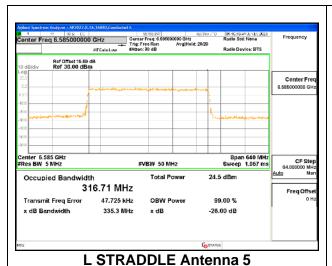
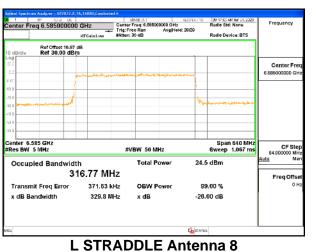
## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 4x 996-Tones, Index S69

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
L Starddle	6585	316.71	316.77
H Straddle	6745	317.64	316.47

### L STRADDLE





# 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 4x 996-Tones, Index S69

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
L Straddle	6585	317.18	316.38	316.38	316.25
H Straddle	6745	317.29	316.91	317.77	317.22

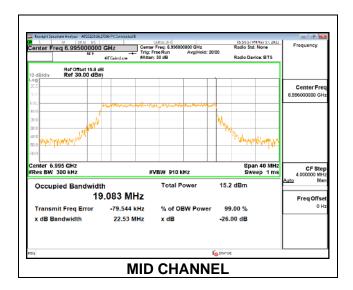
## L STRADDLE



## 9.3.28. 802.11ax HE20 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

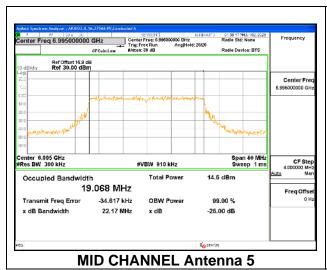
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	6895	19.149
Mid	6995	19.083
High	7095	19.078
High	7115	19.287

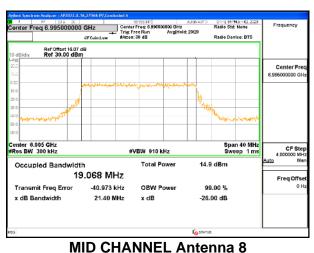


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## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	6895	19.105	19.063
Mid	6995	19.068	19.068
High	7095	19.084	19.059
High	7115	19.215	19.199





## 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Low	6895	19.052	19.066	19.138	19.050
Mid	6995	19.088	19.089	19.019	19.044
High	7095	19.000	19.083	19.083	19.081
High	7115	19.221	19.216	19.273	19.207

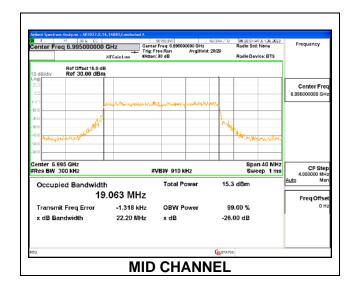


REPORT NO: 14749497-E7V2 DATE: 2023-09-19 FCC ID: 2AEM4-711917312 IC: 20631-711917312

## 9.3.29. 802.11be EHT20 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

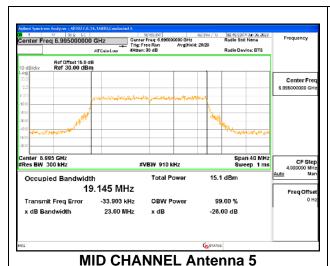
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	6895	19.065
Mid	6995	19.063
High	7095	19.043
High	7115	19.454

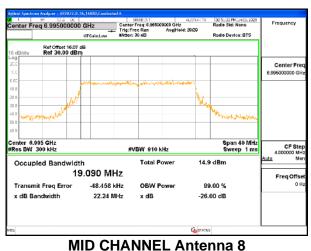


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## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

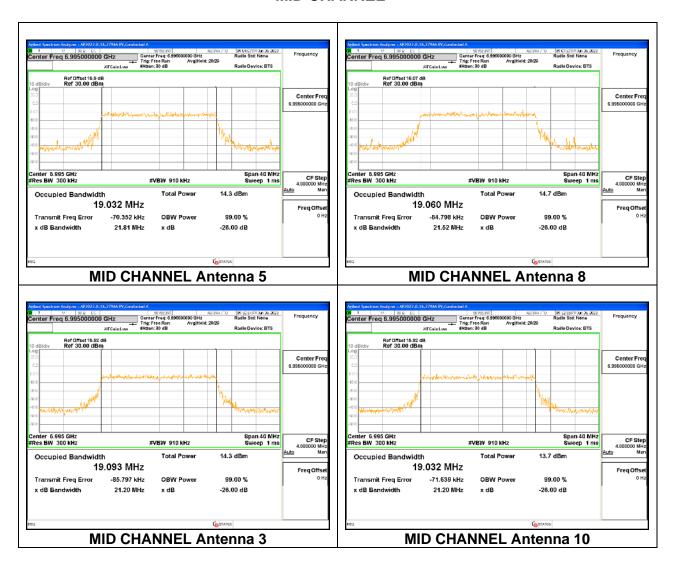
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	6895	19.066	19.030
Mid	6995	19.145	19.090
High	7095	19.039	19.033
High	7115	19.450	19.216





### 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

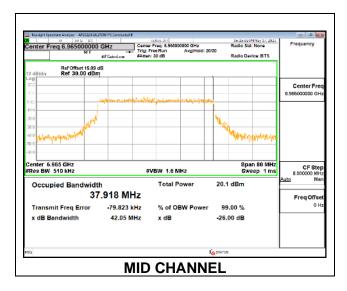
Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Low	6895	19.086	19.066	19.028	19.071
Mid	6995	19.032	19.060	19.093	19.032
High	7095	19.182	19.073	19.050	19.067
High	7115	19.157	19.177	19.229	19.309



# 9.3.30. 802.11ax HE40 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

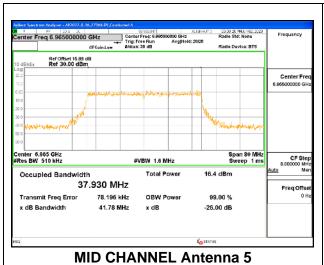
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
L Straddle	6885	37.887
Mid	6965	37.918
High	7085	38.047

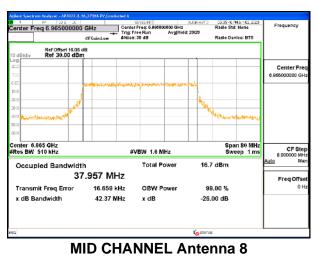


REPORT NO: 14749497-E7V2 DATE: 2023-09-19 FCC ID: 2AEM4-711917312 IC: 20631-711917312

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
L Straddle	6885	37.901	38.017
Mid	6965	37.930	37.957
High	7085	38.042	37.889





### 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
L Straddle	6885	38.066	37.99	38.008	38.056
Mid	6965	37.981	37.946	37.920	38.162
High	7085	37.910	38.017	38.039	37.986

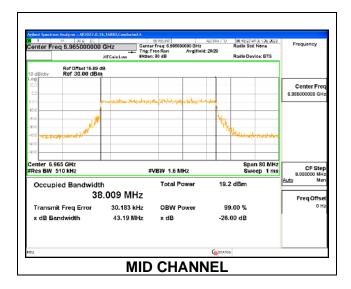


REPORT NO: 14749497-E7V2 DATE: 2023-09-19 FCC ID: 2AEM4-711917312 IC: 20631-711917312

## 9.3.31. 802.11be EHT40 MODE IN THE UNII-8 BAND

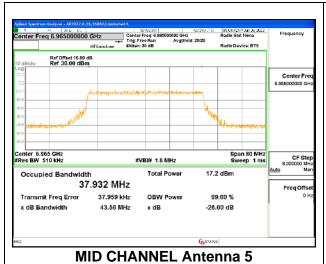
## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

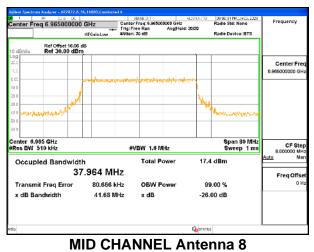
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
L Straddle	6885	37.962
Mid	6965	38.009
High	7085	37.953



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

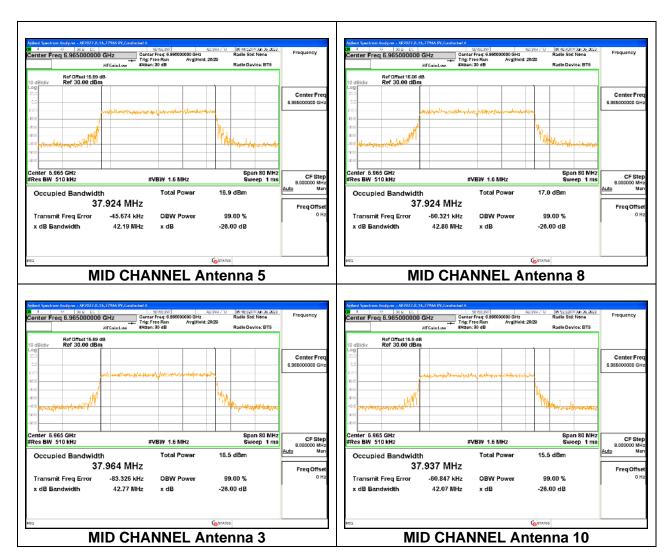
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
L Straddle	6885	37.992	37.974
Mid	6965	37.932	37.964
High	7085	38.008	37.941





### 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

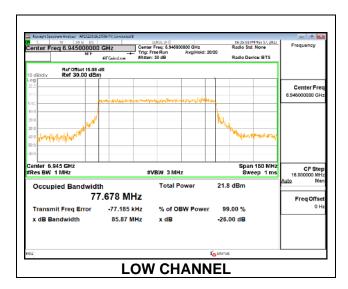
Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
LStraddle	6885	37.871	37.954	37.926	37.967
Mid	6965	37.924	37.924	37.964	37.937
High	7085	37.931	37.963	37.983	38.007



## 9.3.32. 802.11ax HE80 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

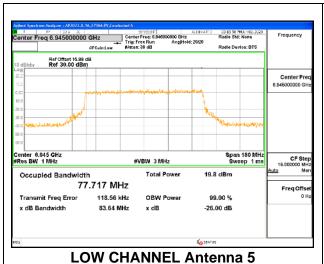
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	6945	77.678
High	7025	77.855

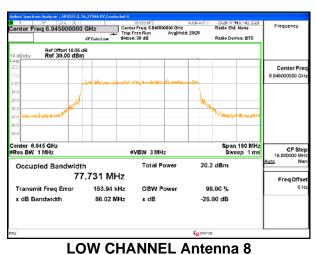


## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	6945	77.717	77.731
High	7025	77.719	77.618

### **LOW CHANNEL**

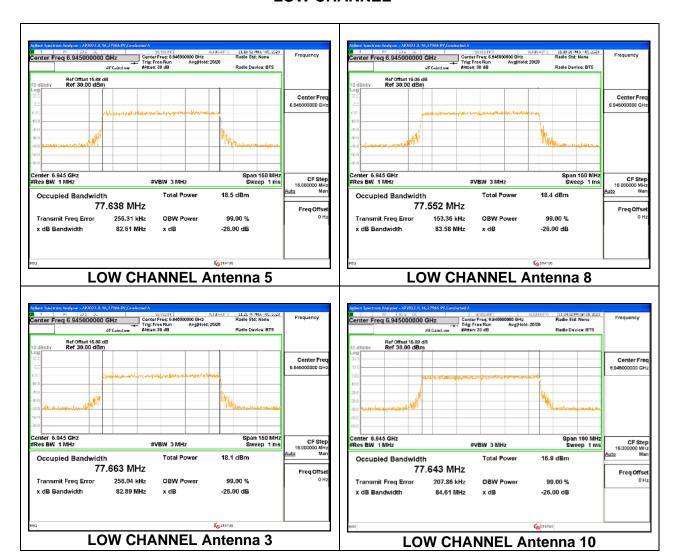




### 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Low	6945	77.638	77.552	77.663	77.643
High	7025	77.699	77.722	77.653	77.732

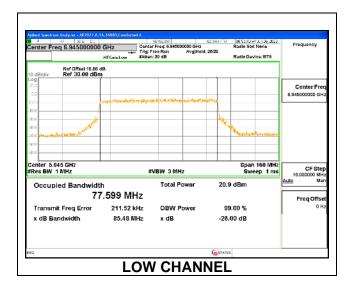
## **LOW CHANNEL**



## 9.3.33. 802.11be EHT80 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

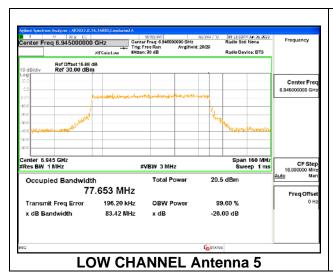
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	6945	77.599
High	7025	77.824

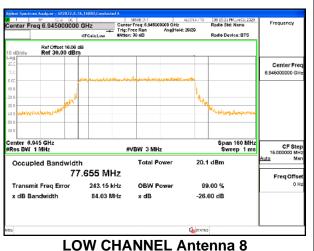


## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Low	6945	77.653	77.655
High	7025	77.694	77.791

## **LOW CHANNEL**

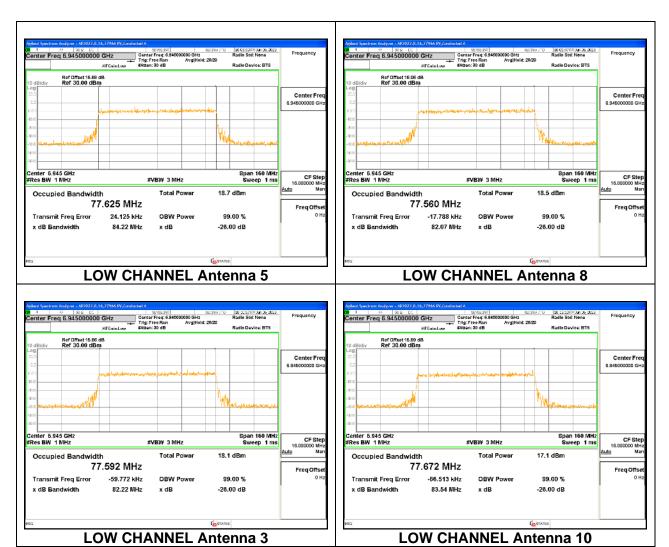




### 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Low	6945	77.625	77.560	77.592	77.672
High	7025	77.546	77.589	77.644	77.800

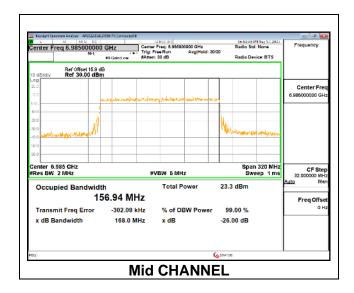
### **LOW CHANNEL**



## 9.3.34. 802.11ax HE160 MODE IN THE UNII-8 BAND

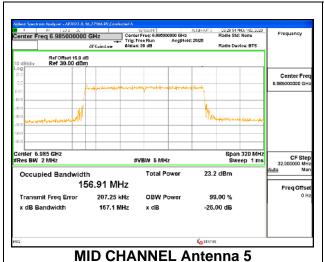
## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

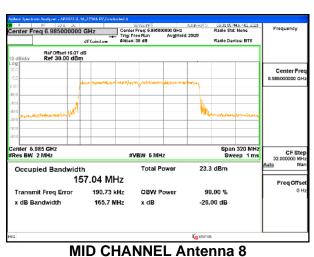
Channel	Frequency	99% Bandwidth	
	(MHz)	(MHz)	
Mid	6985	156.94	



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	6985	156.91	157.04





# 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

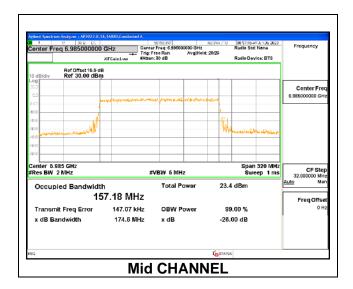
Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Mid	6985	157.00	157.18	156.91	157.14



## 9.3.35. 802.11be EHT160 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

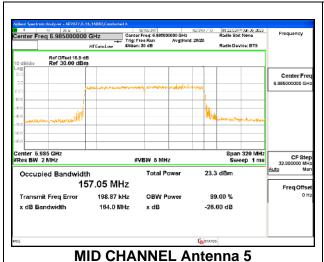
Channel	Frequency	99% Bandwidth	
	(MHz)	(MHz)	
Mid	6985	157.18	

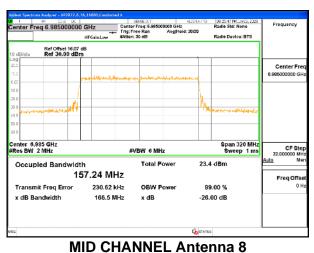


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## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

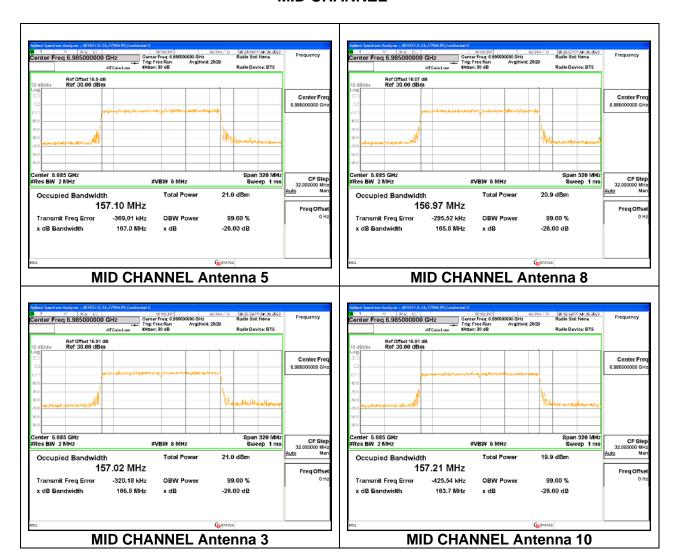
Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Mid	6985	157.05	157.24





# 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Mid	6985	157.10	156.97	157.02	157.21

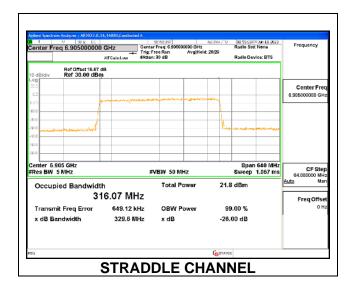


## 9.3.36. 802.11be EHT320 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 4x 996-Tones, Index S69

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Straddle	6905	316.07

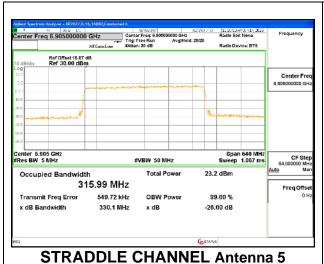
## STRADDLE CHANNEL

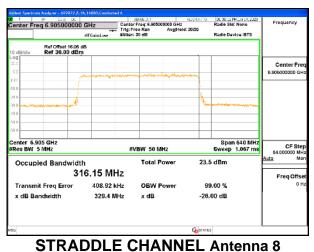


## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 4x 996-Tones, Index S69

Channel	Frequency	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1
	(MHz)	(MHz)	(MHz)
Straddle	6905	315.99	316.15

### STRADDLE CHANNEL

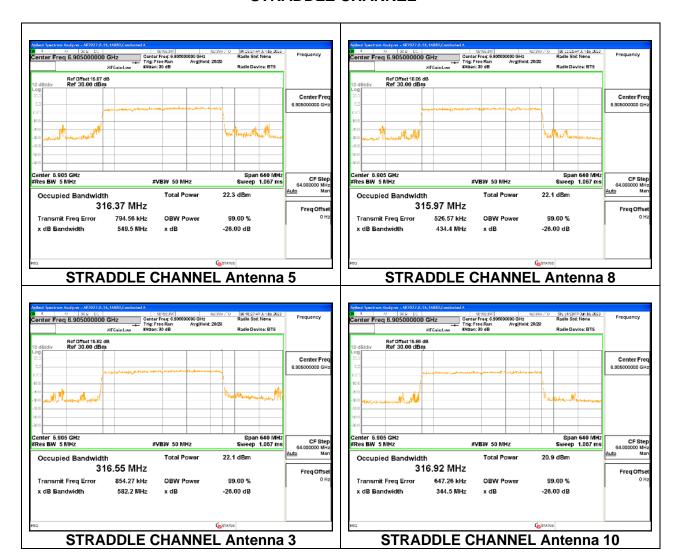




# 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 4x 996-Tones, Index S69

Channel	hannel Frequency 99% Bandwidth		99% Bandwidth	99% Bandwidth	99% Bandwidth
		Chain 0	Chain 1	Chain 2	Chain 3
	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
Straddle	6905	316.37	315.97	316.55	316.92

## STRADDLE CHANNEL



REPORT NO: 14749497-E7V2 FCC ID: 2AEM4-711917312

## 9.4. OUTPUT POWER AND PSD

## **LIMITS**

FCC §15.407

Band 5.925-7.125 GHz

- (5) For an indoor access point operating in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (9) Access points operating under the provisions of paragraphs (a)(5) of this section must employ a permanently attached integrated antenna.

### **RSS-248**

## 4.5.2 Power limits for low-power indoor access-points and indoor subordinate devices

The following limits shall apply to low-power indoor access-points and indoor subordinate devices:

- a. the maximum e.i.r.p. spectral density shall not exceed 5 dBm/MHz and
- b. the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 30 dBm

### TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G) and for straddles channels KDB 789033 D02 v02r01, Section E.2.b (Method SA-1) was used.

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

The power output and power density were measured by radiated method in lieu of conducted measurements. Turn table, antenna and polarization were maximized for this method.

### Effective Isotropic Radiated Power Calculated as follows:

Measured Transmitter Power (dBm) + Free Space Path Loss at 3 Meter (dB) + Measurement Antenna Gain (dBi) + Preamp Gain (dB) + Duty Cycle Correction Factor (dB) = EIRP (dBm)

Sample Calculation 802.11ax HE20 Mode in UNII-5G band, 1Tx Antenna 5=-23.91 dBm + 57.49 dB -10.74dBi -6.19 dB + 0 dB = 16.65 dBm

Note: Same calculation is used for both total channel power and power spectral density measurements. The only difference is the measurement bandwidths.

## **RESULTS**

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DATE: 2023-09-19

IC: 20631-711917312

# 9.4.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-26

## (NOTE: **POWER** and **PSD** were tested by radiated method)

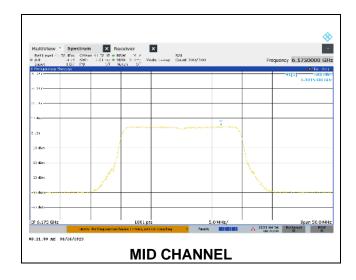
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	16.65	16.65	30.00	-13.35
Mid	6175	17.21	17.21	30.00	-12.79
High	6415	17.03	17.03	30.00	-12.97

#### **PSD Results**

. OD NOS	1 OD NOSANS						
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	5955	4.78	4.78	5.00	-0.22		
Mid	6175	4.82	4.82	5.00	-0.18		
High	6415	4.58	4.58	5.00	-0.42		



DATE: 2023-09-19

IC: 20631-711917312

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	SI 23522
Test Date:	2023-04-20

## (NOTE: **POWER** and **PSD** were tested by radiated method)

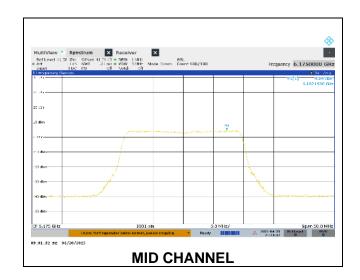
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
-------------------------	--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	16.12	16.12	30.00	-13.88
Mid	6175	17.16	17.16	30.00	-12.84
High	6415	16.57	16.57	30.00	-13.43

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	4.16	4.16	5.00	-0.84
Mid	6175	4.54	4.54	5.00	-0.46
High	6415	4.43	4.43	5.00	-0.57



# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-19

# (NOTE: POWER and PSD were tested by radiated method)

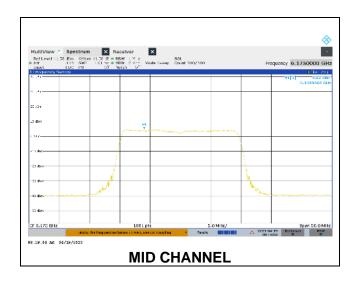
Duty Cycle CF (dB) 0.0	00 <b>l</b> ı	ncluded in Calculations of Corr'd PSD
------------------------	---------------	---------------------------------------

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	17.93	17.93	30.00	-12.07
Mid	6175	17.70	17.70	30.00	-12.30
High	6415	18.13	18.13	30.00	-11.87

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	4.70	4.70	5.00	-0.30
Mid	6175	4.82	4.82	5.00	-0.18
High	6415	4.89	4.89	5.00	-0.11



DATE: 2023-09-19

IC: 20631-711917312

## 9.4.2. 802.11be EHT20 MODE IN THE UNII-5 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-27

## (NOTE: POWER and PSD were tested by radiated method)

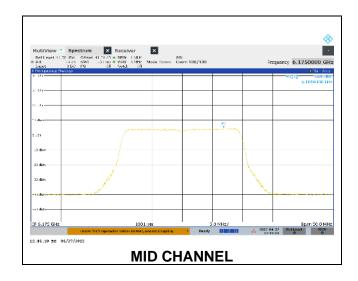
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
-------------------------	--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	16.88	16.88	30.00	-13.12
Mid	6175	17.06	17.06	30.00	-12.94
High	6415	17.11	17.11	30.00	-12.89

#### **PSD Results**

1 OD Nesulis							
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	5955	4.75	4.75	5.00	-0.25		
Mid	6175	4.68	4.68	5.00	-0.32		
High	6415	4.80	4.80	5.00	-0.20		



DATE: 2023-09-19

IC: 20631-711917312

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	SI 23522
Test Date:	2023-04-24

## (NOTE: POWER and PSD were tested by radiated method)

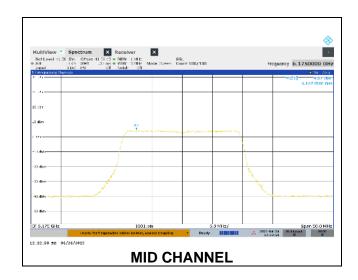
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power		
		EIRP	Corr'd	Limit	Margin		
		Power	EIRP	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	5955	17.66	17.66	30.00	-12.34		
Mid	6175	17.08	17.08	30.00	-12.92		
High	6415	17.02	17.02	30.00	-12.98		

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	4.78	4.78	5.00	-0.22
Mid	6175	4.57	4.57	5.00	-0.43
High	6415	4.66	4.66	5.00	-0.34



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

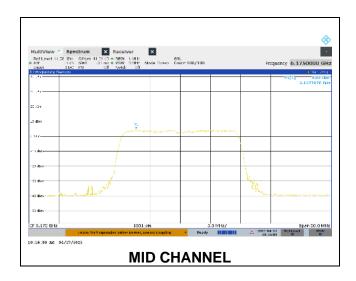
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	17.38	17.38	30.00	-12.62
Mid	6175	17.37	17.37	30.00	-12.63
High	6415	17.28	17.28	30.00	-12.72

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5955	4.87	4.87	5.00	-0.13
Mid	6175	4.85	4.85	5.00	-0.15
High	6415	4.80	4.80	5.00	-0.20



DATE: 2023-09-19

IC: 20631-711917312

# 9.4.3. 802.11ax HE40 MODE IN THE UNII-5 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-26

# (NOTE: POWER and PSD were tested by radiated method)

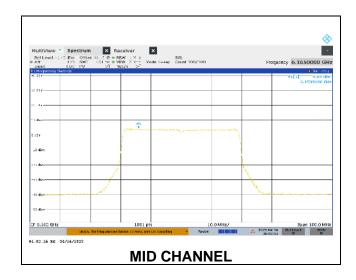
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD
--

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	19.45	19.45	30.00	-10.55
Mid	6165	19.67	19.67	30.00	-10.33
High	6405	19.60	19.60	30.00	-10.40

#### **PSD Results**

1 OD Nesalis							
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	5965	4.78	4.78	5.00	-0.22		
Mid	6165	4.54	4.54	5.00	-0.46		
High	6405	4.55	4.55	5.00	-0.45		



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-21

# (NOTE: POWER and PSD were tested by radiated method)

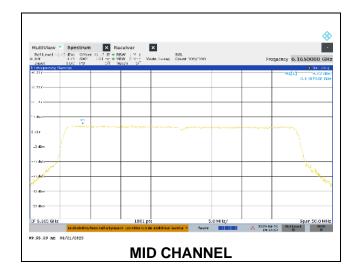
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD	
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	19.98	19.98	30.00	-10.02
Mid	6165	19.44	19.44	30.00	-10.56
High	6405	19.90	19.90	30.00	-10.10

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	4.81	4.81	5.00	-0.19
Mid	6165	4.73	4.73	5.00	-0.27
High	6405	4.58	4.58	5.00	-0.42



DATE: 2023-09-19

## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index <u>65</u>

Test Engineer:	CW 20756
Test Date:	2023-04-19

# (NOTE: POWER and PSD were tested by radiated method)

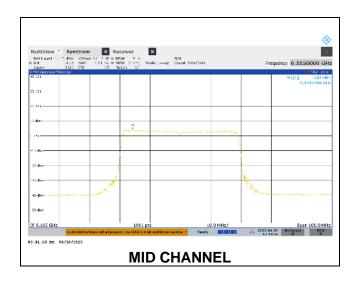
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	20.00	20.00	30.00	-10.00
Mid	6165	19.01	19.01	30.00	-10.99
High	6405	19.33	19.33	30.00	-10.67

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	4.95	4.95	5.00	-0.05
Mid	6165	4.20	4.20	5.00	-0.80
High	6405	4.67	4.67	5.00	-0.33



DATE: 2023-09-19

## 9.4.4. 802.11be EHT40 MODE IN THE UNII-5 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-26

## (NOTE: **POWER** and **PSD** were tested by radiated method)

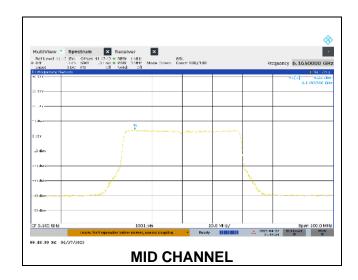
|--|

## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	19.01	19.01	30.00	-10.99
Mid	6165	19.51	19.51	30.00	-10.49
High	6405	19.36	19.36	30.00	-10.64

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	4.28	4.28	5.00	-0.72
Mid	6165	4.22	4.22	5.00	-0.78
High	6405	4.35	4.35	5.00	-0.65



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

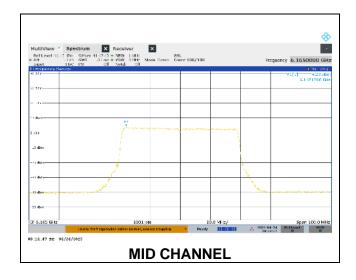
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	19.08	19.08	30.00	-10.92
Mid	6165	19.13	19.13	30.00	-10.87
High	6405	19.58	19.58	30.00	-10.42

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	4.33	4.33	5.00	-0.67
Mid	6165	4.23	4.23	5.00	-0.77
High	6405	4.56	4.56	5.00	-0.44



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-17

# (NOTE: POWER and PSD were tested by radiated method)

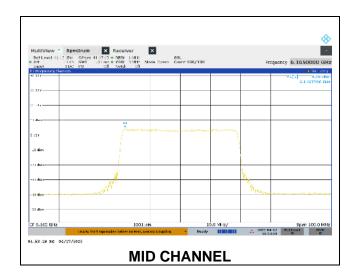
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	19.70	19.70	30.00	-10.30
Mid	6165	19.74	19.74	30.00	-10.26
High	6405	19.07	19.07	30.00	-10.93

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5965	4.55	4.55	5.00	-0.45
Mid	6165	4.76	4.76	5.00	-0.24
High	6405	4.05	4.05	5.00	-0.95



DATE: 2023-09-19

# 9.4.5. 802.11ax HE80 MODE IN THE UNII-5 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-26

## (NOTE: **POWER** and **PSD** were tested by radiated method)

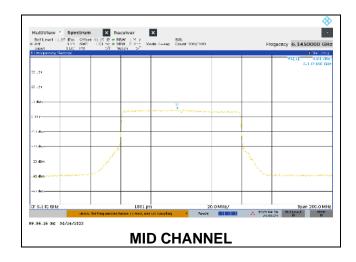
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
-------------------------	--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	23.28	23.28	30.00	-6.72
Mid	6145	24.03	24.03	30.00	-5.97
High	6385	23.45	23.45	30.00	-6.55

#### **PSD Results**

1 OD Results							
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	5985	4.31	4.31	5.00	-0.69		
Mid	6145	4.81	4.81	5.00	-0.19		
High	6385	4.12	4.12	5.00	-0.88		



DATE: 2023-09-19

# 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-26

# (NOTE: POWER and PSD were tested by radiated method)

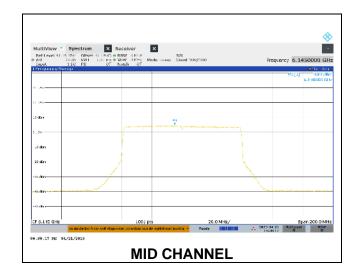
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	22.96	22.96	30.00	-7.04
Mid	6145	23.42	23.42	30.00	-6.58
High	6385	23.03	23.03	30.00	-6.97

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	4.51	4.51	5.00	-0.49
Mid	6145	4.84	4.84	5.00	-0.16
High	6385	4.43	4.43	5.00	-0.57



# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-19

# (NOTE: POWER and PSD were tested by radiated method)

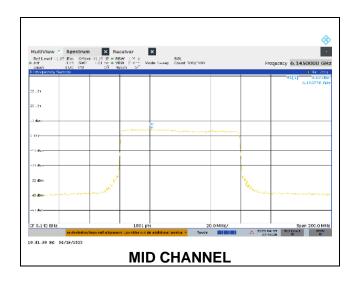
Duty Cycle CF (dB) 0.0	00 <b>l</b> ı	ncluded in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	22.64	22.64	30.00	-7.36
Mid	6145	23.00	23.00	30.00	-7.00
High	6385	23.37	23.37	30.00	-6.63

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	4.26	4.26	5.00	-0.74
Mid	6145	4.53	4.53	5.00	-0.47
High	6385	4.44	4.44	5.00	-0.56



DATE: 2023-09-19

# 9.4.6. 802.11be EHT80 MODE IN THE UNII-5 BAND

# 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-26

# (NOTE: POWER and PSD were tested by radiated method)

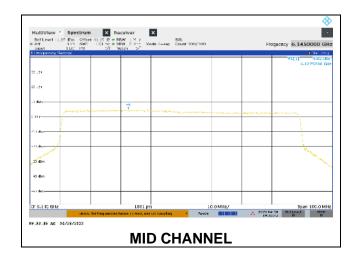
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	24.02	24.02	30.00	-5.98
Mid	6145	23.08	23.08	30.00	-6.92
High	6385	23.11	23.11	30.00	-6.89

#### **PSD Results**

I OD NOS	4110				
Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	4.89	4.89	5.00	-0.11
Mid	6145	4.82	4.82	5.00	-0.18
High	6385	4.50	4.50	5.00	-0.50



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-25

# (NOTE: POWER and PSD were tested by radiated method)

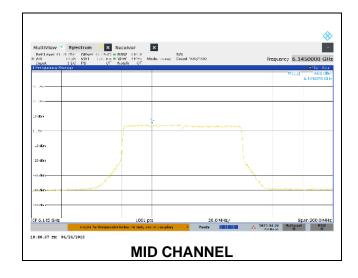
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	23.16	23.16	30.00	-6.84
Mid	6145	23.65	23.65	30.00	-6.35
High	6385	23.55	23.55	30.00	-6.45

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	4.14	4.14	5.00	-0.86
Mid	6145	4.61	4.61	5.00	-0.39
High	6385	4.64	4.64	5.00	-0.36



# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-28

# (NOTE: POWER and PSD were tested by radiated method)

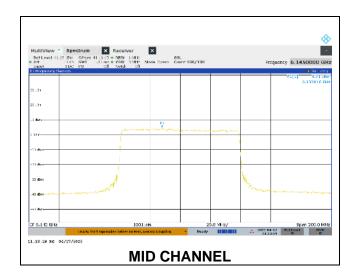
Duty Cycle CF (dB) 0.00 lincluded in Calculations of Corrd PSD	Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	22.88	22.88	30.00	-7.12
Mid	6145	22.86	22.86	30.00	-7.14
High	6385	22.79	22.79	30.00	-7.21

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	5985	4.30	4.30	5.00	-0.70
Mid	6145	4.71	4.71	5.00	-0.29
High	6385	4.33	4.33	5.00	-0.67



DATE: 2023-09-19

## DATE: 2023-09-19 IC: 20631-711917312

# 9.4.7. 802.11ax HE160 MODE IN THE UNII-5 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-27

# (NOTE: POWER and PSD were tested by radiated method)

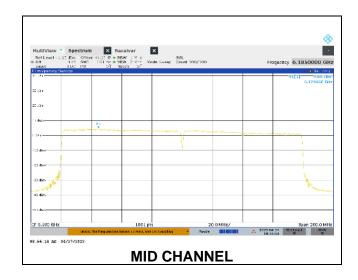
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	26.22	26.22	30.00	-3.78
Mid	6185	26.00	26.00	30.00	-4.00
High	6345	26.58	26.58	30.00	-3.42

#### **PSD Results**

1 OD Results							
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6025	4.66	4.66	5.00	-0.34		
Mid	6185	4.66	4.66	5.00	-0.34		
High	6345	4.62	4.62	5.00	-0.38		



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

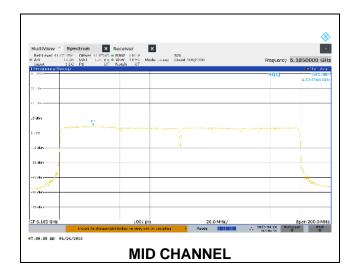
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	26.30	26.30	30.00	-3.70
Mid	6185	26.62	26.62	30.00	-3.38
High	6345	26.53	26.53	30.00	-3.47

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	4.34	4.34	5.00	-0.66
Mid	6185	4.82	4.82	5.00	-0.18
High	6345	4.61	4.61	5.00	-0.39



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-20

# (NOTE: POWER and PSD were tested by radiated method)

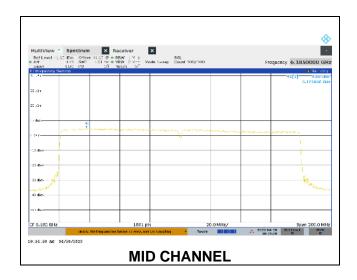
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	26.59	26.59	30.00	-3.41
Mid	6185	26.72	26.72	30.00	-3.28
High	6345	26.26	26.26	30.00	-3.74

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	4.79	4.79	5.00	-0.21
Mid	6185	4.88	4.88	5.00	-0.12
High	6345	4.59	4.59	5.00	-0.41



DATE: 2023-09-19

# 9.4.8. 802.11be EHT160 MODE IN THE UNII-5 BAND

# 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-28

# (NOTE: POWER and PSD were tested by radiated method)

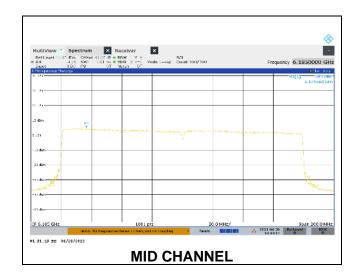
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	26.25	26.25	30.00	-3.75
Mid	6185	25.56	25.56	30.00	-4.44
High	6345	25.56	25.56	30.00	-4.44

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD			
		EIRP	Corr'd	Limit	Margin			
		PSD	PSD	EIRP				
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)			
Low	6025	4.14	4.14	5.00	-0.86			
Mid	6185	4.84	4.84	5.00	-0.16			
High	6345	4.58	4.58	5.00	-0.42			



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-25

# (NOTE: POWER and PSD were tested by radiated method)

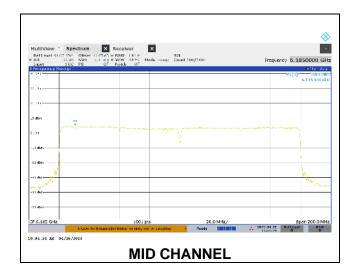
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	26.75	26.75	30.00	-3.25
Mid	6185	26.66	26.66	30.00	-3.34
High	6345	27.24	27.24	30.00	-2.76

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	4.64	4.64	5.00	-0.36
Mid	6185	4.84	4.84	5.00	-0.16
High	6345	4.56	4.56	5.00	-0.44



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-18

# (NOTE: POWER and PSD were tested by radiated method)

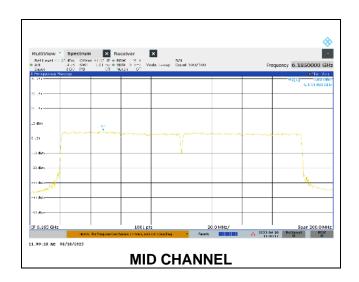
Duty Cycle CF (dB) 0.	00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	22.90	22.90	30.00	-7.10
Mid	6185	23.23	23.23	30.00	-6.77
High	6345	26.01	26.01	30.00	-3.99

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6025	4.56	4.56	5.00	-0.44
Mid	6185	4.83	4.83	5.00	-0.17
High	6345	4.33	4.33	5.00	-0.67



# IC: 20631-711917312

DATE: 2023-09-19

# 9.4.9. 802.11be EHT320 MODE IN THE UNII-5 BAND

## 1TX Antenna 5 OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 20756
Test Date:	2023-04-28

## (NOTE: **POWER** and **PSD** were tested by radiated method)

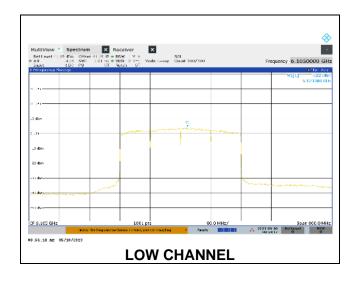
Duty Cycle CF (dB) 0.0	00 Incl	uded in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6105	27.83	27.83	30.00	-2.17
High	6265	28.46	28.46	30.00	-1.54

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6105	4.22	4.22	5.00	-0.78
High	6265	4.91	4.91	5.00	-0.09



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 20756
Test Date:	2023-04-25

# (NOTE: POWER and PSD were tested by radiated method)

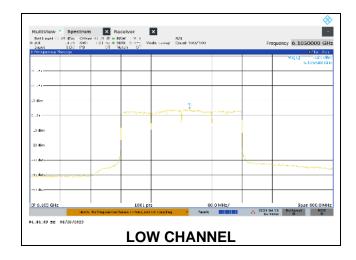
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6105	28.90	28.90	30.00	-1.10
High	6265	29.31	29.31	30.00	-0.69

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6105	(dBm) 4.24	(dBm) 4.24	(dBm) 5.00	(dB) -0.76



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 20756
Test Date:	2023-04-18, 2023-04-28

# (NOTE: POWER and PSD were tested by radiated method)

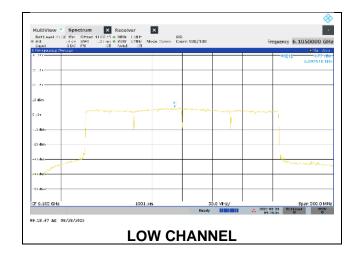
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	4				
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6105	(dBm) 29.23	(dBm) 29.23	30.00	( <b>dB</b> ) -0.77

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6105	(dBm) 4.77	(dBm) 4.77	(dBm) 5.00	(dB) -0.23



DATE: 2023-09-19 IC: 20631-711917312

# 9.4.10. 802.11ax HE20 MODE IN THE UNII-6 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-26

# (NOTE: POWER and PSD were tested by radiated method)

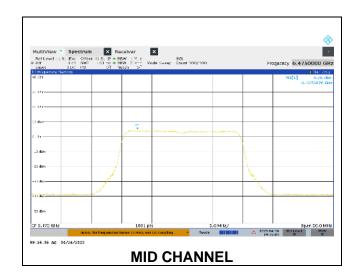
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	16.97	16.97	30.00	-13.03
Mid	6475	16.58	16.58	30.00	-13.42
High	6515	17.21	17.21	30.00	-12.79

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD			
		EIRP	Corr'd	Limit	Margin			
		PSD	PSD	EIRP				
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)			
Low	6435	4.60	4.60	5.00	-0.40			
Mid	6475	4.76	4.76	5.00	-0.24			
High	6515	4.88	4.88	5.00	-0.12			



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-20

# (NOTE: POWER and PSD were tested by radiated method)

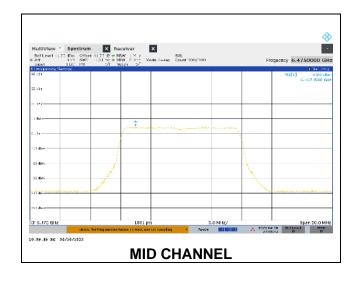
Duty Cycle CF (dB) 0.00	Included i	n Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	16.38	16.38	30.00	-13.62
Mid	6475	17.03	17.03	30.00	-12.97
High	6515	16.58	16.58	30.00	-13.42

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	4.13	4.13	5.00	-0.87
Mid	6475	4.84	4.84	5.00	-0.16
High	6515	4.05	4.05	5.00	-0.95



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-17

# (NOTE: POWER and PSD were tested by radiated method)

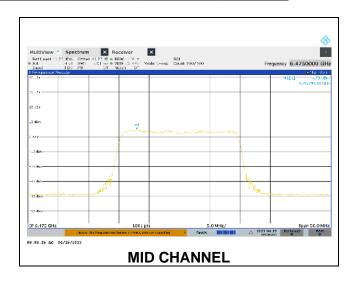
Duty Cycle CF (dB) 0.0	00 <b>l</b> ı	ncluded in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	18.02	18.02	30.00	-11.98
Mid	6475	17.88	17.88	30.00	-12.12
High	6515	16.93	16.93	30.00	-13.07

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	4.94	4.94	5.00	-0.06
Mid	6475	4.79	4.79	5.00	-0.21
High	6515	4.70	4.70	5.00	-0.30



DATE: 2023-09-19

## 9.4.11. 802.11be EHT20 MODE IN THE UNII-6 BAND

# 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-26

# (NOTE: POWER and PSD were tested by radiated method)

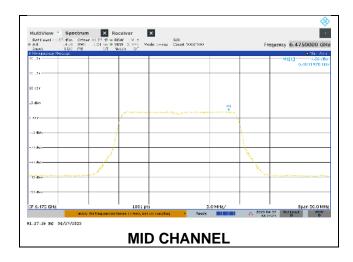
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	17.20	17.20	30.00	-12.80
Mid	6475	16.92	16.92	30.00	-13.08
High	6515	16.89	16.89	30.00	-13.11

### **PSD Results**

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Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6435	4.61	4.61	5.00	-0.39				
Mid	6475	4.56	4.56	5.00	-0.44				
High	6515	4.74	4.74	5.00	-0.26				



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

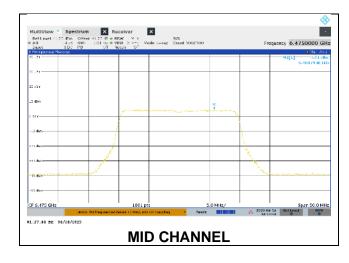
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	16.93	16.93	30.00	-13.07
Mid	6475	17.09	17.09	30.00	-12.91
High	6515	17.04	17.04	30.00	-12.96

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	4.61	4.61	5.00	-0.39
Mid	6475	4.71	4.71	5.00	-0.29
High	6515	4.63	4.63	5.00	-0.37



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-17

# (NOTE: POWER and PSD were tested by radiated method)

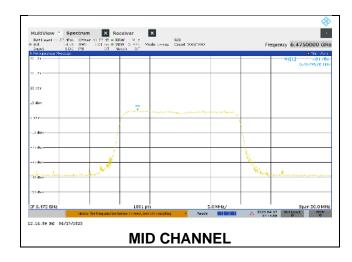
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	17.15	17.15	30.00	-12.85
Mid	6475	18.11	18.11	30.00	-11.89
High	6515	17.65	17.65	30.00	-12.35

## **PSD** Results

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6435	4.61	4.61	5.00	-0.39
Mid	6475	4.81	4.81	5.00	-0.19
High	6515	4.80	4.80	5.00	-0.20



## 9.4.12. 802.11ax HE40 MODE IN THE UNII-6 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-05-01

# (NOTE: POWER and PSD were tested by radiated method)

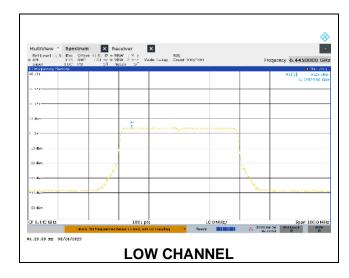
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	<b>(MHz)</b> 6445	(dBm) 19.58	(dBm) 19.58	(dBm) 30.00	(dB) -10.42

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6445	4.25	4.25	5.00	-0.75
Straddle	6525	4.74	4.74	5.00	-0.26



DATE: 2023-09-19 IC: 20631-711917312

# 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-21

# (NOTE: POWER and PSD were tested by radiated method)

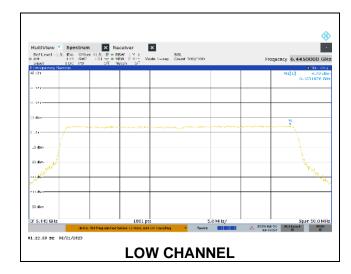
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6445	20.13	20.13	30.00	-9.87

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6445	4.79	4.79	5.00	-0.21
Straddle	6525	4.72	4.72	5.00	-0.28



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-20

# (NOTE: POWER and PSD were tested by radiated method)

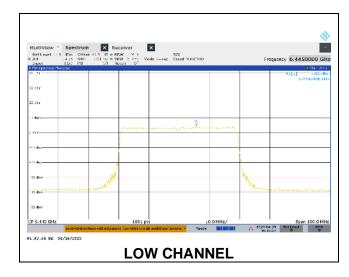
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	<i></i>			(15.)	(>
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6445	19.51	19.51	30.00	-10.49

## **PSD** Results

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6445	(dBm) 4.32	(dBm) 4.32	(dBm) 5.00	(dB) -0.68



DATE: 2023-09-19 IC: 20631-711917312

## 9.4.13. 802.11be EHT40 MODE IN THE UNII-6 BAND

# 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-05-01

# (NOTE: **POWER** and **PSD** were tested by radiated method)

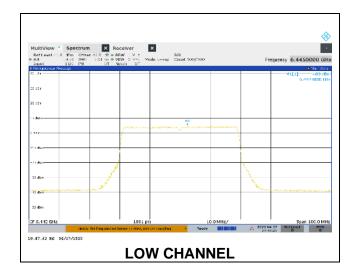
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6445	( <b>dBm</b> ) 19.91	(dBm) 19.91	(dBm) 30.00	( <b>dB</b> ) -10.09

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6445	4.83	4.83	5.00	-0.17
Straddle	6525	4.67	4.67	5.00	-0.33



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

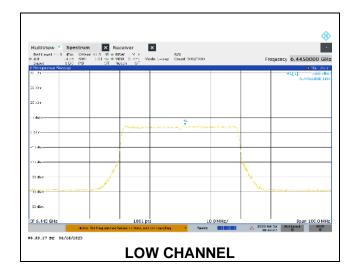
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6445	19.72	19.72	30.00	-10.28
Straddle	6525	20.11	20.11	30.00	-9.89

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6445	4.66	4.66	5.00	-0.34
Straddle	6525	4.84	4.84	5.00	-0.16



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-20

# (NOTE: POWER and PSD were tested by radiated method)

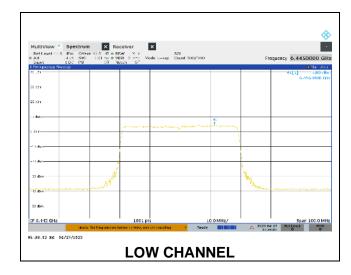
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(2.21.1.)			(15.)	(
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6445	19.31	19.31	30.00	-10.69

## **PSD** Results

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6445	(dBm) 4.80	(dBm) 4.80	(dBm) 5.00	(dB) -0.20



DATE: 2023-09-19 IC: 20631-711917312

# 9.4.14. 802.11ax HE80 MODE IN THE UNII-6 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-26

## (NOTE: **POWER** and **PSD** were tested by radiated method)

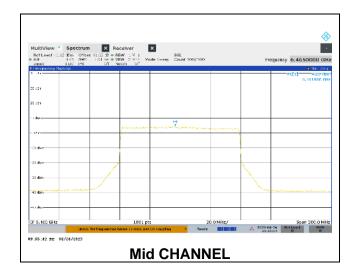
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD
--

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Miid	6465	23.61	23.61	30.00	-6.39

## **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	4.29	4.29	5.00	-0.71



DATE: 2023-09-19

# 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-21

# (NOTE: POWER and PSD were tested by radiated method)

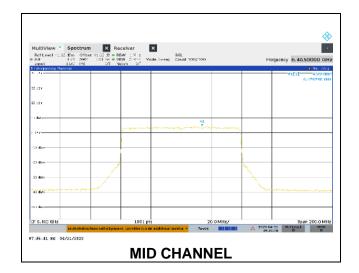
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	23.44	23.44	30.00	-6.56

## **PSD** Results

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	4.39	4.39	5.00	-0.61



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-20

# (NOTE: POWER and PSD were tested by radiated method)

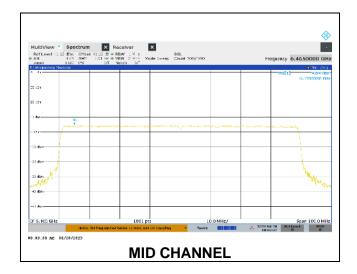
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	23.97	23.97	30.00	-6.03

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	4.84	4.84	5.00	-0.16



DATE: 2023-09-19

## 9.4.15. 802.11be EHT80 MODE IN THE UNII-6 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-28

## (NOTE: POWER and PSD were tested by radiated method)

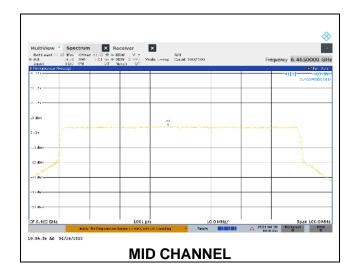
Duty Cycle CF (dB) 0.00	Included	in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	23.35	23.35	30.00	-6.65

### **PSD** Results

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	4.60	4.60	5.00	-0.40



DATE: 2023-09-19

# 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-25

# (NOTE: POWER and PSD were tested by radiated method)

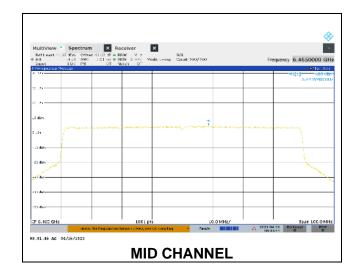
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd Power &	PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	23.89	23.89	30.00	-6.11

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Mid	6465	4.83	4.83	5.00	-0.17		



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-20

## (NOTE: POWER and PSD were tested by radiated method)

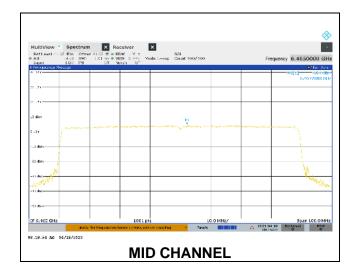
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Mid	6465	23.30	23.30	30.00	-6.70

#### **PSD Results**

	Channel Frequency		Meas	Total	PSD	PSD
			EIRP	Corr'd	Limit	Margin
			PSD	PSD	EIRP	
		(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Ī	Mid	6465	4.64	4.64	5.00	-0.36



DATE: 2023-09-19

# IC: 20631-711917312

DATE: 2023-09-19

## 9.4.16. 802.11ax HE160 MODE IN THE UNII-6 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-27

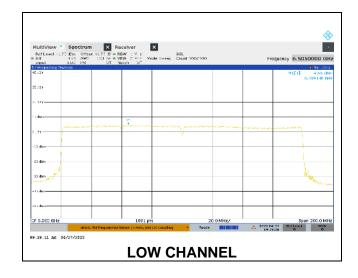
## (NOTE: **POWER** and **PSD** were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	26.58	26.58	30.00	-3.42

. 02 11000110								
Channel	Frequency	Meas	Total	PSD	PSD			
		EIRP	Corr'd	Limit	Margin			
		PSD	PSD	EIRP				
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)			
Low	6505	4.55	4.55	5.00	-0.45			



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 27056
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

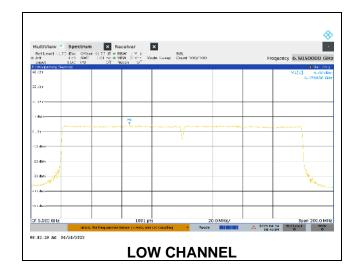
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	26.68	26.68	30.00	-3.32

### **PSD Results**

	1 02 Noodilo							
	Channel	Frequency	Meas	Total	PSD	PSD		
			EIRP	Corr'd	Limit	Margin		
			PSD	PSD	EIRP			
		(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Ī	Low	6505	4.78	4.78	5.00	-0.22		



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	23522 SI
Test Date:	2023-07-26

## (NOTE: POWER and PSD were tested by radiated method)

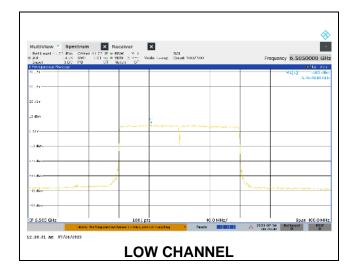
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	26.61	26.61	30.00	-3.39

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6505	4.85	4.85	5.00	-0.15				



DATE: 2023-09-19 IC: 20631-711917312

# 9.4.17. 802.11be EHT160 MODE IN THE UNII-6 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-27

## (NOTE: POWER and PSD were tested by radiated method)

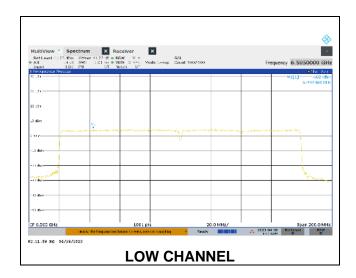
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	26.30	26.30	30.00	-3.70

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	4.62	4.62	5.00	-0.38



DATE: 2023-09-19

# 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 27056
Test Date:	2023-04-25

# (NOTE: POWER and PSD were tested by radiated method)

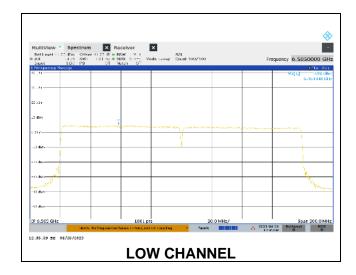
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	26.80	26.80	30.00	-3.20

## **PSD** Results

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	4.91	4.91	5.00	-0.09



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	23522 SI
Test Date:	2023-07-26

## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	25.77	25.77	30.00	-4.23

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6505	4.06	4.06	5.00	-0.94



DATE: 2023-09-19 IC: 20631-711917312 9.4.18.

# 802.11be EHT320 MODE IN THE UNII-6 BAND

## 1TX Antenna 5 OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	23522 SI
Test Date:	2023-07-25

## (NOTE: **POWER** and **PSD** were tested by radiated method)

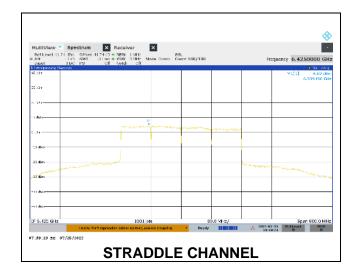
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6425	28.73	28.73	30.00	-1.27

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6425	4.59	4.59	5.00	-0.41



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 27056
Test Date:	2023-04-25

# (NOTE: POWER and PSD were tested by radiated method)

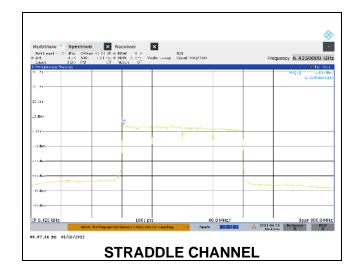
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6425	28.62	28.62	30.00	-1.38

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6425	4.10	4.10	5.00	-0.90



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 27056
Test Date:	2023-04-18

# (NOTE: POWER and PSD were tested by radiated method)

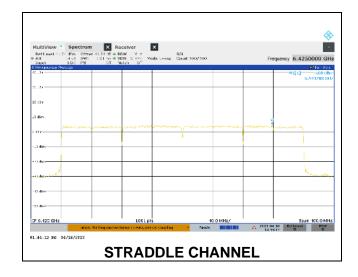
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6425	23.91	23.91	30.00	-6.09

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Straddle	6425	4.68	4.68	5.00	-0.32		



DATE: 2023-09-19

## 9.4.19. 802.11ax HE20 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-26

## (NOTE: **POWER** and **PSD** were tested by radiated method)

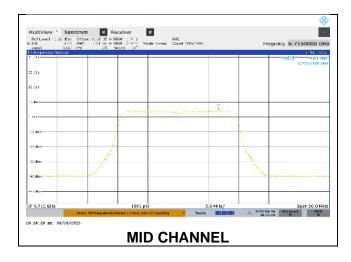
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD
--

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	17.08	17.08	30.00	-12.92
Mid	6715	17.42	17.42	30.00	-12.58
Straddle	6875	17.09	17.09	30.00	-12.91

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	4.76	4.76	5.00	-0.24
Mid	6715	4.61	4.61	5.00	-0.39
Staddle	6875	4.68	4.68	5.00	-0.32



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-21

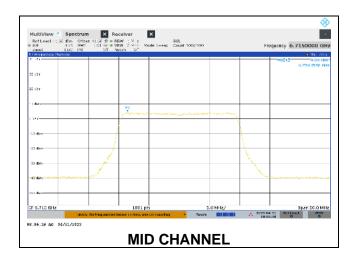
# (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.0	00 I	ncluded in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	16.61	16.61	30.00	-13.39
Mid	6715	16.85	16.85	30.00	-13.15
Straddle	6875	17.04	17.04	30.00	-12.96

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	4.21	4.21	5.00	-0.79
Mid	6715	4.35	4.35	5.00	-0.65
Staddle	6875	4.65	4.65	5.00	-0.35



# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-19

## (NOTE: POWER and PSD were tested by radiated method)

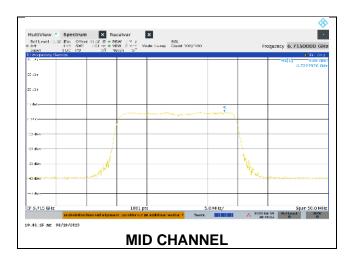
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	17.65	17.65	30.00	-12.35
Mid	6715	16.88	16.88	30.00	-13.12
Straddle	6875	16.78	16.78	30.00	-13.22

#### **PSD** Results

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	4.80	4.80	5.00	-0.20
Mid	6715	4.86	4.86	5.00	-0.14
Staddle	6875	4.76	4.76	5.00	-0.24



DATE: 2023-09-19

## 9.4.20. 802.11be EHT20 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-26

## (NOTE: POWER and PSD were tested by radiated method)

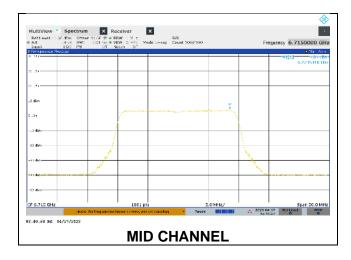
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PS	SD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	16.84	16.84	30.00	-13.16
Mid	6715	16.43	16.43	30.00	-13.57
Straddle	6875	16.38	16.38	30.00	-13.62

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	4.53	4.53	5.00	-0.47
Mid	6715	4.34	4.34	5.00	-0.66
Staddle	6875	4.14	4.14	5.00	-0.86



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

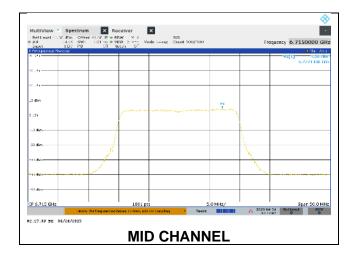
Duty Cycle CF (dB) 0.00	Included in Calcula	ations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	17.27	17.27	30.00	-12.73
Mid	6715	17.19	17.19	30.00	-12.81
Straddle	6875	17.37	17.37	30.00	-12.63

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	4.75	4.75	5.00	-0.25
Mid	6715	4.56	4.56	5.00	-0.44
Staddle	6875	4.66	4.66	5.00	-0.34



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-17

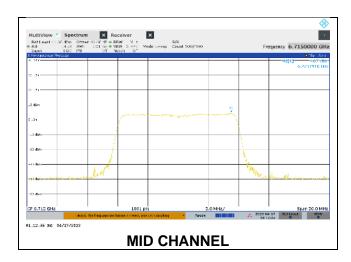
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD
--

## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	17.29	17.29	30.00	-12.71
Mid	6715	17.35	17.35	30.00	-12.65
Straddle	6875	17.36	17.36	30.00	-12.64

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6535	4.83	4.83	5.00	-0.17
Mid	6715	4.67	4.67	5.00	-0.33
Staddle	6875	4.67	4.67	5.00	-0.33



## 9.4.21. 802.11ax HE40 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-26

## (NOTE: **POWER** and **PSD** were tested by radiated method)

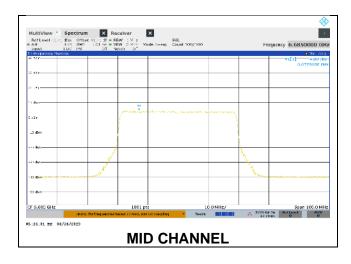
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD
--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	19.55	19.55	30.00	-10.45
Mid	6685	19.98	19.98	30.00	-10.02
High	6845	19.21	19.21	30.00	-10.79

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD			
		EIRP	Corr'd	Limit	Margin			
		PSD	PSD	EIRP				
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)			
Low	6565	4.22	4.22	5.00	-0.78			
Mid	6685	4.80	4.80	5.00	-0.20			
High	6845	4.22	4.22	5.00	-0.78			



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-21

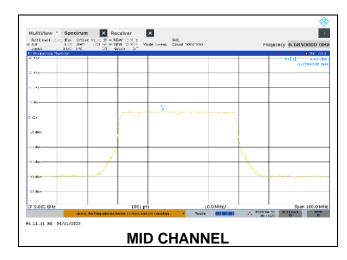
# (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd SD	
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	19.64	19.64	30.00	-10.36
Mid	6685	19.85	19.85	30.00	-10.15
High	6845	19.16	19.16	30.00	-10.84

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	4.58	4.58	5.00	-0.42
Mid	6685	4.45	4.45	5.00	-0.55
High	6845	4.40	4.40	5.00	-0.60



# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-19

# (NOTE: POWER and PSD were tested by radiated method)

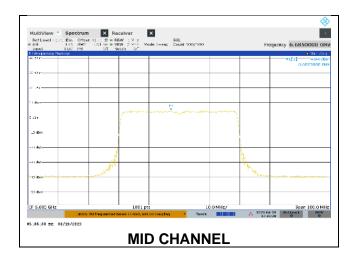
Duty Cycle CF (dB) 0.0	00 <b>l</b> ı	ncluded in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	19.70	19.70	30.00	-10.30
Mid	6685	19.91	19.91	30.00	-10.09
High	6845	20.46	20.46	30.00	-9.54

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	4.79	4.79	5.00	-0.21
Mid	6685	4.84	4.84	5.00	-0.16
High	6845	4.74	4.74	5.00	-0.26



DATE: 2023-09-19

## 9.4.22. 802.11be EHT40 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	23522 SI
Test Date:	2023-04-27

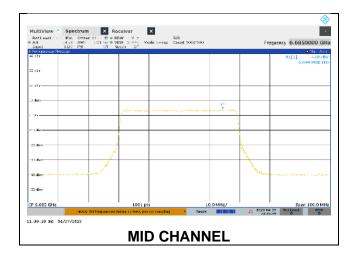
## (NOTE: POWER and PSD were tested by radiated method)

## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	19.75	19.75	30.00	-10.25
Mid	6685	19.32	19.32	30.00	-10.68
High	6845	19.65	19.65	30.00	-10.35

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	4.67	4.67	5.00	-0.33
Mid	6685	4.18	4.18	5.00	-0.82
High	6845	4.66	4.66	5.00	-0.34



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

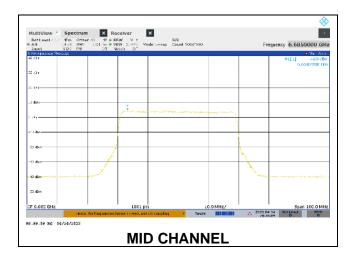
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	19.81	19.81	30.00	-10.19
Mid	6685	19.60	19.60	30.00	-10.40
High	6845	19.30	19.30	30.00	-10.70

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	4.39	4.39	5.00	-0.61
Mid	6685	4.63	4.63	5.00	-0.37
High	6845	4.33	4.33	5.00	-0.67



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-19

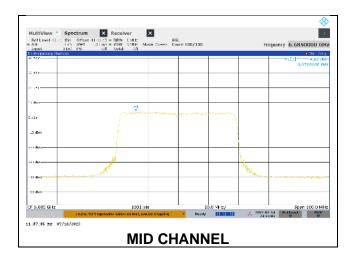
## (NOTE: POWER and PSD were tested by radiated method)

	Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	19.89	19.89	30.00	-10.11
Mid	6685	18.82	18.82	30.00	-11.18
High	6845	19.71	19.71	30.00	-10.29

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6565	4.69	4.69	5.00	-0.31
Mid	6685	4.12	4.12	5.00	-0.88
High	6845	4.54	4.54	5.00	-0.46



## 9.4.23. 802.11ax HE80 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-26

## (NOTE: POWER and PSD were tested by radiated method)

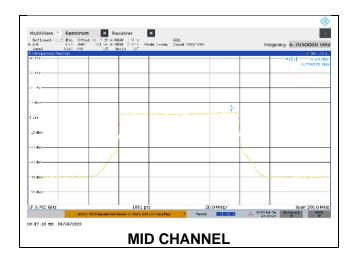
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD	
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### **Output Power Results**

Channel		Meas EIRP Power	Total Corr'd EIRP	Power Limit EIRP	Power Margin
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	22.83	22.83	30.00	-7.17
Straddle					
Mid	6705	22.59	22.59	30.00	-7.41
High	6865	23.71	23.71	30.00	-6.29
Straddle					

### **PSD Results**

	_				
Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	4.28	4.28	5.00	-0.72
Straddle					
Mid	6705	4.19	4.19	5.00	-0.81
High Straddle	6865	4.65	4.65	5.00	-0.35



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-21

# (NOTE: POWER and PSD were tested by radiated method)

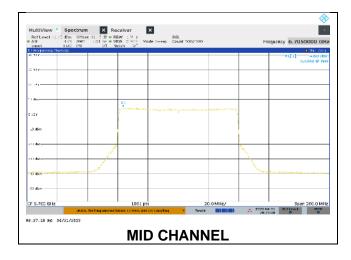
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	23.18	23.18	30.00	-6.82
Straddle					
Mid	6705	23.64	23.64	30.00	-6.36
High Straddle	6865	23.54	23.54	30.00	-6.46

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	4.23	4.23	5.00	-0.77
Straddle					
Mid	6705	4.60	4.60	5.00	-0.40
High	6865	4.38	4.38	5.00	-0.62
Straddle					



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-21

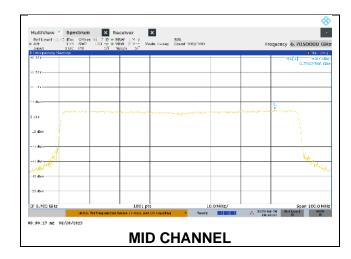
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	23.82	23.82	30.00	-6.18
Straddle					
Mid	6705	23.70	23.70	30.00	-6.30
High	6865	23.93	23.93	30.00	-6.07
Straddle					

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	4.80	4.80	5.00	-0.20
Straddle					
Mid	6705	4.87	4.87	5.00	-0.13
High Straddle	6865	4.67	4.67	5.00	-0.33



## 9.4.24. 802.11be EHT80 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-05-01

## (NOTE: POWER and PSD were tested by radiated method)

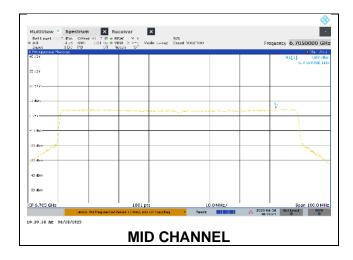
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	23.77	23.77	30.00	-6.23
Straddle					
Mid	6705	23.31	23.31	30.00	-6.69
High	6865	23.93	23.93	30.00	-6.07
Straddle					

#### **PSD Results**

I OD INCSU	1 OD Nesuks								
Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6545	4.77	4.77	5.00	-0.23				
Straddle									
Mid	6705	4.83	4.83	5.00	-0.17				
High	6865	4.72	4.72	5.00	-0.28				
Straddle									



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	SI 23522
Test Date:	2023-04-25

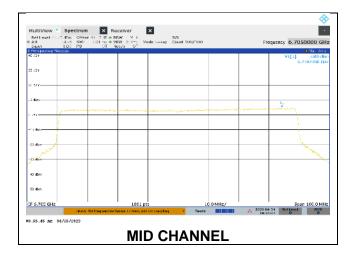
# (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.	00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	23.77	23.77	30.00	-6.23
Straddle					
Mid	6705	23.52	23.52	30.00	-6.48
High	6865	23.88	23.88	30.00	-6.12
Straddle					

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	4.78	4.78	5.00	-0.22
Straddle					
Mid	6705	4.80	4.80	5.00	-0.20
High	6865	4.66	4.66	5.00	-0.34
Straddle					



# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-21

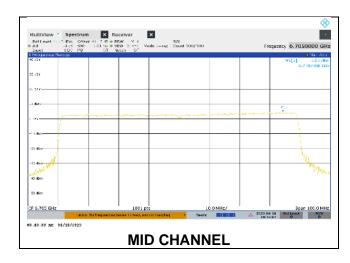
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.0	0	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	23.24	23.24	30.00	-6.76
Straddle					
Mid	6705	22.67	22.67	30.00	-7.33
High	6865	23.71	23.71	30.00	-6.29
Straddle					

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6545	4.53	4.53	5.00	-0.47
Straddle					
Mid	6705	4.54	4.54	5.00	-0.46
High Straddle	6865	4.55	4.55	5.00	-0.45



## 9.4.25. 802.11ax HE160 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-27

## (NOTE: **POWER** and **PSD** were tested by radiated method)

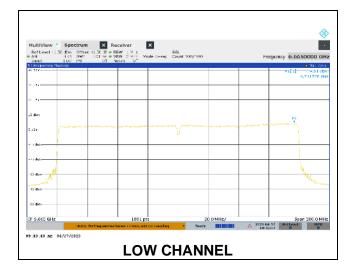
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6665	(dBm) 25.90	(dBm) 25.90	(dBm) 30.00	( <b>dB</b> ) -4.10

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6665	4.51	4.51	5.00	-0.49
Straddle	6825	4.64	4.64	5.00	-0.36



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-24

# (NOTE: POWER and PSD were tested by radiated method)

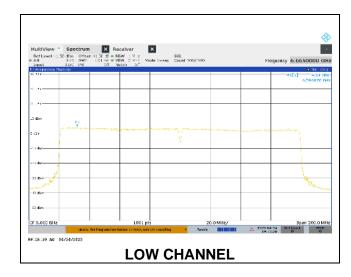
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD	
--	--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	/MILI-\	(dDm)	(dDm)	(dBm)	(AD)
	(MHz)	(dBm)	(dBm)	(ubili)	(dB)
Low	6665	26.06	26.06	30.00	-3.94

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6665	(dBm) 4.51	(dBm) 4.51	(dBm) 5.00	(dB) -0.49



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-20

## (NOTE: POWER and PSD were tested by radiated method)

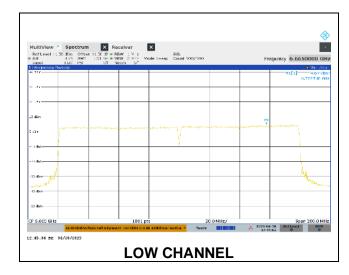
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
-------------------------	--

## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6665	(dBm) 26.38	(dBm) 26.38	(dBm) 30.00	(dB) -3.62

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6665	(dBm) 4.67	(dBm) 4.67	(dBm) 5.00	(dB) -0.33



DATE: 2023-09-19

# 9.4.26. 802.11be EHT160 MODE 4TX IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-28

## (NOTE: POWER and PSD were tested by radiated method)

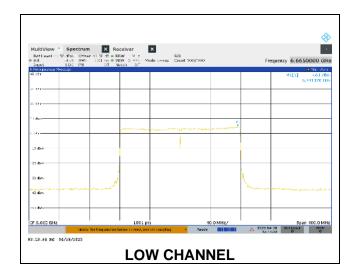
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD	
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6665	(dBm) 26.43	(dBm) 26.43	(dBm) 30.00	( <b>dB</b> ) -3.57

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	/= = · · ·		/ I \	(15.)	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6665	(dBm) 4.61	(dBm) 4.61	5.00	-0.39



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-25

## (NOTE: POWER and PSD were tested by radiated method)

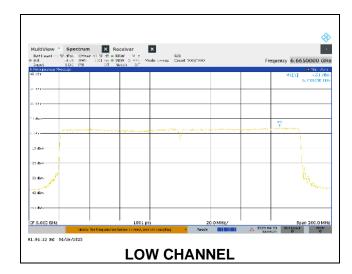
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
	(1411 12)	(abiii)	(abiii)	(abiii)	(42)
Low	6665	25.80	25.80	30.00	-4.20

### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
	` ,	(	()	()	(4.5)
Low	6665	4.51	4.51	5.00	-0.49



DATE: 2023-09-19

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-21

## (NOTE: POWER and PSD were tested by radiated method)

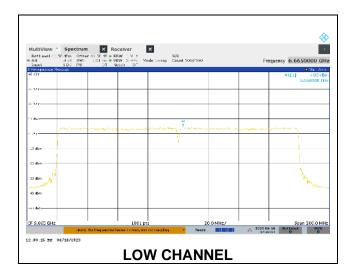
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6665	(dBm) 23.31	(dBm) 23.31	(dBm) 30.00	( <b>dB</b> ) -6.69

#### **PSD Results**

	. 02 .1000.10							
Channel	Frequency	Meas	Total	PSD	PSD			
		EIRP	Corr'd	Limit	Margin			
		PSD	PSD	EIRP				
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)			
Low	6665	4.95	4.95	5.00	-0.05			
Straddle	6825	4.71	4.71	5.00	-0.29			



DATE: 2023-09-19

## 9.4.27. 802.11be EHT320 MODE IN THE UNII-7 BAND

## 1TX Antenna 5 OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	23522 SI
Test Date:	2023-07-25

## (NOTE: POWER and PSD were tested by radiated method)

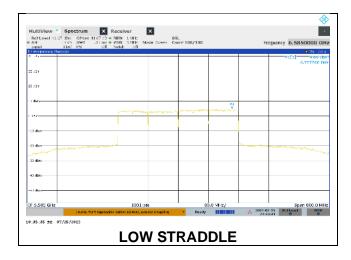
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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## **Output Power Results**

	output i on or itoodito					
Channel	Frequency	Meas	Total	Power	Power	
		EIRP	Corr'd	Limit	Margin	
		Power	EIRP	EIRP		
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)	
Low	6585	29.51	29.51	30.00	-0.49	
Straddle						
High	6745	29.24	29.24	30.00	-0.76	
Straddle						

#### **PSD Results**

I OD INCO	r OD Nosans						
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6585	4.66	4.66	5.00	-0.34		
Straddle							
High	6745	4.07	4.07	5.00	-0.93		
Straddle							



DATE: 2023-09-19

### 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	23522 SI
Test Date:	2023-07-26

## (NOTE: **POWER** and **PSD** were tested by radiated method)

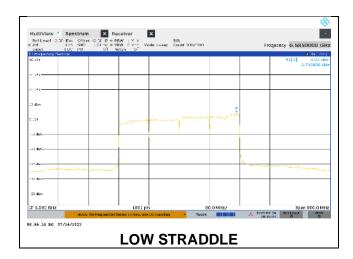
Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD	
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6585	29.52	29.52	30.00	-0.48
Straddle					
High	6745	28.56	28.56	30.00	-1.44
Straddle					

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD		
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6585	4.37	4.37	5.00	-0.63
Straddle					
High	6745	4.27	4.27	5.00	-0.73
Straddle					



DATE: 2023-09-19

## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	23522 SI
Test Date:	2023-07-26

## (NOTE: POWER and PSD were tested by radiated method)

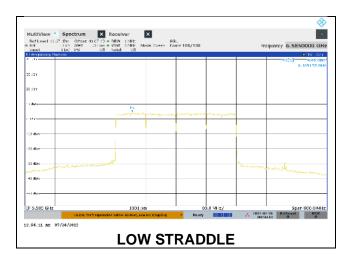
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6585	29.45	29.45	30.00	-0.55
Straddle					
High	6745	29.36	29.36	30.00	-0.64
Straddle					

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6585	4.45	4.45	5.00	-0.55
Straddle					
High	6745	4.55	4.55	5.00	-0.45
Straddle					



DATE: 2023-09-19

## 9.4.28. 802.11ax HE20 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-05-10 to 2023-08-07

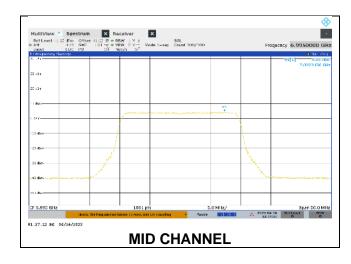
## (NOTE: **POWER** and **PSD** were tested by radiated method)

Duty Cycle CF (dB) 0.00 Included in Calculations of Corr'd PSD
--

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6895	17.11	17.11	30.00	-12.89
Mid	6995	17.11	17.11	30.00	-12.89
High	7095	17.18	17.18	30.00	-12.82
High	7115	9.21	9.21	30.00	-20.79

. 02	. OD NOOMIO						
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6895	4.57	4.57	5.00	-0.43		
Mid	6995	4.55	4.55	5.00	-0.45		
High	7095	4.80	4.80	5.00	-0.20		
High	7115	-4.09	-4.09	5.00	-9.09		



### 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-20 to 2023-08-07

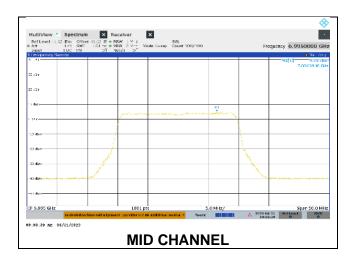
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas EIRP Power	Total Corr'd EIRP	Power Limit EIRP	Power Margin
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6895	16.73	16.73	30.00	-13.27
Mid	6995	16.93	16.93	30.00	-13.07
High	7095	17.07	17.07	30.00	-12.93
High	7115	10.11	10.11	30.00	-19.89

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP PSD	Corr'd PSD	Limit EIRP	Margin
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6895	4.70	4.70	5.00	-0.30
Mid	6995	4.78	4.78	5.00	-0.22
Hlgh	7095	4.71	4.71	5.00	-0.29
High	7115	-2.10	-2.10	5.00	-7.10



## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-20 to 2023-08-07

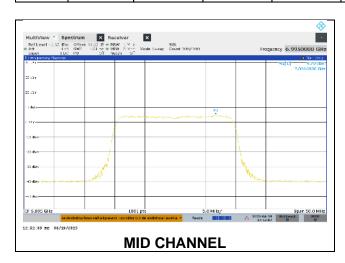
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
-------------------------	--

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6895	17.33	17.33	30.00	-12.67
Mid	6995	17.00	17.00	30.00	-13.00
High	7095	16.77	16.77	30.00	-13.23
High	7115	13.09	13.09	30.00	-16.91

Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6895	4.91	4.91	5.00	-0.09		
Mid	6995	4.79	4.79	5.00	-0.21		
High	7095	4.63	4.63	5.00	-0.37		
High	7115	0.91	0.91	5.00	-4.09		



## 9.4.29. 802.11be EHT20 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-05-10 to 2023-08-07

## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6895	16.55	16.55	30.00	-13.45
Mid	6995	16.71	16.71	30.00	-13.29
High	7095	17.39	17.39	30.00	-12.61
High	7115	9.53	9.53	30.00	-20.47

#### **PSD Results**

	. OD NOGARO								
Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6895	4.10	4.10	5.00	-0.90				
Mid	6995	4.12	4.12	5.00	-0.88				
High	7095	4.57	4.57	5.00	-0.43				
High	7115	-2.75	-2.75	5.00	-7.75				



DATE: 2023-09-19

### 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-24 to 2023-08-07

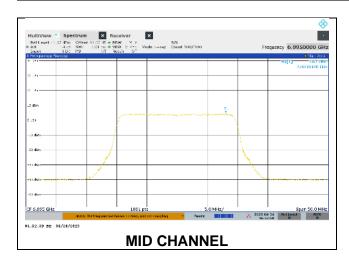
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas EIRP Power	Total Corr'd EIRP	Power Limit EIRP	Power Margin
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6895	17.66	17.66	30.00	-12.34
Mid	6995	17.08	17.08	30.00	-12.92
High	7095	16.96	16.96	30.00	-13.04
High	7115	9.71	9.71	30.00	-20.29

	. ez iteata								
Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6895	4.38	4.38	5.00	-0.62				
Mid	6995	4.67	4.67	5.00	-0.33				
High	7095	4.70	4.70	5.00	-0.30				
High	7115	-2.90	-2.90	5.00	-7.90				



## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

Test Engineer:	CW 20756
Test Date:	2023-04-17 to 2023-08-07

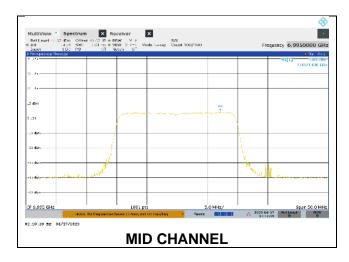
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6895	17.07	17.07	30.00	-12.93
Mid	6995	16.67	16.67	30.00	-13.33
High	7095	17.41	17.41	30.00	-12.59
High	7115	11.90	11.90	30.00	-18.10

1 OD NOOMIO								
Channel	Frequency	Meas	Total	PSD	PSD			
		EIRP	Corr'd	Limit	Margin			
		PSD	PSD	EIRP				
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)			
Low	6895	4.82	4.82	5.00	-0.18			
Mid	6995	4.83	4.83	5.00	-0.17			
High	7095	4.82	4.82	5.00	-0.18			
High	7115	-0.34	-0.34	5.00	-5.34			



### 9.4.30. 802.11ax HE40 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-26

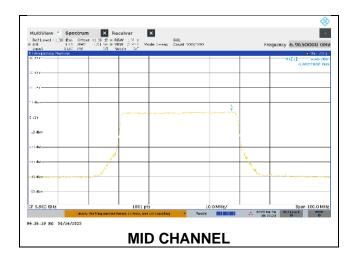
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00 Included in Calculations of	Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	19.61	19.61	30.00	-10.39
Straddle					
Mid	6965	19.15	19.15	30.00	-10.85
High	7085	19.45	19.45	30.00	-10.55

I OD Nesu	1 OD Nesulis						
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6885	4.59	4.59	5.00	-0.41		
Straddle							
Mid	6965	4.46	4.46	5.00	-0.54		
High	7085	4.46	4.46	5.00	-0.54		



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-21

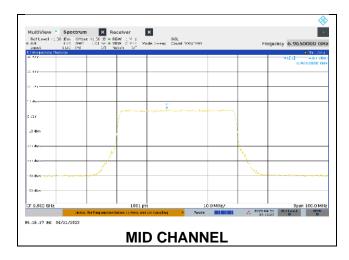
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	19.81	19.81	30.00	-10.19
Straddle					
Mid	6965	20.00	20.00	30.00	-10.00
High	7085	18.97	18.97	30.00	-11.03

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low Straddle	6885	4.60	4.60	5.00	-0.40
Mid	6965	4.67	4.67	5.00	-0.33
High	7085	4.15	4.15	5.00	-0.85



## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-19

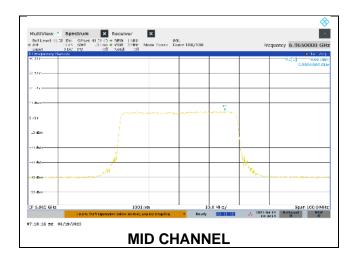
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	19.37	19.37	30.00	-10.63
Straddle					
Mid	6965	19.58	19.58	30.00	-10.42
High	7085	19.42	19.42	30.00	-10.58

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low Straddle	6885	4.20	4.20	5.00	-0.80
Mid	6965	4.66	4.66	5.00	-0.34
High	7085	4.43	4.43	5.00	-0.57



### 9.4.31. 802.11be EHT40 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-28

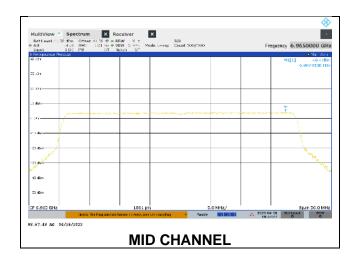
## (NOTE: **POWER** and **PSD** were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	19.96	19.96	30.00	-10.04
Straddle					
Mid	6965	19.92	19.92	30.00	-10.08
High	7085	19.84	19.84	30.00	-10.16

I SD Nesu	1 OD Nesulis								
Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6885	4.87	4.87	5.00	-0.13				
Straddle									
Mid	6965	4.64	4.64	5.00	-0.36				
High	7085	4.85	4.85	5.00	-0.15				



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-24

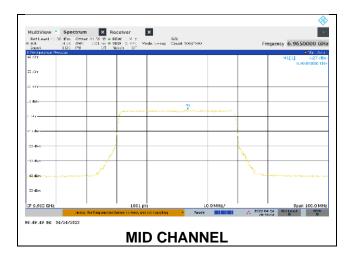
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	19.59	19.59	30.00	-10.41
Straddle					
Mid	6965	19.65	19.65	30.00	-10.35
High	7085	19.04	19.04	30.00	-10.96

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	4.48	4.48	5.00	-0.52
Straddle					
Mid	6965	4.27	4.27	5.00	-0.73
High	7085	4.28	4.28	5.00	-0.72



## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	SI 23522
Test Date:	2023-04-17

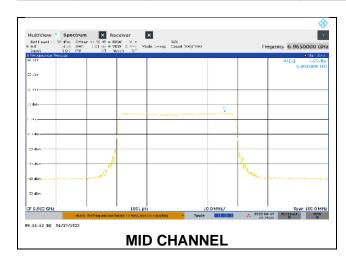
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	19.57	19.57	30.00	-10.43
Straddle					
Mid	6965	19.66	19.66	30.00	-10.34
High	7085	19.33	19.33	30.00	-10.67

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6885	4.78	4.78	5.00	-0.22
Straddle					
Mid	6965	4.55	4.55	5.00	-0.45
High	7085	4.50	4.50	5.00	-0.50



## 9.4.32. 802.11ax HE80 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-27

## (NOTE: **POWER** and **PSD** were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	<b>(MHz)</b> 6945	(dBm) 23.66	(dBm) 23.66	(dBm) 30.00	( <b>dB</b> ) -6.34

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
	00.45	1 0			0.04
Low	6945	4.76	4.76	5.00	-0.24



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-21

## (NOTE: POWER and PSD were tested by radiated method)

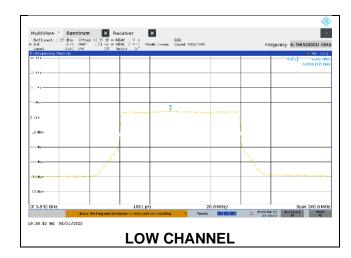
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	<i></i>		( \		
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6945	23.99	23.99	30.00	-6.01

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	/M/LI=\	(dDm)	(dDm)	(dDm)	(AD)
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6945	4.45	4.45	5.00	-0.55



DATE: 2023-09-19

## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-20

## (NOTE: POWER and PSD were tested by radiated method)

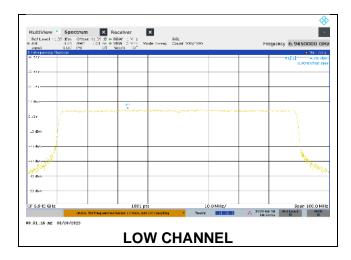
|--|

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6945	(dBm) 24.03	(dBm) 24.03	(dBm) 30.00	( <b>dB)</b> -5.97

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6945	4.76	4.76	5.00	-0.24		
High	7025	4.53	4.53	5.00	-0.47		



DATE: 2023-09-19

## 9.4.33. 802.11be EHT80 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-28

## (NOTE: POWER and PSD were tested by radiated method)

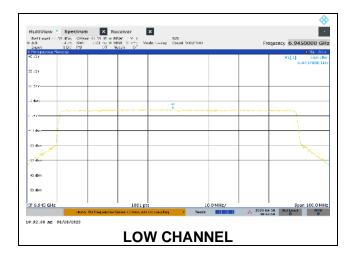
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6945	(dBm) 23.48	(dBm) 23.48	(dBm) 30.00	( <b>dB</b> ) -6.52

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6945	(dBm) 4.66	(dBm) 4.66	(dBm) 5.00	(dB) -0.34



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-25

## (NOTE: POWER and PSD were tested by radiated method)

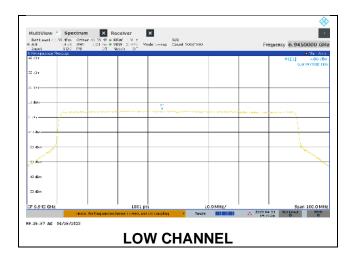
Duty Cycle CF (dB) 0.0	0 Included i	n Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	(MHz) 6945	(dBm) 23.88	(dBm) 23.88	(dBm) 30.00	( <b>dB</b> ) -6.12

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6945	4.86	4.86	5.00	-0.14



DATE: 2023-09-19

## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	CW 20756
Test Date:	2023-04-18

## (NOTE: POWER and PSD were tested by radiated method)

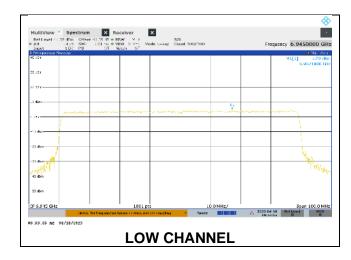
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD

#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	<b>(MHz)</b> 6945	(dBm) 23.24	(dBm) 23.24	(dBm) 30.00	( <b>dB</b> ) -6.76

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6945	4.79	4.79	5.00	-0.21
High	7025	4.87	4.87	5.00	-0.13



DATE: 2023-09-19

9.4.34.

## 802.11ax HE160 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-27

## (NOTE: POWER and PSD were tested by radiated method)

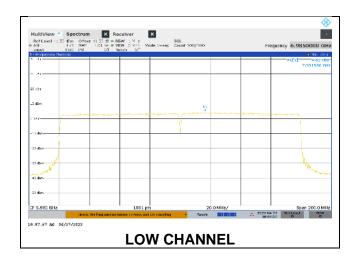
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6985	26.26	26.26	30.00	-3.74

#### **PSD** Results

1 OD Nesauts							
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6985	4.82	4.82	5.00	-0.18		



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-24

## (NOTE: **POWER** and **PSD** were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd	PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6985	26.34	26.34	30.00	-3.66

1 OD Results							
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6985	4.67	4.67	5.00	-0.33		



## O OFDMA MODE: 2x 996-Tones Index

DATE: 2023-09-19

IC: 20631-711917312

# 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-27

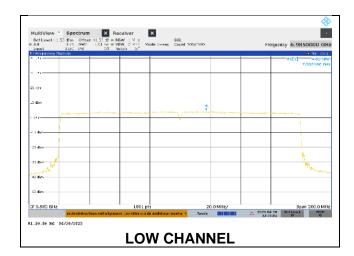
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD	
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6985	26.58	26.58	30.00	-3.42

1 3D Results							
Channel	Frequency	Meas	Total	PSD	PSD		
		EIRP	Corr'd	Limit	Margin		
		PSD	PSD	EIRP			
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)		
Low	6985	4.82	4.82	5.00	-0.18		



## 9.4.35. 802.11be EHT160 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-28

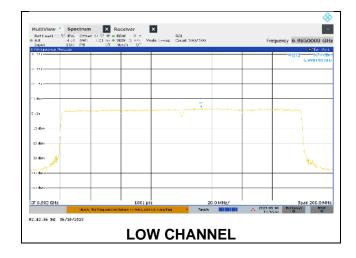
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6985	25.71	25.71	30.00	-4.29

1 OD Results									
Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6985	3.74	3.74	5.00	-1.26				



## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-25

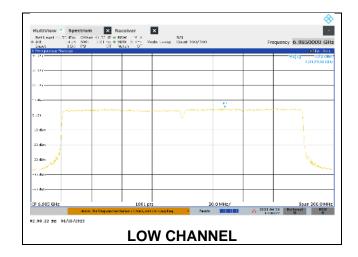
## (NOTE: POWER and PSD were tested by radiated method)

Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd SD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power				
		EIRP C	Corr'd	Limit	Margin				
		Power	EIRP	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6985	26.73	26.73	30.00	-3.27				

Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6985	4.71	4.71	5.00	-0.29				



## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

Test Engineer:	CW 20756
Test Date:	2023-04-18

## (NOTE: POWER and PSD were tested by radiated method)

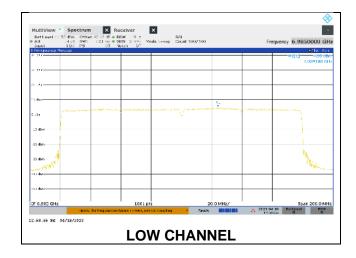
Duty Cycle CF (dB) 0.0	00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6985	22.89	22.89	30.00	-7.11

#### **PSD Results**

1 OD Nesans									
Channel	Frequency	Meas	Total	PSD	PSD				
		EIRP	Corr'd	Limit	Margin				
		PSD	PSD	EIRP					
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)				
Low	6985	4.93	4.93	5.00	-0.07				



DATE: 2023-09-19

## 9.4.36. 802.11be EHT320 MODE IN THE UNII-8 BAND

## 1TX Antenna 5 OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 20756
Test Date:	2023-08-28

## (NOTE: POWER and PSD were tested by radiated method)

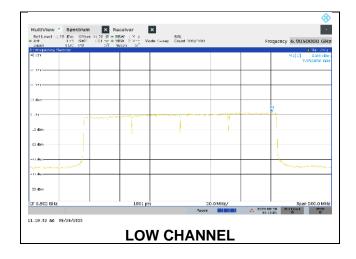
Duty Cycle CF (dB) 0	0.00	Included in Calculations of Corr'd PSD
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### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6905	26.22	26.22	30.00	-3.78

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Low	6905	1.84	1.84	5.00	-3.16



DATE: 2023-09-19

## 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 20756
Test Date:	2023-05-11

## (NOTE: POWER and PSD were tested by radiated method)

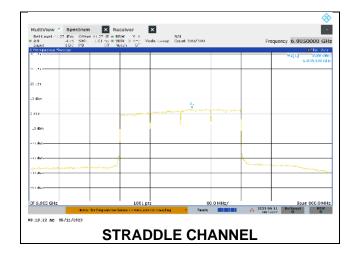
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6905	27.83	27.83	30.00	-2.17

#### **PSD Results**

Channel	Frequency	Meas	Total	PSD	PSD
		EIRP	Corr'd	Limit	Margin
		PSD	PSD	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6905	3.38	3.38	5.00	-1.62



DATE: 2023-09-19

## 4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 CDD OFDMA MODE: 4x 996-Tones, Index S69

Test Engineer:	CW 20756
Test Date:	2023-07-27

## (NOTE: POWER and PSD were tested by radiated method)

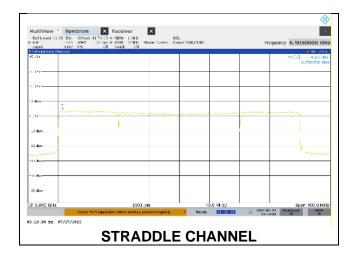
Duty Cycle CF (dB) 0.00	Included in Calculations of Corr'd PSD
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#### **Output Power Results**

Channel	Frequency	Meas	Total	Power	Power
		EIRP	Corr'd	Limit	Margin
		Power	EIRP	EIRP	
	(MHz)	(dBm)	(dBm)	(dBm)	(dB)
Straddle	6905	26.64	26.64	30.00	-3.36

### **PSD** Results

•	02					
(	Channel	Frequency	Meas	Total	PSD	PSD
			EIRP	Corr'd	Limit	Margin
			PSD	PSD	EIRP	
		(MHz)	(dBm)	(dBm)	(dBm)	(dB)
	Straddle	6905	4.13	4.13	5.00	-0.87



DATE: 2023-09-19

# 9.5. SPURIOUS EMMISSIONS IN-BAND – EMISSION MASK LIMITS

FCC §15.407

(6) For transmitters operating within the 5.925-7.125 GHz bands: power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

### **RSS-248**

- 4.6.2 b. e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz band shall be attenuated (in dB) below the reference power spectral density by:
- i. 20 dB at 1 MHz away from the channel edges
- ii. a value, linearly interpolated in a dB scale, between 20 dB and 28 dB at frequencies between 1 MHz outside of channel edges and 1 channel bandwidth away from the operating channel centre, respectively
- iii. 28 dB at 1 channel bandwidth away from the operating channel centre
- iv. a value, linearly interpolated in a dB scale, between 28 dB and 40 dB at frequencies between 1 channel bandwidth away from the operating channel centre and 1.5 times the channel bandwidth away from the operating channel centre, respectively
- v. 40 dB at 1.5 times the channel bandwidth away from the operating channel centre
- vi. a minimum of 40 dB at frequencies that are further away than 1.5 times the channel bandwidth from the operating channel centre

### **TEST PROCEDURE**

Per KDB 987594 D02 v01r01, Section J

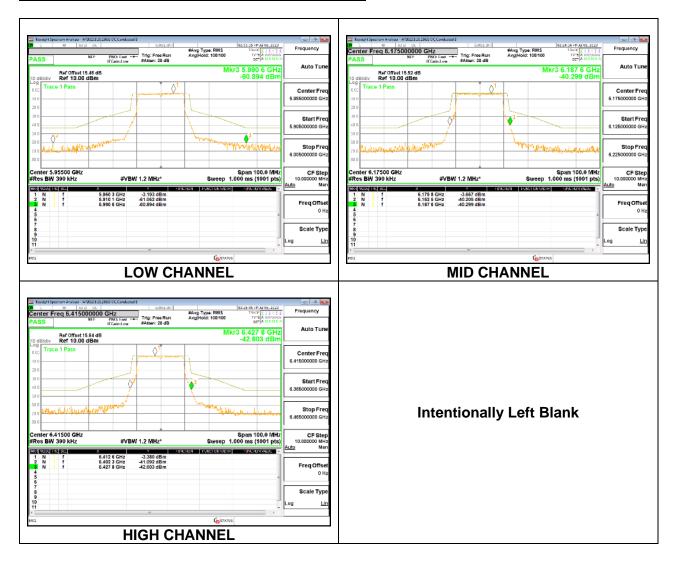
Note: EUT does not support punctured channels

#### RESULTS

DATE: 2023-09-19

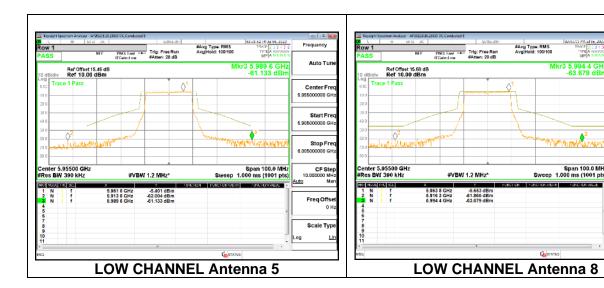
### 9.5.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

### 1TX Antenna 5 OFDMA MODE: 242-Tones, RU Index 61

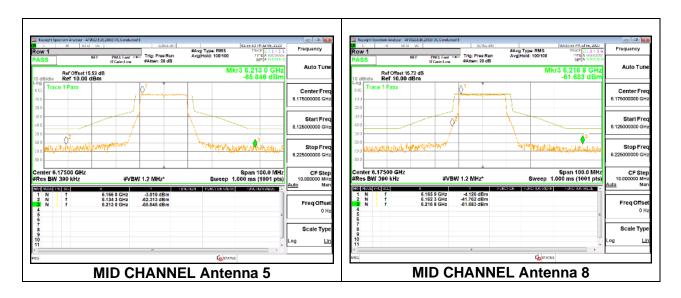


### 2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 242-Tones, RU Index 61

## **LOW CHANNEL**



#### MID CHANNEL



Mkr3 5.994 4 GH -63.679 dBr

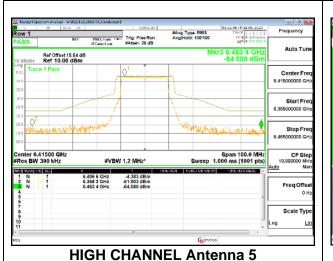
Center Fre

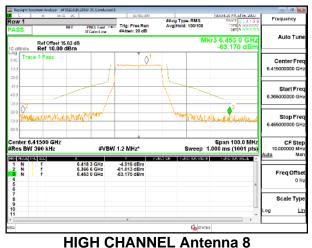
Stop Fre

CF Step 10.000000 MH

Scale Typ

### **HIGH CHANNEL**

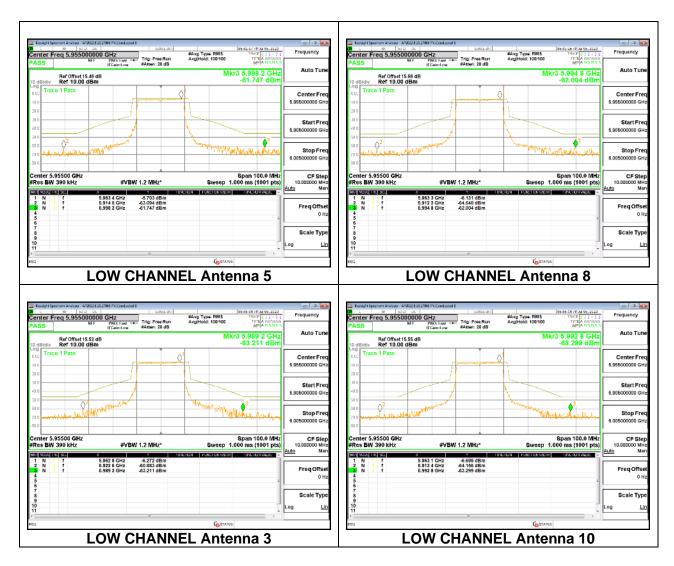




DATE: 2023-09-19

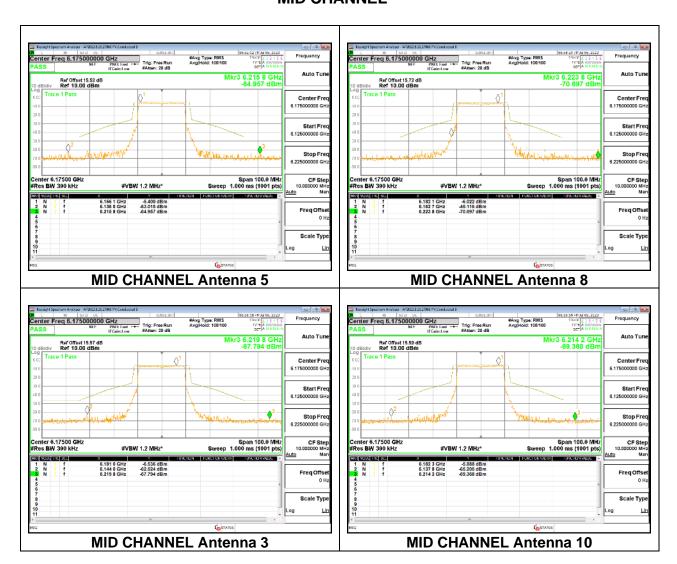
## 4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 242-Tones, RU Index 61

## **LOW CHANNEL**



DATE: 2023-09-19

## **MID CHANNEL**



DATE: 2023-09-19