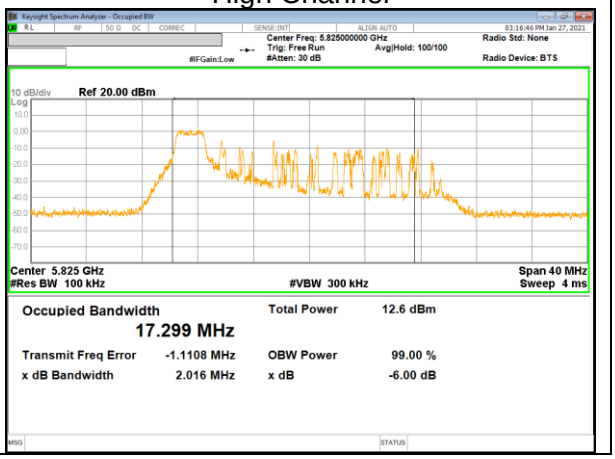
UNII 5.8 GHz IEEE 802.11ax HE40(SU) mode

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

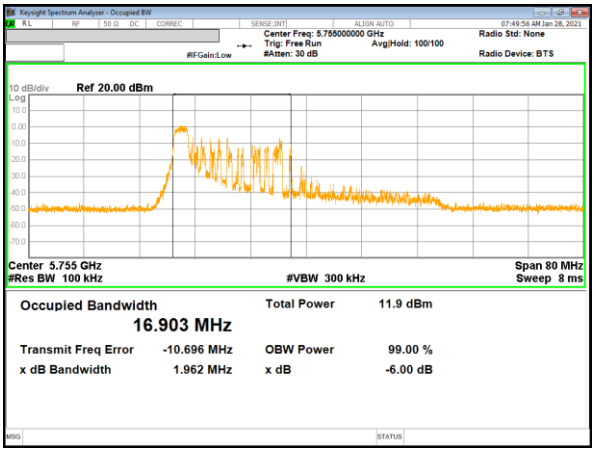
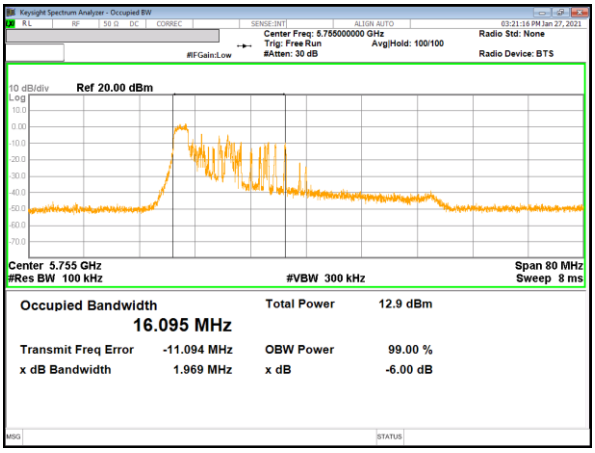
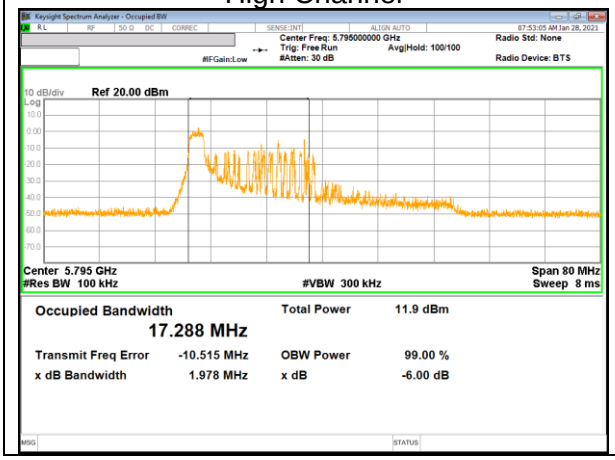
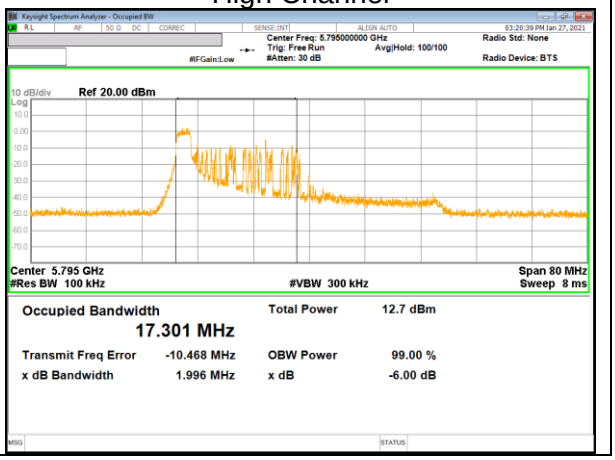
UNII 5.8 GHz IEEE 802.11ax HE80(SU) mode

ANT1	ANT2
Mid Channel	Mid Channel
	

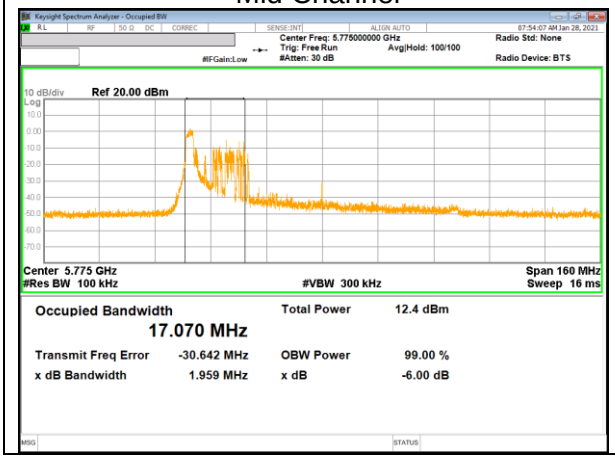
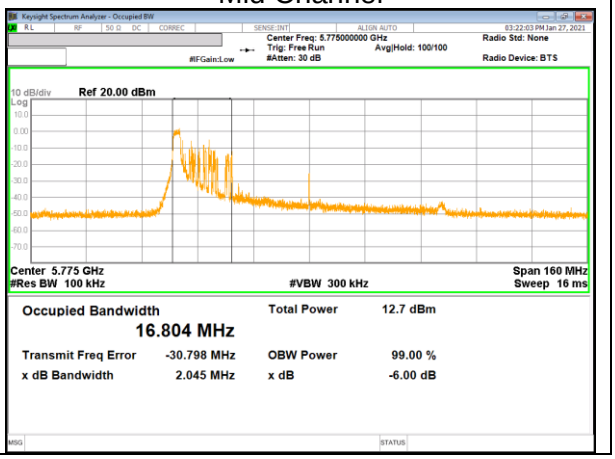
UNII 5.8 GHz IEEE 802.11ax HE20(RU) mode

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 client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. 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 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	-7.11	-6.71	-3.90
UNII 2A 5250 - 5350	-6.59	-6.55	-3.56
UNII 2C 5470 - 5725	-6.30	-6.66	-3.47
UNII 3 5725 - 5850	-7.30	-6.69	-3.98

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	21.21	-3.90	23.98	11.00
		Mid	5200				
		High	5240				
	802.11n HT20	Low	5180	21.30		23.98	11.00
		Mid	5200				
		High	5240				
	802.11n HT40	Low	5190	39.19		23.98	11.00
		High	5230				
	802.11ac VHT80	Mid	5210	81.42		23.98	11.00

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.10	dB
	802.11n HT20	0.11	dB
	802.11n HT40	0.12	dB
	802.11ac VHT80	0.20	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Average Power [dBm]		Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-1	802.11a	Low	5180	15.78	16.69	19.27	23.98
		Mid	5200	16.08	16.73	19.43	
		High	5240	16.13	16.79	19.48	
	802.11n HT20	Low	5180	14.59	14.56	17.59	23.98
		Mid	5200	16.03	16.75	19.42	
		High	5240	16.04	16.79	19.44	
	802.11n HT40	Low	5190	11.51	11.87	14.70	23.98
		High	5230	13.85	14.76	17.34	
	802.11ac VHT80	Mid	5210	12.98	13.75	16.39	23.98

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

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	5.334	5.211	8.383	11.00
		Mid	5200	5.457	5.204	8.443	
		High	5240	5.584	5.374	8.591	
	802.11n HT20	Low	5180	3.150	2.994	6.193	
		Mid	5200	4.984	4.877	8.051	
		High	5240	4.917	4.895	8.026	
	802.11n HT40	Low	5190	-2.237	-2.101	0.962	
		High	5230	1.077	1.007	4.172	
	802.11ac VHT80	Mid	5210	-3.455	-3.586	-0.310	

* 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	21.10	-3.56	23.98	11.00
		Mid	5300				
		High	5320				
	802.11n HT20	Low	5260	21.37		23.98	11.00
		Mid	5300				
		High	5320				
	802.11n HT40	Low	5270	39.37		23.98	11.00
		High	5310				
	802.11ac VHT80	Mid	5290	81.56		23.98	11.00

Included in Calculations of Corr'd Power & PPSD			
Duty Cycle CF [dB]	802.11a	0.10	dB
	802.11n HT20	0.11	dB
	802.11n HT40	0.12	dB
	802.11ac VHT80	0.20	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Average Power [dBm]		Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-2A	802.11a	Low	5260	16.25	16.64	19.46	23.98
		Mid	5300	16.32	16.71	19.53	
		High	5320	14.88	14.85	17.88	
	802.11n HT20	Low	5260	16.12	16.63	19.39	23.98
		Mid	5300	16.21	16.73	19.49	
		High	5320	13.97	13.83	16.91	
	802.11n HT40	Low	5270	14.38	14.65	17.53	23.98
		High	5310	11.77	11.81	14.80	
	802.11ac VHT80	Mid	5290	13.24	13.34	16.30	23.98

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

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	5.675	5.435	8.667	11.00
		Mid	5300	5.518	5.502	8.620	
		High	5320	3.842	3.443	6.757	
	802.11n HT20	Low	5260	4.977	4.833	8.026	
		Mid	5300	5.372	5.292	8.452	
		High	5320	2.614	2.096	5.483	
	802.11n HT40	Low	5270	1.165	0.772	4.103	
		High	5310	-1.767	-2.073	1.213	
	802.11ac VHT80	Mid	5290	-3.171	-3.813	-0.270	

* 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	21.06	-3.47	23.98	11.00
		Mid	5580				
		High	5700				
	802.11n HT20	Low	5500	21.43		23.98	11.00
		Mid	5580				
		High	5700				
	802.11n HT40	Low	5510	39.27		23.98	11.00
		Mid	5590				
		High	5670				
	802.11ac VHT80	Low	5530	81.07		23.98	11.00
		High	5610				
Included in Calculations of Corr'd Power & PPSD							
Duty Cycle CF [dB]			802.11a			0.10	dB
			802.11n HT20			0.11	dB
			802.11n HT40			0.12	dB
			802.11ac VHT80			0.20	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Average Power [dBm]		Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-2C	802.11a	Low	5500	11.54	11.44	14.50	23.98
		Mid	5580	15.46	16.14	18.82	
		High	5700	11.77	11.84	14.82	
	802.11n HT20	Low	5500	11.52	11.40	14.47	23.98
		Mid	5580	15.37	16.12	18.77	
		High	5700	11.70	11.84	14.78	
	802.11n HT40	Low	5510	13.80	14.28	17.06	23.98
		Mid	5590	13.68	14.27	17.00	
		High	5670	14.06	14.35	17.22	
	802.11ac VHT80	Low	5530	11.27	11.77	14.54	23.98
		High	5610	12.79	13.63	16.24	

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

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	0.414	0.184	3.411	11.00
		Mid	5580	4.529	4.932	7.845	
		High	5700	1.080	0.536	3.927	
	802.11n HT20	Low	5500	0.366	0.059	3.336	
		Mid	5580	4.539	4.675	7.728	
		High	5700	0.504	0.167	3.459	
	802.11n HT40	Low	5510	0.734	0.303	3.654	
		Mid	5590	0.224	0.208	3.346	
		High	5670	0.364	0.492	3.559	
	802.11ac VHT80	Low	5530	-5.307	-5.313	-2.100	
		High	5610	-4.031	-3.414	-0.501	

* 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	0.10	dB
	802.11n HT20	0.11	dB
	802.11n HT40	0.12	dB
	802.11ac VHT80	0.20	dB

Output Power Results

Band	Mode	Channel	Center Freq. [MHz]	Average Power [dBm]		Corr'd Power [dBm]	Power Limit [dBm]
				ANT1	ANT2		
UNII-3	802.11a	Low	5745	15.41	16.16	18.81	30.00
		Mid	5785	15.51	16.12	18.84	
		High	5825	15.46	16.09	18.80	
	802.11n HT20	Low	5745	15.35	16.11	18.76	
		Mid	5785	15.43	16.14	18.81	
		High	5825	15.42	16.03	18.75	
	802.11n HT40	Low	5755	13.56	14.33	16.97	
		High	5795	13.46	14.33	16.93	
	802.11ac VHT80	Mid	5775	12.55	13.73	16.19	

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

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	2.651	2.652	5.762	30.00
		Mid	5785	2.449	2.579	5.625	
		High	5825	2.430	2.776	5.717	
	802.11n HT20	Low	5745	1.430	1.854	4.767	
		Mid	5785	1.192	1.589	4.515	
		High	5825	1.138	1.508	4.447	
	802.11n HT40	Low	5755	-2.392	-2.387	0.741	
		High	5795	-2.761	-2.071	0.728	
	802.11ac VHT80	Mid	5775	-6.875	-6.309	-3.372	

* 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	15.77	-3.47	22.98	11.00
	802.11n HT20	Straddle	5720	15.70		22.96	11.00
	802.11n HT40	Straddle	5710	34.60		23.98	11.00
	802.11ac VHT80	Straddle	5690	75.61		23.98	11.00
Included in Calculations of Corr'd Power & PPSD							
Duty Cycle CF [dB]			802.11a			0.10	dB
			802.11n HT20			0.11	dB
			802.11n HT40			0.12	dB
			802.11ac VHT80			0.20	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	14.379	14.926	17.771	22.98
	802.11n HT20	Straddle	5720	14.562	14.731	17.768	22.96
	802.11n HT40	Straddle	5710	14.326	14.212	17.400	23.98
	802.11ac VHT80	Straddle	5690	13.059	13.229	16.355	23.98

* Calculation of Output Power : Total 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	4.518	4.987	7.869	11.00
	802.11n HT20	Straddle	5720	4.099	4.857	7.615	
	802.11n HT40	Straddle	5710	-0.174	0.380	3.242	
	802.11ac VHT80	Straddle	5690	-3.952	-2.980	-0.229	

* 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	5.64	-3.98	30.00	30.00
	802.11n HT20	Straddle	5720	5.69			
	802.11n HT40	Straddle	5710	4.41			
	802.11ac VHT80	Straddle	5690	5.60			
Included in Calculations of Corr'd Power & PPSD							
Duty Cycle CF [dB]			802.11a			0.10	dB
			802.11n HT20			0.11	dB
			802.11n HT40			0.12	dB
			802.11ac VHT80			0.20	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	8.094	8.645	11.489	30.00
	802.11n HT20	Straddle	5720	8.812	8.924	11.989	
	802.11n HT40	Straddle	5710	3.835	3.537	6.819	
	802.11ac VHT80	Straddle	5690	-1.311	-1.668	1.724	

* Calculation of Output Power : Total 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	1.015	1.835	4.555	30.00
	802.11n HT20	Straddle	5720	0.744	1.305	4.154	
	802.11n HT40	Straddle	5710	-4.311	-3.807	-0.921	
	802.11ac VHT80	Straddle	5690	-9.279	-9.067	-5.961	

* 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	14.97	-3.90	23.98	11.00
	Mid	5200				
	High	5240				
HE40	Low	5190	9.39		23.98	
	High	5230				
HE80	Mid	5210	9.47		23.98	

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	6.95	7.24	10.11	23.98
				4	7.33	7.58	10.47	
				8	7.17	7.35	10.27	
			52T	37	9.15	9.29	12.23	
				38	9.38	9.49	12.45	
				40	9.27	9.42	12.36	
			106T	53	11.24	11.31	14.29	
				54	11.26	11.41	14.35	
			SU	-	13.99	14.03	17.02	23.98
	40	5200	26T	0	7.01	7.16	10.10	23.98
				4	7.13	7.50	10.33	
				8	7.01	7.36	10.20	
			52T	37	8.98	9.37	12.19	
				38	9.21	9.54	12.39	
				40	9.17	9.45	12.32	
			106T	53	10.96	11.33	14.16	
				54	11.04	11.40	14.23	
			SU	-	15.95	16.19	19.08	23.98
	48	5240	26T	0	7.00	7.47	10.25	23.98
				4	7.07	7.74	10.43	
				8	7.03	7.43	10.24	
			52T	37	8.99	9.45	12.24	
				38	9.19	9.67	12.45	
				40	9.11	9.55	12.35	
			106T	53	11.01	11.41	14.22	
				54	11.10	11.50	14.31	
			SU	-	15.99	16.32	19.17	23.98

* 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	7.61	7.65	10.64	23.98
				9	7.45	7.83	10.65	
				17	7.77	7.81	10.80	
			52T	37	8.73	8.86	11.81	
				41	8.58	8.87	11.74	
				44	7.87	8.09	10.99	
			106T	53	9.17	9.15	12.17	
				54	9.82	9.76	12.80	
				56	9.13	9.38	12.27	
			242T	61	10.35	10.37	13.37	
				62	10.26	10.52	13.40	
			SU	-	10.91	11.09	14.01	23.98
	46	5230	26T	0	7.65	7.66	10.67	23.98
				9	7.58	7.90	10.75	
				17	6.70	6.96	9.84	
			52T	37	7.91	7.95	10.94	
				41	8.66	8.99	11.84	
				44	7.98	8.25	11.13	
			106T	53	9.19	9.18	12.20	
				54	9.86	9.73	12.81	
				56	9.16	9.44	12.31	
			242T	61	10.47	10.38	13.44	
				62	10.33	10.62	13.49	
			SU	-	14.11	14.32	17.23	23.98
HE80	42	5210	26T	0	6.45	6.52	9.50	23.98
				18	7.05	7.39	10.23	
				36	6.55	6.82	9.70	
			52T	37	6.70	6.73	9.73	
				45	7.12	7.25	10.20	
				52	6.70	6.97	9.85	
			106T	53	8.02	7.98	11.01	
				57	8.23	8.39	11.32	
				60	8.02	8.29	11.17	
			242T	61	9.33	9.25	12.30	
				62	9.37	9.57	12.48	
				64	9.30	9.51	12.42	
			484T	65	8.98	9.26	12.13	
				66	9.06	9.42	12.25	
			SU	-	13.05	12.97	16.02	23.98

* 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	-6.301	-7.138	6.311	11.00
				4	-5.534	-6.808	6.886	
				8	-5.622	-6.987	6.759	
			SU	-	-8.070	-9.808	4.258	
	40	5200	26T	0	-5.975	-7.267	6.437	
				4	-5.470	-6.982	6.850	
				8	-5.739	-7.139	6.627	
			SU	-	-6.219	-7.637	6.240	
	48	5240	26T	0	-6.150	-7.088	6.417	
				4	-5.687	-6.753	6.823	
				8	-5.362	-6.629	7.061	
			SU	-	-5.720	-7.659	6.528	
HE40	38	5190	26T	0	-5.713	-6.633	6.862	
				9	-6.266	-5.826	6.970	
				17	-5.837	-6.182	7.004	
			SU	-	-13.977	-14.034	-0.895	
	46	5230	26T	0	-5.661	-6.519	6.941	
				9	-5.922	-6.301	6.903	
				17	-6.446	-7.283	6.166	
			SU	-	-10.792	-10.982	2.224	
HE80	42	5210	26T	0	-6.673	-5.950	6.714	
				18	-6.634	-5.608	6.920	
				36	-5.540	-5.372	7.555	
			SU	-	-15.550	-14.909	-2.107	

* 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	15.10	-3.56	22.79	11.00
	Mid	5300				
	High	5320				
HE40	Low	5270	15.24		22.83	
	High	5310				
HE80	Mid	5290	11.55		21.63	

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	52	5260	26T	0				22.79
				4				
				8				
			52T	37	9.37	9.19	12.29	
				38	9.53	9.31	12.43	
				40	9.41	9.21	12.32	
			106T	53	11.32	11.32	14.33	
				54	11.40	11.33	14.38	
			SU	-	16.01	16.13	19.08	23.98
	60	5300	26T	0				22.79
				4				
				8				
			52T	37	9.52	9.34	12.44	
				38	9.80	9.47	12.65	
				40	9.61	9.32	12.48	
			106T	53	11.53	11.50	14.53	
				54	11.57	11.47	14.53	
			SU	-	16.18	16.18	19.19	23.98
	64	5320	26T	0				22.79
				4				
				8				
			52T	37	9.56	9.31	12.45	
				38	9.72	9.45	12.60	
				40	9.58	9.28	12.44	
			106T	53	11.60	11.40	14.51	
				54	11.53	11.37	14.46	
			SU	-	13.60	13.22	16.42	23.98

* 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				22.83
				9				
				17				
			52T	37	8.28	7.67	11.00	
				41	8.99	8.57	11.80	
				44	8.25	7.83	11.06	
			106T	53	9.42	8.90	12.18	
				54	9.97	9.50	12.75	
				56	9.50	9.04	12.29	
			242T	61	10.67	10.27	13.48	
				62	10.67	10.40	13.55	
			SU	-	14.43	14.06	17.26	23.98
	62	5310	26T	0				22.83
				9				
				17				
			52T	37	8.28	7.71	11.01	
				41	8.99	8.64	11.83	
				44	8.31	7.84	11.09	
			106T	53	9.47	8.94	12.22	
				54	9.98	9.49	12.75	
				56	9.47	9.09	12.29	
			242T	61	10.69	10.25	13.49	
				62	10.65	10.44	13.56	
			SU	-	11.25	11.15	14.21	23.98
HE80	58	5290	26T	0				21.63
				18				
				36				
			52T	37	6.70	6.76	9.74	
				45	7.11	7.25	10.19	
				52	6.68	7.00	9.85	
			106T	53	8.03	8.00	11.03	
				57	8.29	8.44	11.38	
				60	8.02	8.27	11.16	
			242T	61	9.35	9.26	12.32	
				62	9.26	9.46	12.37	
				64	9.33	9.54	12.45	
			484T	65	8.91	9.16	12.05	
				66	9.05	9.47	12.28	
			SU	-	13.02	12.99	16.02	23.98

* 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	52T	37	-6.153	-8.035	6.017	11.00
				38	-6.007	-7.938	6.144	
				40	-5.532	-7.930	6.443	
			SU	-	-5.965	-7.492	6.449	
	60	5300	52T	37	-5.596	-7.943	6.397	
				38	-5.576	-7.470	6.590	
				40	-5.468	-7.156	6.780	
			SU	-	-5.124	-7.270	7.045	
	64	5320	52T	37	-5.663	-7.429	6.553	
				38	-5.211	-7.625	6.758	
				40	-5.173	-7.093	6.983	
			SU	-	-7.498	-7.134	5.798	
HE40	54	5270	52T	*37*	-8.004	-9.518	4.315	
				41	-6.783	-8.536	5.439	
				44	-7.314	-8.946	4.957	
			SU	-	-10.484	-10.841	2.451	
	62	5310	52T	37	-7.742	-8.951	4.706	
				41	-6.654	-8.035	5.720	
				44	-7.286	-8.664	5.090	
			SU	-	-9.799	-13.531	1.834	
HE80	58	5290	52T	37	-9.032	-9.246	3.873	
				45	-8.117	-8.283	4.811	
				52	-8.384	-7.975	4.836	
			SU	-	-14.338	-14.466	-1.291	

* 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	15.80	-3.47	22.99	11.00
	Mid	5580				
	High	5700				
HE40	Low	5510	13.44		22.28	
	Mid	5590				
	High	5670				
HE80	Low	5530	11.60		21.64	
	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				22.99
				4				
				8				
			52T	37	9.31	8.77	12.06	
				38	9.50	8.90	12.22	
				40	9.34	8.62	12.01	
			106T	53	11.24	10.91	14.09	
				54	11.21	10.80	14.02	
			SU	-	11.23	10.80	14.03	23.98
	116	5580	26T	0				22.99
				4				
				8				
			52T	37	9.41	8.76	12.11	
				38	9.55	8.89	12.24	
				40	9.38	8.57	12.00	
			106T	53	11.30	10.92	14.12	
				54	11.26	10.82	14.06	
			SU	-	16.41	16.53	19.48	23.98
	140	5700	26T	0				22.99
				4				
				8				
			52T	37	9.54	9.14	12.35	
				38	9.68	9.21	12.46	
				40	9.56	8.93	12.27	
			106T	53	11.46	11.22	14.35	
				54	11.40	10.99	14.21	
			SU	-	11.40	11.12	14.27	23.98

* 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				22.28
				9				
				17				
			52T	37	8.98	8.42	11.72	
				41	8.91	8.29	11.62	
				44	8.16	7.30	10.76	
			106T	53	9.27	8.60	11.96	
				54	9.81	9.11	12.48	
				56	9.42	8.59	12.04	
			242T	61	10.43	9.87	13.17	
				62	10.62	10.03	13.35	
			SU	-	12.79	12.49	15.65	23.98
	118	5590	26T	0				22.28
				9				
				17				
			52T	37	8.02	7.29	10.68	
				41	8.46	7.72	11.12	
				44	7.96	7.38	10.69	
			106T	53	9.23	8.54	11.91	
				54	9.71	8.97	12.37	
				56	9.25	8.77	12.03	
			242T	61	10.25	9.74	13.01	
				62	10.33	9.88	13.12	
			SU	-	14.70	14.55	17.64	23.98
	134	5670	26T	0				22.28
				9				
				17				
			52T	37	8.12	7.47	10.82	
				41	8.94	8.44	11.71	
				44	8.06	7.51	10.80	
			106T	53	9.33	8.61	12.00	
				54	9.86	9.14	12.53	
				56	9.23	8.70	11.98	
			242T	61	10.47	9.95	13.23	
				62	10.46	10.26	13.37	
			SU	-	14.72	14.73	17.74	23.98

* 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				21.64
				18				
				36				
			52T	37	7.91	7.17	10.57	
				45	7.41	6.68	10.07	
				52	7.86	7.12	10.52	
			106T	53	8.06	7.38	10.74	
				57	8.41	7.69	11.08	
				60	8.06	7.38	10.74	
			242T	61	9.35	8.60	12.00	
				62	9.34	8.67	12.03	
				64	9.43	8.80	12.14	
			484T	65	9.03	8.40	11.74	
				66	9.17	8.59	11.90	
			SU	-	11.84	11.97	14.92	23.98
	122	5610	26T	0				21.64
				18				
				36				
			52T	37	7.88	7.20	10.56	
				45	7.37	6.64	10.03	
				52	7.88	7.26	10.59	
			106T	53	8.04	7.34	10.71	
				57	8.31	7.71	11.03	
				60	8.04	7.44	10.76	
			242T	61	9.38	8.54	11.99	
				62	9.26	8.63	11.97	
				64	9.35	8.87	12.13	
			484T	65	8.96	8.45	11.72	
				66	9.04	8.57	11.82	
			SU	-	13.65	13.99	16.83	23.98

* 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	52T	37	-6.281	-8.070	5.926	11.00
				38	-5.712	-7.768	6.391	
				40	-6.031	-7.803	6.183	
			SU	-	-10.611	-12.132	1.805	
	116	5580	52T	37	-5.677	-7.160	6.655	
				38	-5.779	-7.239	6.562	
				40	-5.608	-6.991	6.766	
			SU	-	-5.295	-5.505	7.712	
	140	5700	52T	37	-6.057	-7.190	6.424	
				38	-5.926	-6.817	6.662	
				40	-5.947	-7.499	6.356	
			SU	-	-9.530	-11.575	2.677	
HE40	102	5510	52T	37	-6.705	-7.992	5.709	
				41	-7.104	-8.345	5.330	
				44	-7.754	-8.647	4.833	
			SU	-	-11.534	-11.975	1.361	
	118	5590	52T	37	-7.801	-8.897	4.696	
				41	-7.003	-7.795	5.629	
				44	-7.294	-8.532	5.141	
			SU	-	-9.942	-9.035	3.645	
	134	5670	52T	37	-7.400	-8.612	5.046	
				41	-6.838	-7.664	5.779	
				44	-7.784	-8.525	4.872	
			SU	-	-9.938	-10.148	3.069	
HE80	106	5530	52T	37	-7.869	-7.967	5.093	
				45	-7.975	-7.965	5.040	
				52	-7.556	-7.668	5.399	
			SU	-	-15.967	-14.905	-2.293	
	122	5610	52T	37	-7.480	-7.900	5.325	
				45	-8.148	-8.629	4.628	
				52	-7.633	-8.918	4.782	
			SU	-	-14.163	-13.097	-0.487	

* 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	14.292	-3.47	22.55	11.00 [dBm/MHz]
	UNII-3	3.770	-3.98	30.00	30.00 [dBm/500kHz]
5710(HE40)	UNII-2C	11.342	-3.47	21.55	11.00 [dBm/MHz]
	UNII-3	4.110	-3.98	30.00	30.00 [dBm/500kHz]
5690(HE80)	UNII-2C	13.594	-3.47	22.33	11.00 [dBm/MHz]
	UNII-3	3.070	-3.98	30.00	30.00 [dBm/500kHz]

Included in Calculations of Corr'd Power & PPSD				
Duty Cycle CF [dB]	HE20	52T	-	dB
		SU	0.10	dB
	HE40	52T	-	dB
		SU	0.10	dB
	HE80	52T	-	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	52T	39	8.707	7.975	11.367	22.55
		SU	-	14.845	14.805	17.935	
	UNII-3	52T	39	-1.264	-1.959	1.413	30.00
		SU	-	9.742	9.557	12.761	
5710	UNII-2C	52T	43	8.473	8.086	11.294	21.55
		SU	-	14.243	14.446	17.456	
	UNII-3	52T	43	-7.720	-8.425	-5.048	30.00
		SU	-	4.214	4.440	7.439	
5690	UNII-2C	52T	51	6.767	6.062	9.439	22.33
		SU	-	12.463	12.867	15.780	
	UNII-3	52T	51	-8.348	-9.002	-5.652	30.00
		SU	-	-1.300	-1.291	1.815	

* 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	52T	39	3.908	3.899	6.914	11.00
		SU	-	4.327	5.056	7.817	
	*UNII-3	52T	39	-0.924	-0.285	2.418	30.00
		SU	-	0.079	1.817	4.145	
5710	UNII-2C	52T	43	3.201	2.709	5.972	11.00
		SU	-	0.548	0.282	3.527	
	*UNII-3	52T	43	-11.041	-10.689	-7.851	30.00
		SU	-	-4.726	-3.584	-1.007	
5690	UNII-2C	52T	51	2.586	1.986	5.307	11.00
		SU	-	-3.817	-3.177	-0.375	
	*UNII-3	52T	51	-12.736	-12.190	-9.444	30.00
		SU	-	-10.446	-9.248	-6.696	

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	-3.98	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	7.11	7.37	10.25	30.00
				4	7.24	7.52	10.39	
				8	7.00	7.10	10.06	
			52T	37	8.96	9.28	12.13	
				38	9.06	9.43	12.26	
				40	8.84	9.11	11.99	
			106T	53	11.08	11.13	14.12	
				54	10.95	10.96	13.97	
			SU	-	16.31	16.52	19.43	
	157	5785	26T	0	7.11	7.25	10.19	
				4	7.40	7.61	10.52	
				8	7.06	7.12	10.10	
			52T	37	8.92	9.19	12.07	
				38	9.12	9.40	12.27	
				40	8.91	9.08	12.01	
			106T	53	11.01	11.04	14.04	
				54	11.03	10.99	14.02	
			SU	-	16.39	16.51	19.46	
	165	5825	26T	0	6.94	7.34	10.15	
				4	7.30	7.56	10.44	
				8	6.96	7.12	10.05	
			52T	37	8.81	9.11	11.97	
				38	9.01	9.34	12.19	
				40	8.84	9.01	11.94	
			106T	53	10.86	10.99	13.94	
				54	10.89	10.97	13.94	
			SU	-	16.19	16.43	19.32	

* 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	7.57	7.47	10.53	30.00
				9	7.75	7.65	10.71	
				17	7.74	7.46	10.61	
			52T	37	7.87	7.76	10.83	
				41	8.76	8.67	11.73	
				44	7.88	7.73	10.82	
			106T	53	8.94	8.96	11.96	
				54	9.47	9.43	12.46	
				56	9.02	8.97	12.01	
			242T	61	10.21	10.12	13.18	
				62	10.25	10.19	13.23	
			SU	-	14.57	14.60	17.60	
	159	5795	26T	0	7.15	7.32	10.25	
				9	7.76	7.89	10.84	
				17	7.22	7.16	10.20	
			52T	37	7.46	7.55	10.52	
				41	8.74	8.86	11.81	
				44	7.58	7.45	10.53	
			106T	53	8.57	8.87	11.73	
				54	9.44	9.56	12.51	
				56	8.74	8.83	11.80	
			242T	61	9.91	10.11	13.02	
				62	10.21	10.15	13.19	
			SU	-	14.39	14.60	17.51	
HE80	155	5775	26T	0	6.69	7.53	10.14	
				18	7.21	7.99	10.63	
				36	6.92	7.46	10.21	
			52T	37	6.84	7.67	10.29	
				45	6.41	7.20	9.83	
				52	7.08	7.64	10.38	
			106T	53	7.91	7.88	10.91	
				57	7.42	8.10	10.78	
				60	8.02	8.81	11.44	
			242T	61	9.22	9.92	12.59	
				62	8.30	9.08	11.72	
				64	8.34	9.22	11.81	
			484T	65	8.91	9.89	12.44	
				66	9.11	9.94	12.56	
			SU	-	11.82	13.06	15.49	

* 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

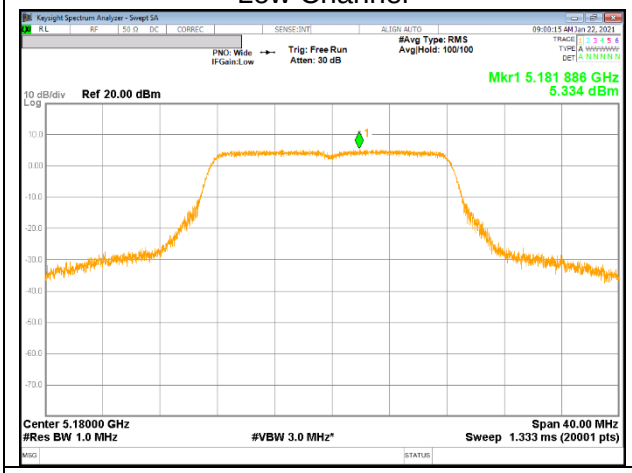
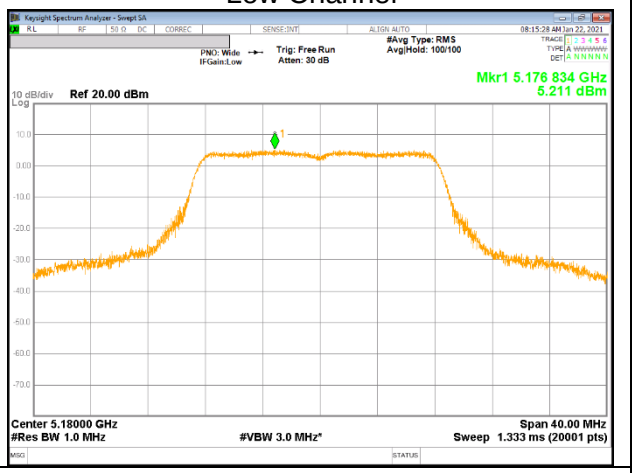
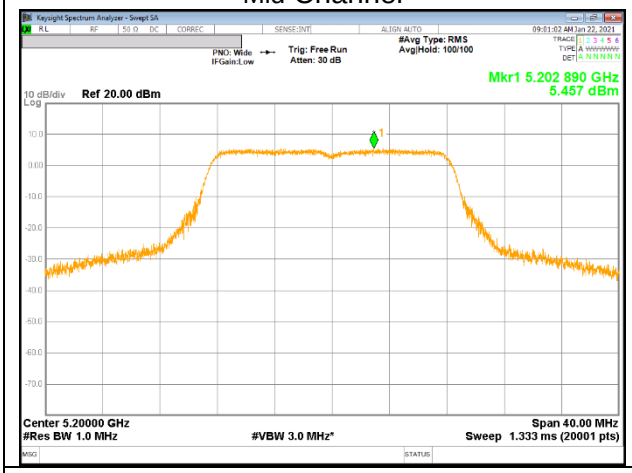
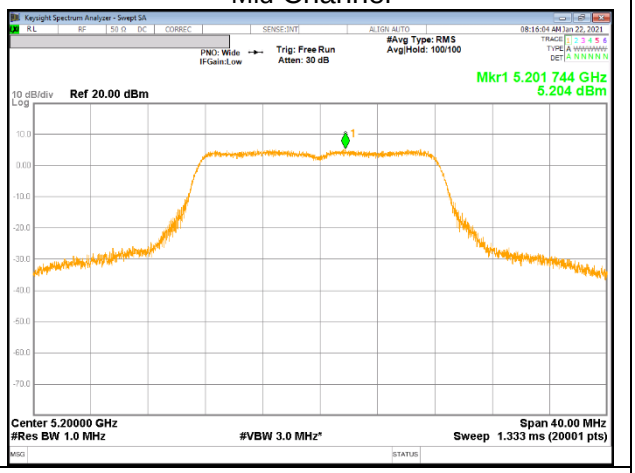
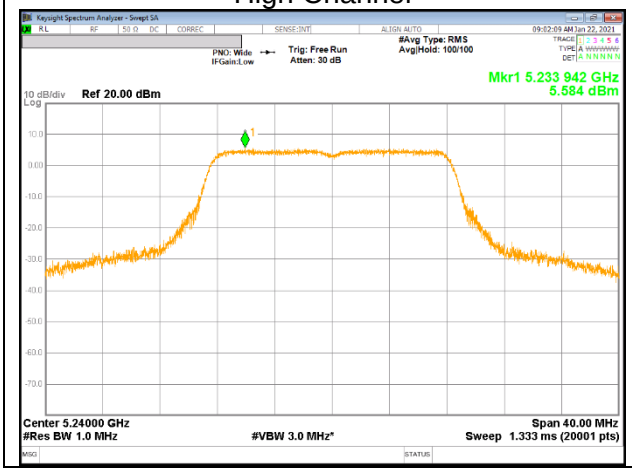
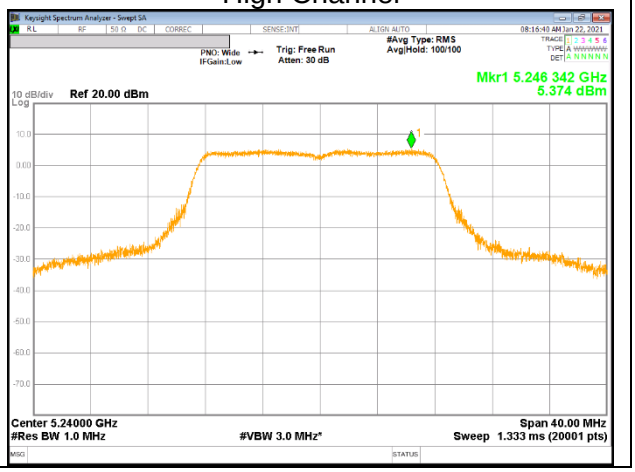
Actual RBW	Ref. Bandwidth	Corr'd factor
100 kHz	500 kHz	6.99 dB

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	-5.849	-5.735	4.209	30.00
				4	-5.443	-5.912	4.329	
				8	-5.901	-5.685	4.209	
			SU	-	-5.809	-6.142	4.128	
	157	5785	26T	0	-5.527	-5.974	4.256	
				4	-5.179	-5.801	4.521	
				8	-5.361	-5.995	4.334	
			SU	-	-5.455	-5.882	4.437	
	165	5825	26T	0	-5.548	-5.704	4.375	
				4	-5.170	-5.421	4.707	
				8	-5.374	-5.745	4.445	
			SU	-	-5.725	-5.683	4.396	
HE40	151	5755	26T	0	-5.357	-5.414	4.615	
				9	-4.583	-4.302	5.560	
				17	-5.026	-4.740	5.120	
			SU	-	-10.529	-10.373	-0.350	
	159	5795	26T	0	-5.765	-5.565	4.336	
				9	-4.296	-4.107	5.800	
				17	-5.544	-5.174	4.645	
			SU	-	-10.140	-10.217	-0.078	
HE80	155	5775	26T	0	-5.266	-5.302	4.716	
				18	-5.328	-4.456	5.130	
				36	-4.908	-4.213	5.454	
			SU	-	-15.438	-14.633	-4.917	

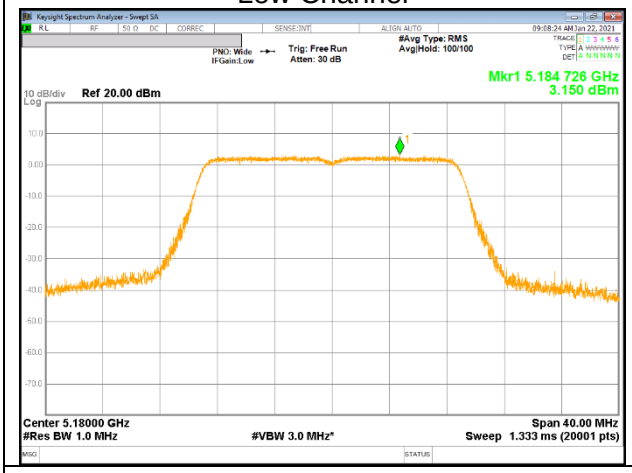
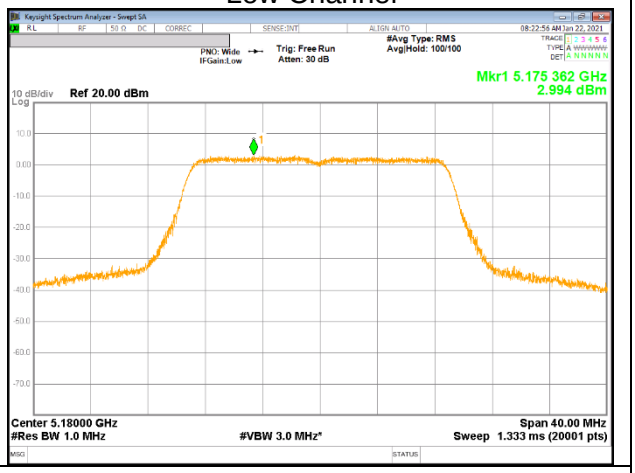
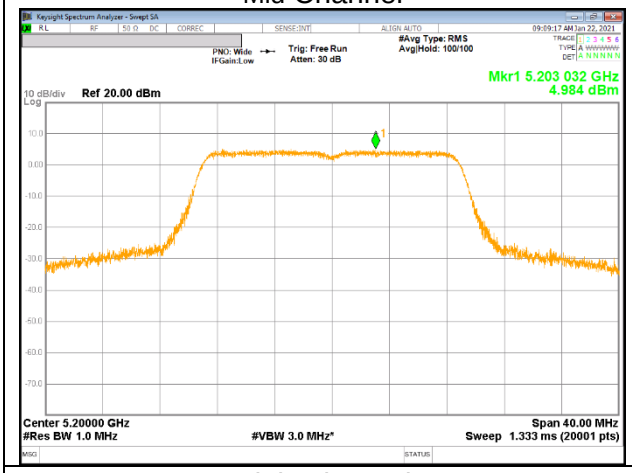
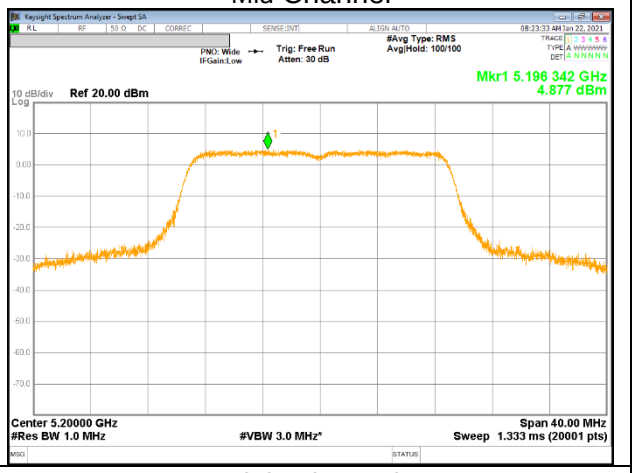
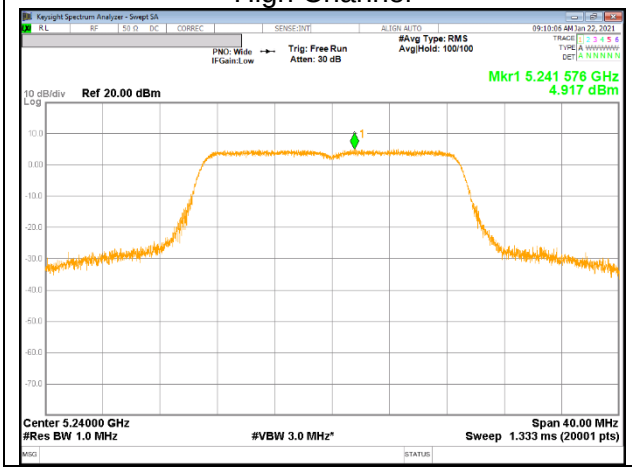
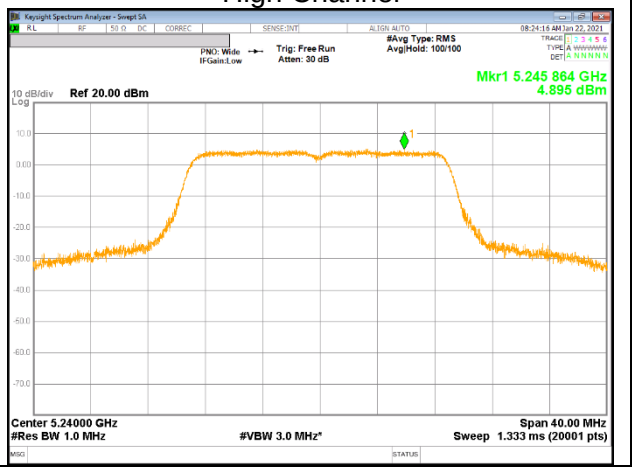
* Calculation of PPSD result : Total Corr'd PPSD = Ant1 PPSD + Ant2 PPSD + Duty CF [dB] + Corr'd factor [dB]

10.2.12. OUTPUT POWER AND PPSD PLOTS

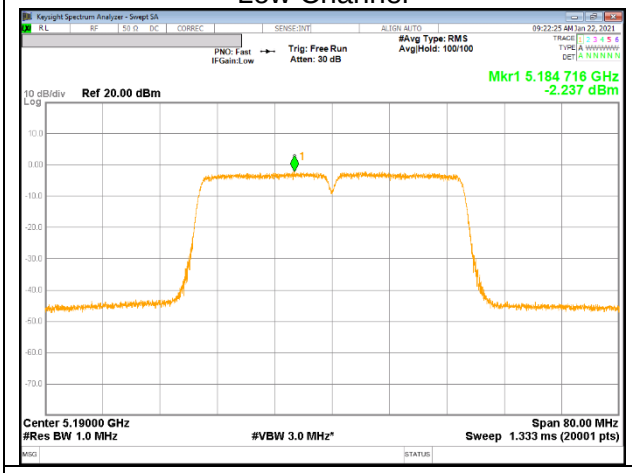
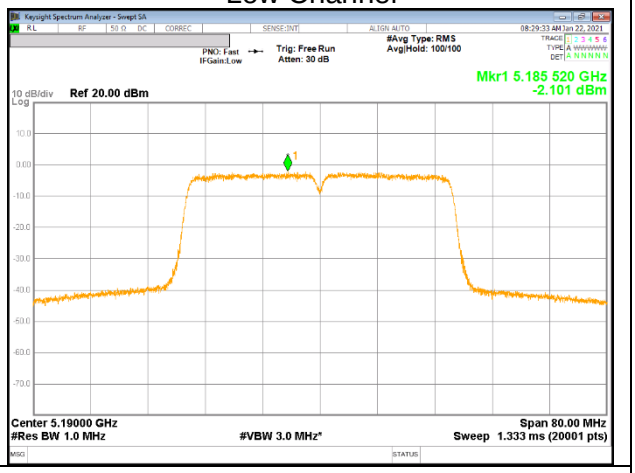
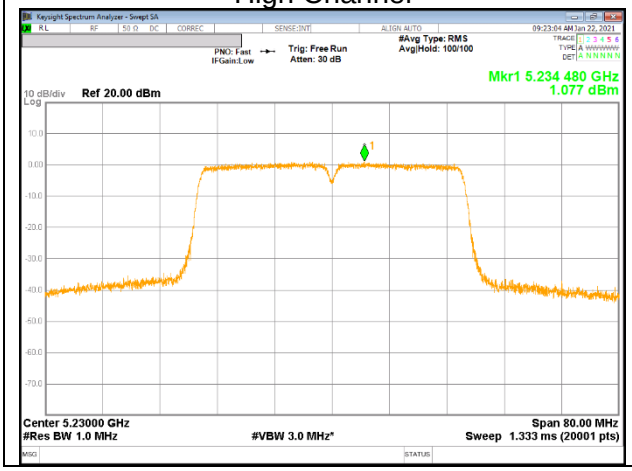
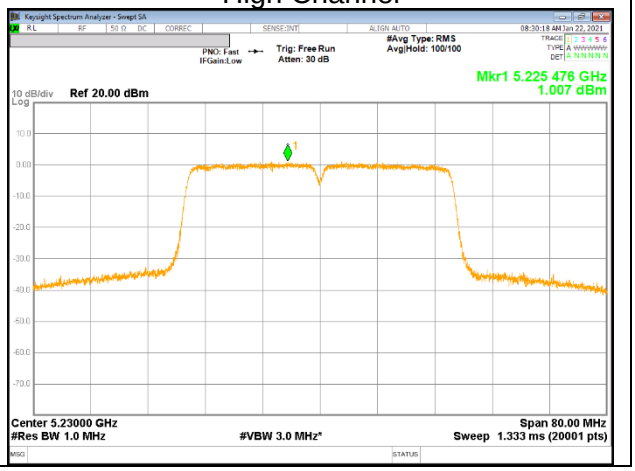
UNII 5.2 GHz IEEE 802.11a mode PSD

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

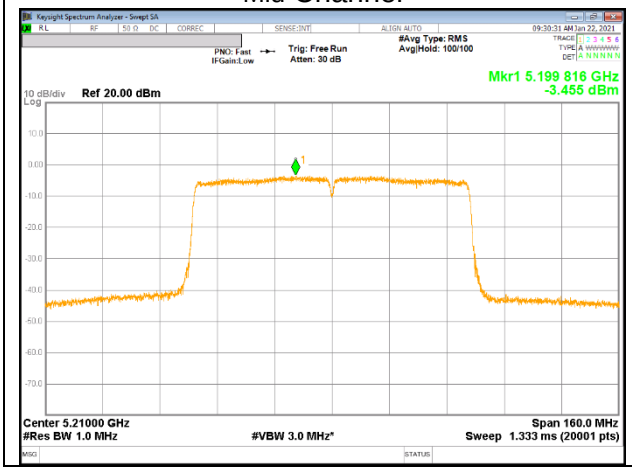
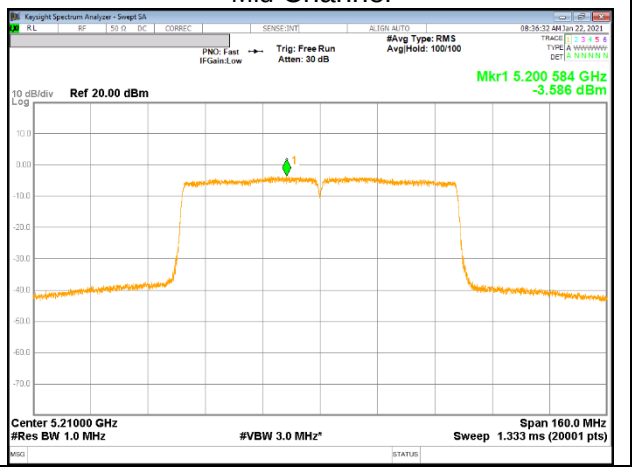
UNII 5.2 GHz IEEE 802.11n HT20 mode PSD

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

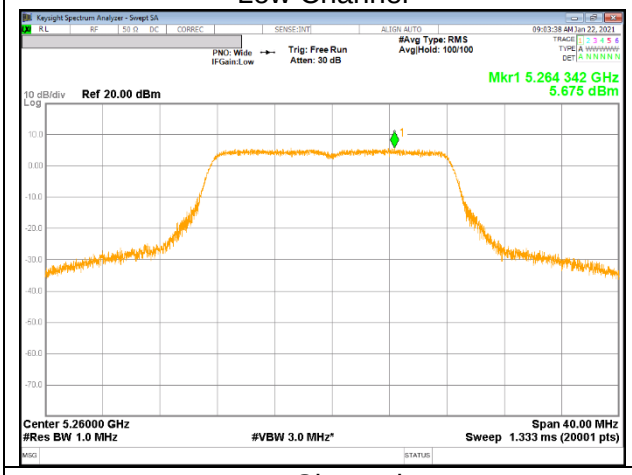
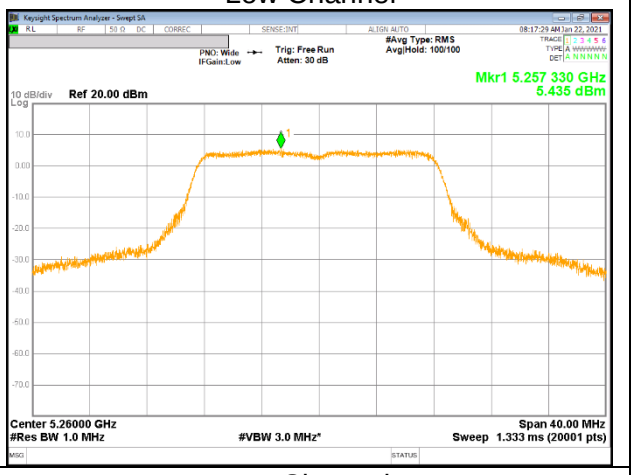
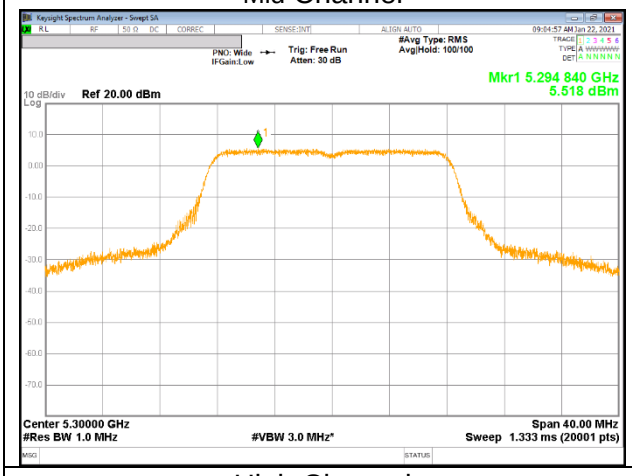
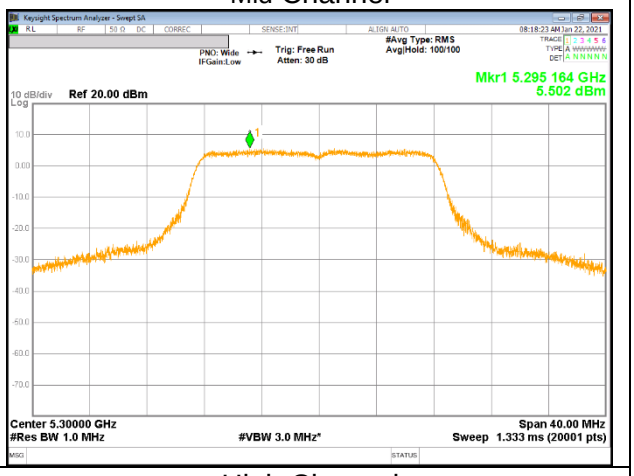
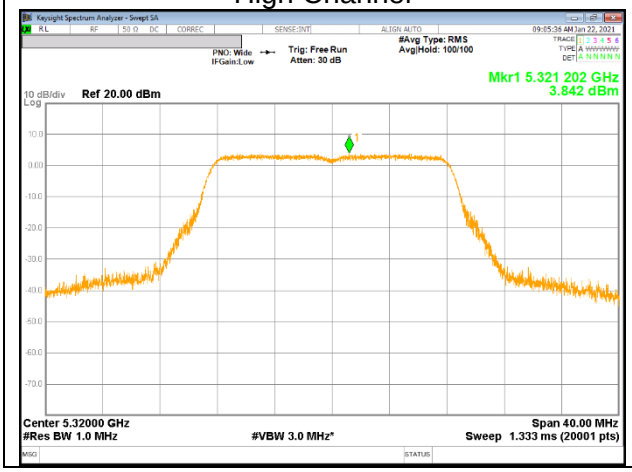
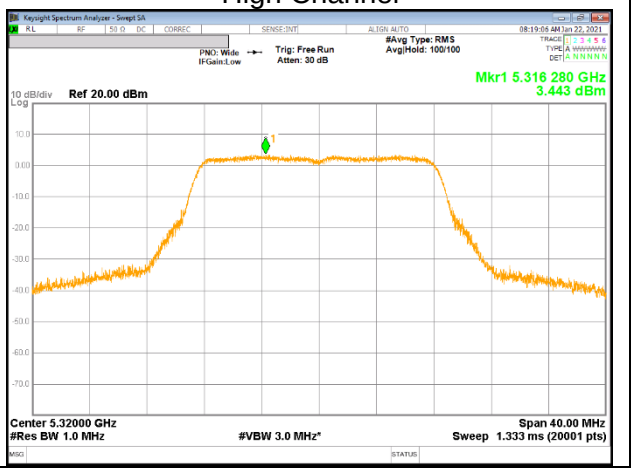
UNII 5.2 GHz IEEE 802.11n HT40 mode PSD

ANT1	ANT2
Low Channel	Low Channel
	
High Channel	High Channel
	

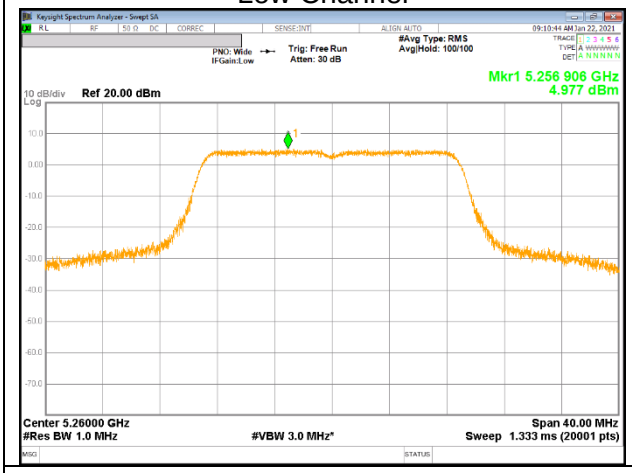
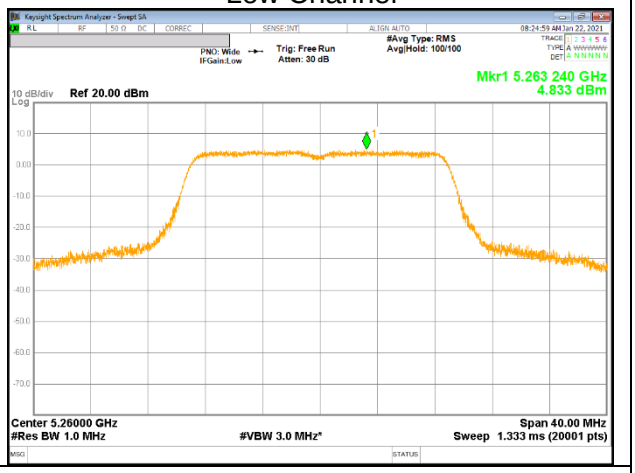
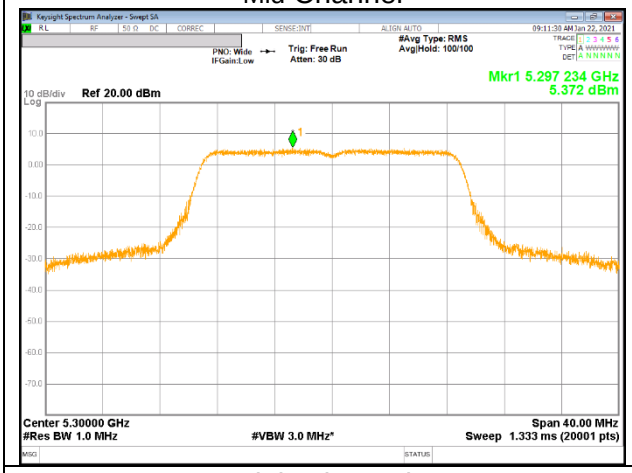
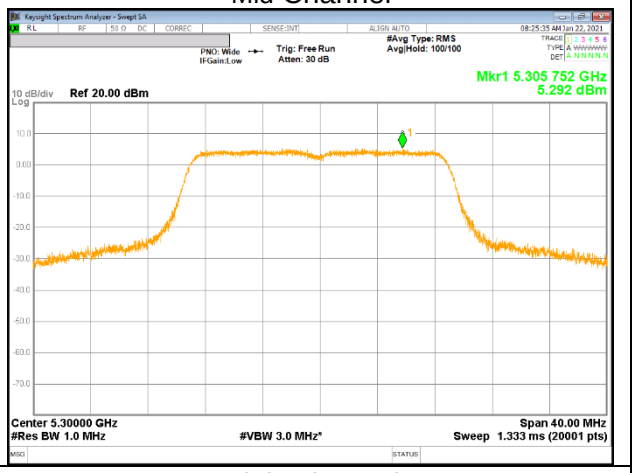
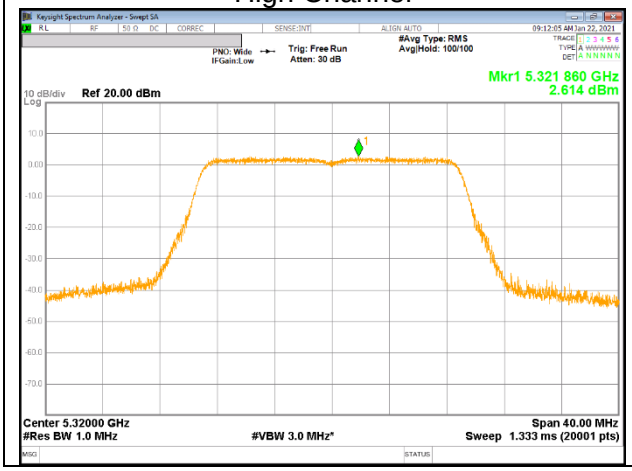
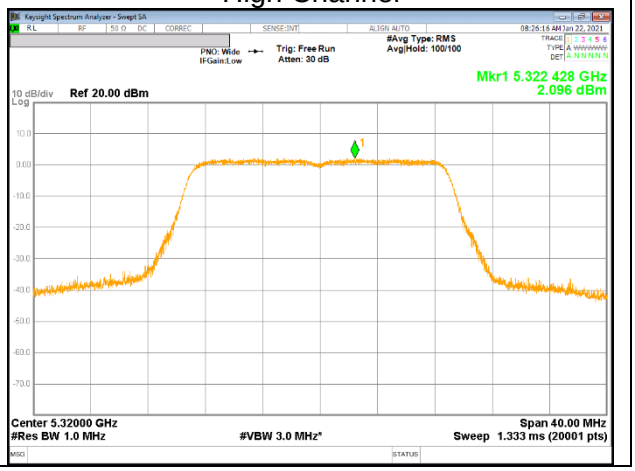
UNII 5.2 GHz IEEE 802.11ac VHT80 mode PSD

ANT1	ANT2
Mid Channel	Mid Channel
	

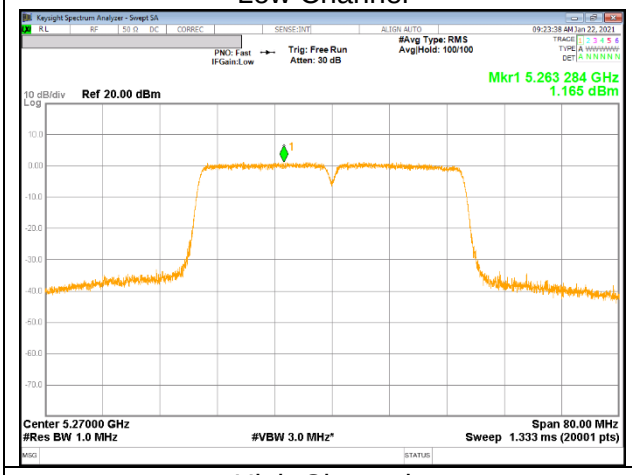
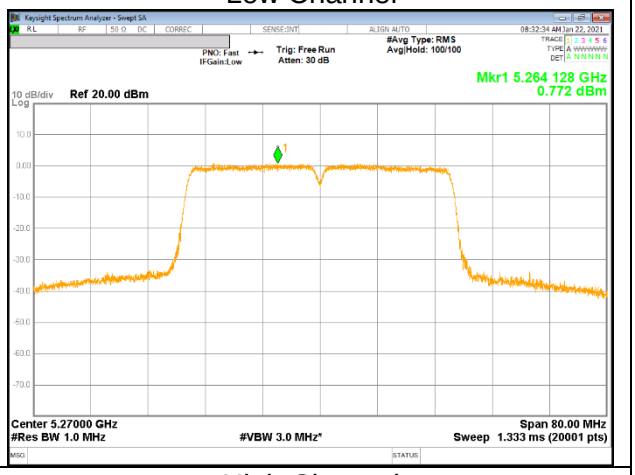
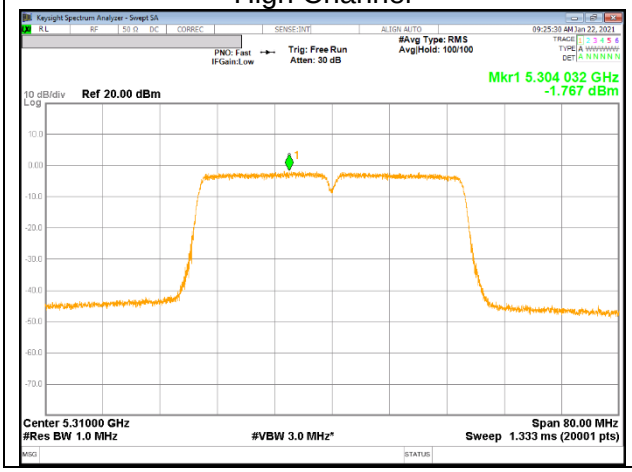
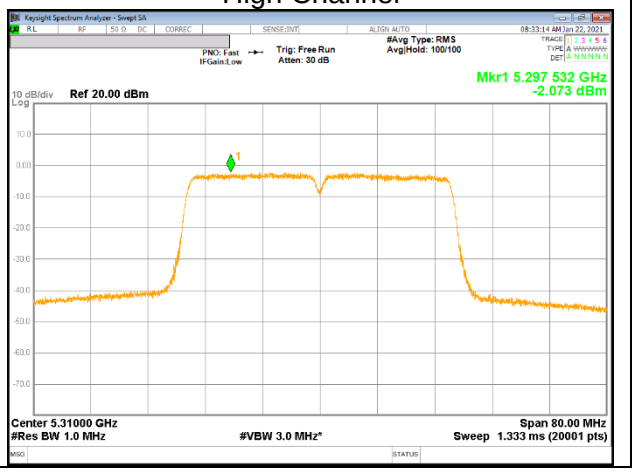
UNII 5.3 GHz IEEE 802.11a mode PSD

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