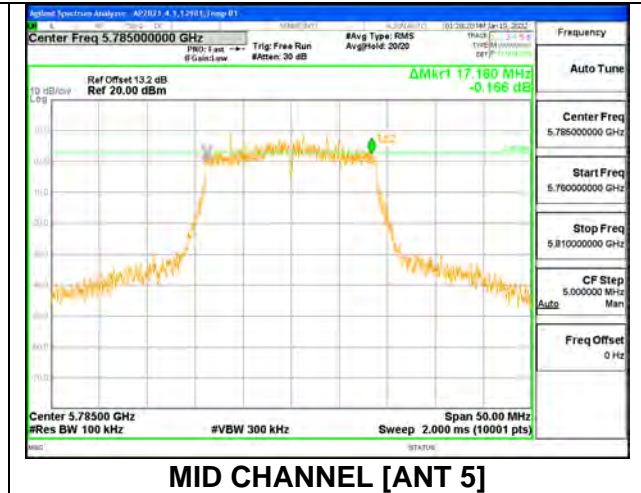
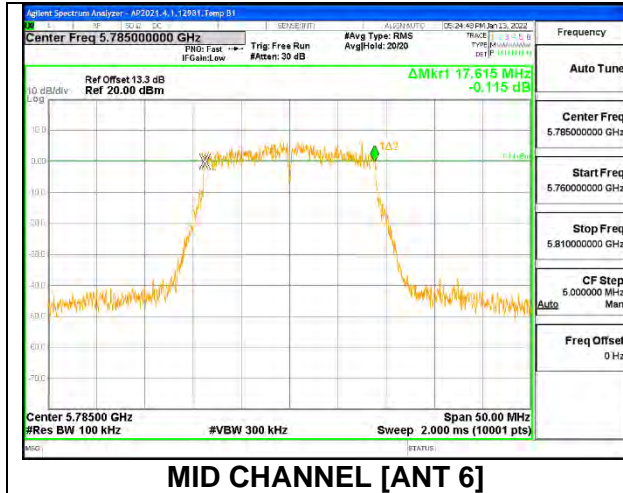


2TX Antenna 6 + Antenna 5 CDD MODE

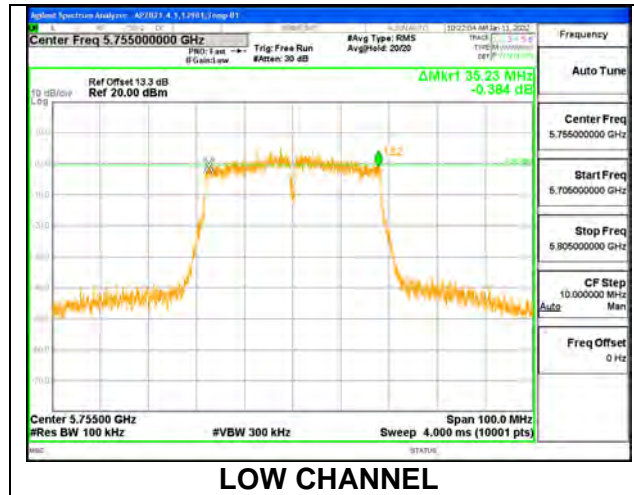
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	17.560	17.565	0.5
Mid	5785	17.615	17.180	0.5
High	5825	16.950	17.575	0.5
144	5720	3.796	3.808	0.5



9.3.2. 802.11n HT40 MODE IN THE 5.8 GHz BAND

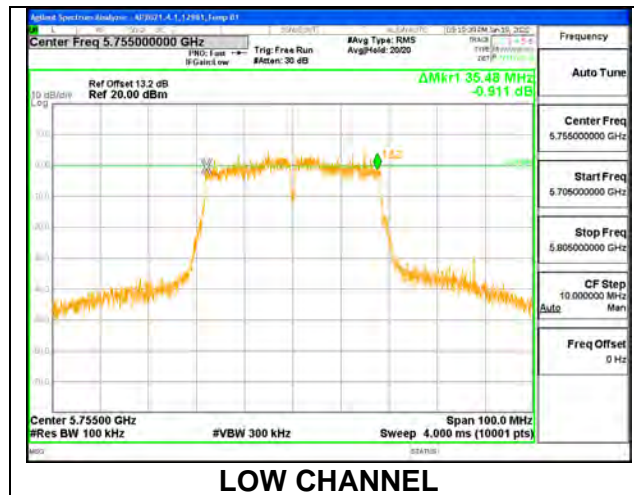
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.23	0.5
High	5795	35.44	0.5
142	5710	3.18	0.5



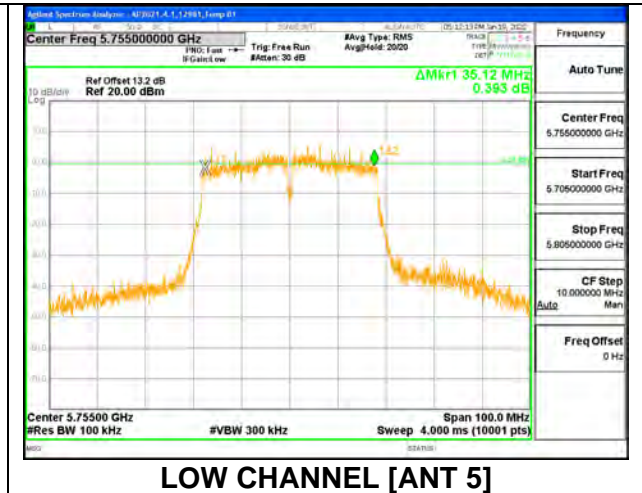
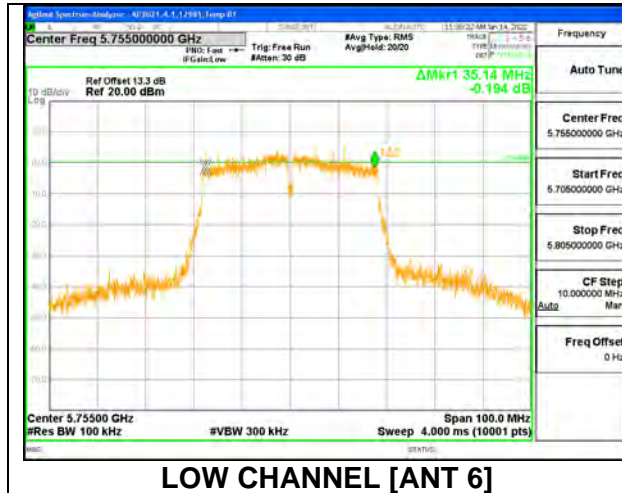
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	35.48	0.5
High	5795	35.56	0.5
142	5710	3.168	0.5



2TX Antenna 6 + Antenna 5 CDD MODE

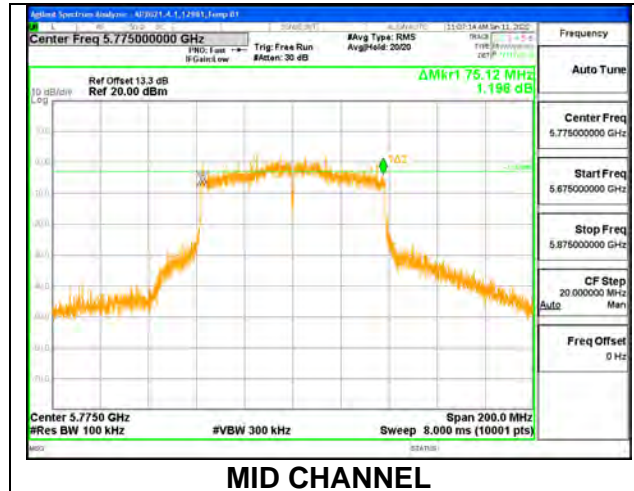
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	35.14	35.12	0.5
High	5795	35.02	35.06	0.5
142	5710	3.264	3.168	0.5



9.3.3. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

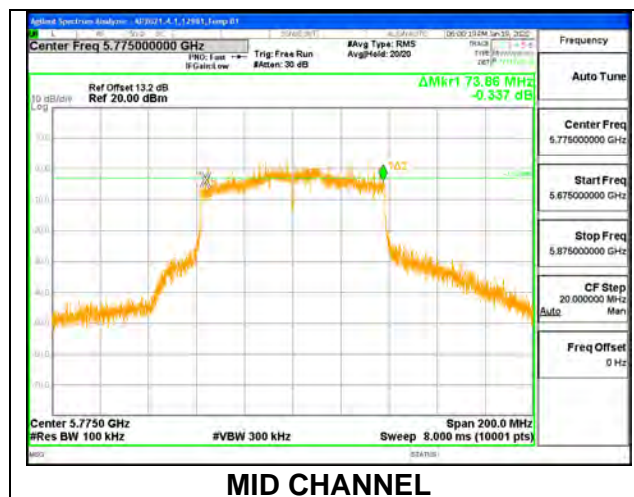
1TX Antenna 6 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.12	0.5
138	5690	3.28	0.5



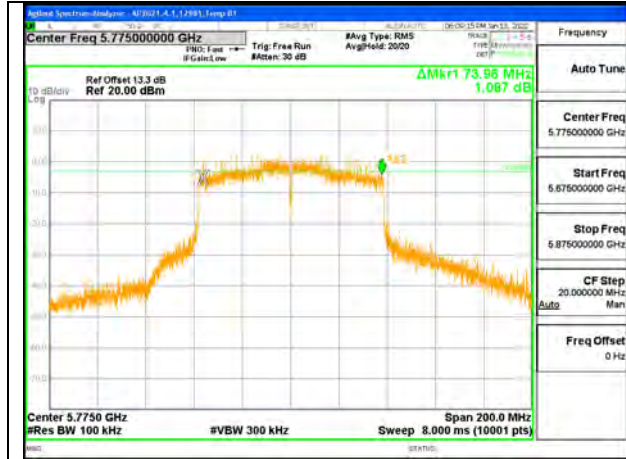
1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	73.86	0.5
138	5690	3.144	0.5

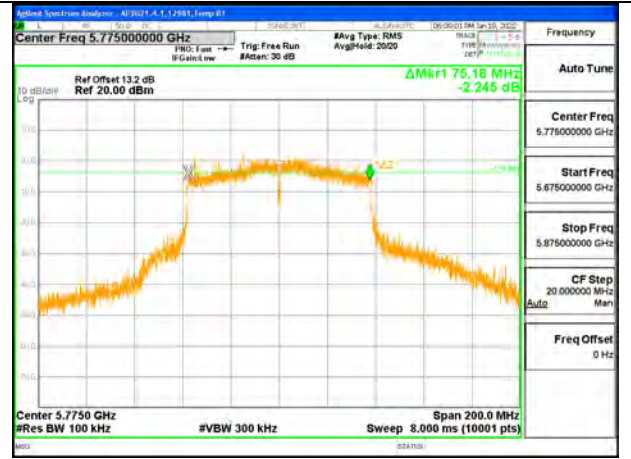


2TX Antenna 6 + Antenna 5 CDD MODE

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	73.96	75.18	0.5
138	5690	3.14	3.128	0.5



MID CHANNEL [ANT 6]

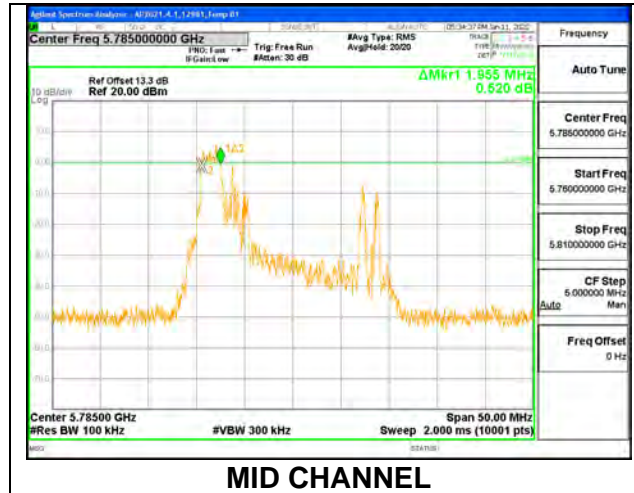


MID CHANNEL [ANT 5]

9.3.4. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

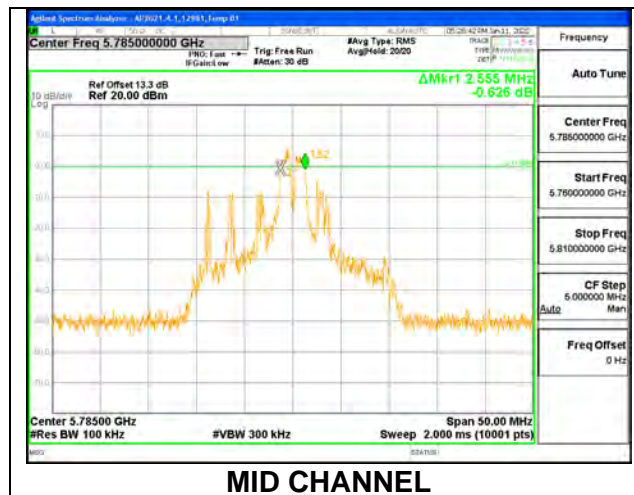
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	1.925	0.5
Mid	5785	1.955	0.5
High	5825	2.000	0.5



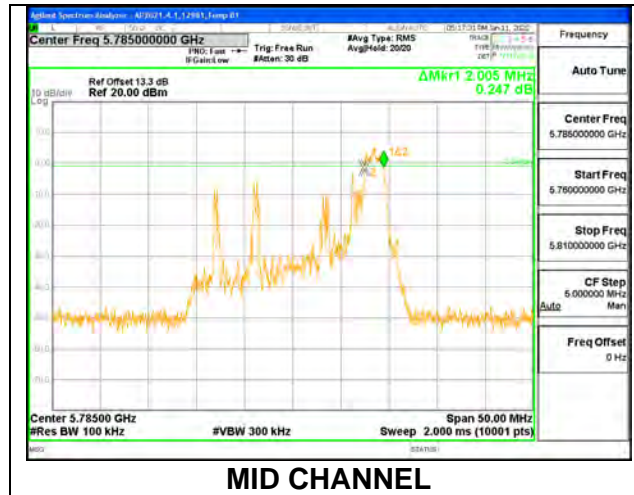
1TX Antenna 6 MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.530	0.5
Mid	5785	2.555	0.5
High	5825	2.595	0.5



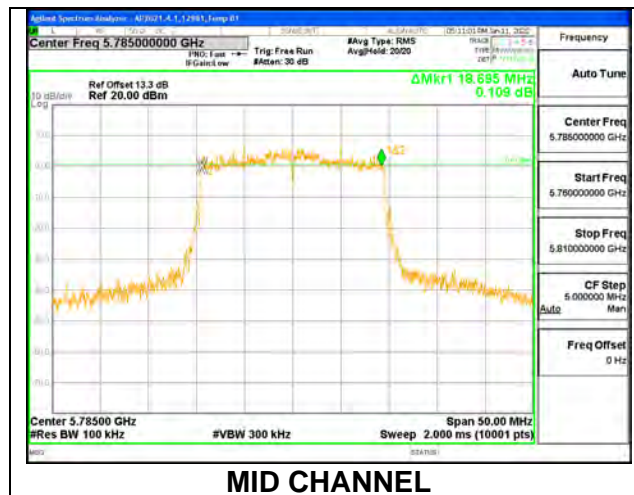
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.025	0.5
Mid	5785	2.005	0.5
High	5825	2.040	0.5
144	5720	2.000	0.5



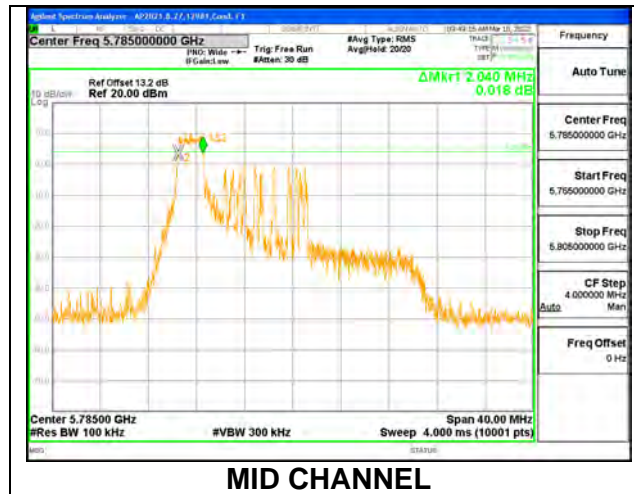
1TX Antenna 6 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	18.175	0.5
Mid	5785	18.695	0.5
High	5825	18.930	0.5
144	5720	4.484	0.5



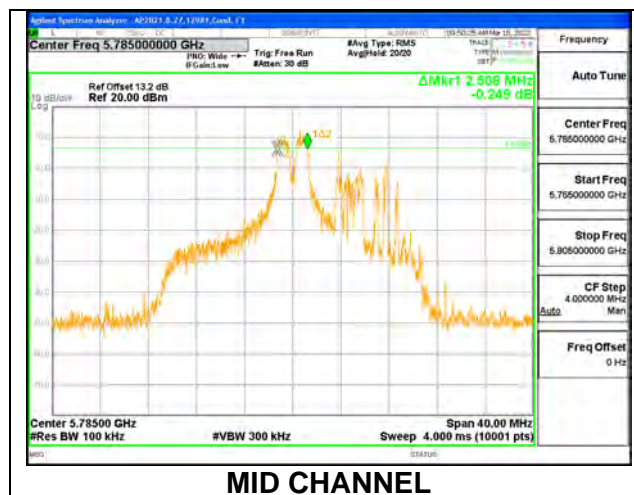
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.06	0.5
Mid	5785	2.04	0.5
High	5825	2.016	0.5



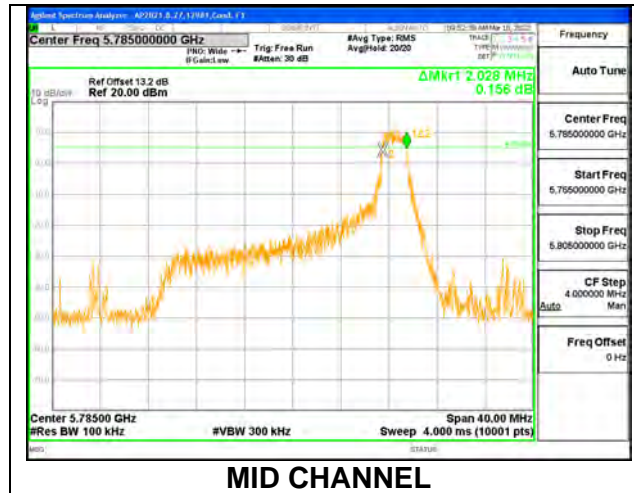
1TX Antenna 5 MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.576	0.5
Mid	5785	2.508	0.5
High	5825	2.572	0.5



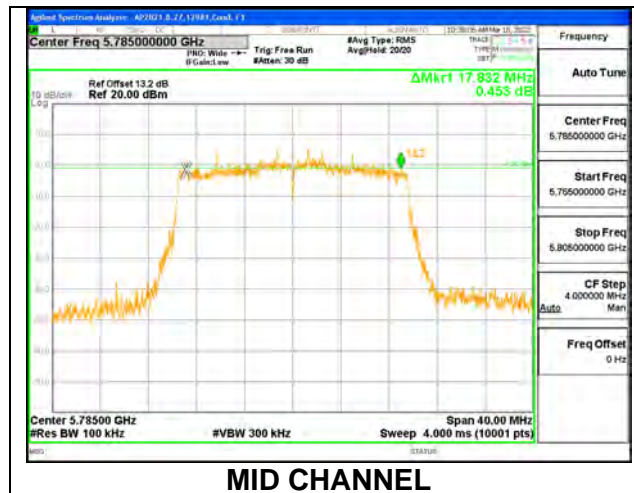
1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	2.012	0.5
Mid	5785	2.028	0.5
High	5825	2.004	0.5
144	5720	2.012	0.5



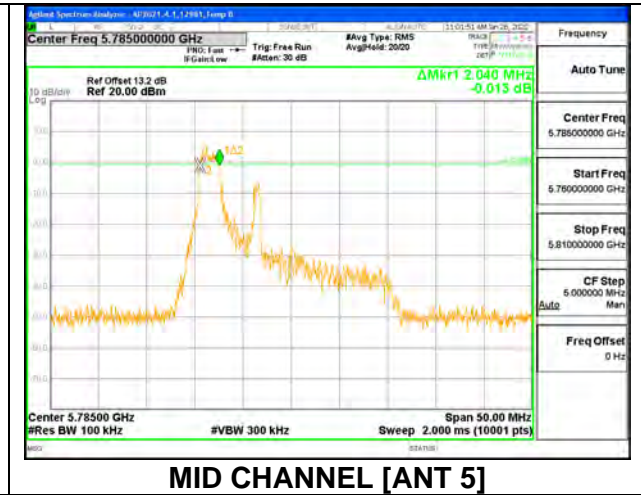
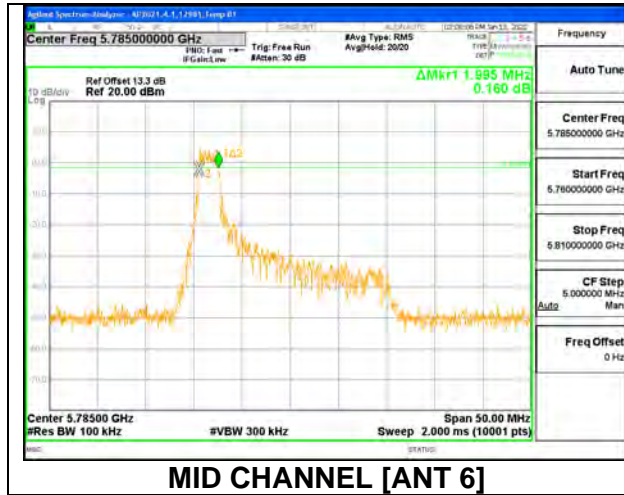
1TX Antenna 5 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.768	0.5
Mid	5785	17.832	0.5
High	5825	17.756	0.5
144	5720	4.484	0.5



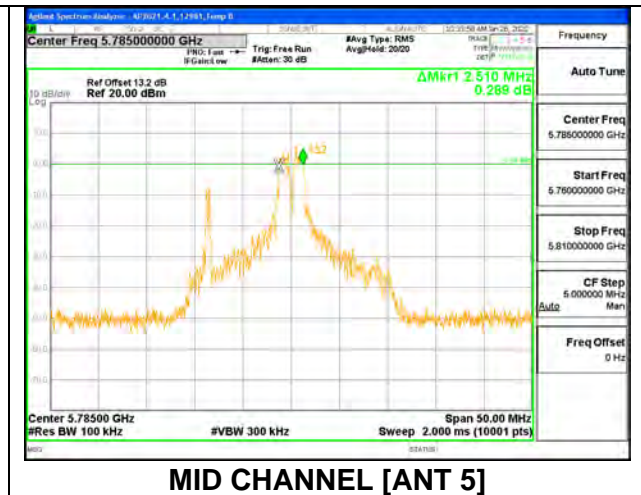
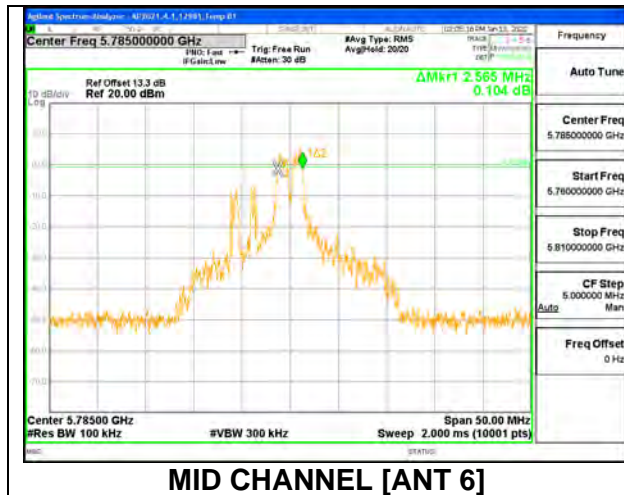
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	1.995	2.040	0.5
Mid	5785	1.995	2.040	0.5
High	5825	1.890	2.000	0.5



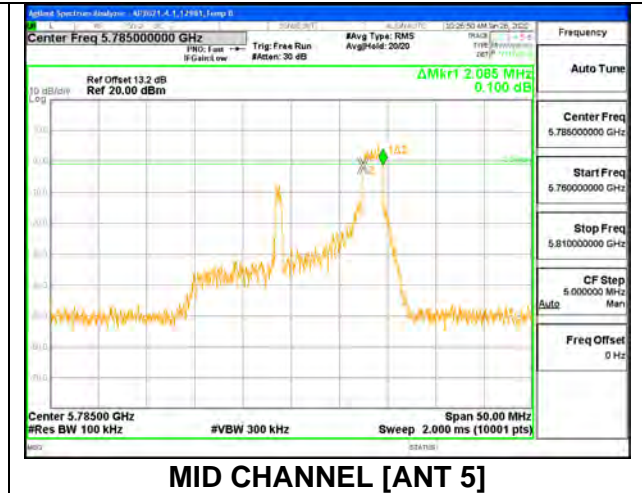
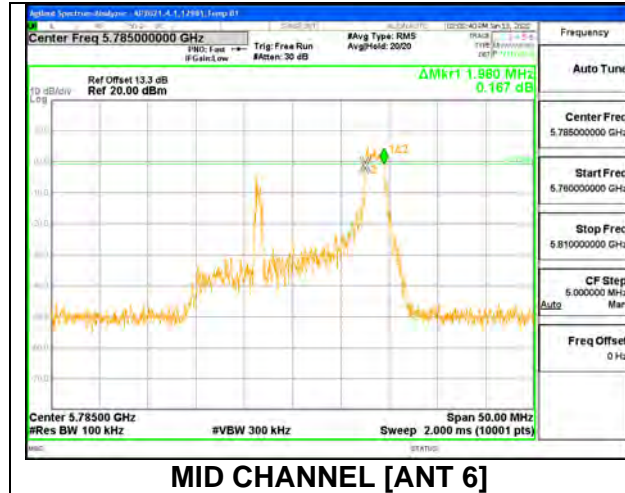
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 4

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	2.605	2.540	0.5
Mid	5785	2.565	2.510	0.5
High	5825	2.590	2.550	0.5



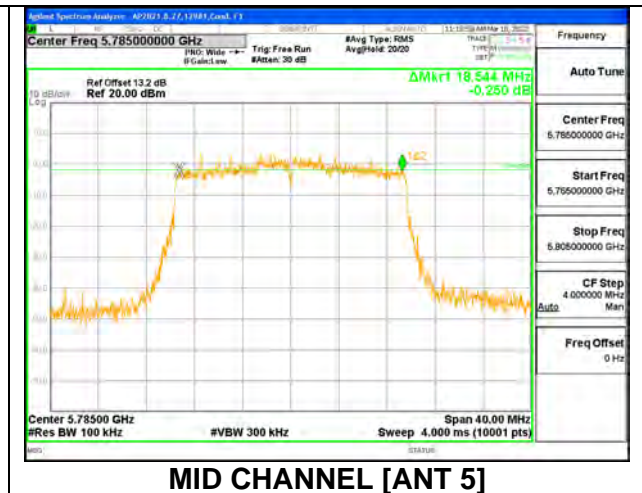
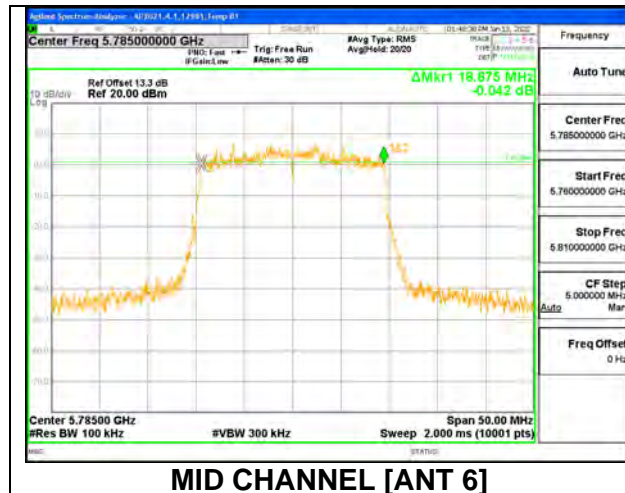
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	1.995	2.045	0.5
Mid	5785	1.980	2.085	0.5
High	5825	2.030	2.000	0.5
144	5720	2.012	2.031	0.5



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

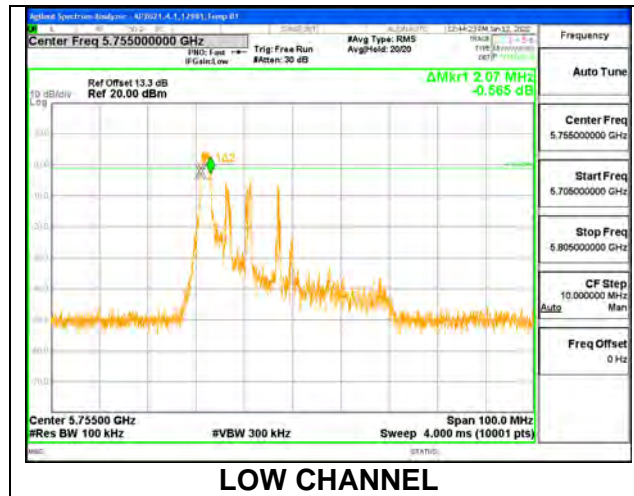
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5745	18.985	18.436	0.5
Mid	5785	18.875	18.544	0.5
High	5825	18.710	18.284	0.5
144	5720	4.452	4.248	0.5



9.3.5. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

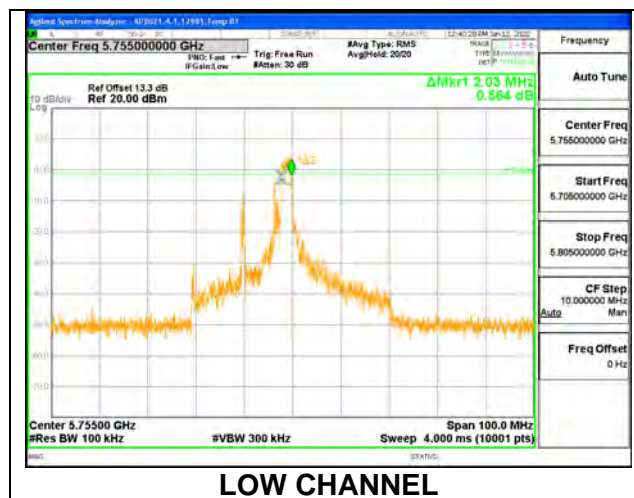
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.07	0.5
High	5795	2.01	0.5



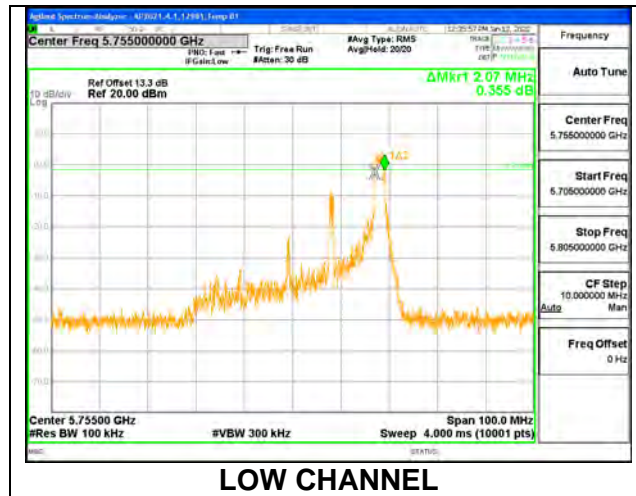
1TX Antenna 6 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.03	0.5
High	5795	2.04	0.5



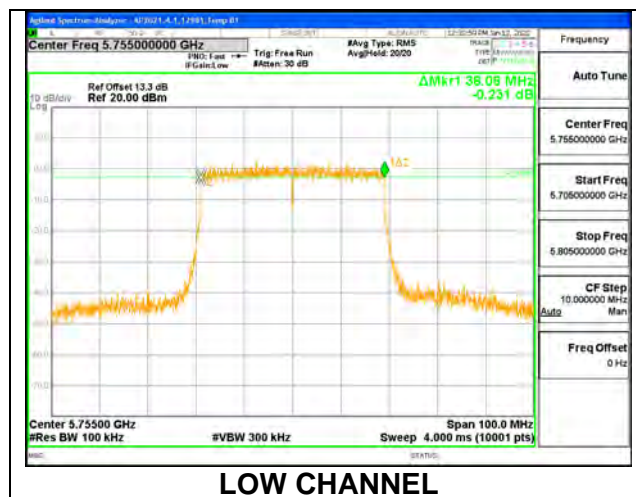
1TX Antenna 6 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.07	0.5
High	5795	1.93	0.5
142	5710	2.056	0.5



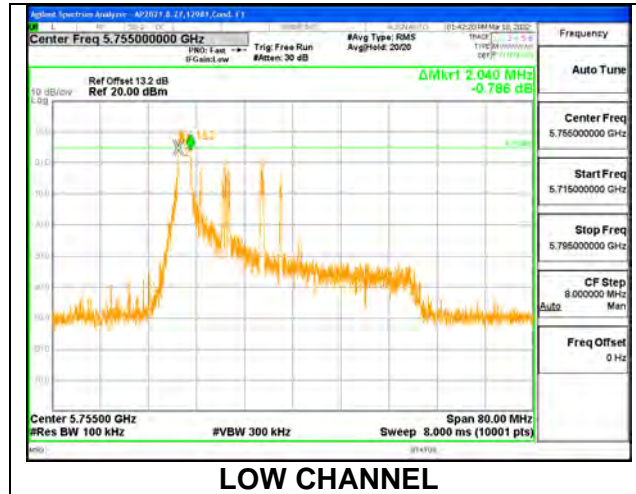
1TX Antenna 6 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	38.08	0.5
High	5795	37.85	0.5
142	5710	4.00	0.5



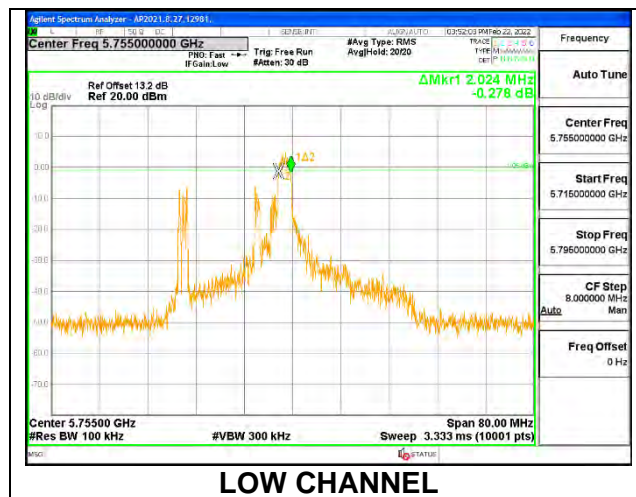
1TX Antenna 5 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.04	0.5
High	5795	2.064	0.5



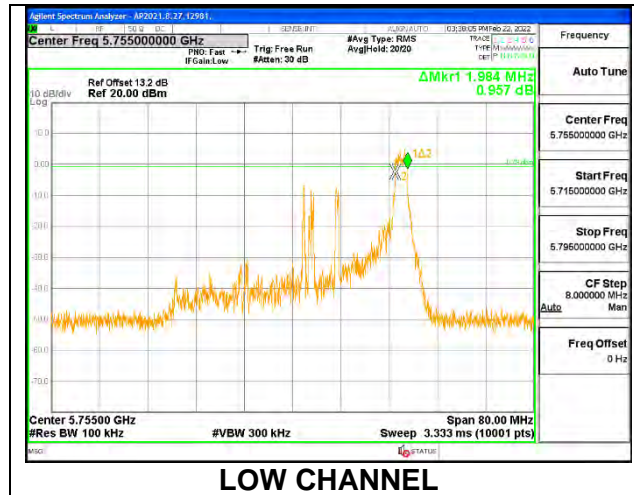
1TX Antenna 5 MODE: 26 Tones, RU Index 8

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	2.024	0.5
High	5795	2.016	0.5



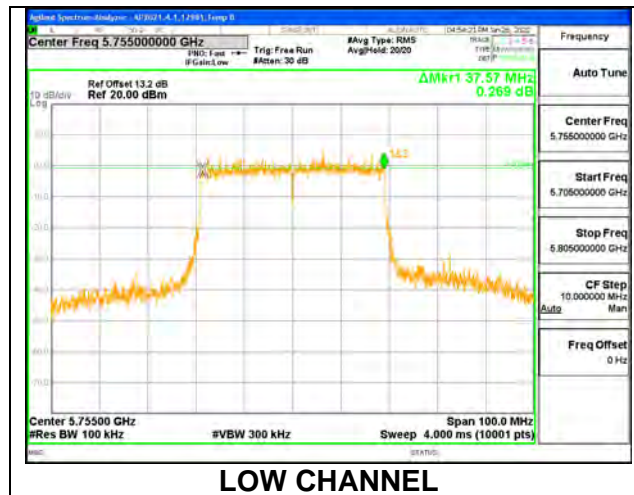
1TX Antenna 5 MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	1.984	0.5
High	5795	2.096	0.5
142	5710	2.016	0.5



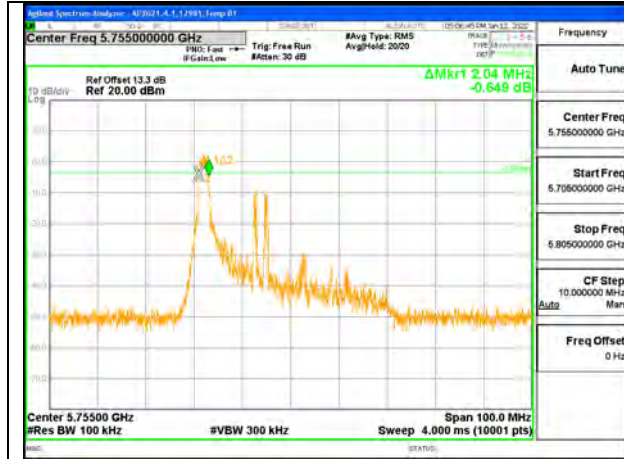
1TX Antenna 5 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5755	37.57	0.5
High	5795	37.89	0.5
142	5710	3.968	0.5

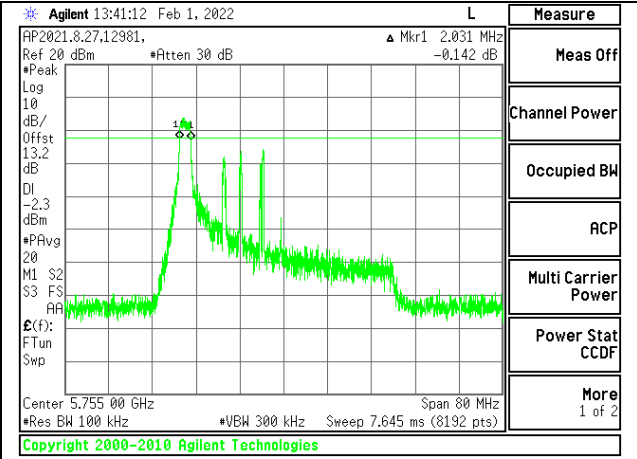


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.040	2.031	0.5
High	5795	1.980	1.944	0.5



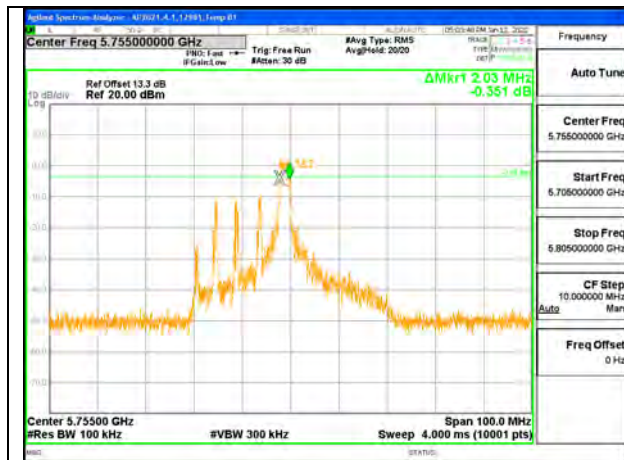
LOW CHANNEL [ANT 6]



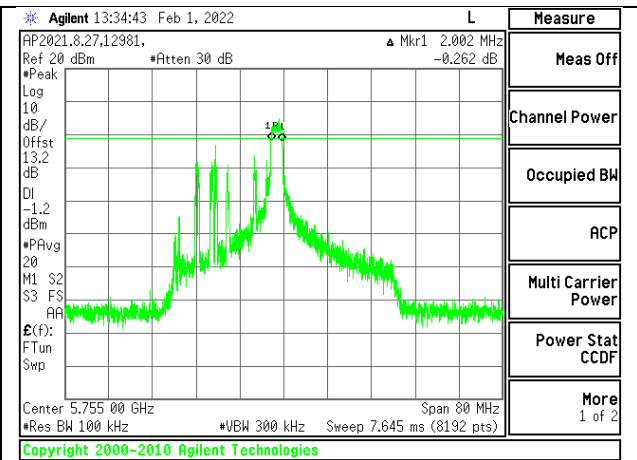
LOW CHANNEL [ANT 5]

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	2.030	2.002	0.5
High	5795	2.010	2.041	0.5



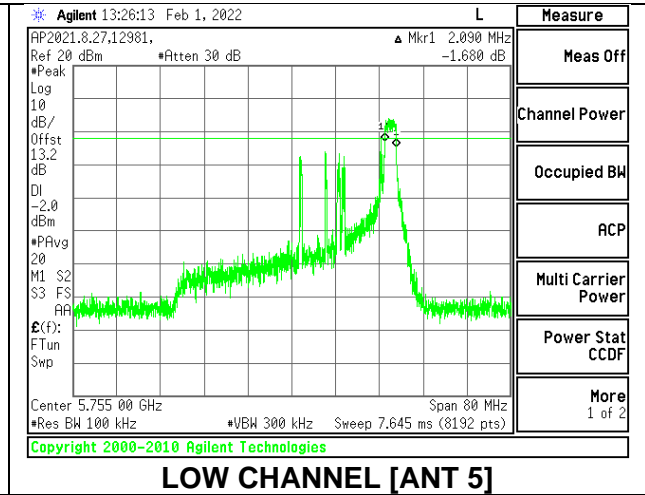
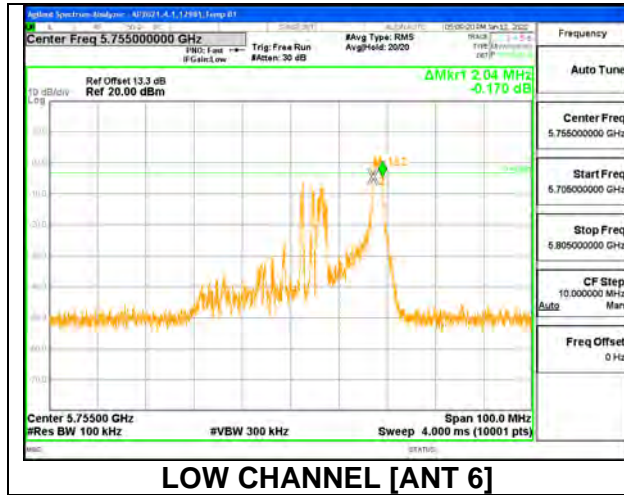
LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

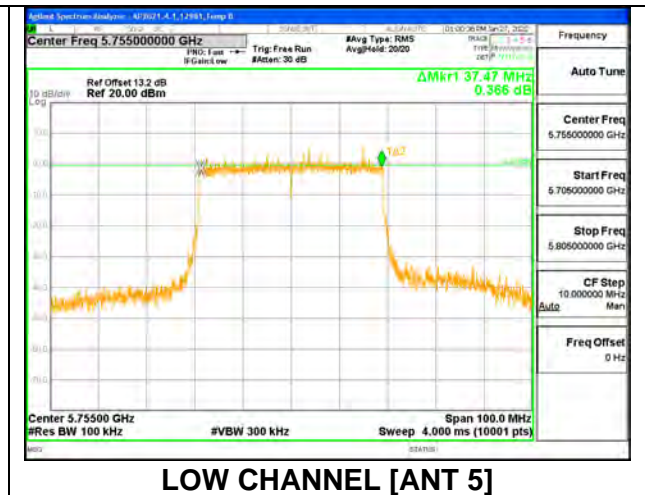
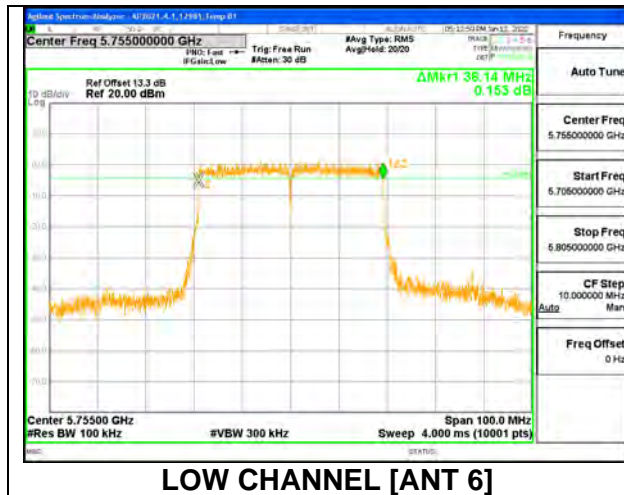
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 17

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	2.040	2.090	0.5
High	5795	2.060	2.022	0.5
142	5710	2.04	2.056	0.5



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

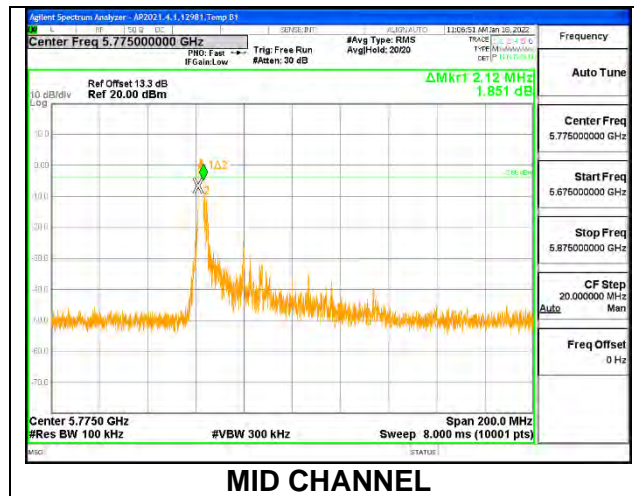
Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Low	5755	38.14	37.47	0.5
High	5795	37.62	35.77	0.5
142	5710	4.048	4.03	0.5



9.3.6. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

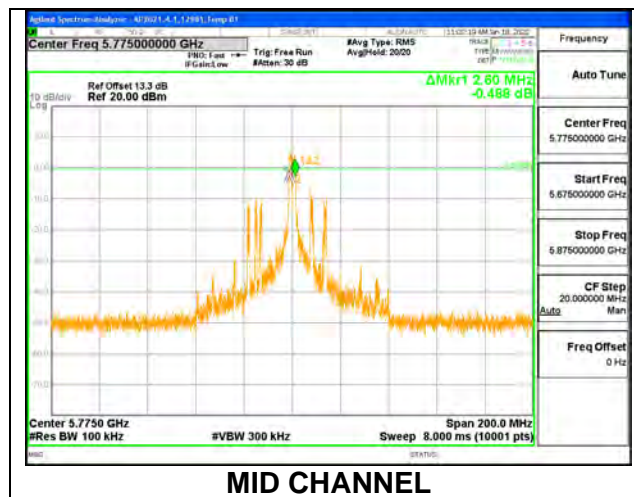
1TX Antenna 6 MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.12	0.5



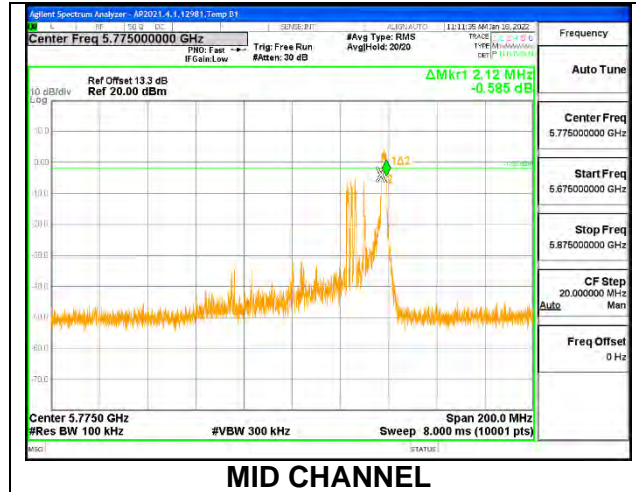
1TX Antenna 6 MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.60	0.5



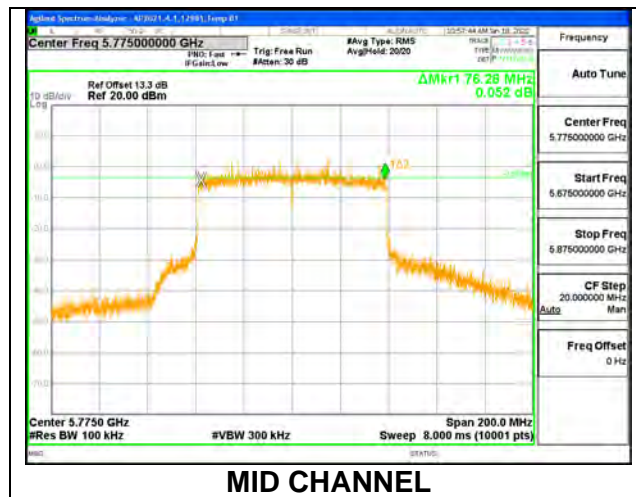
1TX Antenna 6 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	2.12	0.5
138	5690	2.112	0.5



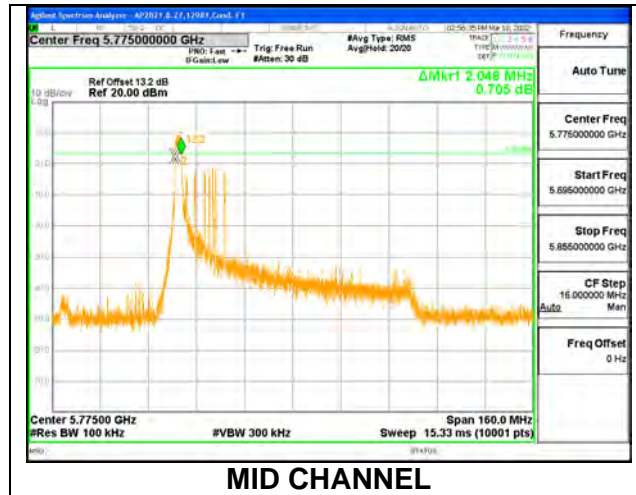
1TX Antenna 6 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	76.28	0.5
138	5690	3.688	0.5



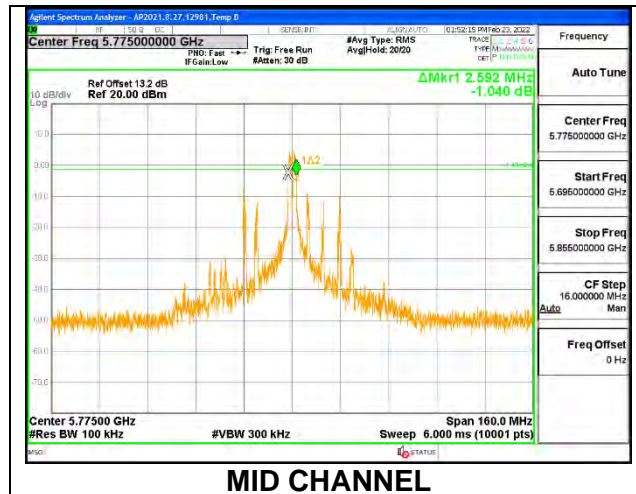
1TX Antenna 5 MODE: 26 Tones, RU Index 0

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



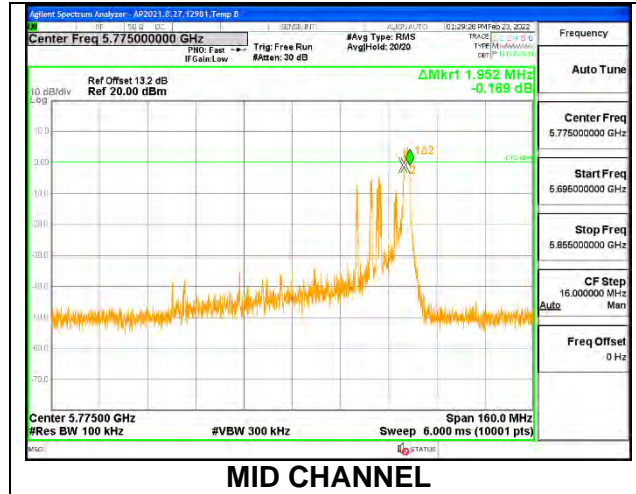
1TX Antenna 5 MODE: 26 Tones, RU Index 18

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



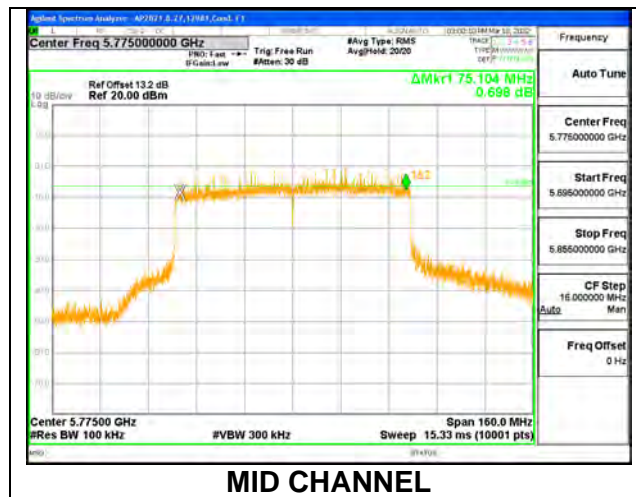
1TX Antenna 5 MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	1.952	0.5
138	5690	2.048	0.5



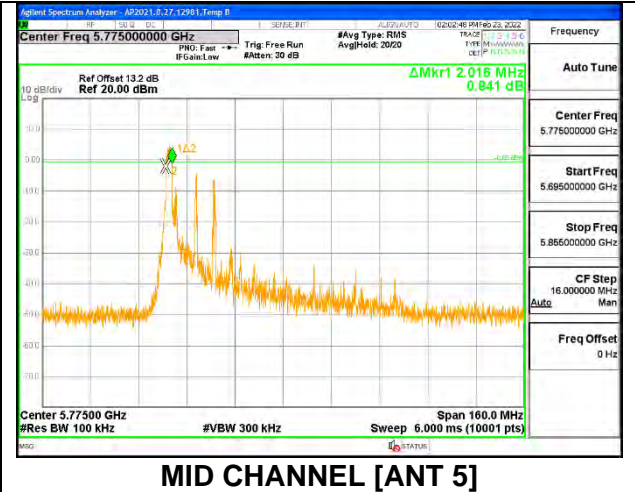
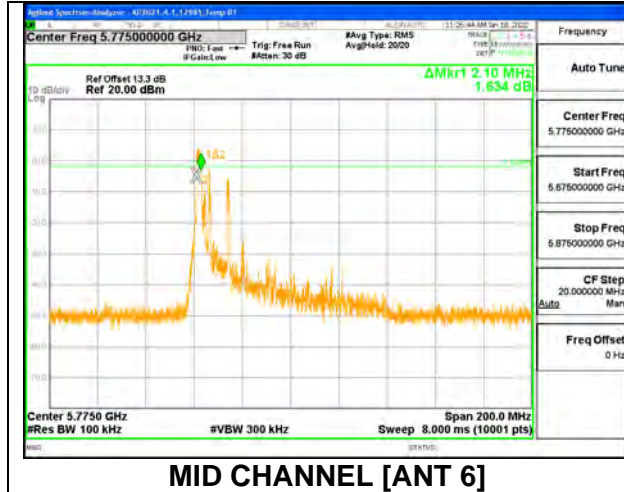
1TX Antenna 5 MODE: SU Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Mid	5775	75.104	0.5
138	5690	3.688	0.5



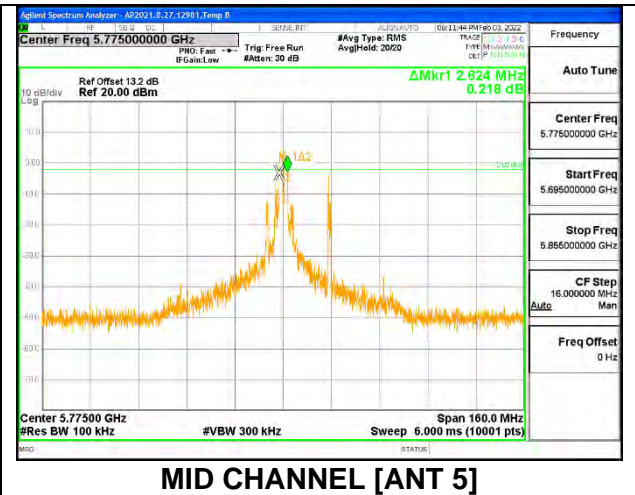
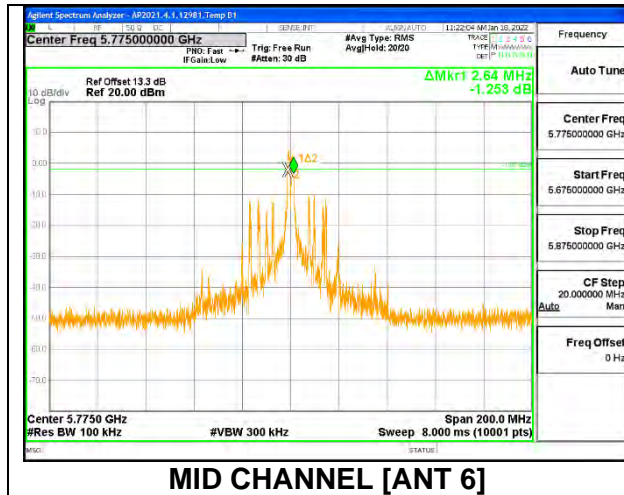
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.100	2.016	0.5



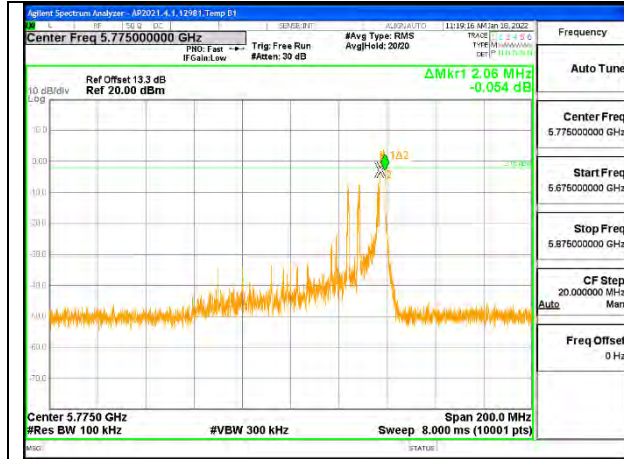
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.640	2.624	0.5

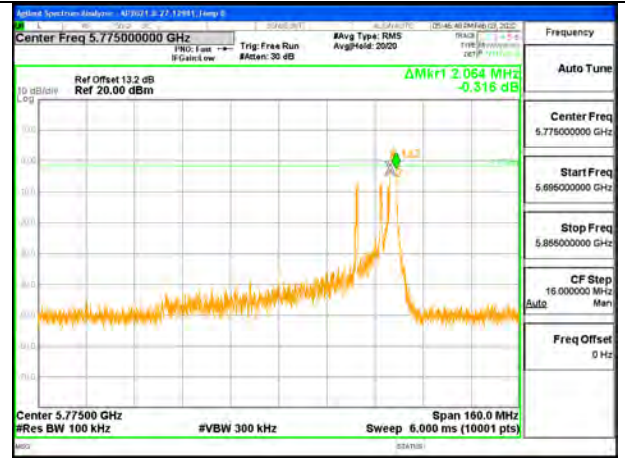


2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.060	2.064	0.5
138	5690	2.08	2.016	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	75.00	75.68	0.5
138	5690	3.56	3.688	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

11n HT20 and 11ax HE20 straddle channel 99% bandwidth= (99% 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	-3.4	-5.3	-4.2	-1.3
5.3	-3.9	-3.4	-3.6	-0.6
5.6	-2.7	-1.0	-1.8	1.2
5.8	-3.8	-2.9	-3.3	-0.3

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= $10 \cdot \text{LOG}((10^{\text{Ant1}/10} + 10^{\text{Ant2}/10})/2)$

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

Sample Calculation at 5.2GHz Band:

Ant1=-3.4, Ant2=-5.3

Uncorrelated Antenna gain= $10 \log[(10^{(-3.4/10)} + 10^{(-5.3/10)})/2] = -4.2$

Correlated Antenna gain= $10 \log[(10^{(-3.4/20)} + 10^{(-5.3/20)})^2/2] = -1.3$

RESULTS

9.4.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	12981
Test Date:	1/10/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-3.40	24.00	11.00
Mid	5200	-3.40	24.00	11.00
High	5240	-3.40	24.00	11.00

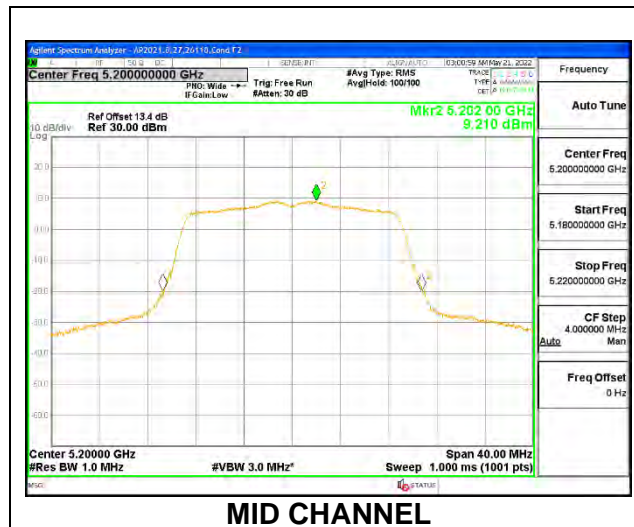
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.90	18.90	24.00	-5.10
Mid	5200	19.45	19.45	24.00	-4.55
High	5240	19.45	19.45	24.00	-4.55

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	5180	8.457	8.567	11.00	-2.433
Mid	5200	9.210	9.320	11.00	-1.680
High	5240	9.385	9.495	11.00	-1.505



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	12981
Test Date:	1/18/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.30	24.00	11.00
Mid	5200	-5.30	24.00	11.00
High	5240	-5.30	24.00	11.00

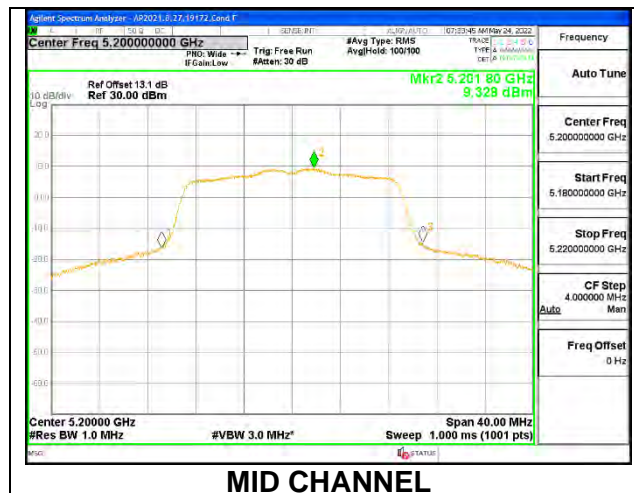
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.75	18.75	24.00	-5.25
Mid	5200	19.42	19.42	24.00	-4.58
High	5240	19.42	19.42	24.00	-4.58

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	8.414	8.524	11.00	-2.476
Mid	5200	9.328	9.438	11.00	-1.562
High	5240	9.302	9.412	11.00	-1.588



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

Test Engineer:	12981
Test Date:	1/20/2022

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	-4.20	-1.30	24.00	11.00
Mid	5200	-4.20	-1.30	24.00	11.00
High	5240	-4.20	-1.30	24.00	11.00

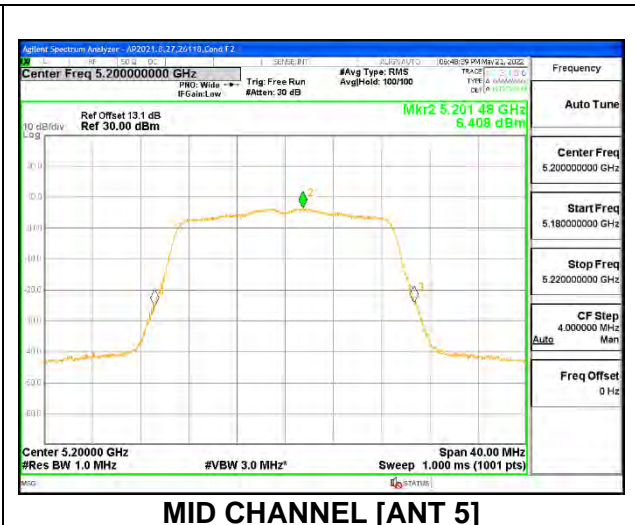
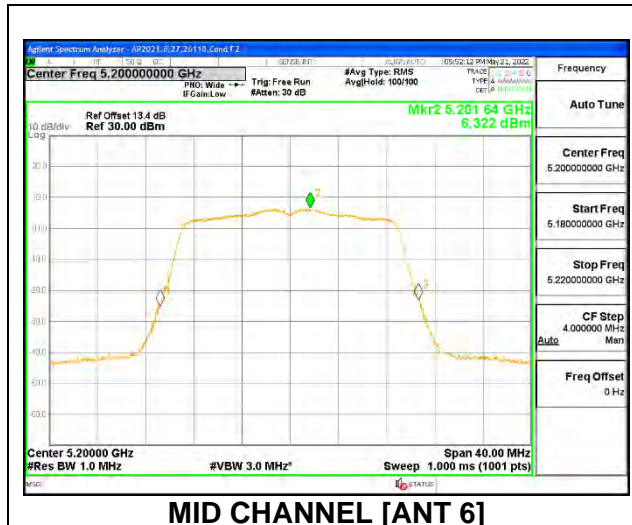
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.42	16.42	19.43	24.00	-4.57
Mid	5200	16.56	16.59	19.59	24.00	-4.41
High	5240	16.57	16.38	19.49	24.00	-4.51

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	6.217	6.375	9.42	11.00	-1.583
Mid	5200	6.322	6.408	9.49	11.00	-1.514
High	5240	6.391	6.491	9.56	11.00	-1.438



9.4.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.40	24.00	11.00
High	5230	-3.40	24.00	11.00

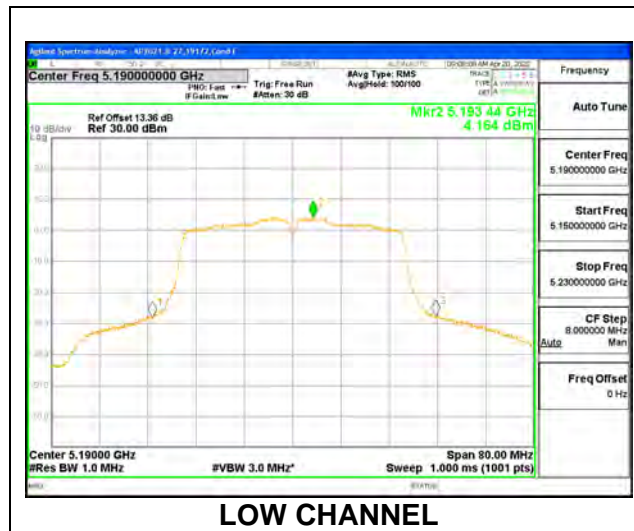
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.42	17.42	24.00	-6.58
High	5230	20.32	20.32	24.00	-3.68

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	4.164	4.354	11.00	-6.646
High	5230	8.269	8.459	11.00	-2.541



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	12981
Test Date:	1/18/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.30	24.00	11.00
High	5230	-5.30	24.00	11.00

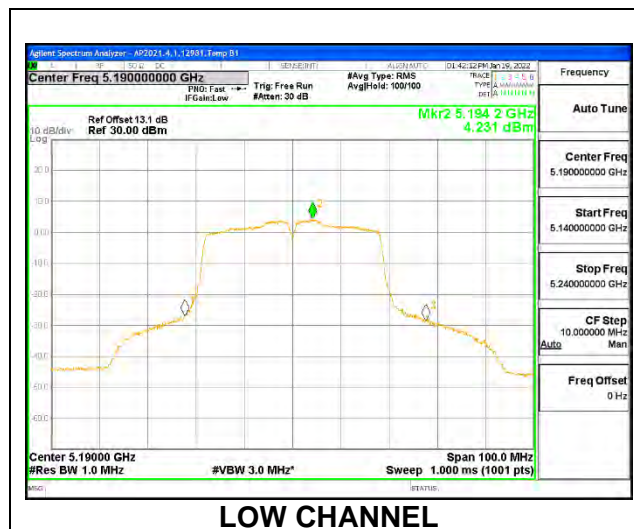
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.38	17.38	24.00	-6.62
High	5230	20.35	20.35	24.00	-3.65

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	4.231	4.421	11.00	-6.579
High	5230	8.224	8.414	11.00	-2.586



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

Test Engineer:	12981
Test Date:	1/19/2022

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	-4.20	-1.30	24.00	11.00
High	5230	-4.20	-1.30	24.00	11.00

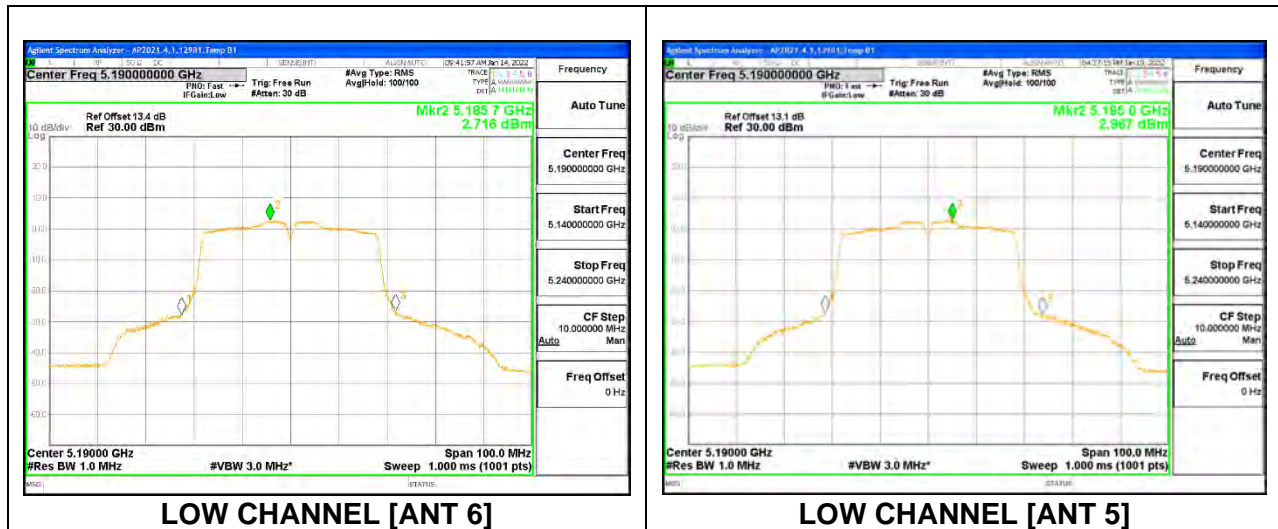
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.83	15.98	18.92	24.00	-5.08
High	5230	19.30	19.37	22.35	24.00	-1.65

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	2.716	2.967	6.04	11.00	-4.956
High	5230	6.131	6.049	9.29	11.00	-1.710



9.4.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.40	24.00	11.00

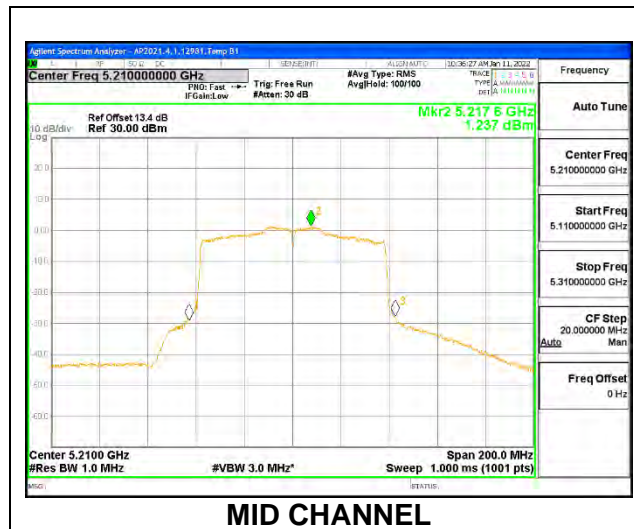
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.41	17.41	24.00	-6.59

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	1.237	1.63	11.00	-9.373



MID CHANNEL

1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	12981
Test Date:	1/19/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.30	24.00	11.00

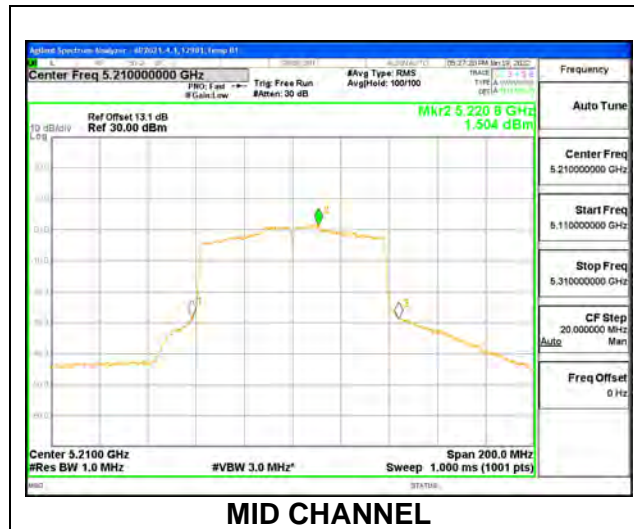
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.43	17.43	24.00	-6.57

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.504	1.89	11.00	-9.106



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

Test Engineer:	12981
Test Date:	3/21/2022

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	-4.20	-1.30	24.00	11.00

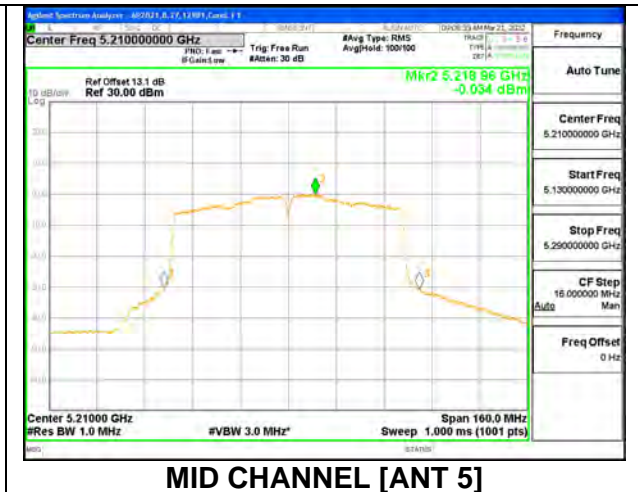
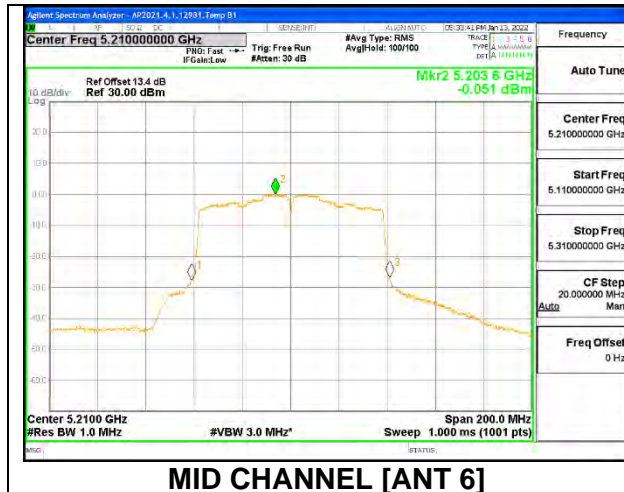
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.31	16.48	19.41	24.00	-4.59

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	5210	-0.051	-0.034	3.36	11.00	-7.642



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:	12981
Test Date:	1/11/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.40	24.00	11.00
Mid	5200	-3.40	24.00	11.00
High	5240	-3.40	24.00	11.00

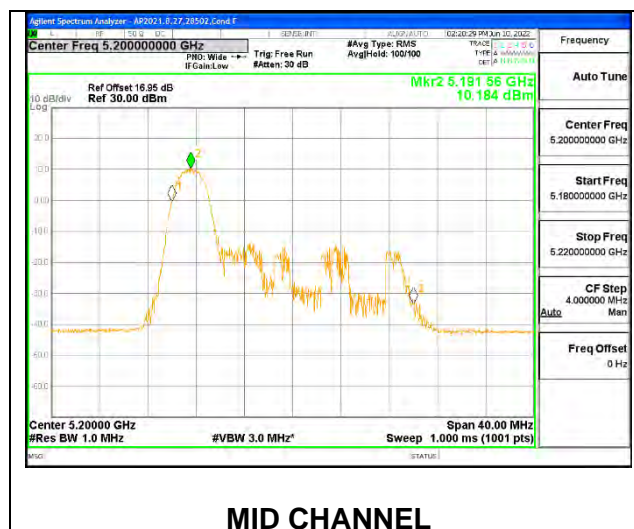
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.99	11.99	24.00	-12.01
Mid	5200	11.90	11.90	24.00	-12.10
High	5240	11.78	11.78	24.00	-12.22

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	10.040	10.040	11.00	-0.960
Mid	5200	10.184	10.184	11.00	-0.816
High	5240	10.102	10.102	11.00	-0.898



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

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.40	24.00	11.00
Mid	5200	-3.40	24.00	11.00
High	5240	-3.40	24.00	11.00

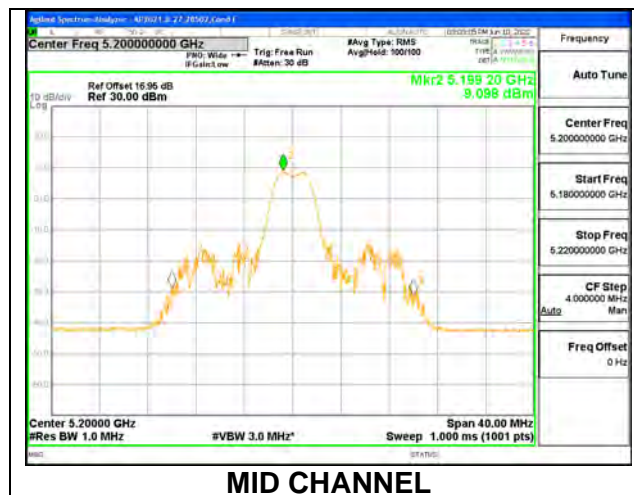
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.88	11.88	24.00	-12.12
Mid	5200	11.78	11.78	24.00	-12.22
High	5240	11.88	11.88	24.00	-12.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.004	9.004	11.00	-1.996
Mid	5200	9.098	9.098	11.00	-1.902
High	5240	8.989	8.989	11.00	-2.011



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

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.40	24.00	11.00
Mid	5200	-3.40	24.00	11.00
High	5240	-3.40	24.00	11.00

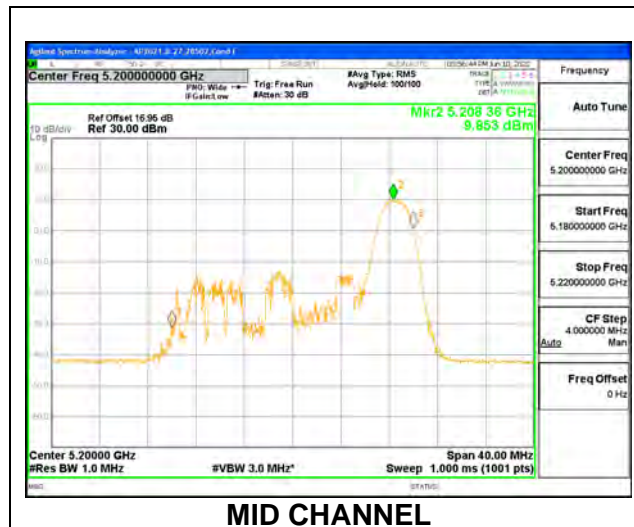
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.81	11.81	24.00	-12.19
Mid	5200	11.75	11.75	24.00	-12.25
High	5240	11.90	11.90	24.00	-12.10

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	5180	9.689	9.689	11.00	-1.311
Mid	5200	9.853	9.853	11.00	-1.147
High	5240	9.915	9.915	11.00	-1.085



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

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.40	24.00	11.00
Mid	5200	-3.40	24.00	11.00
High	5240	-3.40	24.00	11.00

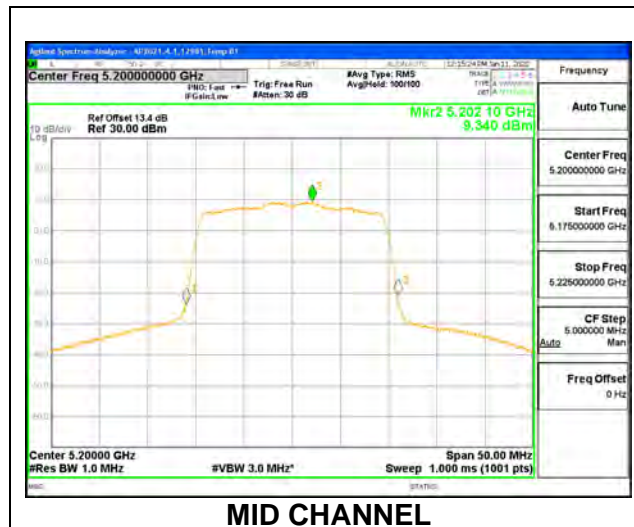
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.42	18.42	24.00	-5.58
Mid	5200	19.94	19.94	24.00	-4.06
High	5240	19.93	19.93	24.00	-4.07

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	7.717	7.717	11.00	-3.283
Mid	5200	9.340	9.340	11.00	-1.660
High	5240	9.605	9.605	11.00	-1.395



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

Test Engineer:	12981
Test Date:	1/20/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.30	24.00	11.00
Mid	5200	-5.30	24.00	11.00
High	5240	-5.30	24.00	11.00

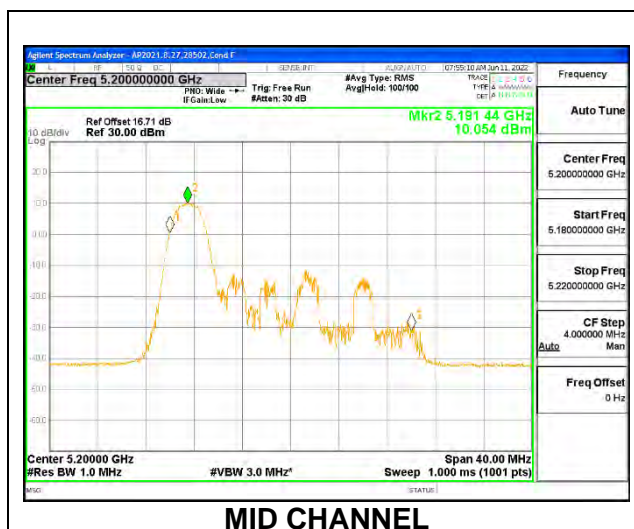
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.96	11.96	24.00	-12.04
Mid	5200	11.77	11.77	24.00	-12.23
High	5240	11.89	11.89	24.00	-12.11

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	10.159	10.159	11.00	-0.841
Mid	5200	10.054	10.054	11.00	-0.946
High	5240	10.084	10.084	11.00	-0.916



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

Test Engineer:	12981
Test Date:	1/20/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.30	24.00	11.00
Mid	5200	-5.30	24.00	11.00
High	5240	-5.30	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	11.79	11.79	24.00	-12.21
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	9.043	9.043	11.00	-1.957
Mid	5200	8.957	8.957	11.00	-2.043
High	5240	9.100	9.100	11.00	-1.900



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

Test Engineer:	12981
Test Date:	1/20/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.30	24.00	11.00
Mid	5200	-5.30	24.00	11.00
High	5240	-5.30	24.00	11.00

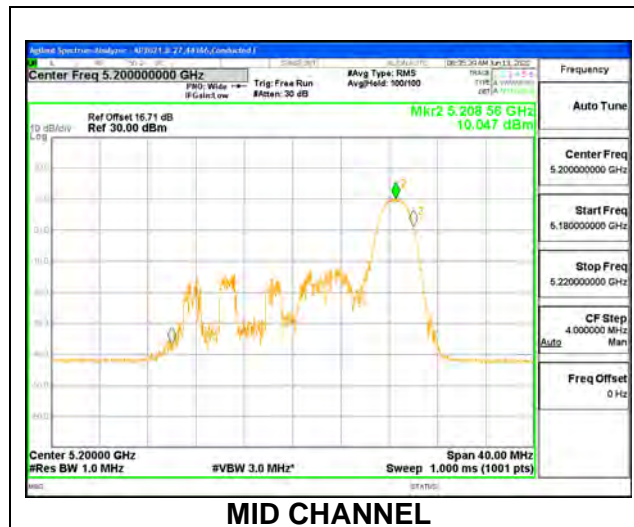
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.89	11.89	24.00	-12.11
Mid	5200	11.81	11.81	24.00	-12.19
High	5240	11.85	11.85	24.00	-12.15

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	10.045	10.045	11.00	-0.955
Mid	5200	10.047	10.047	11.00	-0.953
High	5240	9.984	9.984	11.00	-1.016



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

Test Engineer:	12981
Test Date:	1/20/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-5.30	24.00	11.00
Mid	5200	-5.30	24.00	11.00
High	5240	-5.30	24.00	11.00

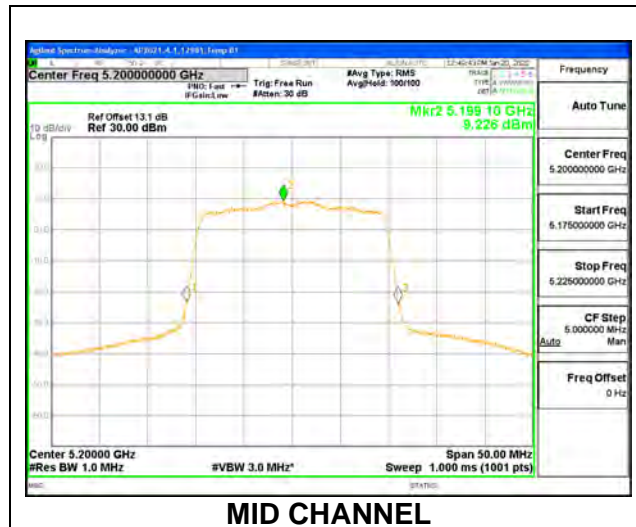
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.47	18.47	24.00	-5.53
Mid	5200	19.82	19.82	24.00	-4.18
High	5240	19.86	19.86	24.00	-4.14

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	7.925	7.93	11.00	-3.075
Mid	5200	9.226	9.23	11.00	-1.774
High	5240	9.184	9.18	11.00	-1.816



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

Test Engineer:	12981
Test Date:	1/24/2022

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	-4.20	-1.30	24.00	11.00
Mid	5200	-4.20	-1.30	24.00	11.00
High	5240	-4.20	-1.30	24.00	11.00

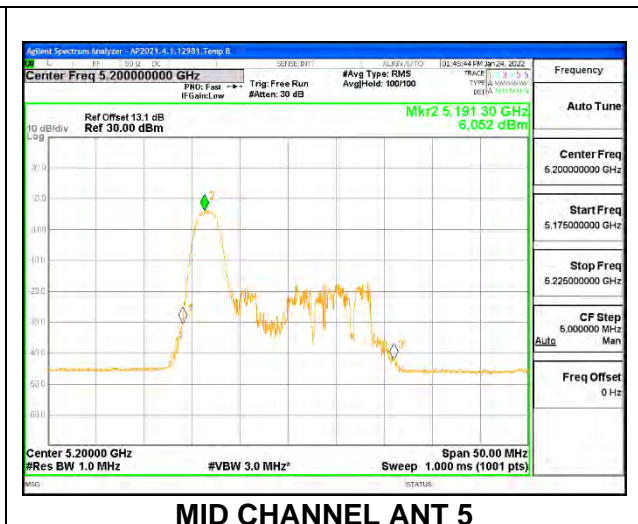
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.92	8.97	11.96	24.00	-12.04
Mid	5200	8.96	8.94	11.96	24.00	-12.04
High	5240	8.89	8.96	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	5180	6.101	6.190	9.156	11.00	-1.844
Mid	5200	5.955	6.052	9.014	11.00	-1.986
High	5240	5.977	6.025	9.011	11.00	-1.989



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

Test Engineer:	12981
Test Date:	1/24/2022

Antenna Gain and Limits

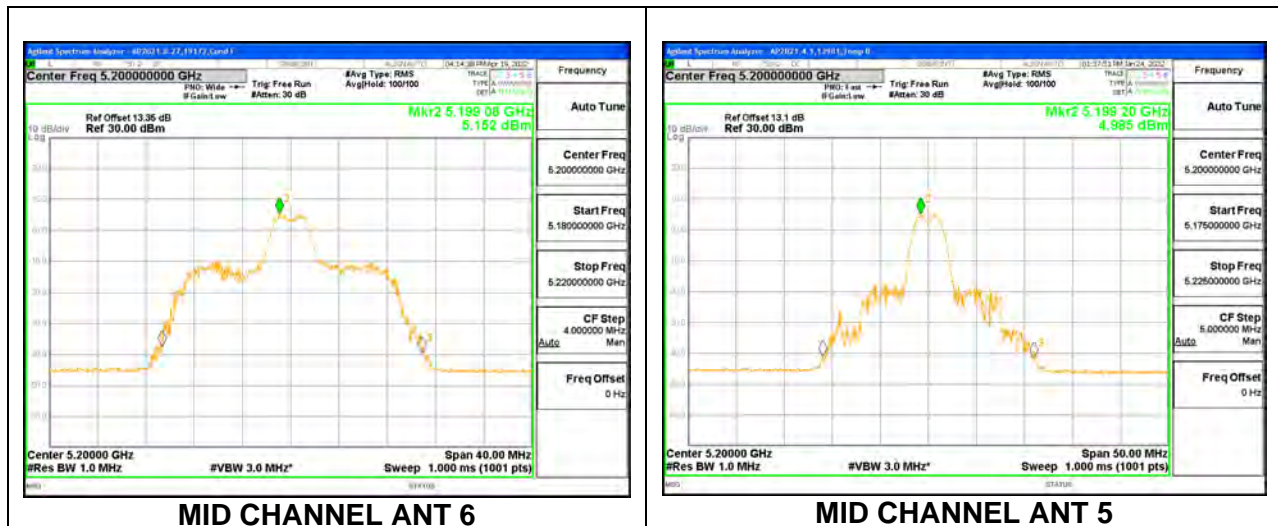
Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-4.20	-1.30	24.00	11.00
Mid	5200	-4.20	-1.30	24.00	11.00
High	5240	-4.20	-1.30	24.00	11.00
Duty Cycle CF (dB)		0.00	Included in Calculations of Corr'd PSD		

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	8.95	8.73	11.85	24.00	-12.15
Mid	5200	8.87	8.85	11.87	24.00	-12.13
High	5240	8.98	8.86	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	5.346	4.991	8.182	11.00	-2.818
Mid	5200	5.152	4.985	8.080	11.00	-2.920
High	5240	5.208	5.019	8.125	11.00	-2.875



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

Test Engineer:	12981
Test Date:	1/24/2022

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	-4.20	-1.30	24.00	11.00
Mid	5200	-4.20	-1.30	24.00	11.00
High	5240	-4.20	-1.30	24.00	11.00

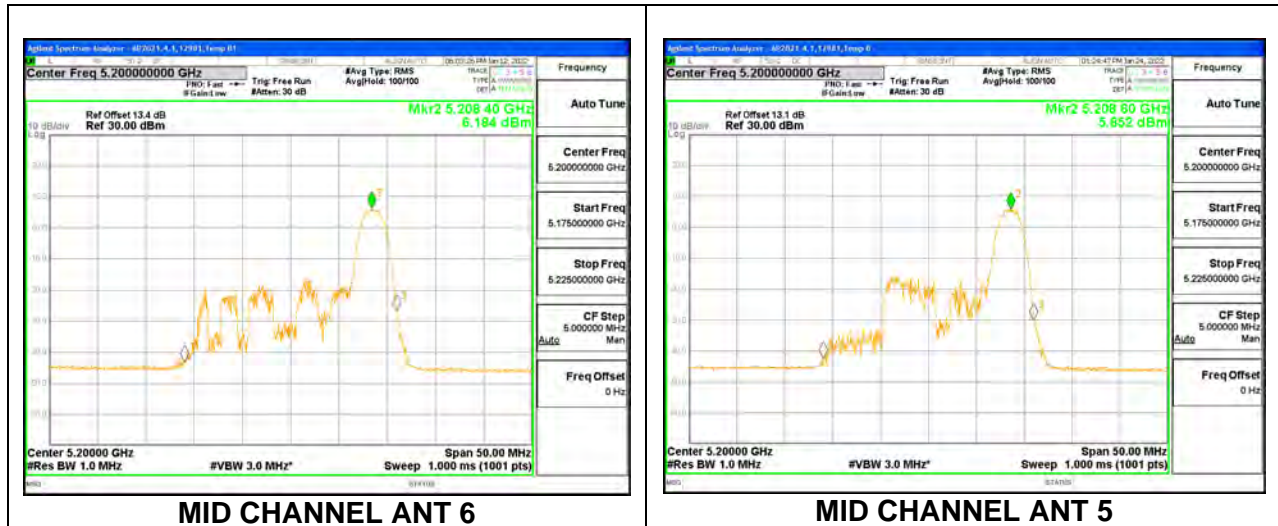
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.97	8.85	11.92	24.00	-12.08
Mid	5200	8.98	8.88	11.94	24.00	-12.06
High	5240	8.93	8.85	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	5180	6.120	6.207	9.174	11.00	-1.826
Mid	5200	6.184	5.852	9.031	11.00	-1.969
High	5240	6.312	6.041	9.189	11.00	-1.811



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

Test Engineer:	12981
Test Date:	1/21/2022

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	-4.20	-1.30	24.00	11.00
Mid	5200	-4.20	-1.30	24.00	11.00
High	5240	-4.20	-1.30	24.00	11.00

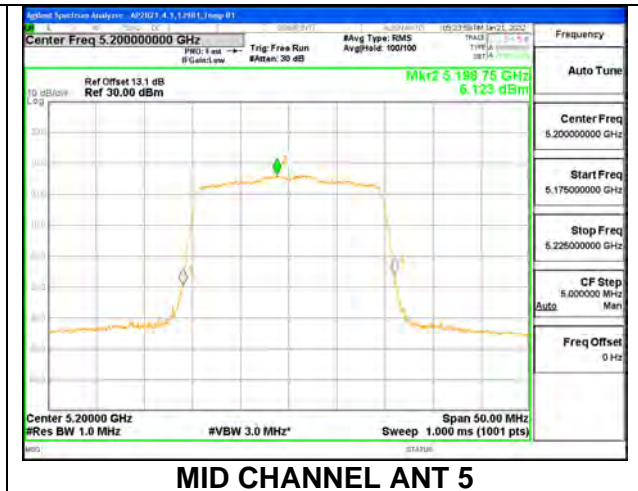
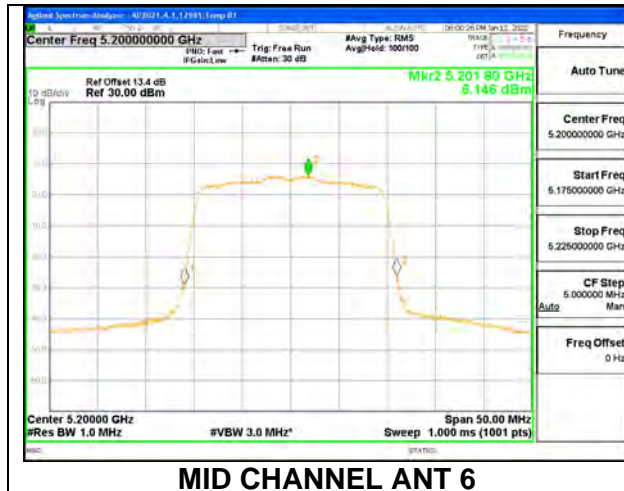
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.93	16.80	19.88	24.00	-4.12
Mid	5200	16.93	16.83	19.89	24.00	-4.11
High	5240	16.97	16.91	19.95	24.00	-4.05

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	6.41	6.27	9.349	11.00	-1.651
Mid	5200	6.146	6.123	9.145	11.00	-1.855
High	5240	6.33	6.04	9.193	11.00	-1.807



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:	12981
Test Date:	1/12/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.40	24.00	11.00
High	5230	-3.40	24.00	11.00

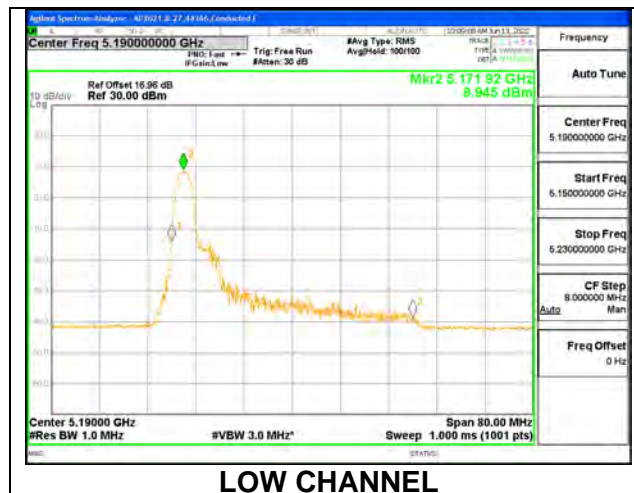
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	10.92	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)
Low	5190	8.945	8.945	11.00	-2.055
High	5230	8.970	8.970	11.00	-2.030



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

Test Engineer:	12981
Test Date:	1/12/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.40	24.00	11.00
High	5230	-3.40	24.00	11.00

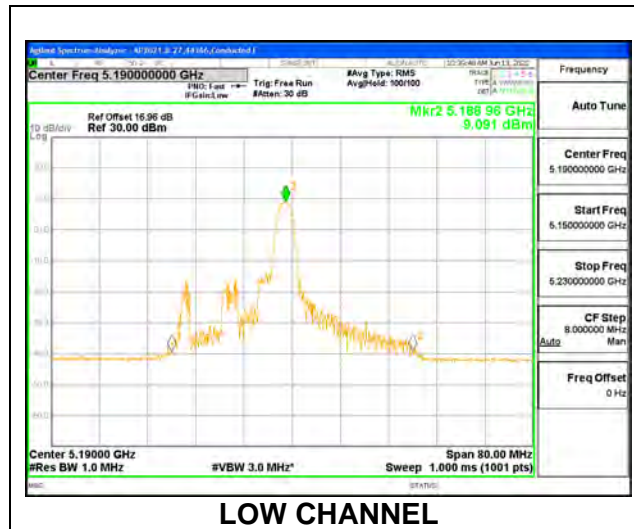
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.95	10.95	24.00	-13.05
High	5230	10.97	10.97	24.00	-13.03

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	9.091	9.091	11.00	-1.909
High	5230	9.075	9.075	11.00	-1.925



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

Test Engineer:	12981
Test Date:	1/12/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.40	24.00	11.00
High	5230	-3.40	24.00	11.00

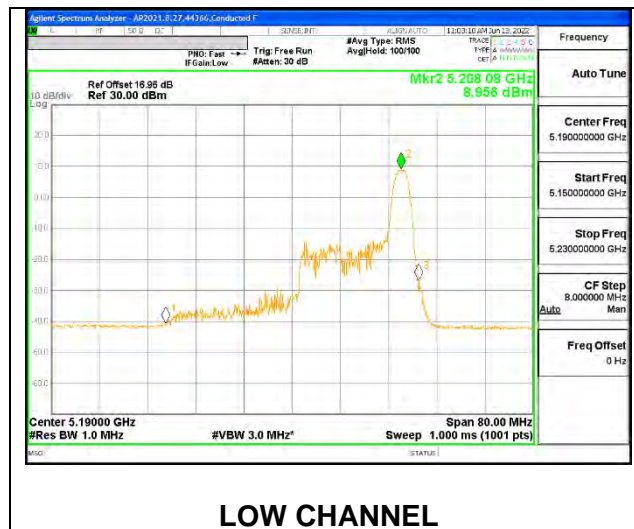
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.94	10.94	24.00	-13.06
High	5230	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)
Low	5190	8.956	8.956	11.00	-2.044
High	5230	8.923	8.923	11.00	-2.077



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

Test Engineer:	12981
Test Date:	1/12/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.40	24.00	11.00
High	5230	-3.40	24.00	11.00

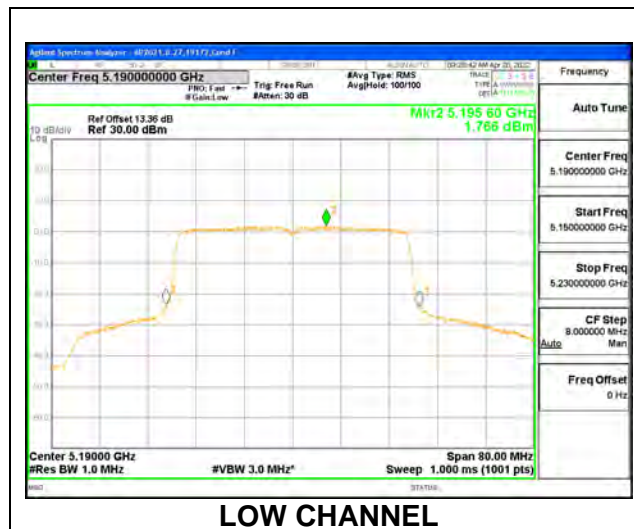
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.47	16.47	24.00	-7.53
High	5230	20.42	20.42	24.00	-3.58

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	1.766	1.886	11.00	-9.114
High	5230	6.938	7.058	11.00	-3.942



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

Test Engineer:	12981
Test Date:	1/27/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.30	24.00	11.00
High	5230	-5.30	24.00	11.00

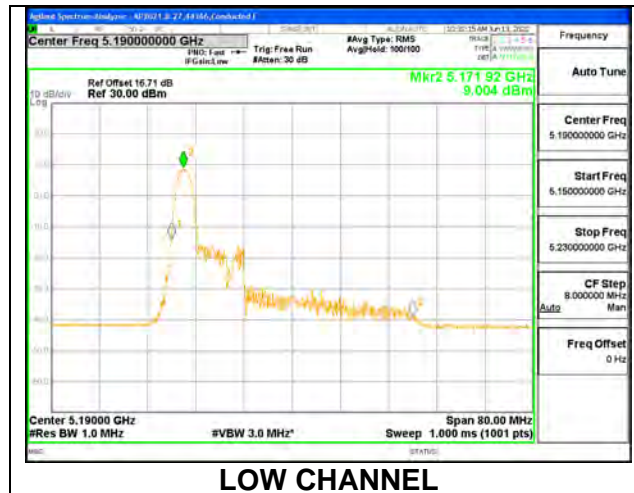
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.83	10.83	24.00	-13.17
High	5230	10.91	10.91	24.00	-13.09

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	5190	9.004	9.004	11.00	-1.996
High	5230	8.708	8.708	11.00	-2.292



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

Test Engineer:	12981
Test Date:	01/27/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.30	24.00	11.00
High	5230	-5.30	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	10.85	10.85	24.00	-13.15
High	5230	10.91	10.91	24.00	-13.09

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	5190	8.727	8.727	11.00	-2.273
High	5230	8.804	8.804	11.00	-2.196



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

Test Engineer:	12981
Test Date:	1/27/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.30	24.00	11.00
High	5230	-5.30	24.00	11.00

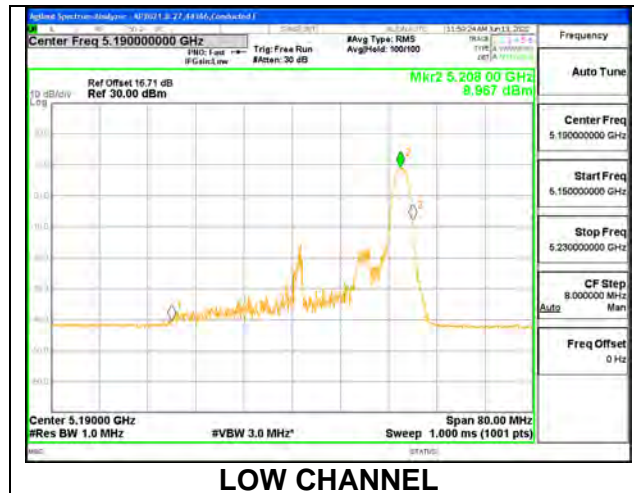
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.91	10.91	24.00	-13.09
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	8.967	8.967	11.00	-2.033
High	5230	9.006	9.006	11.00	-1.994



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

Test Engineer:	12981
Test Date:	1/26/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.30	24.00	11.00
High	5230	-5.30	24.00	11.00

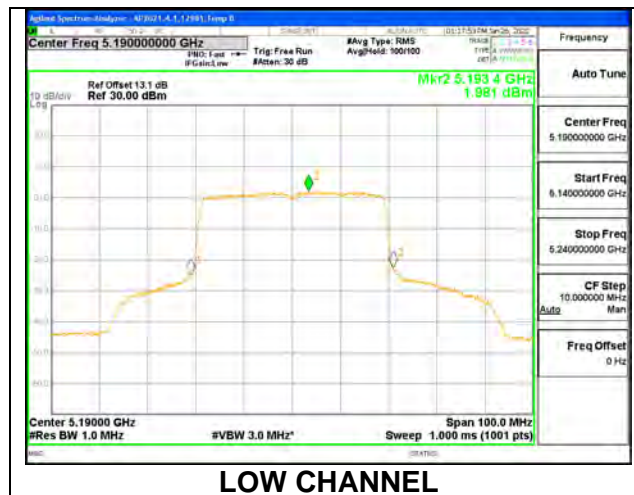
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.46	16.46	24.00	-7.54
High	5230	20.35	20.35	24.00	-3.65

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	1.981	2.101	11.00	-8.899
High	5230	6.802	6.922	11.00	-4.078



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

Test Engineer:	12981
Test Date:	2/1/2022

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	-4.20	-1.30	24.00	11.00
High	5230	-4.20	-1.30	24.00	11.00

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

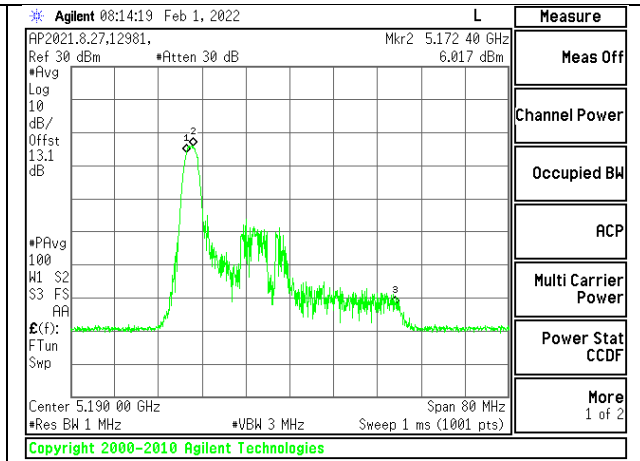
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.90	8.94	11.93	24.00	-12.07
High	5230	8.95	8.93	11.95	24.00	-12.05

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	5.842	6.017	8.941	11.00	-2.059
High	5230	5.802	6.057	8.942	11.00	-2.058



LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

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

Test Engineer:	12981
Test Date:	2/1/2022

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	-4.20	-1.30	24.00	11.00
High	5230	-4.20	-1.30	24.00	11.00

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

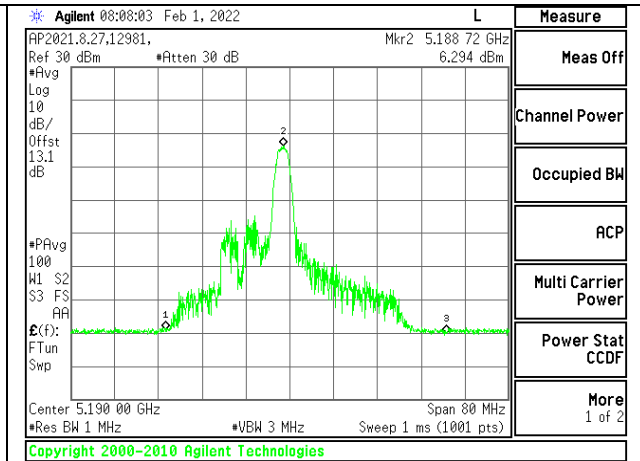
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.90	8.94	11.93	24.00	-12.07
High	5230	8.93	8.84	11.90	24.00	-12.10

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	6.079	6.294	9.198	11.00	-1.802
High	5230	6.168	6.645	9.423	11.00	-1.577



LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

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

Test Engineer:	12981
Test Date:	2/1/2022

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	-4.20	-1.30	24.00	11.00
High	5230	-4.20	-1.30	24.00	11.00

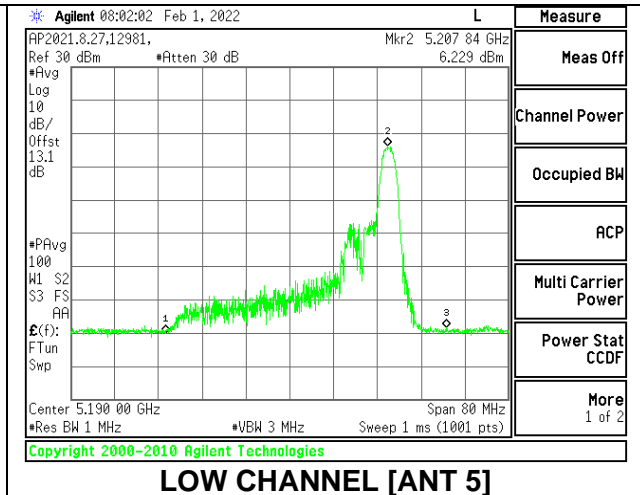
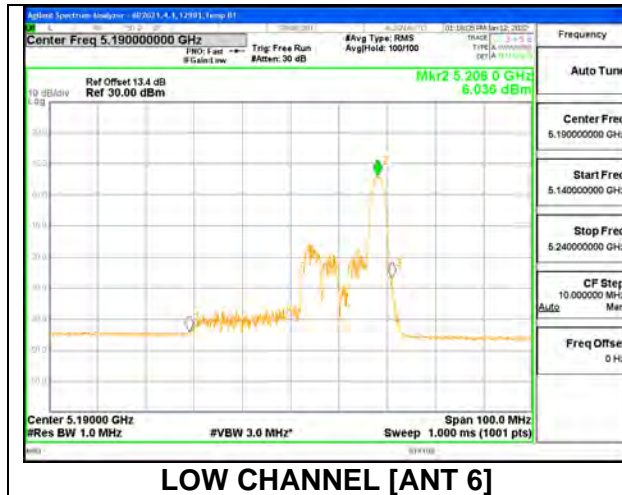
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.86	8.91	11.90	24.00	-12.10
High	5230	8.88	8.92	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	5190	6.036	6.229	9.144	11.00	-1.856
High	5230	6.023	5.904	8.974	11.00	-2.026



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

Test Engineer:	12981
Test Date:	1/26/2022

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	-4.20	-1.30	24.00	11.00
High	5230	-4.20	-1.30	24.00	11.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

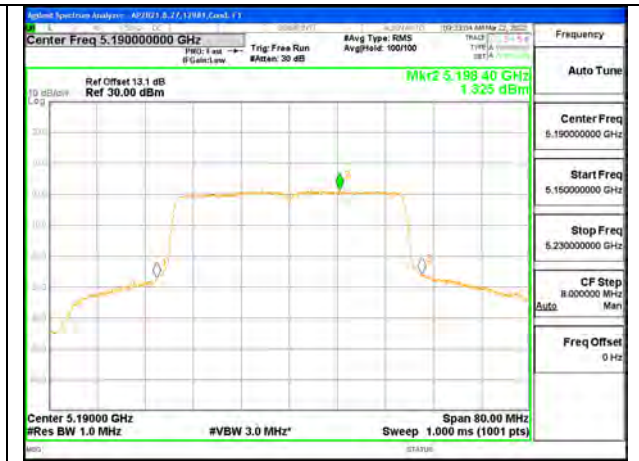
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.84	15.81	18.84	24.00	-5.16
High	5230	19.38	19.37	22.39	24.00	-1.61

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	5190	1.312	1.325	4.449	11.00	-6.551
High	5230	4.661	4.742	7.832	11.00	-3.168



LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

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:	12981
Test Date:	1/14/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.40	24.00	11.00

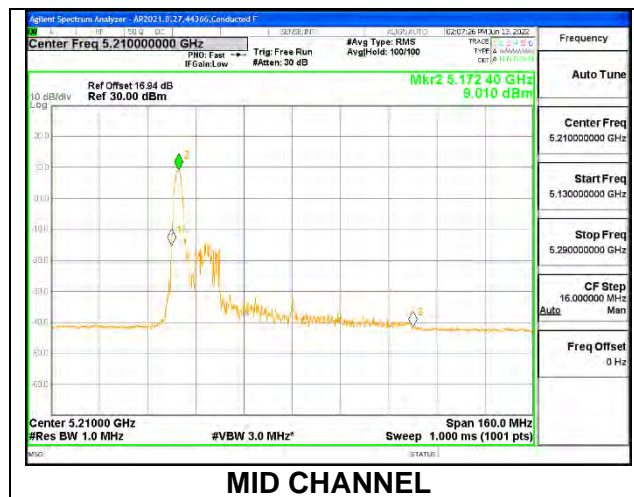
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.87	10.87	24.00	-13.13

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	9.010	9.010	11.00	-1.990



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

Test Engineer:	12981
Test Date:	1/14/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.40	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	8.017	8.017	11.00	-2.983



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

Test Engineer:	12981
Test Date:	1/14/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.40	24.00	11.00

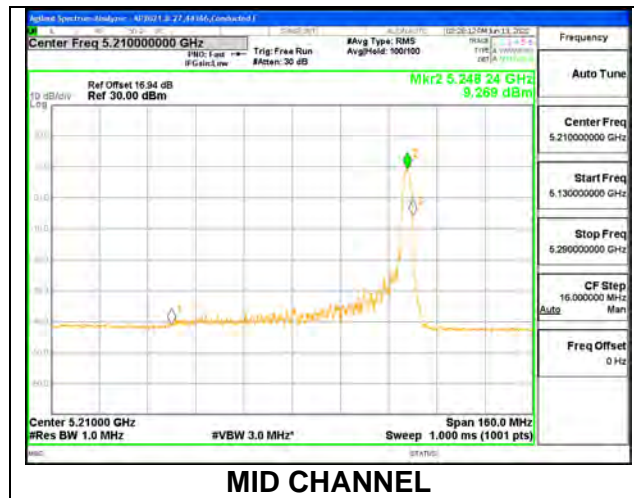
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	9.269	9.269	11.00	-1.731



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

Test Engineer:	12981
Test Date:	1/14/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.40	24.00	11.00

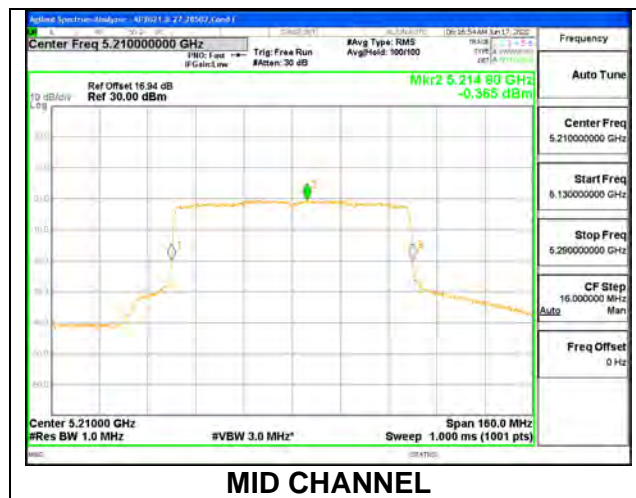
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.35	16.35	24.00	-7.65

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	-0.365	-0.135	11.00	-11.135



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

Test Engineer:	12981
Test Date:	2/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.30	24.00	11.00

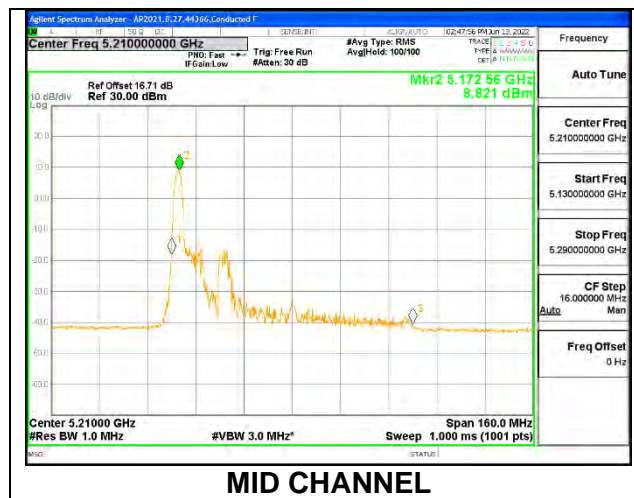
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.94	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)
Mid	5210	8.821	8.821	11.00	-2.179



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

Test Engineer:	12981
Test Date:	2/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.30	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	10.94	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)
Mid	5210	8.245	8.245	11.00	-2.755



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

Test Engineer:	12981
Test Date:	2/22/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.30	24.00	11.00

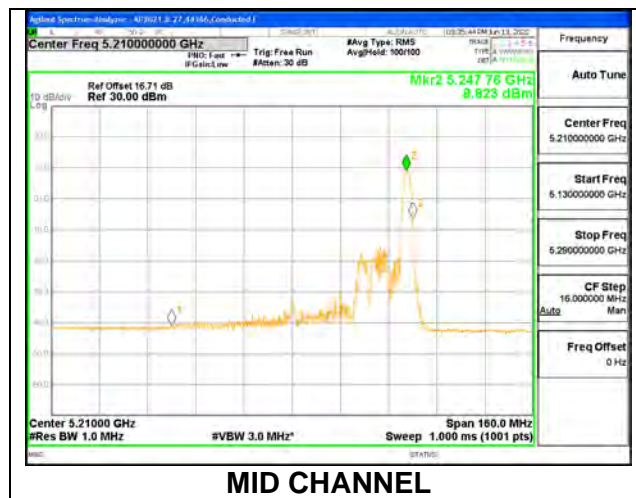
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.823	8.823	11.00	-2.177



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

Test Engineer:	12981
Test Date:	1/28/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.30	24.00	11.00

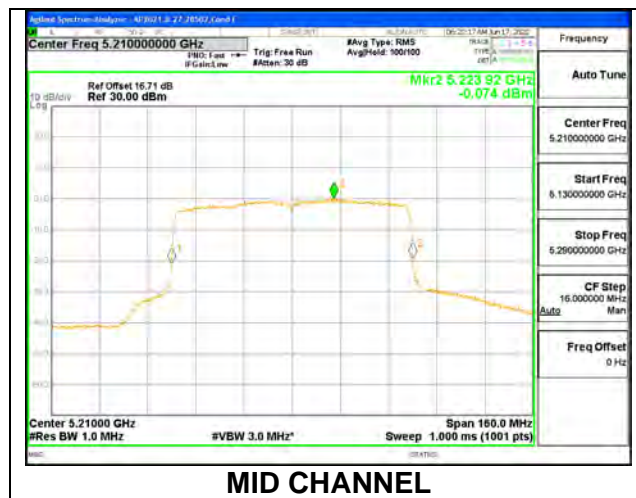
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.39	16.39	24.00	-7.61

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	-0.074	0.156	11.00	-10.844



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

Test Engineer:	12981
Test Date:	2/23/2022

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	-4.20	-1.30	24.00	11.00

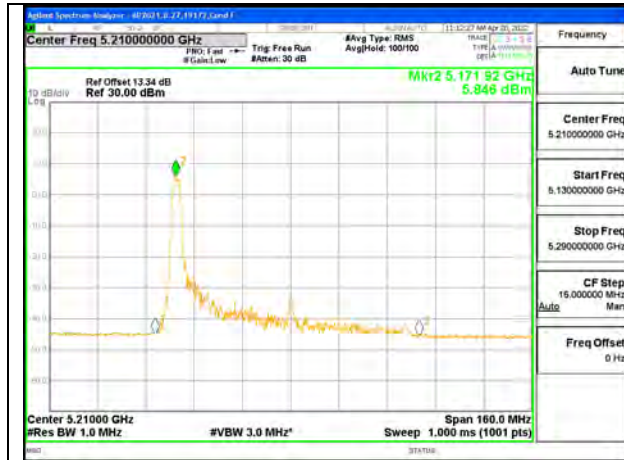
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.94	8.96	11.96	24.00	-12.04

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)
Mid	5210	5.846	6.112	8.991	11.00	-2.009



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

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

Test Engineer:	12981
Test Date:	2/23/2022

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	-4.20	-1.30	24.00	11.00

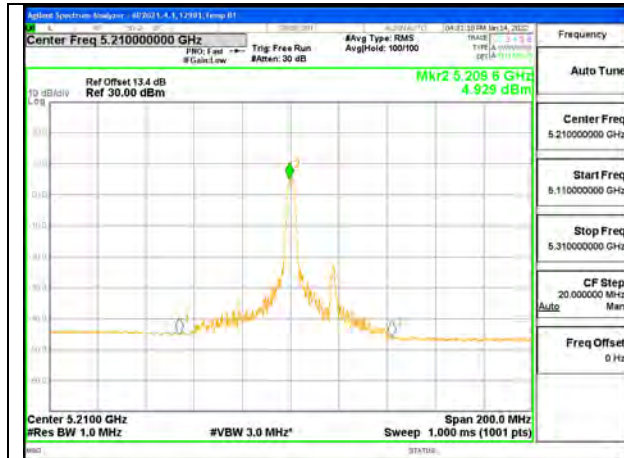
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.90	8.98	11.95	24.00	-12.05

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	4.929	4.999	7.974	11.00	-3.026



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

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

Test Engineer:	12981
Test Date:	2/23/2022

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	-4.20	-1.30	24.00	11.00

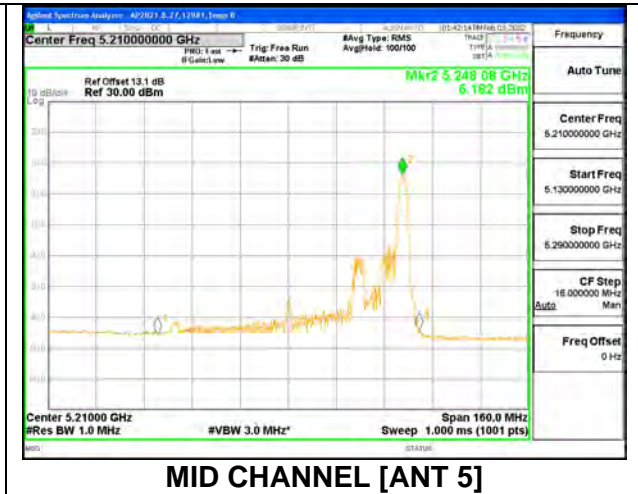
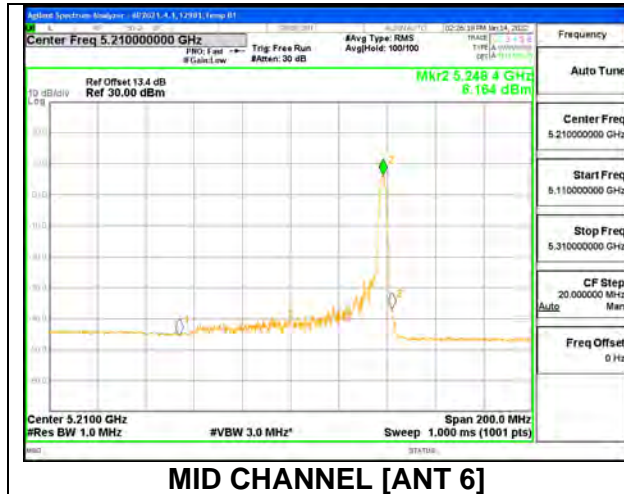
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.94	8.91	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)
Mid	5210	6.164	6.182	9.183	11.00	-1.817



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

Test Engineer:	12981
Test Date:	1/28/2022

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	-4.20	-1.30	24.00	11.00

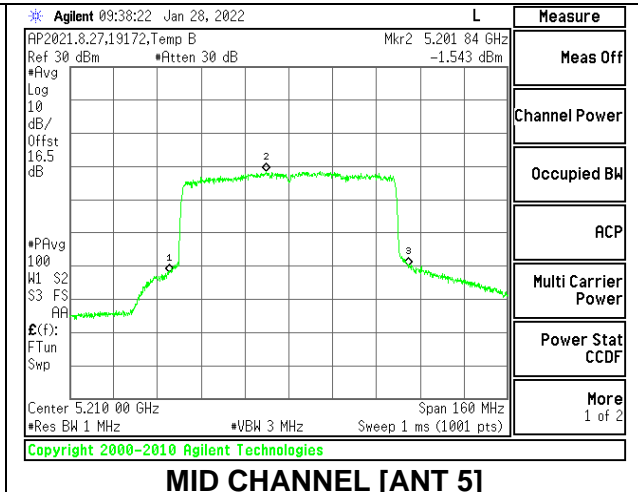
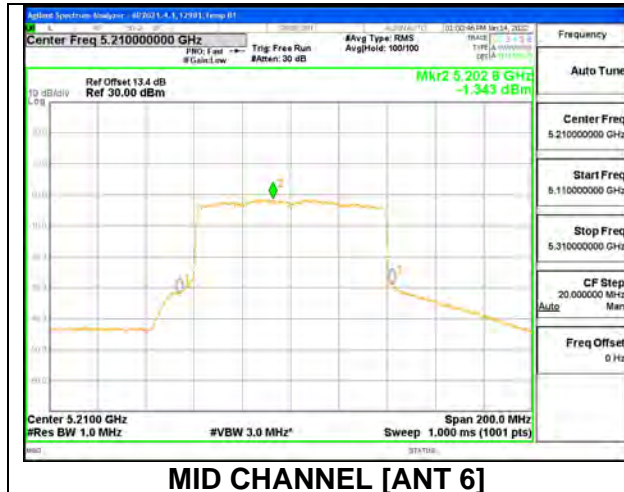
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.97	15.78	18.89	24.00	-5.11

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	5210	-1.343	-1.543	1.798	11.00	-9.202



9.4.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	12981
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	17.835	-3.90	23.51	11.00
Mid	5300	17.824	-3.90	23.51	11.00
High	5320	17.851	-3.90	23.52	11.00

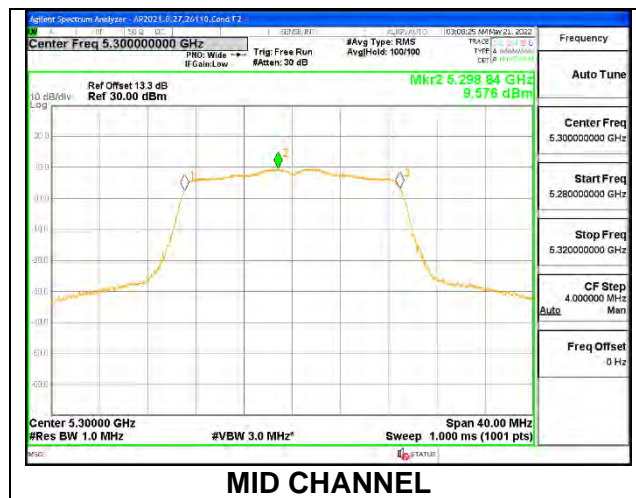
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.48	19.48	23.51	-4.03
Mid	5300	19.49	19.49	23.51	-4.02
High	5320	18.87	18.87	23.52	-4.65

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	9.540	9.650	11.00	-1.350
Mid	5300	9.576	9.686	11.00	-1.314
High	5320	8.442	8.552	11.00	-2.448



1TX Antenna 5 MODE (FCC)

Test Engineer:	12981
Test Date:	1/18/2022

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	21.05	-3.40	24.00	11.00
Mid	5300	21.26	-3.40	24.00	11.00
High	5320	22.61	-3.40	24.00	11.00

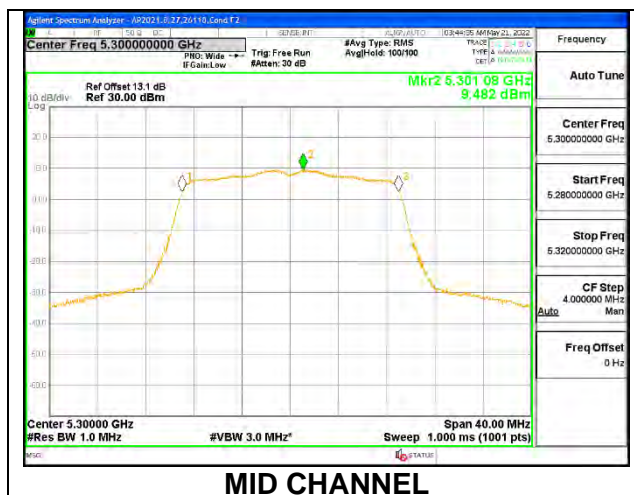
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.48	19.48	24.00	-4.52
Mid	5300	19.47	19.47	24.00	-4.53
High	5320	18.82	18.82	24.00	-5.18

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	9.496	9.606	11.00	-1.394
Mid	5300	9.482	9.592	11.00	-1.408
High	5320	8.435	8.545	11.00	-2.455



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

Test Engineer:	12981
Test Date:	1/20/2022

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	20.49	-3.60	-0.60	24.00	11.00
Mid	5300	20.58	-3.60	-0.60	24.00	11.00
High	5320	21.18	-3.60	-0.60	24.00	11.00

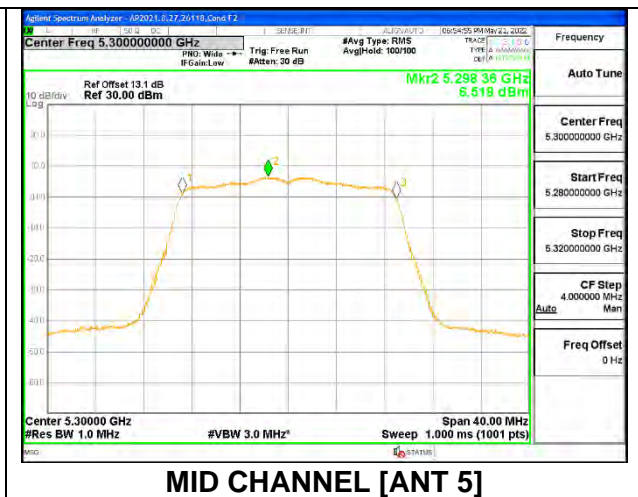
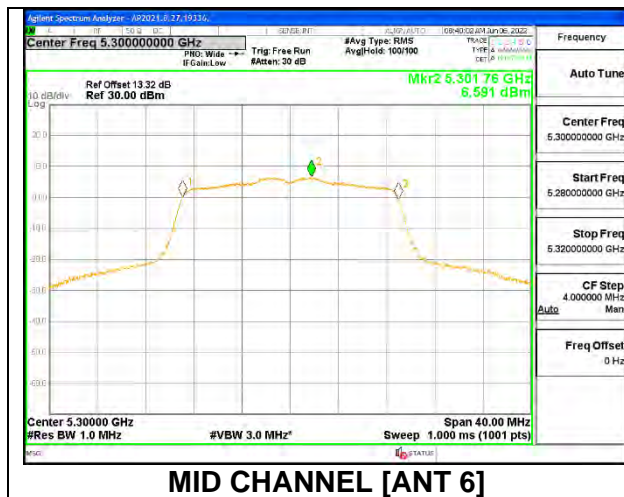
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.48	16.45	19.48	24.00	-4.52
Mid	5300	16.42	16.42	19.43	24.00	-4.57
High	5320	16.48	16.47	19.49	24.00	-4.51

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	6.605	6.334	9.592	11.00	-1.408
Mid	5300	6.591	6.518	9.675	11.00	-1.325
High	5320	6.470	6.529	9.620	11.00	-1.380



9.4.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	12981
Test Date:	1/11/2022

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	41.39	-3.90	24.00	11.00
High	5310	43.66	-3.90	24.00	11.00

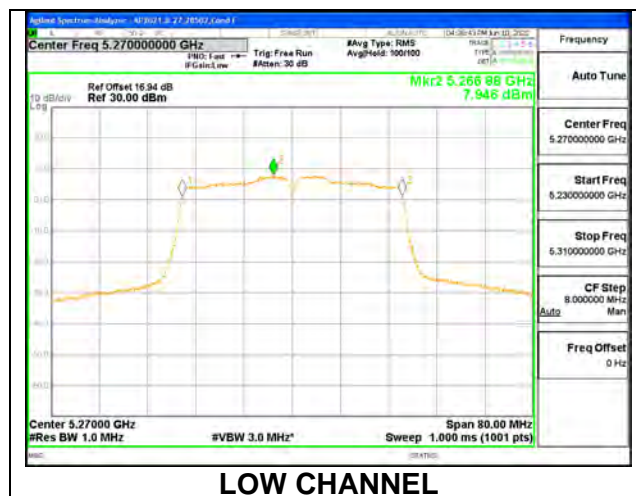
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.48	20.48	24.00	-3.52
High	5310	17.33	17.33	24.00	-6.67

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	7.946	7.946	11.00	-3.054
High	5310	4.230	4.230	11.00	-6.770



1TX Antenna 5 MODE (FCC)

Test Engineer:	12981
Test Date:	1/19/2022

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	41.13	-3.40	24.00	11.00
High	5310	44.64	-3.40	24.00	11.00

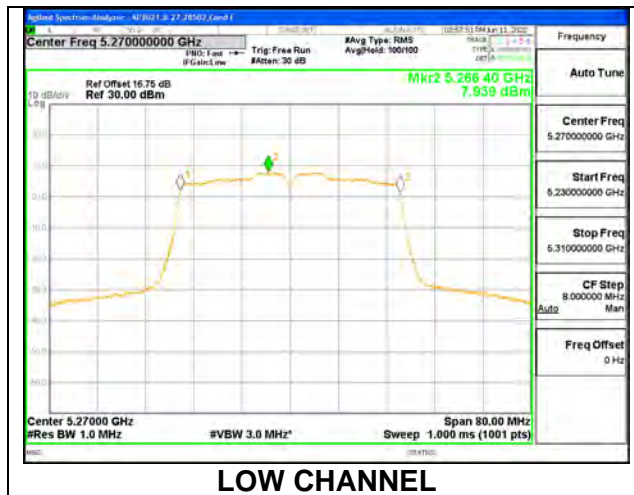
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.30	20.30	24.00	-3.70
High	5310	17.40	17.40	24.00	-6.60

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	5270	7.939	8.129	11.00	-2.871
High	5310	4.097	4.097	11.00	-6.903



LOW CHANNEL

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

Test Engineer:	12981
Test Date:	1/19/2022

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	40.55	-3.60	-0.60	24.00	11.00
High	5310	40.90	-3.60	-0.60	24.00	11.00

Duty Cycle CF (dB)	0.19	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	19.49	19.47	22.49	24.00	-1.51
High	5310	15.80	15.97	18.90	24.00	-5.10

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	5270	6.188	6.309	9.449	11.00	-1.551
High	5310	2.719	2.885	6.003	11.00	-4.997



LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

9.4.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	12981
Test Date:	1/11/2022

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	82.07	-3.90	24.00	11.00

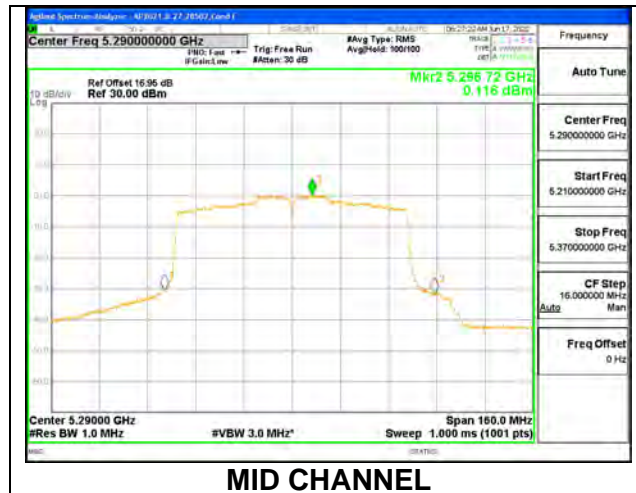
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.99	15.99	24.00	-8.01

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	0.116	0.506	11.00	-10.494



1TX Antenna 5 MODE (FCC)

Test Engineer:	12981
Test Date:	1/19/2022

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	82.38	-3.40	24.00	11.00

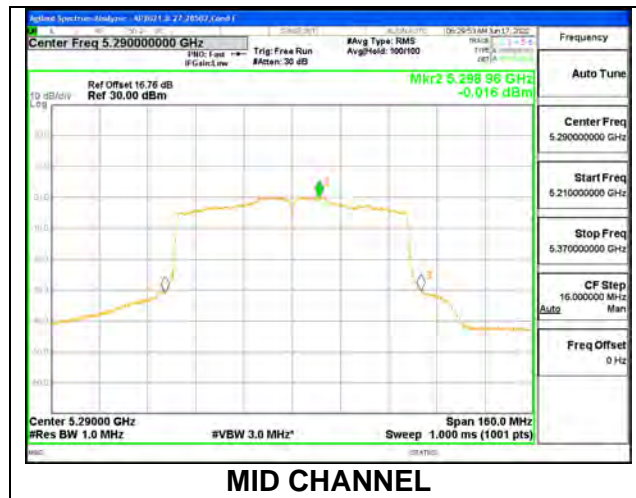
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.88	15.88	24.00	-8.12

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	-0.016	0.374	11.00	-10.626



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

Test Engineer:	12981
Test Date:	1/20/2022

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	81.36	-3.60	-0.60	24.00	11.00

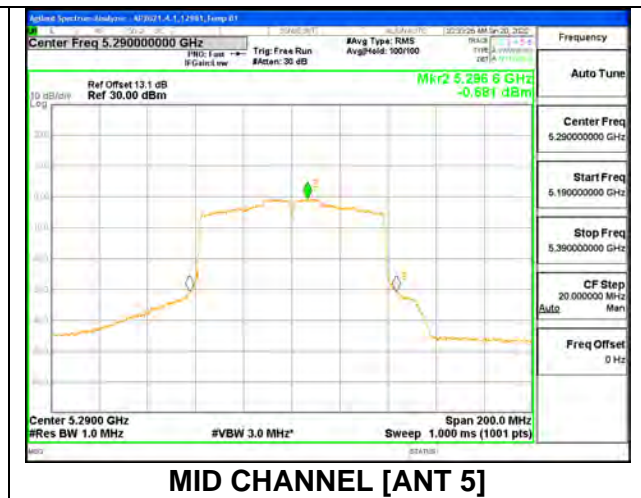
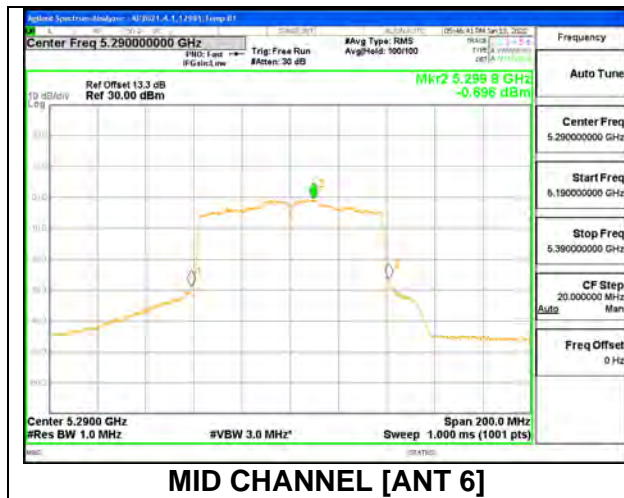
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.36	15.48	18.43	24.00	-5.57

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	-0.696	-0.681	2.712	11.00	-8.288



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:	12981
Test Date:	1/11/2022

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	19.94	-3.90	24.00	11.00
Mid	5300	19.19	-3.90	23.83	11.00
High	5320	20.05	-3.90	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	5260	11.99	11.99	24.00	-12.01
Mid	5300	11.94	11.94	23.83	-11.89
High	5320	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	5260	10.160	10.160	11.00	-0.840
Mid	5300	9.952	9.952	11.00	-1.048
High	5320	10.136	10.136	11.00	-0.864



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

Test Engineer:	12981
Test Date:	1/11/2022

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	18.99	-3.90	23.79	11.00
Mid	5300	19.43	-3.90	23.88	11.00
High	5320	19.15	-3.90	23.82	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	11.83	11.83	23.79	-11.96
Mid	5300	11.89	11.89	23.88	-11.99
High	5320	11.73	11.73	23.82	-12.09

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	5260	9.160	9.160	11.00	-1.840
Mid	5300	8.923	8.923	11.00	-2.077
High	5320	8.868	8.868	11.00	-2.132



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

Test Engineer:	12981
Test Date:	1/11/2022

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	20.55	-3.90	24.00	11.00
Mid	5300	20.55	-3.90	24.00	11.00
High	5320	20.52	-3.90	24.00	11.00

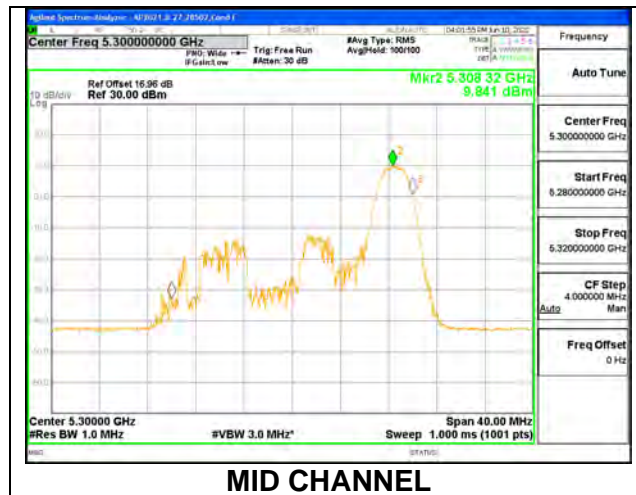
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.87	11.87	24.00	-12.13
Mid	5300	11.89	11.89	24.00	-12.11
High	5320	11.88	11.88	24.00	-12.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.871	9.871	11.00	-1.129
Mid	5300	9.841	9.841	11.00	-1.159
High	5320	9.793	9.793	11.00	-1.207



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/11/2022

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	20.95	-3.90	24.00	11.00
Mid	5300	21.19	-3.90	24.00	11.00
High	5320	21.35	-3.90	24.00	11.00

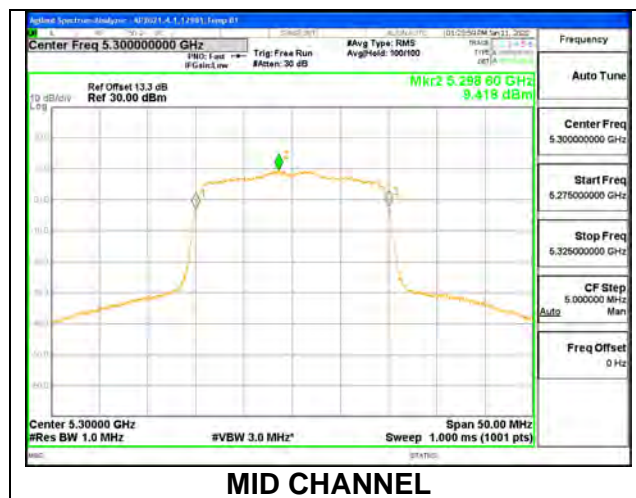
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.98	19.98	24.00	-4.02
Mid	5300	19.92	19.92	24.00	-4.08
High	5320	18.37	18.37	24.00	-5.63

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	9.388	9.388	11.00	-1.612
Mid	5300	9.418	9.418	11.00	-1.582
High	5320	7.783	7.783	11.00	-3.217



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

Test Engineer:	12981
Test Date:	1/20/2022

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.93	-3.40	24.00	11.00
Mid	5300	19.82	-3.40	23.97	11.00
High	5320	19.65	-3.40	23.93	11.00

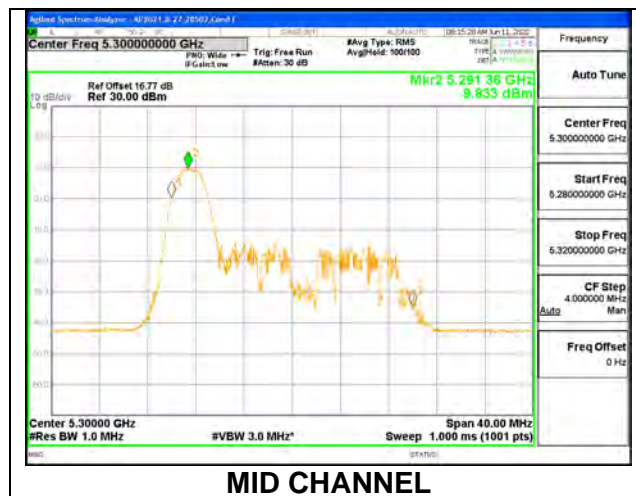
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.78	11.78	24.00	-12.22
Mid	5300	11.77	11.77	23.97	-12.20
High	5320	11.84	11.84	23.93	-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	5260	10.000	10.000	11.00	-1.000
Mid	5300	9.833	9.833	11.00	-1.167
High	5320	10.053	10.053	11.00	-0.947



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

Test Engineer:	12981
Test Date:	1/20/2022

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	19.22	-3.40	23.84	11.00
Mid	5300	19.35	-3.40	23.87	11.00
High	5320	19.42	-3.40	23.88	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	11.81	11.81	23.84	-12.03
Mid	5300	11.76	11.76	23.87	-12.11
High	5320	11.86	11.86	23.88	-12.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.956	8.956	11.00	-2.044
Mid	5300	8.868	8.868	11.00	-2.132
High	5320	8.788	8.788	11.00	-2.212



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

Test Engineer:	12981
Test Date:	1/20/2022

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	20.68	-3.40	24.00	11.00
Mid	5300	20.59	-3.40	24.00	11.00
High	5320	20.54	-3.40	24.00	11.00

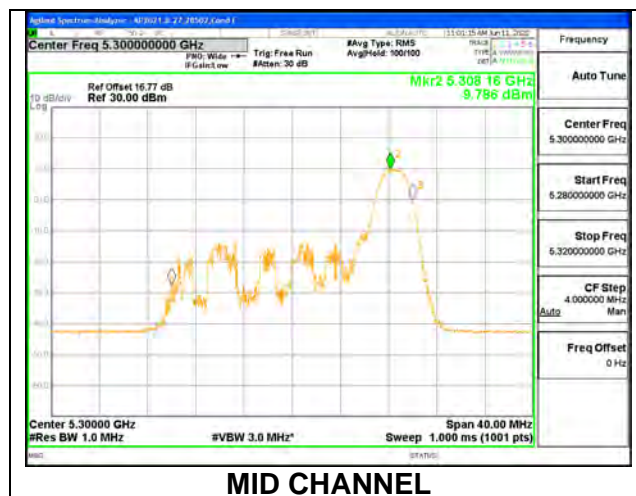
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.97	11.97	24.00	-12.03
Mid	5300	11.82	11.82	24.00	-12.18
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	10.026	10.026	11.00	-0.974
Mid	5300	9.786	9.786	11.00	-1.214
High	5320	10.053	10.053	11.00	-0.947



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/20/2022

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.80	-3.40	24.00	11.00
Mid	5300	21.14	-3.40	24.00	11.00
High	5320	21.74	-3.40	24.00	11.00

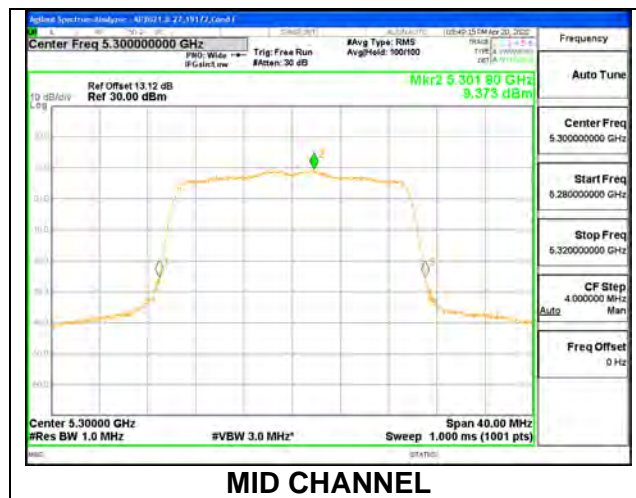
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.92	19.92	24.00	-4.08
Mid	5300	19.97	19.97	24.00	-4.03
High	5320	18.46	18.46	24.00	-5.54

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	9.256	9.256	11.00	-1.744
Mid	5300	9.373	9.373	11.00	-1.627
High	5320	7.854	7.854	11.00	-3.146



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

Test Engineer:	12981
Test Date:	1/24/2022

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	19.78	-3.60	-0.60	23.96	11.00
Mid	5300	19.67	-3.60	-0.60	23.94	11.00
High	5320	19.70	-3.60	-0.60	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)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.90	8.87	11.90	23.96	-12.07
Mid	5300	8.92	8.73	11.84	23.94	-12.10
High	5320	8.95	8.97	11.97	23.94	-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	5260	6.314	5.853	9.100	11.00	-1.900
Mid	5300	6.147	5.837	9.005	11.00	-1.995
High	5320	6.186	5.835	9.024	11.00	-1.976



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

Test Engineer:	12981
Test Date:	1/24/2022

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	18.04	-3.60	-0.60	23.56	11.00
Mid	5300	18.22	-3.60	-0.60	23.61	11.00
High	5320	18.25	-3.60	-0.60	23.61	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	8.96	8.77	11.88	23.56	-11.69
Mid	5300	8.90	8.74	11.83	23.61	-11.77
High	5320	8.94	8.78	11.87	23.61	-11.74

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	5.204	4.911	8.070	11.00	-2.930
Mid	5300	5.336	4.924	8.145	11.00	-2.855
High	5320	5.038	4.823	7.942	11.00	-3.058



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

Test Engineer:	12981
Test Date:	1/24/2022

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	19.82	-3.60	-0.60	23.97	11.00
Mid	5300	19.83	-3.60	-0.60	23.97	11.00
High	5320	19.69	-3.60	-0.60	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)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.97	8.97	11.98	23.97	-11.99
Mid	5300	8.98	8.90	11.95	23.97	-12.02
High	5320	8.92	8.85	11.90	23.94	-12.05

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	6.375	6.131	9.265	11.00	-1.735
Mid	5300	6.306	6.014	9.173	11.00	-1.827
High	5320	6.232	5.886	9.073	11.00	-1.927



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

Test Engineer:	12981
Test Date:	1/21/2022

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	20.88	-3.60	-0.60	24.00	11.00
Mid	5300	20.67	-3.60	-0.60	24.00	11.00
High	5320	21.42	-3.60	-0.60	24.00	11.00

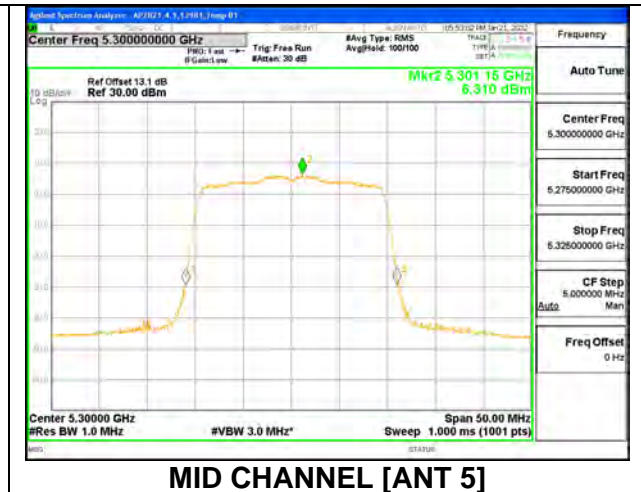
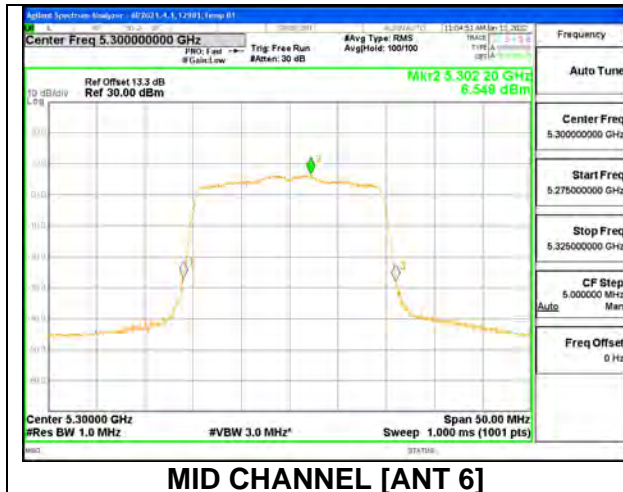
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.97	16.77	19.88	24.00	-4.12
Mid	5300	16.90	16.87	19.90	24.00	-4.10
High	5320	16.95	16.92	19.95	24.00	-4.05

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	6.240	6.338	9.300	11.00	-1.700
Mid	5300	6.548	6.310	9.441	11.00	-1.559
High	5320	6.188	6.514	9.364	11.00	-1.636



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:	12981
Test Date:	1/12/2022

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	20.45	-3.90	24.00	11.00
High	5310	21.39	-3.90	24.00	11.00

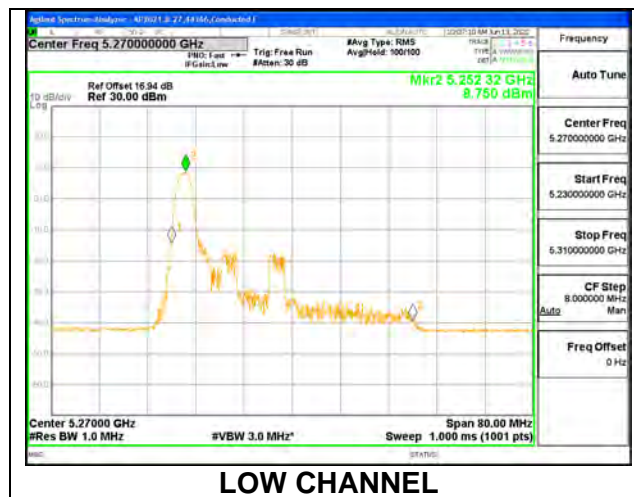
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.92	10.92	24.00	-13.08
High	5310	10.88	10.88	24.00	-13.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.750	8.750	11.00	-2.250
High	5310	8.950	8.950	11.00	-2.050



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

Test Engineer:	12981
Test Date:	1/12/2022

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	22.98	-3.90	24.00	11.00
High	5310	22.89	-3.90	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	5270	10.92	10.92	24.00	-13.08
High	5310	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)
Low	5270	8.829	8.829	11.00	-2.171
High	5310	8.710	8.710	11.00	-2.290



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

Test Engineer:	12981
Test Date:	1/12/2022

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	21.00	-3.90	24.00	11.00
High	5310	21.12	-3.90	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	5270	10.88	10.88	24.00	-13.12
High	5310	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	5270	8.733	8.733	11.00	-2.267
High	5310	8.867	8.867	11.00	-2.133



LOW CHANNEL

1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/12/2022

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	41.17	-3.90	24.00	11.00
High	5310	42.36	-3.90	24.00	11.00

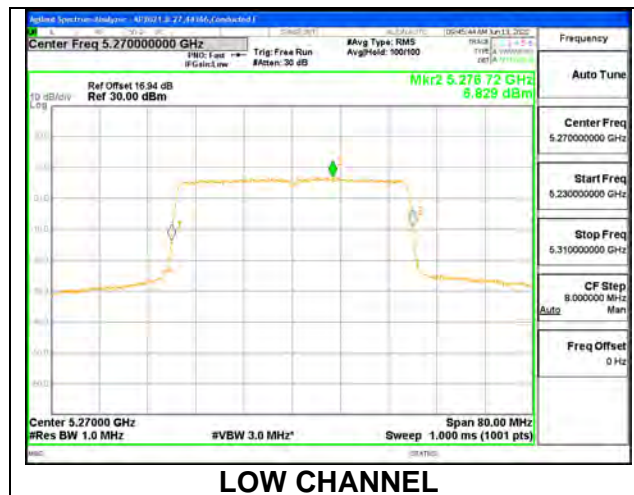
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.45	20.45	24.00	-3.55
High	5310	16.42	16.42	24.00	-7.58

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	6.829	6.949	11.00	-4.051
High	5310	1.848	1.968	11.00	-9.032



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

Test Engineer:	12981
Test Date:	1/27/2022

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	20.69	-3.40	24.00	11.00
High	5310	19.79	-3.40	23.96	11.00

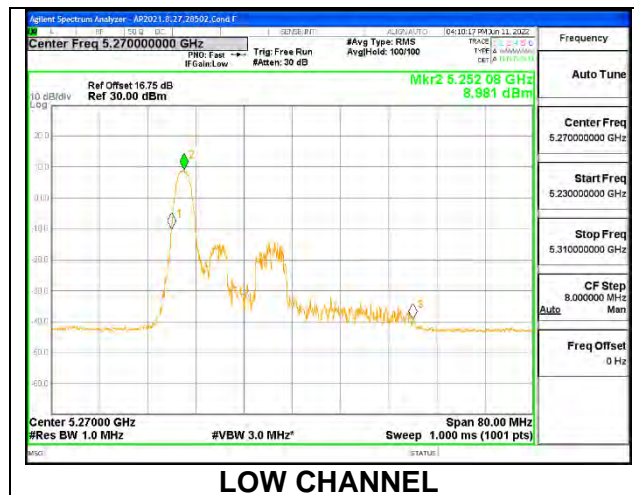
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.84	10.84	24.00	-13.16
High	5310	10.76	10.76	23.96	-13.20

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	8.981	8.981	11.00	-2.019
High	5310	8.863	8.863	11.00	-2.137



LOW CHANNEL

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

Test Engineer:	12981
Test Date:	1/27/2022

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	23.78	-3.40	24.00	11.00
High	5310	23.13	-3.40	24.00	11.00

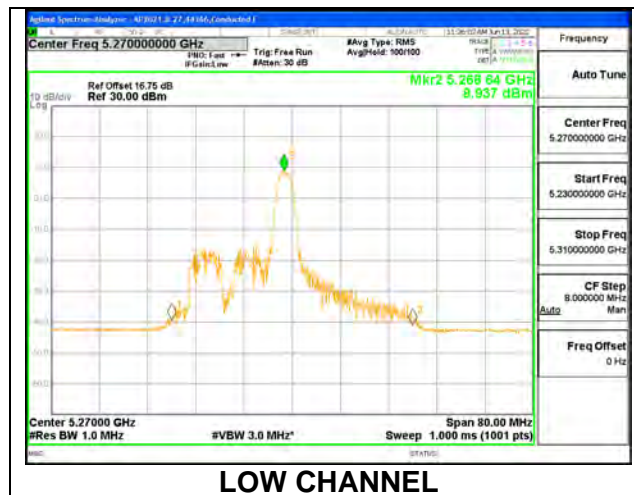
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.87	10.87	24.00	-13.13
High	5310	10.90	10.90	24.00	-13.10

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	5270	8.937	8.937	11.00	-2.063
High	5310	8.884	8.884	11.00	-2.116



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

Test Engineer:	12981
Test Date:	1/27/2022

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	19.91	-3.40	23.99	11.00
High	5310	19.97	-3.40	24.00	11.00

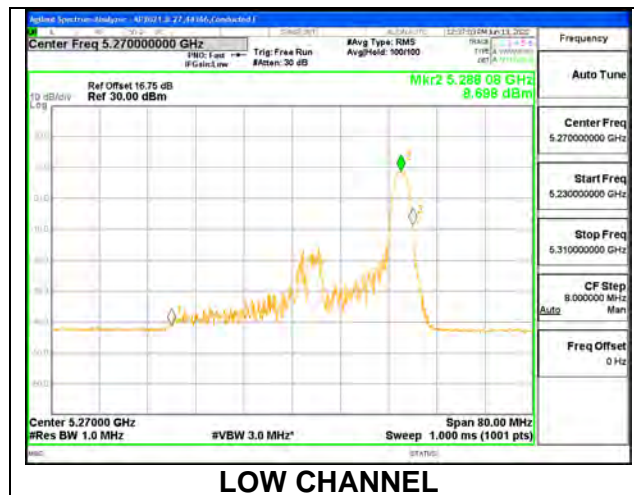
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.88	10.88	23.99	-13.11
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	8.698	8.698	11.00	-2.302
High	5310	9.027	9.027	11.00	-1.973



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/26/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.30	-3.40	24.00	11.00
High	5310	42.17	-3.40	24.00	11.00

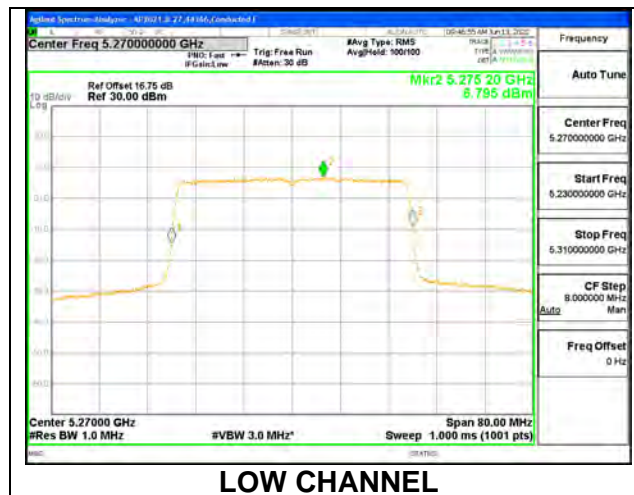
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.47	20.47	24.00	-3.53
High	5310	16.41	16.41	24.00	-7.59

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	6.795	6.915	11.00	-4.085
High	5310	1.819	1.939	11.00	-9.061



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

Test Engineer:	12981
Test Date:	2/1/2022

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	20.28	-3.60	-0.60	24.00	11.00
High	5310	20.66	-3.60	-0.60	24.00	11.00

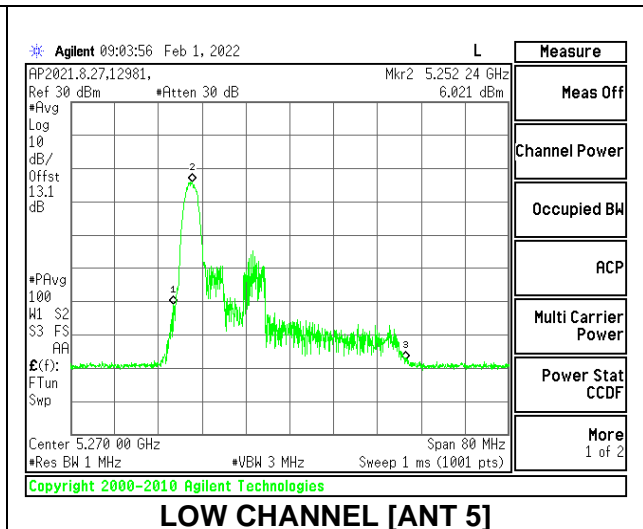
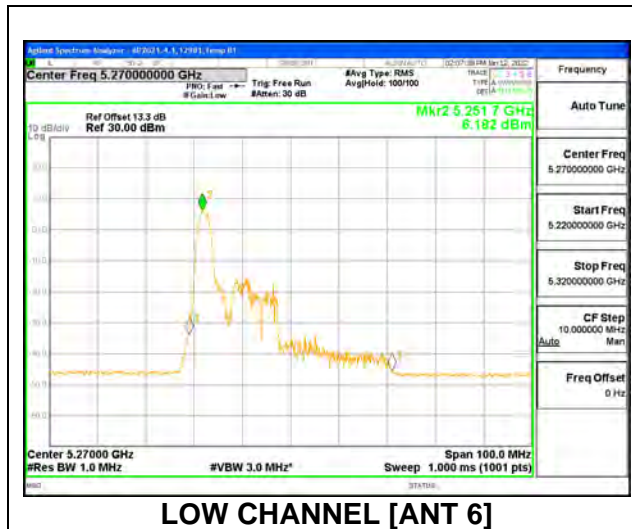
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.83	8.97	11.91	24.00	-12.09
High	5310	8.86	8.86	11.87	24.00	-12.13

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	6.182	6.021	9.113	11.00	-1.887
High	5310	6.05	5.89	8.982	11.00	-2.018



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

Test Engineer:	12981
Test Date:	2/1/2022

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	22.604	-3.60	-0.60	24.00	11.00
High	5310	21.423	-3.60	-0.60	24.00	11.00

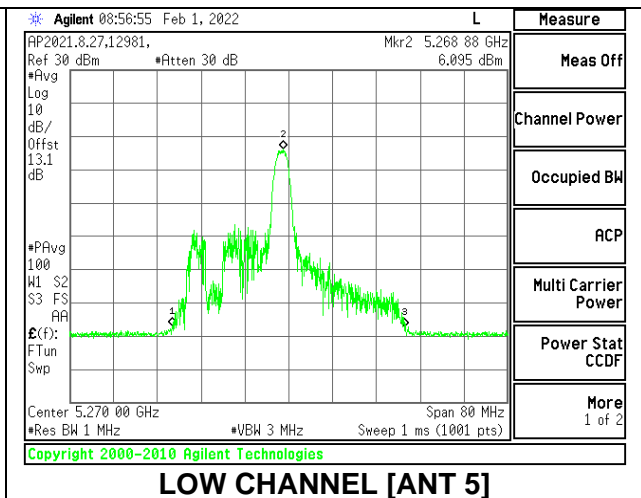
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.94	8.93	11.95	24.00	-12.05
High	5310	8.84	8.93	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	5270	6.284	6.095	9.201	11.00	-1.799
High	5310	6.038	6.229	9.145	11.00	-1.855



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

Test Engineer:	12981
Test Date:	2/1/2022

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	19.399	-3.60	-0.60	23.88	11.00
High	5310	19.713	-3.60	-0.60	23.95	11.00

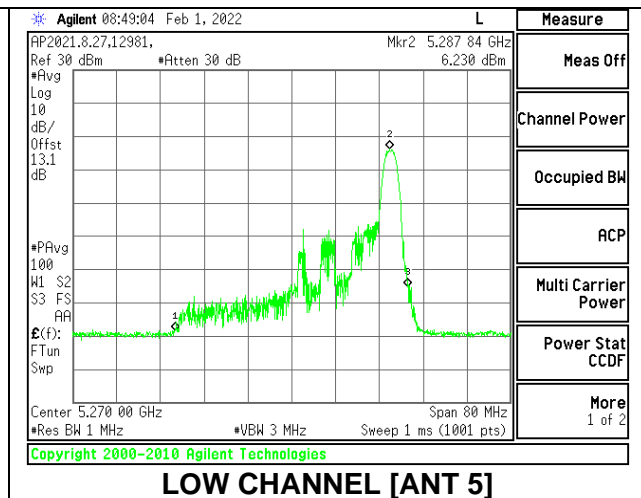
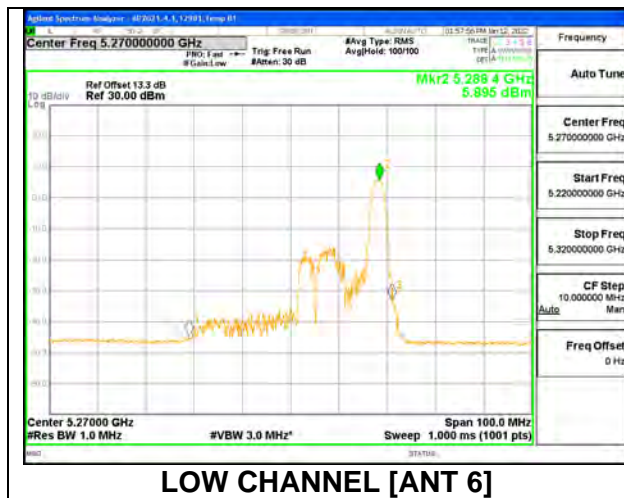
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.76	8.94	11.86	23.88	-12.02
High	5310	8.82	8.85	11.85	23.95	-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	5270	5.895	6.230	9.076	11.00	-1.924
High	5310	6.186	6.301	9.254	11.00	-1.746



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

Test Engineer:	12981
Test Date:	1/27/2022

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	41.08	-3.60	-0.60	24.00	11.00
High	5310	41.66	-3.60	-0.60	24.00	11.00

Duty Cycle CF (dB)	0.12	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	19.37	19.38	22.39	24.00	-1.61
High	5310	15.87	15.81	18.85	24.00	-5.15

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	5270	4.583	4.686	7.765	11.00	-3.235
High	5310	1.367	1.444	4.536	11.00	-6.464



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:	12981
Test Date:	01/14/2022

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	19.66	-3.90	23.94	11.00

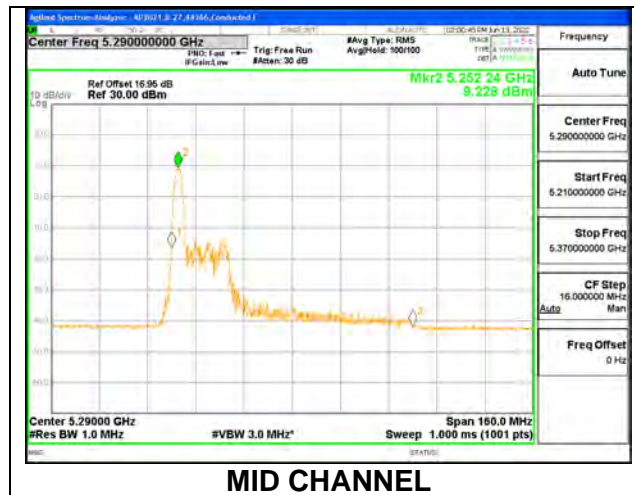
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.950	10.950	23.94	-12.99

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	9.228	9.228	11.00	-1.77



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

Test Engineer:	12981
Test Date:	01/14/2022

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	40.87	-3.90	24.00	11.00

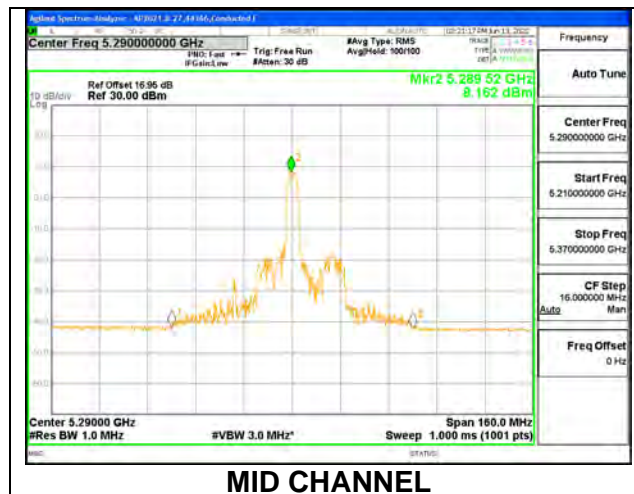
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.870	10.870	24.00	-13.13

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	8.162	8.162	11.00	-2.84



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

Test Engineer:	12981
Test Date:	01/14/2022

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	19.37	-3.90	23.87	11.00

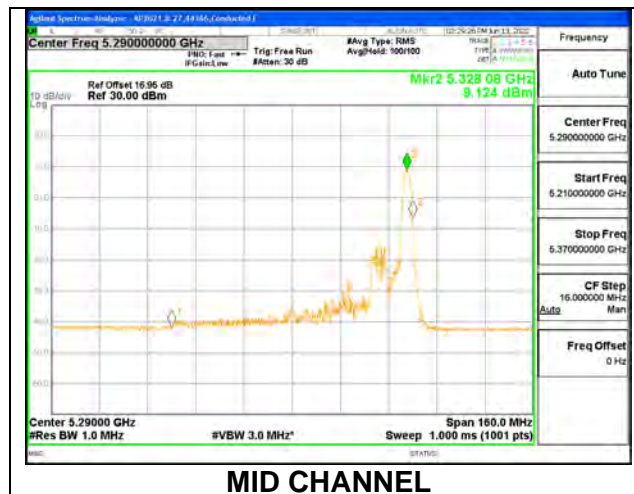
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.960	10.960	23.87	-12.91

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	9.124	9.124	11.00	-1.88



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	01/14/2022

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	83.31	-3.90	24.00	11.00

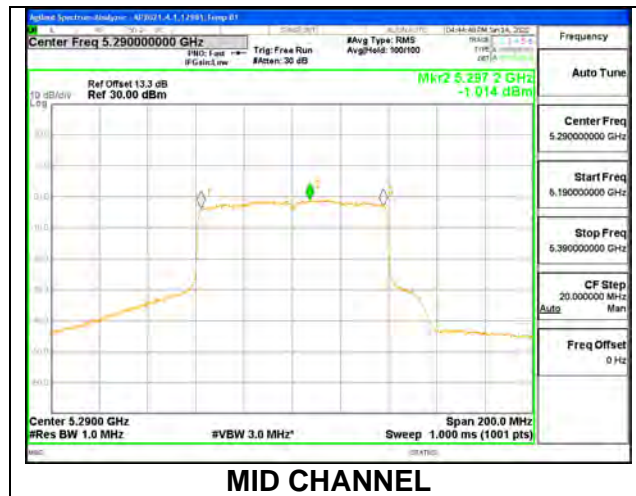
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.370	15.370	24.00	-8.63

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	-1.014	-0.784	11.00	-11.78



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

Test Engineer:	19172
Test Date:	1/18/2022

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	19.45	-3.40	23.89	11.00

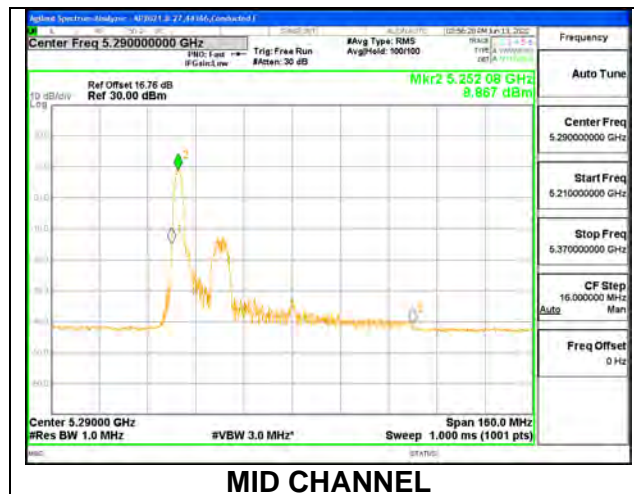
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.920	10.920	23.89	-12.97

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	8.867	8.867	11.00	-2.13



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

Test Engineer:	12981
Test Date:	2/23/2022

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	39.21	-3.40	24.00	11.00

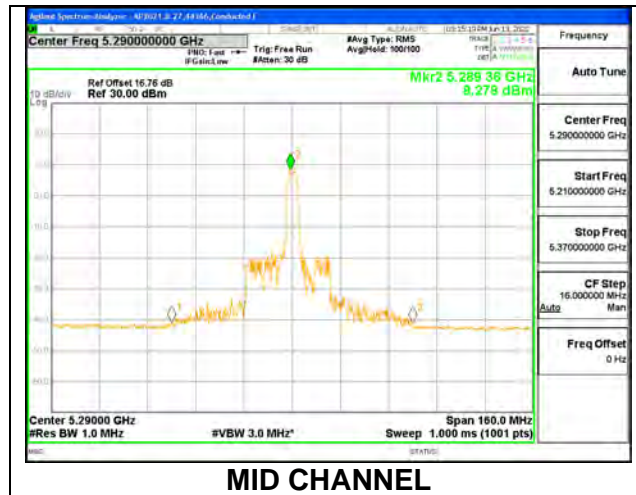
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.880	10.880	24.00	-13.12

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	8.278	8.278	11.00	-2.72



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

Test Engineer:	12981
Test Date:	2/23/2022

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	19.35	-3.40	23.87	11.00

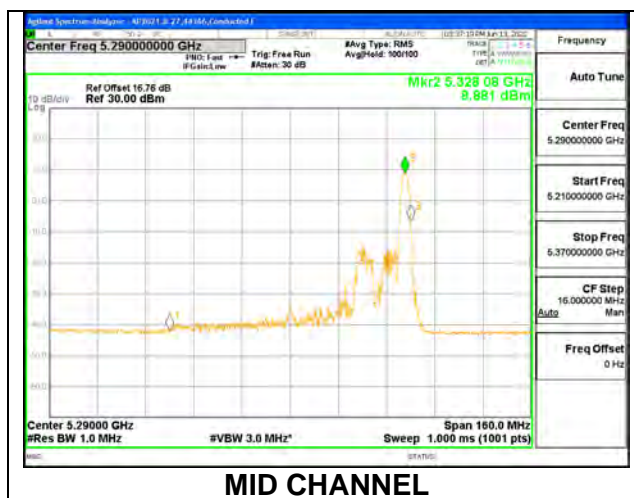
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.950	10.950	23.87	-12.92

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	8.881	8.881	11.00	-2.12



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	1/28/2022

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	82.578	-3.40	24.00	11.00

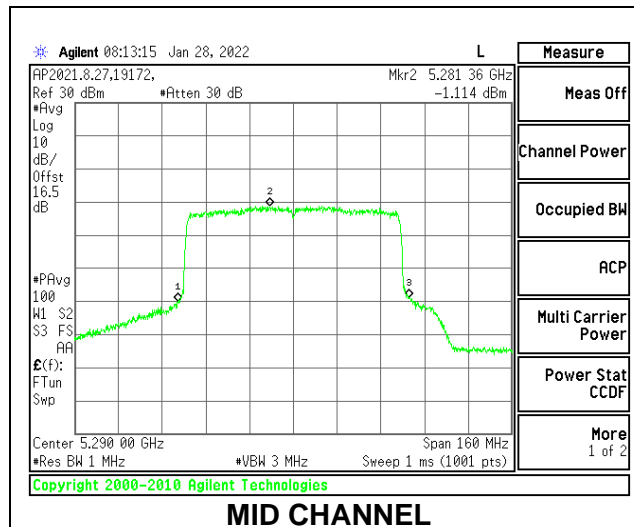
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.400	15.400	24.00	-8.60

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	-1.114	-0.884	11.00	-11.88



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

Test Engineer:	12981
Test Date:	2/23/2022

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	19.48	-3.60	-0.60	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	8.800	8.930	11.876	23.90	-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	5290	5.843	6.106	8.987	11.00	-2.01



MID CHANNEL ANT 6



MID CHANNEL ANT 5

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

Test Engineer:	12981
Test Date:	2/23/2022

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	38.42	-3.60	-0.60	24.00	11.00

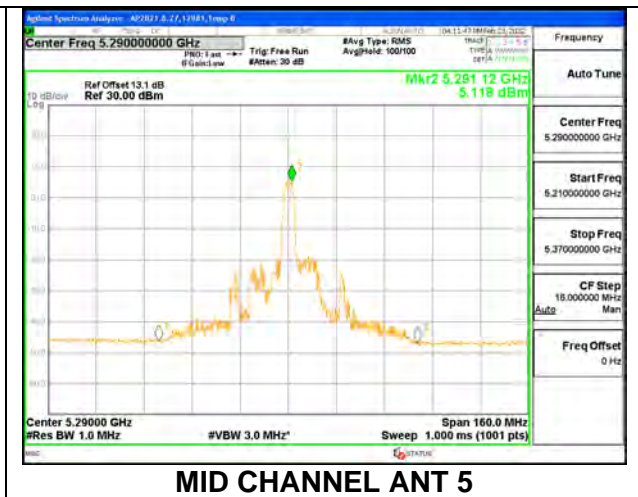
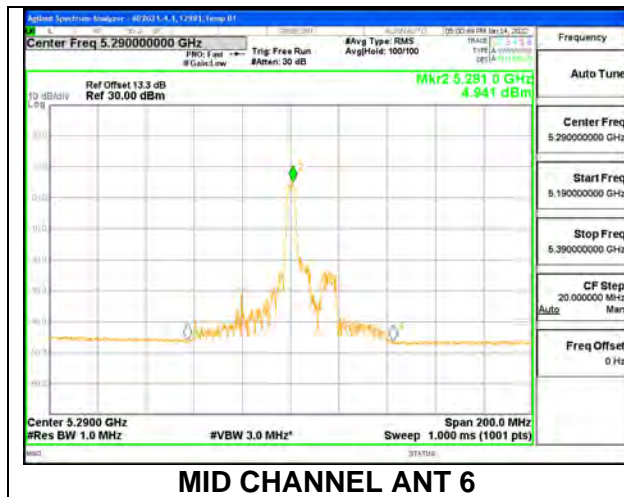
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.810	8.960	11.896	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	5290	4.941	5.118	8.041	11.00	-2.96



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

Test Engineer:	12981
Test Date:	2/23/2022

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	19.29	-3.60	-0.60	23.85	11.00

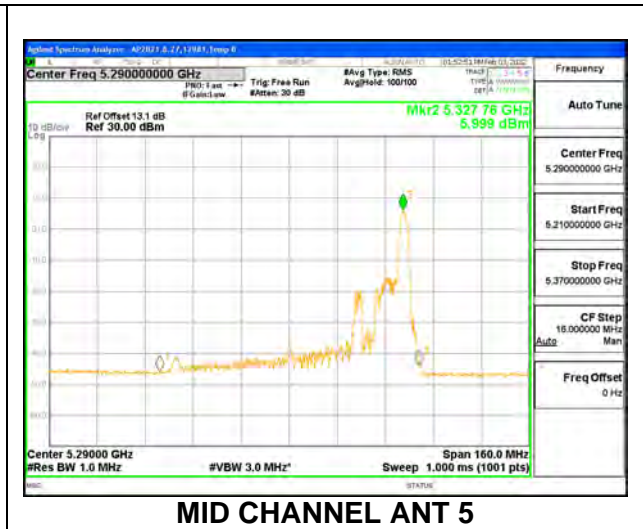
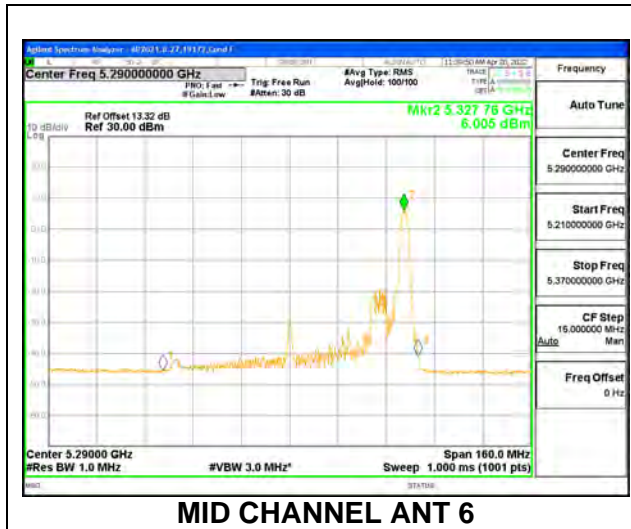
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.920	8.790	11.866	23.85	-11.99

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	6.005	5.999	9.012	11.00	-1.99



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

Test Engineer:	12981
Test Date:	1/28/2022

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	82.422	-3.60	-0.60	24.00	11.00

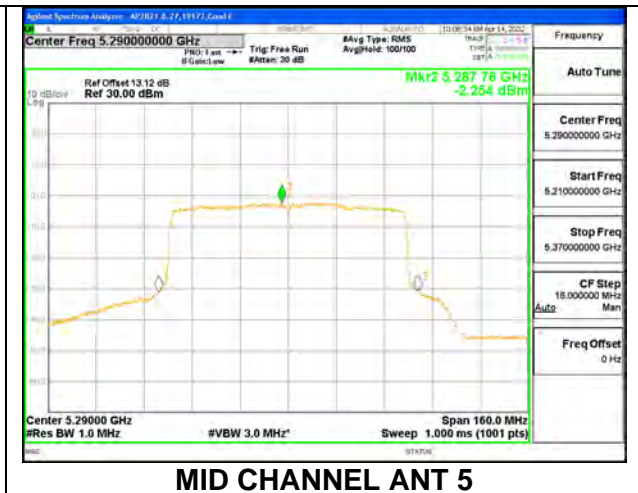
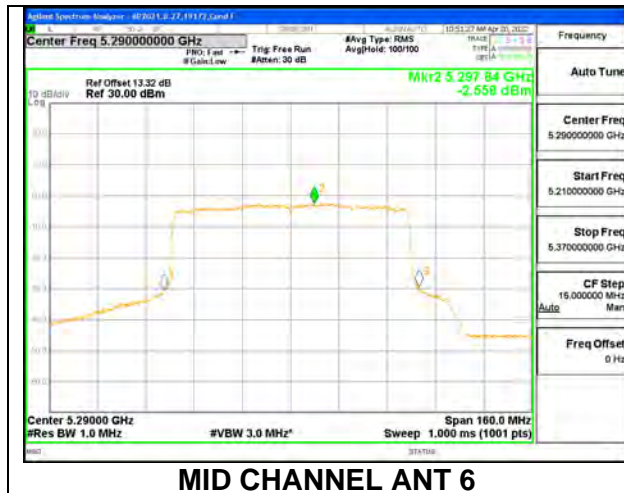
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.48	14.30	17.40	24.00	-6.60

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	-2.558	-2.254	0.837	11.00	-10.16



**9.4.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND
1TX Antenna 6 MODE (FCC)**

Test Engineer:	26118
Test Date:	5/21/2022

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	22.88	-2.70	24.00	11.00
Mid	5580	20.90	-2.70	24.00	11.00
High	5700	24.81	-2.70	24.00	11.00
144	5720	15.44	-2.70	22.89	11.00

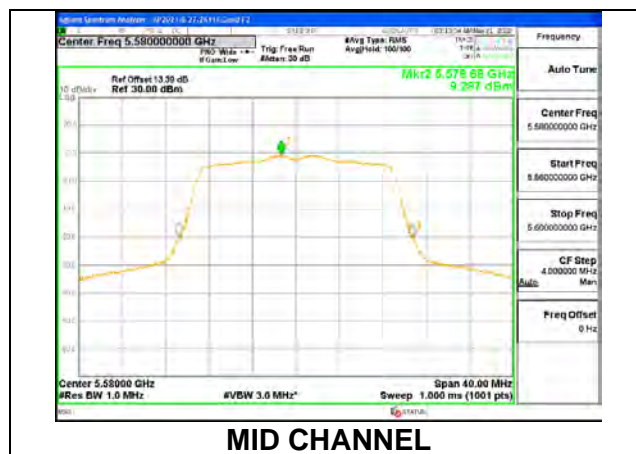
Duty Cycle CF (dB)	0.11	Included in Calculations Corr'd PSD
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Output Power Results

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	19.49	19.49	24.00	-4.51
High	5700	18.40	18.40	24.00	-5.60
144	5720	19.48	19.48	22.89	-3.41

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	8.118	8.228	11.00	-2.772
Mid	5580	9.287	9.397	11.00	-1.603
High	5700	8.015	8.125	11.00	-2.875
144	5720	9.430	9.540	11.00	-1.460



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/24/2022

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	21.72	-1.00	24.00	11.00
Mid	5580	21.19	-1.00	24.00	11.00
High	5700	21.60	-1.00	24.00	11.00
144	5720	15.61	-1.00	22.93	11.00

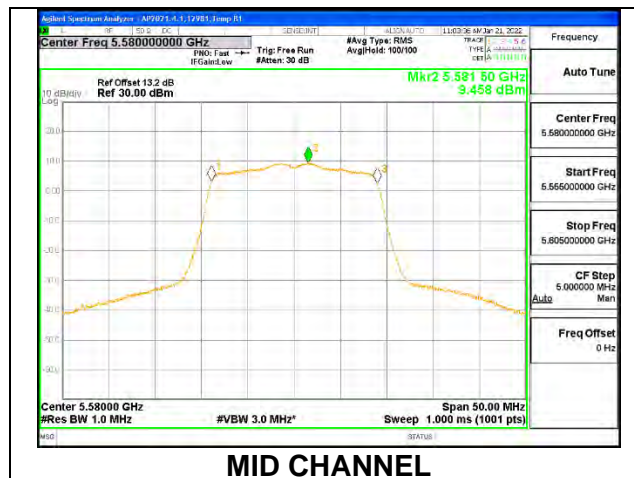
Duty Cycle CF (dB)	0.11	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.76	18.76	24.00	-5.24
Mid	5580	19.43	19.43	24.00	-4.57
High	5700	18.37	18.37	24.00	-5.63
144	5720	19.46	19.46	22.93	-3.47

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	8.116	8.226	11.00	-2.774
Mid	5580	9.458	9.568	11.00	-1.432
High	5700	7.947	8.057	11.00	-2.943
144	5720	9.262	9.372	11.00	-1.628



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

Test Engineer:	26118
Test Date:	5/21/2022

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	21.43	-1.80	1.20	24.00	11.00
Mid	5580	20.59	-1.80	1.20	24.00	11.00
High	5700	21.24	-1.80	1.20	24.00	11.00
144	5720	15.39	-1.80	1.20	22.87	11.00

Duty Cycle CF (dB)	0.11	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	16.43	16.48	19.47	24.00	-4.53
Mid	5580	16.45	16.44	19.46	24.00	-4.54
High	5700	16.48	16.49	19.50	24.00	-4.50
144	5720	16.46	16.46	19.47	22.87	-3.40

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	6.510	6.371	9.561	11.00	-1.439
Mid	5580	6.234	6.149	9.312	11.00	-1.688
High	5700	6.242	6.293	9.388	11.00	-1.612
144	5720	6.372	6.458	9.536	11.00	-1.464



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:	44366
Test Date:	06/13/2022

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	43.68	-2.70	24.00	11.00
Mid	5550	40.65	-2.70	24.00	11.00
High	5670	44.38	-2.70	24.00	11.00
142	5710	41.32	-2.70	24.00	11.00

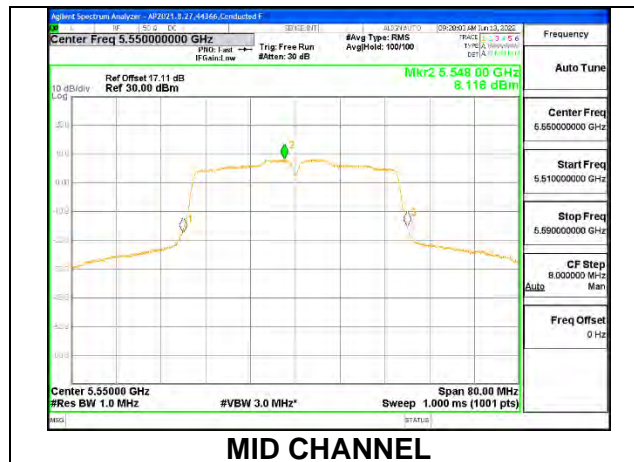
Duty Cycle CF (dB)	0.19	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.44	16.44	24.00	-7.56
Mid	5550	20.48	20.48	24.00	-3.52
High	5670	20.36	20.36	24.00	-3.64
142	5710	20.48	20.48	24.00	-3.52

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	2.829	3.019	11.00	-7.981
Mid	5550	8.116	8.306	11.00	-2.694
High	5670	7.845	8.035	11.00	-2.965
142	5710	7.919	8.109	11.00	-2.891



1TX Antenna 5 MODE (FCC)

Test Engineer:	28502
Test Date:	06/11/2022

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	42.19	-1.00	24.00	11.00
Mid	5550	41.29	-1.00	24.00	11.00
High	5670	45.74	-1.00	24.00	11.00
142	5710	41.17	-1.00	24.00	11.00

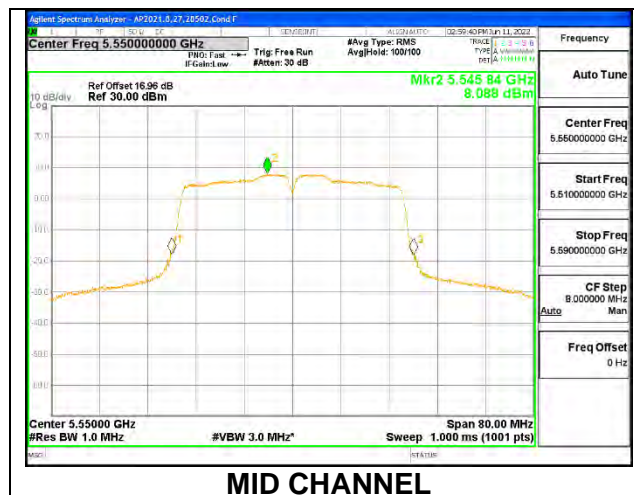
Duty Cycle CF (dB)	0.19	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.40	16.40	24.00	-7.60
Mid	5550	20.39	20.39	24.00	-3.61
High	5670	20.43	20.43	24.00	-3.57
142	5710	20.47	20.47	24.00	-3.53

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	3.043	3.233	11.00	-7.767
Mid	5550	8.088	8.278	11.00	-2.722
High	5670	8.125	8.315	11.00	-2.685
142	5710	8.062	8.252	11.00	-2.748



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

Test Engineer:	12981
Test Date:	1/19/2022

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	41.03	-1.80	1.20	24.00	11.00
Mid	5550	40.81	-1.80	1.20	24.00	11.00
High	5670	41.82	-1.80	1.20	24.00	11.00
142	5710	40.53	-1.80	1.20	24.00	11.00

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

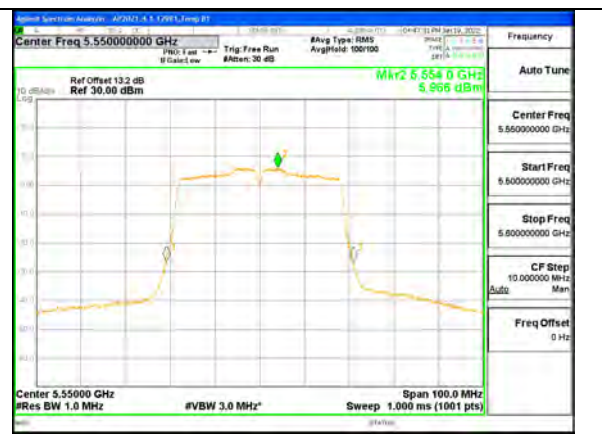
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.48	15.44	18.47	24.00	-5.53
Mid	5550	19.48	19.48	22.49	24.00	-1.51
High	5670	19.27	19.36	22.33	24.00	-1.67
142	5710	19.46	19.44	22.46	24.00	-1.54

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)
Low	5510	2.004	2.321	5.366	11.00	-5.63
Mid	5550	6.063	5.966	9.215	11.00	-1.78
High	5670	5.975	6.309	9.346	11.00	-1.65
142	5710	6.255	6.402	9.529	11.00	-1.47



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:	12981
Test Date:	1/11/2022

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	81.70	-2.70	24.00	11.00
High	5610	81.55	-2.70	24.00	11.00
138	5690	80.72	-2.70	24.00	11.00

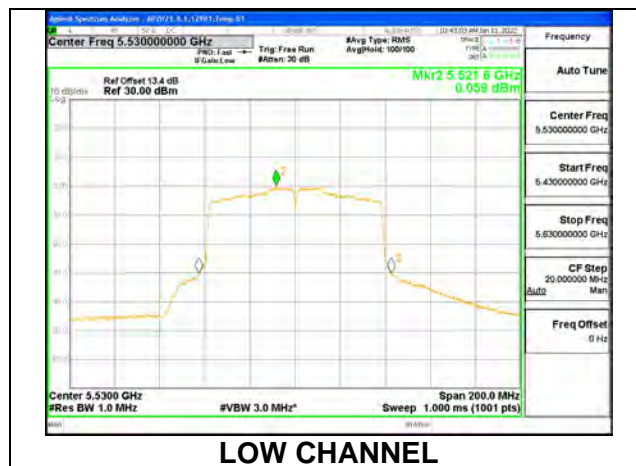
Duty Cycle CF (dB)	0.39	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.92	15.92	24.00	-8.08
High	5610	20.42	20.42	24.00	-3.58
138	5690	20.41	20.41	24.00	-3.59

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	0.059	0.449	11.00	-10.551
High	5610	4.987	5.377	11.00	-5.623
138	5690	5.266	5.656	11.00	-5.344



1TX Antenna 5 MODE (FCC)

Test Engineer:	12981
Test Date:	01/19/2022

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	81.74	-1.00	24.00	11.00
High	5610	86.68	-1.00	24.00	11.00
138	5690	81.43	-1.00	24.00	11.00

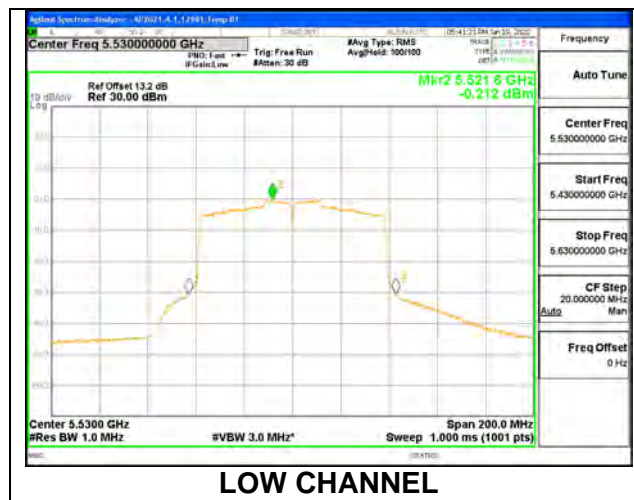
Duty Cycle CF (dB)	0.39	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.97	15.97	24.00	-8.03
High	5610	20.45	20.45	24.00	-3.55
138	5690	20.44	20.44	24.00	-3.56

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	-0.212	0.178	11.00	-10.822
High	5610	5.139	5.529	11.00	-5.471
138	5690	4.438	4.828	11.00	-6.172



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

Test Engineer:	12981
Test Date:	1/13/2022

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	81.26	-1.80	1.20	24.00	11.00
High	5610	88.47	-1.80	1.20	24.00	11.00
138	5690	81.06	-1.80	1.20	24.00	11.00

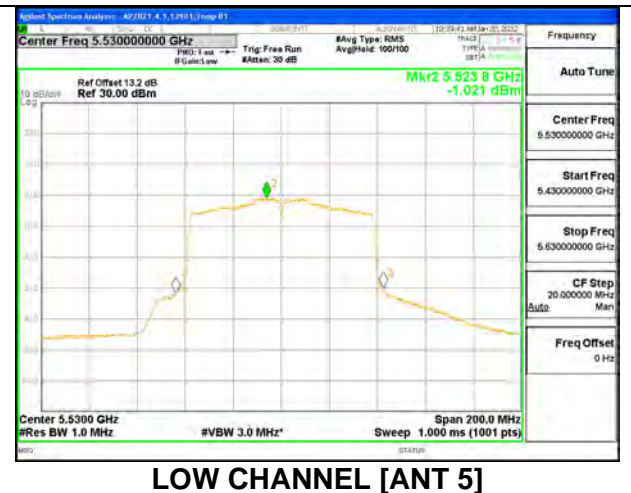
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.24	15.25	18.26	24.00	-5.74
High	5610	19.85	19.96	22.92	24.00	-1.08
138	5690	19.74	19.91	22.84	24.00	-1.16

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	-1.067	-1.021	2.356	11.00	-8.644
High	5610	3.603	3.579	6.991	11.00	-4.009
138	5690	3.588	3.595	6.992	11.00	-4.008



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:	44366
Test Date:	6/13/2022

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	19.39	-2.70	23.88	11.00
Mid	5580	19.90	-2.70	23.99	11.00
High	5700	20.02	-2.70	24.00	11.00
144	5720	14.85	-2.70	22.72	11.00

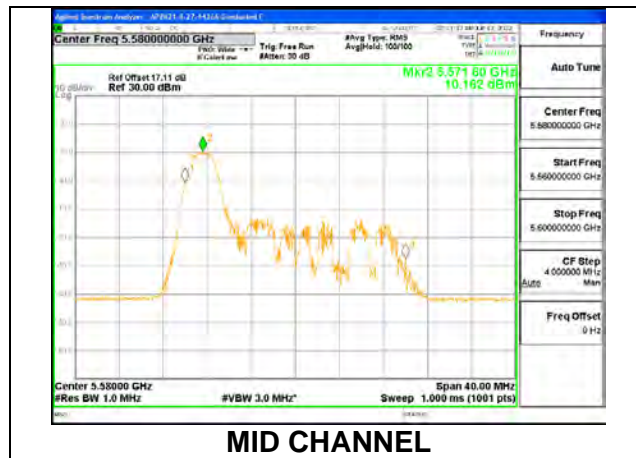
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.85	11.85	23.88	-12.03
Mid	5580	11.86	11.86	23.99	-12.13
High	5700	11.97	11.97	24.00	-12.03
144	5720	11.80	11.80	22.72	-10.92

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	10.131	10.131	11.00	-0.869
Mid	5580	10.162	10.162	11.00	-0.838
High	5700	9.801	9.801	11.00	-1.199



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

Test Engineer:	12981
Test Date:	1/11/2022

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	18.90	-2.70	23.76	11.00
Mid	5580	19.32	-2.70	23.86	11.00
High	5700	19.11	-2.70	23.81	11.00
144	5720	14.62	-2.70	22.65	11.00

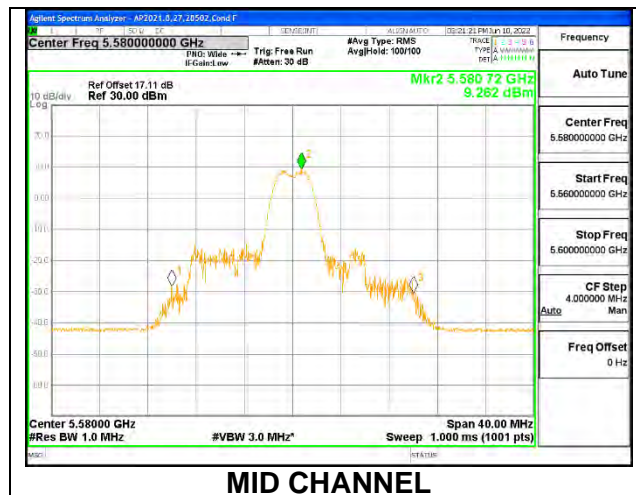
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.92	11.92	23.76	-11.84
Mid	5580	11.97	11.97	23.86	-11.89
High	5700	11.89	11.89	23.81	-11.92
144	5720	11.88	11.88	22.65	-10.77

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	9.057	9.057	11.00	-1.943
Mid	5580	9.262	9.262	11.00	-1.738
High	5700	8.813	8.813	11.00	-2.187
144	5720	8.923	8.923	11.00	-2.077



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

Test Engineer:	12981
Test Date:	1/11/2022

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	20.67	-2.70	24.00	11.00
Mid	5580	20.48	-2.70	24.00	11.00
High	5700	19.99	-2.70	24.00	11.00
144	5720	15.25	-2.70	22.83	11.00

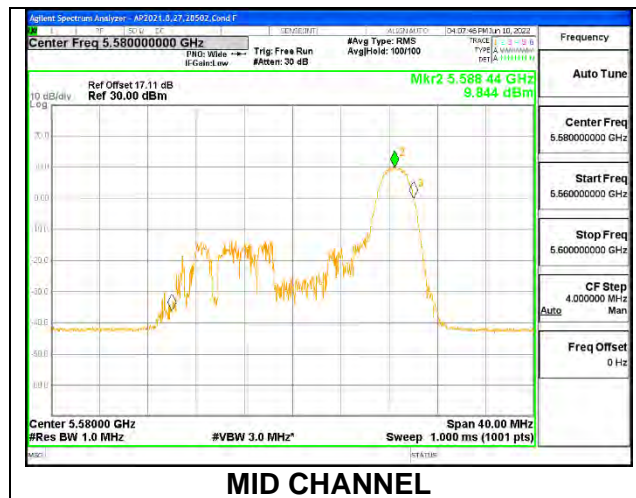
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.97	11.97	24.00	-12.03
Mid	5580	11.98	11.98	24.00	-12.02
High	5700	11.80	11.80	24.00	-12.20
144	5720	11.82	11.82	22.83	-11.01

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	9.778	9.778	11.00	-1.222
Mid	5580	9.844	9.844	11.00	-1.156
High	5700	9.807	9.807	11.00	-1.193
144	5720	9.838	9.838	11.00	-1.162



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/11/2022

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	21.18	-2.70	24.00	11.00
Mid	5580	21.07	-2.70	24.00	11.00
High	5700	20.95	-2.70	24.00	11.00
144	5720	15.49	-2.70	22.90	11.00

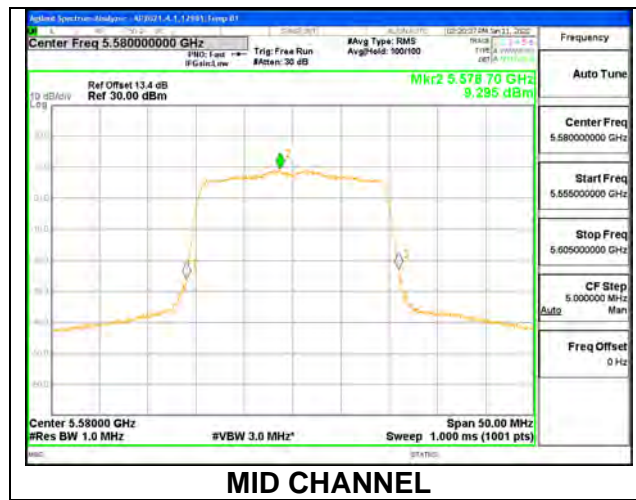
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.42	18.42	24.00	-5.58
Mid	5580	19.89	19.89	24.00	-4.11
High	5700	16.47	16.47	24.00	-7.53
144	5720	19.87	19.87	22.90	-3.03

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	7.700	7.700	11.00	-3.300
Mid	5580	9.295	9.295	11.00	-1.705
High	5700	5.978	5.978	11.00	-5.022
144	5720	9.454	9.454	11.00	-1.546



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

Test Engineer:	12981
Test Date:	1/21/2022

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	19.99	-1.00	24.00	11.00
Mid	5580	20.10	-1.00	24.00	11.00
High	5700	20.01	-1.00	24.00	11.00
144	5720	15.01	-1.00	22.76	11.00

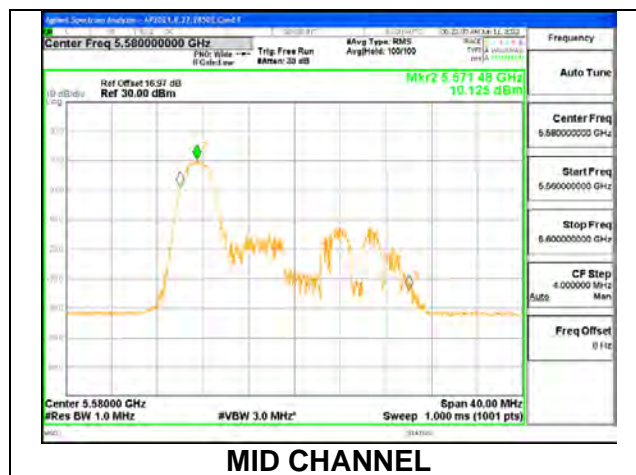
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.92	11.92	24.00	-12.08
Mid	5580	11.87	11.87	24.00	-12.13
High	5700	11.85	11.85	24.00	-12.15
144	5720	11.95	11.95	22.76	-10.81

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	9.847	9.847	11.00	-1.153
Mid	5580	10.125	10.125	11.00	-0.875
High	5700	10.076	10.076	11.00	-0.924
144	5720	9.886	9.886	11.00	-1.114



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

Test Engineer:	12981
Test Date:	1/21/2022

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	18.83	-1.00	23.75	11.00
Mid	5580	19.30	-1.00	23.86	11.00
High	5700	18.43	-1.00	23.66	11.00
144	5720	14.52	-1.00	22.62	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 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.99	11.99	23.75	-11.76
Mid	5580	11.79	11.79	23.86	-12.07
High	5700	11.80	11.80	23.66	-11.86
144	5720	11.82	11.82	22.62	-10.80

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	8.961	8.961	11.00	-2.039
Mid	5580	9.022	9.022	11.00	-1.978
High	5700	9.003	9.003	11.00	-1.997
144	5720	8.957	8.957	11.00	-2.043



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

Test Engineer:	12981
Test Date:	1/21/2022

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	20.48	-1.00	24.00	11.00
Mid	5580	20.56	-1.00	24.00	11.00
High	5700	20.57	-1.00	24.00	11.00
144	5720	15.33	-1.00	22.85	11.00

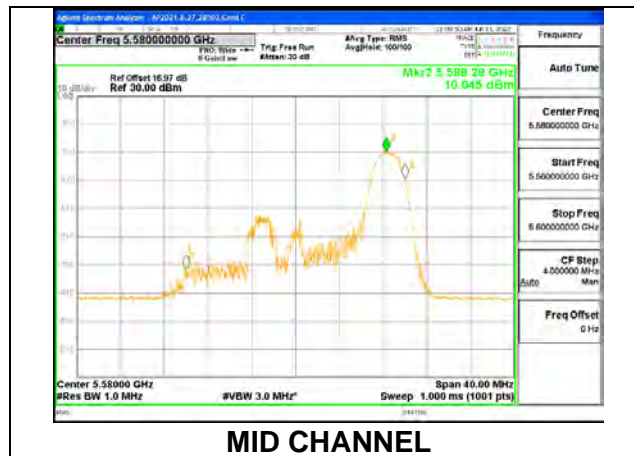
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.76	11.76	24.00	-12.24
Mid	5580	11.85	11.85	24.00	-12.15
High	5700	11.91	11.91	24.00	-12.09
144	5720	11.74	11.74	22.85	-11.11

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	5500	9.756	9.756	11.00	-1.244
Mid	5580	10.045	10.045	11.00	-0.955
High	5700	9.862	9.862	11.00	-1.138
144	5720	9.979	9.979	11.00	-1.021



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/20/2022

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	21.43	-1.00	24.00	11.00
Mid	5580	21.09	-1.00	24.00	11.00
High	5700	21.56	-1.00	24.00	11.00
144	5720	15.48	-1.00	22.90	11.00

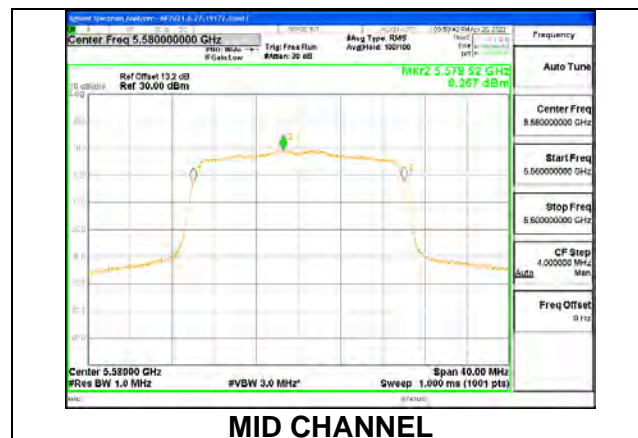
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.28	18.28	24.00	-5.72
Mid	5580	19.91	19.91	24.00	-4.09
High	5700	16.48	16.48	24.00	-7.52
144	5720	19.75	19.75	22.90	-3.15

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	7.768	7.768	11.00	-3.232
Mid	5580	9.267	9.267	11.00	-1.733
High	5700	6.054	6.054	11.00	-4.946
144	5720	9.191	9.191	11.00	-1.809



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

Test Engineer:	12981
Test Date:	1/25/2022

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	5500	19.57	-1.80	1.20	23.92	11.00
Mid	5580	19.64	-1.80	1.20	23.93	11.00
High	5700	19.58	-1.80	1.20	23.92	11.00
144	5720	14.87	-1.80	1.20	22.72	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	5500	8.97	8.76	11.88	23.92	-12.04
Mid	5580	8.92	8.89	11.92	23.93	-12.02
High	5700	8.97	8.95	11.97	23.92	-11.95
144	5720	8.94	8.91	11.94	22.72	-10.79

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	5.951	6.208	9.092	11.00	-1.908
Mid	5580	6.011	5.928	8.980	11.00	-2.020
High	5700	6.141	5.907	9.036	11.00	-1.964
144	5720	6.155	6.225	9.200	11.00	-1.800



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

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

Test Engineer:	12981
Test Date:	1/25/2022

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	5500	18.32	-1.80	1.20	23.63	11.00
Mid	5580	18.15	-1.80	1.20	23.59	11.00
High	5700	18.02	-1.80	1.20	23.56	11.00
144	5720	14.16	-1.80	1.20	22.51	11.00

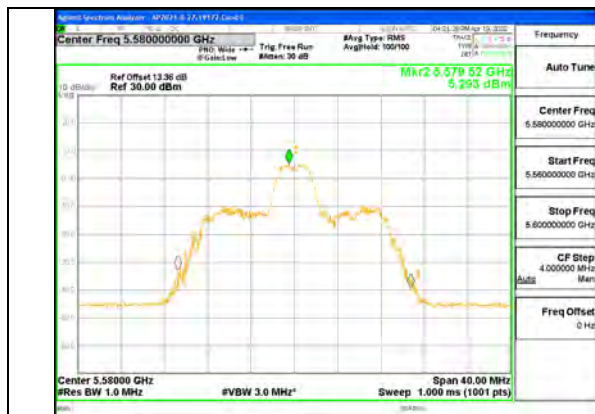
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5500	8.92	8.82	11.88	23.63	-11.75
Mid	5580	8.85	8.82	11.85	23.59	-11.74
High	5700	8.82	8.84	11.84	23.56	-11.72
144	5720	8.99	8.94	11.98	22.51	-10.54

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)
Low	5500	5.077	5.198	8.148	11.00	-2.852
Mid	5580	5.293	4.948	8.134	11.00	-2.866
High	5700	5.172	5.225	8.209	11.00	-2.791
144	5720	5.408	5.258	8.344	11.00	-2.656



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

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

Test Engineer:	12981
Test Date:	1/25/2022

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	5500	19.79	-1.80	1.20	23.96	11.00
Mid	5580	19.53	-1.80	1.20	23.91	11.00
High	5700	19.67	-1.80	1.20	23.94	11.00
144	5720	14.90	-1.80	1.20	22.73	11.00

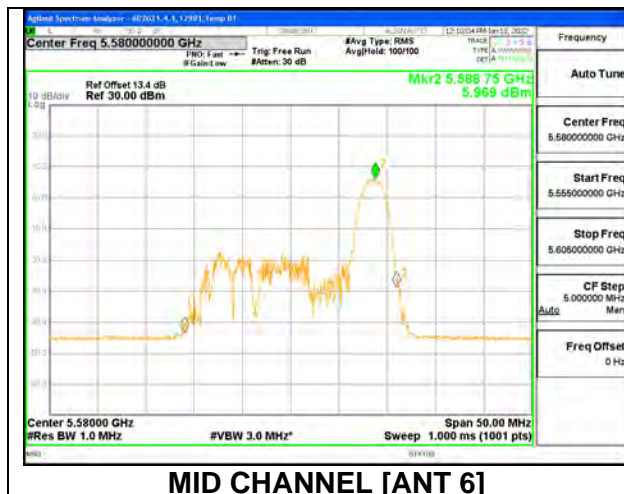
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5500	8.78	8.82	11.81	23.96	-12.15
Mid	5580	8.75	8.83	11.80	23.91	-12.11
High	5700	8.80	8.97	11.90	23.94	-12.04
144	5720	8.84	8.71	11.79	22.73	-10.95

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	5.849	5.807	8.838	11.00	-2.162
Mid	5580	5.969	5.976	8.983	11.00	-2.017
High	5700	5.862	6.242	9.066	11.00	-1.934
144	5720	5.848	6.153	9.013	11.00	-1.987



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

Test Engineer:	12981
Test Date:	1/24/2022

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	21.13	-1.80	1.20	24.00	11.00
Mid	5580	20.88	-1.80	1.20	24.00	11.00
High	5700	21.58	-1.80	1.20	24.00	11.00
144	5720	15.45	-1.80	1.20	22.89	11.00

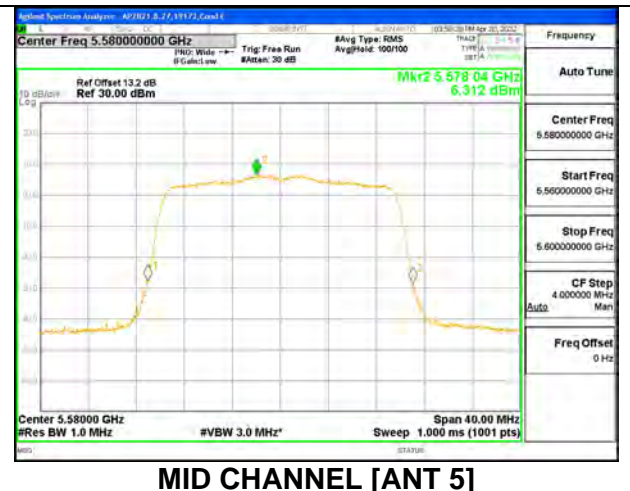
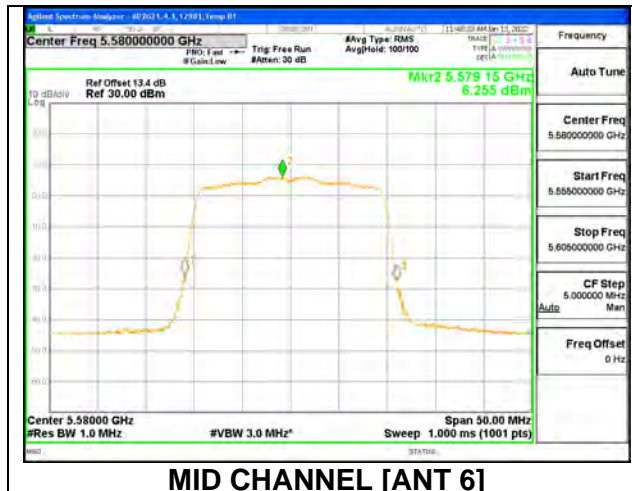
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.94	16.88	19.92	24.00	-4.08
Mid	5580	16.93	16.80	19.88	24.00	-4.12
High	5700	16.32	16.35	19.35	24.00	-4.65
144	5720	16.87	16.77	19.83	22.89	-3.06

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	5500	6.364	6.127	9.257	11.00	-1.743
Mid	5580	6.255	6.312	9.294	11.00	-1.706
High	5700	5.858	5.738	8.809	11.00	-2.191
144	5720	6.362	6.415	9.399	11.00	-1.601



9.4.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND
1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	12981
Test Date:	1/12/2022

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	21.73	-2.70	24.00	11.00
Mid	5550	20.03	-2.70	24.00	11.00
High	5670	21.37	-2.70	24.00	11.00
142	5710	20.80	-2.70	24.00	11.00

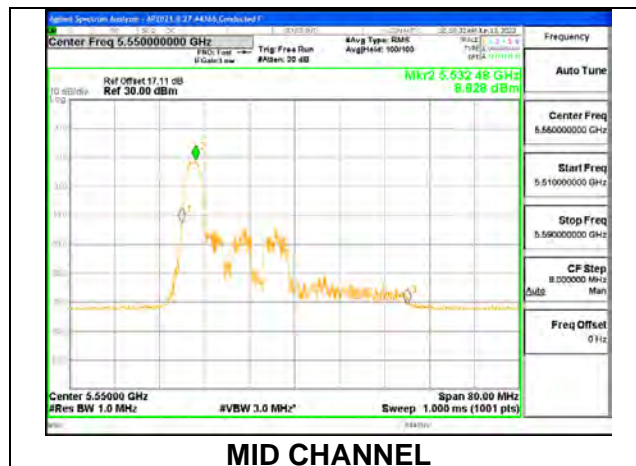
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.94	10.94	24.00	-13.06
Mid	5550	10.93	10.93	24.00	-13.07
High	5670	10.95	10.95	24.00	-13.05
142	5710	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	5510	8.837	8.837	11.00	-2.163
Mid	5550	8.828	8.828	11.00	-2.172
High	5670	8.879	8.879	11.00	-2.121
142	5710	8.881	8.881	11.00	-2.119



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

Test Engineer:	12981
Test Date:	1/12/2022

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	23.13	-2.70	24.00	11.00
Mid	5550	23.55	-2.70	24.00	11.00
High	5670	23.40	-2.70	24.00	11.00
142	5710	24.06	-2.70	24.00	11.00

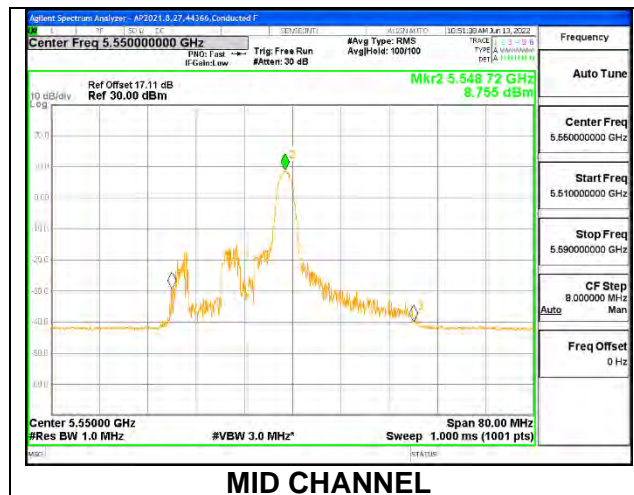
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.88	10.88	24.00	-13.12
Mid	5550	10.87	10.87	24.00	-13.13
High	5670	10.91	10.91	24.00	-13.09
142	5710	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)
Low	5510	9.063	9.063	11.00	-1.937
Mid	5550	8.755	8.755	11.00	-2.245
High	5670	8.932	8.932	11.00	-2.068
142	5710	9.006	9.006	11.00	-1.994



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

Test Engineer:	12981
Test Date:	1/12/2022

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	21.16	-2.70	24.00	11.00
Mid	5550	20.70	-2.70	24.00	11.00
High	5670	20.34	-2.70	24.00	11.00
142	5710	21.28	-2.70	24.00	11.00

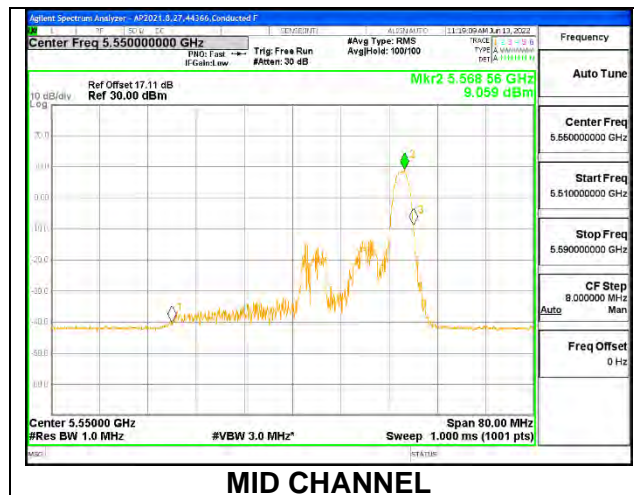
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.93	10.93	24.00	-13.07
Mid	5550	10.90	10.90	24.00	-13.10
High	5670	10.94	10.94	24.00	-13.06
142	5710	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	5510	8.936	8.936	11.00	-2.064
Mid	5550	9.059	9.059	11.00	-1.941
High	5670	9.096	9.096	11.00	-1.904
142	5710	9.073	9.073	11.00	-1.927



MID CHANNEL

1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/12/2022

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	41.87	-2.70	24.00	11.00
Mid	5550	41.11	-2.70	24.00	11.00
High	5670	43.57	-2.70	24.00	11.00
142	5710	41.04	-2.70	24.00	11.00

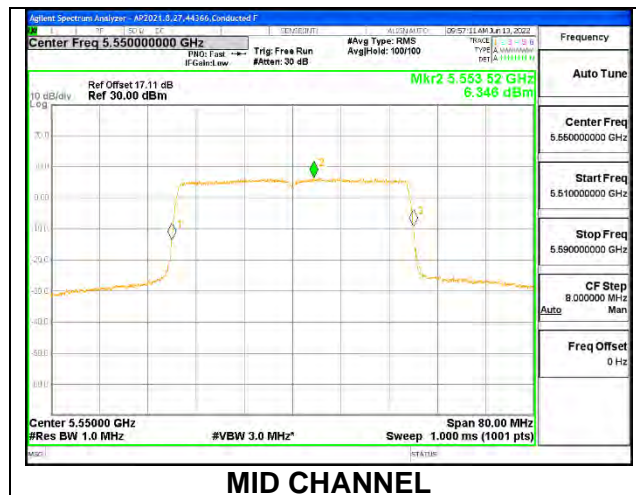
Duty Cycle CF (dB)	0.12	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.98	15.98	24.00	-8.02
Mid	5550	20.40	20.40	24.00	-3.60
High	5670	18.86	18.86	24.00	-5.14
142	5710	20.48	20.48	24.00	-3.52

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	1.425	1.545	11.00	-9.455
Mid	5550	6.346	6.466	11.00	-4.534
High	5670	4.181	4.301	11.00	-6.699
142	5710	7.031	7.151	11.00	-3.849



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

Test Engineer:	12981
Test Date:	2/22/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	20.03	-1.00	24.00	11.00
Mid	5550	19.80	-1.00	23.97	11.00
High	5670	20.26	-1.00	24.00	11.00
142	5710	21.25	-1.00	24.00	11.00

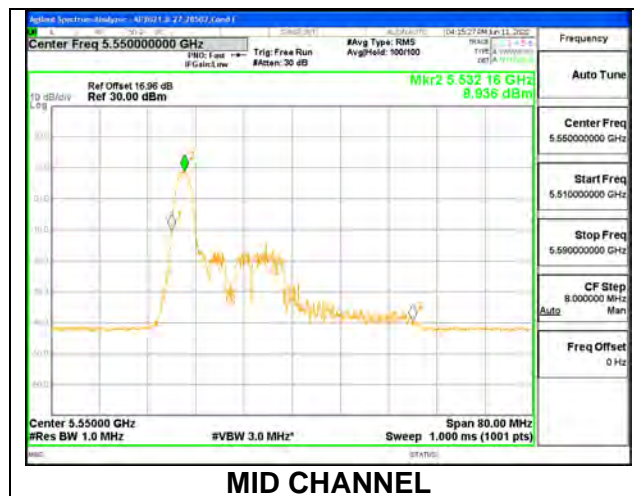
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.90	10.90	24.00	-13.10
Mid	5550	10.96	10.96	23.97	-13.01
High	5670	10.83	10.83	24.00	-13.17
142	5710	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)
Low	5510	8.677	8.677	11.00	-2.323
Mid	5550	8.936	8.936	11.00	-2.064
High	5670	8.806	8.806	11.00	-2.194
142	5710	9.067	9.067	11.00	-1.933



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

Test Engineer:	12981
Test Date:	2/22/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	23.27	-1.00	24.00	11.00
Mid	5550	22.90	-1.00	24.00	11.00
High	5670	23.72	-1.00	24.00	11.00
142	5710	24.10	-1.00	24.00	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 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.92	10.92	24.00	-13.08
Mid	5550	10.93	10.93	24.00	-13.07
High	5670	10.85	10.85	24.00	-13.15
142	5710	10.91	10.91	24.00	-13.09

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	5510	9.033	9.033	11.00	-1.967
Mid	5550	8.734	8.734	11.00	-2.266
High	5670	8.752	8.752	11.00	-2.248
142	5710	8.678	8.678	11.00	-2.322



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

Test Engineer:	12981
Test Date:	2/22/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	19.93	-1.00	24.00	11.00
Mid	5550	19.83	-1.00	23.97	11.00
High	5670	19.71	-1.00	23.95	11.00
142	5710	21.13	-1.00	24.00	11.00

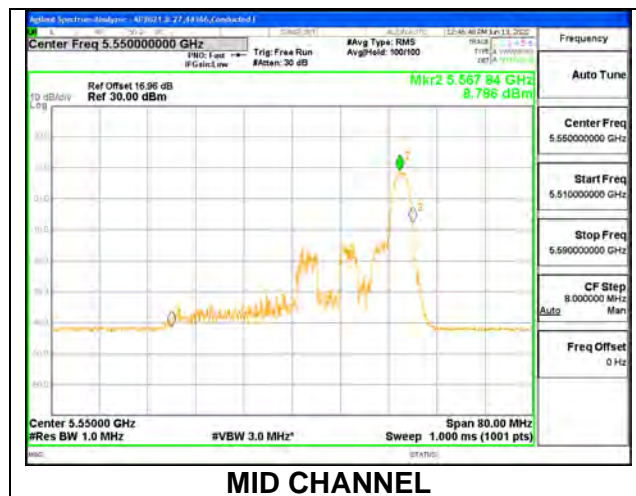
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.95	10.95	24.00	-13.05
Mid	5550	10.86	10.86	23.97	-13.11
High	5670	10.88	10.88	23.95	-13.07
142	5710	10.90	10.90	24.00	-13.10

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	5510	9.066	9.066	11.00	-1.934
Mid	5550	8.786	8.786	11.00	-2.214
High	5670	8.835	8.835	11.00	-2.165
142	5710	8.778	8.778	11.00	-2.222



MID CHANNEL

1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/26/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	42.38	-1.00	24.00	11.00
Mid	5550	41.33	-1.00	24.00	11.00
High	5670	45.97	-1.00	24.00	11.00
142	5710	41.61	-1.00	24.00	11.00

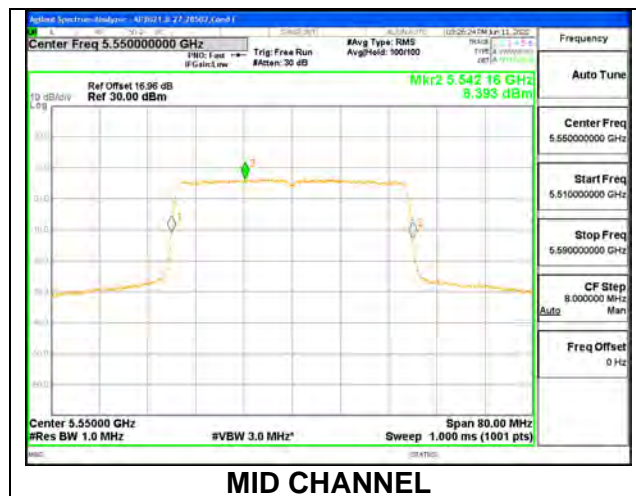
Duty Cycle CF (dB)	0.12	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.88	15.88	24.00	-8.12
Mid	5550	20.39	20.39	24.00	-3.61
High	5670	18.89	18.89	24.00	-5.11
142	5710	20.41	20.41	24.00	-3.59

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	1.308	1.428	11.00	-9.572
Mid	5550	6.393	6.513	11.00	-4.487
High	5670	4.123	4.243	11.00	-6.757
142	5710	7.058	7.178	11.00	-3.822



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

Test Engineer:	12981
Test Date:	2/1/2022

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	19.591	-1.80	1.20	23.92	11.00
Mid	5550	19.817	-1.80	1.20	23.97	11.00
High	5670	19.703	-1.80	1.20	23.95	11.00
142	5710	19.342	-1.80	1.20	23.87	11.00

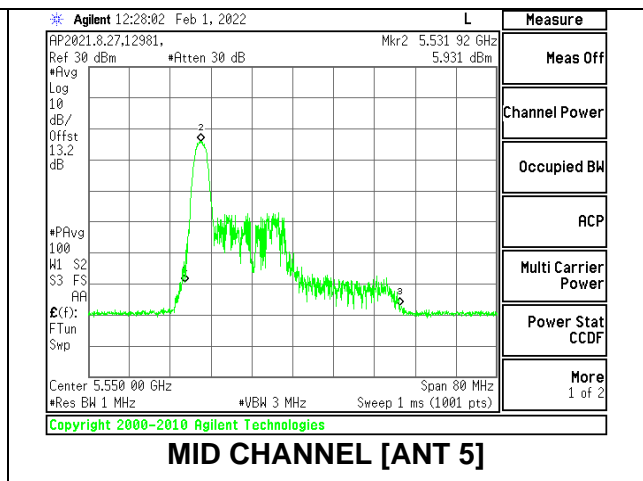
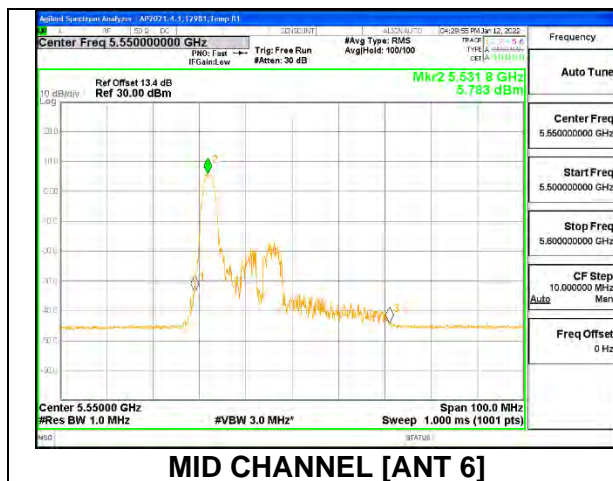
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.84	8.90	11.88	23.92	-12.04
Mid	5550	8.91	8.91	11.92	23.97	-12.05
High	5670	8.93	8.93	11.94	23.95	-12.01
142	5710	8.91	8.97	11.95	23.87	-11.91

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	5.688	5.895	8.803	11.00	-2.20
Mid	5550	5.783	5.931	8.868	11.00	-2.13
High	5670	5.843	6.322	9.099	11.00	-1.90
142	5710	6.095	6.265	9.191	11.00	-1.81



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

Test Engineer:	12981
Test Date:	2/1/2022

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	21.837	-1.80	1.20	24.00	11.00
Mid	5550	23.160	-1.80	1.20	24.00	11.00
High	5670	21.867	-1.80	1.20	24.00	11.00
142	5710	22.451	-1.80	1.20	24.00	11.00

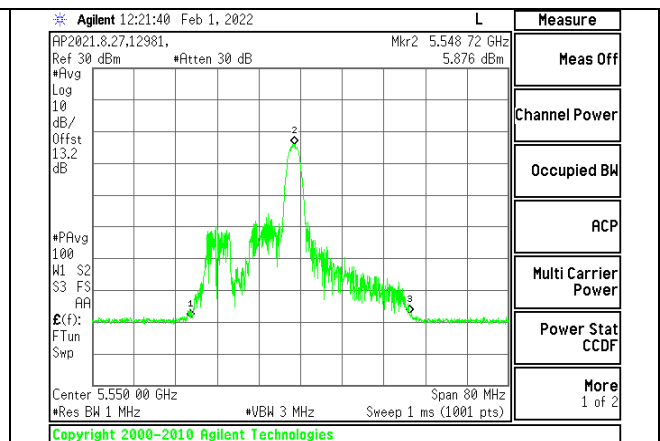
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.85	8.85	11.86	24.00	-12.14
Mid	5550	8.85	8.91	11.89	24.00	-12.11
High	5670	8.82	8.91	11.88	24.00	-12.12
142	5710	8.94	8.94	11.95	24.00	-12.05

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	6.034	6.376	9.219	11.00	-1.78
Mid	5550	5.922	5.876	8.909	11.00	-2.09
High	5670	6.015	6.173	9.105	11.00	-1.89
142	5710	5.928	6.192	9.072	11.00	-1.93



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

Test Engineer:	12981
Test Date:	2/1/2022

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	19.797	-1.80	1.20	23.97	11.00
Mid	5550	19.580	-1.80	1.20	23.92	11.00
High	5670	19.690	-1.80	1.20	23.94	11.00
142	5710	19.810	-1.80	1.20	23.97	11.00

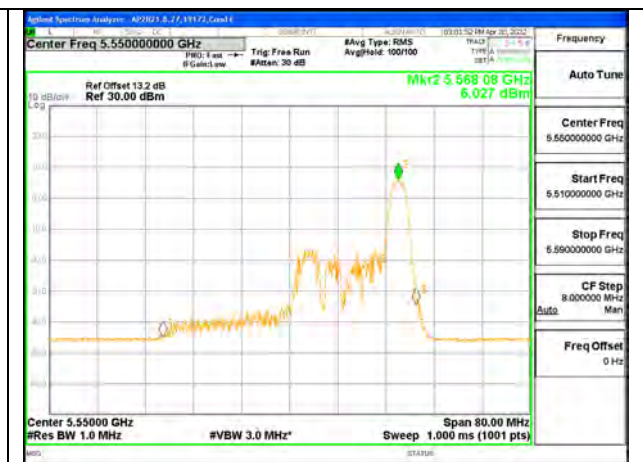
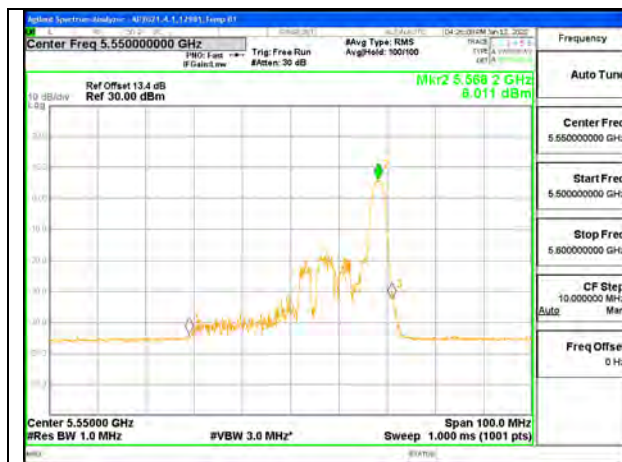
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.92	8.84	11.89	23.97	-12.08
Mid	5550	8.98	8.87	11.94	23.92	-11.98
High	5670	8.91	8.90	11.92	23.94	-12.03
142	5710	8.93	8.96	11.96	23.97	-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	5510	6.111	6.156	9.144	11.00	-1.86
Mid	5550	6.011	6.027	9.029	11.00	-1.97
High	5670	5.934	5.948	8.951	11.00	-2.05
142	5710	6.133	6.318	9.237	11.00	-1.76



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

Test Engineer:	12981
Test Date:	1/27/2022

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	42.53	-1.80	1.20	24.00	11.00
Mid	5550	41.33	-1.80	1.20	24.00	11.00
High	5670	42.59	-1.80	1.20	24.00	11.00
142	5710	41.09	-1.80	1.20	24.00	11.00

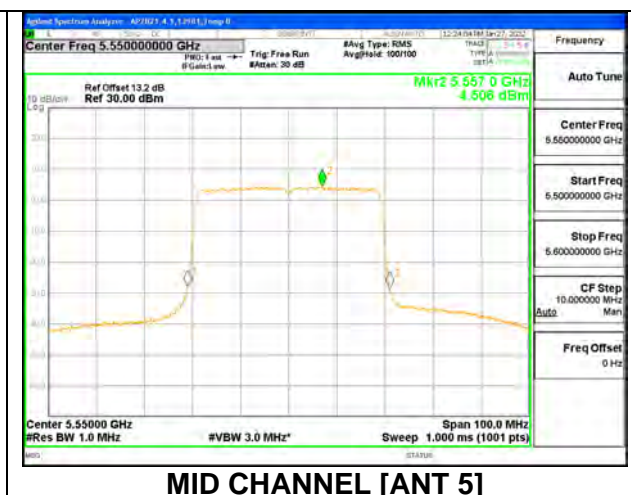
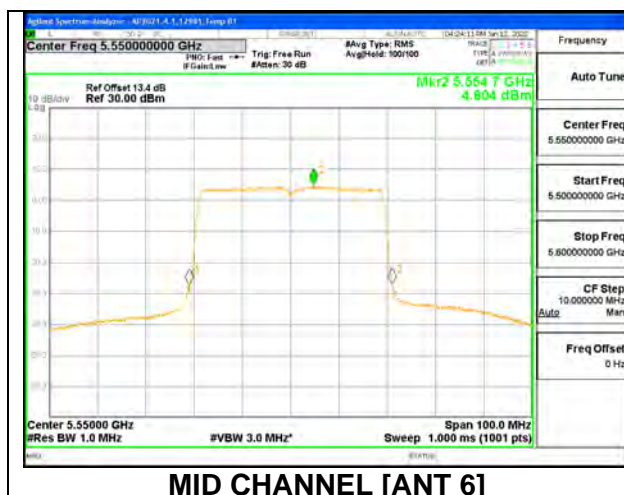
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	15.49	15.44	18.48	24.00	-5.52
Mid	5550	19.46	19.35	22.42	24.00	-1.58
High	5670	18.35	18.47	21.42	24.00	-2.58
142	5710	19.47	19.34	22.42	24.00	-1.58

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	0.754	0.837	3.926	11.00	-7.07
Mid	5550	4.804	4.506	7.788	11.00	-3.21
High	5670	3.782	3.898	6.971	11.00	-4.03
142	5710	4.758	4.740	7.879	11.00	-3.12



9.4.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND
1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	12981
Test Date:	1/18/2022

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	19.67	-2.70	23.94	11.00
High	5610	19.63	-2.70	23.93	11.00
138	5690	19.58	-2.70	23.92	11.00

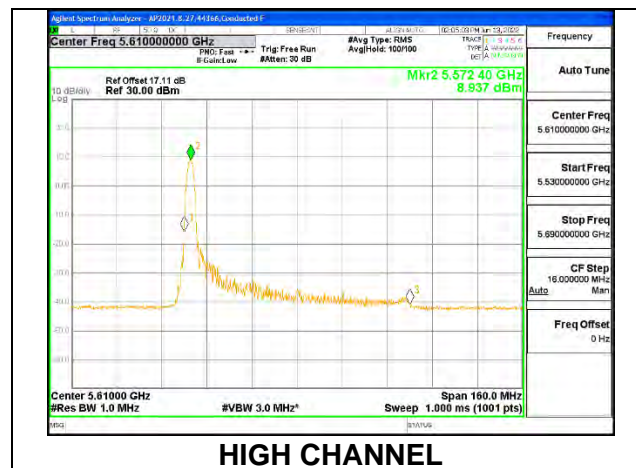
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.94	10.94	23.94	-13.00
High	5610	10.92	10.92	23.93	-13.01
138	5690	10.91	10.91	23.92	-13.01

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	9.022	9.022	11.00	-1.978
High	5610	8.937	8.937	11.00	-2.063
138	5690	9.067	9.067	11.00	-1.933



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

Test Engineer:	12981
Test Date:	1/18/2022

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	41.41	-2.70	24.00	11.00
High	5610	39.55	-2.70	24.00	11.00
138	5690	40.55	-2.70	24.00	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	5530	10.92	10.92	24.00	-13.08
High	5610	10.96	10.96	24.00	-13.04
138	5690	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)
Low	5530	8.118	8.118	11.00	-2.882
High	5610	8.079	8.079	11.00	-2.921
138	5690	8.305	8.305	11.00	-2.695



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

Test Engineer:	12981
Test Date:	1/18/2022

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	20.20	-2.70	24.00	11.00
High	5610	20.31	-2.70	24.00	11.00
138	5690	20.20	-2.70	24.00	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	5530	10.89	10.89	24.00	-13.11
High	5610	10.97	10.97	24.00	-13.03
138	5690	10.88	10.88	24.00	-13.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	9.139	9.139	11.00	-1.861
High	5610	9.015	9.015	11.00	-1.985
138	5690	9.249	9.249	11.00	-1.751



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	1/14/2022

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	82.95	-2.70	24.00	11.00
High	5610	83.59	-2.70	24.00	11.00
138	5690	82.25	-2.70	24.00	11.00

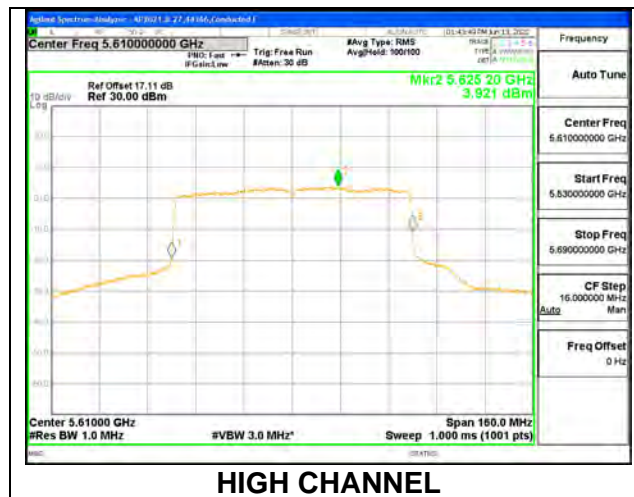
Duty Cycle CF (dB)	0.23	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.82	15.82	24.00	-8.18
High	5610	20.36	20.36	24.00	-3.64
138	5690	20.40	20.40	24.00	-3.60

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-1.073	-0.843	11.00	-11.843
High	5610	3.921	4.151	11.00	-6.849
138	5690	4.223	4.453	11.00	-6.547



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

Test Engineer:	12981
Test Date:	2/3/2022

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	19.46	-1.00	23.89	11.00
High	5610	19.42	-1.00	23.88	11.00
138	5690	19.32	-1.00	23.86	11.00

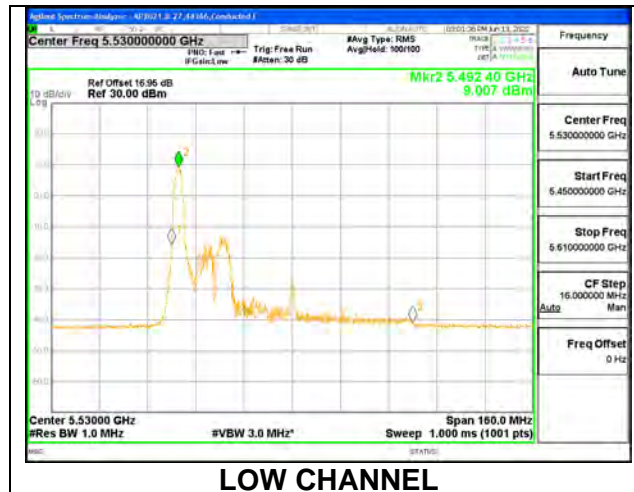
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.95	10.95	23.89	-12.94
High	5610	10.88	10.88	23.88	-13.00
138	5690	10.91	10.91	23.86	-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)
Low	5530	9.007	9.007	11.00	-1.993
High	5610	8.882	8.882	11.00	-2.118
138	5690	8.835	8.835	11.00	-2.165



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

Test Engineer:	12981
Test Date:	2/3/2022

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	40.20	-1.00	24.00	11.00
High	5610	39.14	-1.00	24.00	11.00
138	5690	39.93	-1.00	24.00	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 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.91	10.91	24.00	-13.09
High	5610	10.93	10.93	24.00	-13.07
138	5690	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	5530	7.934	7.934	11.00	-3.066
High	5610	7.999	7.999	11.00	-3.001
138	5690	7.926	7.926	11.00	-3.074



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

Test Engineer:	12981
Test Date:	2/3/2022

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	19.27	-1.00	23.85	11.00
High	5610	19.25	-1.00	23.84	11.00
138	5690	19.48	-1.00	23.90	11.00

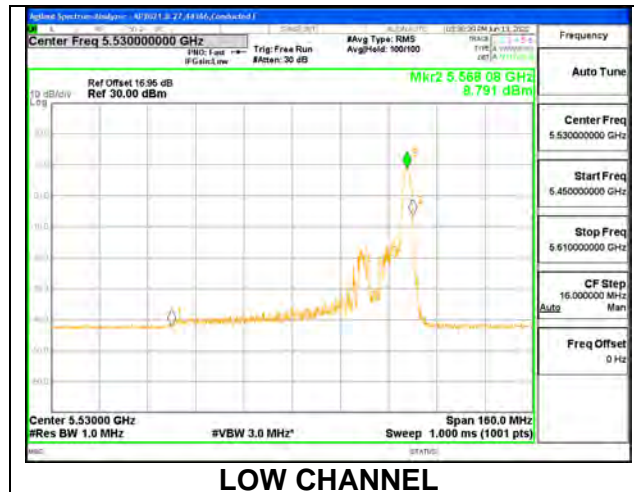
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.88	10.88	23.85	-12.97
High	5610	10.91	10.91	23.84	-12.93
138	5690	10.94	10.94	23.90	-12.96

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	8.791	8.791	11.00	-2.209
High	5610	8.823	8.823	11.00	-2.177
138	5690	8.706	8.706	11.00	-2.294



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	12981
Test Date:	2/3/2022

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	85.086	-1.00	24.00	11.00
High	5610	88.170	-1.00	24.00	11.00
138	5690	81.900	-1.00	24.00	11.00

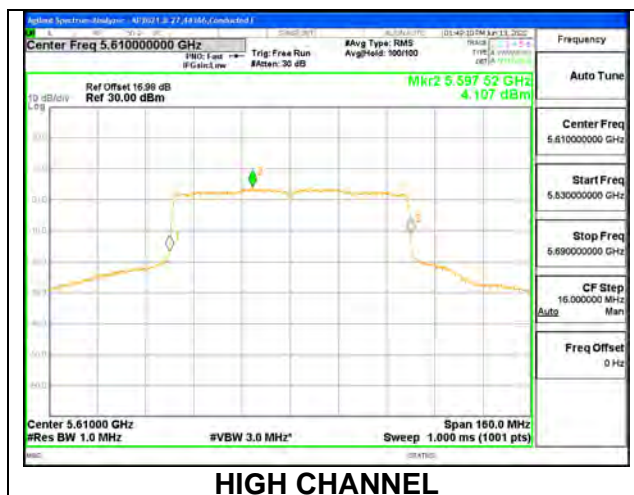
Duty Cycle CF (dB)	0.23	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.98	15.98	24.00	-8.02
High	5610	20.41	20.41	24.00	-3.59
138	5690	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	5530	-0.988	-0.758	11.00	-11.758
High	5610	4.107	4.337	11.00	-6.663
138	5690	4.055	4.285	11.00	-6.715



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

Test Engineer:	12981
Test Date:	2/23/2022

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	19.32	-1.80	1.20	23.86	11.00
High	5610	19.46	-1.80	1.20	23.89	11.00
138	5690	19.26	-1.80	1.20	23.85	11.00

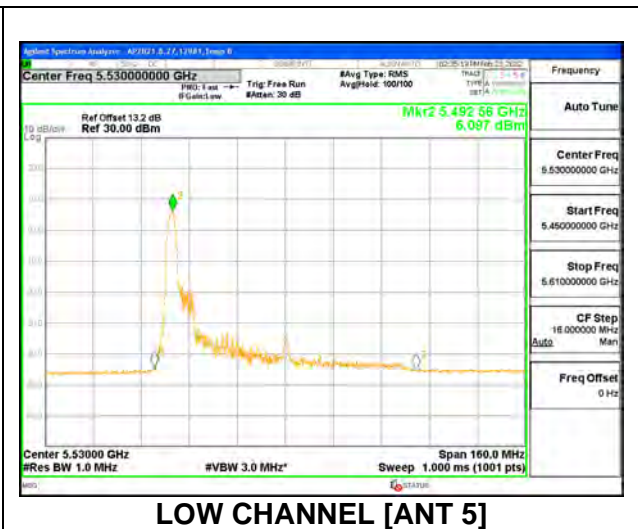
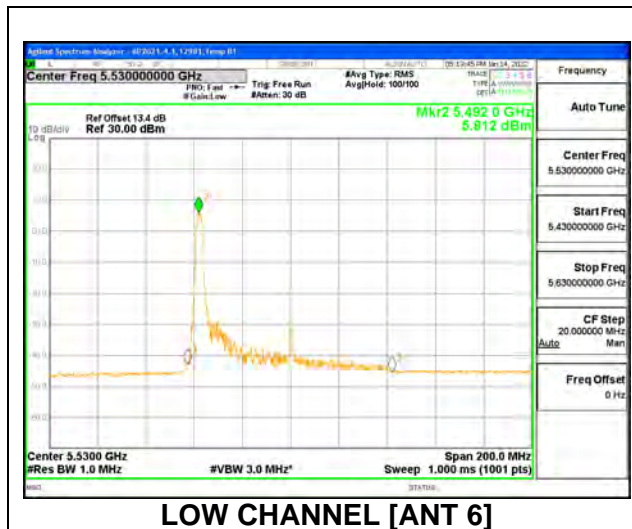
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5530	8.92	8.91	11.93	23.86	-11.93
High	5610	8.96	8.97	11.98	23.89	-11.92
138	5690	8.87	8.95	11.92	23.85	-11.93

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	5.812	6.097	8.967	11.00	-2.033
High	5610	5.816	6.099	8.970	11.00	-2.030
138	5690	6.144	6.156	9.160	11.00	-1.840



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

Test Engineer:	12981
Test Date:	2/3/2022

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	38.16	-1.80	1.20	24.00	11.00
High	5610	38.79	-1.80	1.20	24.00	11.00
138	5690	38.03	-1.80	1.20	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)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.94	8.90	11.93	24.00	-12.07
High	5610	8.89	8.91	11.91	24.00	-12.09
138	5690	8.96	8.80	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	5530	5.098	4.957	8.038	11.00	-2.962
High	5610	5.010	4.843	7.938	11.00	-3.062
138	5690	4.878	5.238	8.072	11.00	-2.928



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

Test Engineer:	12981
Test Date:	2/3/2022

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	19.48	-1.80	1.20	23.90	11.00
High	5610	19.56	-1.80	1.20	23.91	11.00
138	5690	19.37	-1.80	1.20	23.87	11.00

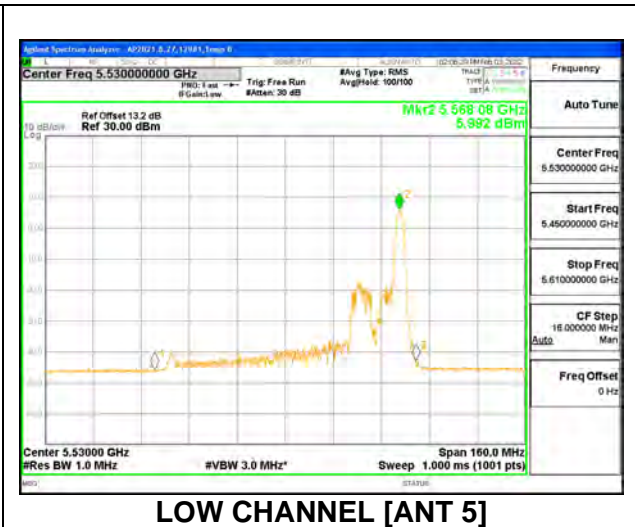
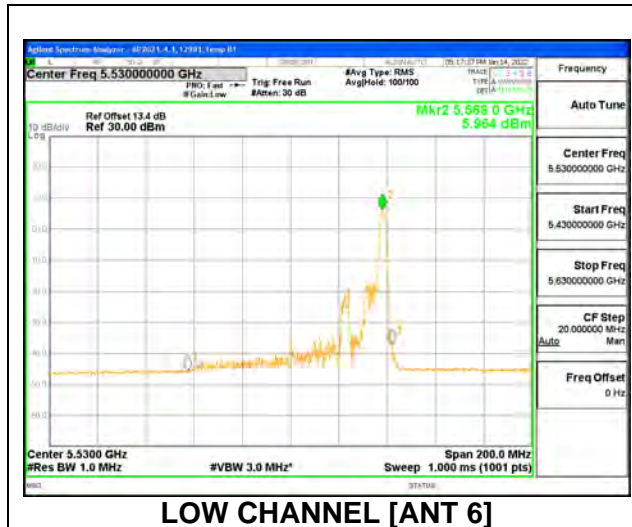
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5530	8.91	8.91	11.92	23.90	-11.98
High	5610	8.97	8.87	11.93	23.91	-11.98
138	5690	8.77	8.92	11.86	23.87	-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	5530	5.964	5.992	8.988	11.00	-2.012
High	5610	5.704	6.059	8.895	11.00	-2.105
138	5690	5.927	5.938	8.943	11.00	-2.057



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

Test Engineer:	12981
Test Date:	2/3/2022

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	81.889	-1.80	1.20	24.00	11.00
High	5610	82.960	-1.80	1.20	24.00	11.00
138	5690	81.338	-1.80	1.20	24.00	11.00

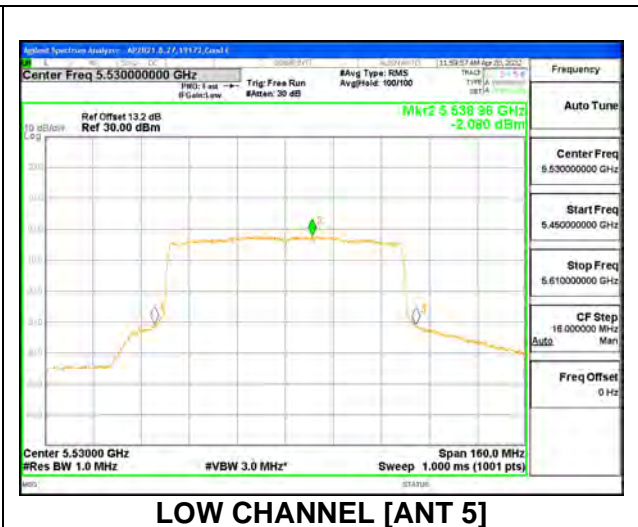
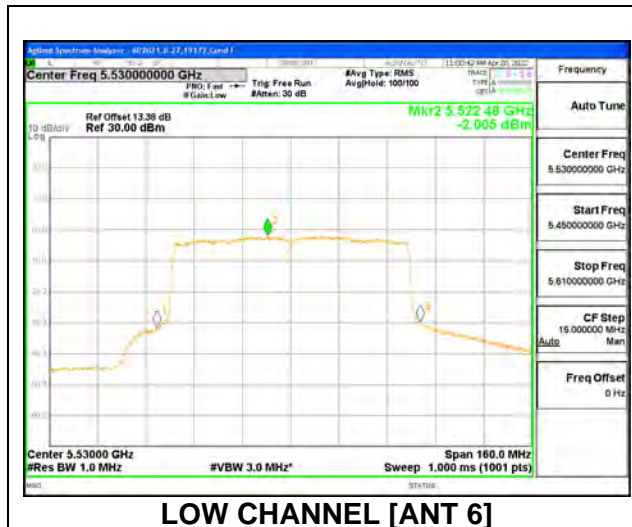
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.95	14.91	17.94	24.00	-6.06
High	5610	19.89	19.92	22.92	24.00	-1.08
138	5690	19.87	19.75	22.82	24.00	-1.18

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	-2.005	-2.080	1.198	11.00	-9.802
High	5610	2.596	2.520	5.798	11.00	-5.202
138	5690	2.627	2.656	5.882	11.00	-5.118



9.4.19. **802.11n HT20 MODE IN THE 5.8 GHz BAND**
1TX Antenna 6 MODE (FCC+IC)

Test Engineer:	12981
Test Date:	1/10/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.80	30.00	30.00
Mid	5785	-3.80	30.00	30.00
High	5825	-3.80	30.00	30.00

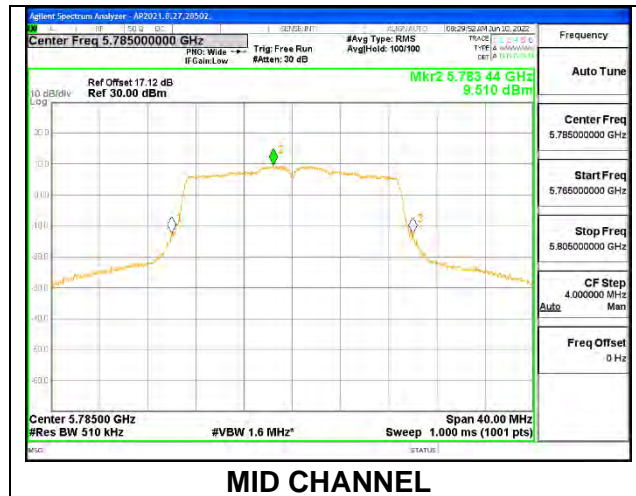
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.35	21.35	30.00	-8.65
Mid	5785	21.38	21.38	30.00	-8.62
High	5825	21.43	21.43	30.00	-8.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	9.601	9.711	20.289	-10.58
Mid	5785	9.510	9.620	20.38	-10.76
High	5825	9.543	9.653	20.347	-10.69



1TX Antenna 5 MODE (FCC+IC)

Test Engineer:	12981
Test Date:	1/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.90	30.00	30.00
Mid	5785	-2.90	30.00	30.00
High	5825	-2.90	30.00	30.00

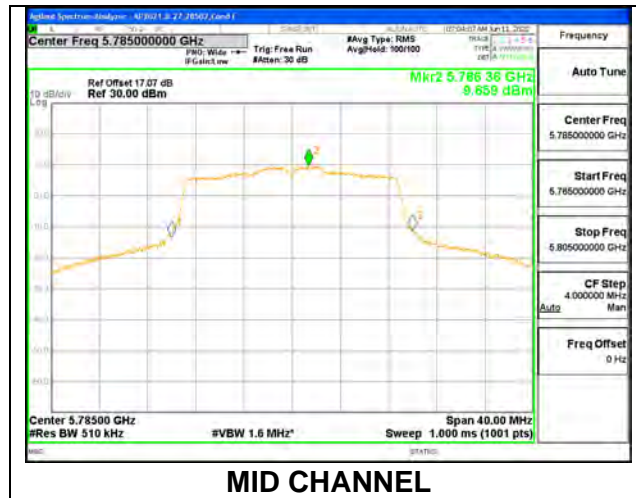
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.45	21.45	30.00	-8.55
Mid	5785	21.32	21.32	30.00	-8.68
High	5825	21.40	21.40	30.00	-8.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	9.750	9.860	30.00	-20.14
Mid	5785	9.659	9.769	30.00	-20.23
High	5825	9.892	10.002	30.00	-20.00



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

Test Engineer:	12981
Test Date:	1/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.30	-0.30	30.00	30.00
Mid	5785	-3.30	-0.30	30.00	30.00
High	5825	-3.30	-0.30	30.00	30.00

Duty Cycle CF (dB)	0.11	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	5745	21.46	21.25	24.37	30.00	-5.63
Mid	5785	21.39	21.38	24.40	30.00	-5.60
High	5825	21.44	21.43	24.45	30.00	-5.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	9.203	9.258	12.351	30.00	-17.649
Mid	5785	9.486	9.546	12.636	30.00	-17.364
High	5825	9.370	9.515	12.563	30.00	-17.437



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

9.4.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC+IC)

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-3.80	30.00	30.00
High	5795	-3.80	30.00	30.00

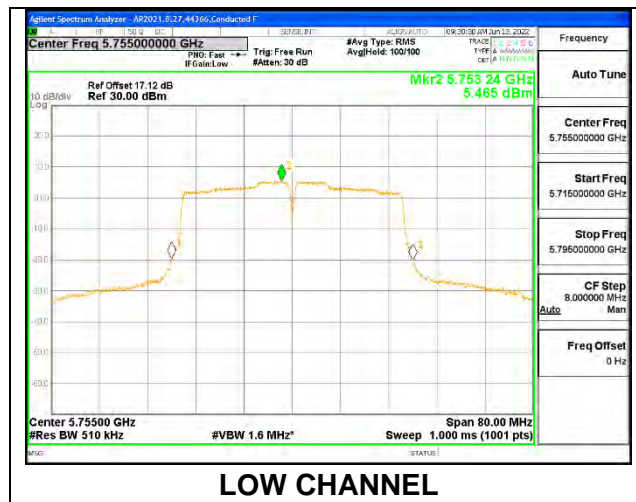
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.46	20.46	30.00	-9.54
High	5795	20.45	20.45	30.00	-9.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.465	5.655	30.00	-24.35
High	5795	5.482	5.672	30.00	-24.33



1TX Antenna 5 MODE (FCC+IC)

Test Engineer:	12981
Test Date:	1/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-2.90	30.00	30.00
High	5795	-2.90	30.00	30.00

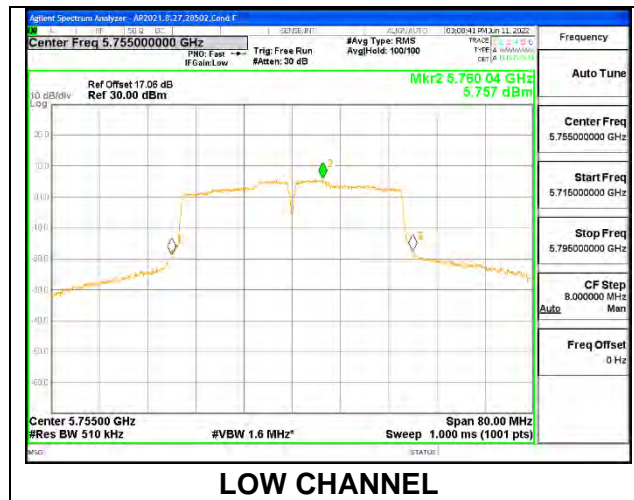
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.35	20.35	30.00	-9.65
High	5795	20.35	20.35	30.00	-9.65

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.757	5.947	30.00	-24.05
High	5795	5.546	5.736	30.00	-24.26



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

Test Engineer:	12981
Test Date:	1/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-3.30	-0.30	30.00	30.00
High	5795	-3.30	-0.30	30.00	30.00

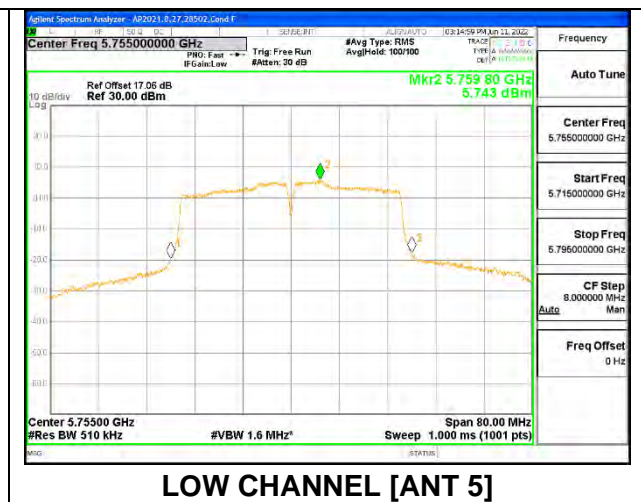
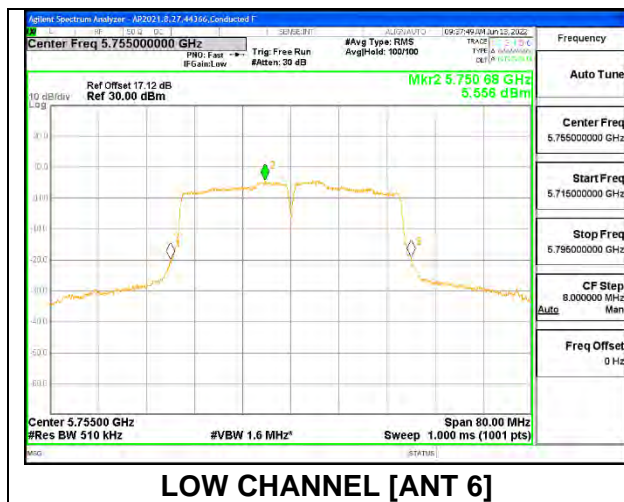
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

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	5755	20.36	20.33	23.36	30.00	-6.64
High	5795	20.43	20.40	23.43	30.00	-6.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.556	5.743	8.851	30.00	-21.149
High	5795	5.776	5.842	9.009	30.00	-20.991



9.4.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC+IC)

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-3.80	30.00	30.00

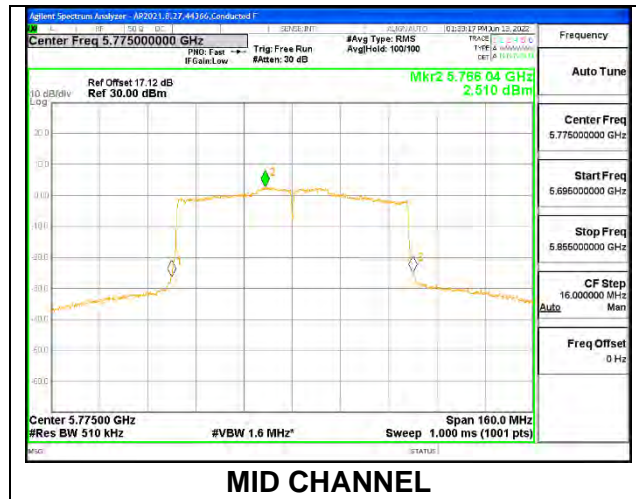
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.45	20.45	30.00	-9.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	2.510	2.900	30.00	-27.10



MID CHANNEL

1TX Antenna 5 MODE (FCC+IC)

Test Engineer:	12981
Test Date:	1/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-2.90	30.00	30.00

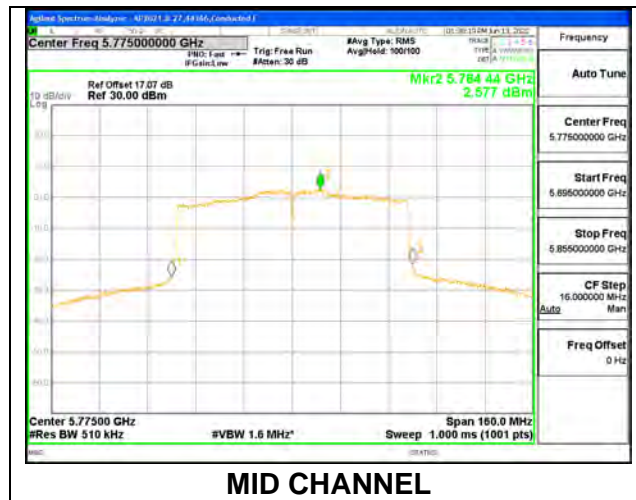
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.40	20.40	30.00	-9.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	2.577	2.967	30.00	-27.03



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

Test Engineer:	12981
Test Date:	1/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-3.30	-0.30	30.00	30.00

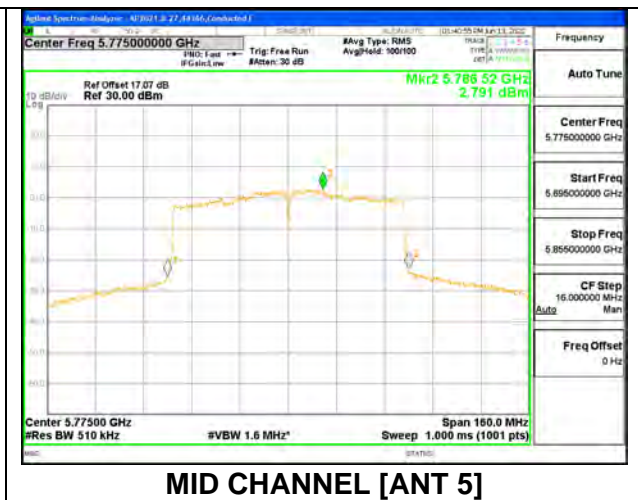
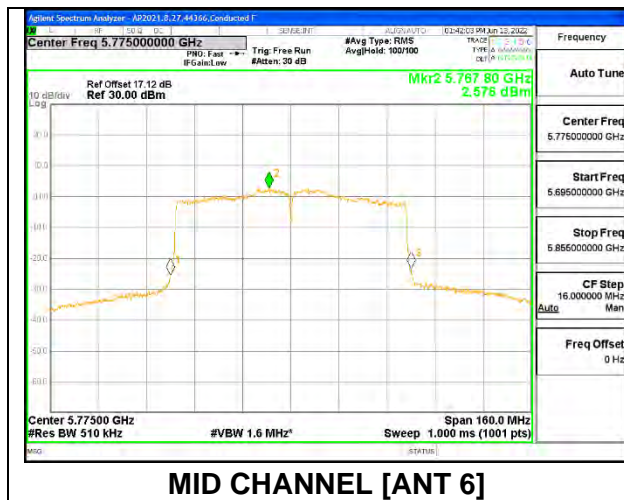
Duty Cycle CF (dB)	0.39	Included in Calculations of Corr'd PSD
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Output Power Results

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	5775	20.46	20.37	23.43	30.00	-6.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	2.576	2.791	6.085	30.00	-23.915



9.4.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND
1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.80	30.00	30.00
Mid	5785	-3.80	30.00	30.00
High	5825	-3.80	30.00	30.00

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	5745	11.93	11.93	30.00	-18.07
Mid	5785	11.85	11.85	30.00	-18.15
High	5825	11.98	11.98	30.00	-18.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.700	7.700	30.00	-22.30
Mid	5785	7.328	7.328	30.00	-22.67
High	5825	7.788	7.788	30.00	-22.21



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

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.80	30.00	30.00
Mid	5785	-3.80	30.00	30.00
High	5825	-3.80	30.00	30.00

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	5745	11.86	11.86	30.00	-18.14
Mid	5785	11.90	11.90	30.00	-18.10
High	5825	11.74	11.74	30.00	-18.26

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.382	7.382	30.00	-22.62
Mid	5785	7.627	7.627	30.00	-22.37
High	5825	7.471	7.471	30.00	-22.53



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

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.80	30.00	30.00
Mid	5785	-3.80	30.00	30.00
High	5825	-3.80	30.00	30.00

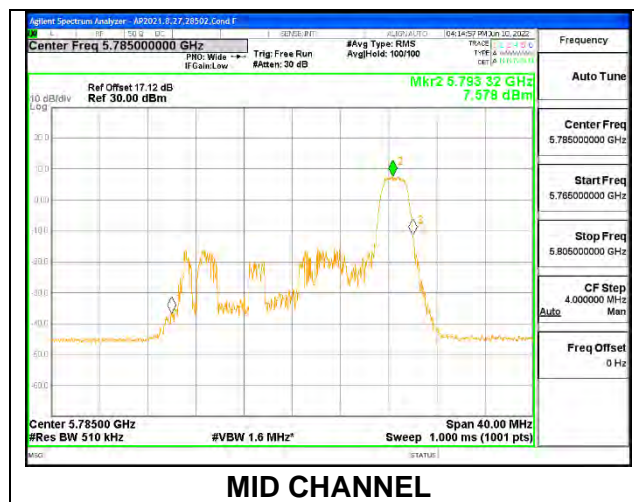
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.98	11.98	30.00	-18.02
Mid	5785	11.86	11.86	30.00	-18.14
High	5825	11.99	11.99	30.00	-18.01

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.597	7.597	30.00	-22.40
Mid	5785	7.578	7.578	30.00	-22.42
High	5825	7.517	7.517	30.00	-22.48



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

Test Engineer:	12981
Test Date:	1/11/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.80	30.00	30.00
Mid	5785	-3.80	30.00	30.00
High	5825	-3.80	30.00	30.00

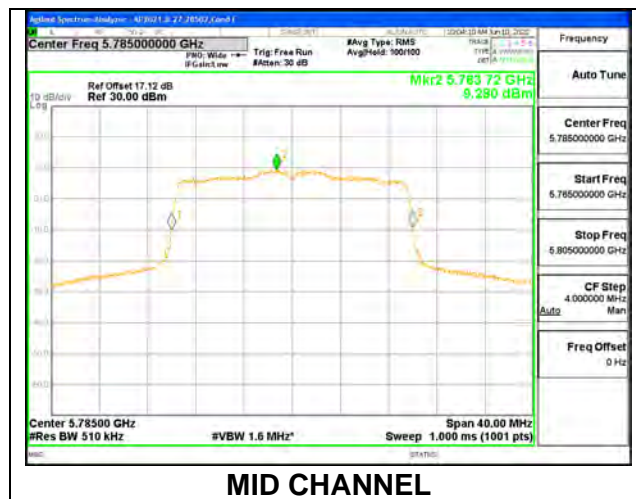
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.47	21.47	30.00	-8.53
Mid	5785	21.39	21.39	30.00	-8.61
High	5825	21.42	21.42	30.00	-8.58

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	9.114	9.114	30.00	-20.89
Mid	5785	9.280	9.280	30.00	-20.72
High	5825	9.215	9.215	30.00	-20.79



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

Test Engineer:	12981
Test Date:	1/21/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.90	30.00	30.00
Mid	5785	-2.90	30.00	30.00
High	5825	-2.90	30.00	30.00

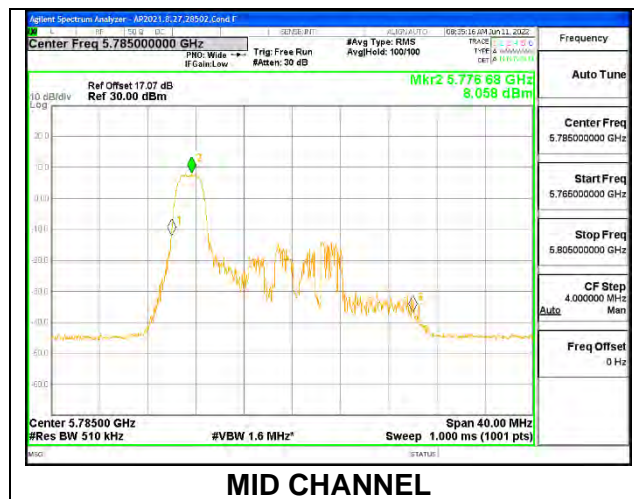
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.95	11.95	30.00	-18.05
Mid	5785	11.96	11.96	30.00	-18.04
High	5825	11.73	11.73	30.00	-18.27

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.890	7.890	30.00	-22.11
Mid	5785	8.058	8.058	30.00	-21.94
High	5825	7.737	7.737	30.00	-22.26



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

Test Engineer:	12981
Test Date:	1/21/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.90	30.00	30.00
Mid	5785	-2.90	30.00	30.00
High	5825	-2.90	30.00	30.00

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	5745	11.89	11.89	30.00	-18.11
Mid	5785	11.97	11.97	30.00	-18.03
High	5825	11.98	11.98	30.00	-18.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.700	7.700	30.00	-22.30
Mid	5785	7.859	7.859	30.00	-22.14
High	5825	7.821	7.821	30.00	-22.18



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

Test Engineer:	12981
Test Date:	1/21/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.90	30.00	30.00
Mid	5785	-2.90	30.00	30.00
High	5825	-2.90	30.00	30.00

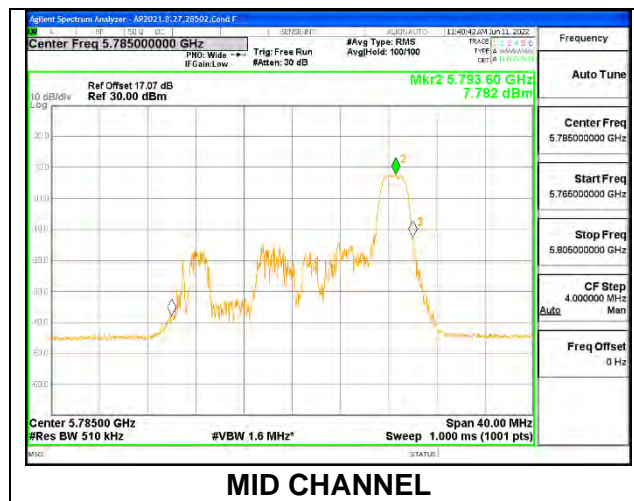
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.99	11.99	30.00	-18.01
Mid	5785	11.88	11.88	30.00	-18.12
High	5825	11.98	11.98	30.00	-18.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.903	7.903	30.00	-22.10
Mid	5785	7.782	7.782	30.00	-22.22
High	5825	7.825	7.825	30.00	-22.18



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

Test Engineer:	12981
Test Date:	1/20/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.90	30.00	30.00
Mid	5785	-2.90	30.00	30.00
High	5825	-2.90	30.00	30.00

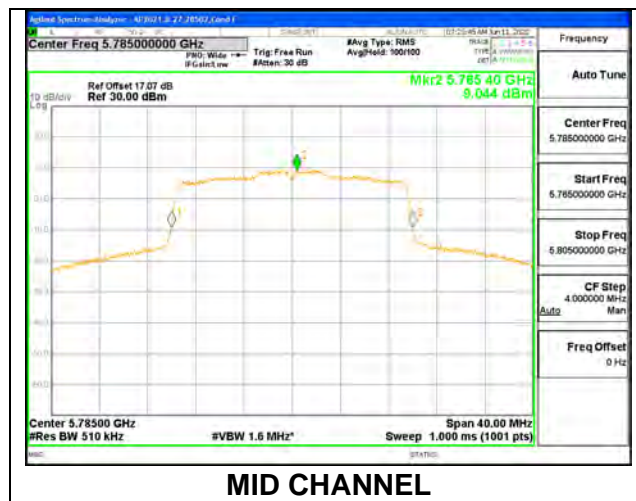
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.37	21.37	30.00	-8.63
Mid	5785	21.42	21.42	30.00	-8.58
High	5825	21.45	21.45	30.00	-8.55

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	9.214	9.214	30.00	-20.79
Mid	5785	9.044	9.044	30.00	-20.96
High	5825	9.334	9.334	30.00	-20.67



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

Test Engineer:	12981
Test Date:	1/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.30	-0.30	30.00	30.00
Mid	5785	-3.30	-0.30	30.00	30.00
High	5825	-3.30	-0.30	30.00	30.00

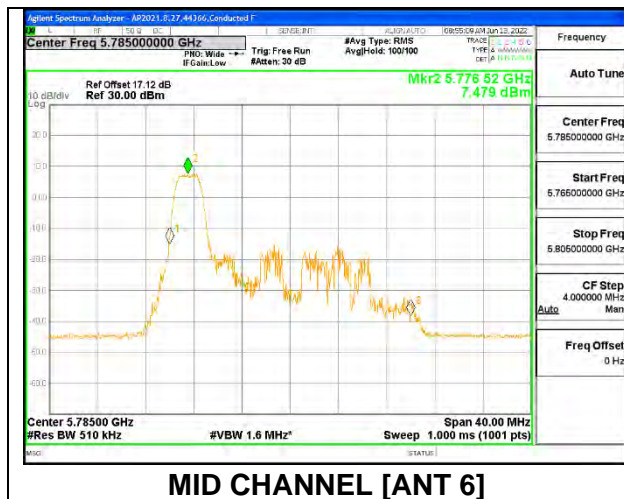
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5745	11.89	11.90	14.91	30.00	-15.09
Mid	5785	11.94	11.81	14.89	30.00	-15.11
High	5825	11.98	11.83	14.92	30.00	-15.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.264	7.719	10.508	30.00	-19.492
Mid	5785	7.479	7.478	10.489	30.00	-19.511
High	5825	7.505	7.836	10.684	30.00	-19.316



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

Test Engineer:	12981
Test Date:	1/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.30	-0.30	30.00	30.00
Mid	5785	-3.30	-0.30	30.00	30.00
High	5825	-3.30	-0.30	30.00	30.00

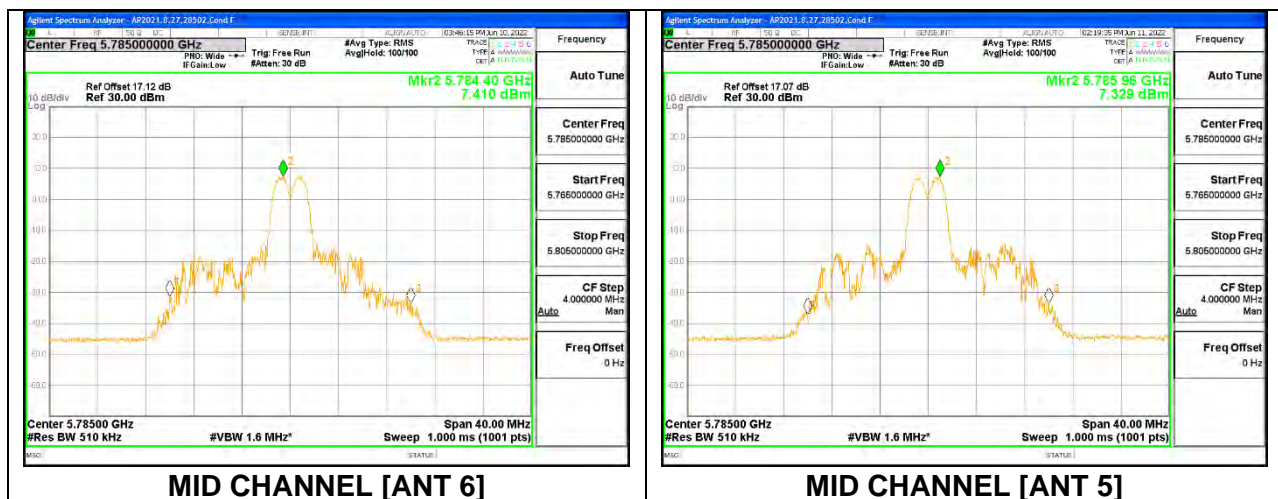
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5745	11.74	11.92	14.84	30.00	-15.16
Mid	5785	11.97	11.79	14.89	30.00	-15.11
High	5825	11.88	11.76	14.83	30.00	-15.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.353	7.419	10.396	30.00	-19.604
Mid	5785	7.410	7.329	10.380	30.00	-19.620
High	5825	7.506	7.342	10.435	30.00	-19.565



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

Test Engineer:	12981
Test Date:	1/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.30	-0.30	30.00	30.00
Mid	5785	-3.30	-0.30	30.00	30.00
High	5825	-3.30	-0.30	30.00	30.00

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	5745	11.82	11.91	14.88	30.00	-15.12
Mid	5785	11.93	11.88	14.92	30.00	-15.08
High	5825	11.95	11.80	14.89	30.00	-15.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.567	7.794	10.692	30.00	-19.308
Mid	5785	7.470	7.888	10.694	30.00	-19.306
High	5825	7.516	7.898	10.721	30.00	-19.279

