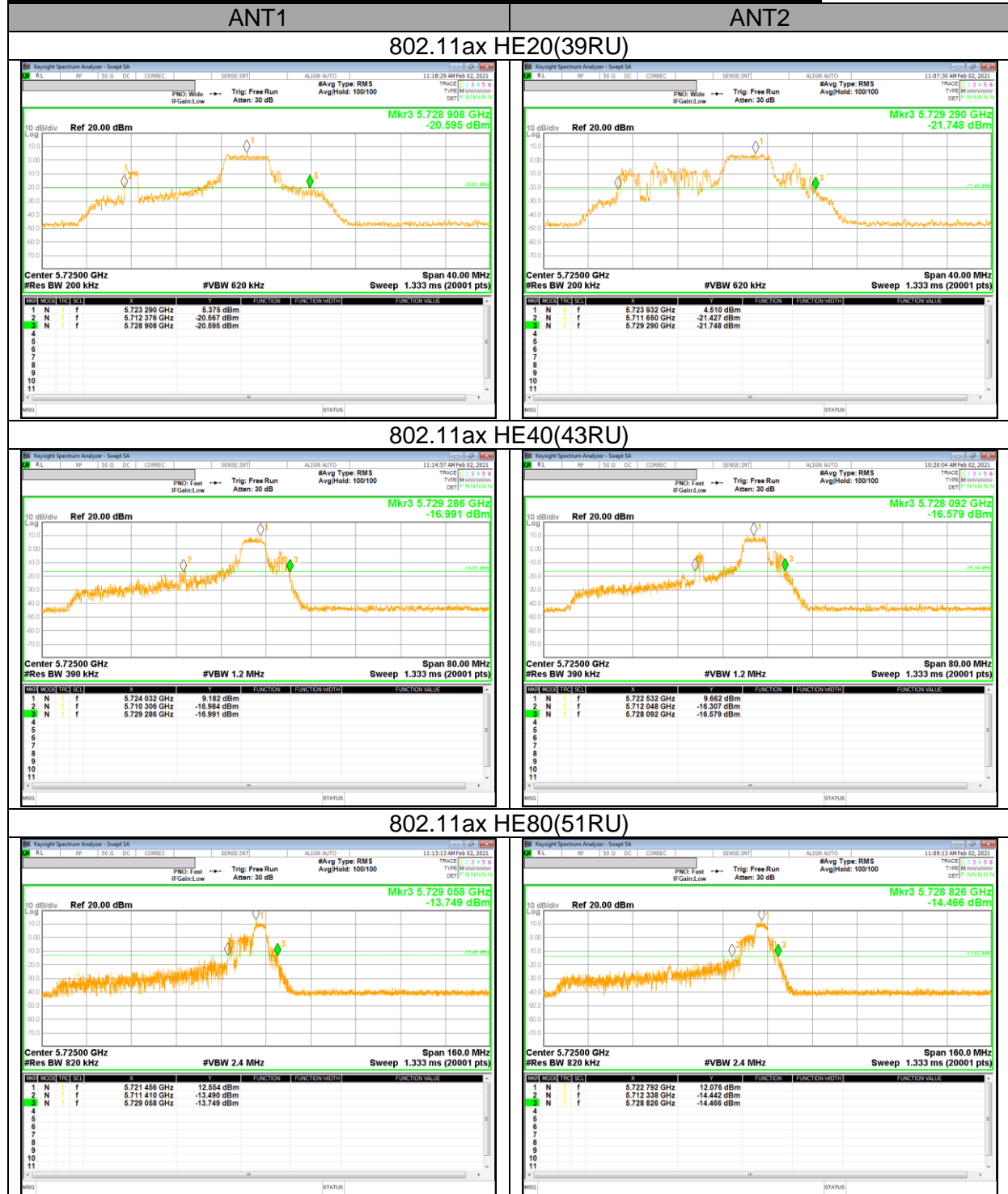


**UNII Straddle Channel IEEE 802.11ax HE20, HE40, HE80(RU) mode**



## 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 to 100KHz, the VBW  $\geq 3 \times$  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	16.33	16.33	16.32	0.5
		Mid	5785	16.37	16.32		
		High	5825	16.52	16.33		
	802.11n HT20	Low	5745	17.58	17.58	17.56	
		Mid	5785	17.57	17.58		
		High	5825	17.56	17.58		
	802.11n HT40	Low	5755	36.34	36.31	36.29	
		High	5795	36.30	36.29		
	802.11ac VHT80	Mid	5775	75.78	75.88	75.78	
	802.11ax HE20(SU)	Low	5745	19.01	19.10	18.81	
		Mid	5785	19.07	18.95		
		High	5825	19.01	18.81		
	802.11ax HE40(SU)	Low	5755	37.54	37.46	36.05	
		High	5795	36.94	36.05		
	802.11ax HE80(SU)	Mid	5775	77.17	77.41	77.17	

**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	2.042	2.038	0.5
		Mid			2.083	2.025	
		High			2.000	2.063	
	<b>Minimum 6dB Bandwidth</b>				2.000		
	HE40	Low	26T	0	2.004	2.043	
		High			1.918	2.009	
		<b>Minimum 6dB Bandwidth</b>				1.918	
	HE80	Mid	26T	0	1.995	7.775	
		<b>Minimum 6dB Bandwidth</b>				1.995	

### 10.1.3. 6 dB BANDWIDTH PLOTS

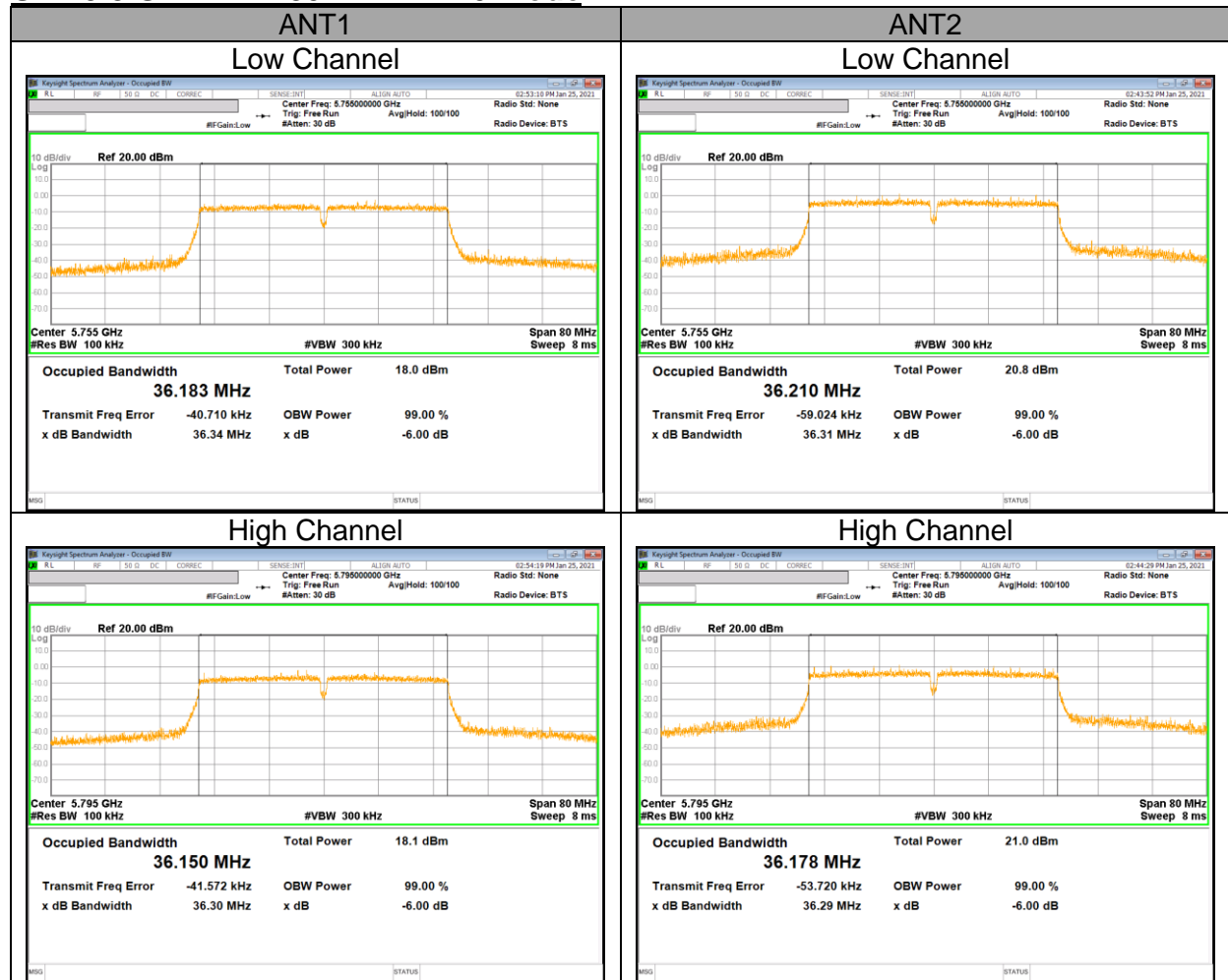
#### UNII 5.8 GHz IEEE 802.11a mode



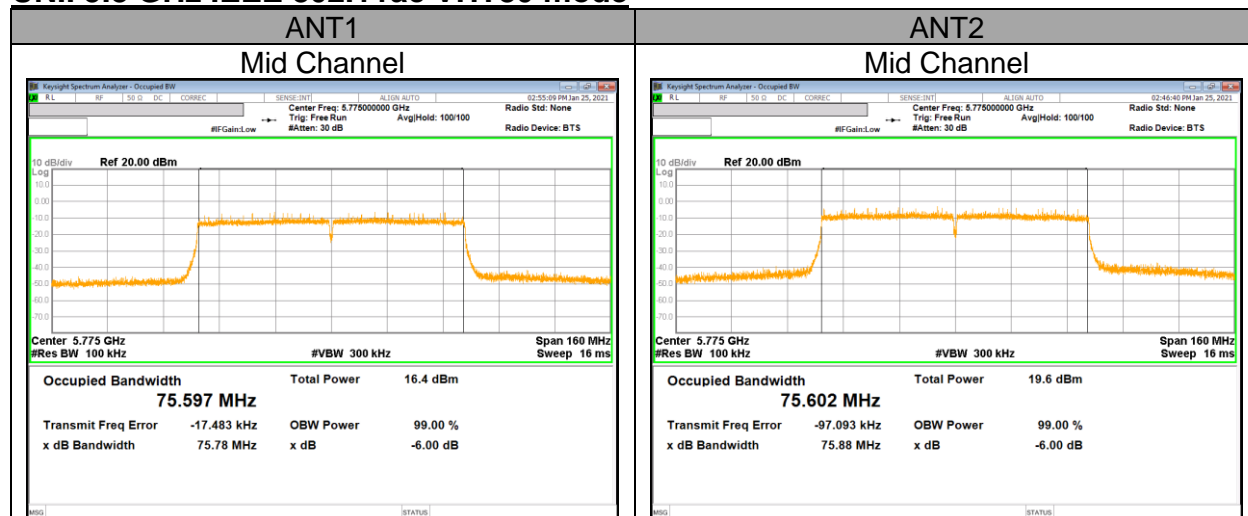
**UNII 5.8 GHz IEEE 802.11n HT20 mode**



**UNII 5.8 GHz IEEE 802.11n HT40 mode**



**UNII 5.8 GHz IEEE 802.11ac VHT80 mode**



**UNII 5.8 GHz IEEE 802.11ax HE20(SU) mode**

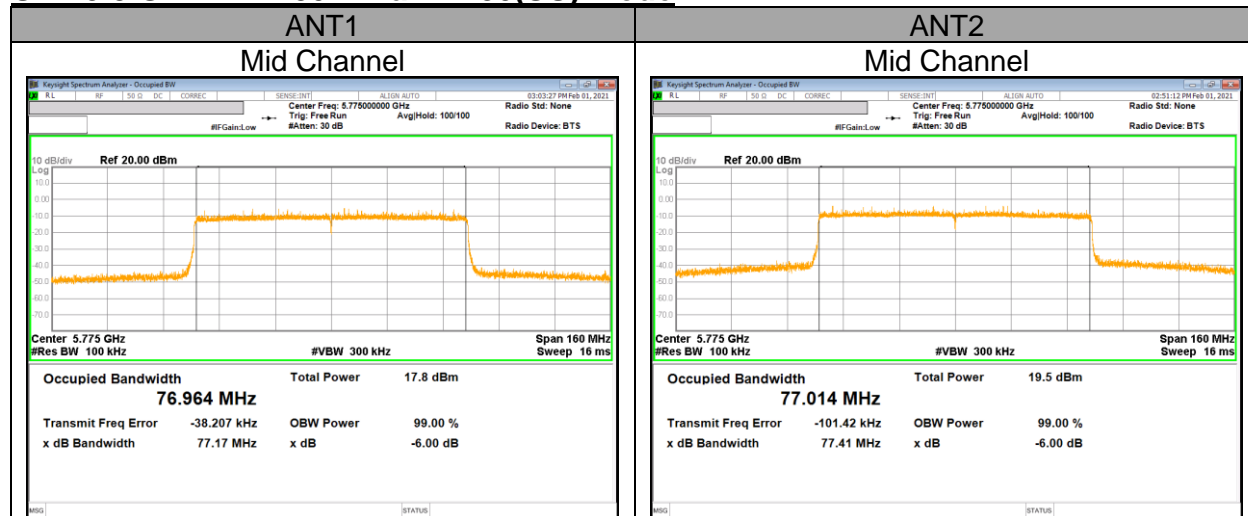




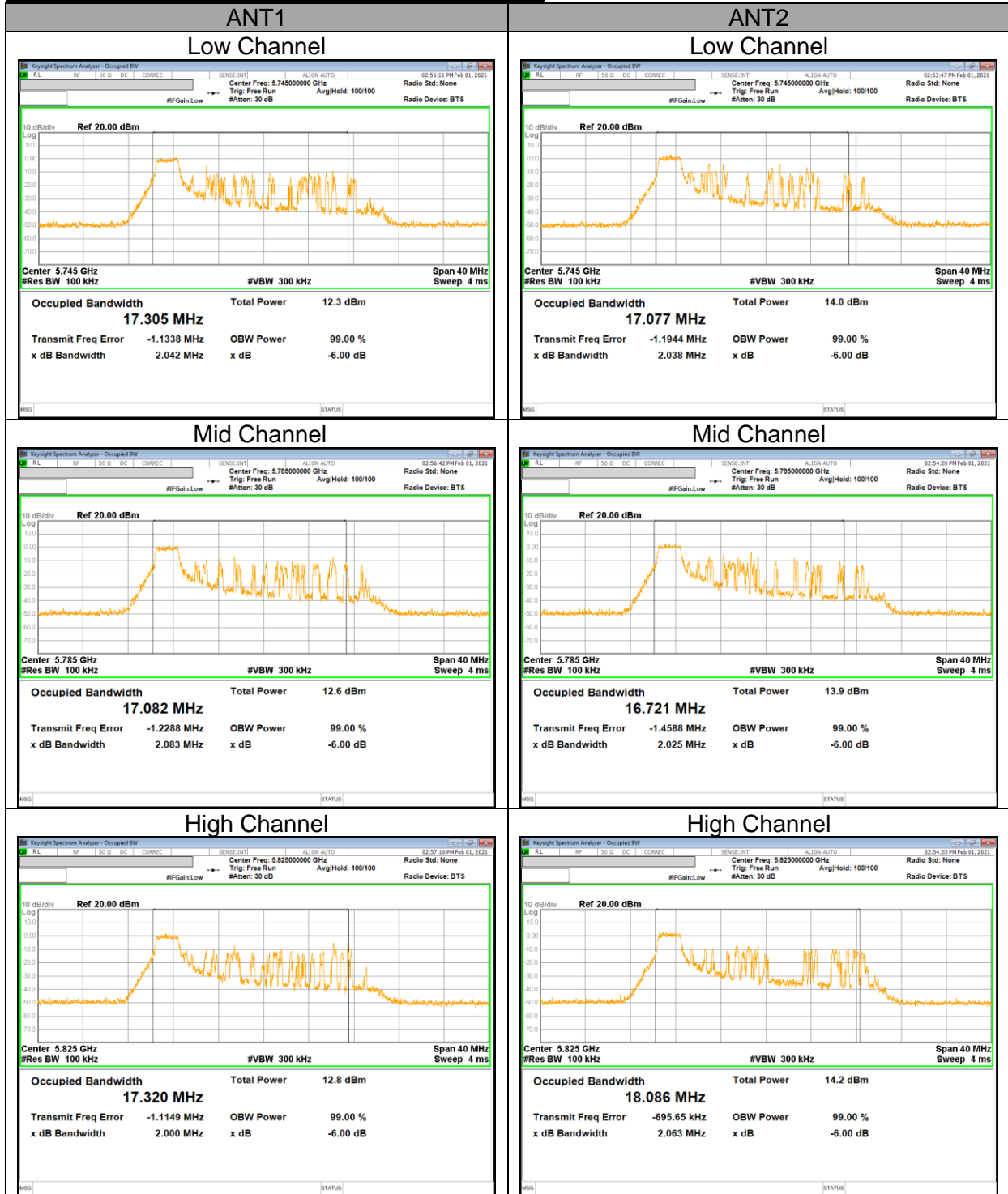
**UNII 5.8 GHz IEEE 802.11ax HE40(SU) mode**



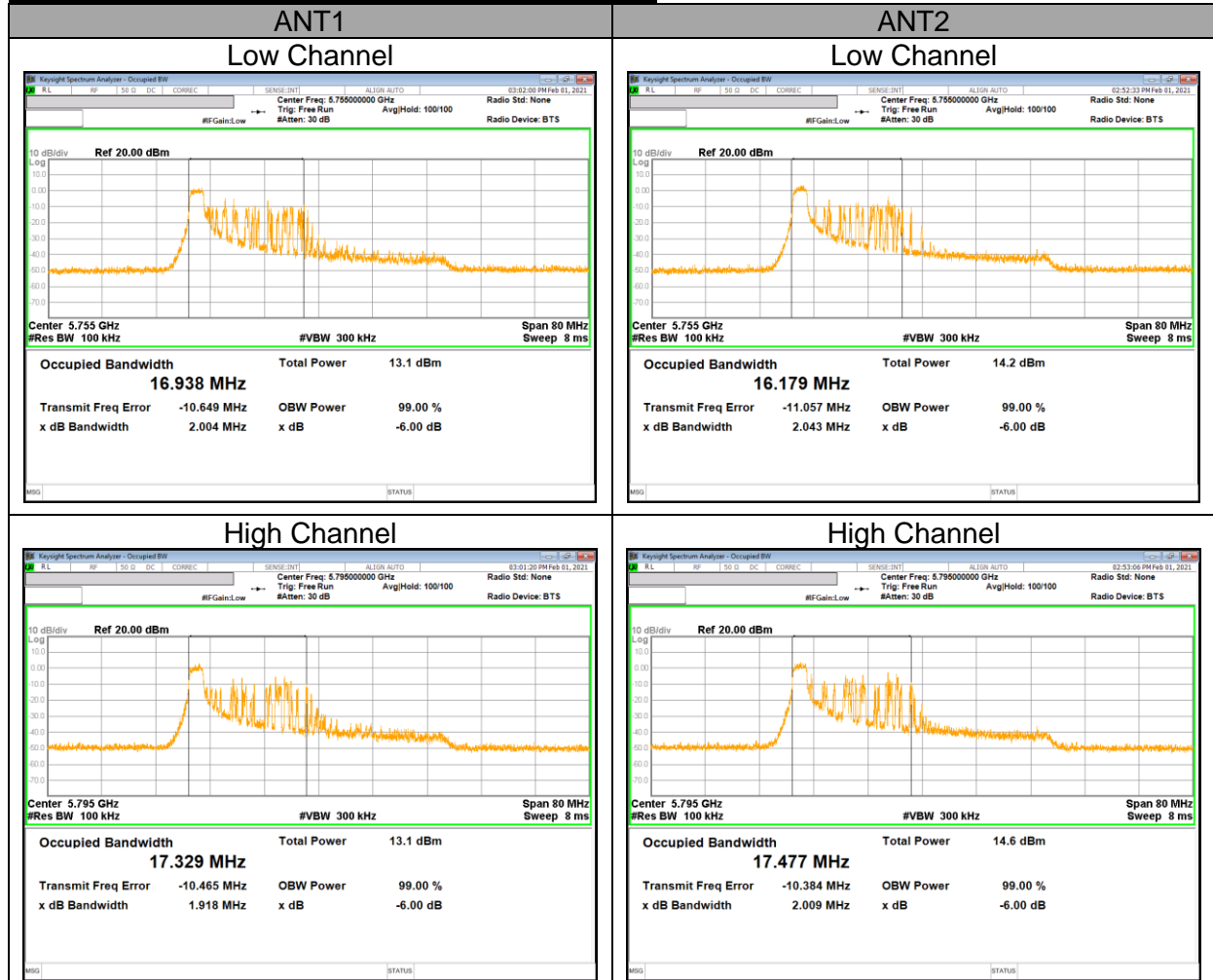
**UNII 5.8 GHz IEEE 802.11ax HE80(SU) mode**



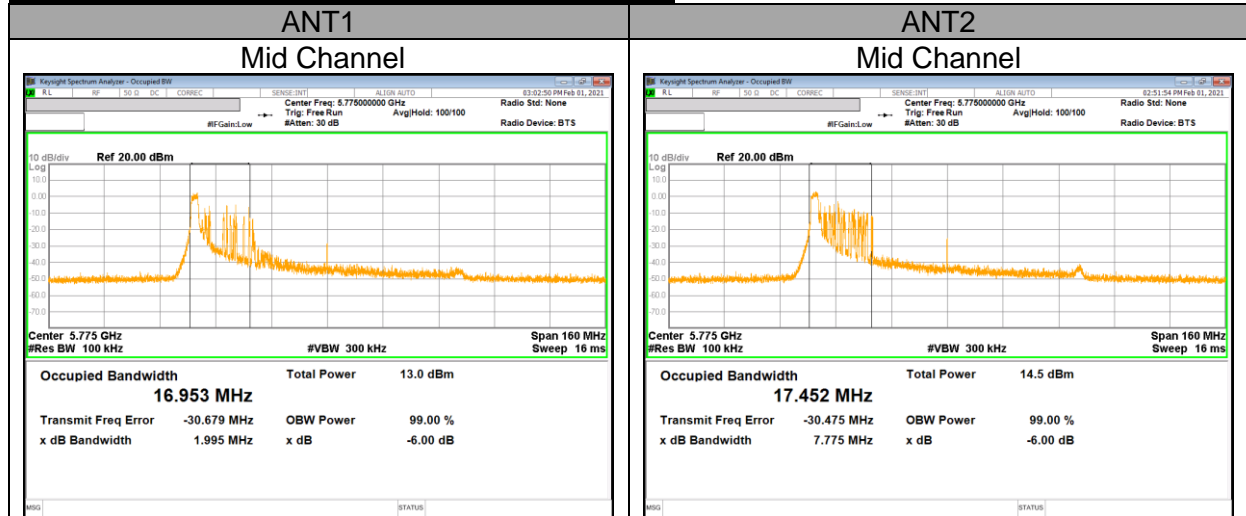
**UNII 5.8 GHz IEEE 802.11ax HE20(RU) mode**



**UNII 5.8 GHz IEEE 802.11ax HE40(RU) mode**



**UNII 5.8 GHz IEEE 802.11ax HE80(RU) mode**



## 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	-1.53	-2.25	1.13
UNII 2A 5250 - 5350	-1.08	-2.25	1.36
UNII 2C 5470 - 5725	-1.08	-2.25	1.36
UNII 3 5725 - 5850	-1.08	-13.87	-2.30

**RESULTS**

**10.2.1. 2Tx MODE IN THE 5.2 GHz BAND**

**Bandwidth and Antenna Gain, Limits**

Band	Mode	Channel	Center Freq. [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
UNII-1	802.11a	Low	5180	20.92	1.13	23.98	11.00
		Mid	5200				
		High	5240				
	802.11n HT20	Low	5180	21.32		23.98	11.00
		Mid	5200				
		High	5240				
	802.11n HT40	Low	5190	39.21		23.98	11.00
		High	5230				
	802.11ac VHT80	Mid	5210	81.42		23.98	11.00
	<b>Included in Calculations of Corr'd Power &amp; PSD</b>						
<b>Duty Cycle CF [dB]</b>			802.11a			0.11	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	16.08	16.32	19.21	23.98
		Mid	5200	16.07	16.41	19.25	
		High	5240	16.09	16.58	19.35	
	802.11n HT20	Low	5180	16.05	16.33	19.20	23.98
		Mid	5200	16.06	16.38	19.23	
		High	5240	16.10	16.49	19.31	
	802.11n HT40	Low	5190	11.98	12.68	15.35	23.98
		High	5230	13.88	14.48	17.20	
	802.11ac VHT80	Mid	5210	12.92	13.46	16.21	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 PSD [dBm/MHz]		Total Corr'd PSD [dBm/MHz]	PPSD Limit [dBm/MHz]
				ANT1	ANT2		
UNII-1	802.11a	Low	5180	4.262	5.842	8.244	11.00
		Mid	5200	4.227	5.629	8.105	
		High	5240	4.529	6.136	8.527	
	802.11n HT20	Low	5180	3.891	3.638	6.887	
		Mid	5200	3.867	4.183	7.148	
		High	5240	3.985	3.934	7.080	
	802.11n HT40	Low	5190	-2.567	-1.439	1.164	
		High	5230	-0.305	0.822	3.425	
	802.11ac VHT80	Mid	5210	-4.713	-3.501	-0.855	

\* Calculation of PSD result : Corr'd PSD = Ant1 PSD + Ant2 PSD + 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	21.16	1.36	23.98	11.00
		Mid	5300				
		High	5320				
	802.11n HT20	Low	5260	21.33		23.98	11.00
		Mid	5300				
		High	5320				
	802.11n HT40	Low	5270	39.01		23.98	11.00
		High	5310				
	802.11ac VHT80	Mid	5290	81.08		23.98	11.00
	<b>Included in Calculations of Corr'd Power &amp; PPSD</b>						
<b>Duty Cycle CF [dB]</b>			802.11a			0.11	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	16.35	16.31	19.34	23.98
		Mid	5300	16.51	16.46	19.50	
		High	5320	16.54	16.47	19.52	
	802.11n HT20	Low	5260	16.41	16.37	19.40	23.98
		Mid	5300	16.55	16.49	19.53	
		High	5320	16.53	16.43	19.49	
	802.11n HT40	Low	5270	14.35	14.29	17.33	23.98
		High	5310	14.38	14.41	17.41	
	802.11ac VHT80	Mid	5290	13.33	12.95	16.15	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	4.833	5.592	8.349	11.00
		Mid	5300	5.201	5.787	8.624	
		High	5320	4.929	5.757	8.483	
	802.11n HT20	Low	5260	4.431	4.185	7.430	
		Mid	5300	4.522	4.215	7.492	
		High	5320	4.709	4.149	7.558	
	802.11n HT40	Low	5270	0.419	0.912	3.803	
		High	5310	0.411	1.009	3.851	
	802.11ac VHT80	Mid	5290	-4.193	-3.457	-0.599	

\* 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	21.36	1.36	23.98	11.00
		Mid	5580				
		High	5700				
	802.11n HT20	Low	5500	21.32		23.98	11.00
		Mid	5580				
		High	5700				
	802.11n HT40	Low	5510	39.25		23.98	11.00
		Mid	5590				
		High	5670				
	802.11ac VHT80	Low	5530	81.50		23.98	11.00
		High	5610				
	<b>Included in Calculations of Corr'd Power &amp; PPSD</b>						
<b>Duty Cycle CF [dB]</b>			802.11a			0.11	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	16.35	16.58	19.48	23.98
		Mid	5580	16.56	16.53	19.56	
		High	5700	16.98	16.62	19.81	
	802.11n HT20	Low	5500	16.41	16.55	19.49	23.98
		Mid	5580	16.53	16.57	19.56	
		High	5700	15.28	14.79	18.05	
	802.11n HT40	Low	5510	11.94	11.77	14.87	23.98
		Mid	5590	14.73	14.56	17.66	
		High	5670	14.91	14.50	17.72	
	802.11ac VHT80	Low	5530	13.49	13.90	16.71	23.98
		High	5610	13.58	13.85	16.73	

\* 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	4.957	5.991	8.625	11.00
		Mid	5580	5.024	5.749	8.522	
		High	5700	5.740	6.007	8.996	
	802.11n HT20	Low	5500	4.372	4.521	7.567	
		Mid	5580	4.683	4.403	7.666	
		High	5700	3.441	3.156	6.421	
	802.11n HT40	Low	5510	-2.543	-2.002	0.866	
		Mid	5590	0.276	0.508	3.524	
		High	5670	0.893	0.784	3.969	
	802.11ac VHT80	Low	5530	-4.016	-2.977	-0.255	
		High	5610	-4.306	-3.015	-0.402	

\* 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		0.11	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	16.63	16.83	19.74	30.00
		Mid	5785	16.74	16.80	19.78	
		High	5825	16.65	16.72	19.70	
	802.11n HT20	Low	5745	16.63	16.83	19.74	
		Mid	5785	16.72	16.79	19.77	
		High	5825	16.61	16.72	19.68	
	802.11n HT40	Low	5755	14.55	14.92	17.75	
		High	5795	14.50	14.84	17.68	
	802.11ac VHT80	Mid	5775	12.56	13.34	15.98	

\* 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/500kHz]		Total Corr'd PPSD [dBm/500kHz]	PPSD Limit [dBm/500kHz]
				ANT1	ANT2		
UNII-3	802.11a	Low	5745	1.871	3.544	5.908	30.00
		Mid	5785	2.246	2.843	5.675	
		High	5825	2.274	3.133	5.845	
	802.11n HT20	Low	5745	1.767	2.178	5.098	
		Mid	5785	1.682	2.125	5.029	
		High	5825	1.850	2.567	5.344	
	802.11n HT40	Low	5755	-2.508	-1.626	1.086	
		High	5795	-2.956	-1.568	0.924	
	802.11ac VHT80	Mid	5775	-7.801	-6.341	-3.800	

\* 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	15.82	1.36	22.99	11.00
	802.11n HT20	Straddle	5720	15.74		22.97	11.00
	802.11n HT40	Straddle	5710	34.82		23.98	11.00
	802.11ac VHT80	Straddle	5690	75.83		23.98	11.00
<b>Included in Calculations of Corr'd Power &amp; PPSD</b>							
<b>Duty Cycle CF [dB]</b>			802.11a			0.11	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	15.522	15.374	18.569	22.99
	802.11n HT20	Straddle	5720	15.452	15.346	18.520	22.97
	802.11n HT40	Straddle	5710	14.117	14.608	17.500	23.98
	802.11ac VHT80	Straddle	5690	13.056	13.838	16.675	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	4.818	5.355	8.215	11.00
	802.11n HT20	Straddle	5720	4.534	5.471	8.148	
	802.11n HT40	Straddle	5710	-0.223	-0.164	2.937	
	802.11ac VHT80	Straddle	5690	-3.959	-3.583	-0.557	

\* 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	5.82	-2.30	30.00	30.00
	802.11n HT20	Straddle	5720	5.69			
	802.11n HT40	Straddle	5710	4.66			
	802.11ac VHT80	Straddle	5690	5.43			
<b>Included in Calculations of Corr'd Power &amp; PPSD</b>							
<b>Duty Cycle CF [dB]</b>			802.11a			0.11	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	9.354	9.062	12.331	30.00
	802.11n HT20	Straddle	5720	9.703	9.590	12.767	
	802.11n HT40	Straddle	5710	3.565	3.874	6.853	
	802.11ac VHT80	Straddle	5690	-1.241	-1.285	1.947	

\* 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	1.311	1.847	4.708	30.00
	802.11n HT20	Straddle	5720	1.146	1.379	4.384	
	802.11n HT40	Straddle	5710	-4.050	-4.411	-1.096	
	802.11ac VHT80	Straddle	5690	-9.364	-9.511	-6.227	

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

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

**Bandwidth and Antenna Gain, Limits**

Mode	Channel	Frequency [MHz]	Min 26 dB BW [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/MHz]
HE20	Low	5180	13.64	1.13	23.98	11.00
	Mid	5200				
	High	5240				
HE40	Low	5190	12.82		23.98	
	High	5230				
HE80	Mid	5210	18.02			

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	0.09	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	36	5180	26T	0	6.63	8.74	10.82	23.98
				4	6.90	8.99	11.08	
				8	6.57	8.59	10.71	
			52T	37	8.62	10.71	12.80	
				38	8.81	10.86	12.97	
				40	8.61	10.78	12.84	
			106T	53	10.76	12.81	14.92	
				54	10.82	12.82	14.94	
			SU	-	14.77	16.61	18.80	
	40	5200	26T	0	6.70	8.92	10.96	23.98
				4	6.83	8.81	10.94	
				8	6.64	8.90	10.93	
			52T	37	8.67	10.90	12.94	
				38	8.76	10.91	12.98	
				40	8.58	10.84	12.87	
			106T	53	10.79	12.89	14.98	
				54	10.73	12.90	14.96	
			SU	-	14.77	16.62	18.80	
	48	5240	26T	0	6.64	8.91	10.93	23.98
				4	6.94	8.99	11.10	
				8	6.73	8.92	10.97	
			52T	37	8.65	10.99	12.99	
				38	8.82	10.97	13.04	
				40	8.69	10.97	12.99	
106T			53	10.83	12.97	15.04		
			54	10.84	12.95	15.03		
SU			-	14.82	16.73	18.89	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	7.48	8.44	11.00	23.98	
				9	7.57	8.76	11.22		
				17	7.65	8.83	11.29		
			52T	37	10.03	10.63	13.35		
				41	9.59	10.79	13.24		
				44	9.95	10.91	13.47		
			106T	53	10.28	10.89	13.61		
				54	10.88	11.47	14.20		
				56	10.24	11.15	13.73		
	242T	61	10.61	11.24	13.95				
		62	10.46	11.39	13.96				
	SU	-	11.30	12.12	14.74	23.98			
	HE40	46	5230	26T	0	7.57	8.59	11.12	23.98
					9	7.64	8.93	11.34	
					17	7.72	8.90	11.36	
				52T	37	9.98	10.69	13.36	
					41	9.57	10.82	13.25	
					44	10.06	10.95	13.54	
106T				53	11.28	11.94	14.63		
				54	10.92	11.52	14.24		
				56	10.22	11.25	13.78		
242T				61	14.71	14.96	17.85		
				62	13.63	14.34	17.01		
SU				-	14.31	14.89	17.62	23.98	
HE80	42	5210	26T	0	7.59	8.47	11.06	23.98	
				18	7.17	8.43	10.86		
				36	7.66	8.91	11.34		
			52T	37	8.92	9.71	12.34		
				45	8.17	9.39	11.83		
				52	8.93	9.97	12.49		
			106T	53	10.13	10.72	13.45		
				57	10.51	11.30	13.93		
				60	10.21	11.11	13.69		
			242T	61	10.54	11.09	13.83		
				62	10.52	11.49	14.04		
				64	10.42	11.44	13.97		
			484T	65	10.13	11.05	13.62		
66	10.22	11.35		13.83					
SU	-	11.23	11.69	14.48	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	-6.156	-4.113	7.995	11.00
				4	-5.965	-4.050	8.108	
				8	-5.972	-4.414	7.887	
			SU	-	-7.635	-6.061	6.333	
	40	5200	26T	0	-6.454	-4.096	7.893	
				4	-6.199	-3.930	8.092	
				8	-6.176	-4.262	7.896	
			SU	-	-7.593	-5.712	6.559	
	48	5240	26T	0	-6.371	-4.079	7.935	
				4	-5.963	-3.835	8.240	
				8	-6.279	-3.777	8.160	
			SU	-	-7.476	-5.538	6.711	
HE40	38	5190	26T	0	-5.035	-3.614	8.744	
				9	-6.016	-4.048	8.089	
				17	-5.708	-3.263	8.695	
			SU	-	-14.974	-12.550	-0.485	
	46	5230	26T	0	-5.640	-3.430	8.614	
				9	-5.567	-3.478	8.612	
				17	-5.335	-2.943	9.034	
			SU	-	-11.322	-9.681	2.686	
HE80	42	5210	26T	0	-5.109	-3.168	8.979	
				18	-6.341	-4.081	7.945	
				36	-5.034	-3.165	9.011	
			SU	-	-17.083	-15.242	-2.955	

\* 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	11.10	1.36	21.45	11.00
	Mid	5300				
	High	5320				
HE40	Low	5270	15.08		22.78	
	High	5310				
HE80	Mid	5290	10.71			

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	0.09	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	52	5260	26T	0				21.45	
				4					
				8					
			52T	37	9.27	10.67	13.04		
				38	9.48	10.88	13.25		
				40	9.32	10.67	13.06		
			106T	53	11.38	12.81	15.16		
				54	11.44	12.69	15.12		
			SU	-	15.19	16.52	18.92		23.98
			60	5300	26T	0			
	4								
	8								
	52T	37			9.49	10.79	13.20		
		38			9.68	10.91	13.35		
		40			9.59	10.68	13.18		
	106T	53			11.61	12.90	15.31		
		54			11.62	12.78	15.25		
	SU	-			15.38	16.58	19.03	23.98	
	64	5320			26T	0			
			4						
			8						
			52T	37	9.64	10.85	13.30		
				38	9.76	10.92	13.39		
				40	9.57	10.75	13.21		
106T			53	11.71	12.87	15.34			
			54	11.56	12.78	15.22			
SU			-	15.37	16.56	19.02	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

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				22.78
				9				
				17				
			52T	37	10.37	10.30	13.35	
				41	10.37	10.50	13.45	
				44	10.56	10.61	13.60	
			106T	53	11.74	11.73	14.75	
				54	11.41	11.30	14.37	
				56	11.85	11.95	14.91	
			242T	61	14.02	13.85	16.95	
				62	14.03	14.02	17.04	
			SU	-	14.81	14.83	17.83	
	62	5310	26T	0				22.78
				9				
				17				
			52T	37	10.72	10.84	13.79	
				41	10.40	10.67	13.55	
				44	10.64	10.75	13.71	
			106T	53	10.98	11.04	14.02	
				54	11.49	11.42	14.47	
				56	10.81	11.02	13.93	
242T			61	11.21	11.25	14.24		
			62	11.08	11.28	14.19		
SU			-	13.95	14.01	16.99	23.98	
HE80	58	5290	26T	0				21.30
				18				
				36				
			52T	37	9.49	9.57	12.54	
				45	8.91	9.08	12.01	
				52	9.57	9.69	12.64	
			106T	53	9.65	9.77	12.72	
				57	10.01	10.11	13.07	
				60	9.84	9.92	12.89	
			242T	61	9.98	10.06	13.03	
				62	10.18	10.36	13.28	
				64	10.04	10.21	13.14	
			484T	65	9.75	9.94	12.86	
				66	9.87	10.15	13.02	
			SU	-	9.94	9.71	12.84	

\* 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	-6.632	-5.119	7.200	11.00
				38	-5.944	-4.597	7.792	
				40	-6.359	-4.943	7.417	
			SU	-	-6.898	-5.693	6.856	
	60	5300	52T	37	-5.958	-4.666	7.746	
				38	-5.656	-4.730	7.842	
				40	-5.833	-4.710	7.775	
			SU	-	-6.304	-5.084	7.459	
	64	5320	52T	37	-5.664	-4.747	7.829	
				38	-5.449	-4.510	8.056	
				40	-5.728	-4.499	7.940	
			SU	-	-6.500	-5.073	7.382	
HE40	54	5270	52T	37	-5.359	-4.314	8.205	
				41	-5.717	-4.773	7.791	
				44	-5.047	-4.036	8.498	
			SU	-	-10.476	-9.680	3.051	
	62	5310	52T	37	-5.431	-4.219	8.227	
				41	-5.007	-3.873	8.607	
				44	-4.679	-3.722	8.836	
			SU	-	-11.105	-9.979	2.605	
HE80	58	5290	52T	37	-6.786	-5.610	6.852	
				45	-7.085	-5.628	6.715	
				52	-5.929	-4.693	7.743	
			SU	-	-13.632	-13.299	-0.352	

\* 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	13.38	1.36	22.26	11.00
	Mid	5580				
	High	5700				
HE40	Low	5510	13.41			
	Mid	5590				
	High	5670				
HE80	Low	5530	11.93			
	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	0.09	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				22.26
				4				
				8				
			52T	37	9.81	10.93	13.42	
				38	9.93	10.98	13.50	
				40	9.71	10.74	13.27	
			106T	53	11.75	12.87	15.36	
				54	11.79	12.69	15.27	
			SU	-	15.25	16.57	18.97	
	116	5580	26T	0				22.26
				4				
				8				
			52T	37	10.06	10.97	13.55	
				38	10.08	10.98	13.56	
				40	9.91	10.73	13.35	
			106T	53	11.92	12.91	15.45	
				54	11.88	12.69	15.31	
			SU	-	15.42	16.57	19.04	
	140	5700	26T	0				22.26
				4				
				8				
52T			37	10.19	10.97	13.61		
			38	10.43	10.99	13.73		
			40	10.18	10.76	13.49		
106T			53	12.29	12.97	15.65		
			54	12.23	12.80	15.53		
SU			-	13.74	13.17	16.47	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				22.27			
				9							
				17							
			52T	37	10.85	10.81	13.84				
				41	10.99	10.95	13.98				
				44	10.20	9.98	13.10				
			106T	53	11.28	11.15	14.23				
				54	10.78	10.63	13.72				
				56	11.47	11.19	14.34				
			242T	61	11.46	11.30	14.39				
				62	10.72	10.63	13.69				
			SU	-	11.42	11.30	14.37		23.98		
			118	5590	26T	0					22.27
						9					
	17										
	52T	37			10.94	10.71	13.84				
		41			10.92	10.96	13.95				
		44			10.08	10.15	13.13				
	106T	53			11.32	10.98	14.16				
		54			11.83	11.41	14.64				
		56			11.36	11.10	14.24				
	242T	61			14.41	14.01	17.22				
		62			14.47	14.24	17.37				
	SU	-			14.33	14.16	17.26	23.98			
	134	5670			26T	0				22.27	
						9					
			17								
52T			37	10.39	10.01	13.21					
			41	10.25	9.95	13.11					
			44	10.42	9.95	13.20					
106T			53	11.68	11.08	14.40					
			54	11.10	10.56	13.85					
			56	11.64	11.06	14.37					
242T			61	14.62	14.04	17.35					
			62	14.69	14.18	17.45					
SU			-	14.58	14.05	17.33	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				21.77
				18				
				36				
			52T	37	9.98	9.91	12.96	
				45	9.48	9.46	12.48	
				52	9.04	8.84	11.95	
			106T	53	11.18	11.21	14.21	
				57	11.58	11.58	14.59	
				60	11.24	11.05	14.16	
			242T	61	11.42	11.11	14.28	
				62	11.49	11.38	14.45	
				64	10.58	10.52	13.56	
			484T	65	11.17	11.10	14.15	
				66	11.33	11.23	14.29	
			SU	-	13.33	13.65	16.50	
	122	5610	26T	0				21.77
				18				
				36				
			52T	37	9.14	8.87	12.02	
				45	9.57	9.28	12.44	
				52	9.13	8.72	11.94	
			106T	53	11.25	10.90	14.09	
				57	11.65	11.22	14.45	
				60	11.33	10.87	14.12	
			242T	61	13.42	13.07	16.26	
				62	13.57	13.23	16.41	
				64	13.51	13.21	16.37	
484T			65	13.26	13.01	16.15		
			66	13.38	13.15	16.28		
SU			-	13.37	13.55	16.47	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	-5.666	-4.734	7.835	11.00
				38	-5.719	-4.672	7.846	
				40	-5.761	-4.567	7.887	
			SU	-	-6.144	-5.221	7.452	
	116	5580	52T	37	-5.229	-4.376	8.229	
				38	-4.823	-4.242	8.488	
				40	-5.297	-4.618	8.066	
			SU	-	-6.206	-4.963	7.570	
	140	5700	52T	37	-5.395	-4.732	7.959	
				38	-4.951	-4.522	8.279	
				40	-5.410	-4.984	7.819	
			SU	-	-7.980	-8.170	5.036	
HE40	102	5510	52T	37	-4.823	-4.364	8.423	
				41	-5.053	-4.380	8.307	
				44	-5.766	-5.141	7.568	
			SU	-	-13.882	-13.210	-0.423	
	118	5590	52T	37	-4.573	-4.319	8.566	
				41	-4.818	-4.016	8.612	
				44	-5.109	-4.752	8.083	
			SU	-	-10.537	-10.038	2.830	
	134	5670	52T	37	-5.222	-4.834	7.987	
				41	-5.622	-4.924	7.751	
				44	-5.643	-5.016	7.692	
			SU	-	-10.432	-9.946	2.928	
HE80	106	5530	52T	37	-5.976	-5.442	7.310	
				45	-6.481	-5.668	6.955	
				52	-6.290	-5.846	6.948	
			SU	-	-14.754	-13.284	-0.847	
	122	5610	52T	37	-6.633	-5.959	6.727	
				45	-6.243	-5.369	7.226	
				52	-6.640	-6.125	6.635	
			SU	-	-14.331	-13.277	-0.662	

\* 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	12.624	1.36	22.01	11.00 [dBm/MHz]	
	UNII-3	3.908	1.36	30.00	30.00 [dBm/500kHz]	
5710(HE40)	UNII-2C	12.952	1.36	22.12	11.00 [dBm/MHz]	
	UNII-3	3.092	1.36	30.00	30.00 [dBm/500kHz]	
5690(HE80)	UNII-2C	12.662	1.36	22.03	11.00 [dBm/MHz]	
	UNII-3	3.826	1.36	30.00	30.00 [dBm/500kHz]	
<b>Included in Calculations of Corr'd Power &amp; PPSD</b>						
<b>Duty Cycle CF [dB]</b>			<b>HE20</b>	52T	-	dB
				SU	0.10	dB
			<b>HE40</b>	52T	-	dB
				SU	0.10	dB
			<b>HE80</b>	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	8.148	8.827	11.511	22.01
		SU	-	13.806	14.702	17.387	
	UNII-3	52T	39	-1.772	-0.952	1.668	30.00
		SU	-	8.399	9.375	12.025	
5710	UNII-2C	52T	43	9.212	9.581	12.411	22.12
		SU	-	13.525	14.236	17.005	
	UNII-3	52T	43	-6.651	-6.281	-3.452	30.00
		SU	-	3.542	3.931	6.851	
5690	UNII-2C	52T	51	8.738	9.356	12.068	22.03
		SU	-	12.403	13.601	16.153	
	UNII-3	52T	51	-6.545	-5.914	-3.208	30.00
		SU	-	-1.165	-0.650	2.210	

\* 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	4.172	4.738	7.475	11.00
		SU	-	4.330	5.095	7.840	
	*UNII-3	52T	39	0.429	0.379	3.414	30.00
		SU	-	1.159	1.698	4.547	
5710	UNII-2C	52T	43	4.087	4.288	7.199	11.00
		SU	-	-0.300	0.243	3.090	
	*UNII-3	52T	43	-8.805	-8.430	-5.603	30.00
		SU	-	-5.232	-3.910	-1.411	
5690	UNII-2C	52T	51	4.368	4.195	7.293	11.00
		SU	-	-3.743	-2.775	-0.122	
	*UNII-3	52T	51	-9.900	-9.319	-6.589	30.00
		SU	-	-9.305	-8.738	-5.902	

Note: \* For UNII-3, the unit of PPSD is [dBm/500kHz].

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

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

**Bandwidth and Antenna Gain, Limits**

Mode	Channel	Frequency [MHz]	Directional Gain [dBi]	Power Limit [dBm]	PPSD Limit [dBm/500kHz]
HE20	Low	5745	-2.30	30.00	30.00
	Mid	5785			
	High	5825			
HE40	Low	5755			
	High	5795			
HE80	Mid	5775			

Included in Calculations of Corr'd [Power & PSD]				
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	0.09	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	6.99	8.81	11.00	30.00
				4	7.08	8.85	11.06	
				8	6.75	8.43	10.68	
			52T	37	8.78	10.68	12.84	
				38	8.91	10.73	12.92	
				40	8.69	10.35	12.61	
			106T	53	10.77	12.49	14.72	
				54	10.63	12.21	14.50	
			SU	-	15.37	16.89	19.21	
	157	5785	26T	0	7.02	8.62	10.90	
				4	7.29	8.85	11.15	
				8	6.88	8.36	10.69	
			52T	37	8.73	10.40	12.66	
				38	9.06	10.61	12.91	
				40	8.85	10.27	12.63	
			106T	53	10.80	12.32	14.64	
				54	10.83	12.16	14.56	
			SU	-	15.54	16.79	19.22	
	165	5825	26T	0	6.82	8.36	10.67	
				4	7.12	8.77	11.03	
				8	6.78	8.32	10.63	
			52T	37	8.62	10.30	12.55	
				38	8.94	10.48	12.79	
				40	8.74	10.20	12.54	
106T			53	10.72	12.15	14.50		
			54	10.65	12.03	14.40		
SU			-	15.37	16.70	19.10		

\* 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	7.88	8.55	11.24	30.00
				9	7.96	8.64	11.32	
				17	7.98	8.48	11.25	
			52T	37	9.98	10.51	13.26	
				41	10.02	10.50	13.28	
				44	10.11	10.47	13.30	
			106T	53	11.24	11.62	14.44	
				54	10.80	11.17	14.00	
				56	11.33	11.59	14.47	
	242T	61	14.38	14.51	17.46			
		62	14.41	14.49	17.46			
	SU	-	14.19	14.46	17.34			
	159	5795	26T	0	7.66	8.29	11.00	
				9	8.16	8.83	11.52	
				17	7.71	8.06	10.90	
			52T	37	9.67	10.26	12.99	
				41	10.03	10.67	13.37	
				44	9.82	10.08	12.96	
106T			53	10.95	11.40	14.19		
			54	10.75	11.28	14.03		
			56	11.01	11.30	14.17		
242T	61	14.23	14.45	17.35				
	62	14.26	14.47	17.38				
SU	-	14.07	14.39	17.24				
HE80	155	5775	26T	0	7.68	8.41	11.07	
				18	8.38	8.95	11.68	
				36	8.06	8.38	11.23	
			52T	37	8.87	9.51	12.21	
				45	9.31	9.87	12.61	
				52	9.13	9.42	12.29	
			106T	53	10.94	11.42	14.20	
				57	11.33	11.64	14.50	
				60	11.14	11.33	14.25	
			242T	61	13.27	13.43	16.36	
				62	13.49	13.67	16.59	
				64	13.36	13.47	16.43	
484T	65	12.99	13.35	16.18				
	66	13.26	13.55	16.42				
SU	-	13.17	13.81	16.51				

\* 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

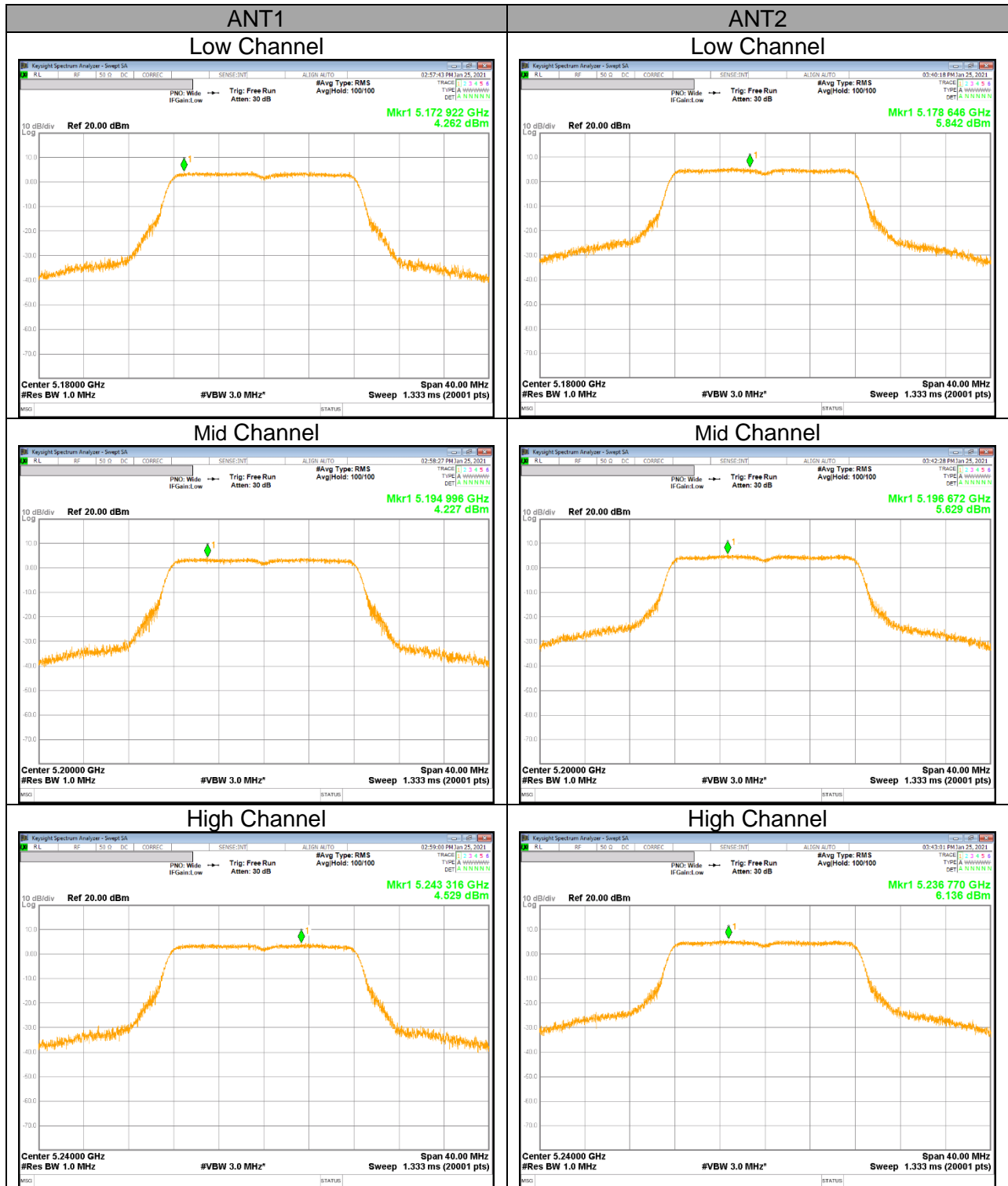
Mode	Channel	Frequency [MHz]	Tones	RU offset	Meas PPSD [dBm/100kHz]		Corr'd PPSD [dBm/500kHz]	PPSD Limit [dBm/500kHz]
					ANT1	ANT2		
HE20	149	5745	26T	0	-6.036	-3.981	5.112	30.00
				4	-5.694	-4.225	5.103	
				8	-5.936	-4.219	5.007	
			SU	-	-6.863	-5.396	4.032	
	157	5785	26T	0	-5.924	-4.259	4.988	
				4	-5.341	-4.202	5.266	
				8	-5.751	-4.115	5.144	
			SU	-	-6.452	-5.157	4.344	
	165	5825	26T	0	-5.803	-4.358	4.980	
				4	-5.434	-4.102	5.283	
				8	-5.602	-4.261	5.120	
			SU	-	-6.500	-5.209	4.294	
HE40	151	5755	26T	0	-5.278	-3.457	5.728	
				9	-5.403	-4.099	5.298	
				17	-4.773	-4.112	5.570	
			SU	-	-11.196	-10.165	-0.550	
	159	5795	26T	0	-5.495	-4.036	5.296	
				9	-4.952	-3.867	5.625	
SU	-	-11.136	-9.948	-0.401				
HE80	155	5775	26T	0	-5.119	-3.908	5.529	
				18	-4.708	-3.648	5.855	
				36	-4.751	-3.300	6.035	
			SU	-	-14.802	-13.011	-3.715	

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

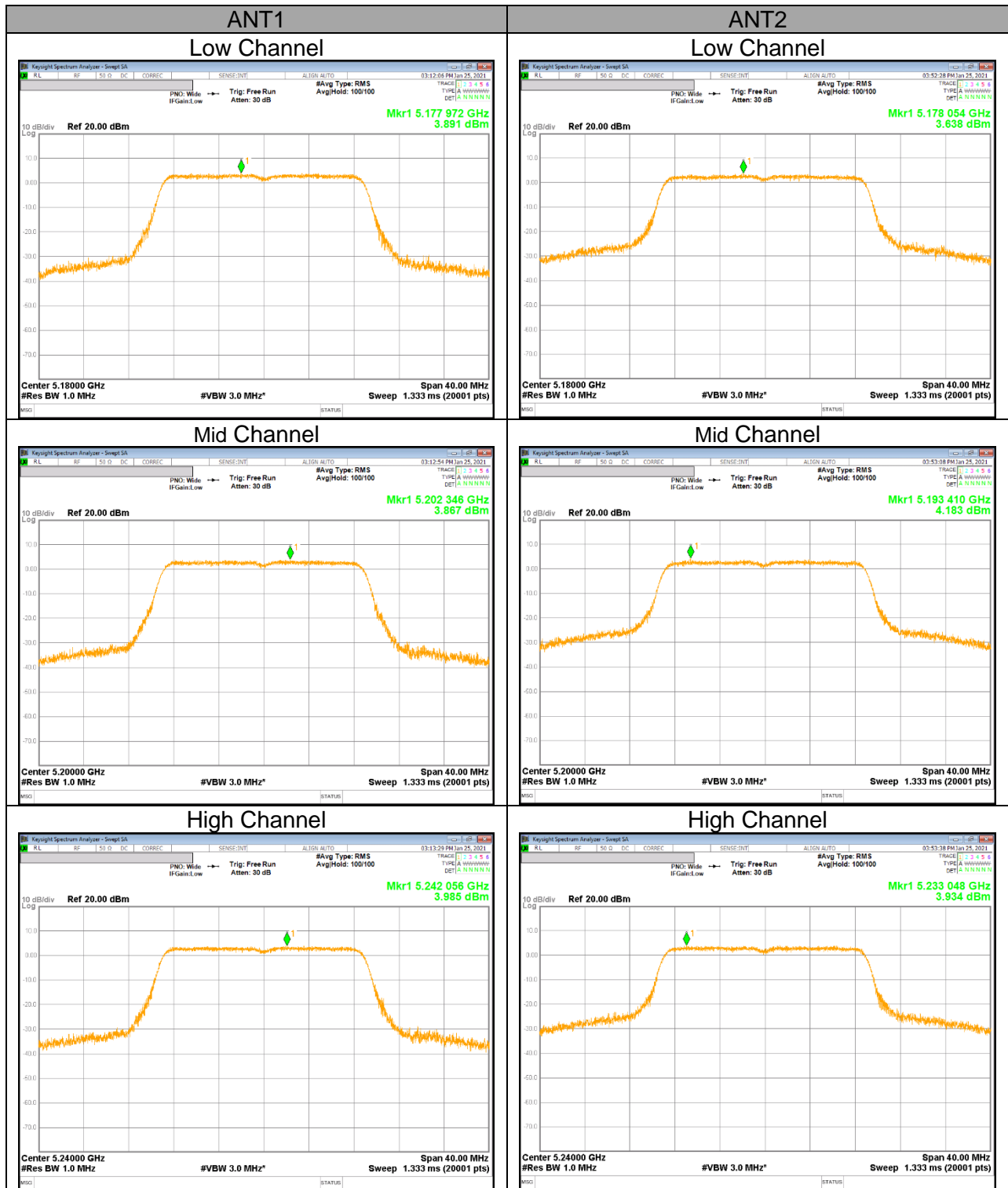


## 10.2.12. OUTPUT POWER AND PSD PLOTS

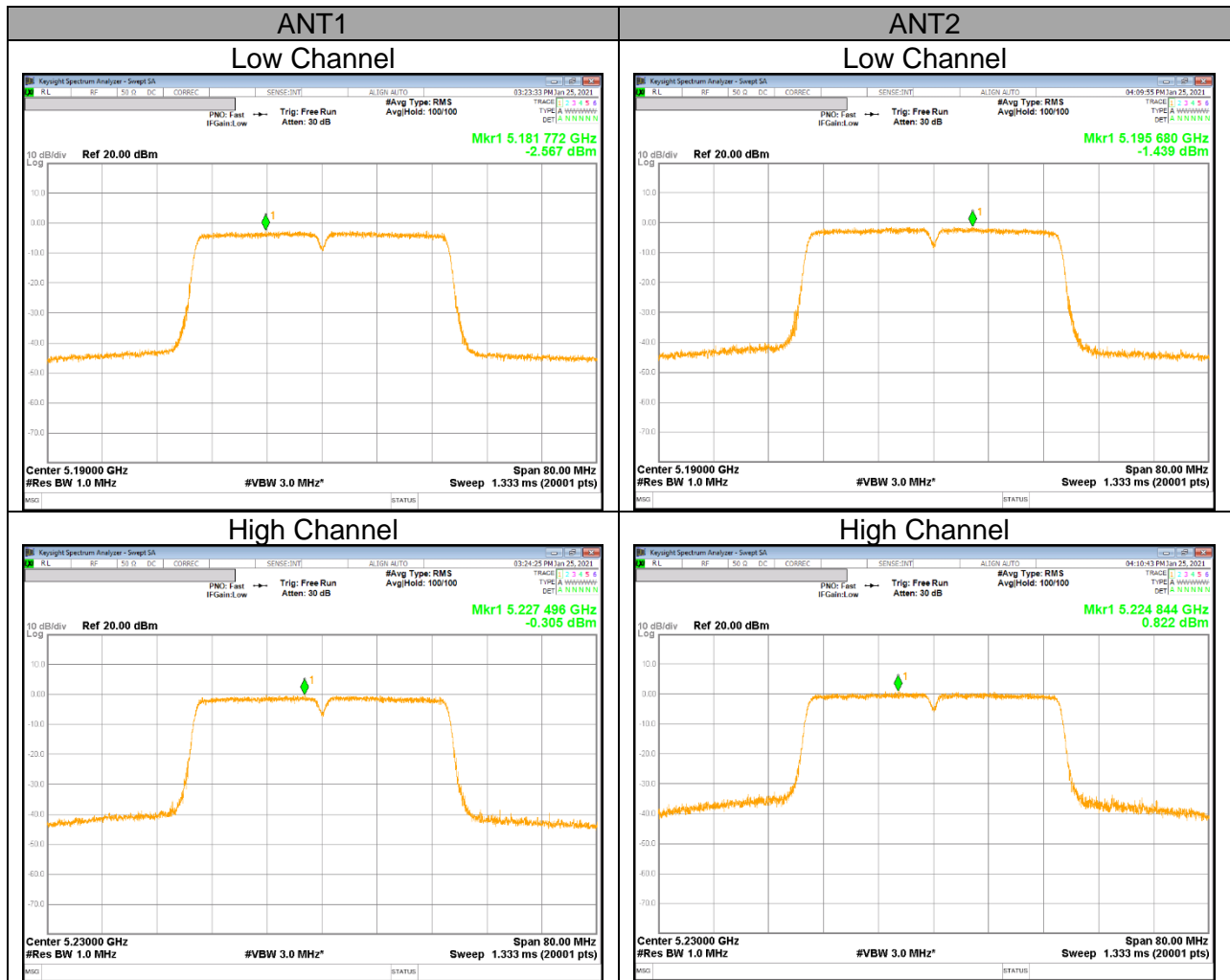
### UNII 5.2 GHz IEEE 802.11a mode PSD



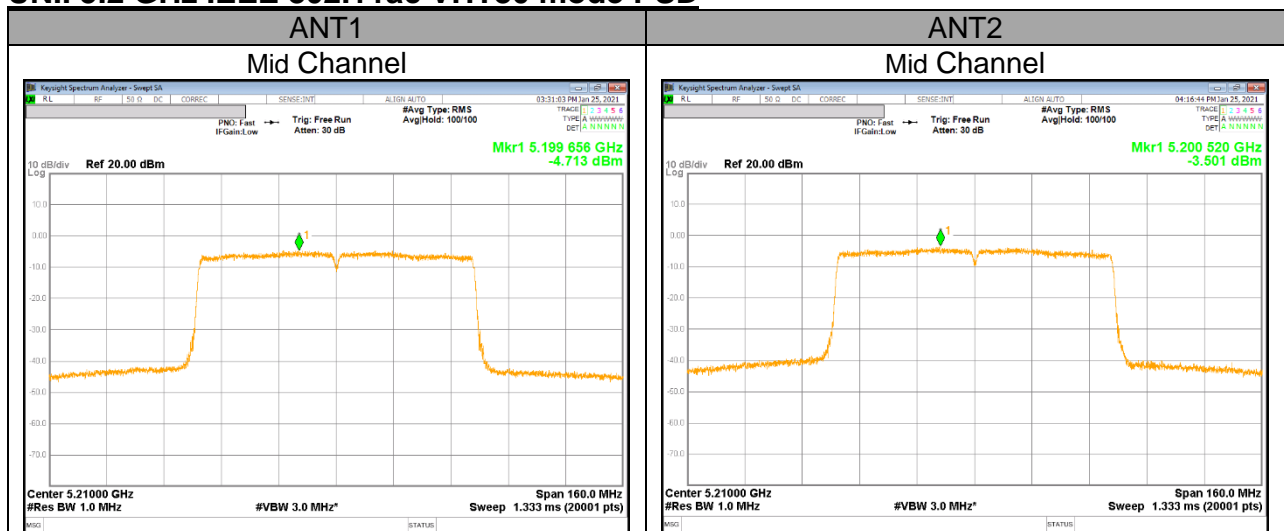
**UNII 5.2 GHz IEEE 802.11n HT20 mode PSD**



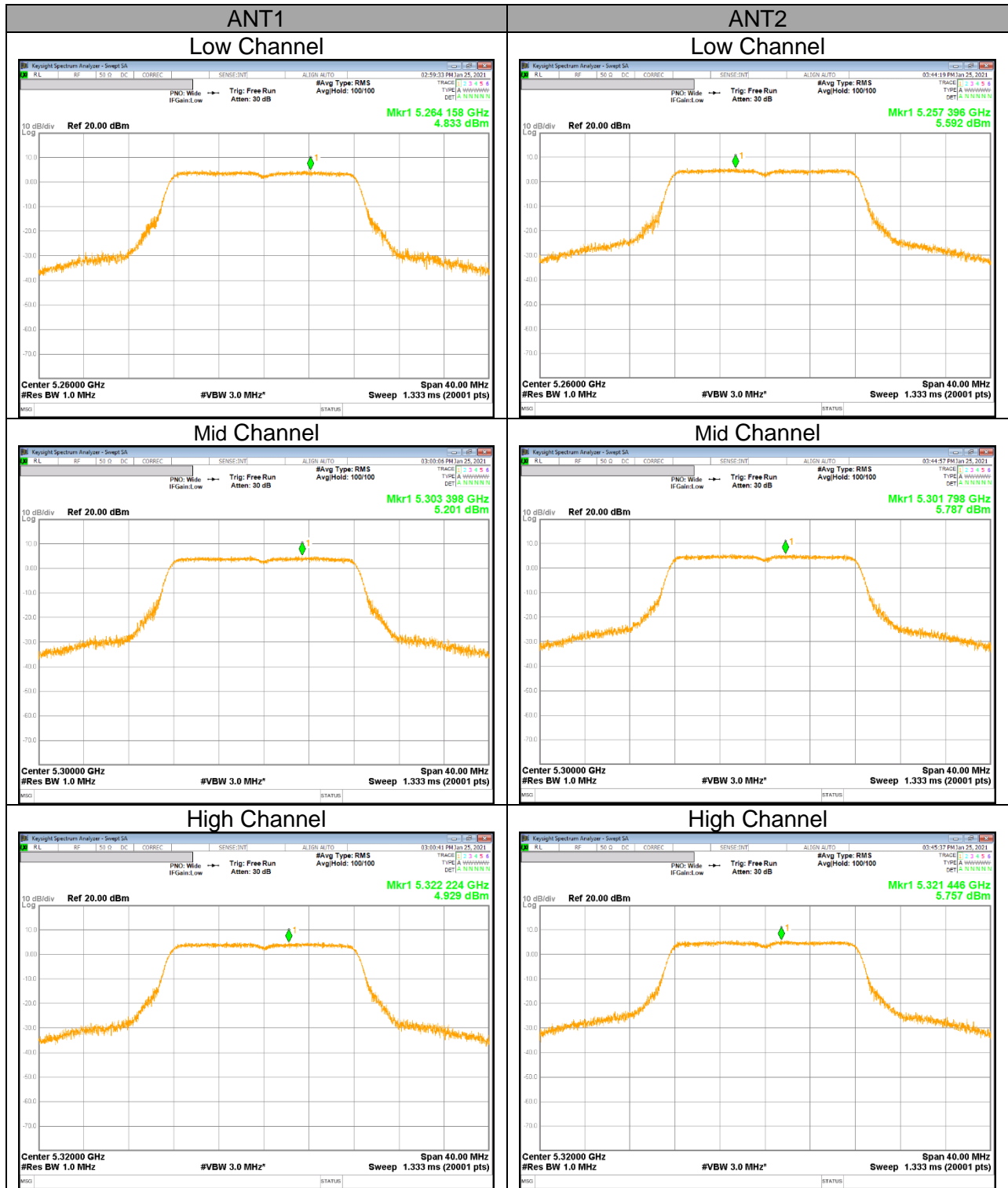
### UNII 5.2 GHz IEEE 802.11n HT40 mode PSD



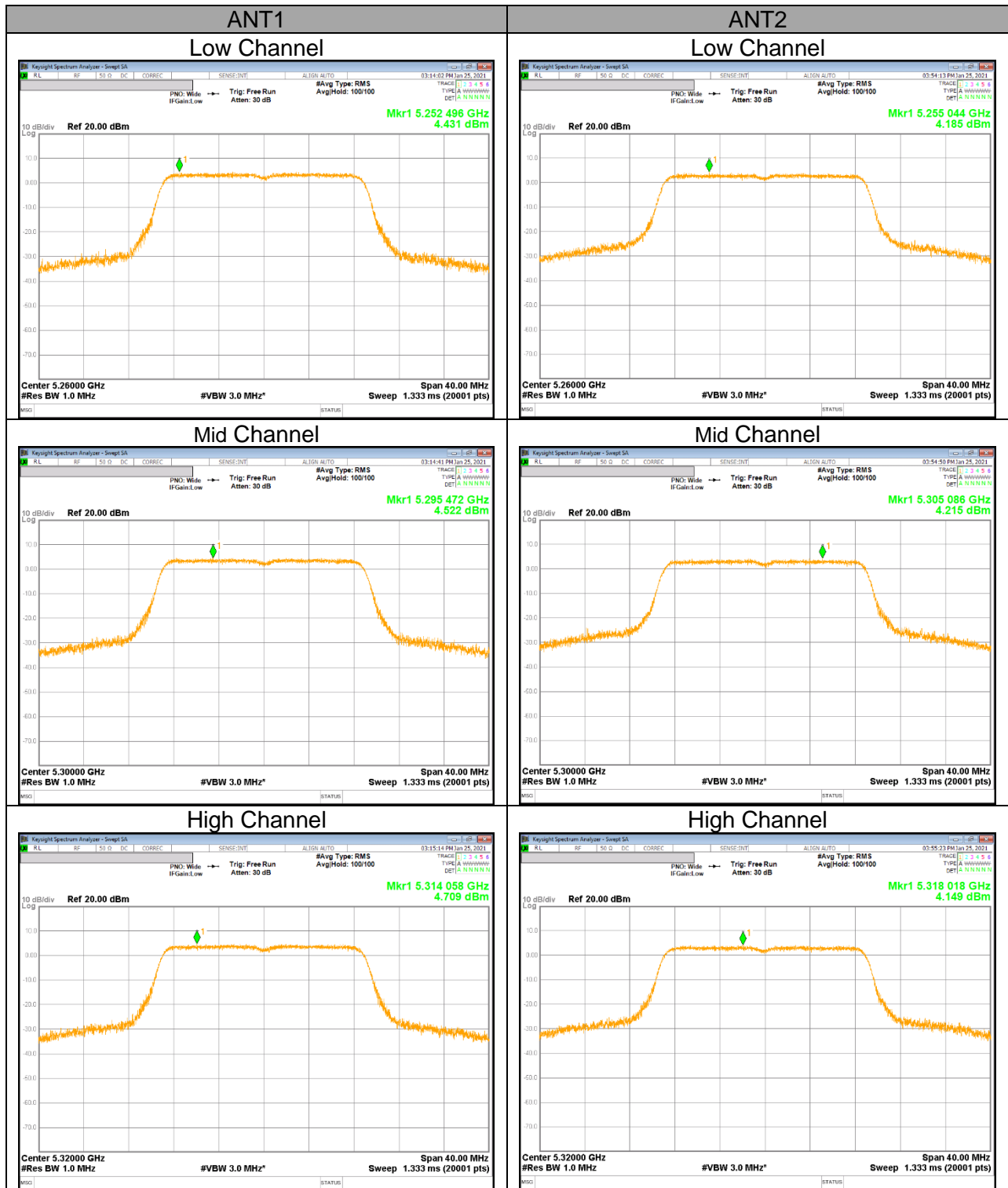
### UNII 5.2 GHz IEEE 802.11ac VHT80 mode PSD



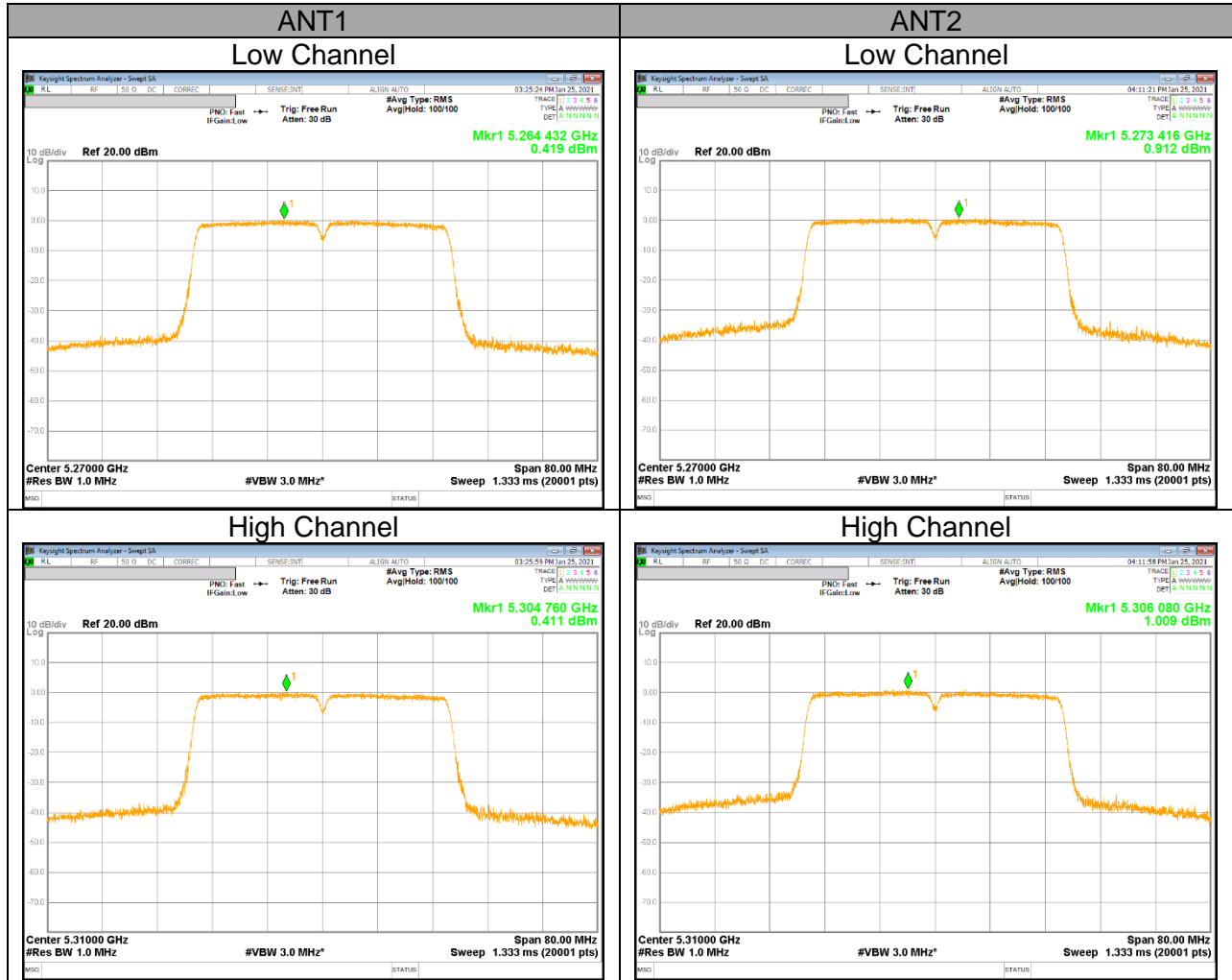
### UNII 5.3 GHz IEEE 802.11a mode PSD



### UNII 5.3 GHz IEEE 802.11n HT20 mode PSD



### UNII 5.3 GHz IEEE 802.11n HT40 mode PSD



### UNII 5.3 GHz IEEE 802.11ac VHT80 mode PSD

