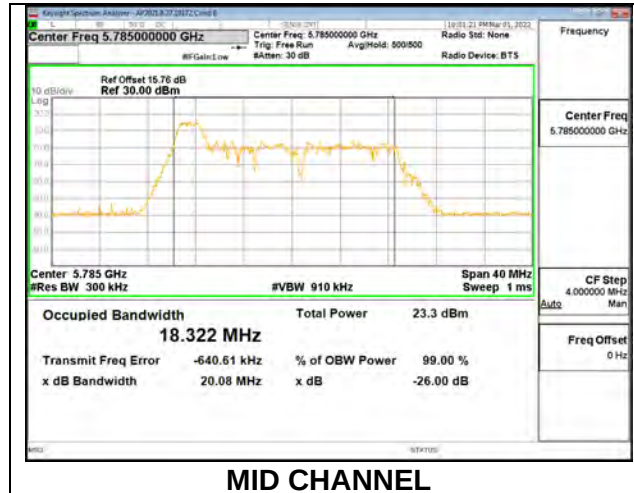


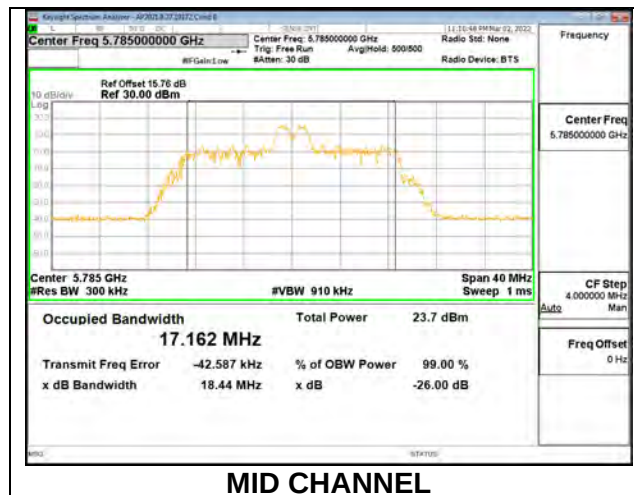
9.2.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	18.418
Mid	5785	18.322
High	5825	18.421

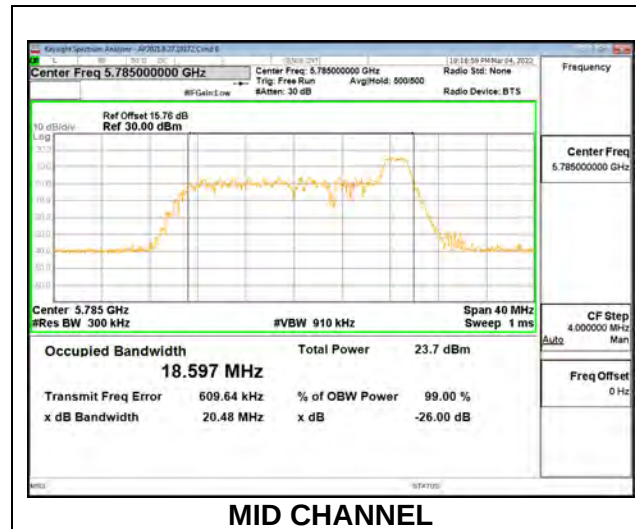
**1TX Antenna 6 MODE: 26 Tones, RU Index 4**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.105
Mid	5785	17.162
High	5825	17.219

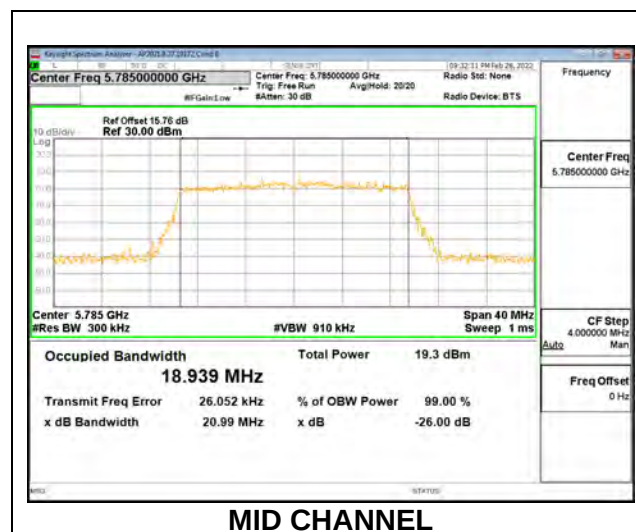


1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	18.557
Mid	5785	18.597
High	5825	18.562

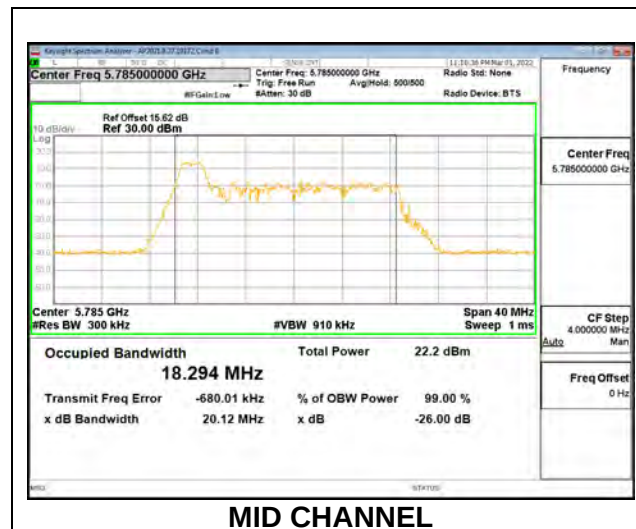
**1TX Antenna 6 MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	18.907
Mid	5785	18.939
High	5825	18.873

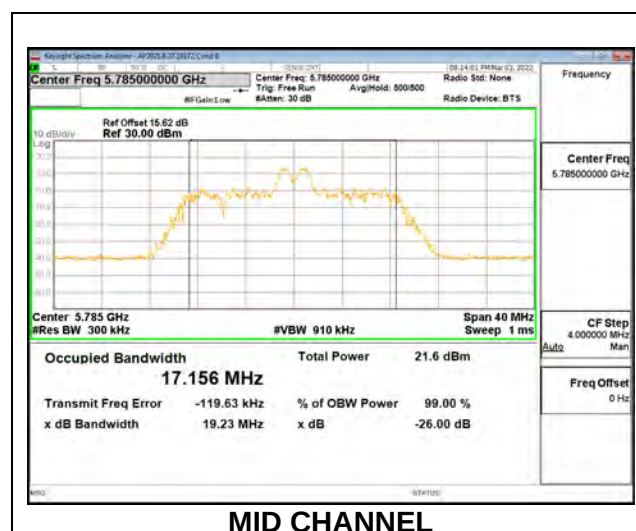


1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	18.351
Mid	5785	18.294
High	5825	18.373

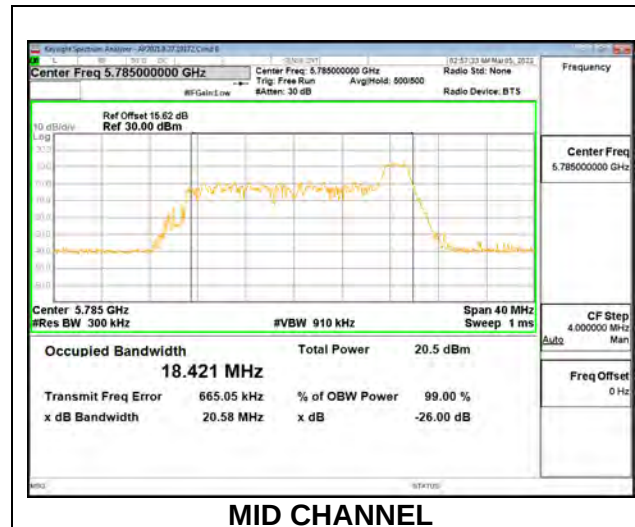
**1TX Antenna 5 MODE: 26 Tones, RU Index 4**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.056
Mid	5785	17.156
High	5825	17.160

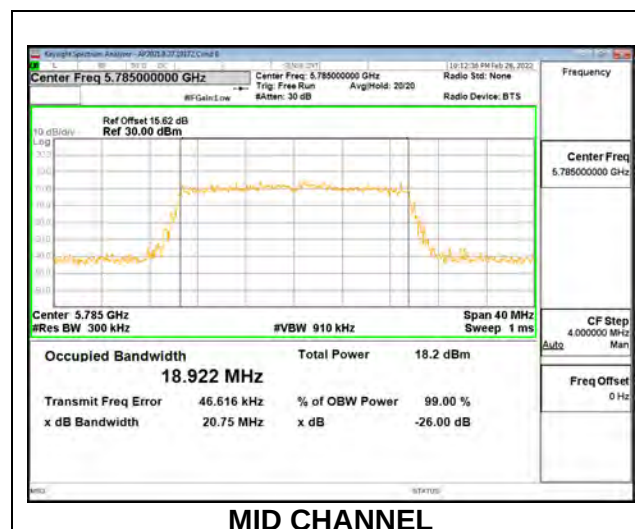


1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	18.629
Mid	5785	18.421
High	5825	18.447

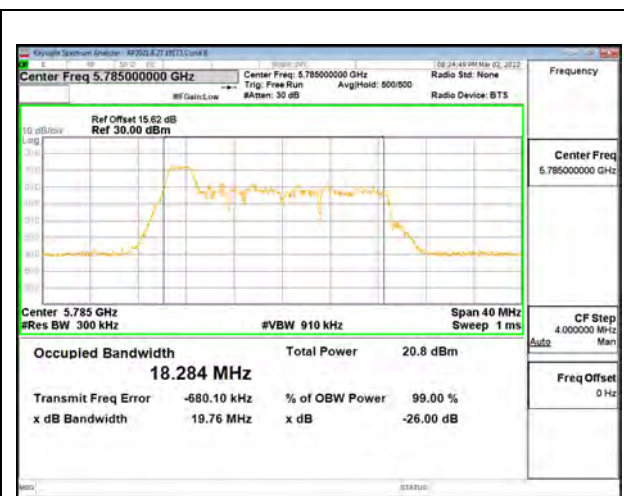
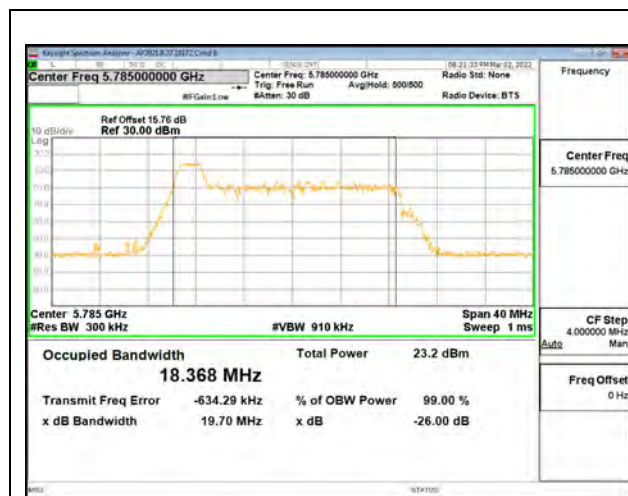
**1TX Antenna 5 MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	18.942
Mid	5785	18.922
High	5825	18.915

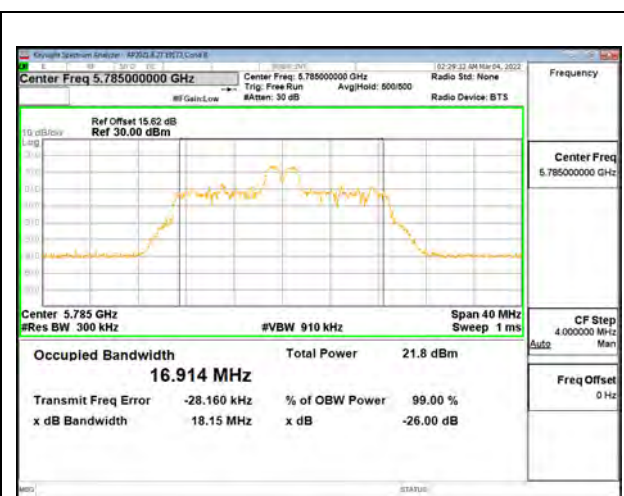
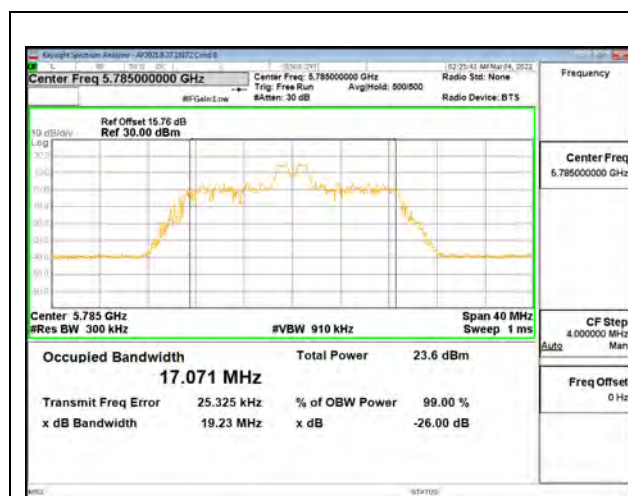


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	18.376	18.295
Mid	5785	18.368	18.284
High	5825	18.358	18.336

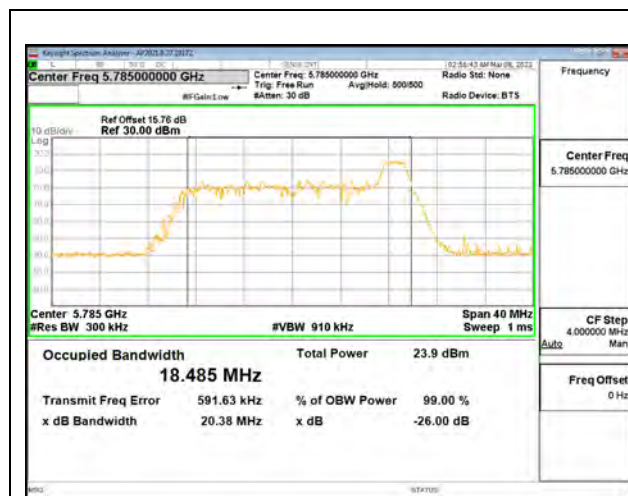
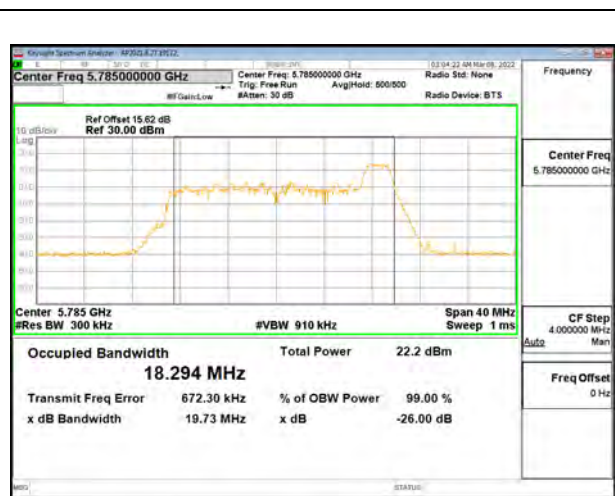
**2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 4**

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	17.004	16.933
Mid	5785	17.071	16.914
High	5825	16.918	16.925

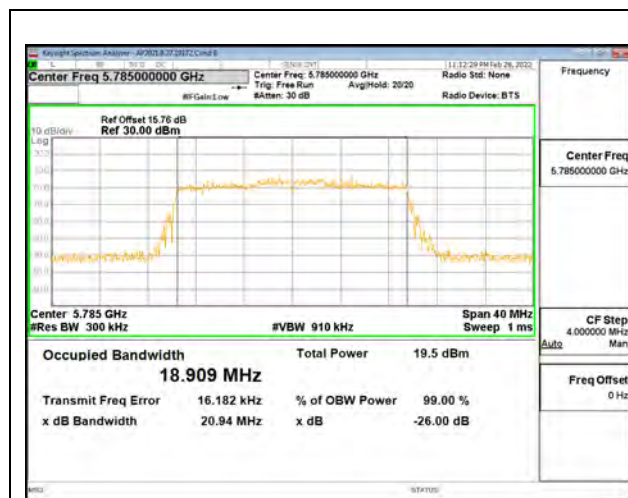
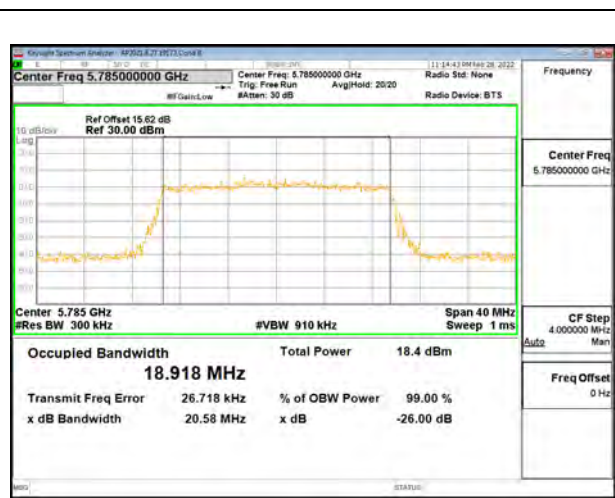


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	18.551	18.282
Mid	5785	18.485	18.294
High	5825	18.569	18.385

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: SU Mode**

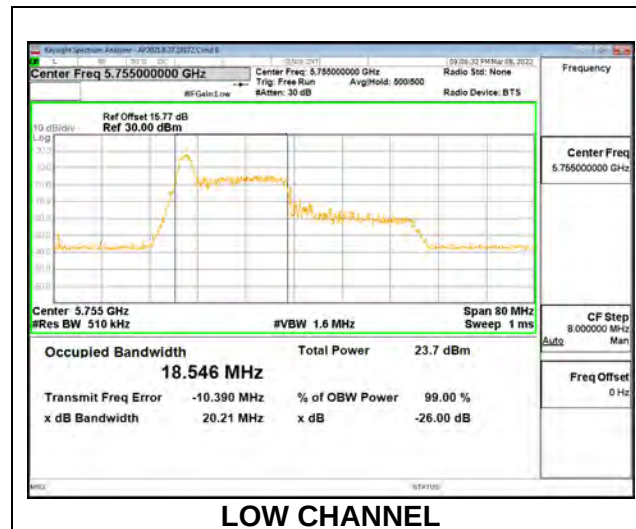
Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	18.947	18.920
Mid	5785	18.909	18.918
High	5825	18.947	18.917

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

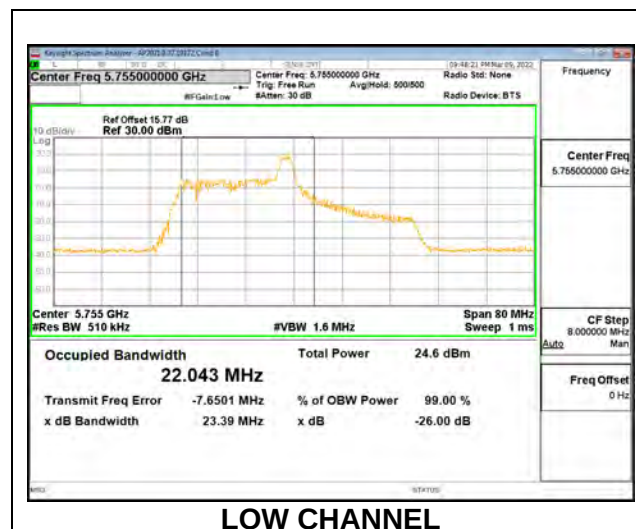
9.2.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.546
High	5795	18.739

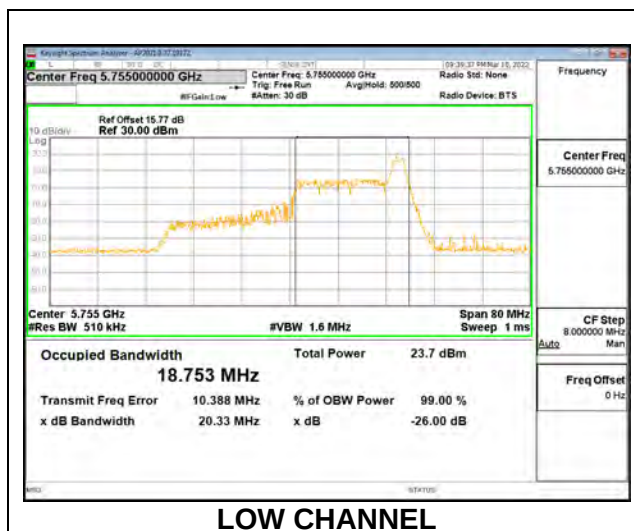
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	22.043
High	5795	22.059

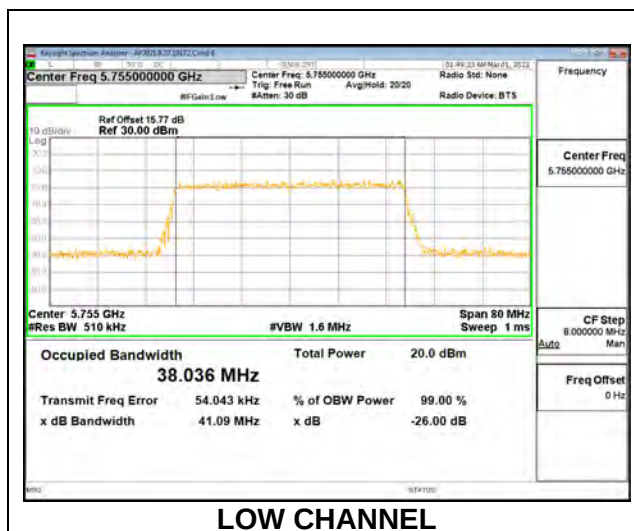


1TX Antenna 6 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.753
High	5795	18.900

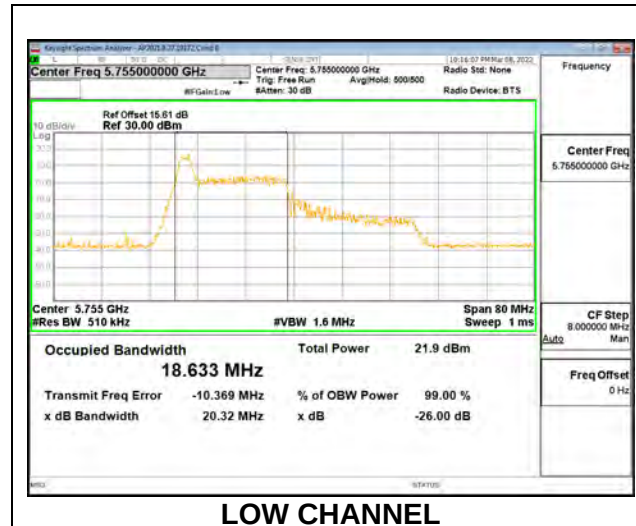
**1TX Antenna 6 MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	38.036
High	5795	37.919

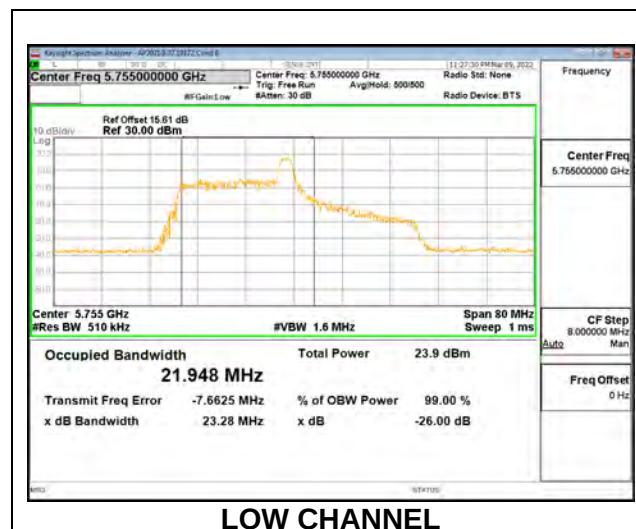


1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.633
High	5795	18.719

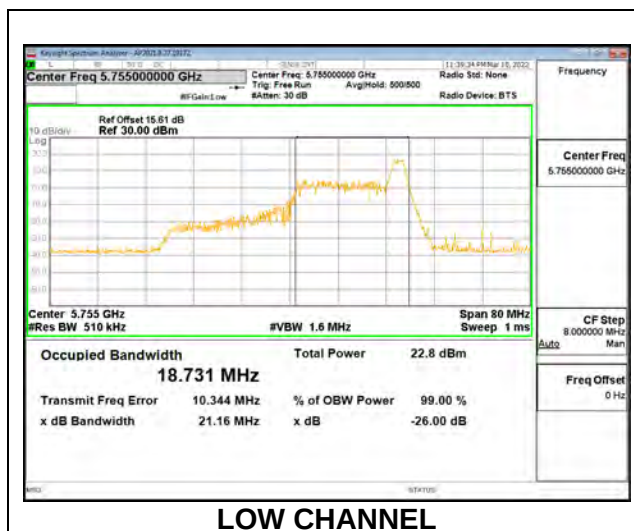
**1TX Antenna 5 MODE: 26 Tones, RU Index 8**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	21.948
High	5795	22.011

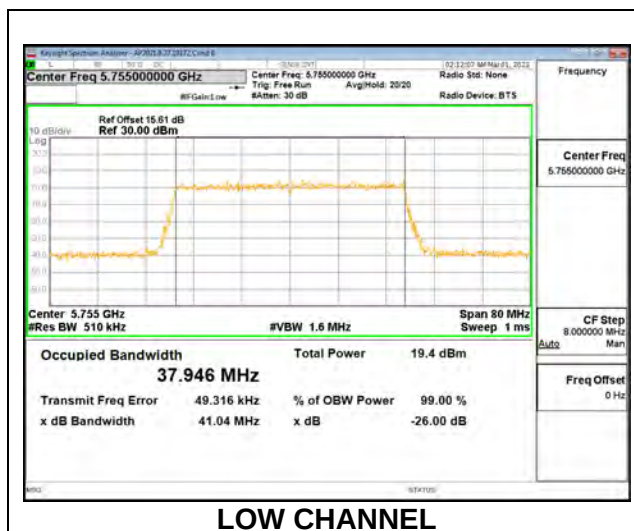


1TX Antenna 5 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.731
High	5795	18.889

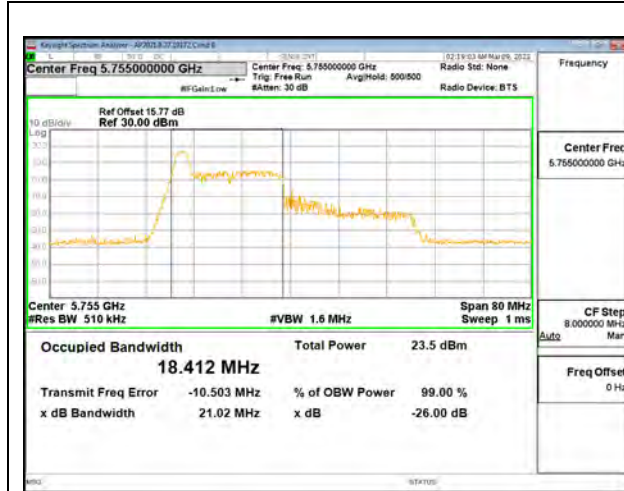
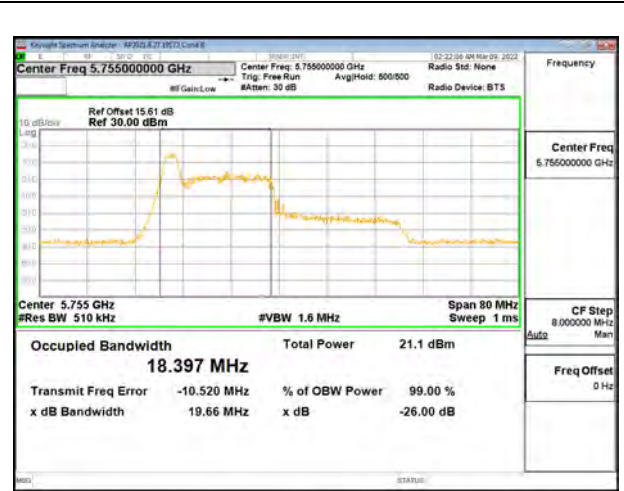
**1TX Antenna 5 MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	37.946
High	5795	37.933

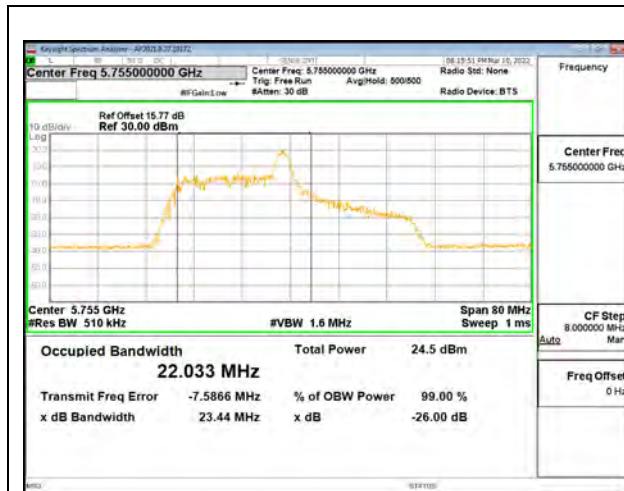
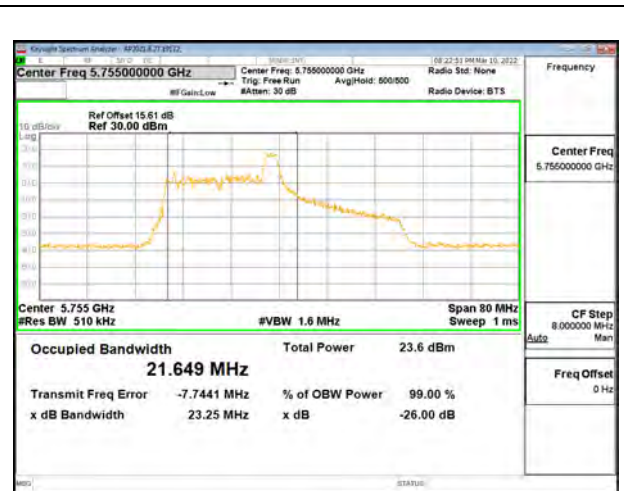


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	18.412	18.397
High	5795	18.472	18.315

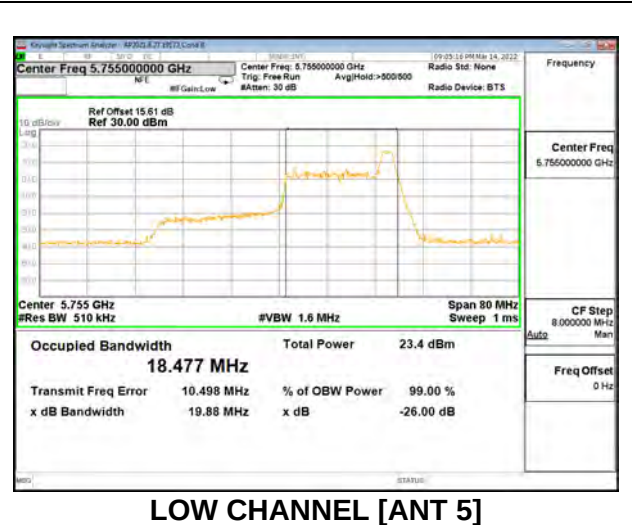
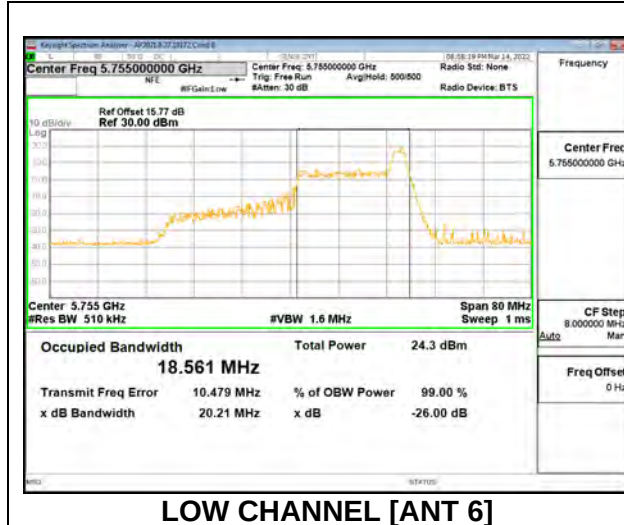
**LOW CHANNEL [ANT 6]****LOW CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 8**

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	22.033	21.649
High	5795	21.911	21.691

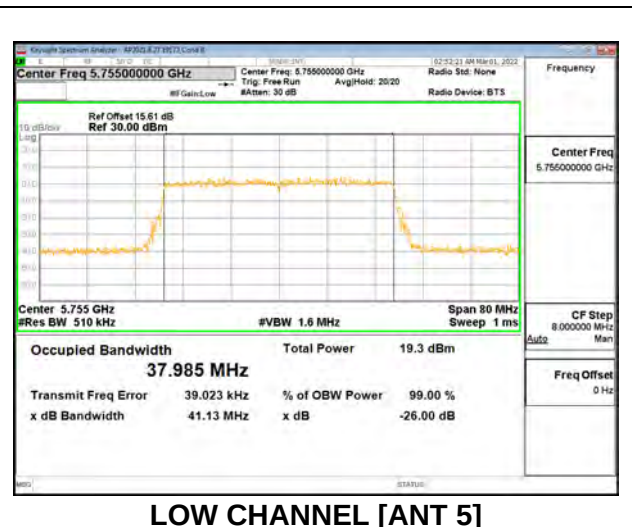
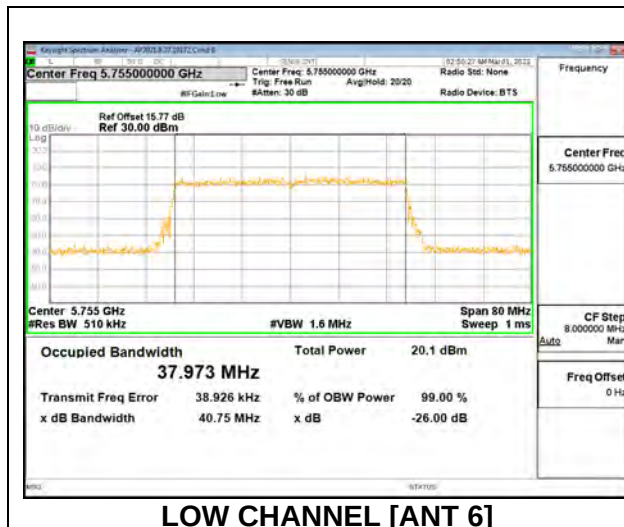
**LOW CHANNEL [ANT 6]****LOW CHANNEL [ANT 5]**

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	18.561	18.477
High	5795	18.785	18.442

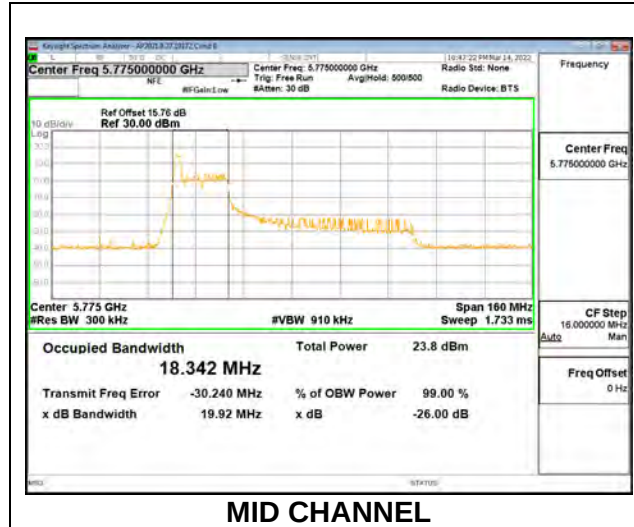
**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	37.973	37.985
High	5795	37.953	37.958



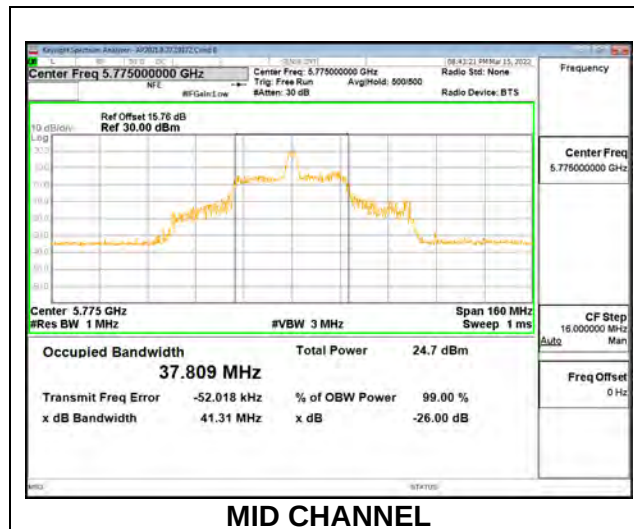
9.2.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.342



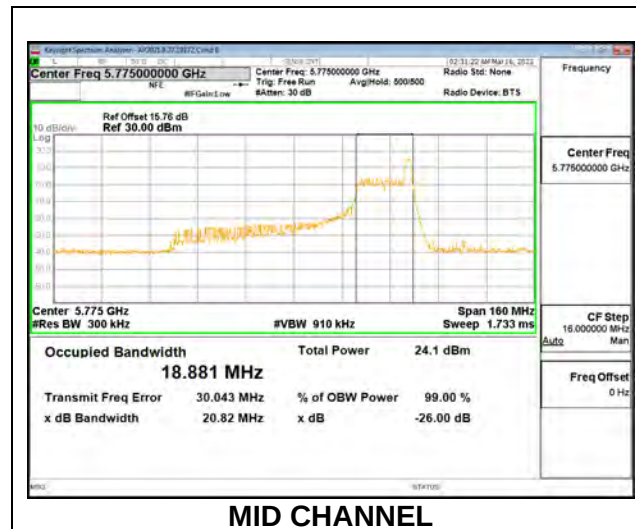
1TX Antenna 6 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	37.809

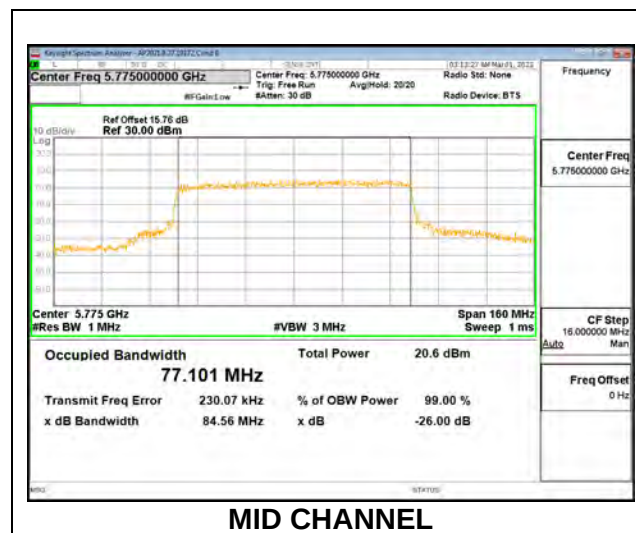


1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.881

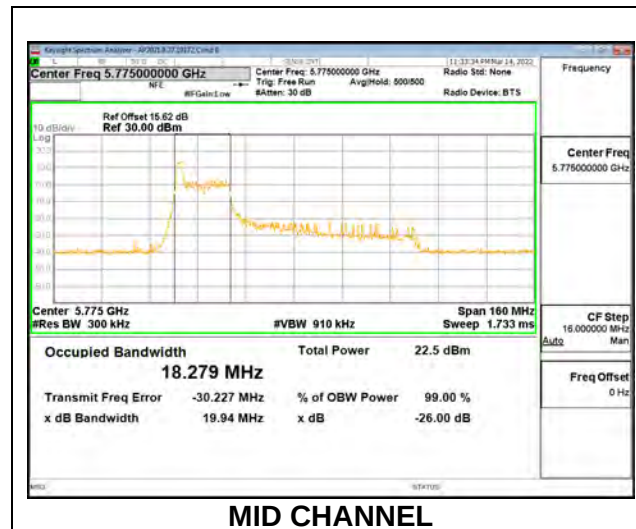
**1TX Antenna 6 MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	77.101

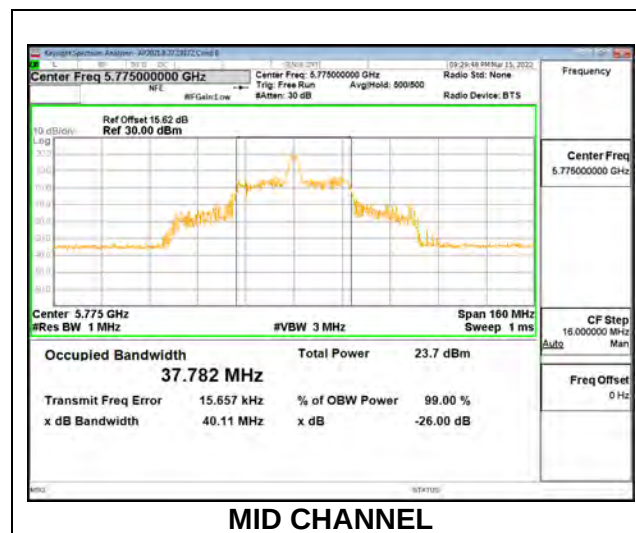


1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.279

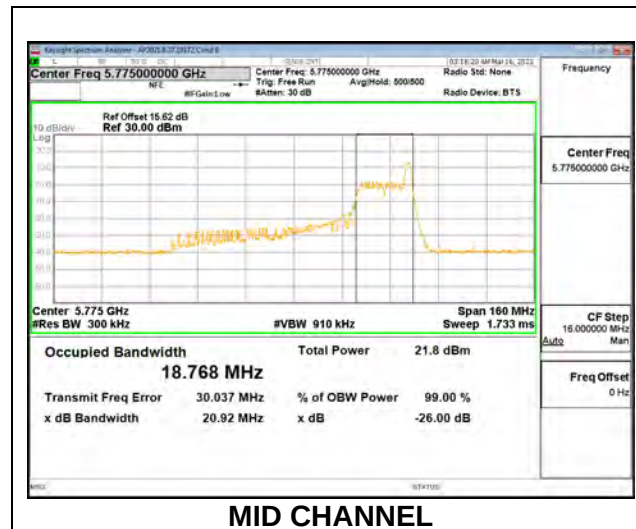
**1TX Antenna 5 MODE: 26 Tones, RU Index 18**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	37.782

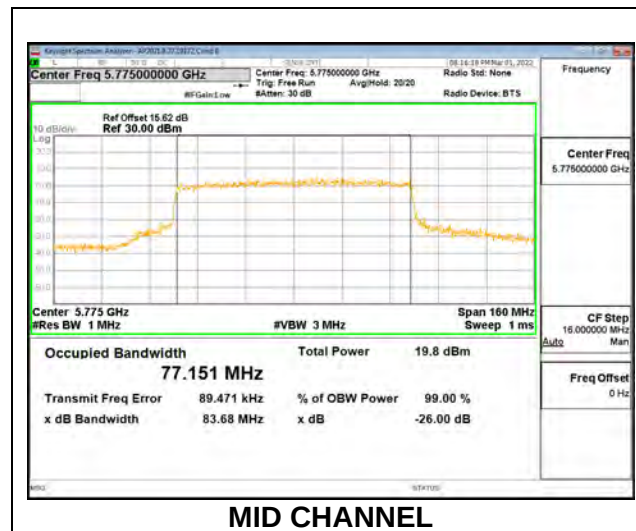


1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.768

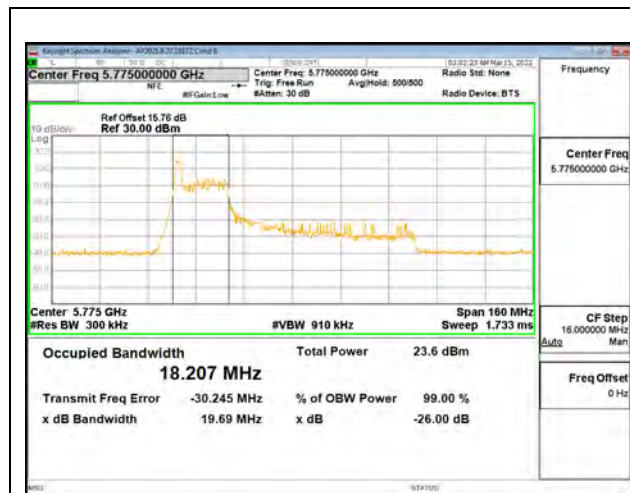
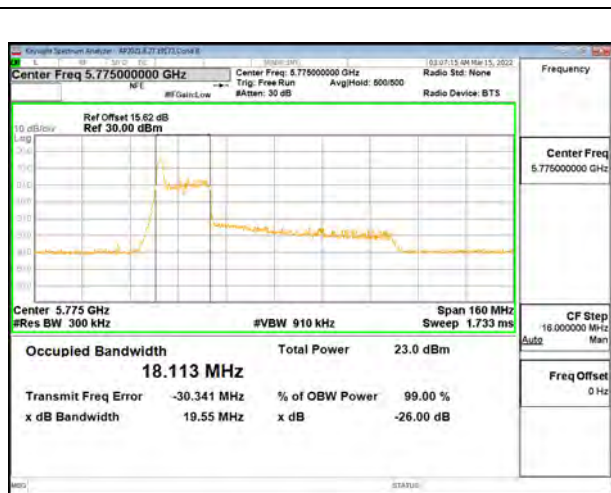
**1TX Antenna 5 MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	77.151

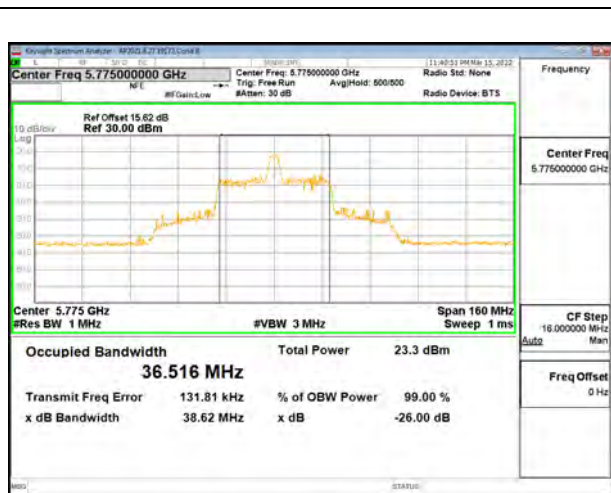


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	18.207	18.113

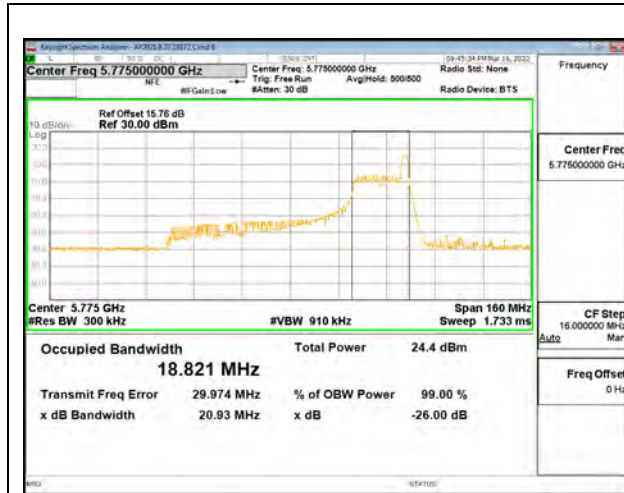
**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 18**

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	37.811	36.516

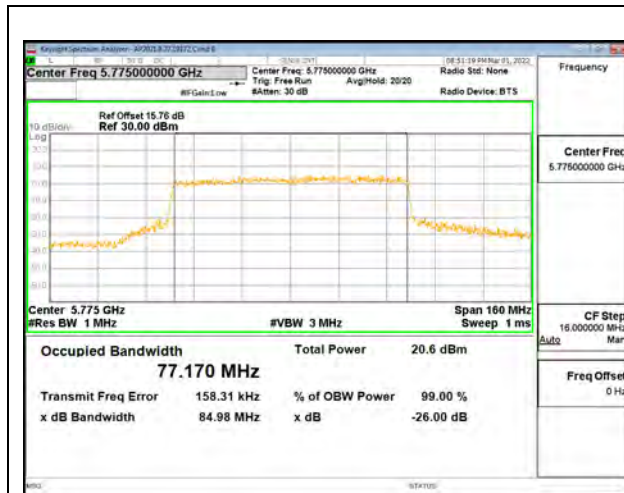
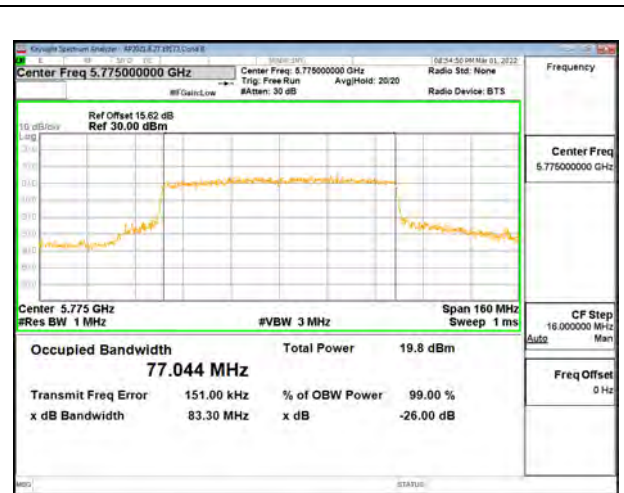
**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	18.821	18.131

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: SU Mode**

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	77.170	77.044

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

9.3. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

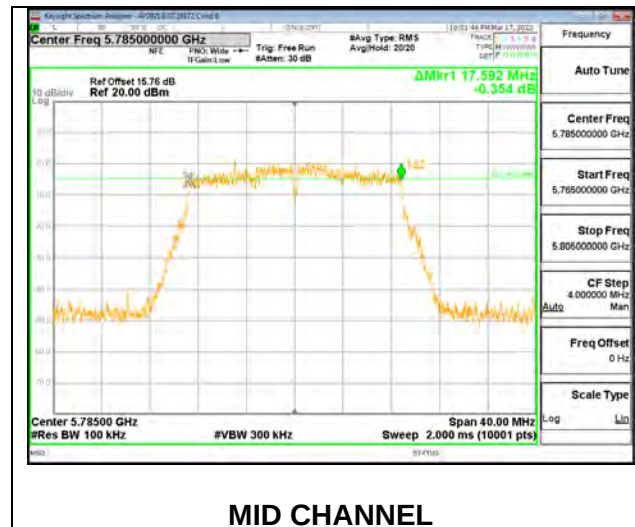
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

9.3.1. 802.11n HT20 MODE IN THE 5.8 GHz BAND

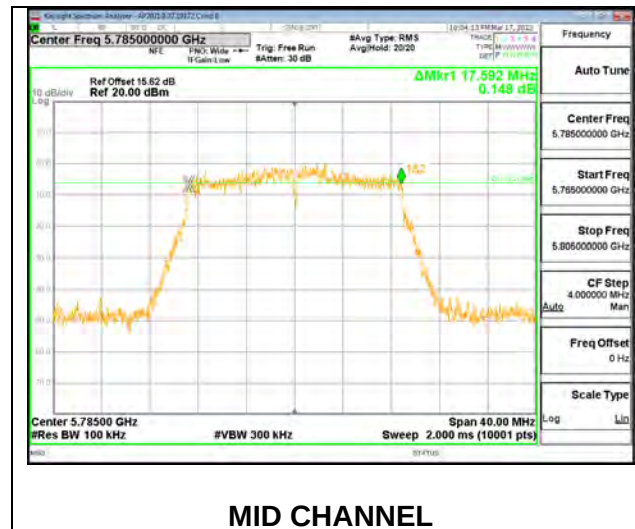
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.580	0.5
Mid	5785	17.592	0.5
High	5825	17.600	0.5
144	5720	3.812	0.5



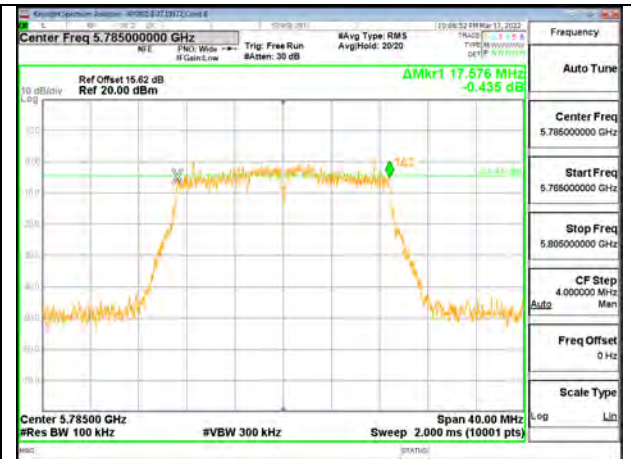
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.596	0.5
Mid	5785	17.592	0.5
High	5825	17.596	0.5
144	5720	3.784	0.5



2TX Antenna 6 + Antenna 5 CDD MODE

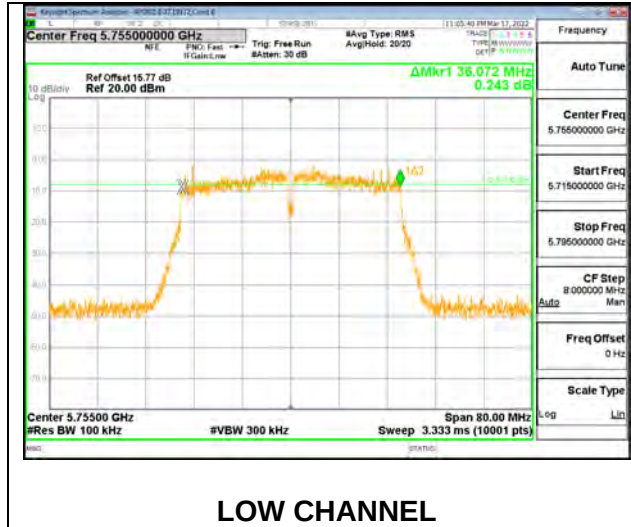
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	17.580	17.560	0.5
Mid	5785	17.612	17.576	0.5
High	5825	17.588	17.576	0.5
144	5720	3.804	3.812	0.5

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

9.3.2. 802.11n HT40 MODE IN THE 5.8 GHz BAND

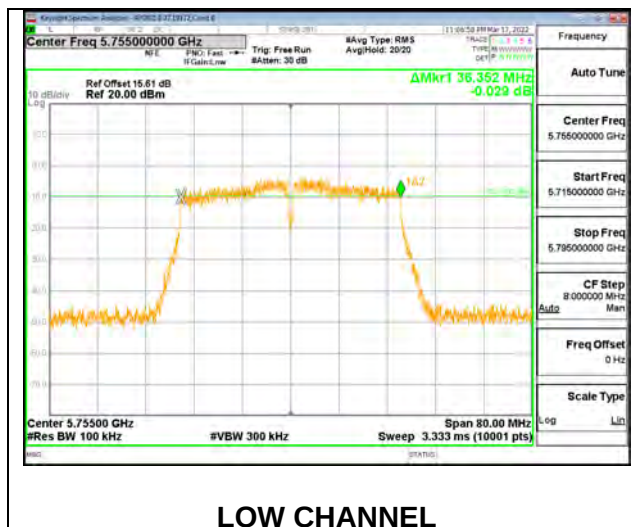
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	36.072	0.5
High	5795	35.944	0.5
142	5710	3.240	0.5



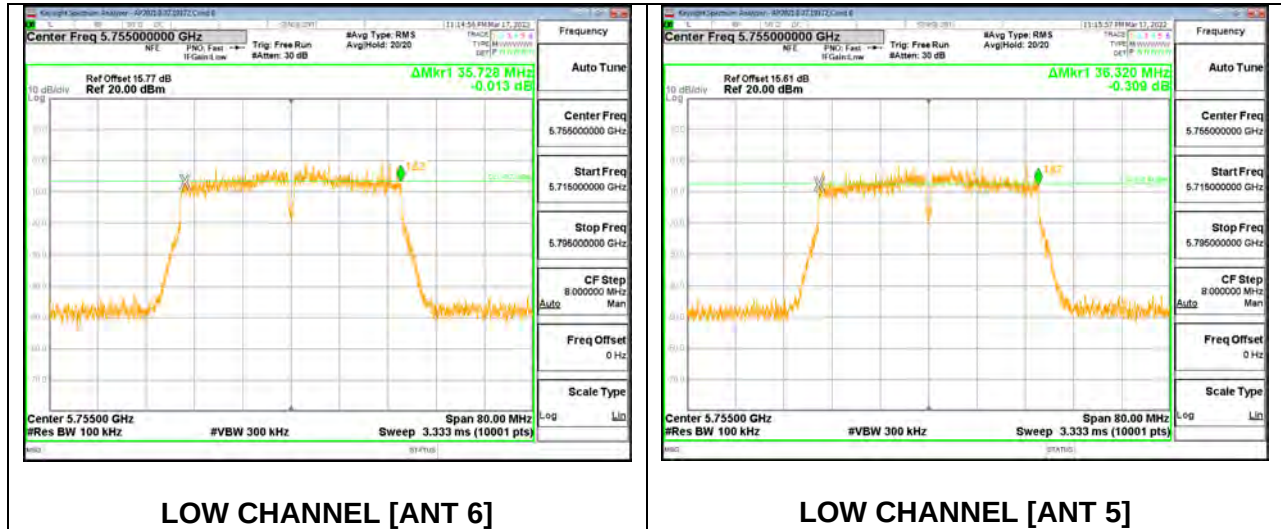
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	36.352	0.5
High	5795	36.064	0.5
142	5710	3.224	0.5



2TX Antenna 6 + Antenna 5 CDD MODE

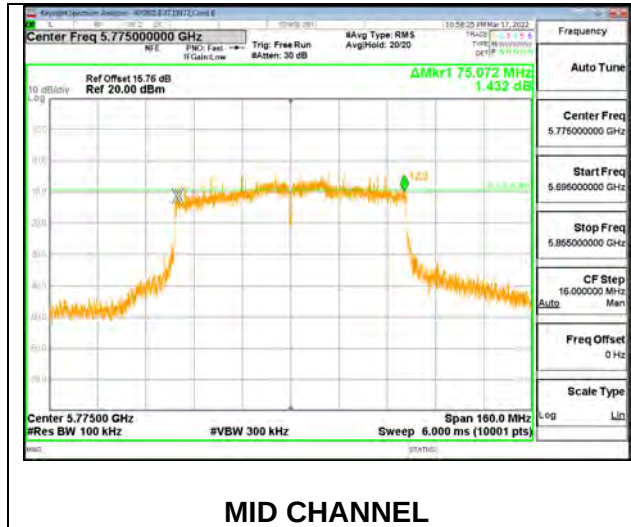
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	35.728	36.320	0.5
High	5795	35.744	35.720	0.5
142	5710	3.184	3.192	0.5



9.3.3. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

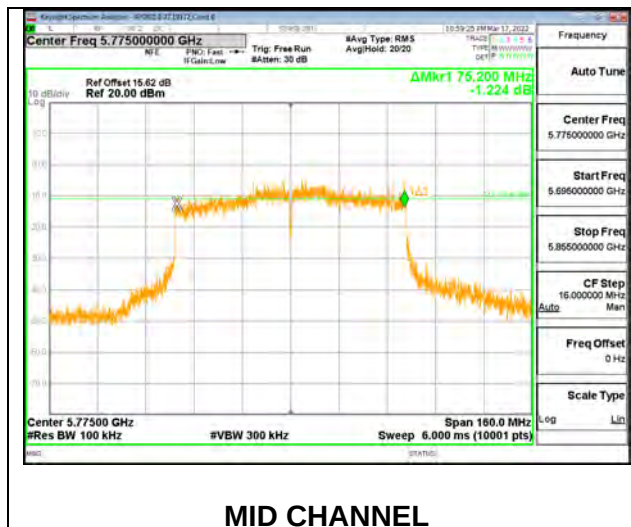
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.072	0.5
138	5690	3.176	0.5



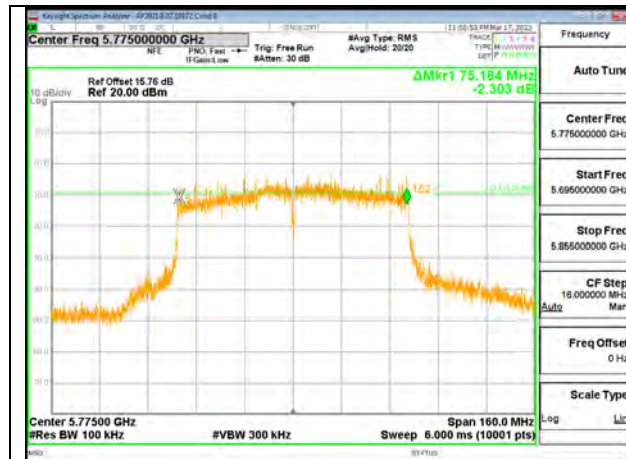
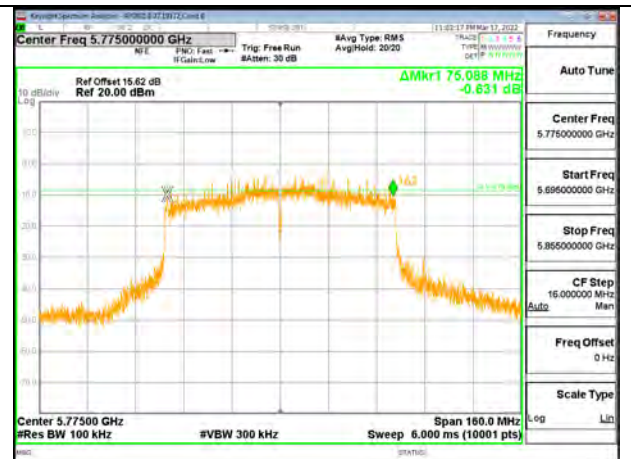
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.200	0.5
138	5690	2.616	0.5



2TX Antenna 6 + Antenna 5 CDD MODE

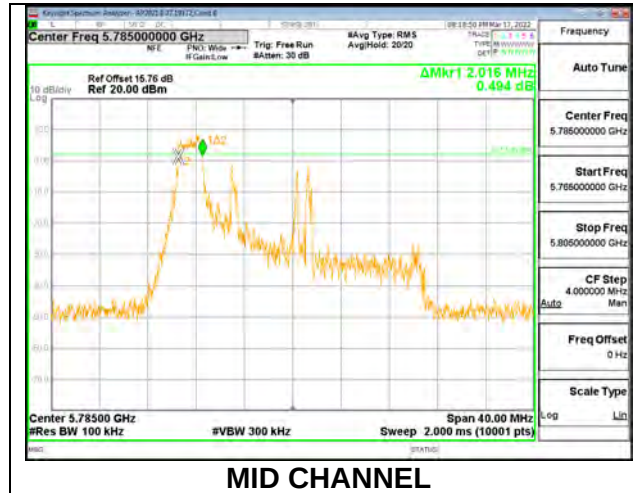
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	75.184	75.088	0.5
138	5690	3.224	3.160	0.5

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

9.3.4. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

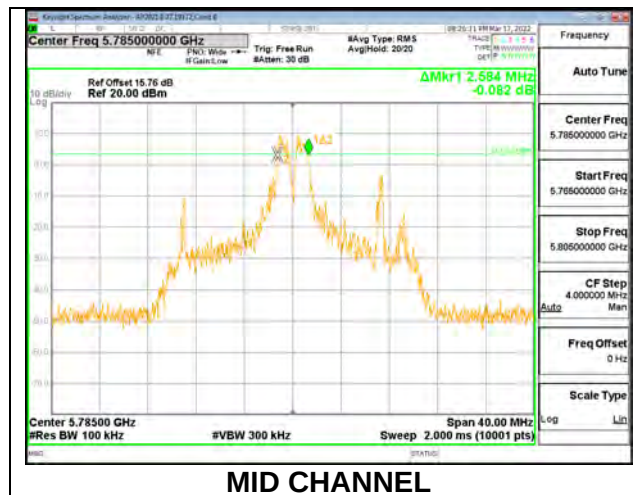
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.040	0.5
Mid	5785	2.016	0.5
High	5825	2.028	0.5



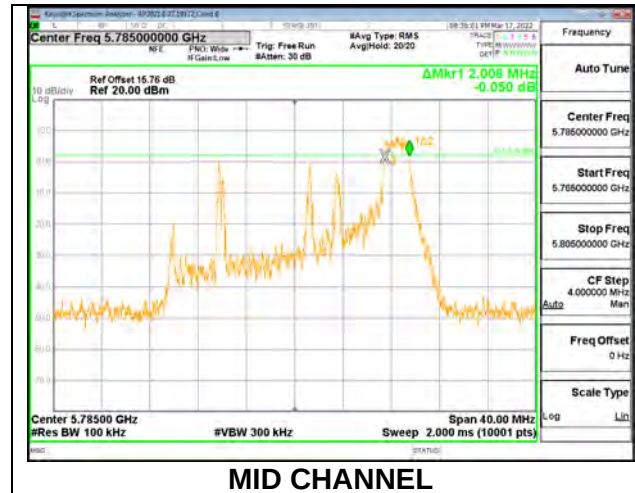
1TX Antenna 6 MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.565	0.5
Mid	5785	2.584	0.5
High	5825	2.564	0.5

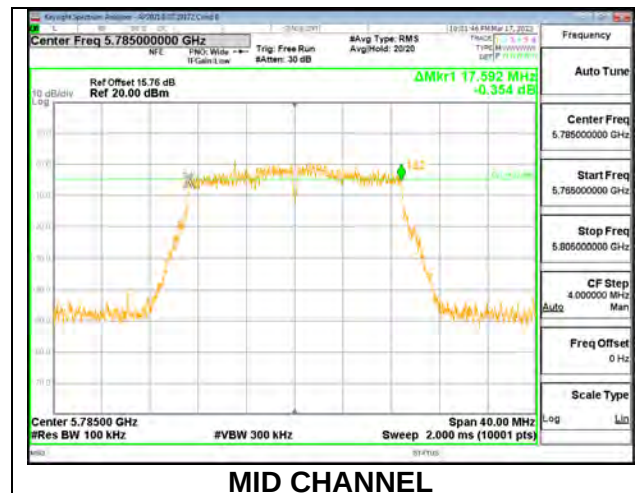


1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.064	0.5
Mid	5785	2.008	0.5
High	5825	2.052	0.5
144	5720	2.012	0.5

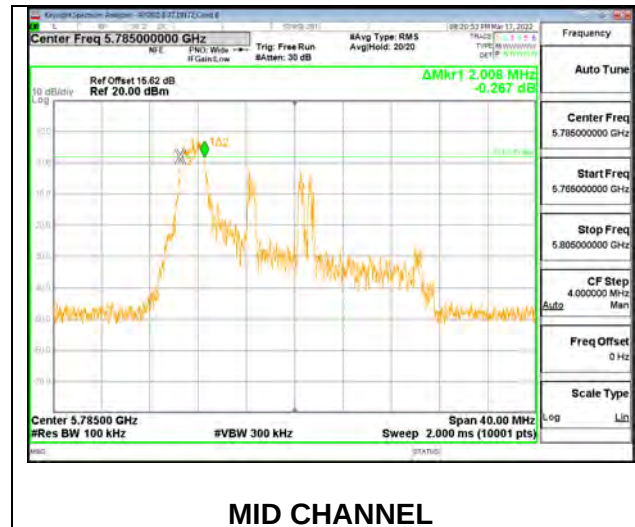
**1TX Antenna 6 MODE: SU Mode**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	19.076	0.5
Mid	5785	17.592	0.5
High	5825	18.812	0.5
144	5720	4.564	0.5

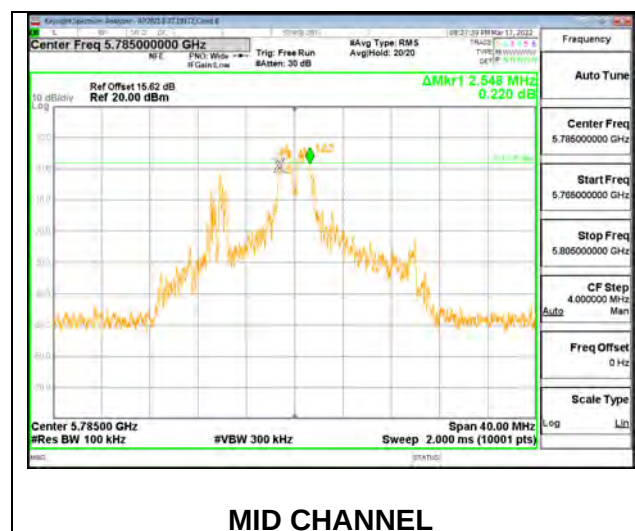


1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.060	0.5
Mid	5785	2.008	0.5
High	5825	2.076	0.5

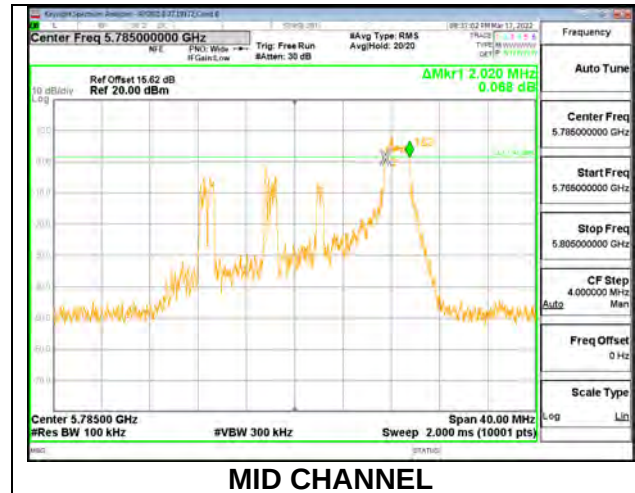
**1TX Antenna 5 MODE: 26 Tones, RU Index 4**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.540	0.5
Mid	5785	2.548	0.5
High	5825	2.572	0.5

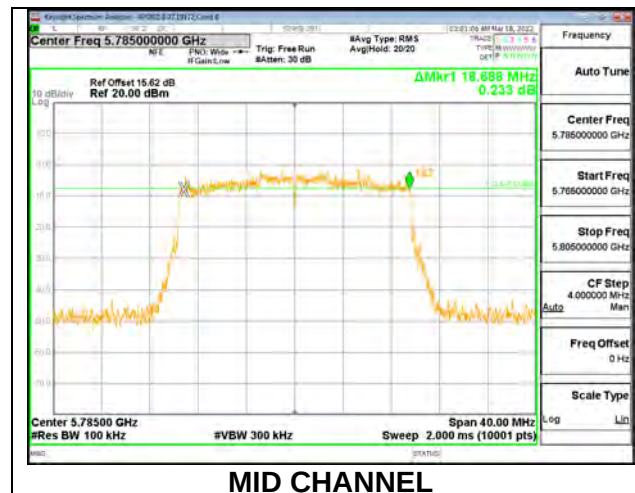


1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.092	0.5
Mid	5785	2.020	0.5
High	5825	2.060	0.5
144	5720	2.016	0.5

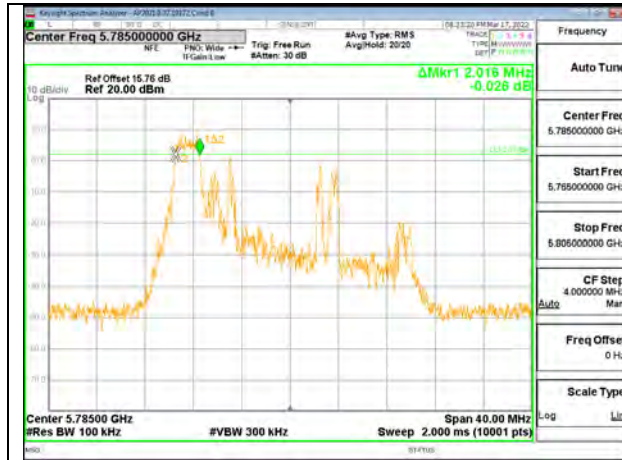
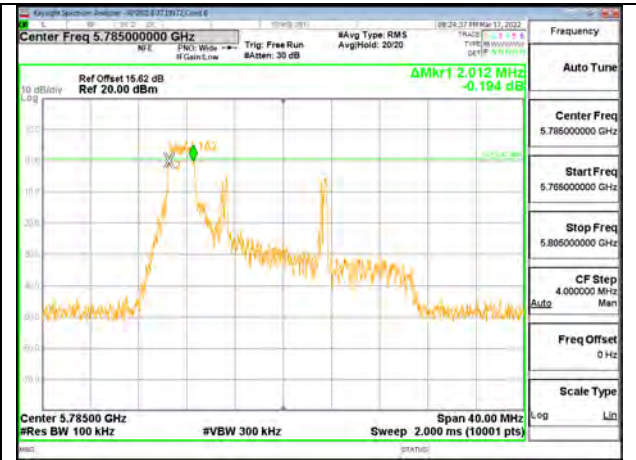
**1TX Antenna 5 MODE: SU Mode**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	18.844	0.5
Mid	5785	18.688	0.5
High	5825	18.732	0.5
144	5720	4.540	0.5

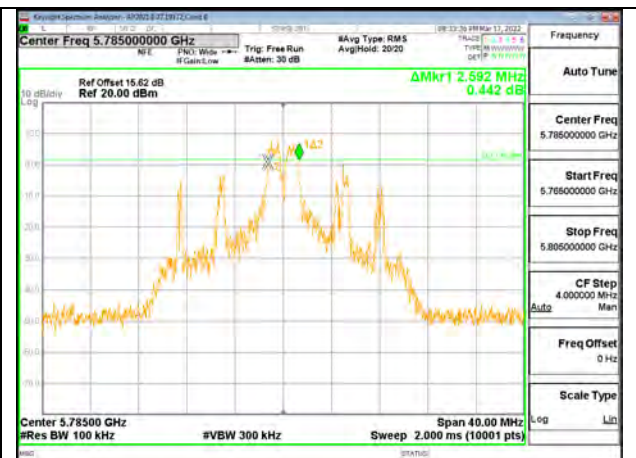


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	2.008	2.060	0.5
Mid	5785	2.016	2.012	0.5
High	5825	2.024	2.056	0.5

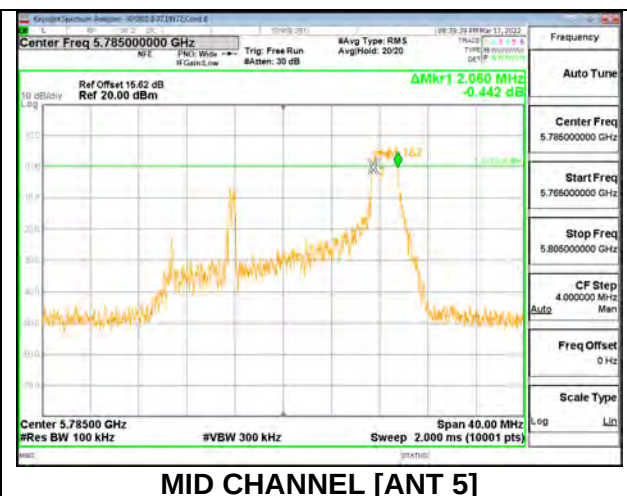
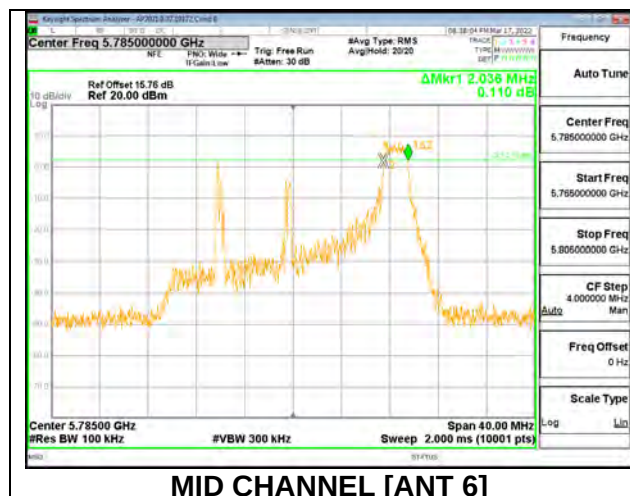
**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 4**

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	2.552	2.564	0.5
Mid	5785	2.548	2.592	0.5
High	5825	2.576	2.560	0.5

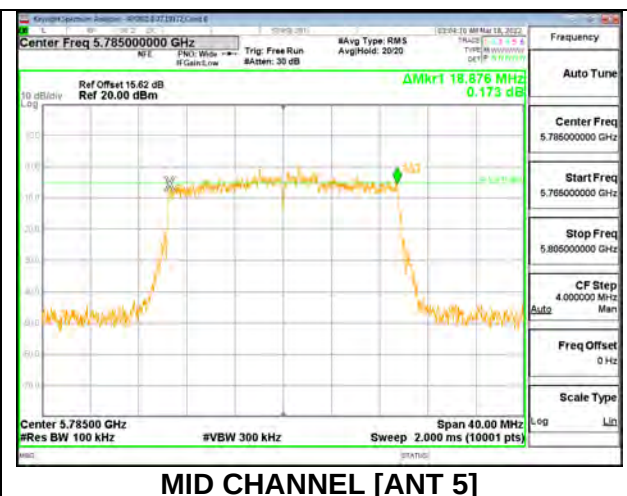
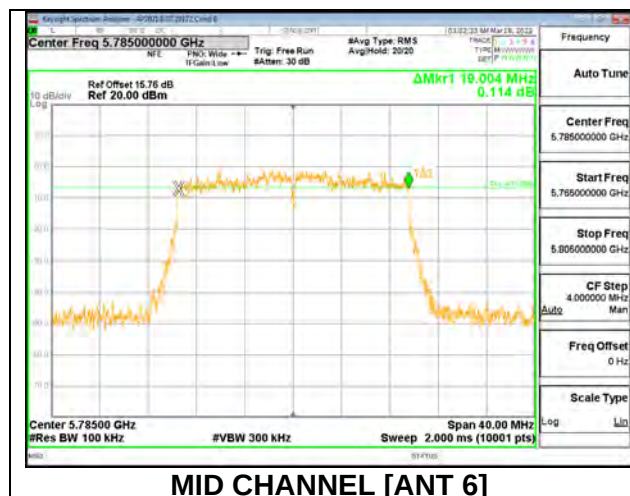
**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	2.040	2.020	0.5
Mid	5785	2.036	2.060	0.5
High	5825	2.032	2.032	0.5
144	5720	2.040	2.072	0.5

**2TX Antenna 6 + Antenna 5 OFDMA MODE: SU Mode**

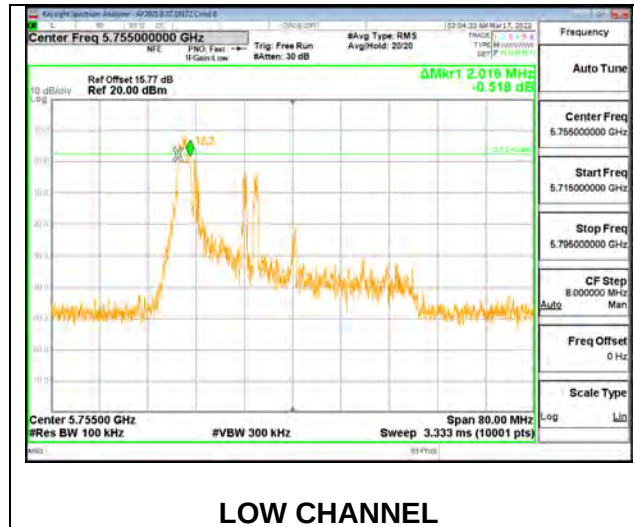
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	18.792	18.856	0.5
Mid	5785	19.004	18.876	0.5
High	5825	18.776	18.820	0.5
144	5720	4.584	4.580	0.5



9.3.5. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

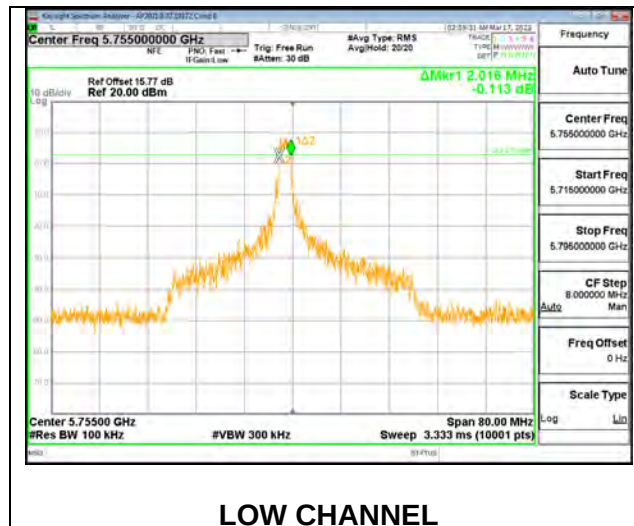
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.016	0.5
High	5795	2.056	0.5



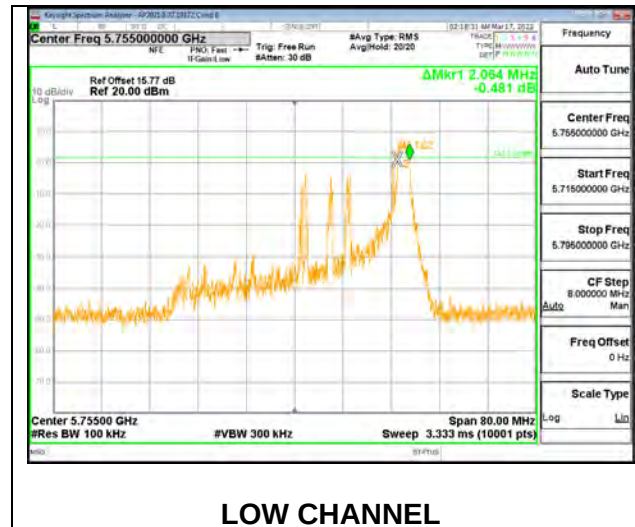
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.016	0.5
High	5795	2.032	0.5

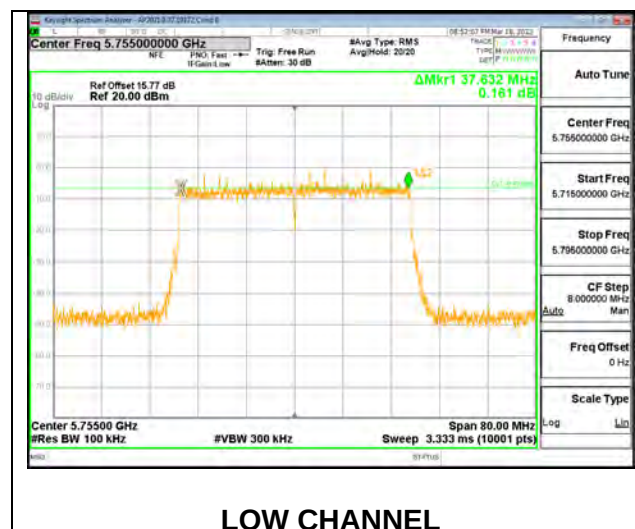


1TX Antenna 6 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.064	0.5
High	5795	2.048	0.5
142	5710	2.048	0.5

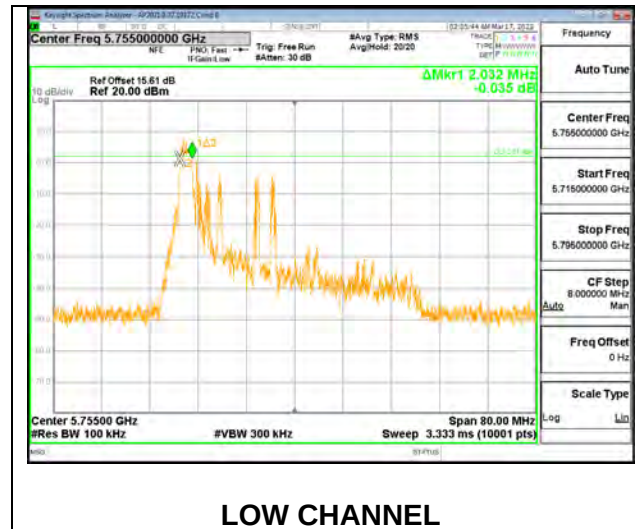
**1TX Antenna 6 MODE: SU Mode**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	37.632	0.5
High	5795	37.896	0.5
142	5710	4.096	0.5

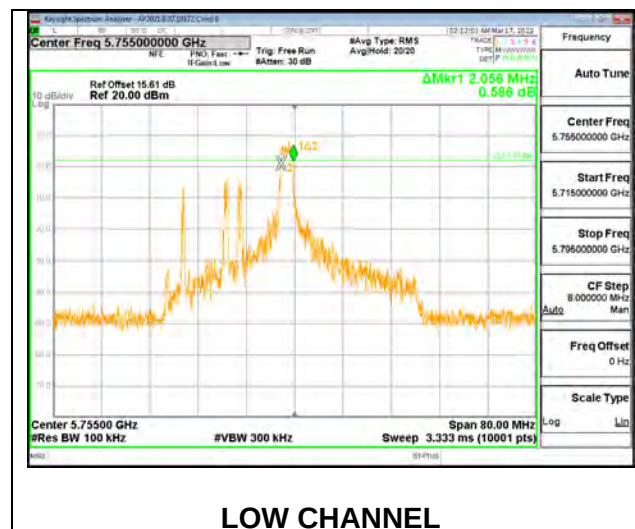


1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.032	0.5
High	5795	2.088	0.5

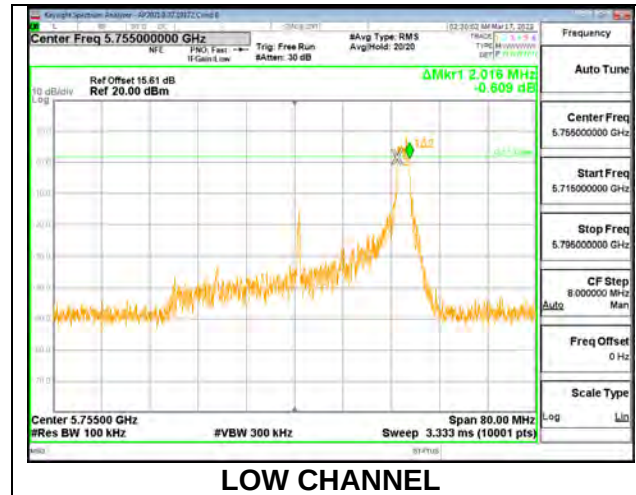
**1TX Antenna 5 MODE: 26 Tones, RU Index 8**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.056	0.5
High	5795	2.040	0.5

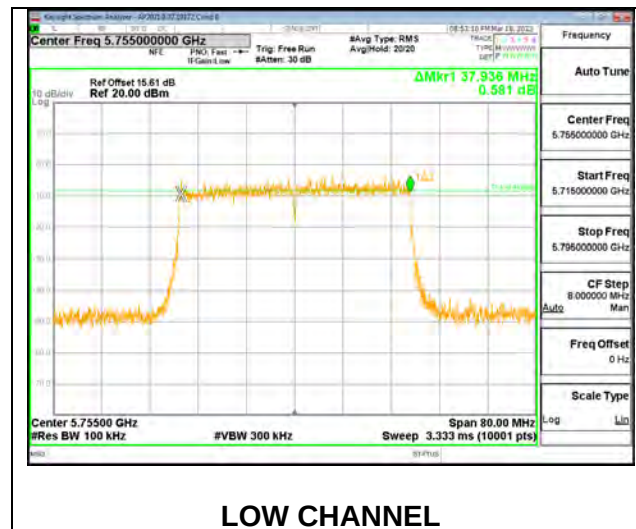


1TX Antenna 5 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.016	0.5
High	5795	2.088	0.5
142	5710	2.064	0.5

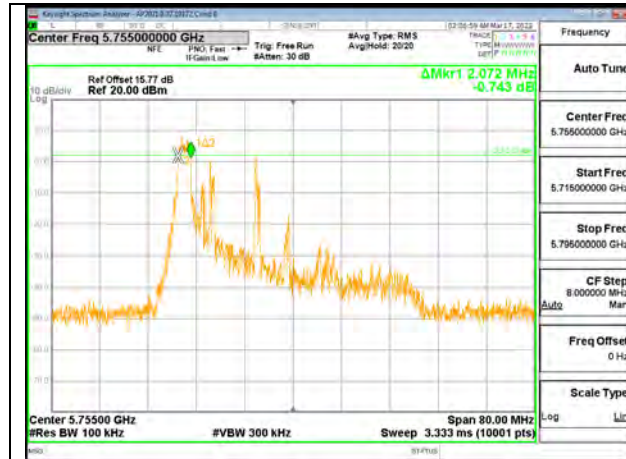
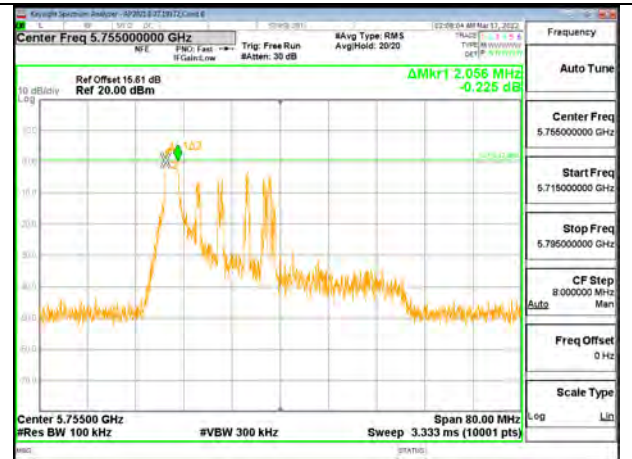
**1TX Antenna 5 MODE: SU Mode**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	37.936	0.5
High	5795	38.056	0.5
142	5710	4.112	0.5

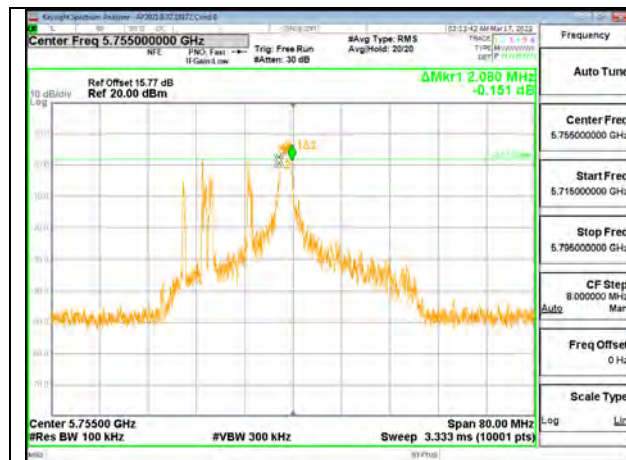
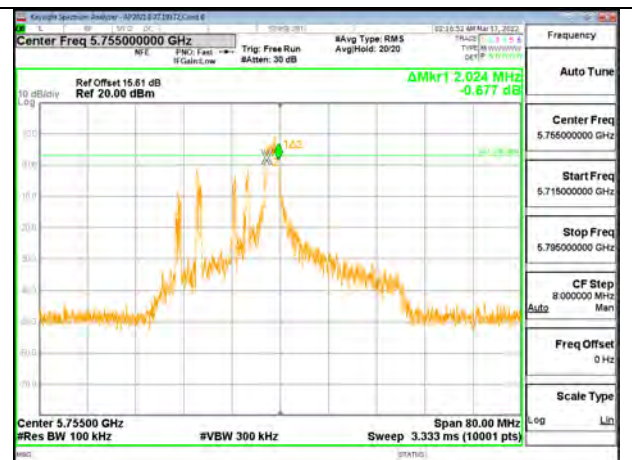


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.072	2.056	0.5
High	5795	2.064	2.056	0.5

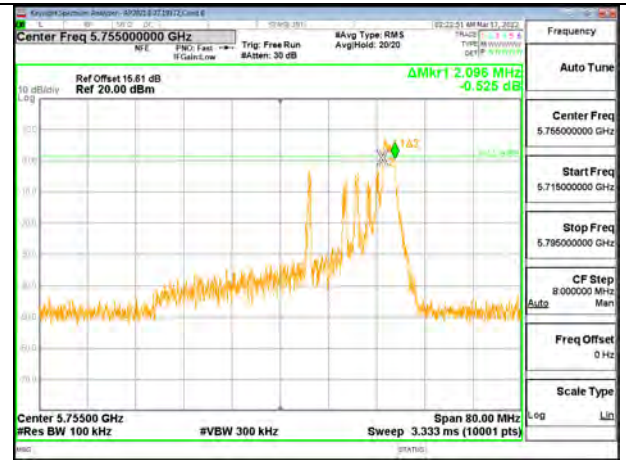
**LOW CHANNEL [ANT 6]****LOW CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 8**

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.080	2.024	0.5
High	5795	2.072	2.040	0.5

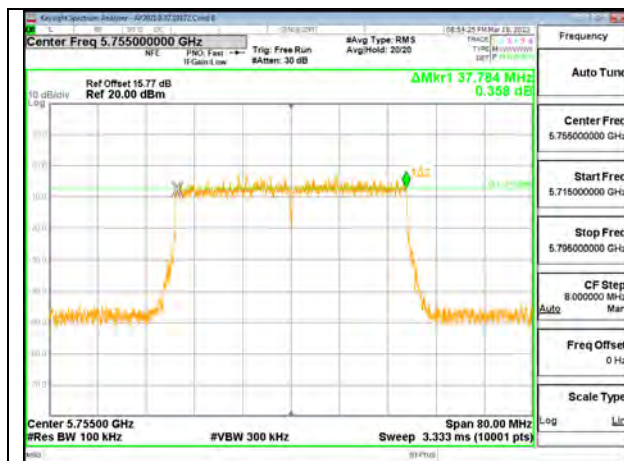
**LOW CHANNEL [ANT 6]****LOW CHANNEL [ANT 5]**

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.024	2.096	0.5
High	5795	2.072	2.058	0.5
142	5710	2.048	2.048	0.5

**LOW CHANNEL [ANT 6]****LOW CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: SU Mode**

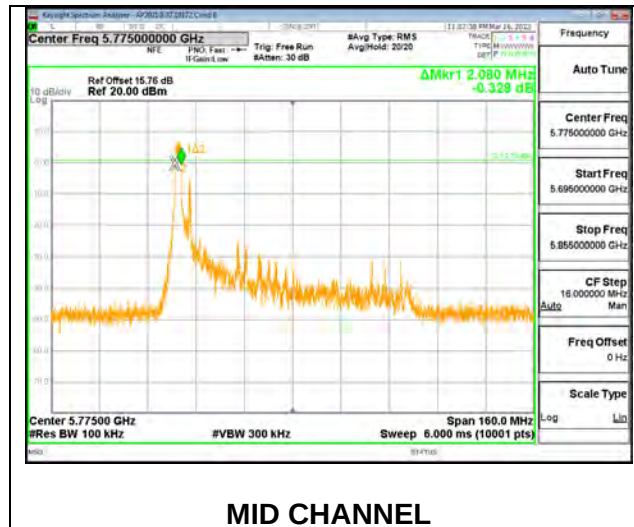
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	37.784	37.880	0.5
High	5795	37.720	37.688	0.5
142	5710	3.944	4.128	0.5

**LOW CHANNEL [ANT 6]****LOW CHANNEL [ANT 5]**

9.3.6. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

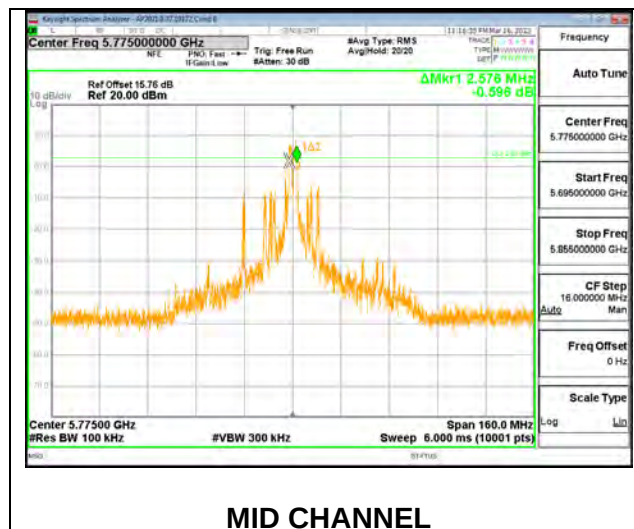
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.080	0.5



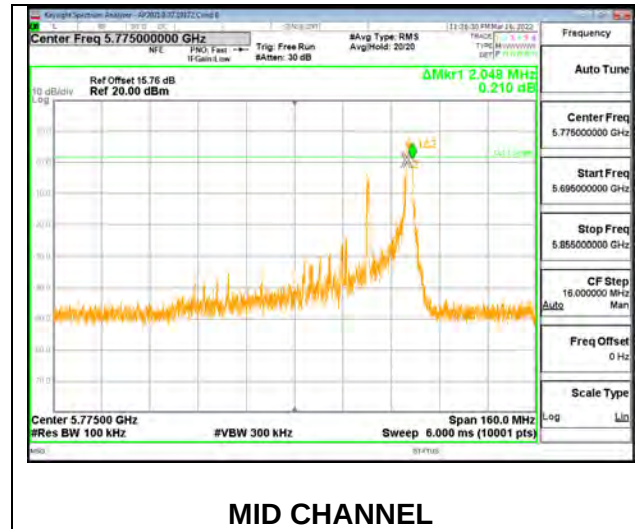
1TX Antenna 6 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.576	0.5

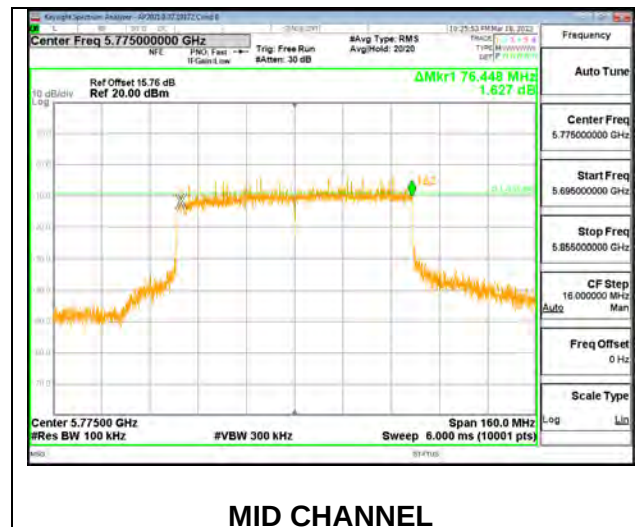


1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.048	0.5
138	5690	2.032	0.5

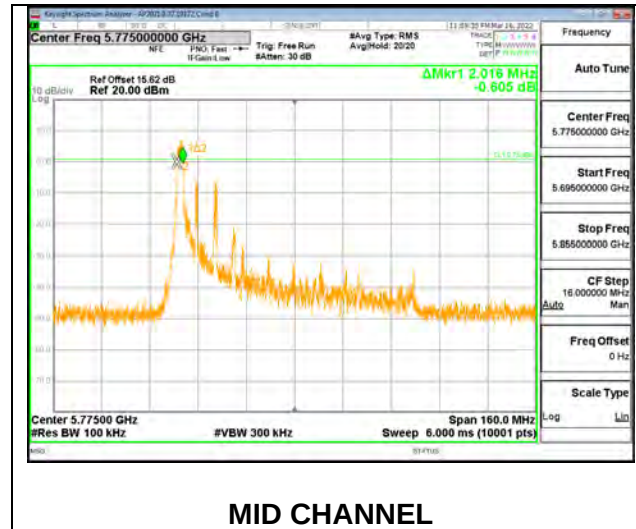
**1TX Antenna 6 MODE: SU Mode**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	76.448	0.5
138	5690	3.896	0.5

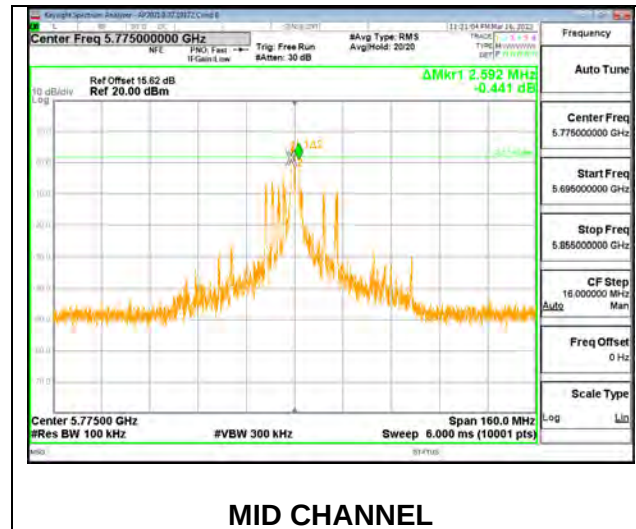


1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.016	0.5

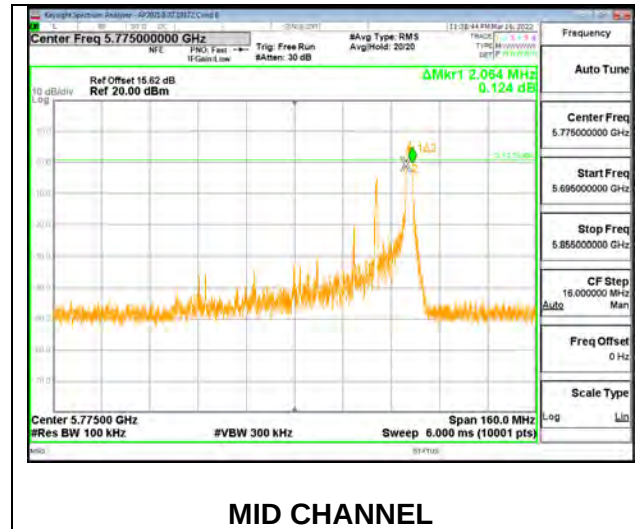
**1TX Antenna 5 MODE: 26 Tones, RU Index 18**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.592	0.5

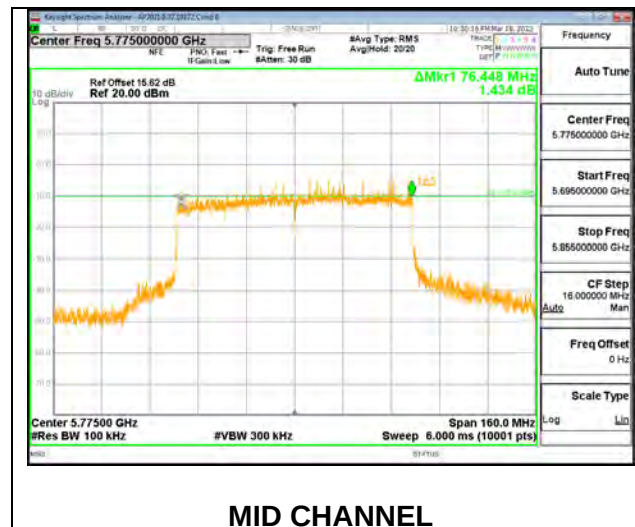


1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.064	0.5
138	5690	2.048	0.5

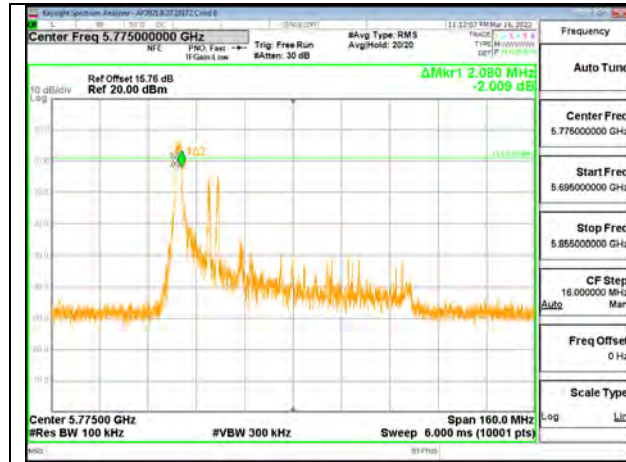
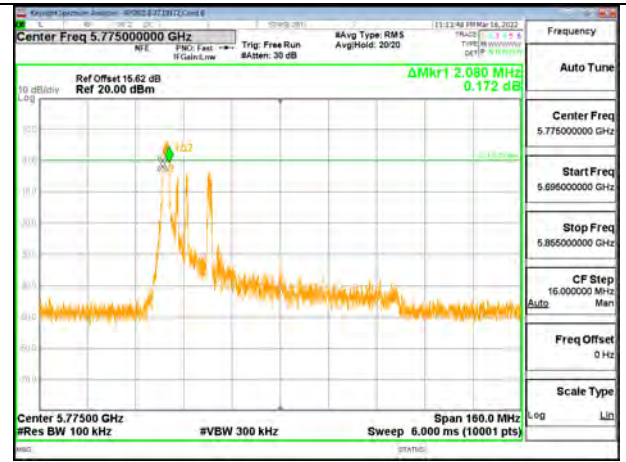
**1TX Antenna 5 MODE: SU Mode**

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	76.448	0.5
138	5690	4.008	0.5

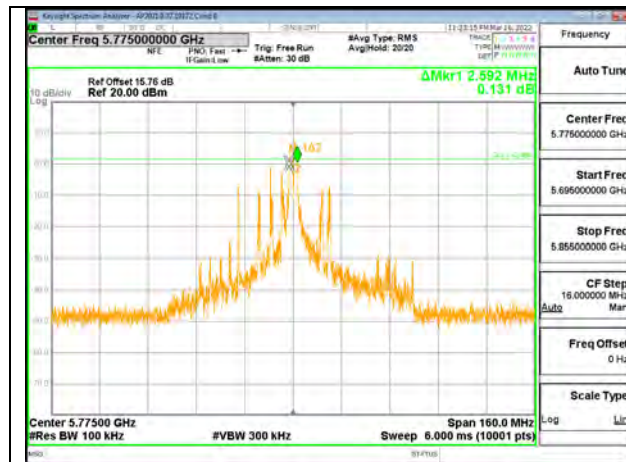
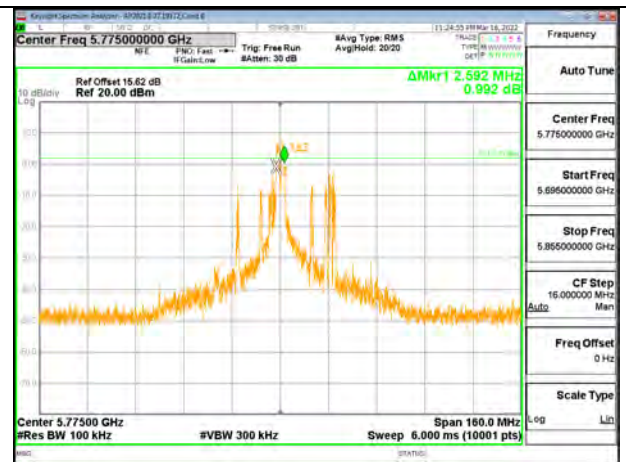


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.080	2.080	0.5

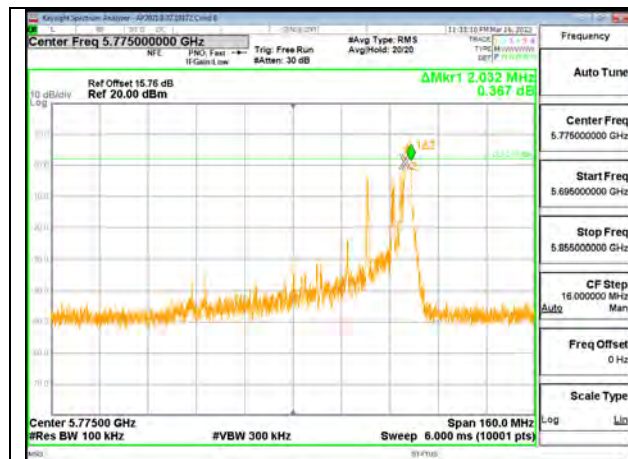
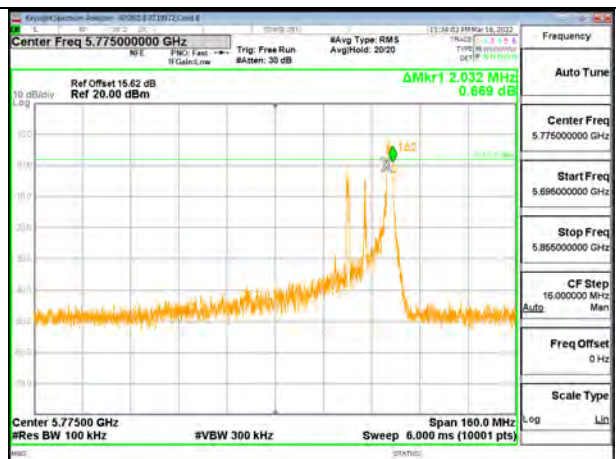
**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 18**

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.592	2.592	0.5

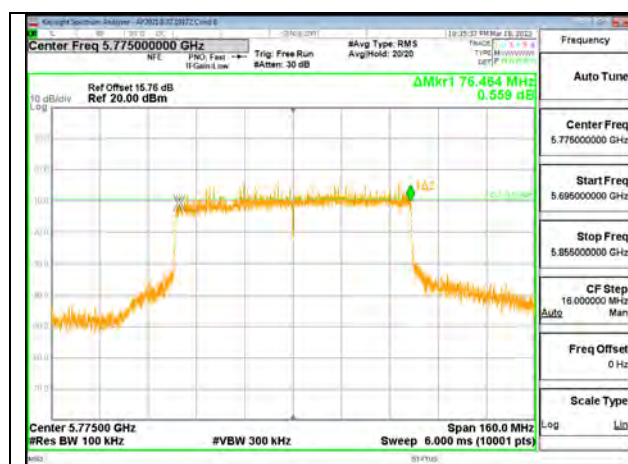
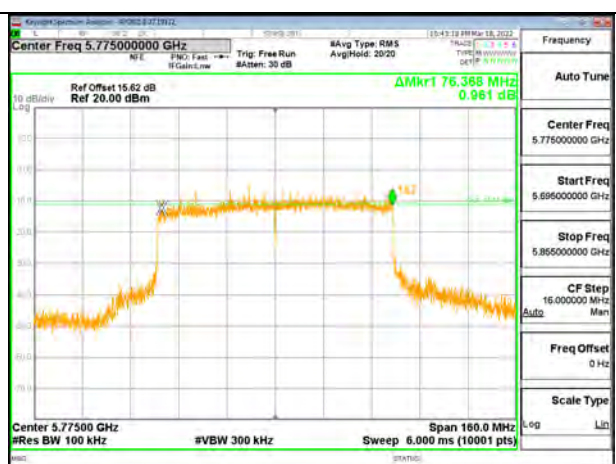
**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.032	2.032	0.5
138	5690	2.016	2.064	0.5

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]****2TX Antenna 6 + Antenna 5 OFDMA MODE: SU Mode**

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	76.464	76.368	0.5
138	5690	3.592	3.800	0.5

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

9.4. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

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

TEST PROCEDURE

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

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

For all straddle channels, full bandwidth power is reported in the 5.6GHz section. The combined 5.6GHz and 5.8GHz power already passed the worst case 5.6GHz 24dBm limit, therefore there is no need to provide the 5.8GHz power.

11n HT20 and 11ax HE20 straddle channel 26dB bandwidth= (26dB BW/2)+5

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

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

Band (GHz)	ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2	-2.90	-2.00	-2.43	0.57
5.3	-2.20	-1.00	-1.56	1.43
5.6	-0.90	-1.30	-1.10	1.91
5.8	-0.50	-1.20	-0.84	2.17

Note: Uncorrelated gain is used for SDM chains for both power and PSD.

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2013 section 14.4.3

Uncorrelated directional gain= $10 \cdot \log((10^{(\text{Ant1}/10)} + 10^{(\text{Ant2}/10)})/2)$

Correlated directional Gain= $10 \cdot \log(((10^{(\text{Ant1}/20)} + 10^{(\text{Ant2}/20)})^2)/2)$

Sample Calculation at 5.2GHz Band:

Ant1=-2.90, Ant2=-2.00

Uncorrelated Antenna gain= $10 \log[(10^{(-2.9/10)} + 10^{(-2.0/10)})/2] = -2.43 \text{dBi}$

Correlated Antenna gain= $10 \log[(10^{(-2.9/20)} + 10^{(-2.0/20)})^2/2] = 0.57 \text{dBi}$

RESULTS

9.4.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE)

Test Engineer:	44366
Test Date:	3/21/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.90	24.00	11.00
Mid	5200	-2.90	24.00	11.00
High	5240	-2.90	24.00	11.00

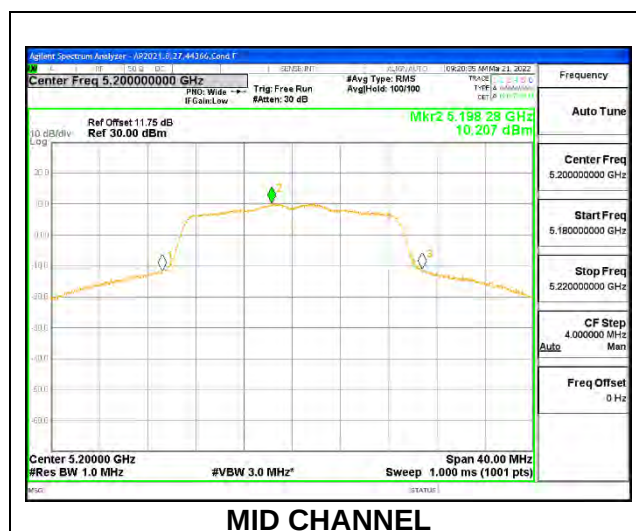
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.94	18.94	24.00	-5.06
Mid	5200	19.93	19.93	24.00	-4.07
High	5240	19.96	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	8.936	9.036	11.00	-1.964
Mid	5200	10.207	10.307	11.00	-0.693
High	5240	10.232	10.332	11.00	-0.668



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	44366
Test Date:	3/21/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	24.00	11.00
Mid	5200	-2.00	24.00	11.00
High	5240	-2.00	24.00	11.00

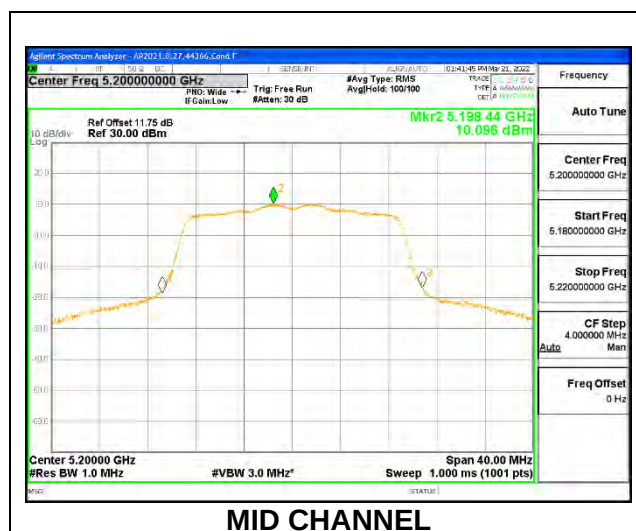
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.86	18.86	24.00	-5.14
Mid	5200	19.91	19.91	24.00	-4.09
High	5240	19.89	19.89	24.00	-4.11

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.961	9.061	11.00	-1.939
Mid	5200	10.096	10.196	11.00	-0.804
High	5240	10.036	10.136	11.00	-0.864



2TX Antenna 6 + Antenna 5 CDD MODE (FCC) MOBILE

Test Engineer:	50820, 44366
Test Date:	3/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.43	0.57	24.00	11.00
Mid	5200	-2.43	0.57	24.00	11.00
High	5240	-2.43	0.57	24.00	11.00

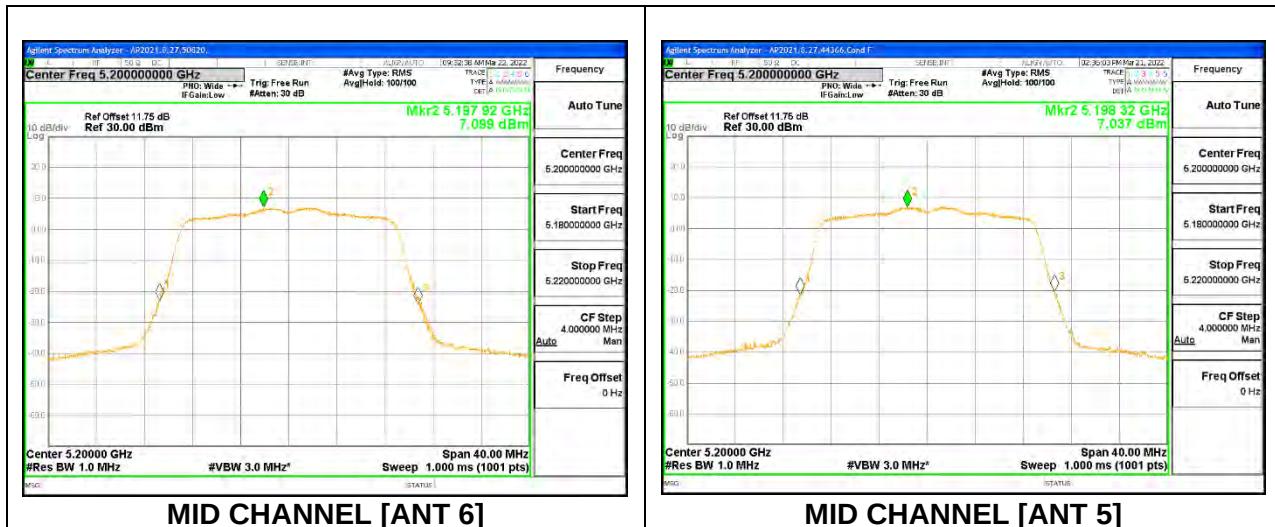
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.93	16.91	19.93	24.00	-4.07
Mid	5200	16.93	16.85	19.90	24.00	-4.10
High	5240	16.86	16.87	19.88	24.00	-4.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.049	6.967	10.12	11.00	-0.882
Mid	5200	7.099	7.037	10.18	11.00	-0.822
High	5240	7.204	7.113	10.27	11.00	-0.731



9.4.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	19172
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.90	24.00	11.00
High	5230	-2.90	24.00	11.00

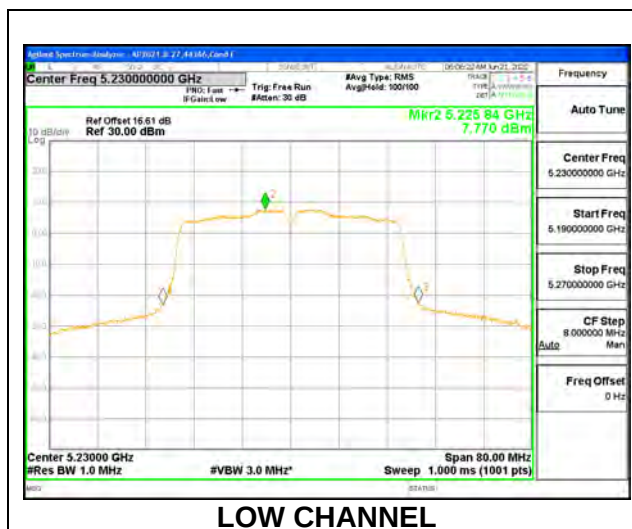
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.46	17.46	24.00	-6.54
High	5230	20.45	20.45	24.00	-3.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.302	4.502	11.00	-6.498
High	5230	7.770	7.970	11.00	-3.030



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	19172
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	24.00	11.00
High	5230	-2.00	24.00	11.00

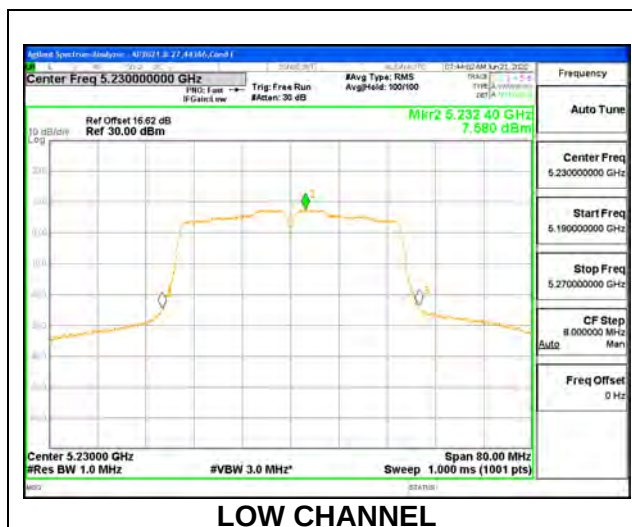
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.43	17.43	24.00	-6.57
High	5230	20.43	20.43	24.00	-3.57

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.389	4.589	11.00	-6.411
High	5230	7.580	7.780	11.00	-3.220



2TX Antenna 6 + Antenna 5 CDD MODE (FCC) MOBILE

Test Engineer:	19172
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.43	0.57	24.00	11.00
High	5230	-2.43	0.57	24.00	11.00

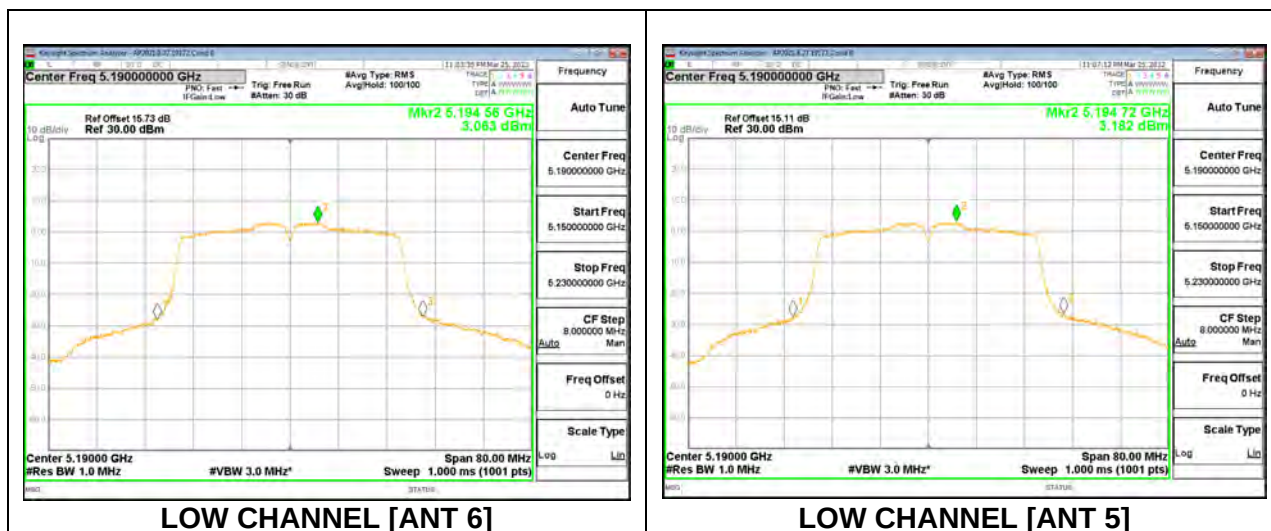
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.82	15.86	18.85	24.00	-5.15
High	5230	19.43	19.37	22.41	24.00	-1.59

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	3.063	3.182	6.33	11.00	-4.667
High	5230	6.423	6.205	9.53	11.00	-1.474



9.4.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.90	24.00	11.00

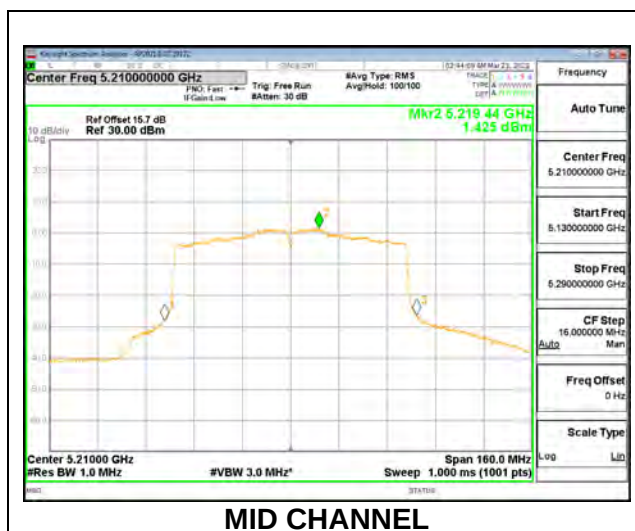
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.40	17.40	24.00	-6.60

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.425	1.63	11.00	-9.375



Test Engineer:	19172
Test Date:	3/23/2022

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	24.00	11.00

Keysight Spectrum Analyzer - APOBLS072022.Cmd 8

Center Freq 5.210000000 GHz

Ref Offset 15.12 dB
Ref 30.00 dBm

Span 160.0 MHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Mkr2 5.204 24 GHz
1.392 dBm

Frequency

Auto Tune

Center Freq
5.210000000 GHz

Start Freq
5.130000000 GHz

Stop Freq
5.290000000 GHz

CF Step
16.000000 MHz
Man

Freq Offset
0 Hz

Scale Type
Log

Center Freq 5.210000000 GHz

Span 160.0 MHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 1.000 ms (1001 pts)

STATUS

2TX Antenna 6 + Antenna 5 CDD MODE (FCC) MOBILE

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.43	0.57	24.00	11.00

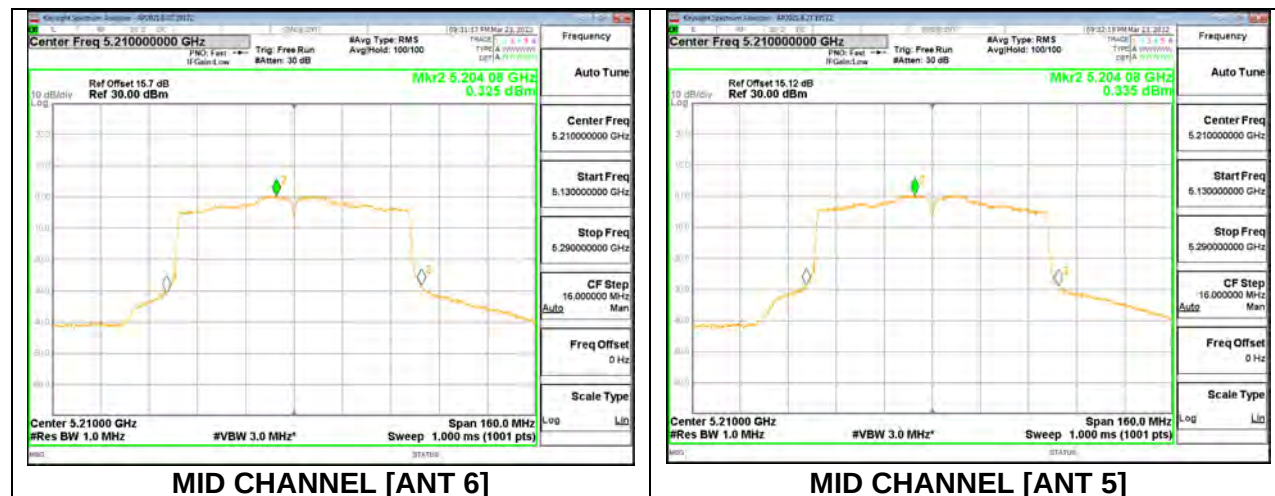
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.35	16.34	19.36	24.00	-4.64

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5210	0.325	0.335	3.54	11.00	-7.460



9.4.4. 802.11ax HE20 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.90	24.00	11.00
Mid	5200	-2.90	24.00	11.00
High	5240	-2.90	24.00	11.00

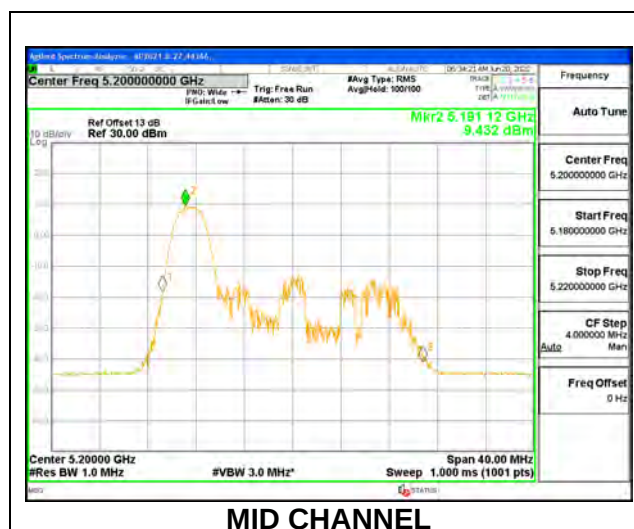
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.91	11.91	24.00	-12.09
Mid	5200	11.96	11.96	24.00	-12.04
High	5240	11.95	11.95	24.00	-12.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.411	9.411	11.00	-1.589
Mid	5200	9.432	9.432	11.00	-1.568
High	5240	9.462	9.462	11.00	-1.538



1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 4

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.90	24.00	11.00
Mid	5200	-2.90	24.00	11.00
High	5240	-2.90	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.90	11.90	24.00	-12.10
Mid	5200	11.92	11.92	24.00	-12.08
High	5240	11.94	11.94	24.00	-12.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	8.582	8.582	11.00	-2.418
Mid	5200	8.560	8.560	11.00	-2.440
High	5240	8.439	8.439	11.00	-2.561



1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.90	24.00	11.00
Mid	5200	-2.90	24.00	11.00
High	5240	-2.90	24.00	11.00

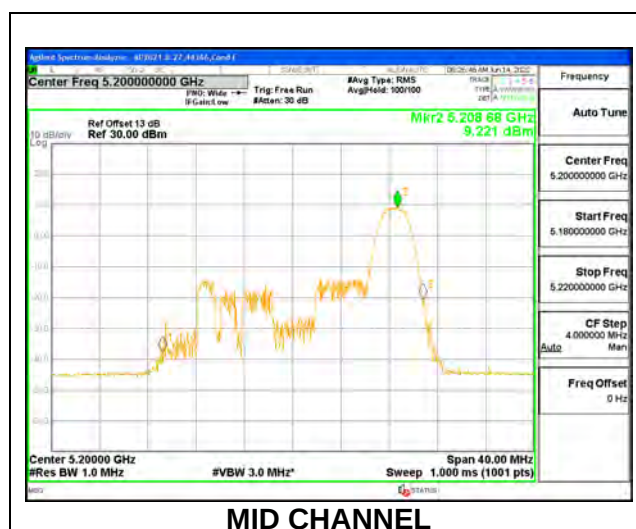
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.90	11.90	24.00	-12.10
Mid	5200	11.92	11.92	24.00	-12.08
High	5240	11.93	11.93	24.00	-12.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.330	9.330	11.00	-1.670
Mid	5200	9.221	9.221	11.00	-1.779
High	5240	9.576	9.576	11.00	-1.424



1TX Antenna 6 MODE (FCC) MOBILE – SU Mode

Test Engineer:	50820
Test Date:	3/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.90	24.00	11.00
Mid	5200	-2.90	24.00	11.00
High	5240	-2.90	24.00	11.00

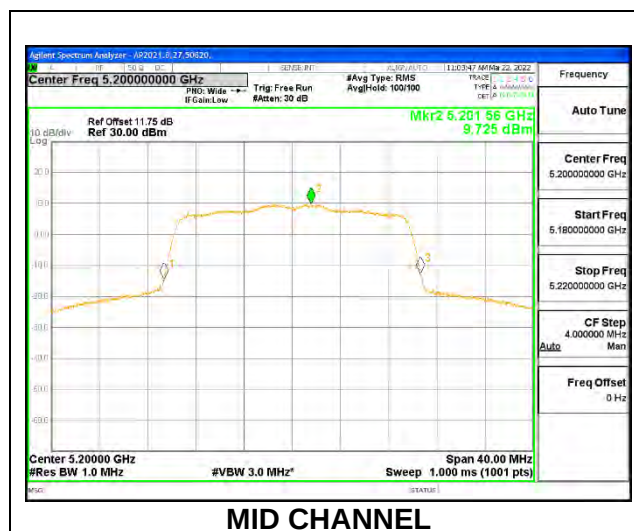
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.44	18.44	24.00	-5.56
Mid	5200	19.90	19.90	24.00	-4.10
High	5240	19.85	19.85	24.00	-4.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.154	8.154	11.00	-2.846
Mid	5200	9.725	9.725	11.00	-1.275
High	5240	9.891	9.891	11.00	-1.109



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	24.00	11.00
Mid	5200	-2.00	24.00	11.00
High	5240	-2.00	24.00	11.00

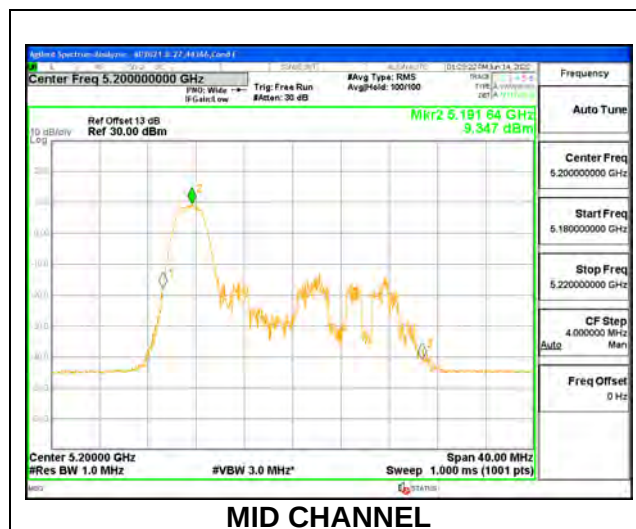
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.91	11.91	24.00	-12.09
Mid	5200	11.96	11.96	24.00	-12.04
High	5240	11.91	11.91	24.00	-12.09

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	9.290	9.290	11.00	-1.710
Mid	5200	9.347	9.347	11.00	-1.653
High	5240	9.684	9.684	11.00	-1.316



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 4

Test Engineer:	50820
Test Date:	3/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	24.00	11.00
Mid	5200	-2.00	24.00	11.00
High	5240	-2.00	24.00	11.00

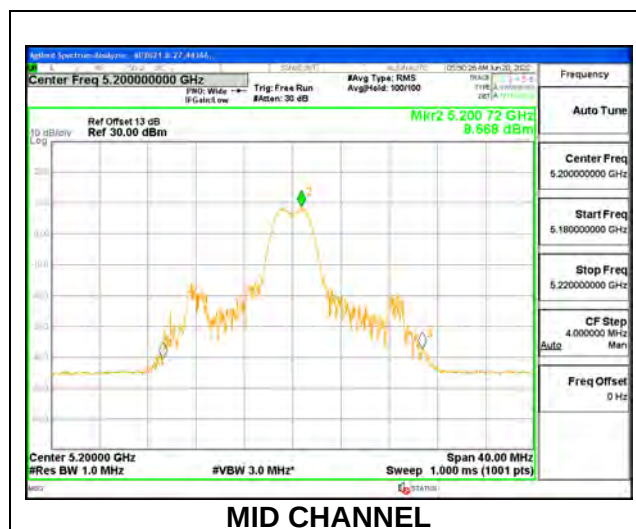
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.94	11.94	24.00	-12.06
Mid	5200	11.96	11.96	24.00	-12.04
High	5240	11.92	11.92	24.00	-12.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.700	8.700	11.00	-2.300
Mid	5200	8.668	8.668	11.00	-2.332
High	5240	8.749	8.749	11.00	-2.251



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.00	24.00	11.00
Mid	5200	-2.00	24.00	11.00
High	5240	-2.00	24.00	11.00

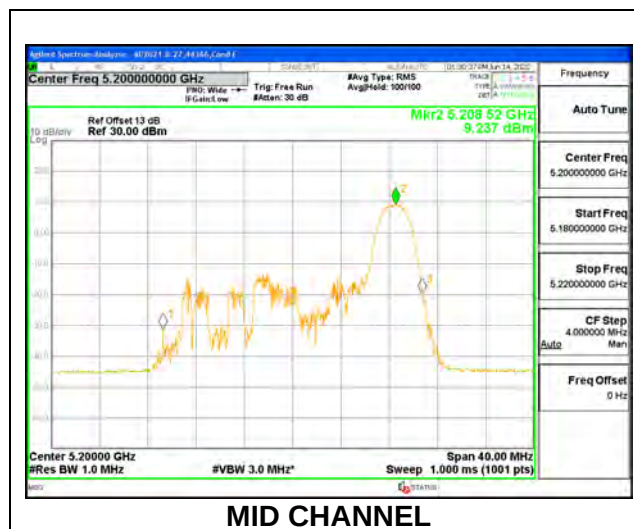
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.93	11.93	24.00	-12.07
Mid	5200	11.98	11.98	24.00	-12.02
High	5240	11.97	11.97	24.00	-12.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	9.440	9.440	11.00	-1.560
Mid	5200	9.237	9.237	11.00	-1.763
High	5240	9.580	9.580	11.00	-1.420



1TX Antenna 5 MODE (FCC) MOBILE – SU Mode

Test Engineer:	50820
Test Date:	3/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.00	24.00	11.00
Mid	5200	-2.00	24.00	11.00
High	5240	-2.00	24.00	11.00

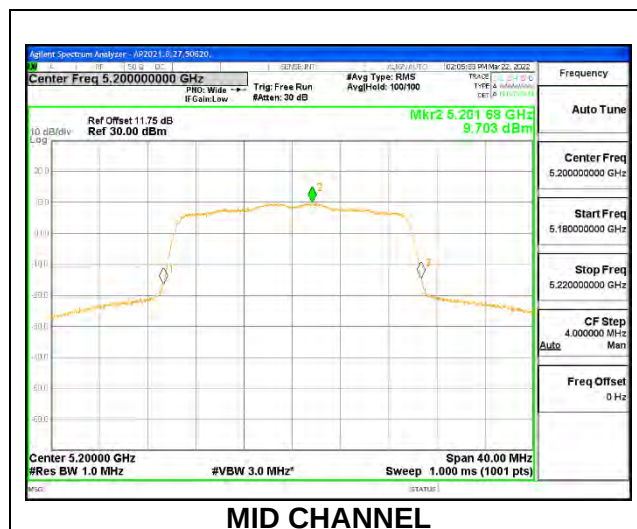
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.40	18.40	24.00	-5.60
Mid	5200	19.88	19.88	24.00	-4.12
High	5240	19.96	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	8.187	8.19	11.00	-2.813
Mid	5200	9.703	9.70	11.00	-1.297
High	5240	9.865	9.87	11.00	-1.135



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.43	0.57	24.00	11.00
Mid	5200	-2.43	0.57	24.00	11.00
High	5240	-2.43	0.57	24.00	11.00

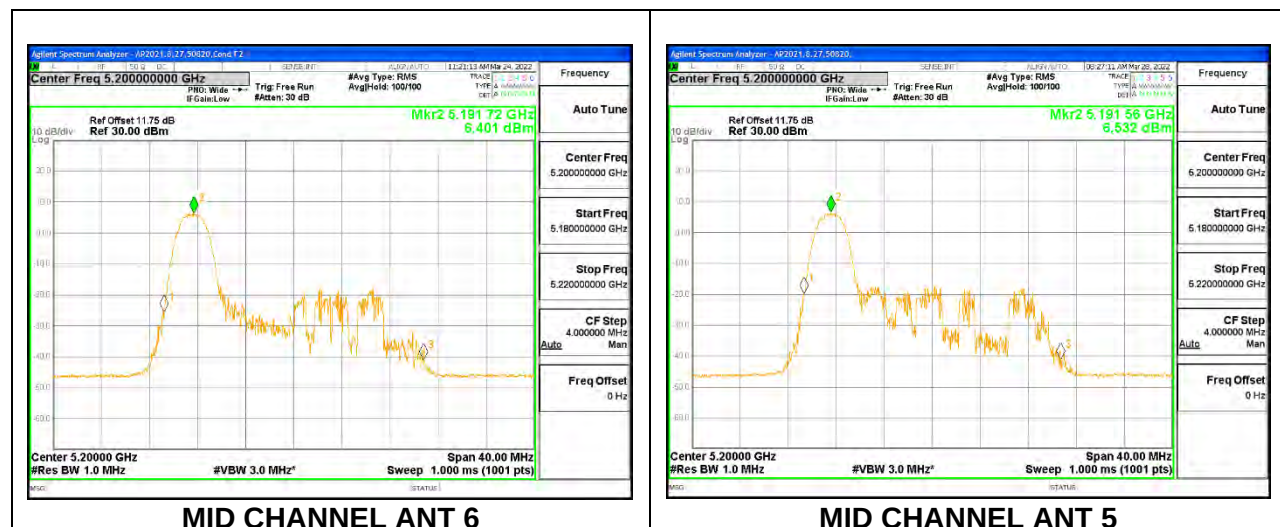
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.90	8.98	11.95	24.00	-12.05
Mid	5200	8.78	8.76	11.78	24.00	-12.22
High	5240	8.91	8.88	11.91	24.00	-12.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	6.373	6.478	9.436	11.00	-1.564
Mid	5200	6.401	6.532	9.477	11.00	-1.523
High	5240	6.387	6.528	9.468	11.00	-1.532



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 4

Test Engineer:	50820
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.43	0.57	24.00	11.00
Mid	5200	-2.43	0.57	24.00	11.00
High	5240	-2.43	0.57	24.00	11.00

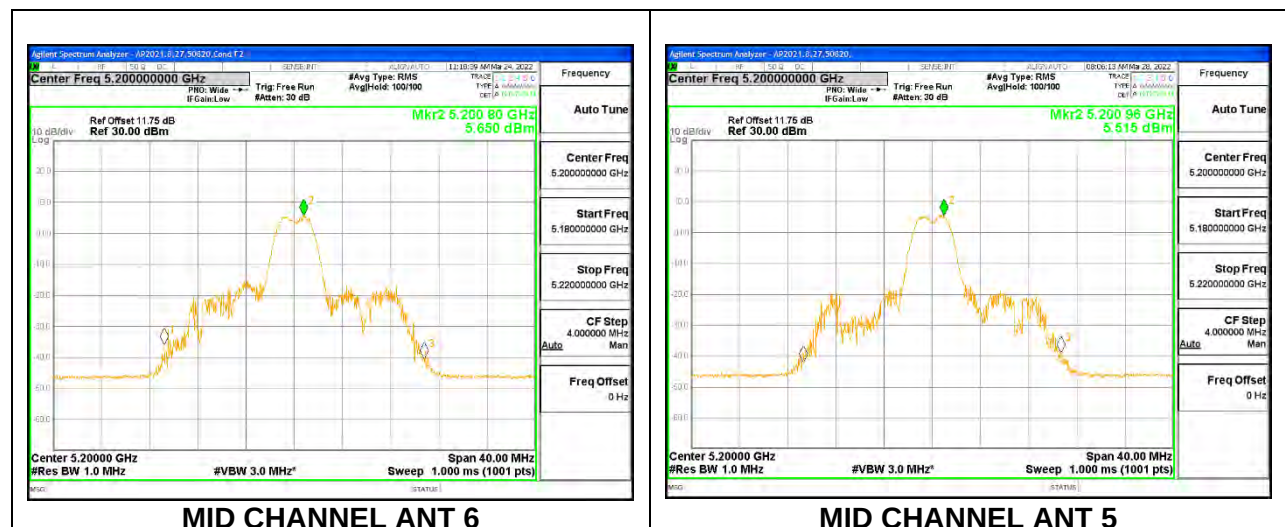
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.70	8.93	11.83	24.00	-12.17
Mid	5200	8.91	8.87	11.90	24.00	-12.10
High	5240	8.92	8.91	11.93	24.00	-12.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	5.551	5.511	8.541	11.00	-2.459
Mid	5200	5.650	5.515	8.593	11.00	-2.407
High	5240	5.847	5.788	8.828	11.00	-2.172



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.43	0.57	24.00	11.00
Mid	5200	-2.43	0.57	24.00	11.00
High	5240	-2.43	0.57	24.00	11.00

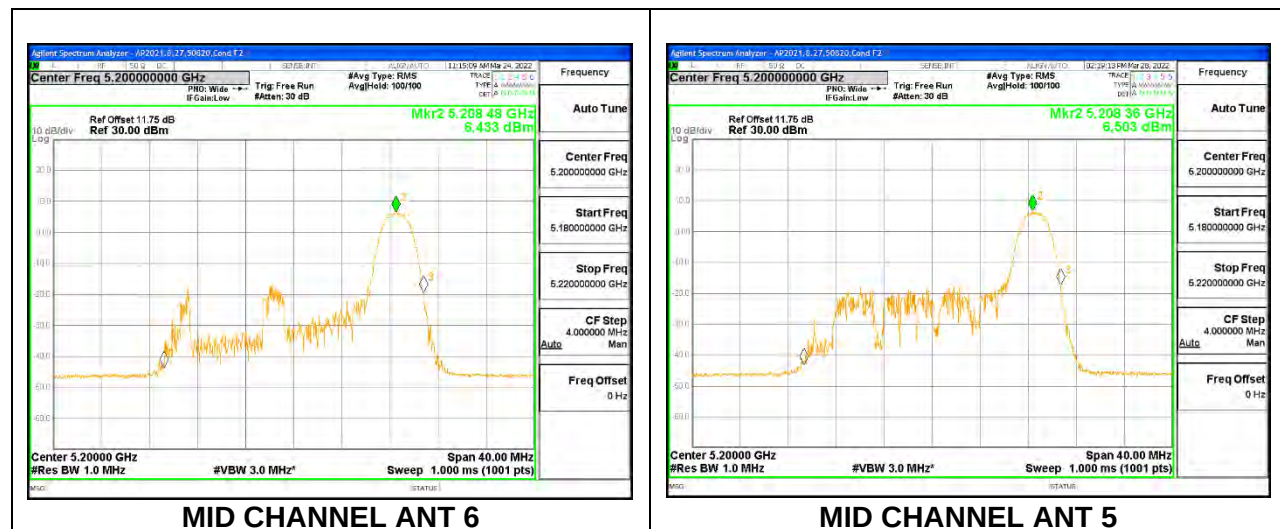
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.96	8.68	11.83	24.00	-12.17
Mid	5200	8.94	8.87	11.92	24.00	-12.08
High	5240	8.93	8.75	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	6.628	6.497	9.573	11.00	-1.427
Mid	5200	6.433	6.503	9.478	11.00	-1.522
High	5240	6.540	6.779	9.671	11.00	-1.329



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – SU Mode

Test Engineer:	50820
Test Date:	3/24/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.43	0.57	24.00	11.00
Mid	5200	-2.43	0.57	24.00	11.00
High	5240	-2.43	0.57	24.00	11.00

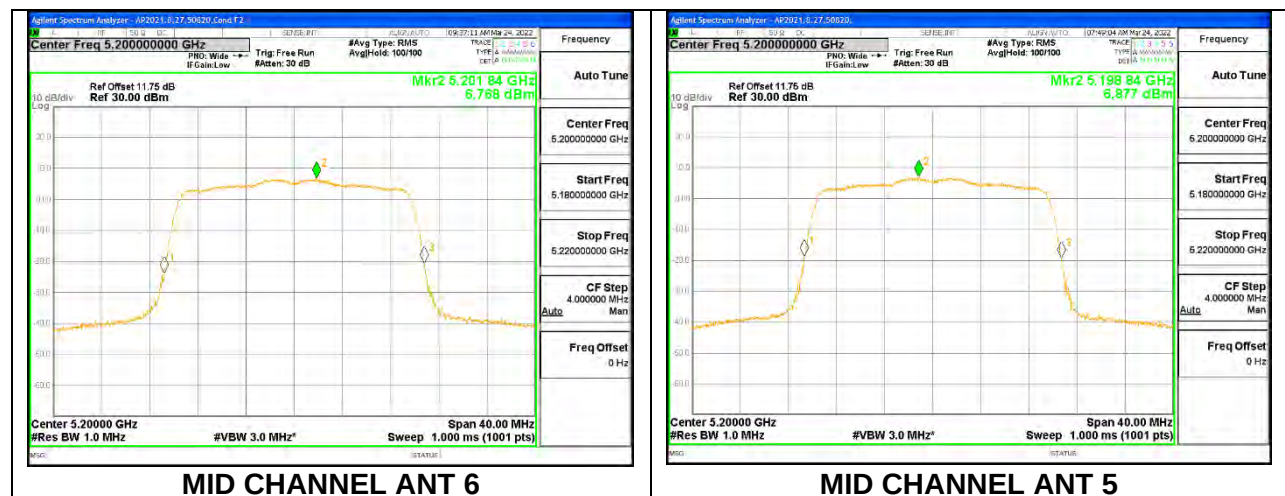
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.89	16.90	19.91	24.00	-4.09
Mid	5200	16.92	16.96	19.95	24.00	-4.05
High	5240	16.95	16.95	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	6.738	6.819	9.789	11.00	-1.211
Mid	5200	6.768	6.877	9.833	11.00	-1.167
High	5240	6.673	6.853	9.774	11.00	-1.226



9.4.5. 802.11ax HE40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.90	24.00	11.00
High	5230	-2.90	24.00	11.00

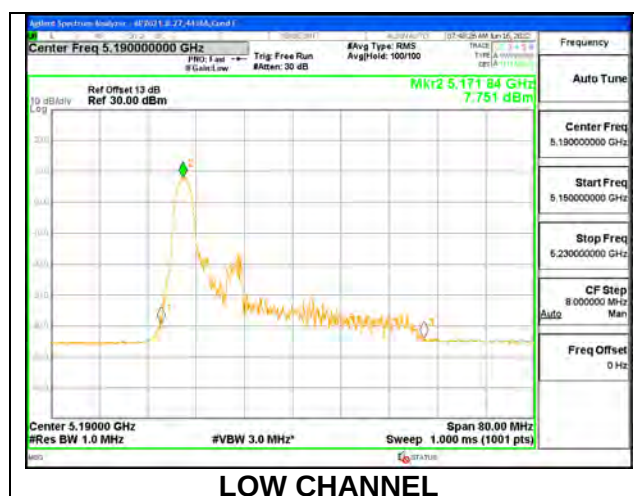
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.91	10.91	24.00	-13.09
High	5230	10.90	10.90	24.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.751	7.751	11.00	-3.249
High	5230	7.983	7.983	11.00	-3.017



1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.90	24.00	11.00
High	5230	-2.90	24.00	11.00

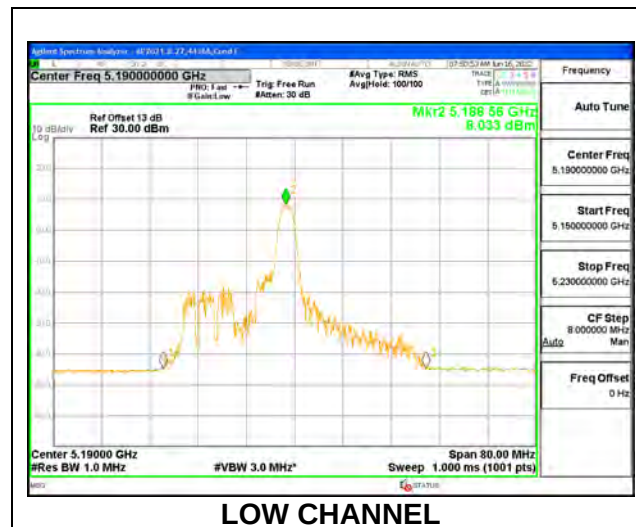
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.93	10.93	24.00	-13.07
High	5230	10.91	10.91	24.00	-13.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	8.033	8.033	11.00	-2.967
High	5230	7.938	7.938	11.00	-3.062



1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 17

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.90	24.00	11.00
High	5230	-2.90	24.00	11.00

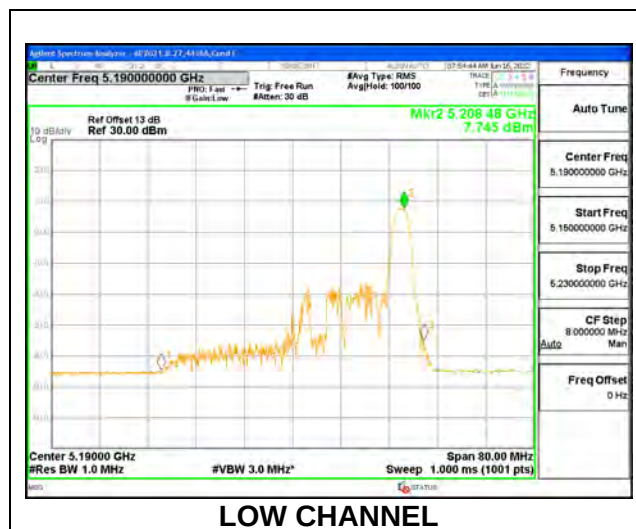
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.90	10.90	24.00	-13.10
High	5230	10.95	10.95	24.00	-13.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.745	7.745	11.00	-3.255
High	5230	7.982	7.982	11.00	-3.018



1TX Antenna 6 MODE (FCC) MOBILE – SU

Test Engineer:	19172
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.90	24.00	11.00
High	5230	-2.90	24.00	11.00

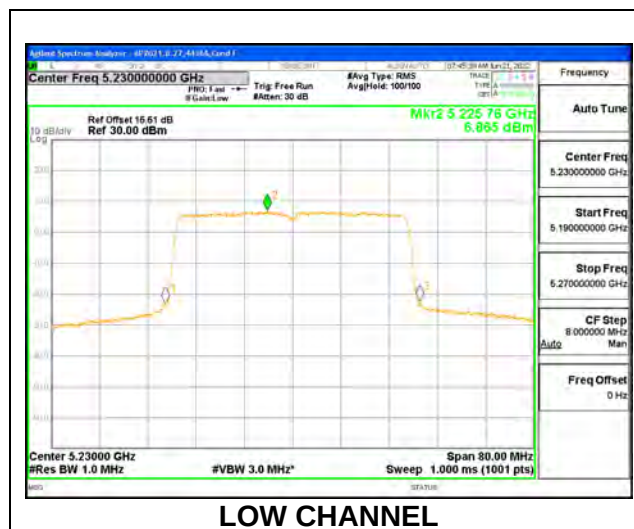
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.49	16.49	24.00	-7.51
High	5230	20.45	20.45	24.00	-3.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	2.219	2.369	11.00	-8.631
High	5230	6.865	7.015	11.00	-3.985



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/30/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	24.00	11.00
High	5230	-2.00	24.00	11.00

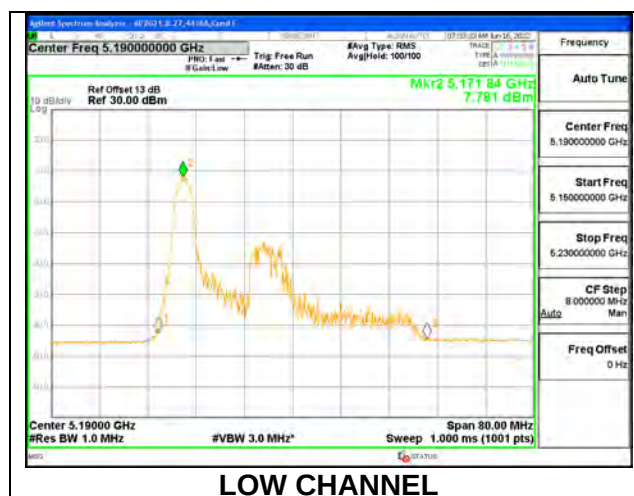
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.97	10.97	24.00	-13.03
High	5230	10.92	10.92	24.00	-13.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.781	7.781	11.00	-3.219
High	5230	7.981	7.981	11.00	-3.019



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/30/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	24.00	11.00
High	5230	-2.00	24.00	11.00

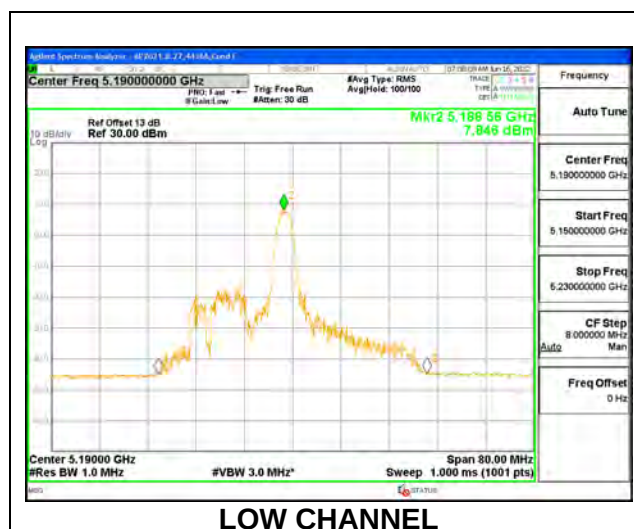
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.92	10.92	24.00	-13.08
High	5230	10.94	10.94	24.00	-13.06

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.846	7.846	11.00	-3.154
High	5230	8.055	8.055	11.00	-2.945



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 17

Test Engineer:	50820
Test Date:	3/30/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	24.00	11.00
High	5230	-2.00	24.00	11.00

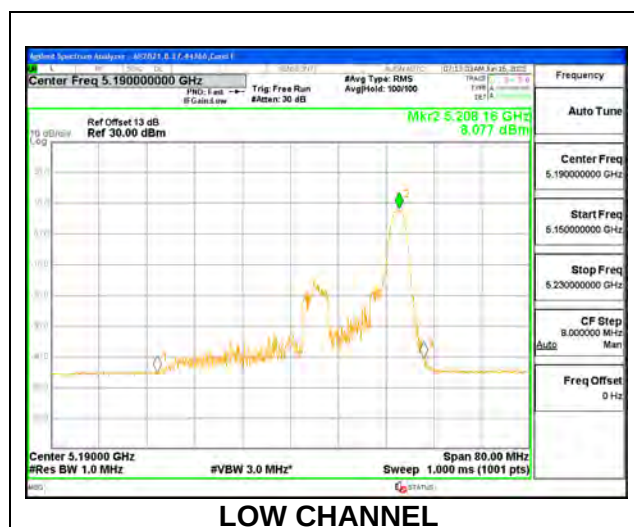
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.90	10.90	24.00	-13.10
High	5230	10.95	10.95	24.00	-13.05

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	8.077	8.077	11.00	-2.923
High	5230	7.918	7.918	11.00	-3.082



1TX Antenna 5 MODE (FCC) MOBILE – SU Mode

Test Engineer:	19172
Test Date:	3/24/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.00	24.00	11.00
High	5230	-2.00	24.00	11.00

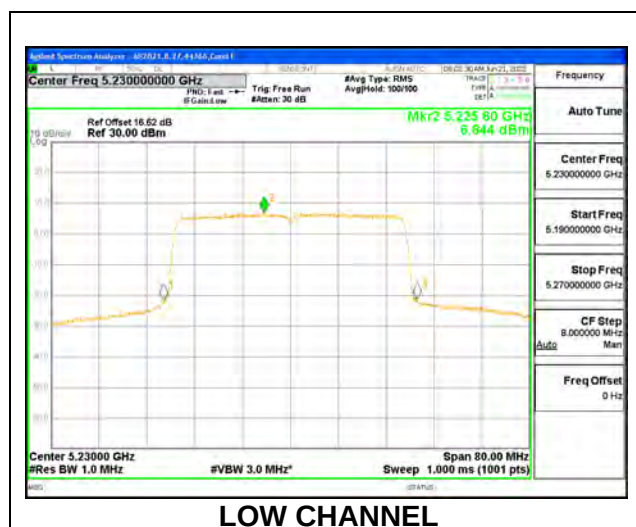
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.45	16.45	24.00	-7.55
High	5230	20.43	20.43	24.00	-3.57

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	2.232	2.382	11.00	-8.618
High	5230	6.844	6.994	11.00	-4.006



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/30/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.43	0.57	24.00	11.00
High	5230	-2.43	0.57	24.00	11.00

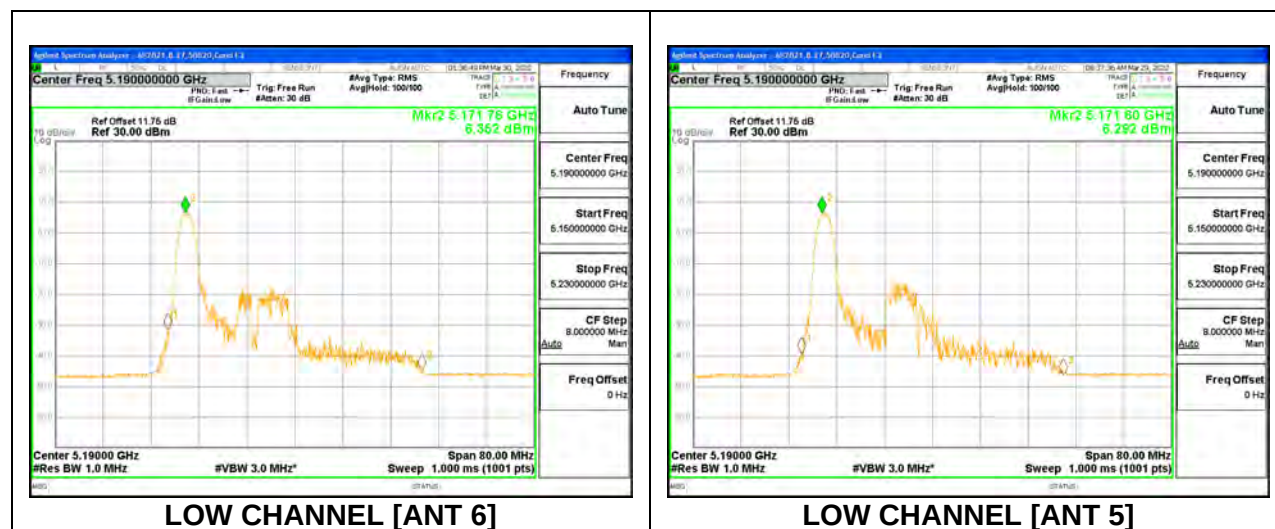
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.80	8.94	11.88	24.00	-12.12
High	5230	8.86	8.99	11.94	24.00	-12.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.352	6.292	9.332	11.00	-1.668
High	5230	6.267	6.423	9.356	11.00	-1.644



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/29/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.43	0.57	24.00	11.00
High	5230	-2.43	0.57	24.00	11.00

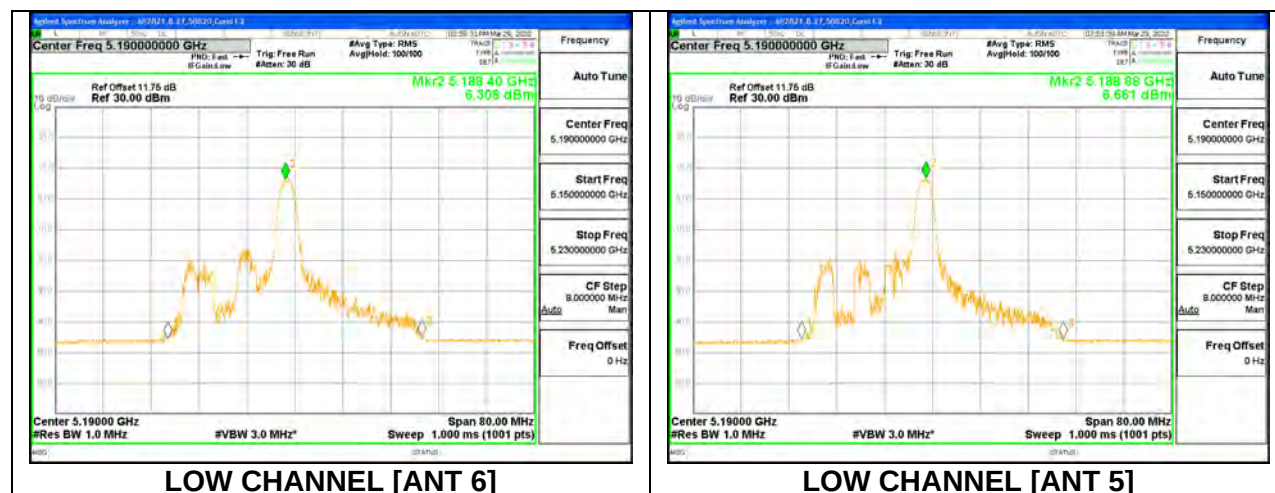
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.95	8.94	11.96	24.00	-12.04
High	5230	8.95	8.98	11.98	24.00	-12.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.308	6.661	9.498	11.00	-1.502
High	5230	6.586	6.663	9.635	11.00	-1.365



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 17

Test Engineer:	50820
Test Date:	3/29/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.43	0.57	24.00	11.00
High	5230	-2.43	0.57	24.00	11.00

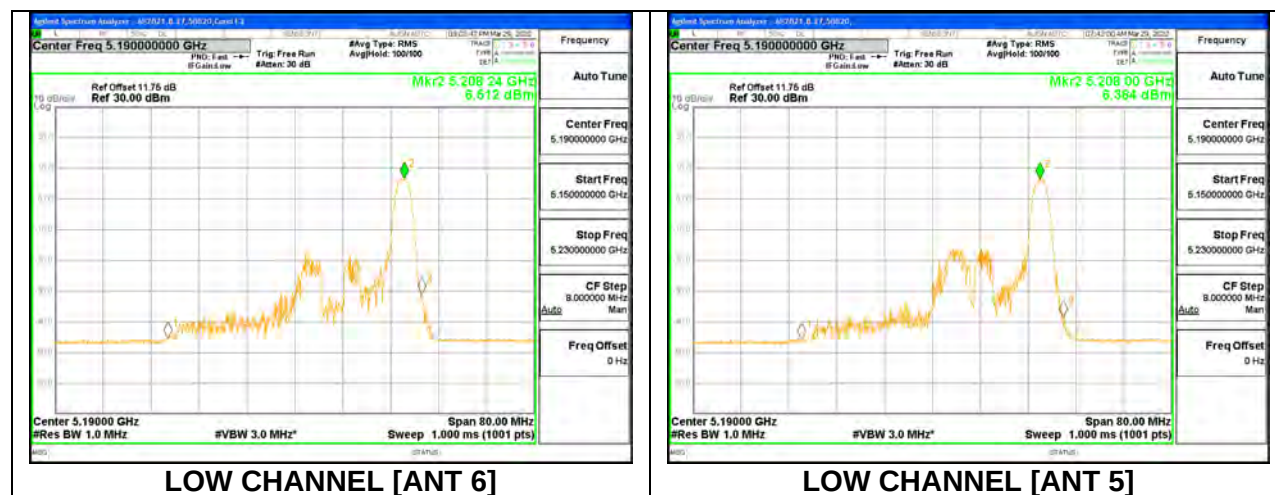
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.99	8.97	11.99	24.00	-12.01
High	5230	8.99	8.79	11.90	24.00	-12.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.512	6.384	9.459	11.00	-1.541
High	5230	6.513	6.656	9.595	11.00	-1.405



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – SU Mode

Test Engineer:	19172
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.43	0.57	24.00	11.00
High	5230	-2.43	0.57	24.00	11.00

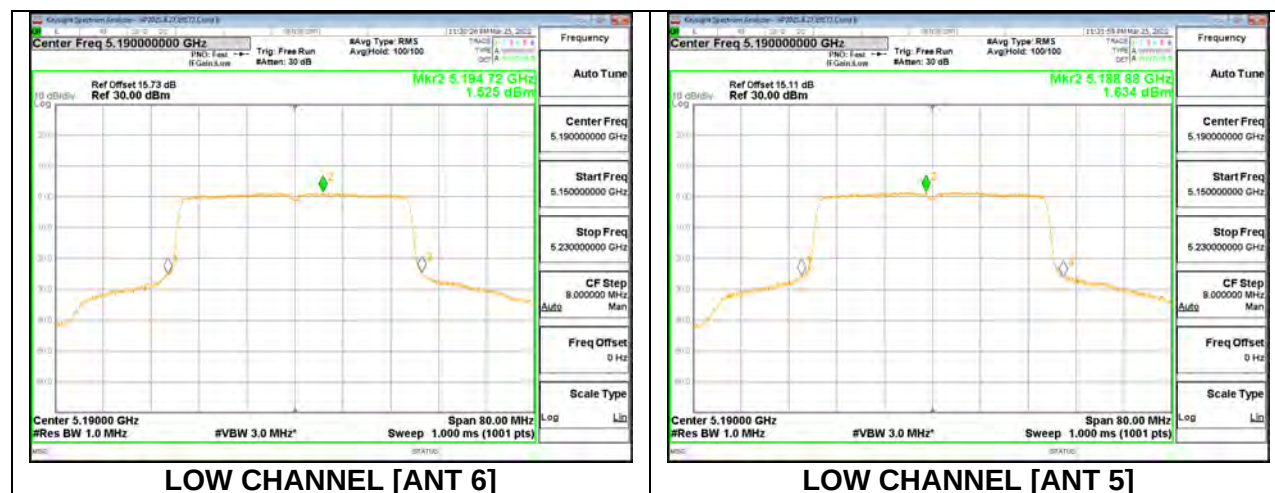
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.95	15.96	18.97	24.00	-5.03
High	5230	19.40	19.48	22.45	24.00	-1.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	1.525	1.634	4.740	11.00	-6.260
High	5230	4.890	5.040	8.126	11.00	-2.874



9.4.6. 802.11ax HE80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	19172
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.90	24.00	11.00

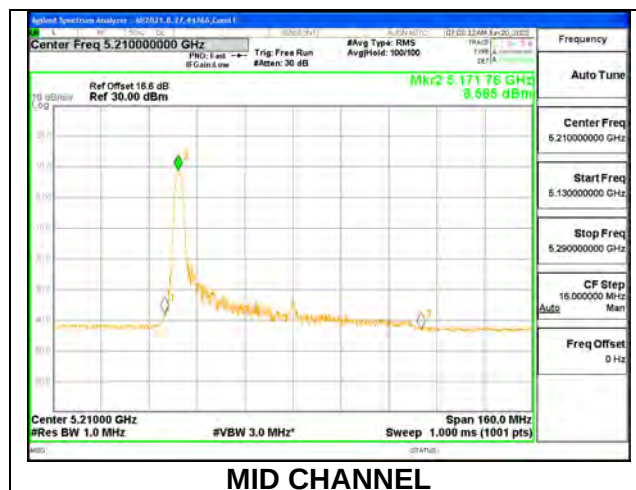
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.93	10.93	24.00	-13.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	8.585	8.585	11.00	-2.415



1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 18

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.90	24.00	11.00

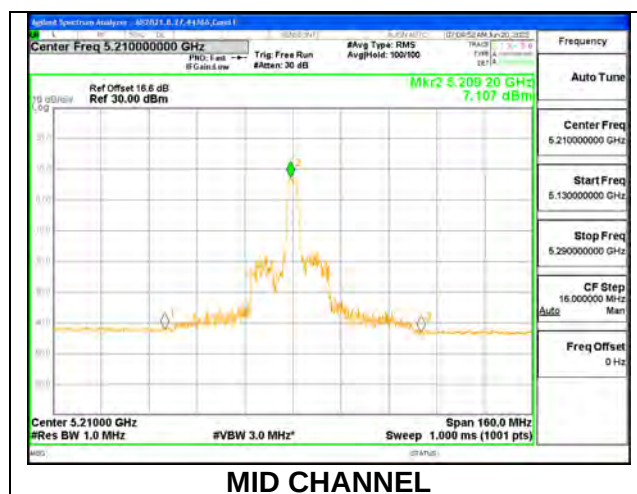
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.85	10.85	24.00	-13.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.107	7.107	11.00	-3.893



1TX Antenna 6 MODE (FCC) MOBILE – 26 Tones, RU Index 36

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.90	24.00	11.00

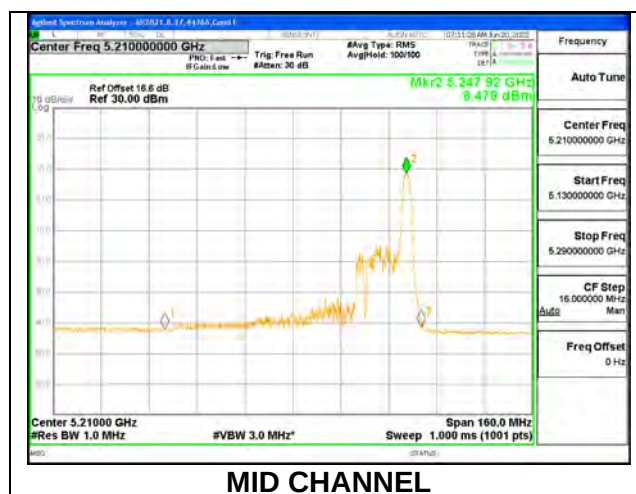
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.84	10.84	24.00	-13.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	8.497	8.497	11.00	-2.503



1TX Antenna 6 MODE (FCC) MOBILE – SU Mode

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.90	24.00	11.00

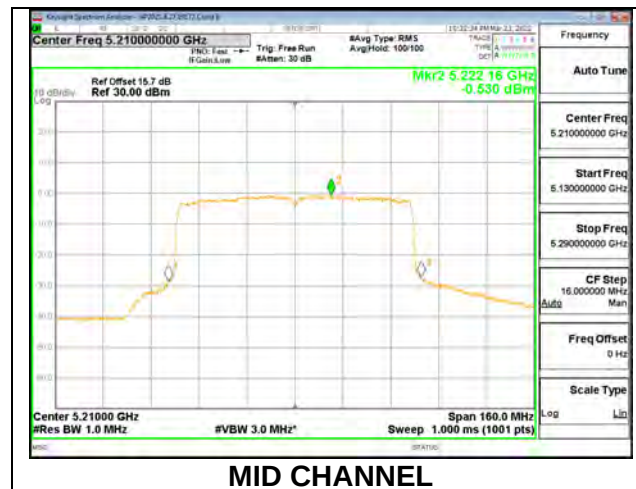
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.85	16.85	24.00	-7.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-0.530	-0.270	11.00	-11.270



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	19172
Test Date:	3/25/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	24.00	11.00

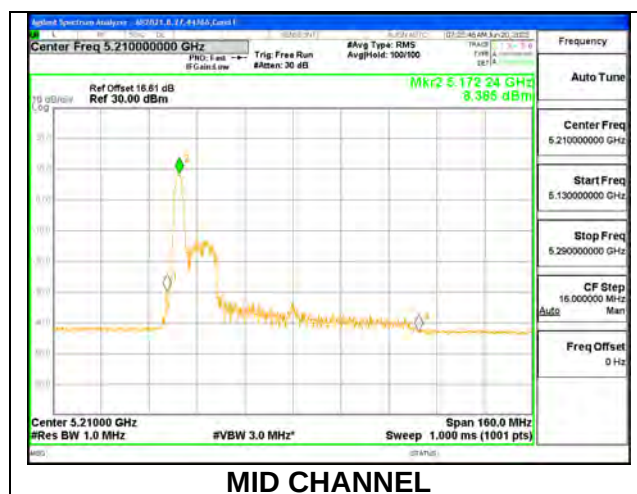
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.98	10.98	24.00	-13.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	8.385	8.385	11.00	-2.615



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 18

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	24.00	11.00

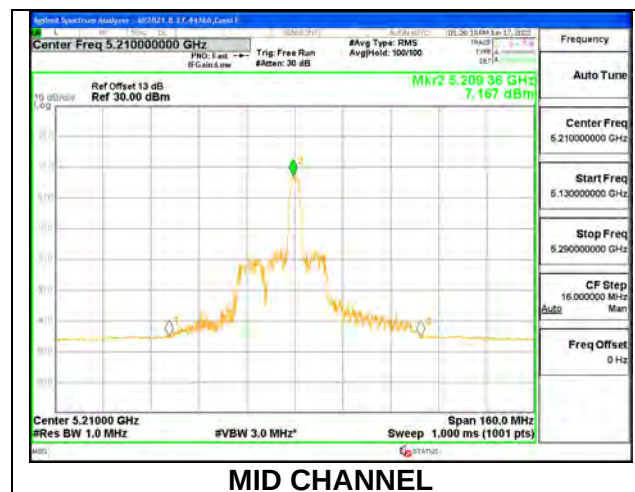
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.95	10.95	24.00	-13.05

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.167	7.167	11.00	-3.833



1TX Antenna 5 MODE (FCC) MOBILE – 26 Tones, RU Index 36

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	24.00	11.00

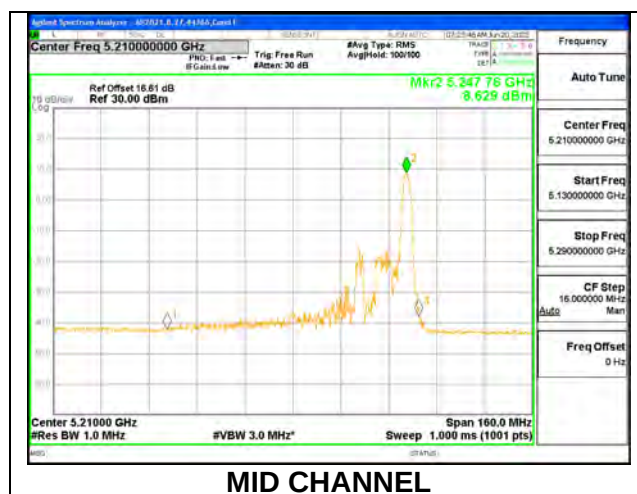
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.92	10.92	24.00	-13.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	8.629	8.629	11.00	-2.371



1TX Antenna 5 MODE (FCC) MOBILE – SU Mode

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.00	24.00	11.00

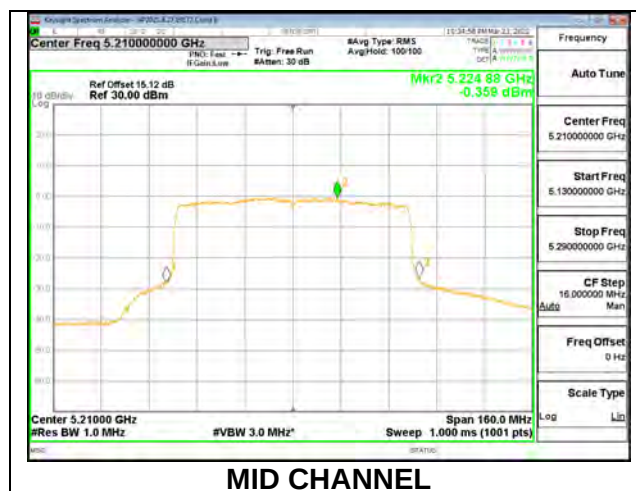
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.88	16.88	24.00	-7.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-0.359	-0.099	11.00	-11.099



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.43	0.57	24.00	11.00

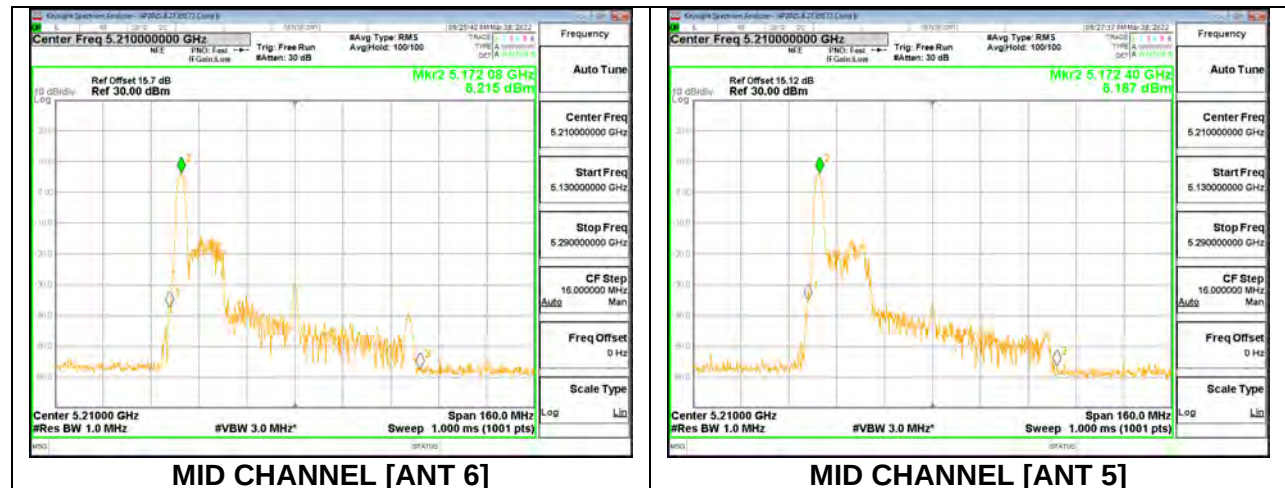
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.98	8.95	11.98	24.00	-12.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.215	6.187	9.211	11.00	-1.789



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 18

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.43	0.57	24.00	11.00

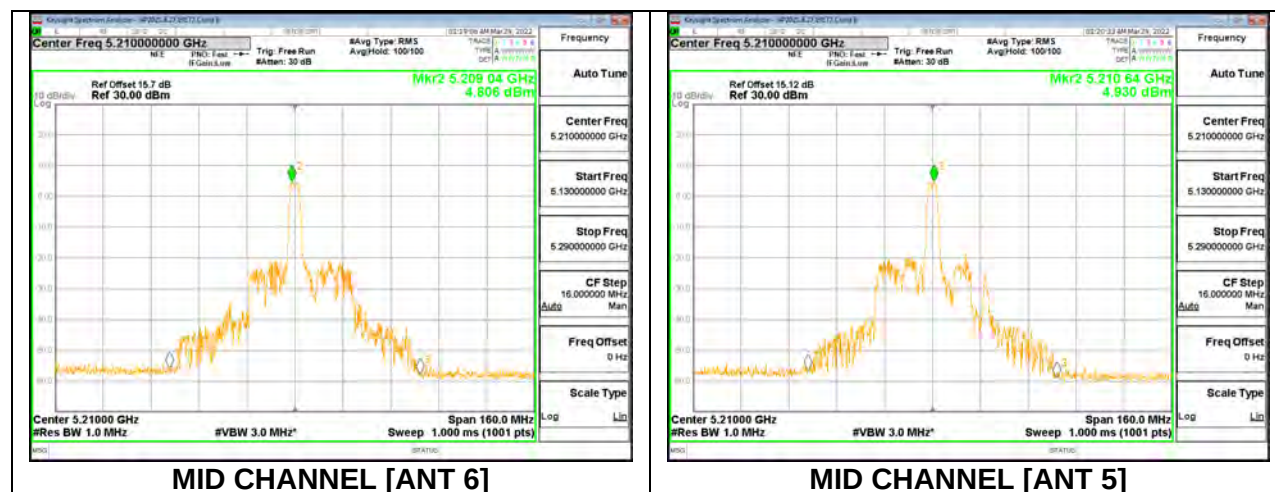
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.92	8.89	11.92	24.00	-12.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD	Antenna 5 Meas PSD	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	4.806	4.930	7.879	11.00	-3.121



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – 26 Tones, RU Index 36

Test Engineer:	19172
Test Date:	3/29/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.43	0.57	24.00	11.00

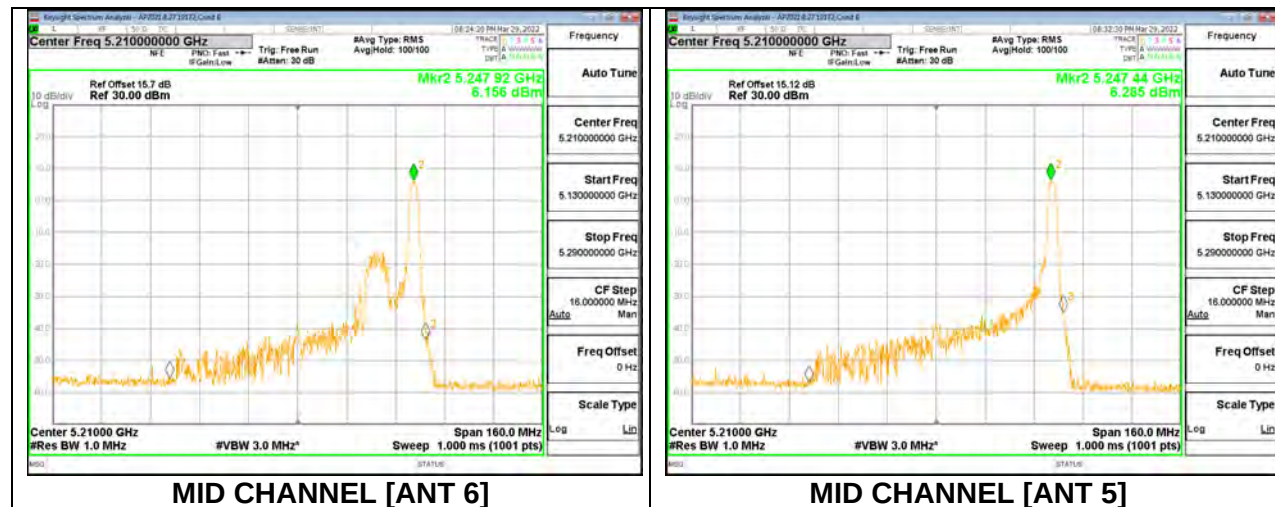
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.88	8.90	11.90	24.00	-12.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.156	6.285	9.231	11.00	-1.769



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) MOBILE – SU Mode

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.43	0.57	24.00	11.00

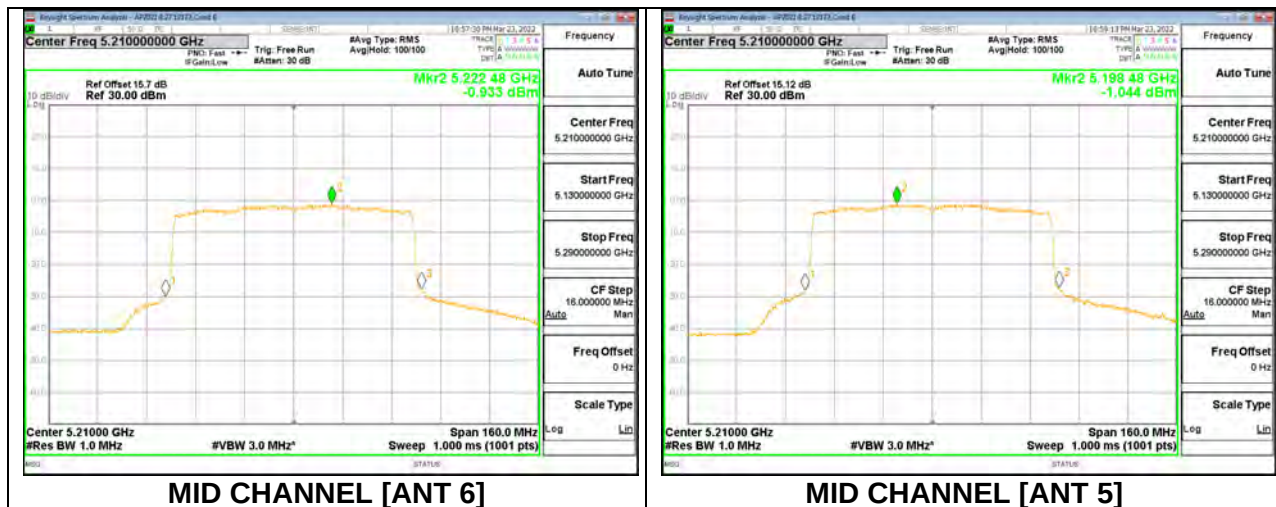
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.85	16.00	18.94	24.00	-5.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-0.933	-1.044	2.282	11.00	-8.718



9.4.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	44366
Test Date:	3/21/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.02	-2.20	24.00	11.00
Mid	5300	20.72	-2.20	24.00	11.00
High	5320	21.37	-2.20	24.00	11.00

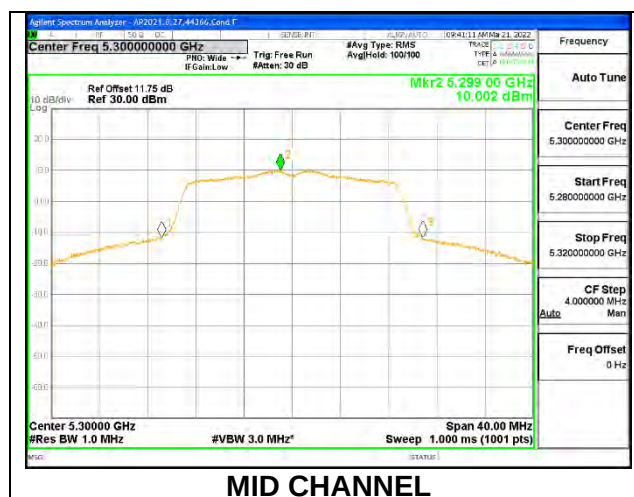
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.98	19.98	24.00	-4.02
Mid	5300	19.94	19.94	24.00	-4.06
High	5320	18.95	18.95	24.00	-5.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.158	10.258	11.00	-0.742
Mid	5300	10.002	10.102	11.00	-0.898
High	5320	8.994	9.094	11.00	-1.906



1TX Antenna 5 MODE (FCC)

Test Engineer:	44366
Test Date:	3/21/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.86	-1.00	24.00	11.00
Mid	5300	21.24	-1.00	24.00	11.00
High	5320	21.64	-1.00	24.00	11.00

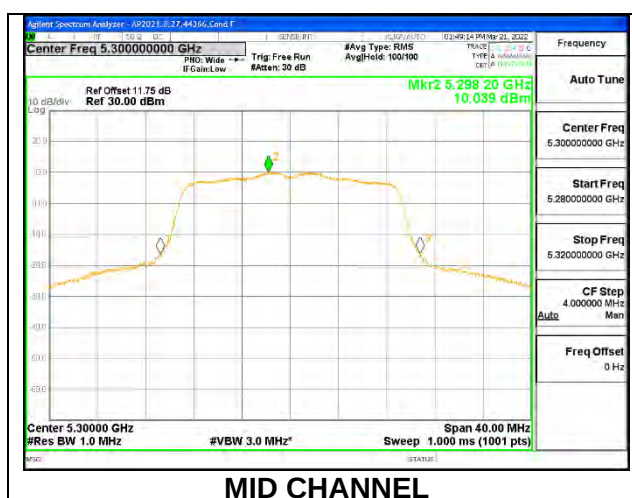
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.97	19.97	24.00	-4.03
Mid	5300	19.92	19.92	24.00	-4.08
High	5320	18.93	18.93	24.00	-5.07

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.322	10.422	11.00	-0.578
Mid	5300	10.039	10.139	11.00	-0.861
High	5320	8.804	8.904	11.00	-2.096



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Test Engineer:	50820
Test Date:	3/22/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.70	-1.56	1.43	24.00	11.00
Mid	5300	20.48	-1.56	1.43	24.00	11.00
High	5320	21.31	-1.56	1.43	24.00	11.00

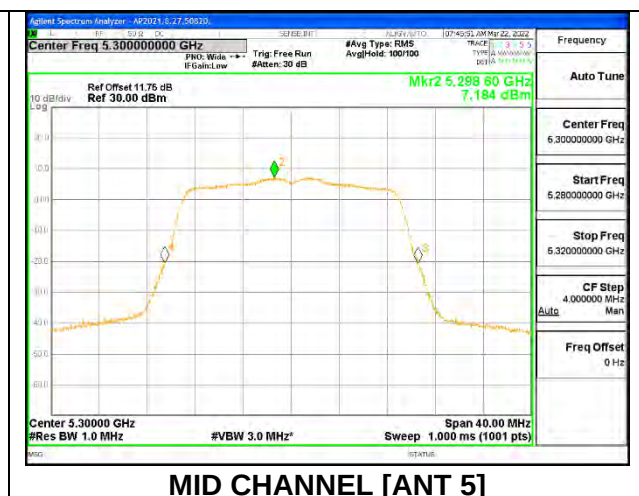
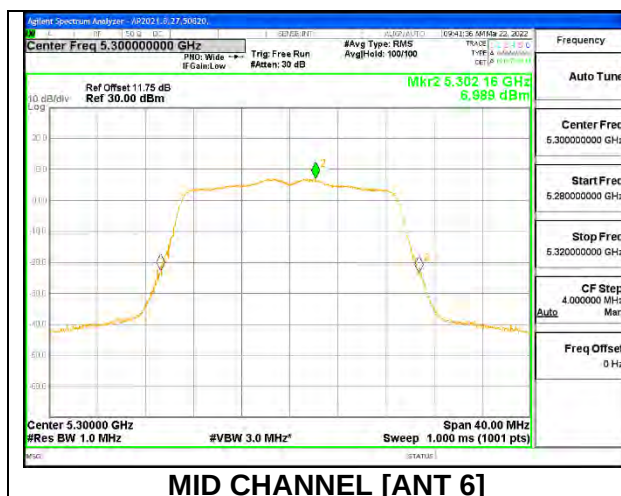
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.92	16.86	19.90	24.00	-4.10
Mid	5300	16.86	16.91	19.90	24.00	-4.10
High	5320	16.97	16.94	19.97	24.00	-4.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.065	7.167	10.227	11.00	-0.773
Mid	5300	6.989	7.184	10.198	11.00	-0.802
High	5320	6.829	7.012	10.032	11.00	-0.968



9.4.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	50820
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.82	-2.20	24.00	11.00
High	5310	42.11	-2.20	24.00	11.00

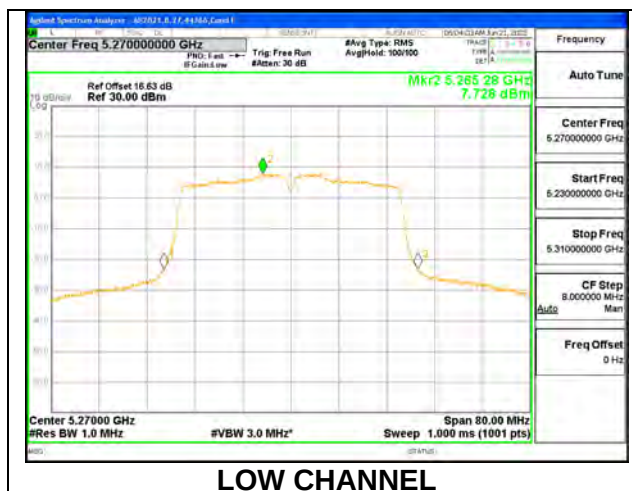
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.46	20.46	24.00	-3.54
High	5310	16.91	16.91	24.00	-7.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.728	7.928	11.00	-3.072
High	5310	4.008	4.208	11.00	-6.792



1TX Antenna 5 MODE (FCC)

Test Engineer:	19172
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.88	-1.00	24.00	11.00
High	5310	42.61	-1.00	24.00	11.00

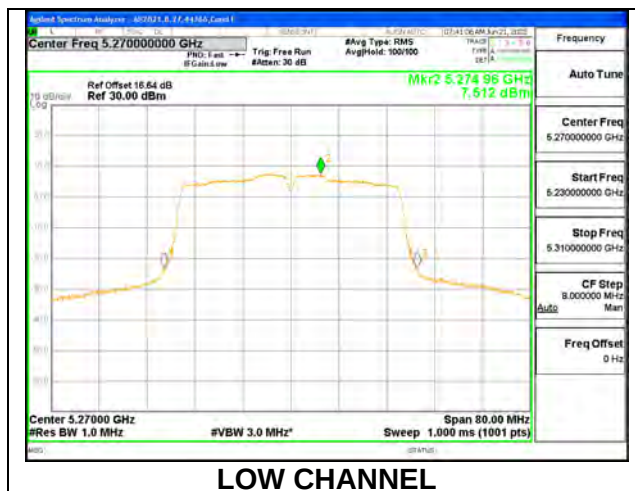
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.41	20.41	24.00	-3.59
High	5310	16.92	16.92	24.00	-7.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.512	7.712	11.00	-3.288
High	5310	3.976	3.976	11.00	-7.024



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Test Engineer:	19172
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.65	-1.56	1.43	24.00	11.00
High	5310	41.90	-1.56	1.43	24.00	11.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.42	19.44	22.44	24.00	-1.56
High	5310	15.43	15.42	18.44	24.00	-5.56

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.290	6.411	9.561	11.00	-1.439
High	5310	2.146	2.291	5.429	11.00	-5.571



9.4.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.89	-2.20	24.00	11.00

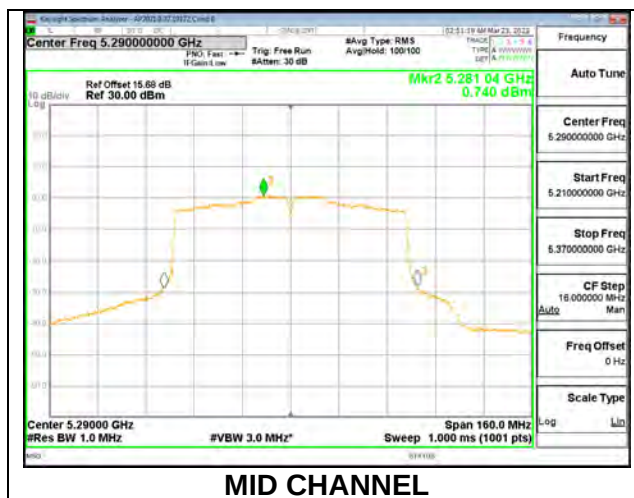
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.94	16.94	24.00	-7.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.740	0.940	11.00	-10.060



1TX Antenna 5 MODE (FCC)

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.96	-1.00	24.00	11.00

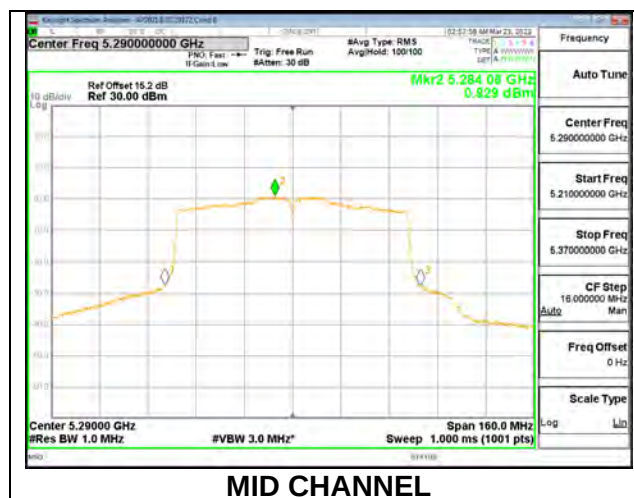
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.98	16.98	24.00	-7.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.829	1.029	11.00	-9.971



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.15	-1.56	1.43	24.00	11.00

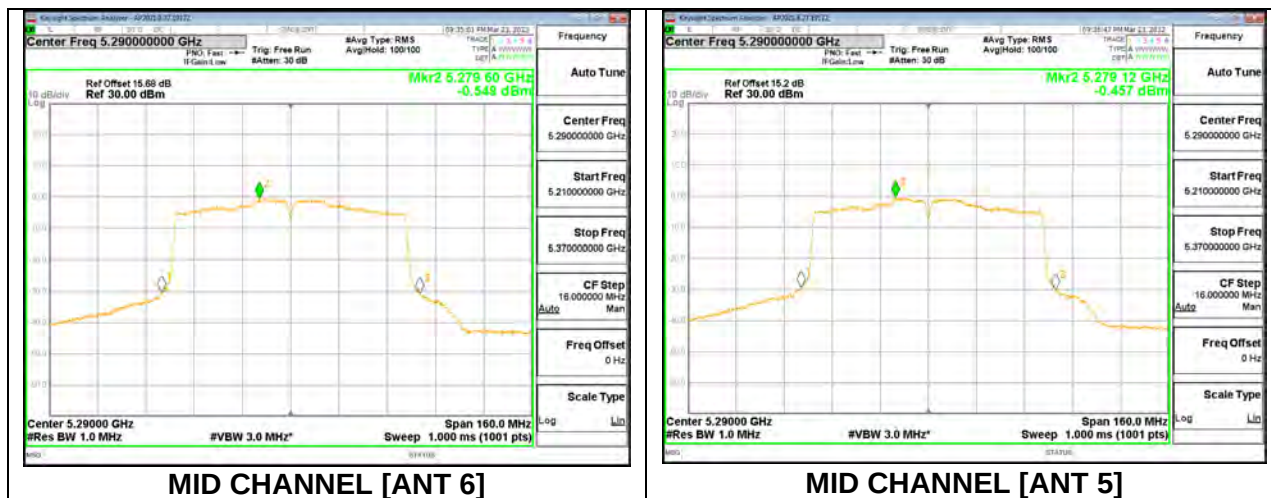
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.40	15.39	18.41	24.00	-5.59

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.548	-0.457	2.708	11.00	-8.292



9.4.10. 802.11ax HE20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.87	-2.20	23.98	11.00
Mid	5300	19.94	-2.20	24.00	11.00
High	5320	19.83	-2.20	23.97	11.00

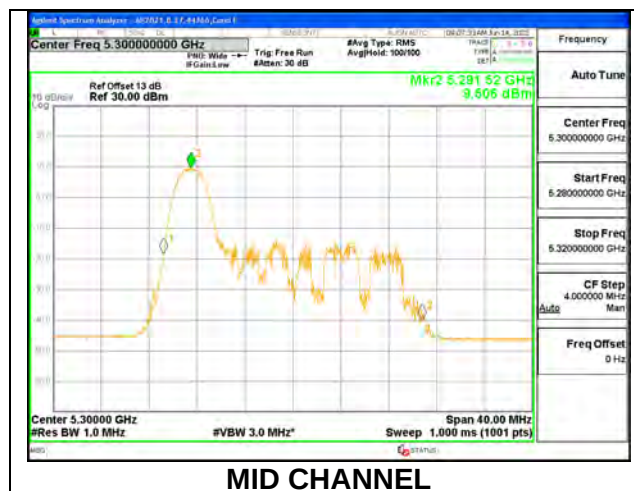
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.94	11.94	23.98	-12.04
Mid	5300	11.91	11.91	24.00	-12.09
High	5320	11.98	11.98	23.97	-11.99

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.449	9.449	11.00	-1.551
Mid	5300	9.506	9.506	11.00	-1.494
High	5320	9.400	9.400	11.00	-1.600



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 4

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.09	-2.20	23.81	11.00
Mid	5300	18.58	-2.20	23.69	11.00
High	5320	19.23	-2.20	23.84	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.92	11.92	23.81	-11.89
Mid	5300	11.91	11.91	23.69	-11.78
High	5320	11.95	11.95	23.84	-11.89

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.540	8.540	11.00	-2.460
Mid	5300	8.608	8.608	11.00	-2.392
High	5320	8.533	8.533	11.00	-2.467



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.72	-2.20	24.00	11.00
Mid	5300	20.64	-2.20	24.00	11.00
High	5320	20.63	-2.20	24.00	11.00

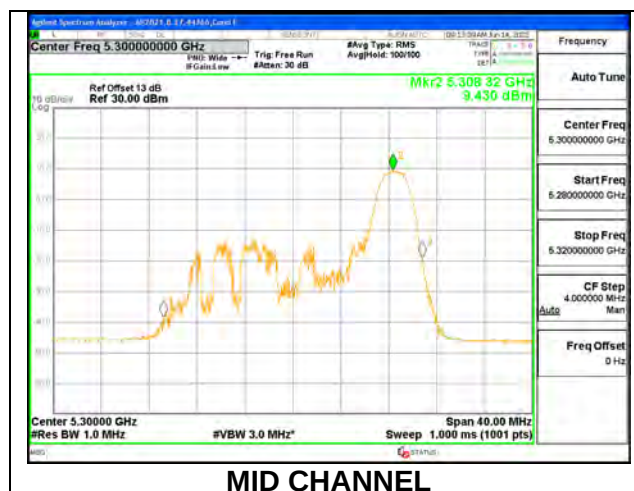
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.95	11.95	24.00	-12.05
Mid	5300	11.97	11.97	24.00	-12.03
High	5320	11.94	11.94	24.00	-12.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.667	9.667	11.00	-1.333
Mid	5300	9.430	9.430	11.00	-1.570
High	5320	9.466	9.466	11.00	-1.534



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	50820
Test Date:	3/22/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.83	-2.20	24.00	11.00
Mid	5300	20.89	-2.20	24.00	11.00
High	5320	20.35	-2.20	24.00	11.00

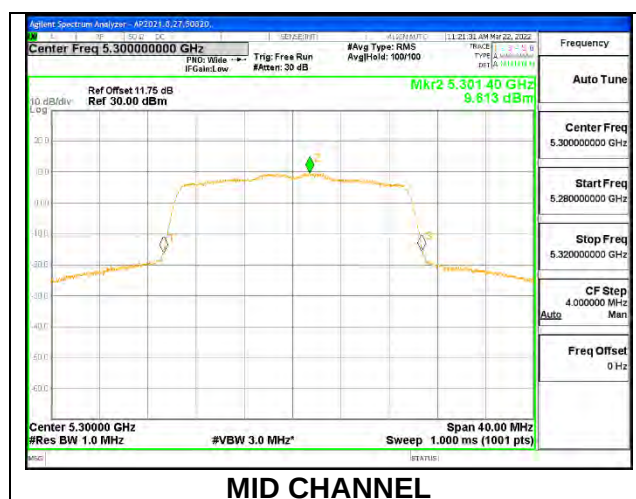
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.95	19.95	24.00	-4.05
Mid	5300	19.80	19.80	24.00	-4.20
High	5320	18.43	18.43	24.00	-5.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.982	9.982	11.00	-1.018
Mid	5300	9.613	9.613	11.00	-1.387
High	5320	8.219	8.219	11.00	-2.781



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.00	-1.00	24.00	11.00
Mid	5300	20.09	-1.00	24.00	11.00
High	5320	20.10	-1.00	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.90	11.90	24.00	-12.10
Mid	5300	11.96	11.96	24.00	-12.04
High	5320	11.90	11.90	24.00	-12.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.550	9.550	11.00	-1.450
Mid	5300	9.679	9.679	11.00	-1.321
High	5320	9.543	9.543	11.00	-1.457



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 4

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.41	-1.00	23.88	11.00
Mid	5300	18.85	-1.00	23.75	11.00
High	5320	18.92	-1.00	23.77	11.00

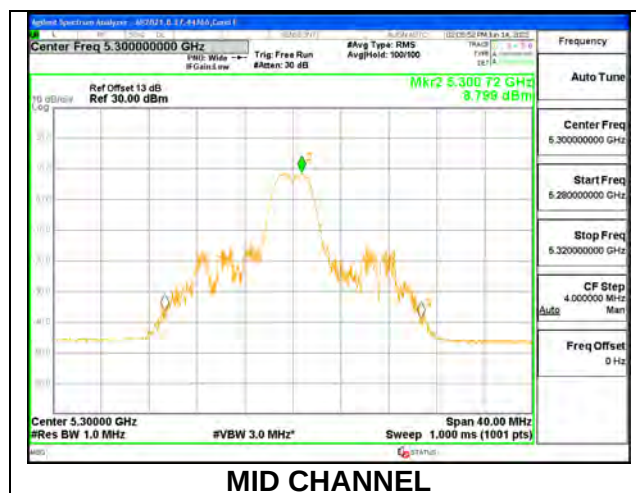
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.96	11.96	23.88	-11.92
Mid	5300	11.93	11.93	23.75	-11.82
High	5320	11.94	11.94	23.77	-11.83

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.722	8.722	11.00	-2.278
Mid	5300	8.799	8.799	11.00	-2.201
High	5320	8.802	8.802	11.00	-2.198



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.59	-1.00	24.00	11.00
Mid	5300	20.52	-1.00	24.00	11.00
High	5320	20.05	-1.00	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.92	11.92	24.00	-12.08
Mid	5300	11.92	11.92	24.00	-12.08
High	5320	11.90	11.90	24.00	-12.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.640	9.640	11.00	-1.360
Mid	5300	9.496	9.496	11.00	-1.504
High	5320	9.586	9.586	11.00	-1.414



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	50820
Test Date:	3/22/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.84	-1.00	24.00	11.00
Mid	5300	20.32	-1.00	24.00	11.00
High	5320	20.95	-1.00	24.00	11.00

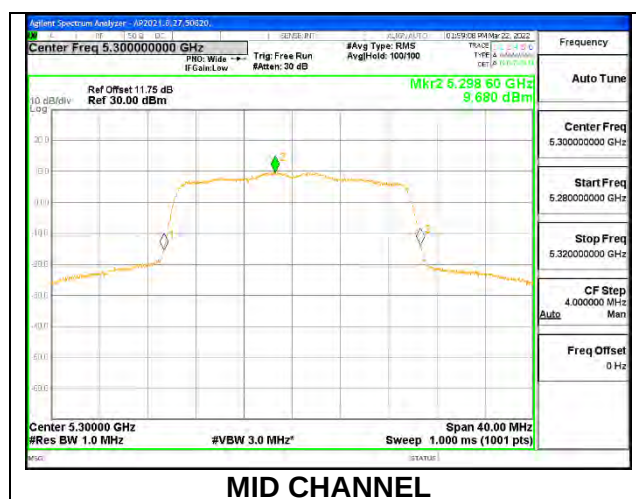
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.97	19.97	24.00	-4.03
Mid	5300	19.98	19.98	24.00	-4.02
High	5320	18.49	18.49	24.00	-5.51

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.952	9.952	11.00	-1.048
Mid	5300	9.680	9.680	11.00	-1.320
High	5320	8.340	8.340	11.00	-2.660



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.60	-1.56	1.43	23.92	11.00
Mid	5300	19.71	-1.56	1.43	23.95	11.00
High	5320	19.76	-1.56	1.43	23.96	11.00

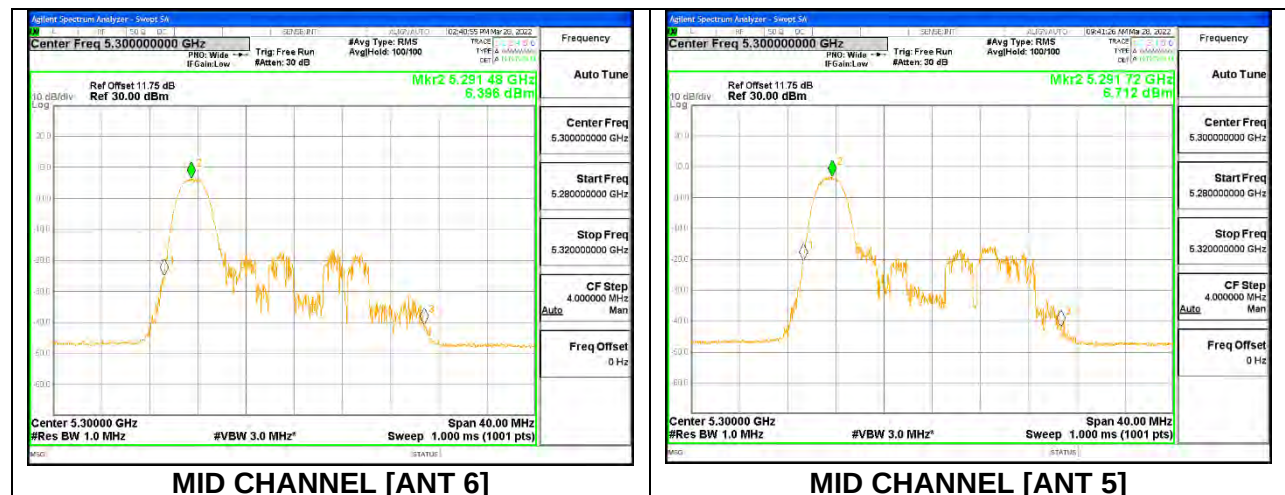
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.99	8.90	11.96	23.92	-11.97
Mid	5300	8.99	8.99	12.00	23.95	-11.95
High	5320	8.78	8.98	11.89	23.96	-12.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.489	6.551	9.530	11.00	-1.470
Mid	5300	6.396	6.712	9.567	11.00	-1.433
High	5320	6.604	6.561	9.593	11.00	-1.407



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 4

Test Engineer:	50820
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	18.43	-1.56	1.43	23.66	11.00
Mid	5300	18.08	-1.56	1.43	23.57	11.00
High	5320	18.26	-1.56	1.43	23.62	11.00

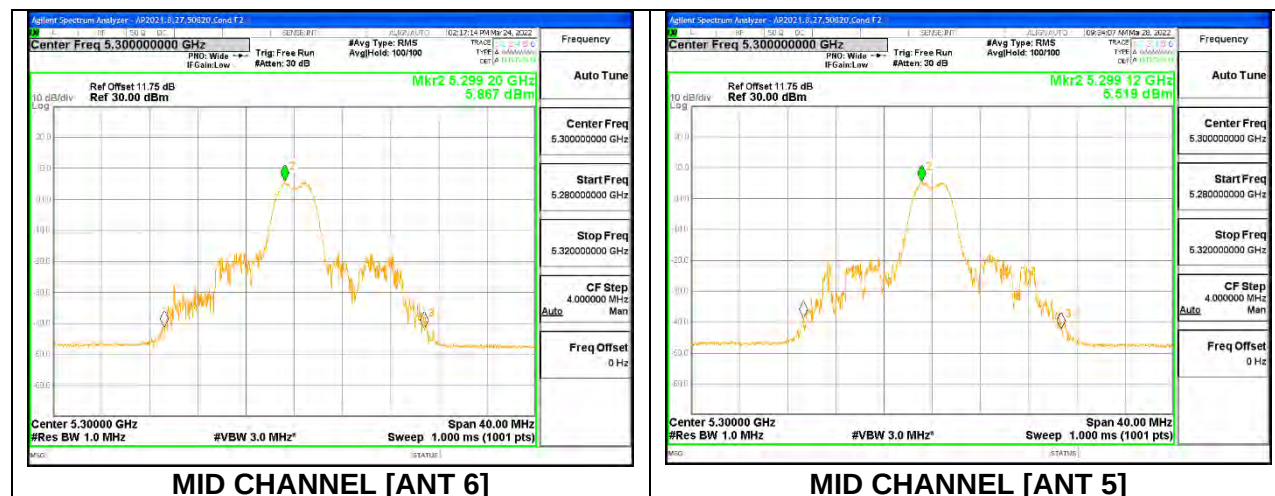
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.99	8.94	11.98	23.66	-11.68
Mid	5300	8.92	8.72	11.83	23.57	-11.74
High	5320	8.99	8.78	11.90	23.62	-11.72

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	5.810	5.619	8.726	11.00	-2.274
Mid	5300	5.867	5.519	8.707	11.00	-2.293
High	5320	5.540	5.375	8.469	11.00	-2.531



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.55	-1.56	1.43	23.91	11.00
Mid	5300	19.65	-1.56	1.43	23.93	11.00
High	5320	19.63	-1.56	1.43	23.93	11.00

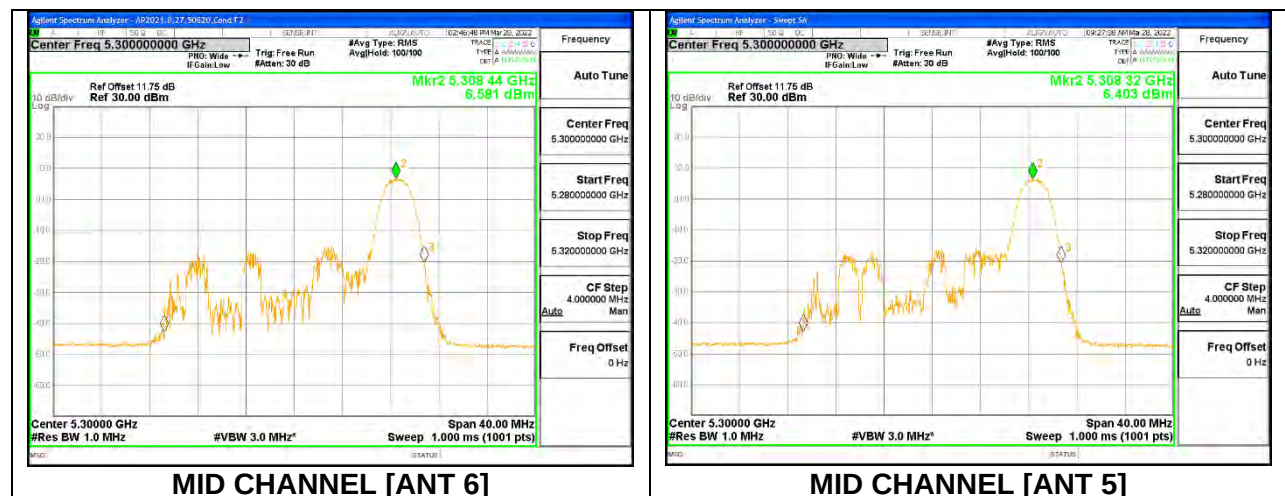
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.84	8.94	11.90	23.91	-12.01
Mid	5300	8.83	8.83	11.84	23.93	-12.09
High	5320	8.75	8.75	11.76	23.93	-12.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.500	6.790	9.658	11.00	-1.342
Mid	5300	6.581	6.403	9.503	11.00	-1.497
High	5320	6.346	6.515	9.442	11.00	-1.558



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – SU Mode

Test Engineer:	50820
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.45	-1.56	1.43	24.00	11.00
Mid	5300	20.76	-1.56	1.43	24.00	11.00
High	5320	20.97	-1.56	1.43	24.00	11.00

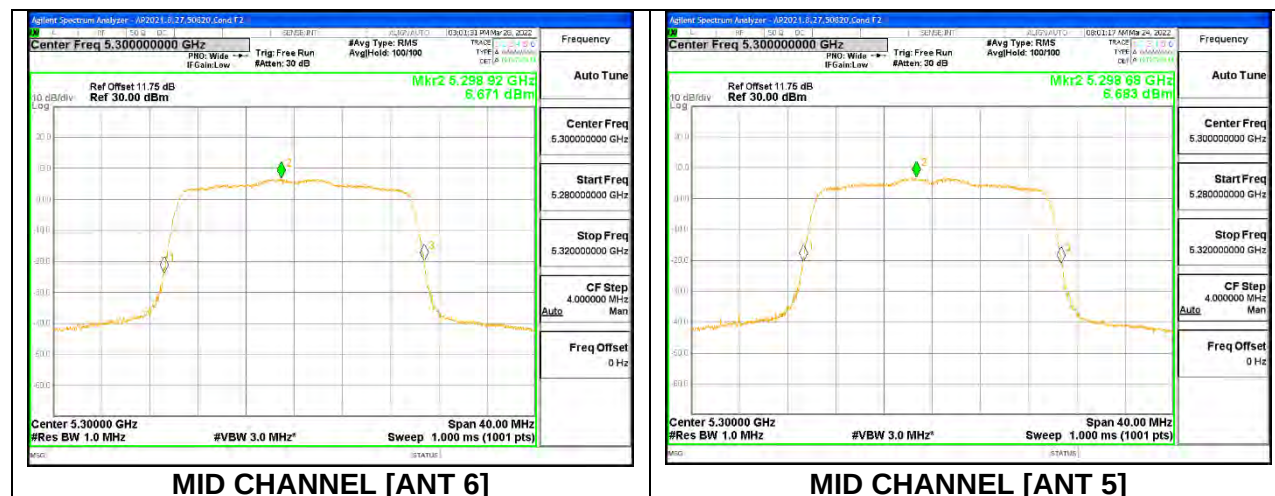
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.98	16.98	19.99	24.00	-4.01
Mid	5300	16.94	16.99	19.98	24.00	-4.02
High	5320	16.99	16.97	19.99	24.00	-4.01

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.858	6.727	9.803	11.00	-1.197
Mid	5300	6.671	6.683	9.687	11.00	-1.313
High	5320	6.886	6.850	9.878	11.00	-1.122



9.4.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/31/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	19.84	-2.20	23.98	11.00
High	5310	21.49	-2.20	24.00	11.00

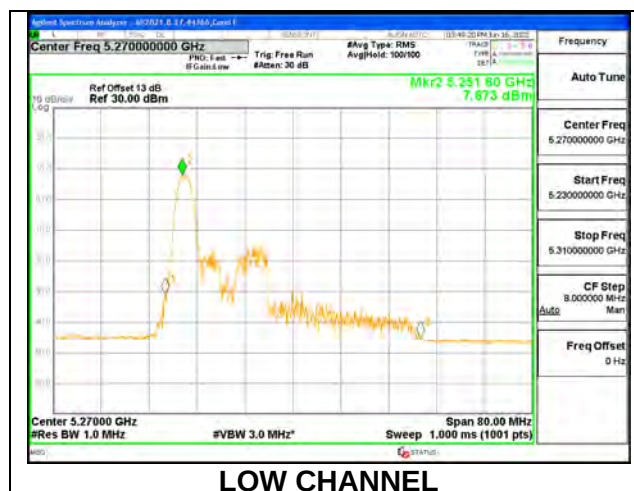
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.95	10.95	23.98	-13.03
High	5310	10.96	10.96	24.00	-13.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.873	7.873	11.00	-3.127
High	5310	8.099	8.099	11.00	-2.901



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/31/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	24.05	-2.20	24.00	11.00
High	5310	23.75	-2.20	24.00	11.00

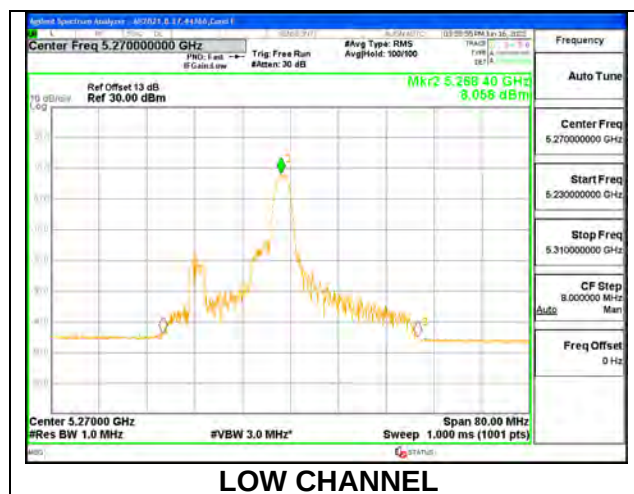
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.90	10.90	24.00	-13.10
High	5310	10.90	10.90	24.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.058	8.058	11.00	-2.942
High	5310	8.023	8.023	11.00	-2.977



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 17

Test Engineer:	50820
Test Date:	3/31/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.95	-2.20	24.00	11.00
High	5310	21.22	-2.20	24.00	11.00

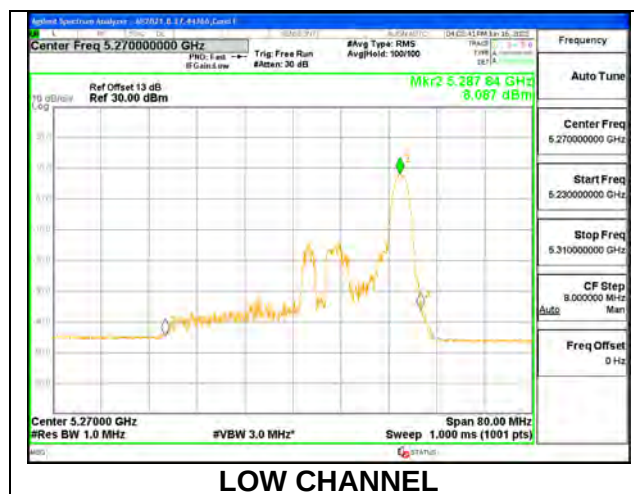
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.92	10.92	24.00	-13.08
High	5310	10.94	10.94	24.00	-13.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.087	8.087	11.00	-2.913
High	5310	8.091	8.091	11.00	-2.909



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.81	-2.20	24.00	11.00
High	5310	44.17	-2.20	24.00	11.00

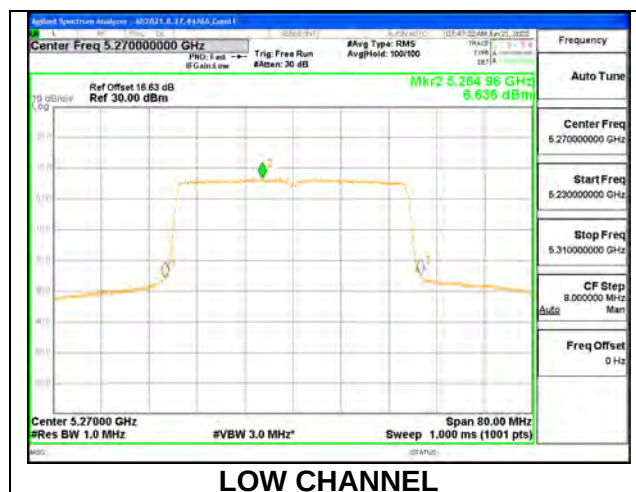
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.42	20.42	24.00	-3.58
High	5310	15.93	15.93	24.00	-8.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.636	6.786	11.00	-4.214
High	5310	1.666	1.816	11.00	-9.184



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/30/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.11	-1.00	24.00	11.00
High	5310	21.10	-1.00	24.00	11.00

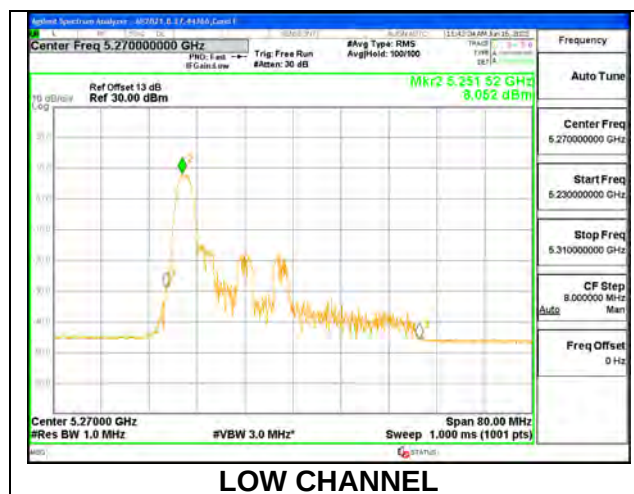
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.91	10.91	24.00	-13.09
High	5310	10.93	10.93	24.00	-13.07

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.052	8.052	11.00	-2.948
High	5310	8.014	8.014	11.00	-2.986



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/30/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	24.13	-1.00	24.00	11.00
High	5310	23.05	-1.00	24.00	11.00

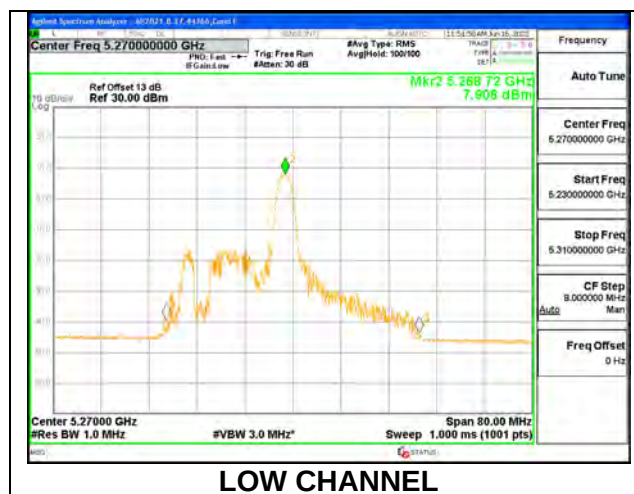
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.92	10.92	24.00	-13.08
High	5310	10.97	10.97	24.00	-13.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.908	7.908	11.00	-3.092
High	5310	8.050	8.050	11.00	-2.950



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 17

Test Engineer:	50820
Test Date:	3/30/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	21.50	-1.00	24.00	11.00
High	5310	21.27	-1.00	24.00	11.00

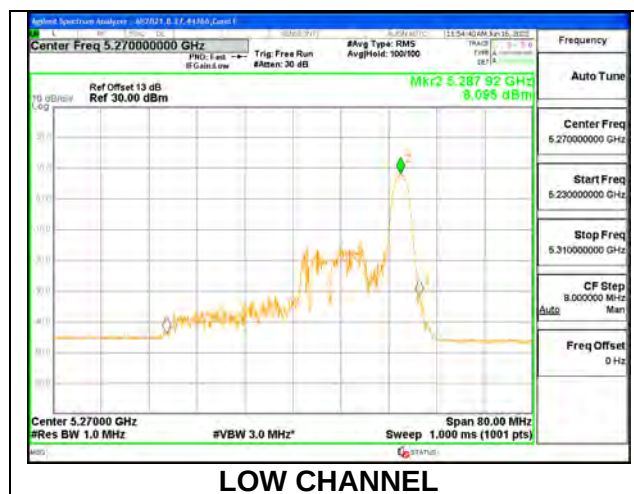
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.96	10.96	24.00	-13.04
High	5310	10.97	10.97	24.00	-13.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.095	8.095	11.00	-2.905
High	5310	8.058	8.058	11.00	-2.942



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	50820
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.42	-1.00	24.00	11.00
High	5310	41.14	-1.00	24.00	11.00

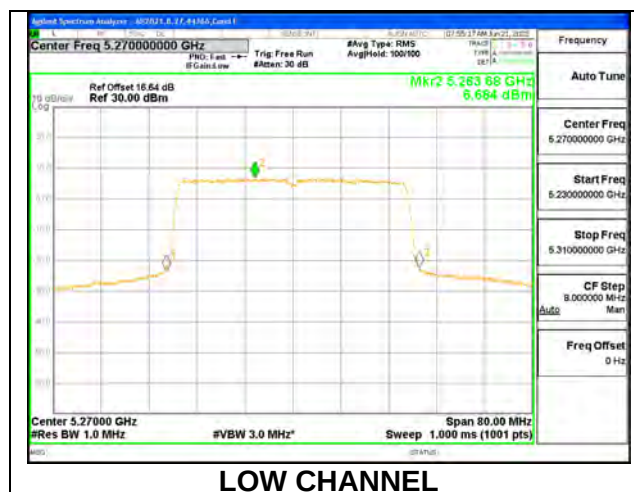
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.46	20.46	24.00	-3.54
High	5310	15.94	15.94	24.00	-8.06

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.684	6.834	11.00	-4.166
High	5310	1.451	1.601	11.00	-9.399



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.18	-1.56	1.43	24.00	11.00
High	5310	19.74	-1.56	1.43	23.95	11.00

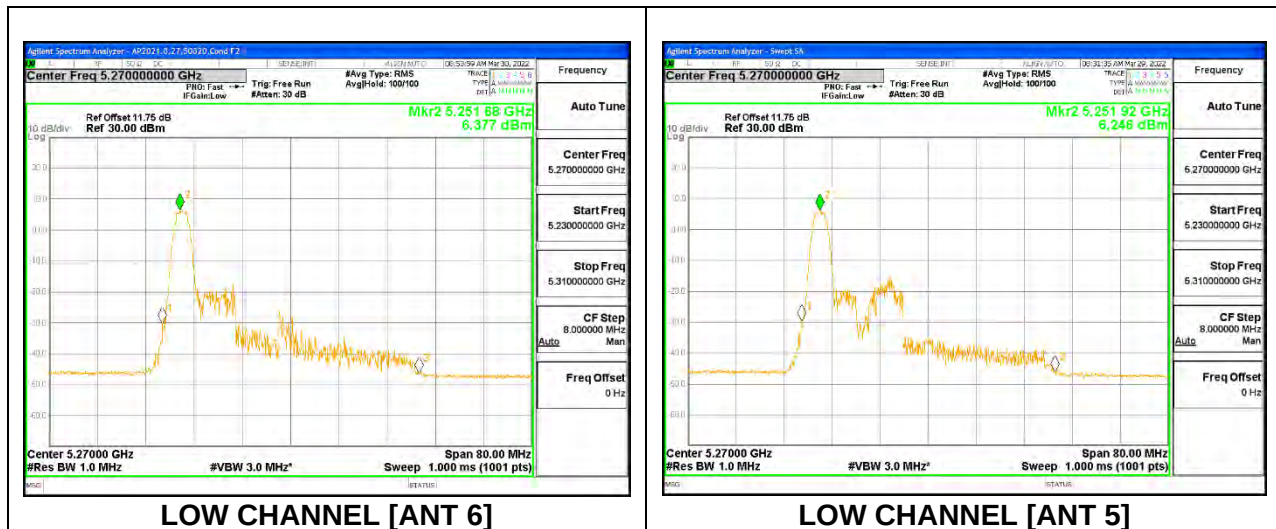
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.99	8.94	11.98	24.00	-12.02
High	5310	8.96	8.98	11.98	23.95	-11.97

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.377	6.246	9.322	11.00	-1.678
High	5310	6.328	6.512	9.431	11.00	-1.569



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	23.07	-1.56	1.43	24.00	11.00
High	5310	22.97	-1.56	1.43	24.00	11.00

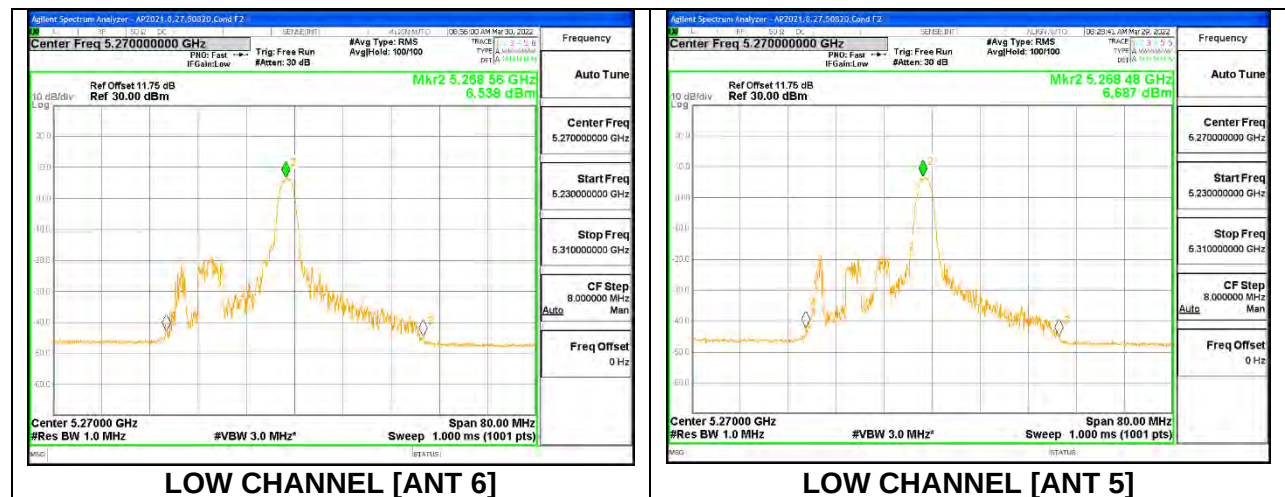
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.99	8.79	11.90	24.00	-12.10
High	5310	8.98	8.98	11.99	24.00	-12.01

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.538	6.687	9.623	11.00	-1.377
High	5310	6.580	6.592	9.596	11.00	-1.404



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 17

Test Engineer:	50820
Test Date:	3/30/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	19.89	-1.56	1.43	23.99	11.00
High	5310	19.93	-1.56	1.43	24.00	11.00

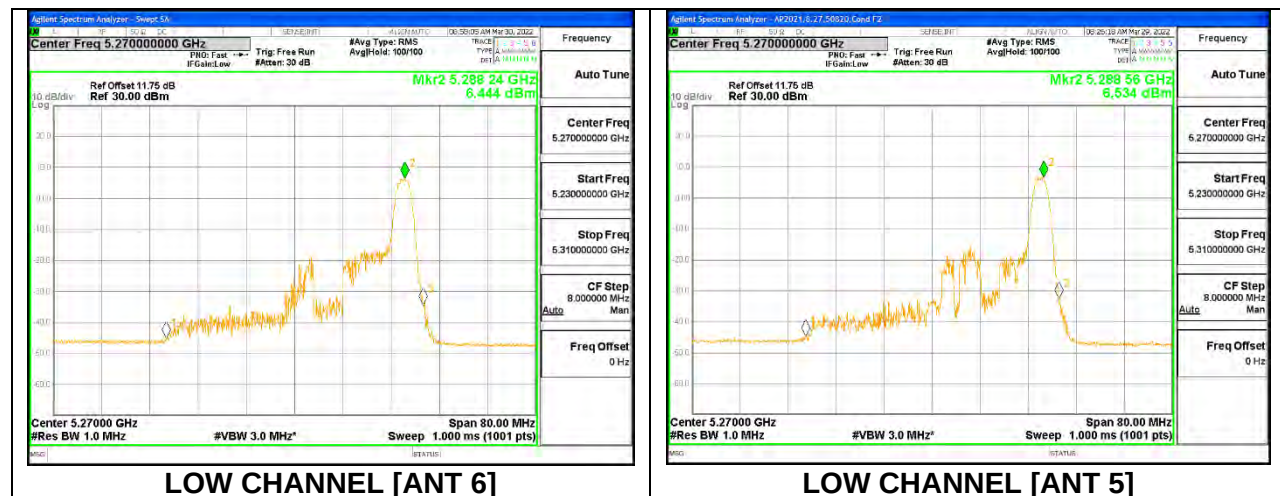
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.89	8.98	11.95	23.99	-12.04
High	5310	8.76	8.99	11.89	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.444	6.534	9.500	11.00	-1.500
High	5310	6.487	6.447	9.477	11.00	-1.523



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/25/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.18	-1.56	1.43	24.00	11.00
High	5310	41.28	-1.56	1.43	24.00	11.00

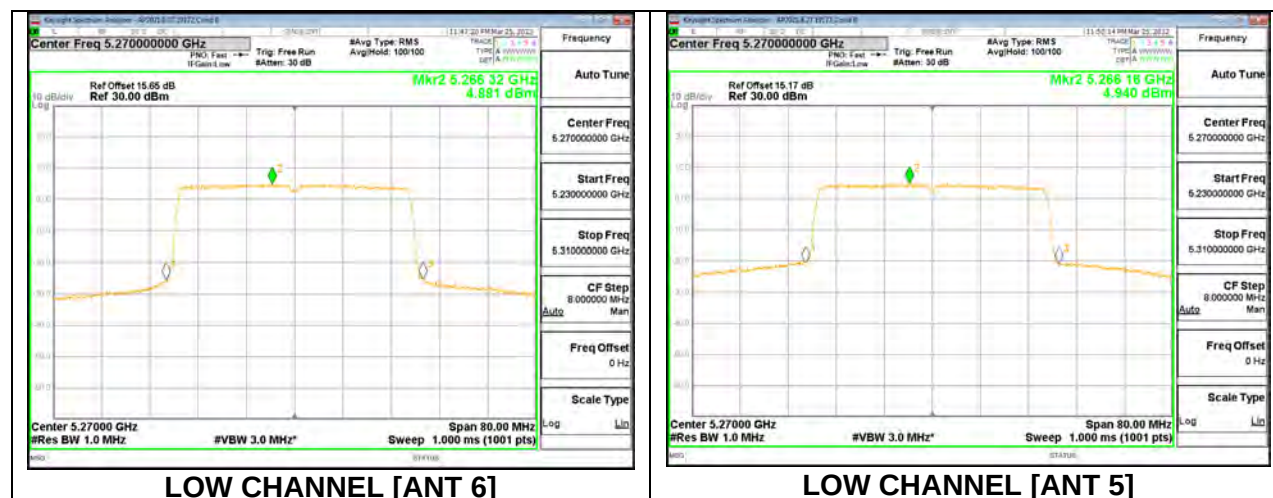
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.45	19.43	22.45	24.00	-1.55
High	5310	15.35	15.36	18.37	24.00	-5.63

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	4.881	4.940	8.071	11.00	-2.929
High	5310	0.987	0.895	4.102	11.00	-6.898



9.4.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	19172
Test Date:	3/26/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.67	-2.20	23.94	11.00

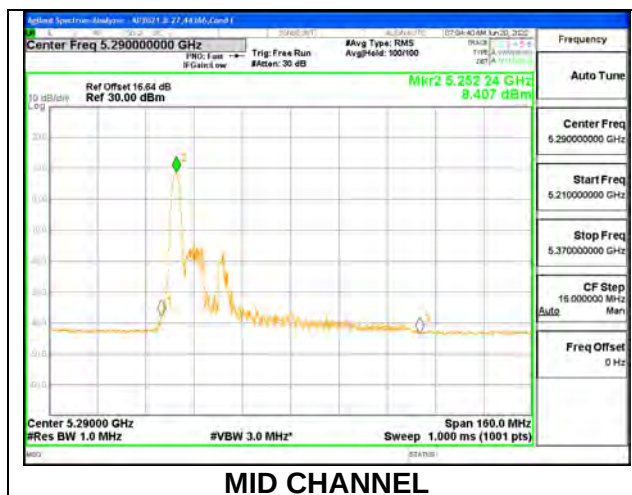
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.97	10.97	23.94	-12.97

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.407	8.407	11.00	-2.59



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 18

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	41.13	-2.20	24.00	11.00

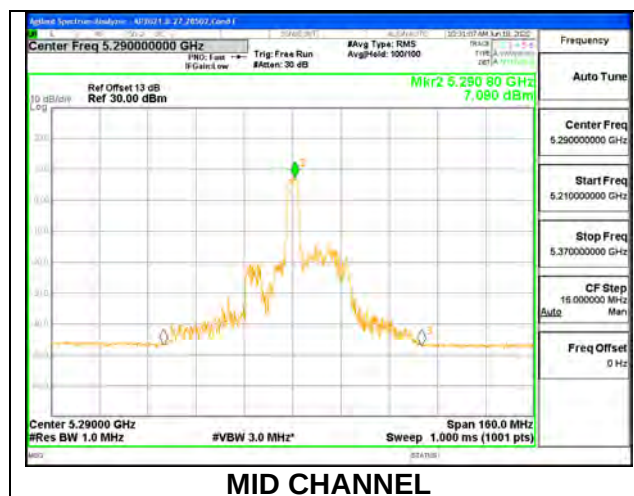
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.92	10.92	24.00	-13.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.090	7.090	11.00	-3.91



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 36

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.94	-2.20	24.00	11.00

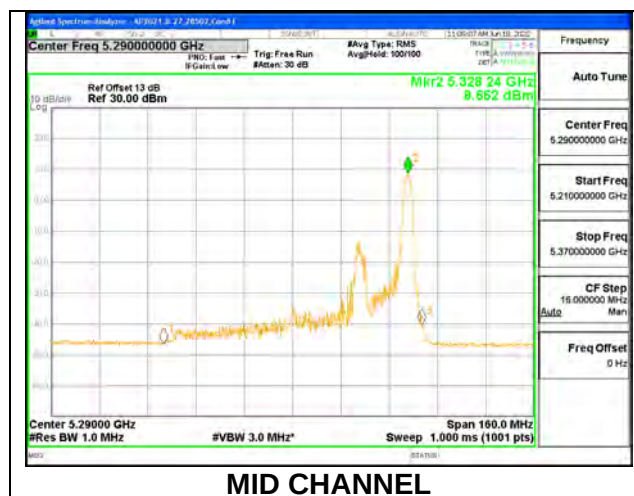
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.95	10.95	24.00	-13.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.662	8.662	11.00	-2.34



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	81.33	-2.20	24.00	11.00

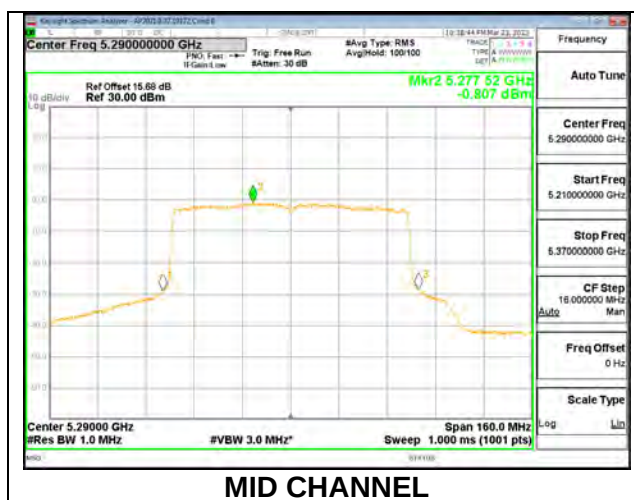
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.38	16.38	24.00	-7.62

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.807	-0.547	11.00	-11.55



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	19172
Test Date:	3/26/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.60	-1.00	23.92	11.00

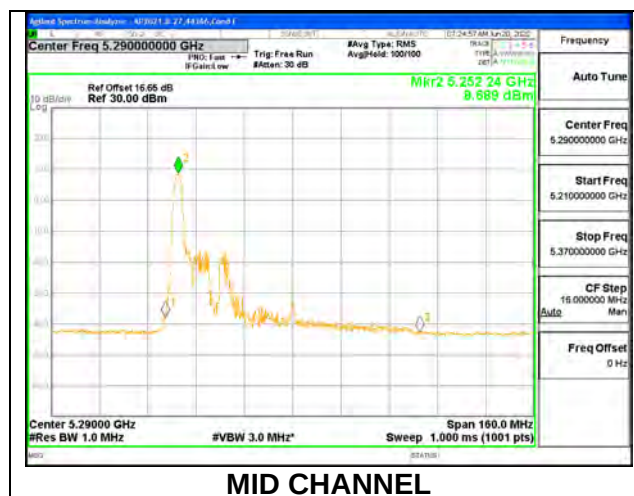
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.97	10.97	23.92	-12.95

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.689	8.689	11.00	-2.31



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 18

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	41.39	-1.00	24.00	11.00

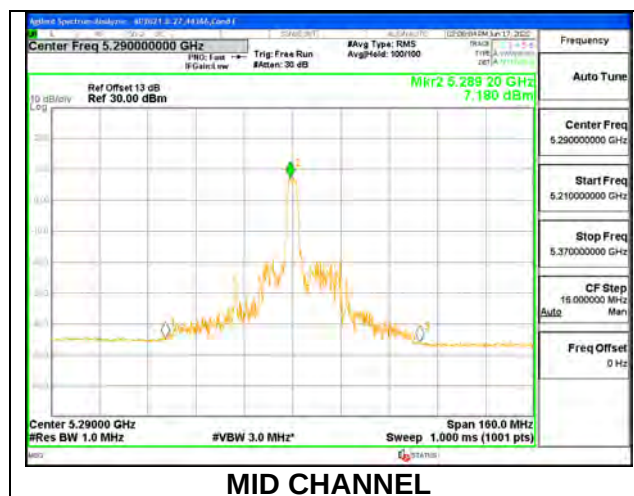
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.92	10.92	24.00	-13.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.180	7.180	11.00	-3.82



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 36

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.91	-1.00	24.00	11.00

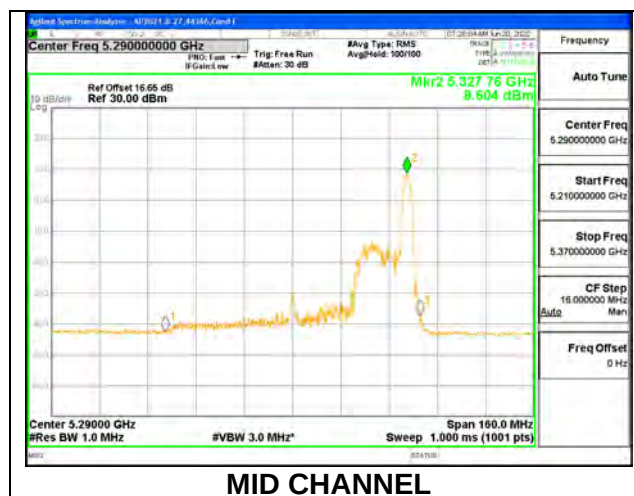
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.96	10.96	24.00	-13.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.604	8.604	11.00	-2.40



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	81.95	-1.00	24.00	11.00

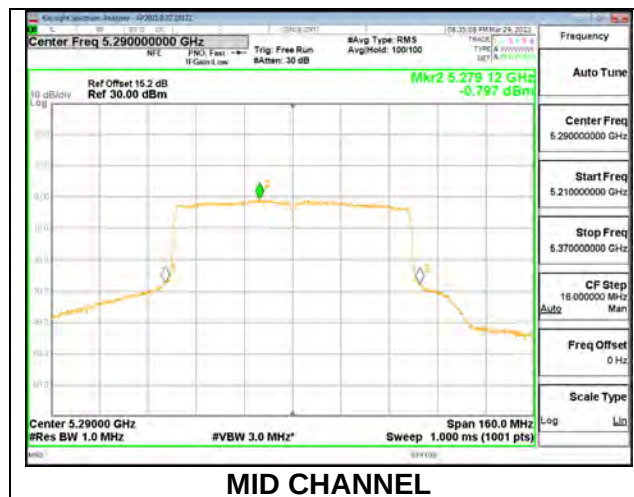
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.40	16.40	24.00	-7.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.797	-0.537	11.00	-11.54



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.49	-1.56	1.43	23.90	11.00

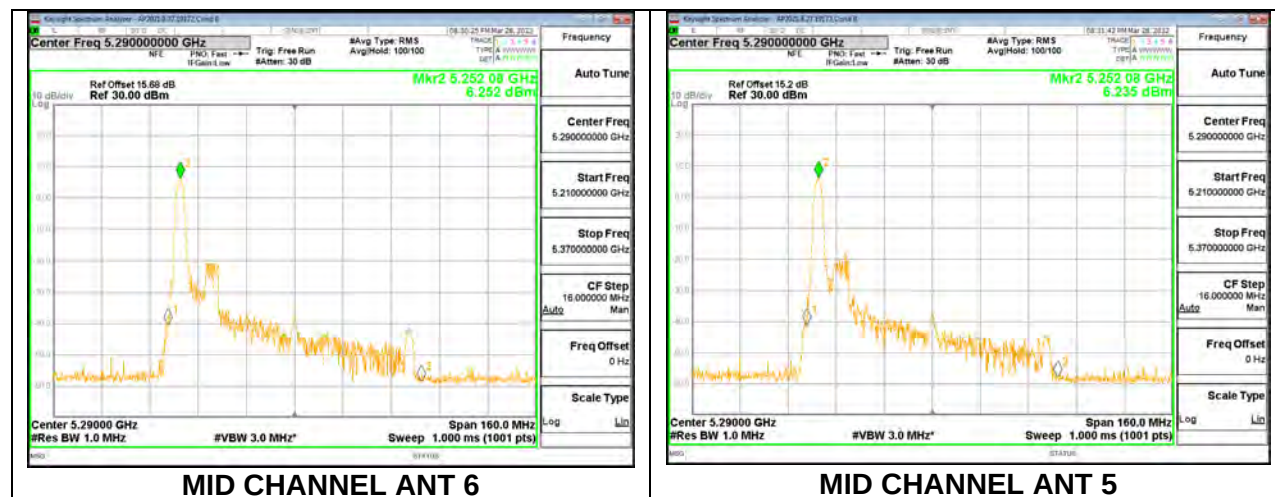
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.90	8.92	11.920	23.90	-11.98

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.252	6.235	9.254	11.00	-1.75



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 18

Test Engineer:	19172
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	38.67	-1.56	1.43	24.00	11.00

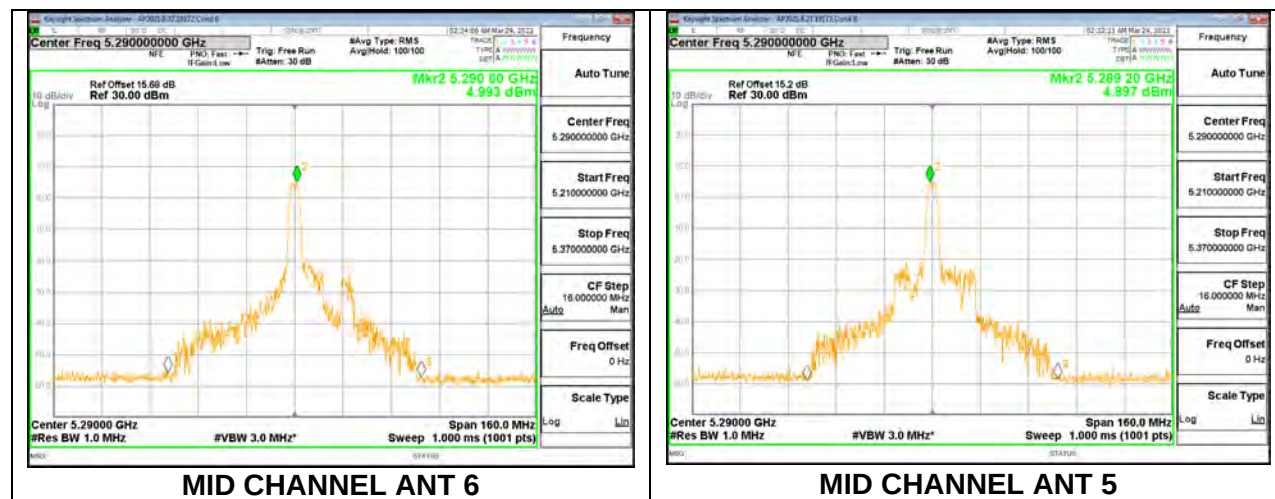
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.86	8.90	11.890	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	4.993	4.897	7.956	11.00	-3.04



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 36

Test Engineer:	19172
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.47	-1.56	1.43	23.89	11.00

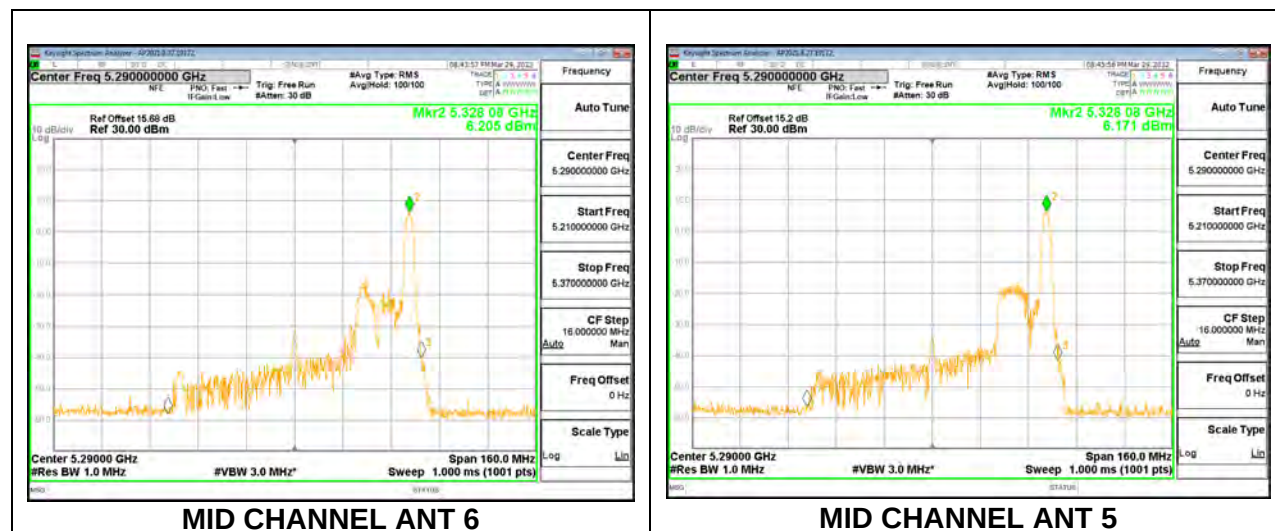
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.96	8.88	11.930	23.89	-11.96

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.205	6.171	9.198	11.00	-1.80



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	81.33	-1.56	1.43	24.00	11.00

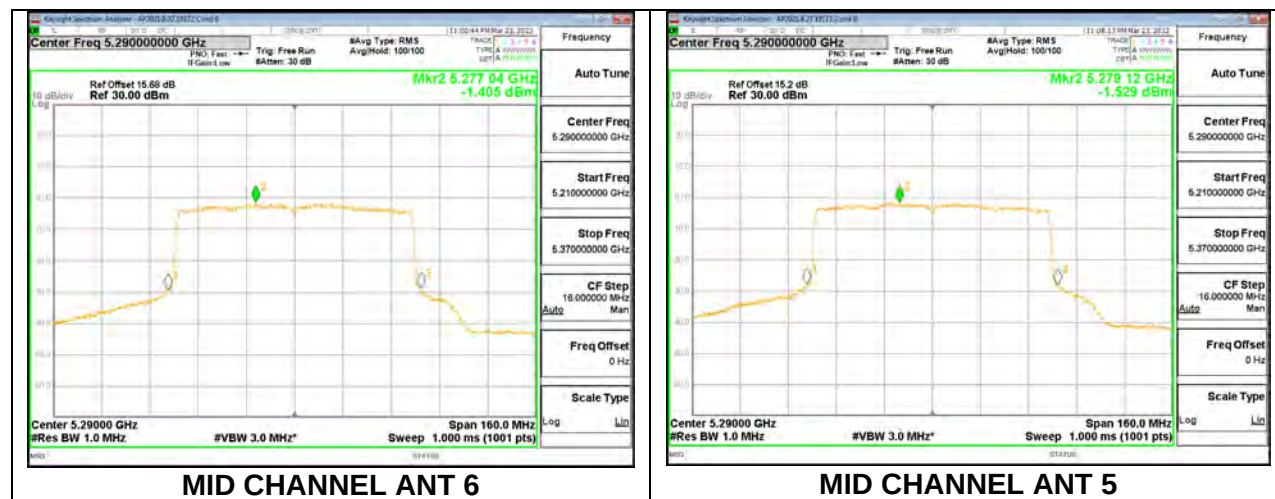
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.44	15.46	18.46	24.00	-5.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-1.405	-1.529	1.804	11.00	-9.20



9.4.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	44366
Test Date:	3/21/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	21.54	-0.90	24.00	11.00
Mid	5580	21.03	-0.90	24.00	11.00
High	5700	21.19	-0.90	24.00	11.00
144	5720	15.46	-0.90	22.89	11.00

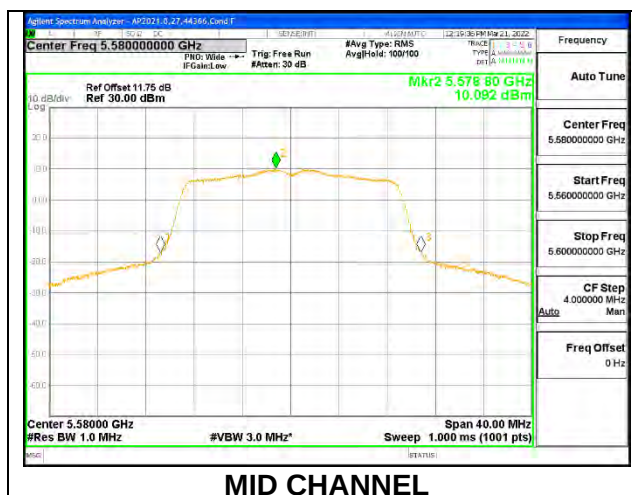
Duty Cycle CF (dB)	0.10	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.74	18.74	24.00	-5.26
Mid	5580	19.88	19.88	24.00	-4.12
High	5700	18.85	18.85	24.00	-5.15
144	5720	19.97	19.97	22.89	-2.92

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.753	8.853	11.00	-2.147
Mid	5580	10.092	10.192	11.00	-0.808
High	5700	9.061	9.161	11.00	-1.839
144	5720	10.038	10.138	11.00	-0.862



1TX Antenna 5 MODE (FCC)

Test Engineer:	44366
Test Date:	3/21/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	21.30	-1.30	24.00	11.00
Mid	5580	20.95	-1.30	24.00	11.00
High	5700	21.94	-1.30	24.00	11.00
144	5720	15.43	-1.30	22.88	11.00

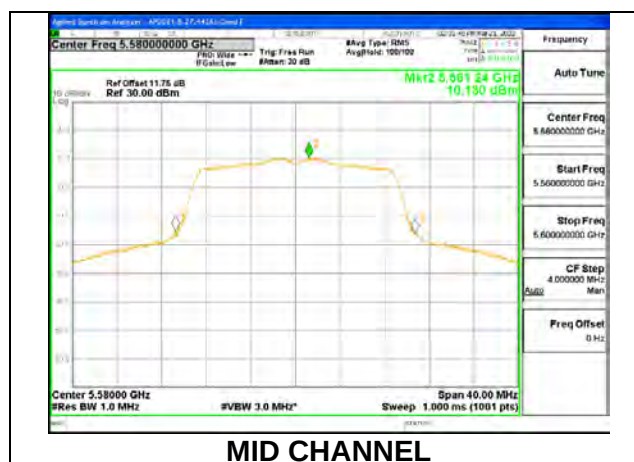
Duty Cycle CF (dB)	0.10	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.67	18.67	24.00	-5.33
Mid	5580	19.92	19.92	24.00	-4.08
High	5700	18.85	18.85	24.00	-5.15
144	5720	19.94	19.94	22.88	-2.94

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.592	8.692	11.00	-2.308
Mid	5580	10.130	10.230	11.00	-0.770
High	5700	9.162	9.262	11.00	-1.738
144	5720	10.024	10.124	11.00	-0.876



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Test Engineer:	50820
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.63	-1.10	1.91	24.00	11.00
Mid	5580	20.74	-1.10	1.91	24.00	11.00
High	5700	21.22	-1.10	1.91	24.00	11.00
144	5720	15.31	-1.10	1.91	22.85	11.00

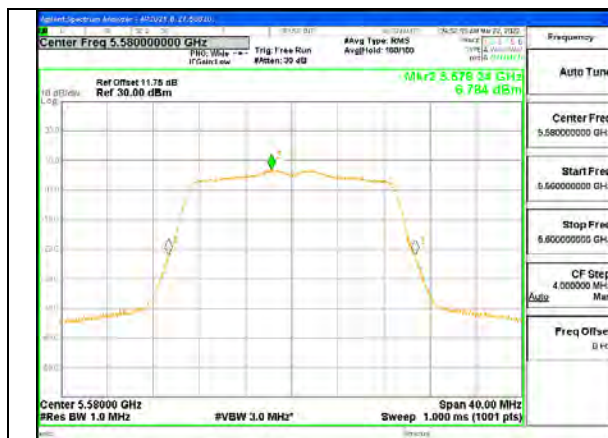
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.98	16.85	19.93	24.00	-4.07
Mid	5580	16.90	16.82	19.87	24.00	-4.13
High	5700	16.85	16.81	19.84	24.00	-4.16
144	5720	16.90	16.78	19.85	22.85	-3.00

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	7.003	6.933	10.078	11.00	-0.922
Mid	5580	6.784	6.975	9.991	11.00	-1.009
High	5700	6.920	6.854	9.997	11.00	-1.003
144	5720	6.807	6.934	9.981	11.00	-1.019

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

9.4.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	19172
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.91	-0.90	24.00	11.00
Mid	5550	40.80	-0.90	24.00	11.00
High	5670	43.19	-0.90	24.00	11.00
142	5710	41.24	-0.90	24.00	11.00

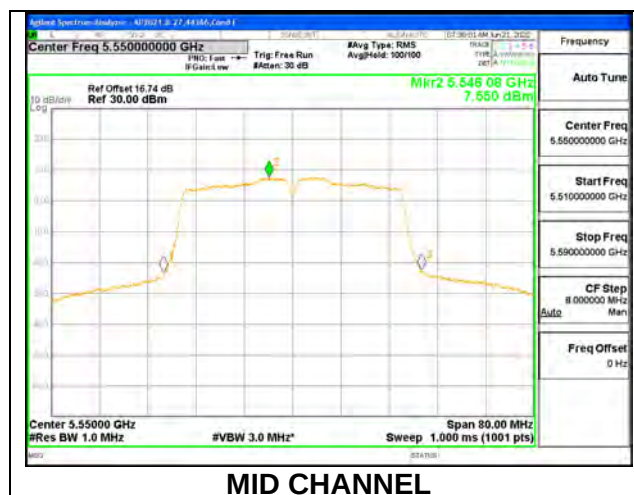
Duty Cycle CF (dB)	0.20	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.96	16.96	24.00	-7.04
Mid	5550	20.43	20.43	24.00	-3.57
High	5670	19.30	19.30	24.00	-4.70
142	5710	20.43	20.43	24.00	-3.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	3.942	4.142	11.00	-6.858
Mid	5550	7.550	7.750	11.00	-3.250
High	5670	6.143	6.343	11.00	-4.657
142	5710	7.602	7.802	11.00	-3.198



1TX Antenna 5 MODE (FCC)

Test Engineer:	19172
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.83	-1.30	24.00	11.00
Mid	5550	41.44	-1.30	24.00	11.00
High	5670	42.50	-1.30	24.00	11.00
142	5710	40.83	-1.30	24.00	11.00

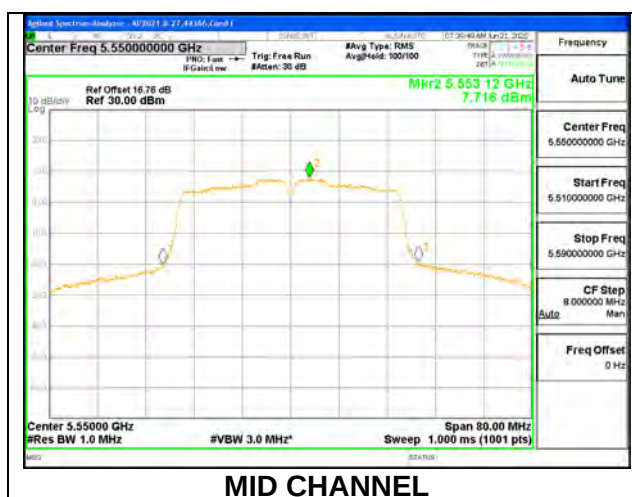
Duty Cycle CF (dB)	0.20	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.94	16.94	24.00	-7.06
Mid	5550	20.44	20.44	24.00	-3.56
High	5670	19.30	19.30	24.00	-4.70
142	5710	20.40	20.40	24.00	-3.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	4.005	4.205	11.00	-6.795
Mid	5550	7.716	7.916	11.00	-3.084
High	5670	6.142	6.342	11.00	-4.658
142	5710	7.742	7.942	11.00	-3.058



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Test Engineer:	19172
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.00	-1.10	1.91	24.00	11.00
Mid	5550	39.44	-1.10	1.91	24.00	11.00
High	5670	40.61	-1.10	1.91	24.00	11.00
142	5710	40.14	-1.10	1.91	24.00	11.00

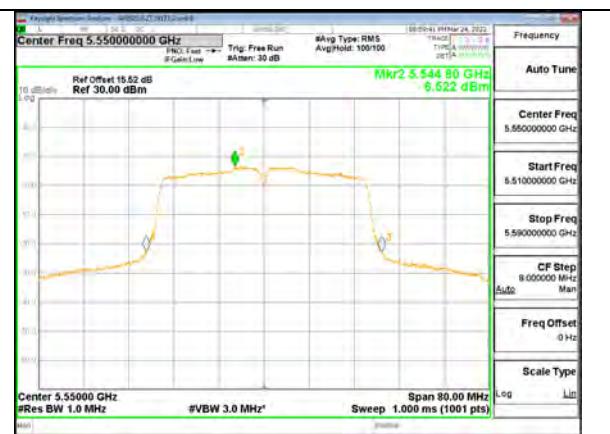
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.82	15.97	18.91	24.00	-5.09
Mid	5550	19.35	19.43	22.40	24.00	-1.60
High	5670	18.95	18.92	21.95	24.00	-2.05
142	5710	19.40	19.35	22.39	24.00	-1.61

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	3.375	3.210	6.504	11.00	-4.50
Mid	5550	6.547	6.522	9.745	11.00	-1.26
High	5670	5.966	5.803	9.096	11.00	-1.90
142	5710	6.217	6.353	9.496	11.00	-1.50

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

9.4.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	80.55	-0.90	24.00	11.00
High	5610	80.48	-0.90	24.00	11.00
138	5690	80.80	-0.90	24.00	11.00

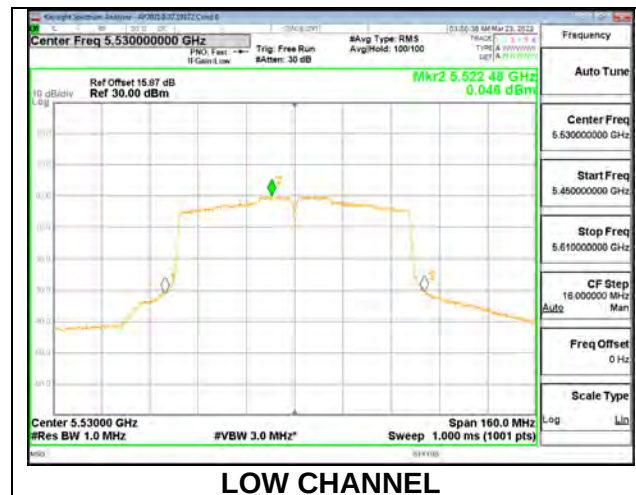
Duty Cycle CF (dB)	0.20	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.73	15.73	24.00	-8.27
High	5610	20.42	20.42	24.00	-3.58
138	5690	20.45	20.45	24.00	-3.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.046	0.246	11.00	-10.754
High	5610	4.136	4.136	11.00	-6.864
138	5690	4.241	4.441	11.00	-6.559



1TX Antenna 5 MODE (FCC)

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.20	-1.30	24.00	11.00
High	5610	84.66	-1.30	24.00	11.00
138	5690	81.08	-1.30	24.00	11.00

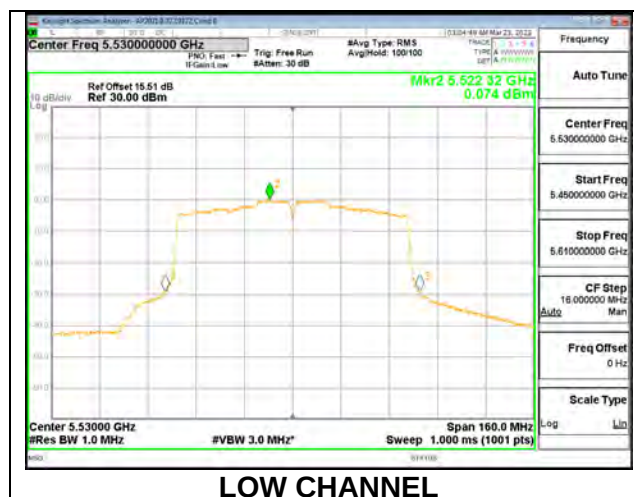
Duty Cycle CF (dB)	0.20	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.90	15.90	24.00	-8.10
High	5610	20.40	20.40	24.00	-3.60
138	5690	20.45	20.45	24.00	-3.55

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.074	0.274	11.00	-10.726
High	5610	3.984	4.184	11.00	-6.816
138	5690	4.288	4.488	11.00	-6.512



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.24	-1.10	1.91	24.00	11.00
High	5610	81.28	-1.10	1.91	24.00	11.00
138	5690	80.77	-1.10	1.91	24.00	11.00

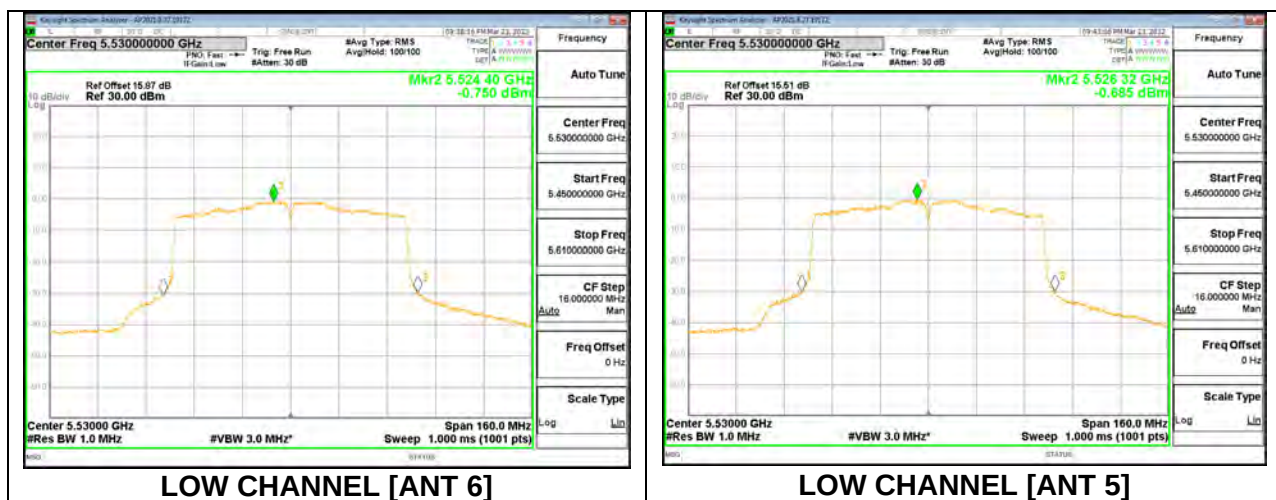
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.22	15.24	18.24	24.00	-5.76
High	5610	19.90	19.85	22.89	24.00	-1.11
138	5690	19.96	19.98	22.98	24.00	-1.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.750	-0.685	2.493	11.00	-8.507
High	5610	4.013	4.068	7.251	11.00	-3.749
138	5690	3.806	3.965	7.097	11.00	-3.903



9.4.16. 802.11ax HE20 MODE IN THE 5.6 GHz BAND
1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.53	-0.90	23.91	11.00
Mid	5580	20.03	-0.90	24.00	11.00
High	5700	20.02	-0.90	24.00	11.00
144	5720	15.04	-0.90	22.77	11.00

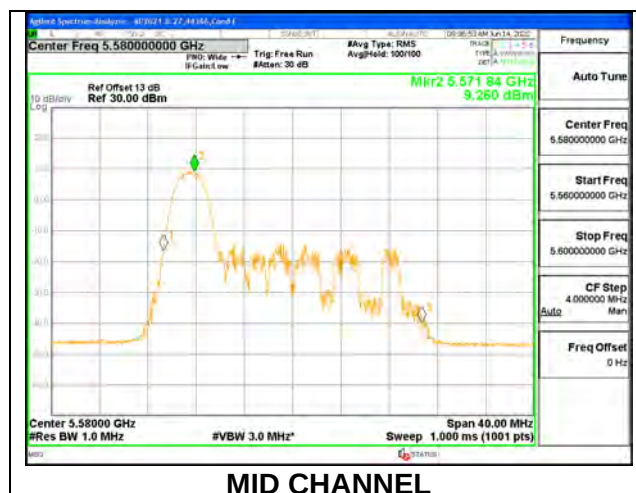
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.95	11.95	23.91	-11.96
Mid	5580	11.95	11.95	24.00	-12.05
High	5700	11.94	11.94	24.00	-12.06
144	5720	11.91	11.91	22.77	-10.86

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.641	9.641	11.00	-1.359
Mid	5580	9.260	9.260	11.00	-1.740
High	5700	9.397	9.397	11.00	-1.603
144	5720	9.398	9.398	11.00	-1.602



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 4

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.04	-0.90	23.80	11.00
Mid	5580	18.53	-0.90	23.68	11.00
High	5700	18.38	-0.90	23.64	11.00
144	5720	14.40	-0.90	22.58	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.94	11.94	23.80	-11.86
Mid	5580	11.97	11.97	23.68	-11.71
High	5700	11.97	11.97	23.64	-11.67
144	5720	11.96	11.96	22.58	-10.62

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.561	8.561	11.00	-2.439
Mid	5580	8.421	8.421	11.00	-2.579
High	5700	8.434	8.434	11.00	-2.566
144	5720	8.405	8.405	11.00	-2.595



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	50820
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.56	-0.90	24.00	11.00
Mid	5580	20.34	-0.90	24.00	11.00
High	5700	20.57	-0.90	24.00	11.00
144	5720	15.24	-0.90	22.83	11.00

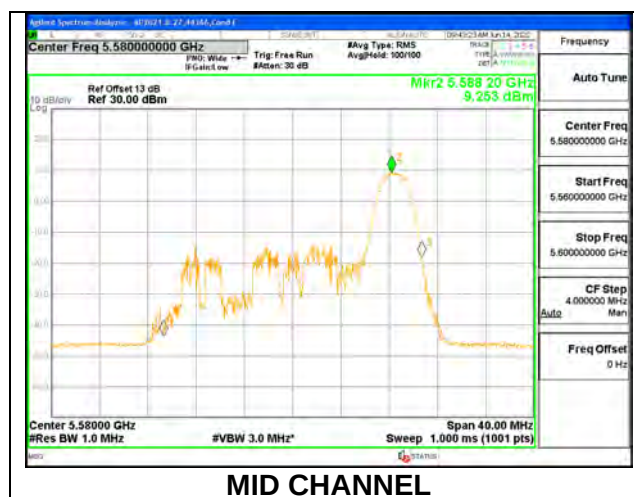
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.91	11.91	24.00	-12.09
Mid	5580	11.92	11.92	24.00	-12.08
High	5700	11.91	11.91	24.00	-12.09
144	5720	11.94	11.94	22.83	-10.89

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.353	9.353	11.00	-1.647
Mid	5580	9.253	9.253	11.00	-1.747
High	5700	9.457	9.457	11.00	-1.543
144	5720	9.531	9.531	11.00	-1.469



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	5820
Test Date:	3/24/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	24.56	-0.90	24.00	11.00
Mid	5580	20.77	-0.90	24.00	11.00
High	5700	20.86	-0.90	24.00	11.00
144	5720	15.34	-0.90	22.86	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.49	18.49	24.00	-5.51
Mid	5580	19.96	19.96	24.00	-4.04
High	5700	16.90	16.90	24.00	-7.10
144	5720	19.81	19.81	22.86	-3.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.395	8.395	11.00	-2.605
Mid	5580	9.684	9.684	11.00	-1.316
High	5700	7.200	7.200	11.00	-3.800
144	5720	9.759	9.759	11.00	-1.241

