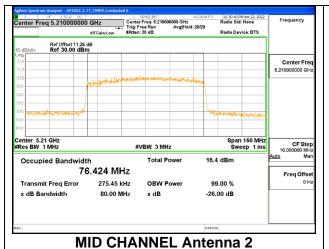
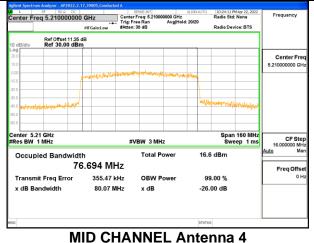
### 9.3.3. 802.11ax HE80 MODE 2TX IN THE 5.2GHz BAND

### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Cha	nnel	Frequency	99% Bandwidth	99% Bandwidth
			Antenna 2	Antenna 4
		(MHz)	(MHz)	(MHz)
N	lid	5210	76.424	76.694

## **MID CHANNEL**

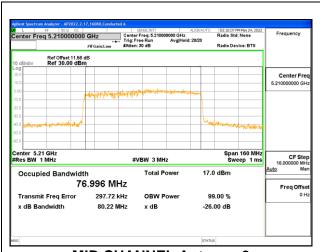


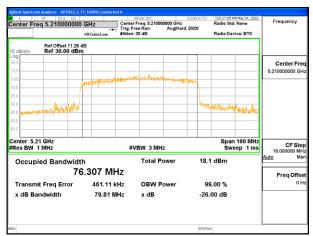


### 2TX Antenna 2 + Antenna 4 CDD MODE: SU (Single User)

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 2	Antenna 4
	(MHz)	(MHz)	(MHz)
Mid	5210	76.996	76.307

## **MID CHANNEL**





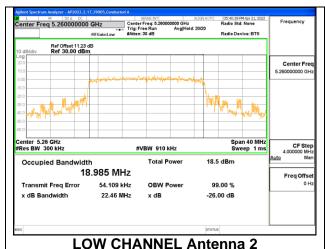
**MID CHANNEL Antenna 4** 

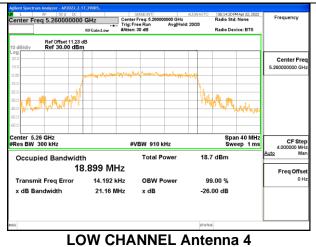
### 9.3.4. 802.11ax HE20 MODE 2TX IN THE 5.3GHz BAND

# 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

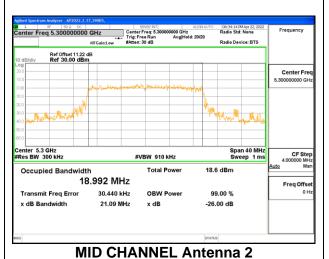
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 2	Antenna 4
	(MHz)	(MHz)	(MHz)
Low	5260	18.985	18.899
Mid	5300	18.992	18.942
High	5320	18.963	18.912

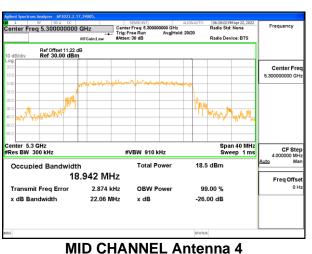
## **LOW CHANNEL**

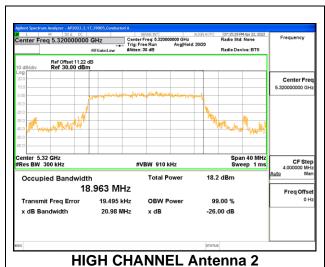


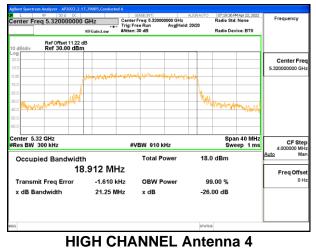


## **MID CHANNEL**









### 9.3.5. 802.11ax HE40 MODE 2TX IN THE 5.3GHz BAND

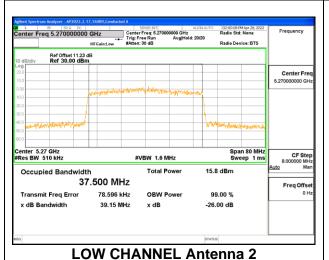
# 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 17

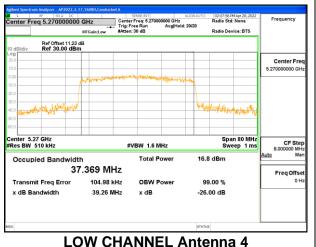
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 2	Antenna 4
	(MHz)	(MHz)	(MHz)
High	5310	17.907	17.667

### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 2	Antenna 4
	(MHz)	(MHz)	(MHz)
Low	5270	37.500	37.369
High	5310	37.488	37.581

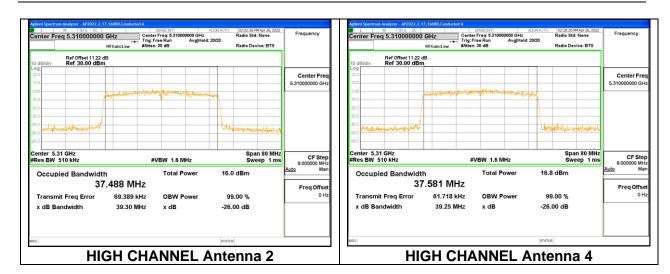
### **LOW CHANNEL**





_

REPORT NO: 14093500-E6V2 FCC ID: SBVRM041



DATE: 2022-10-24

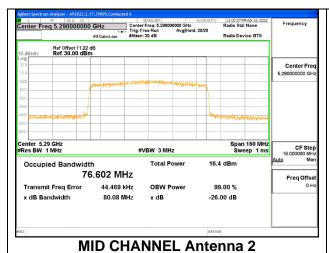
IC: 5373A-RM041

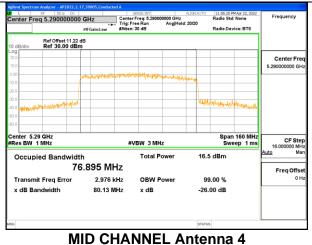
# 9.3.6. 802.11ax HE80 MODE 2TX IN THE 5.3GHz BAND

# 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Cł	hannel	Frequency	99% Bandwidth	99% Bandwidth
			Antenna 2	Antenna 4
		(MHz)	(MHz)	(MHz)
	Mid	5290	76.602	76.895

## **MID CHANNEL**



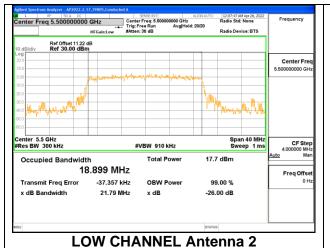


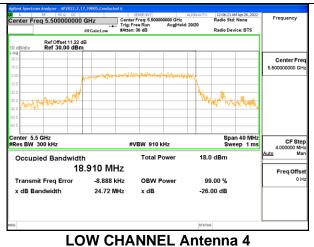
### 9.3.7. 802.11ax HE20 MODE 2TX IN THE 5.6GHz BAND

### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

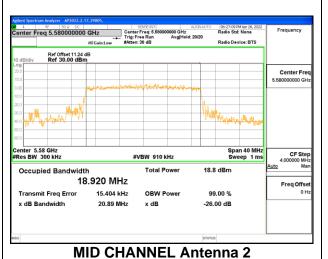
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 2	Antenna 4
	(MHz)	(MHz)	(MHz)
Low	5500	18.899	18.910
Mid	5580	18.920	18.933
High	5700	18.907	18.941

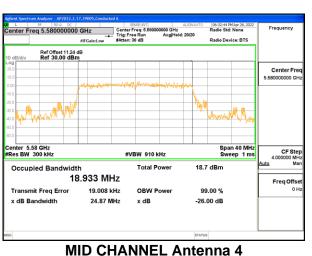
# **LOW CHANNEL**

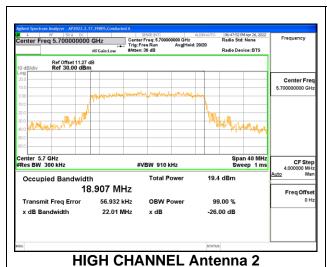


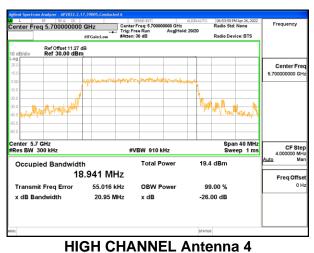


## **MID CHANNEL**







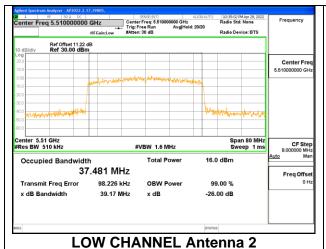


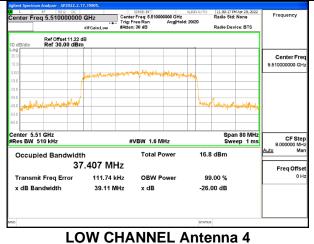
# 9.3.8. 802.11ax HE40 MODE 2TX IN THE 5.6GHz BAND

# 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

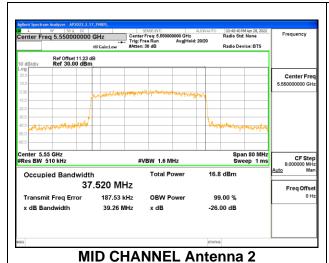
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 2	Antenna 4
	(MHz)	(MHz)	(MHz)
Low	5510	37.481	37.407
Mid	5550	37.520	37.562
High	5670	37.398	37.877

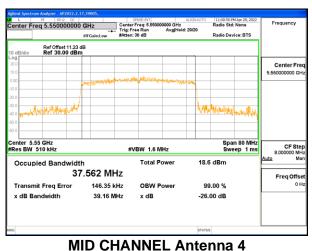
## **LOW CHANNEL**

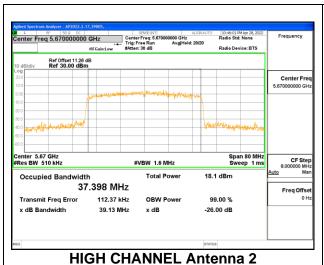


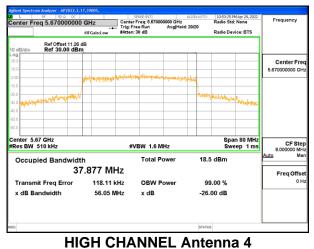


## **MID CHANNEL**







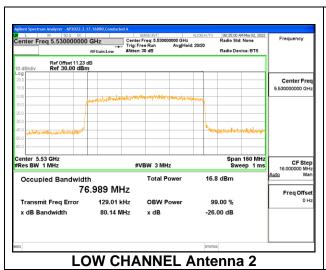


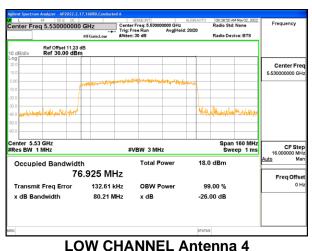
### 9.3.9. 802.11ax HE80 MODE 2TX IN THE 5.6GHz BAND

### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

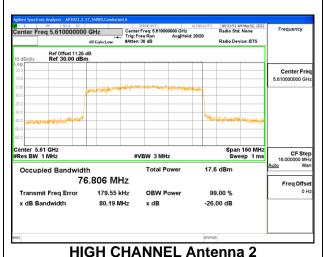
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 2	Antenna 4
	(MHz)	(MHz)	(MHz)
Low	5530	76.989	76.925
High	5610	76.806	76.978

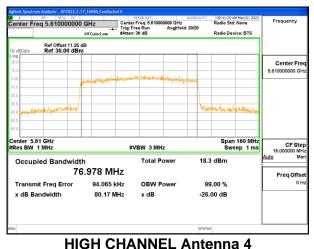
### **LOW CHANNEL**





## **HIGH CHANNEL**





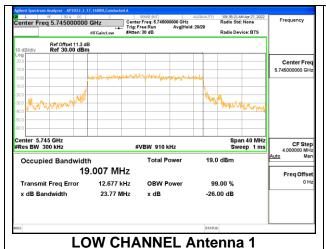
Page 59 of 369

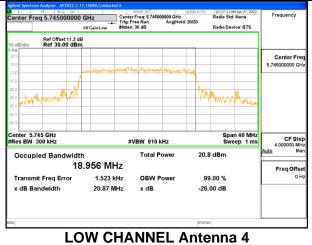
### 9.3.10. **802.11ax HE20 MODE 2TX IN THE 5.8GHz BAND**

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

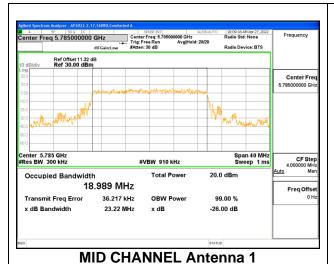
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 1	Antenna 4
	(MHz)	(MHz)	(MHz)
Low	5745	19.007	18.956
Mid	5785	18.989	18.927
High	5825	18.900	18.905

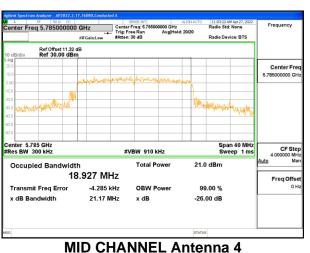
## **LOW CHANNEL**

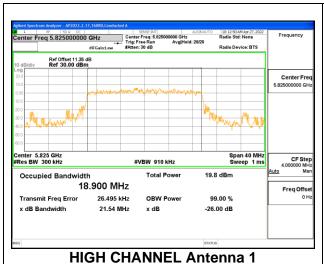


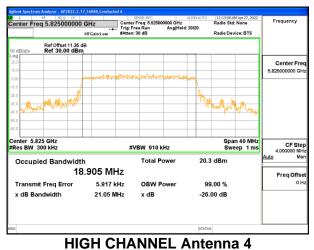


## **MID CHANNEL**







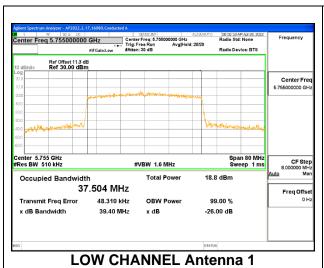


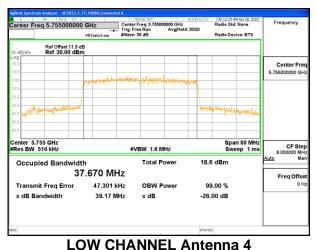
### 9.3.11. **802.11ax HE40 MODE 2TX IN THE 5.8GHz BAND**

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

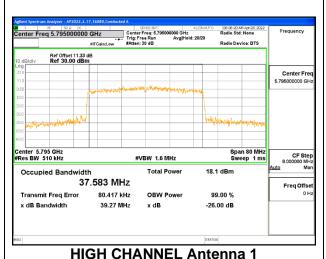
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 1	Antenna 4
	(MHz)	(MHz)	(MHz)
Low	5755	37.504	37.670
High	5795	37.583	37.373

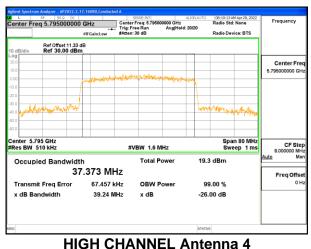
### **LOW CHANNEL**





# **HIGH CHANNEL**





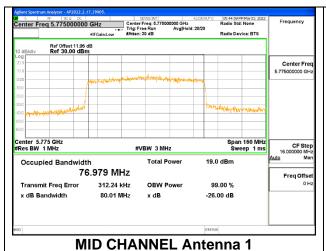
Page 62 of 369

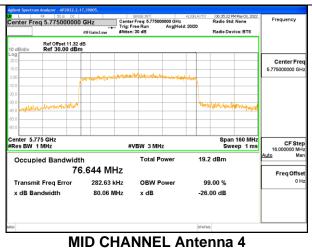
### 9.3.12. **802.11ax HE80 MODE 2TX IN THE 5.8GHz BAND**

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Antenna 1	Antenna 4
	(MHz)	(MHz)	(MHz)
Mid	5775	76.979	76.644

### **MID CHANNEL**





# 9.4. 6 dB BANDWIDTH

# **LIMITS**

FCC §15.407 (e)

RSS-247 6.2.4.1

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

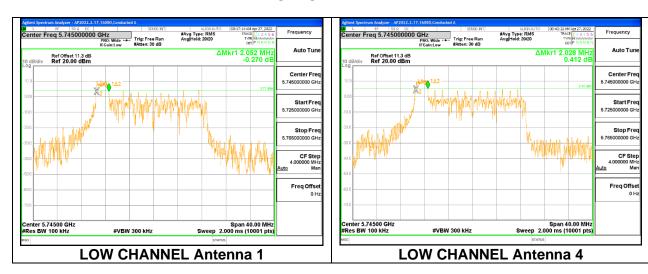
## **RESULTS**

### 9.4.1. 802.11ax HE20 MODE 2TX IN THE 5.8GHz BAND

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5745	2.052	2.028	0.5

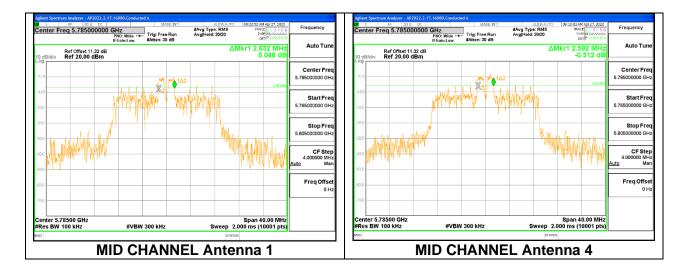
### **LOW CHANNEL**



# 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 4

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Mid	5785	2.632	2.592	0.5

### **MID CHANNEL**

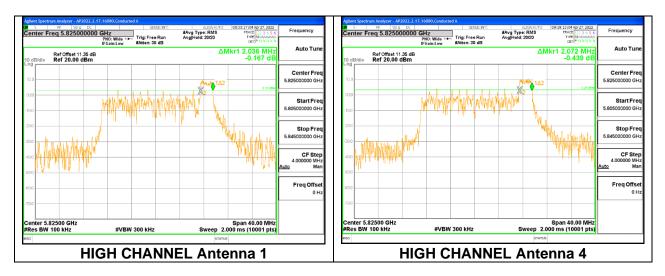


Page 65 of 369

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
High	5825	2.036	2.072	0.5

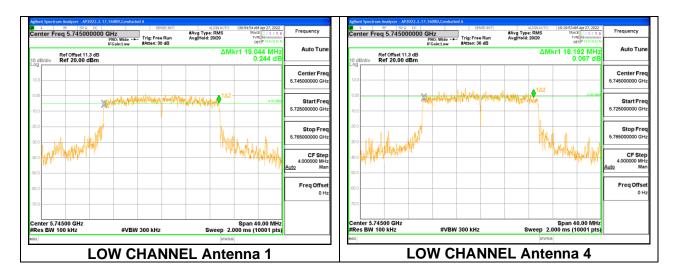
### **HIGH CHANNEL**



### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

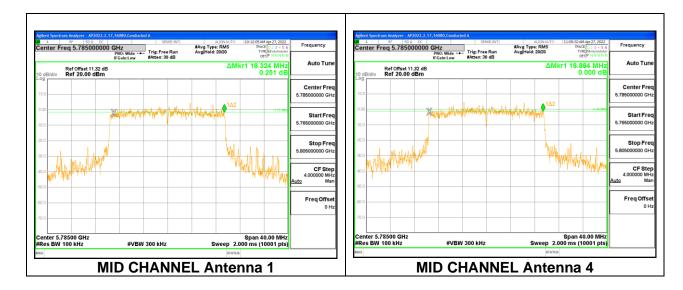
Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5745	19.044	18.192	0.5
Mid	5785	18.324	18.884	0.5
High	5825	18.300	18.180	0.5

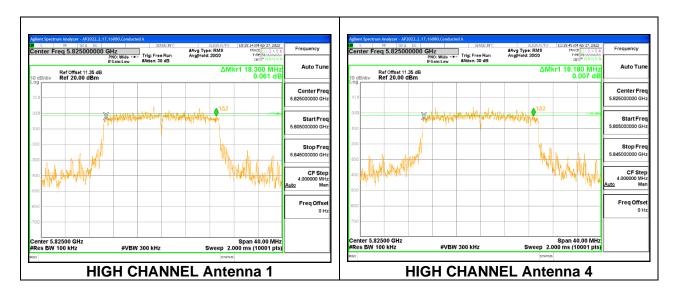
## **LOW CHANNEL**



Page 66 of 369

# **MID CHANNEL**



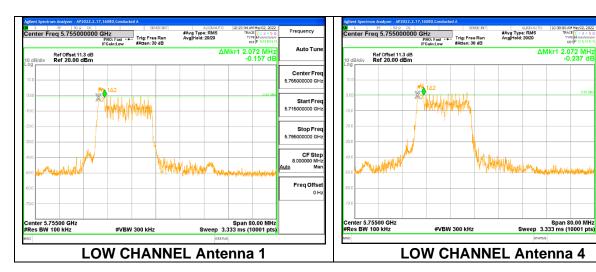


### 9.4.2. 802.11ax HE40 MODE 2TX IN THE 5.8GHz BAND

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5755	2.072	2.072	0.5

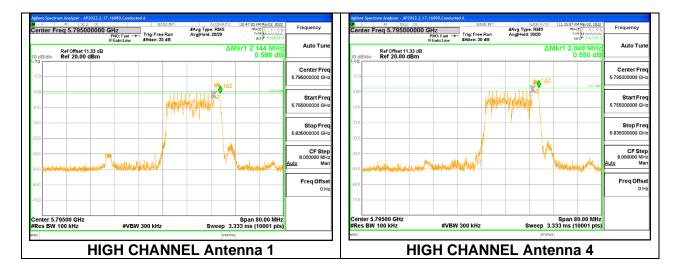
### **LOW CHANNEL**



# 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 17

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
High	5795	2.144	2.048	0.5

### **HIGH CHANNEL**



Page 68 of 369

Auto Tui

Center Fre

Stop Fre

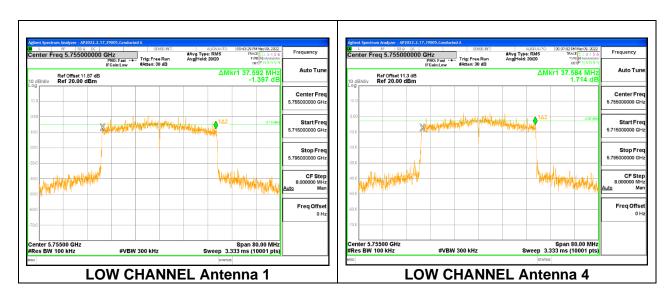
CF Step 3.000000 MH Mar

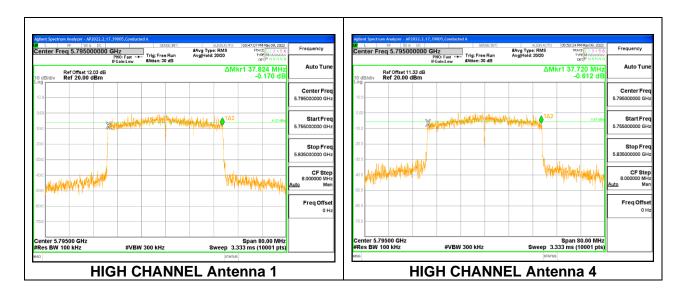
Freq Offset

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5755	37.592	37.584	0.5
High	5795	37.824	37.720	0.5

# **LOW CHANNEL**



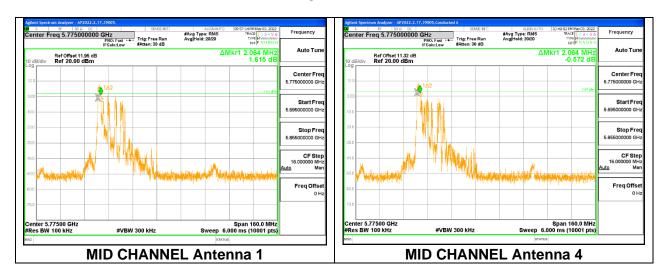


### 9.4.3. 802.11ax HE80 MODE 2TX IN THE 5.8GHz BAND

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Mid	5775	2.064	2.064	0.5

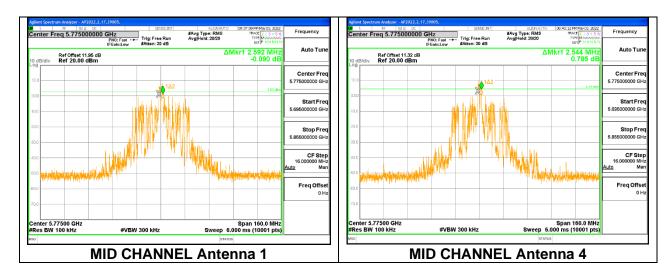
### MID CHANNEL



# 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 18

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Mid	5775	2.592	2.544	0.5

### **MID CHANNEL**

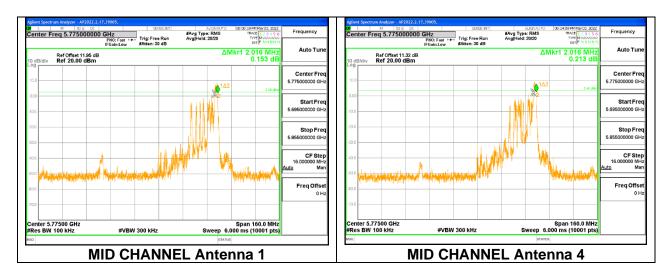


Page 70 of 369

### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 36

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Mid	5775	2.016	2.016	0.5

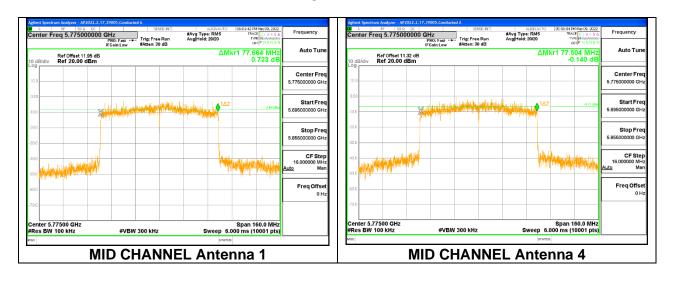
## **MID CHANNEL**



### 2TX Antenna 1 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency	6 dB BW	6 dB BW	Minimum
		Antenna 1	Antenna 4	Limit
	(MHz)	(MHz)	(MHz)	(MHz)
Mid	5775	77.664	77.504	0.5

## **MID CHANNEL**



## 9.5. OUTPUT POWER AND PSD

### LIMITS

### FCC §15.407

#### Band 5.15-5.25 GHz

(iv) For mobile and portable 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.

### Bands 5.25-5.35 GHz and 5.47-5.725 GHz

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.

### 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. 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

DATE: 2022-10-24

IC: 5373A-RM041

#### **RSS-247**

### Band 5.15-5.25 GHz

The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

### Band 5.25-5.35 GHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB beLOW CHANNEL the maximum permitted e.i.r.p. of 1 W.

### Bands 5.47-5.6 GHz and 5.65-5.725 GHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB beLOW CHANNEL the maximum permitted e.i.r.p. of 1 W.

#### Band 5.725-5.85 GHz

The maximum conducted output power shall not exceed 1 W. The power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

# **TEST PROCEDURE**

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G) was used.

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

The power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband average power sensor. Gated average output power was read directly from power meter.

# **DIRECTIONAL ANTENNA GAIN**

Tx chains are uncorrelated for power and correlated for PSD due to the device supporting CDD in all MIMO modes. The directional gains are as follows:

## **Antenna 1 and Antenna 3:**

Band (GHz)	Chain 0 Antenna 1 Gain (dBi)	Chain 1 Antenna 3 Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2	4.1	4.8	4.46	7.47
5.3	3.5	4.7	4.14	7.13
5.6	4.4	5.1	4.76	7.77
5.8	4.8	4.4	4.60	7.61

## Antenna 1 and Antenna 4 (wort-case correlation directional gain in bold):

	Chain 0	Chain 1	Uncorrelated Chains	Correlated Chains
	Antenna 1	Antenna 4	Directional	Directional
Band	Gain	Gain	Gain	Gain
(GHz)	(dBi)	(dBi)	(dBi)	(dBi)
5.2	4.1	4.9	4.52	7.52
5.3	3.5	5.6	4.68	7.62
5.6	4.4	6.2	5.39	8.36
5.8	4.8	5.7	5.27	8.27

### **Antenna 2 and Antenna 3:**

Band (GHz)	Chain 0 Antenna 2 Gain (dBi)	Chain 1 Antenna 3 Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2	4.3	4.8	4.56	7.56
5.3	4.9	4.7	4.80	7.81
5.6	4.7	5.1	4.90	7.91
5.8	4.6	4.4	4.50	7.51

### Antenna 2 and Antenna 4 (wort-case correlation directional gain in bold):

	Chain 0	Chain 1	Uncorrelated Chains	Correlated Chains
	Antenna 2	Antenna 4	Directional	Directional
Band	Gain	Gain	Gain	Gain
(GHz)	(dBi)	(dBi)	(dBi)	(dBi)
5.2	4.3	4.9	4.61	7.62
5.3	4.9	5.6	5.26	8.27
5.6	4.7	6.2	5.51	8.49
5.8	4.6	5.7	5.18	8.18

## <u>Directional Gain value was determined using the following formula:</u>

Uncorrelated Directional Gain dBi =  $10 \log [(10^{(Ant 1/10)} + 10^{(Ant 2/10)/2}]$ 

Correlated Directional Gain dBi =  $10 \log [(10^{\circ} (Ant 1/20) + 10^{\circ} (Ant 2/20)^{\circ})/2]$ 

Uncorrelated Directional Gain sample calculation:

4.61dBi =  $10 \log [(10^{4.310}) + 10^{4.9/10})/2]$ 

Correlated Directional Gain sample calculation:

 $7.62 \text{ dBi} = 10 \log \left[ (10^{4.3/20) + 10^{4.9/20}^{2.0}} \right]$ 

### **RESULTS**

# 9.5.1. 802.11ax HE20 MODE 2TX IN THE 5.2GHz BAND (FCC)

### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 0

Test Engineer:	RA39005 and ZS160880
Test Date:	4/25/2022 to 4/29/2022

#### **Antenna Gain and Limits**

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/1MHz)
Low	5180	4.61	7.62	24.00	9.38

Duty Cycle CF (dB)	2.02	Included in Calculations of Corr'd PSD
--------------------	------	----------------------------------------

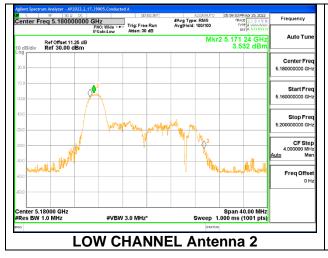
#### **Output Power Results**

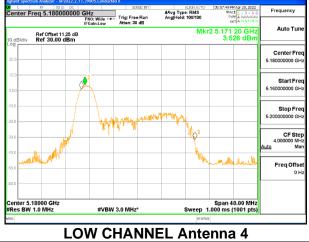
	,,						
Channe	el Frequency	Antenna 2	Antenna 4	Total	Power	Power	
		Meas	Meas	Corr'd	Limit	Margin	
		Power	Power	Power			
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)	
Low	5180	8.67	8.53	11.61	24.00	-12.39	

#### **PSD Results**

Ī	Channel	Frequency	Antenna 2	Antenna 4	Total	PSD	PSD
			Meas	Meas	Corr'd	Limit	Margin
			PSD	PSD	PSD		
		(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dB)
ĺ	Low	5180	3.532	3.526	8.56	9.38	-0.82

## **LOW CHANNEL**





Page 76 of 369

### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 4

Test Engineer:	RA39005 and ZS160880	
Test Date:	4/25/2022 to 4/29/2022	

#### **Antenna Gain and Limits**

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/1MHz)
Mid	5200	4.61	7.62	24.00	9.38

Duty Cycle CF (dB)	2.02	Included in Calculations of Corr'd PSD
--------------------	------	----------------------------------------

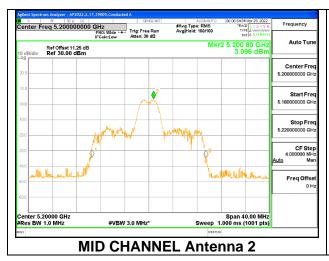
### **Output Power Results**

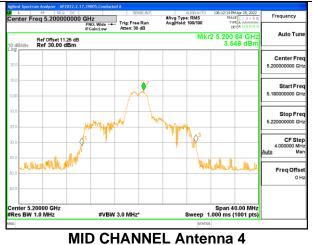
Channel	Frequency	Antenna 2	Antenna 4	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Mid	5200	8.87	9.18	12.04	24.00	-11.96

### **PSD Results**

Channel	Frequency	Antenna 2 Antenna 4		Total	PSD	PSD
		Meas Meas		Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dB)
Mid	5200	3.096	3.548	8.36	9.38	-1.02

# **MID CHANNEL**





### 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 26-Tones, RU Index 8

Test Engineer:	RA39005 and ZS160880		
Test Date:	4/25/2022 to 4/29/2022		

### **Antenna Gain and Limits**

Channel	Frequency	Directional	Directional	Power	PSD
		Gain	Gain	Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/1MHz)
High	5240	4.61	7.62	24.00	9.38

Duty Cycle CF (dB)	2.02	Included in Calculations of Corr'd PSD
--------------------	------	----------------------------------------

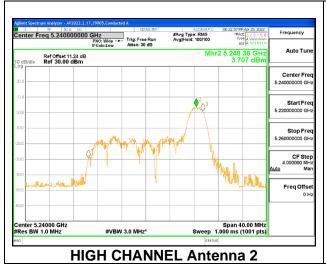
### **Output Power Results**

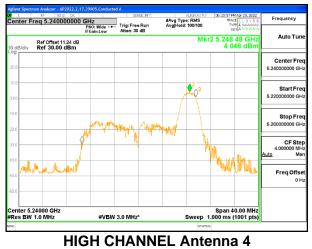
Channel	Frequency	Antenna 2	Antenna 4	Total	Power	Power
		Meas	Meas	Corr'd	Limit	Margin
		Power	Power	Power		
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
High	5240	9.03	9.31	12.18	24.00	-11.82

### **PSD Results**

Channel	Frequency	Antenna 2	Antenna 4	Total	PSD	PSD
		Meas Meas		Corr'd	Limit	Margin
		PSD	PSD	PSD		
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dB)
High	5240	3.707	4.046	8.91	9.38	-0.47

# **HIGH CHANNEL**





Page 78 of 369

# 2TX Antenna 2 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	RA39005 and ZS160880
Test Date:	4/20/2022 to 4/29/2022

### **Antenna Gain and Limits**

Channel	Frequency	Directional	Directional	Power	PSD
		Gain Gain		Limit	Limit
		for Power	for PSD		
	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/1MHz)
Low	5180	4.61	7.62	24.00	9.38
Mid	5200	4.61	7.62	24.00	9.38
High	5240	4.61	7.62	24.00	9.38

Duty Cycle CF (dB)	2.91	Included in Calculations of Corr'd PSD
--------------------	------	----------------------------------------

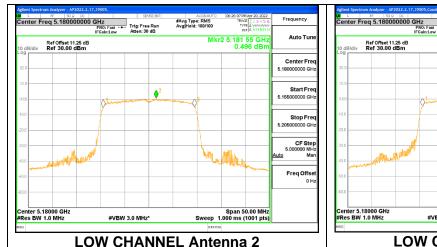
# **Output Power Results**

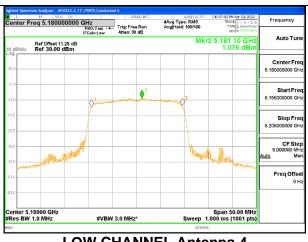
Channel	Frequency	Antenna 2 Meas Power	Antenna 4 Meas Power	Total Corr'd Power	Power Limit	Power Margin
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
Low	5180	15.15	15.75	18.47	24.00	-5.53
Mid	5200	15.20	15.62	18.43	24.00	-5.57
High	5240	15.73	15.91	18.83	24.00	-5.17

### **PSD Results**

OF RESULTS								
Channel	Frequency	Antenna 2	Antenna 4	Total	PSD	PSD		
		Meas	Meas	Corr'd	Limit	Margin		
		PSD	PSD	PSD				
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dB)		
Low	5180	0.496	1.076	6.72	9.38	-2.66		
Mid	5200	0.688	0.887	6.71	9.38	-2.67		
High	5240	0.632	0.651	6.56	9.38	-2.82		

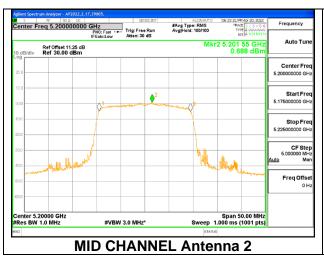
### **LOW CHANNEL**

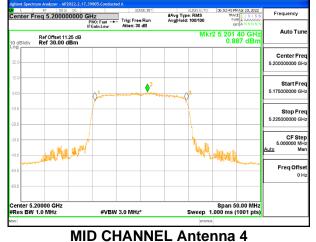


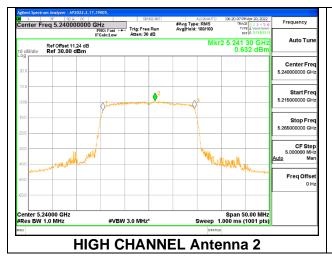


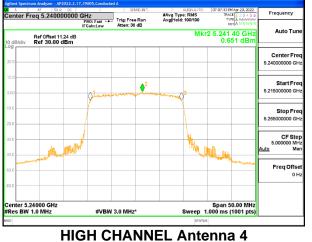
**LOW CHANNEL Antenna 4** 

### MID CHANNEL









Page 80 of 369