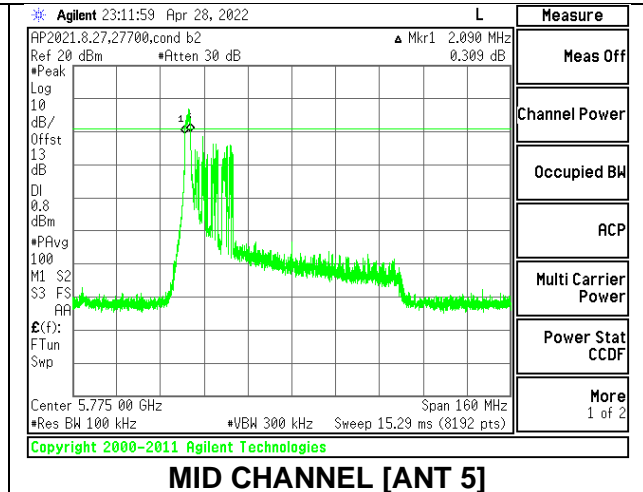
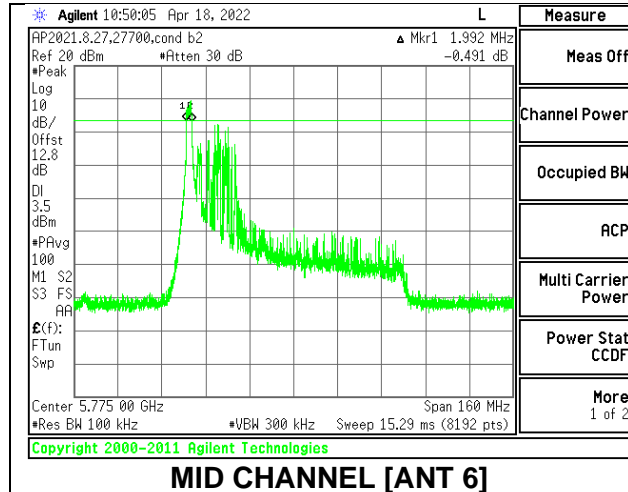


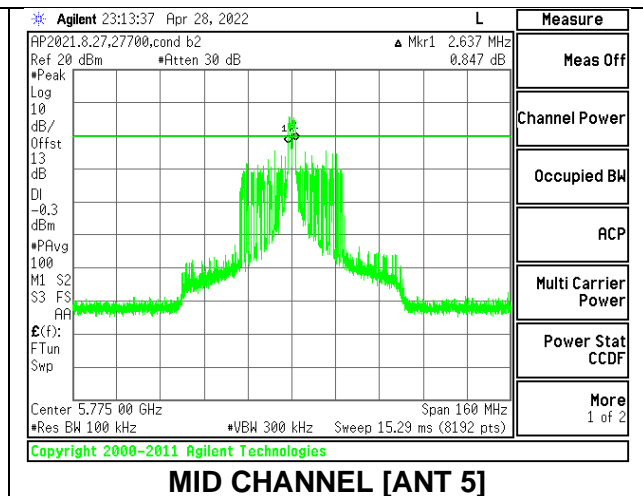
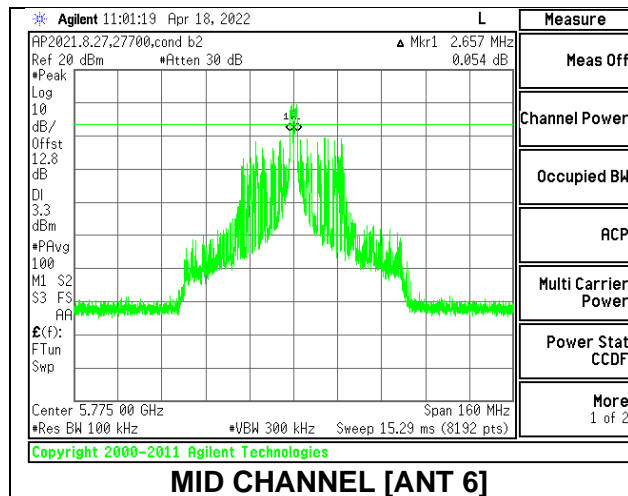
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 0

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	1.992	2.090	0.5



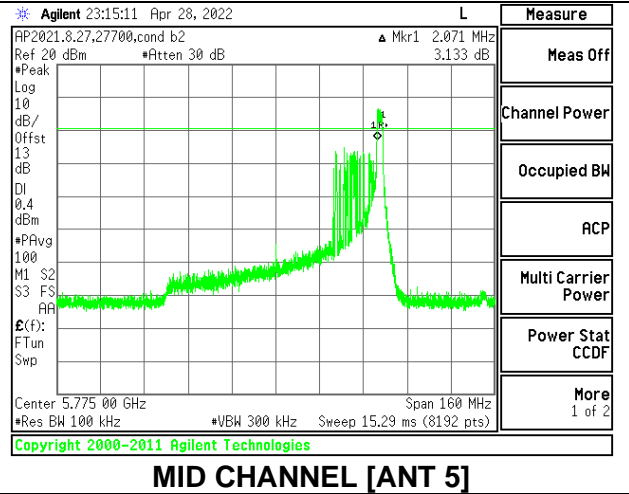
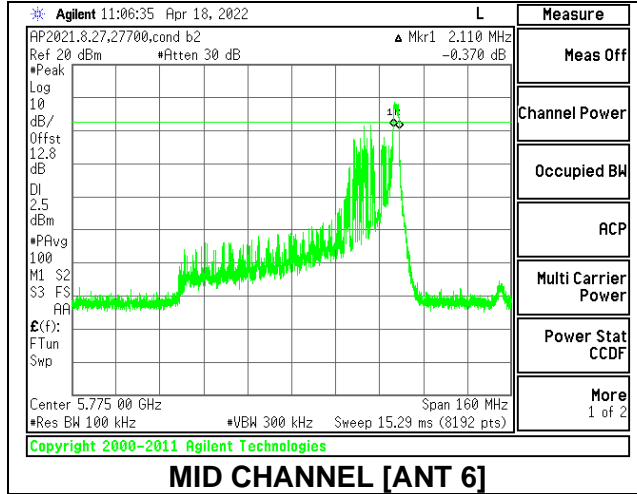
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 18

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.657	2.637	0.5



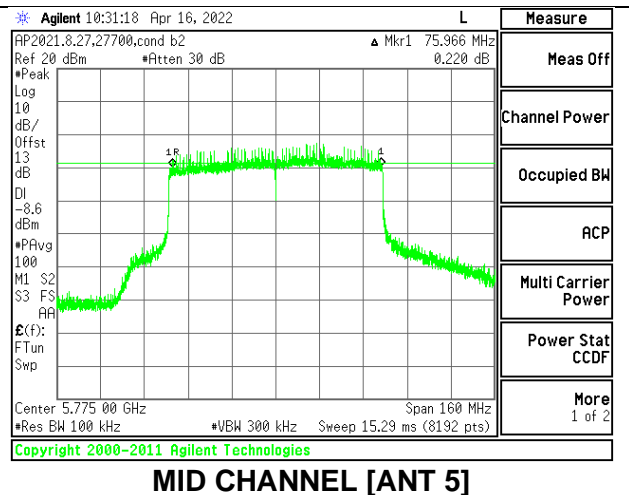
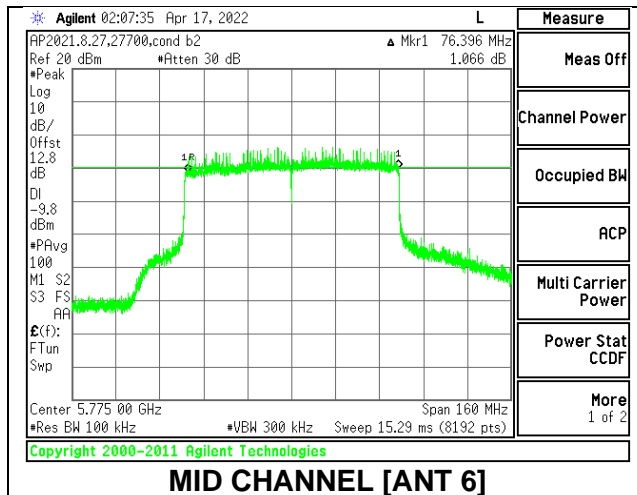
2TX Antenna 6 + Antenna 5 OFDMA MODE: 26 Tones, RU Index 36

Channel	Frequency (MHz)	6 dB Bandwidth Antenna 6 (MHz)	6 dB Bandwidth Antenna 5 (MHz)	Minimum Limit (MHz)
Mid	5775	2.110	2.071	0.5
138	5690	2.071	1.973	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)
Mid	5775	76.396	75.966	0.5
138	5690	3.921	3.823	0.5



9.4. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz (pick the section that applies to your product)

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

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

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

Band 5.725-5.85 GHz

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

TEST PROCEDURE

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

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

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

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

DIRECTIONAL ANTENNA GAIN

For 1 TX:

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

For 2 TX:

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

Band (GHz)	ANT 6 Gain (dBi)	ANT 5 Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2	-3.50	-3.10	-3.30	-0.29
5.3	-1.70	-1.70	-1.70	1.31
5.6	-1.60	-1.20	-1.40	1.61
5.8	-1.90	-2.40	-2.14	0.86

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=-3.5, Ant2=-3.10

Uncorrelated Antenna gain= $10 \log[(10^{(-3.5/10)} + 10^{(-3.1/10)})/2] = -3.3 \text{dBi}$

Correlated Antenna gain= $10 \log[(10^{(-3.5/20)} + 10^{(-3.1/20)})^2/2] = -0.29 \text{dBi}$

RESULTS

9.4.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE)

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-3.50	24.00	11.00
Mid	5200	-3.50	24.00	11.00
High	5240	-3.50	24.00	11.00

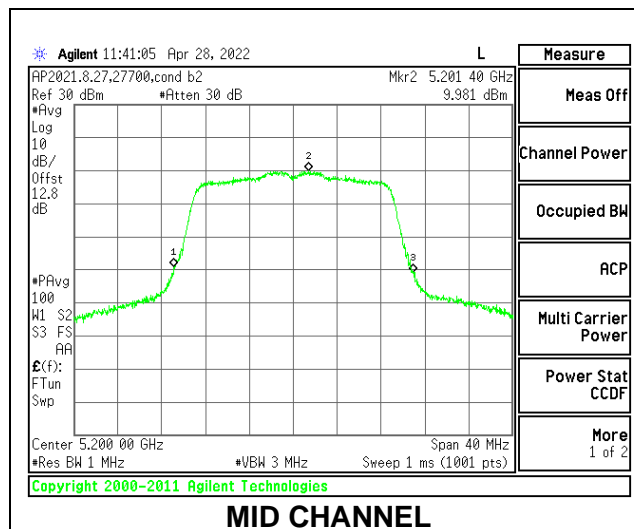
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.80	18.80	24.00	-5.20
Mid	5200	19.41	19.41	24.00	-4.59
High	5240	19.39	19.39	24.00	-4.61

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	9.087	9.227	11.00	-1.773
Mid	5200	9.981	10.121	11.00	-0.879
High	5240	10.292	10.432	11.00	-0.568



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.10	24.00	11.00
Mid	5200	-3.10	24.00	11.00
High	5240	-3.10	24.00	11.00

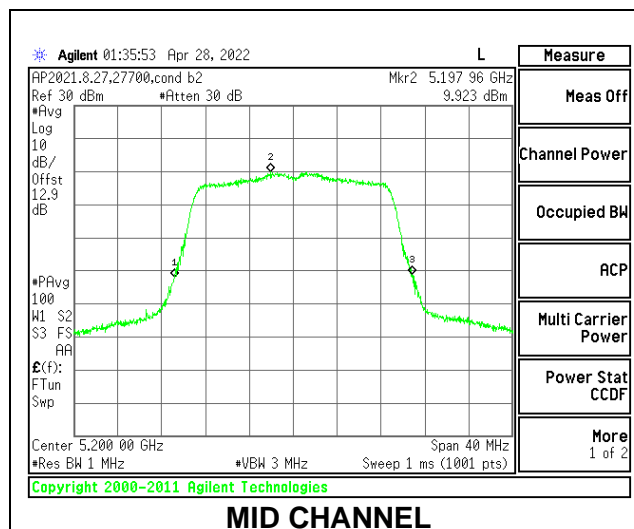
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.77	18.77	24.00	-5.23
Mid	5200	19.30	19.30	24.00	-4.70
High	5240	19.35	19.35	24.00	-4.65

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	5180	9.068	9.208	11.00	-1.792
Mid	5200	9.923	10.063	11.00	-0.937
High	5240	10.336	10.476	11.00	-0.524



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

Test Engineer:	27700
Test Date:	04/16/22,04/28/22

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	-3.30	-0.29	24.00	11.00
Mid	5200	-3.30	-0.29	24.00	11.00
High	5240	-3.30	-0.29	24.00	11.00

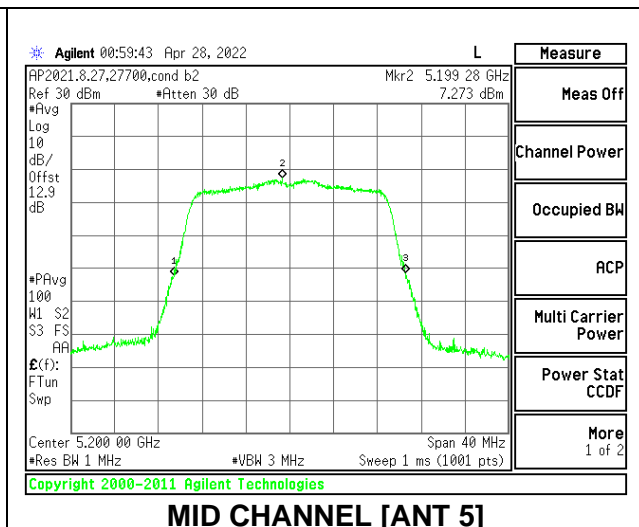
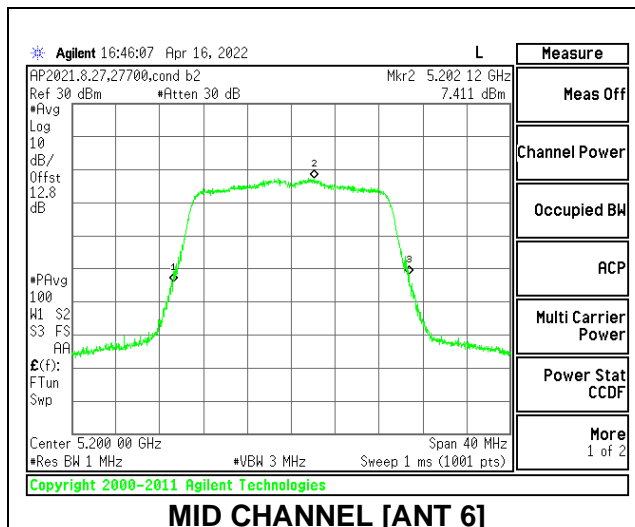
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.21	19.33	24.00	-4.67
Mid	5200	16.39	16.40	19.41	24.00	-4.59
High	5240	16.37	16.39	19.39	24.00	-4.61

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	5180	6.700	7.059	10.03	11.00	-0.966
Mid	5200	7.411	7.273	10.49	11.00	-0.507
High	5240	6.888	7.131	10.16	11.00	-0.839



9.4.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.50	24.00	11.00
High	5230	-3.50	24.00	11.00

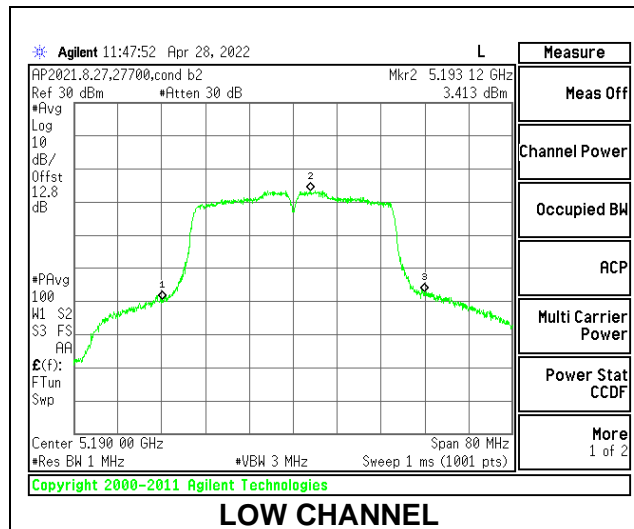
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.35	16.35	24.00	-7.65
High	5230	20.16	20.16	24.00	-3.84

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	3.413	3.623	11.00	-7.377
High	5230	7.317	7.527	11.00	-3.473



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.10	24.00	11.00
High	5230	-3.10	24.00	11.00

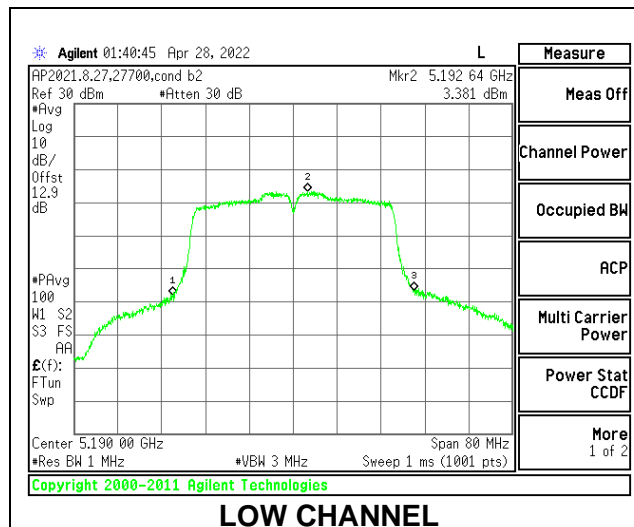
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.33	16.33	24.00	-7.67
High	5230	20.25	20.25	24.00	-3.75

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	3.381	3.591	11.00	-7.409
High	5230	7.522	7.732	11.00	-3.268



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	-3.30	-0.29	24.00	11.00
High	5230	-3.30	-0.29	24.00	11.00

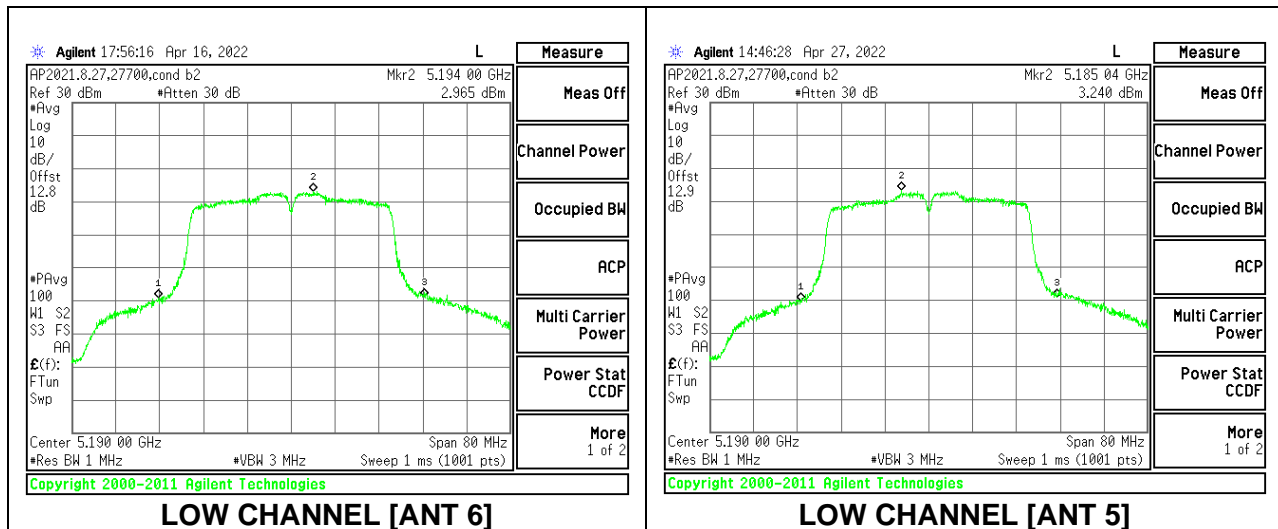
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.89	15.80	18.86	24.00	-5.14
High	5230	19.32	19.34	22.34	24.00	-1.66

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	2.965	3.240	6.32	11.00	-4.675
High	5230	6.322	6.459	9.61	11.00	-1.389



9.4.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	27700
Test Date:	04/16/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.50	24.00	11.00

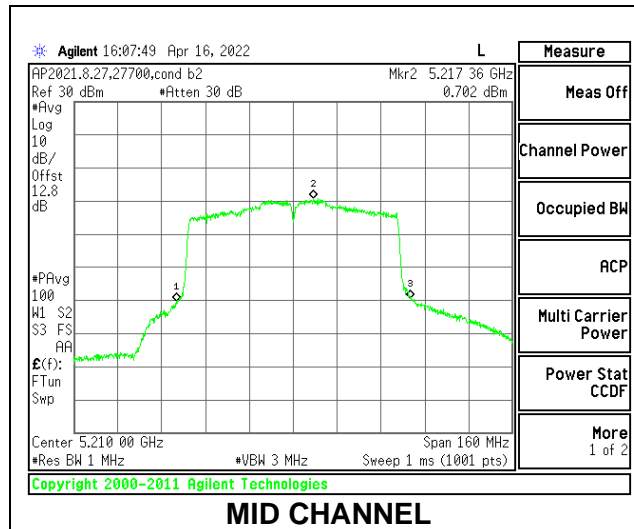
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.28	16.28	24.00	-7.72

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	0.702	1.05	11.00	-9.948



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.10	24.00	11.00

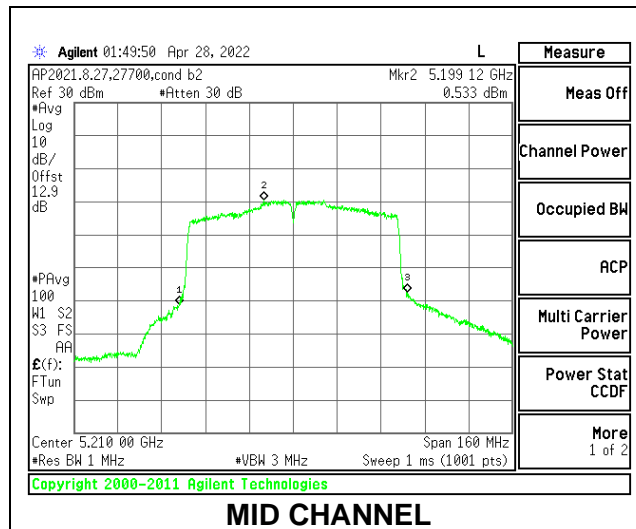
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.39	16.39	24.00	-7.61

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	0.533	0.88	11.00	-10.117



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	-3.30	-0.29	24.00	11.00

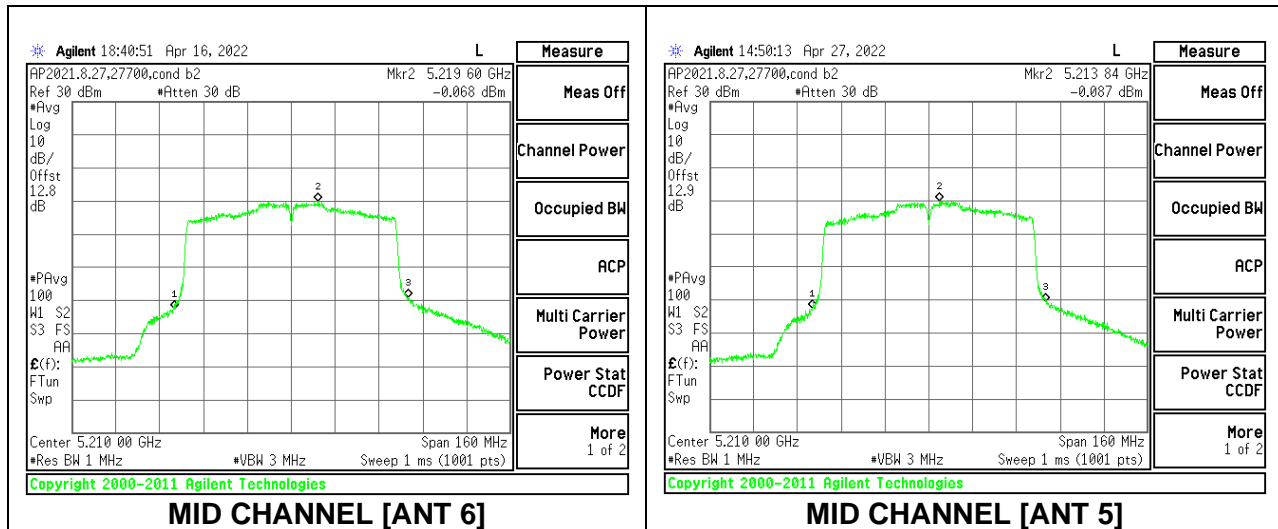
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.19	15.28	18.25	24.00	-5.75

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	-0.068	-0.087	3.28	11.00	-7.717



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:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.50	24.00	11.00
Mid	5200	-3.50	24.00	11.00
High	5240	-3.50	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	11.46	11.46	24.00	-12.54
Mid	5200	11.48	11.48	24.00	-12.52
High	5240	11.55	11.55	24.00	-12.45

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	9.604	9.604	11.00	-1.396
Mid	5200	9.633	9.633	11.00	-1.367
High	5240	10.121	10.121	11.00	-0.879



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.50	24.00	11.00
Mid	5200	-3.50	24.00	11.00
High	5240	-3.50	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	11.53	11.53	24.00	-12.47
Mid	5200	11.50	11.50	24.00	-12.50
High	5240	11.44	11.44	24.00	-12.56

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	8.958	8.958	11.00	-2.042
Mid	5200	8.828	8.828	11.00	-2.172
High	5240	8.673	8.673	11.00	-2.327



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.50	24.00	11.00
Mid	5200	-3.50	24.00	11.00
High	5240	-3.50	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	11.55	11.55	24.00	-12.45
Mid	5200	11.43	11.43	24.00	-12.57
High	5240	11.50	11.50	24.00	-12.50

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	9.788	9.788	11.00	-1.212
Mid	5200	9.796	9.796	11.00	-1.204
High	5240	9.759	9.759	11.00	-1.241



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

Test Engineer:	27700
Test Date:	04/16/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.50	24.00	11.00
Mid	5200	-3.50	24.00	11.00
High	5240	-3.50	24.00	11.00

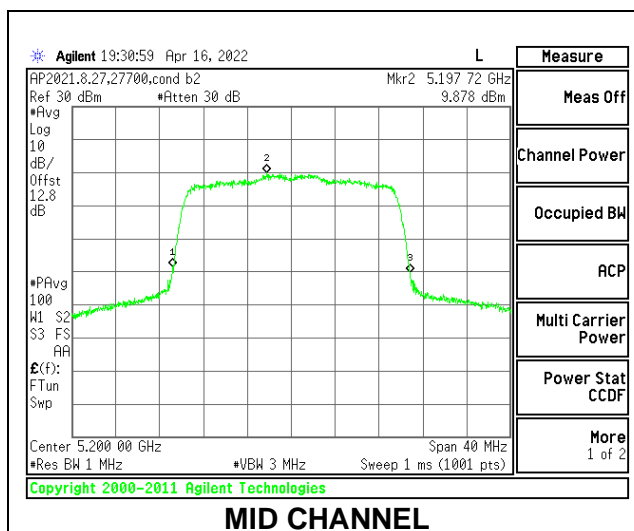
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	17.89	17.89	24.00	-6.11
Mid	5200	19.40	19.40	24.00	-4.60
High	5240	19.30	19.30	24.00	-4.70

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	7.858	7.958	11.00	-3.042
Mid	5200	9.878	9.978	11.00	-1.022
High	5240	9.795	9.895	11.00	-1.105



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.10	24.00	11.00
Mid	5200	-3.10	24.00	11.00
High	5240	-3.10	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	11.50	11.50	24.00	-12.50
Mid	5200	11.52	11.52	24.00	-12.48
High	5240	11.43	11.43	24.00	-12.57

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	5180	9.911	9.911	11.00	-1.089
Mid	5200	9.650	9.650	11.00	-1.350
High	5240	9.797	9.797	11.00	-1.203



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.10	24.00	11.00
Mid	5200	-3.10	24.00	11.00
High	5240	-3.10	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	11.49	11.49	24.00	-12.51
Mid	5200	11.45	11.45	24.00	-12.55
High	5240	11.51	11.51	24.00	-12.49

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	8.649	8.649	11.00	-2.351
Mid	5200	8.692	8.692	11.00	-2.308
High	5240	8.774	8.774	11.00	-2.226



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.10	24.00	11.00
Mid	5200	-3.10	24.00	11.00
High	5240	-3.10	24.00	11.00

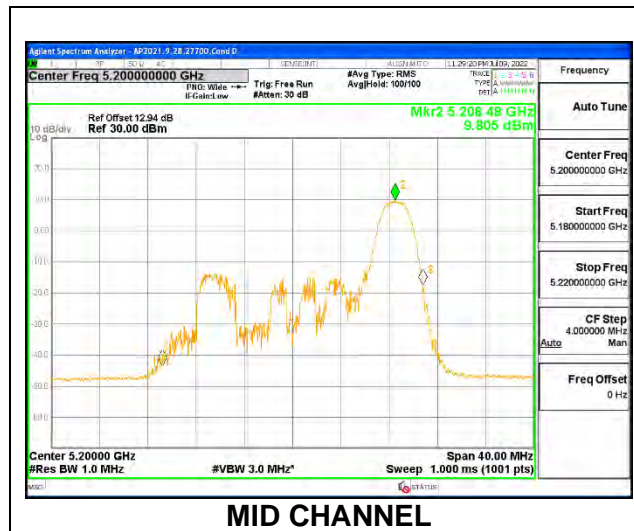
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.52	11.52	24.00	-12.48
Mid	5200	11.50	11.50	24.00	-12.50
High	5240	11.48	11.48	24.00	-12.52

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	9.766	9.766	11.00	-1.234
Mid	5200	9.805	9.805	11.00	-1.195
High	5240	9.733	9.733	11.00	-1.267



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

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-3.10	24.00	11.00
Mid	5200	-3.10	24.00	11.00
High	5240	-3.10	24.00	11.00

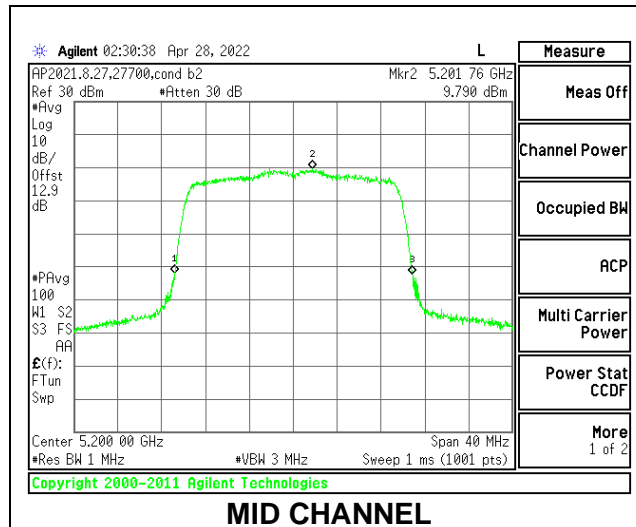
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	17.82	17.82	24.00	-6.18
Mid	5200	19.35	19.35	24.00	-4.65
High	5240	19.40	19.40	24.00	-4.60

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	5180	7.77	7.87	11.00	-3.129
Mid	5200	9.79	9.89	11.00	-1.110
High	5240	10.02	10.12	11.00	-0.880



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

Test Engineer:	27700
Test Date:	04/17/22,04/27/22

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	-3.30	-0.29	24.00	11.00
Mid	5200	-3.30	-0.29	24.00	11.00
High	5240	-3.30	-0.29	24.00	11.00

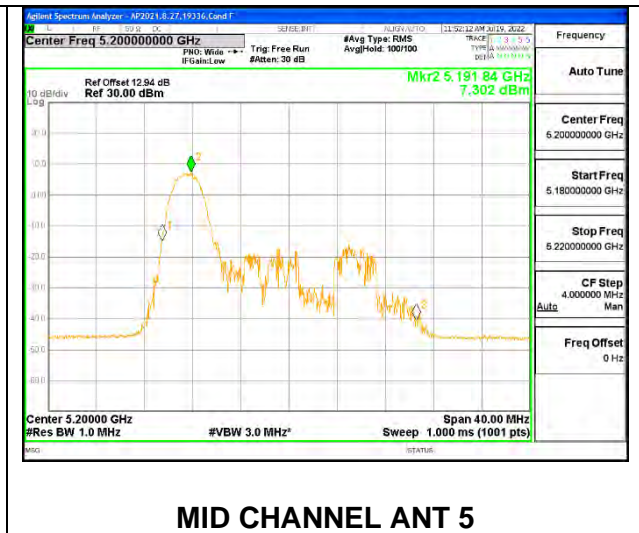
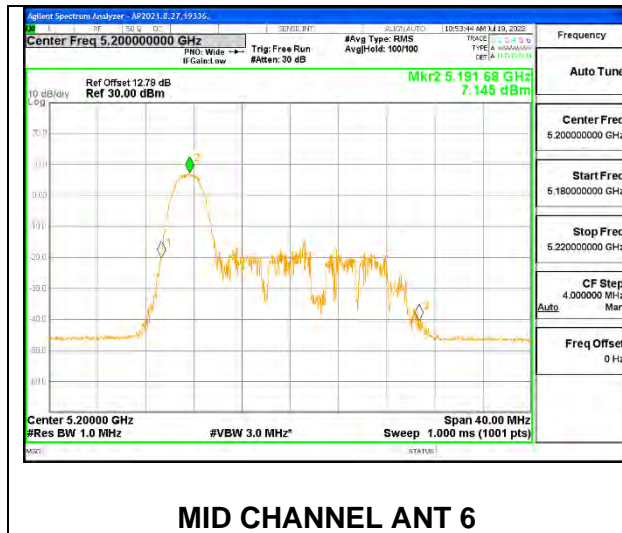
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.60	8.57	11.60	24.00	-12.40
Mid	5200	8.59	8.62	11.62	24.00	-12.38
High	5240	8.49	8.70	11.61	24.00	-12.39

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	7.202	7.286	10.255	11.00	-0.745
Mid	5200	7.145	7.302	10.235	11.00	-0.765
High	5240	6.936	7.161	10.060	11.00	-0.940



Test Engineer:	26118
Test Date:	07/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5180	17.605	-3.30	-0.29	22.46	25.76	10.00	10.29
Mid	5200	17.423	-3.30	-0.29	22.41	25.71	10.00	10.29
High	5240	17.761	-3.30	-0.29	22.49	25.79	10.00	10.29

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	7.78	7.75	10.78	25.76	-14.98
Mid	5200	7.80	7.90	10.86	25.71	-14.85
High	5240	7.65	7.80	10.74	25.79	-15.06

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	6.367	6.247	9.318	10.29	-0.972
Mid	5200	6.247	6.241	9.254	10.29	-1.036
High	5240	6.014	6.144	9.090	10.29	-1.200



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

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

Test Engineer:	27700
Test Date:	04/17/22,05/03/22

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	-3.30	-0.29	24.00	11.00
Mid	5200	-3.30	-0.29	24.00	11.00
High	5240	-3.30	-0.29	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	8.55	8.60	11.59	24.00	-12.41
Mid	5200	8.44	8.42	11.44	24.00	-12.56
High	5240	8.50	8.55	11.54	24.00	-12.46

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	5.849	6.091	8.982	11.00	-2.018
Mid	5200	5.771	5.923	8.858	11.00	-2.142
High	5240	5.911	6.104	9.019	11.00	-1.981



MID CHANNEL ANT 6



MID CHANNEL ANT 5

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

Test Engineer:	27700
Test Date:	04/17/22,04/27/22

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	-3.30	-0.29	24.00	11.00
Mid	5200	-3.30	-0.29	24.00	11.00
High	5240	-3.30	-0.29	24.00	11.00

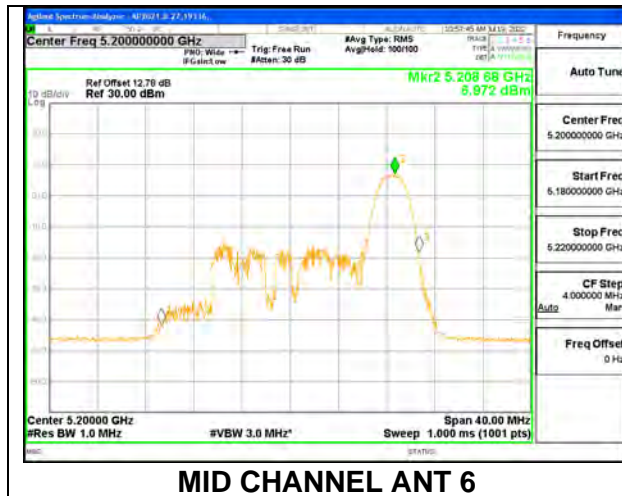
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.59	8.51	11.56	24.00	-12.44
Mid	5200	8.51	8.57	11.55	24.00	-12.45
High	5240	8.42	8.59	11.52	24.00	-12.48

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	7.146	7.178	10.172	11.00	-0.828
Mid	5200	6.972	7.193	10.094	11.00	-0.906
High	5240	6.915	7.010	9.973	11.00	-1.027



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	-3.30	-0.29	24.00	11.00
Mid	5200	-3.30	-0.29	24.00	11.00
High	5240	-3.30	-0.29	24.00	11.00

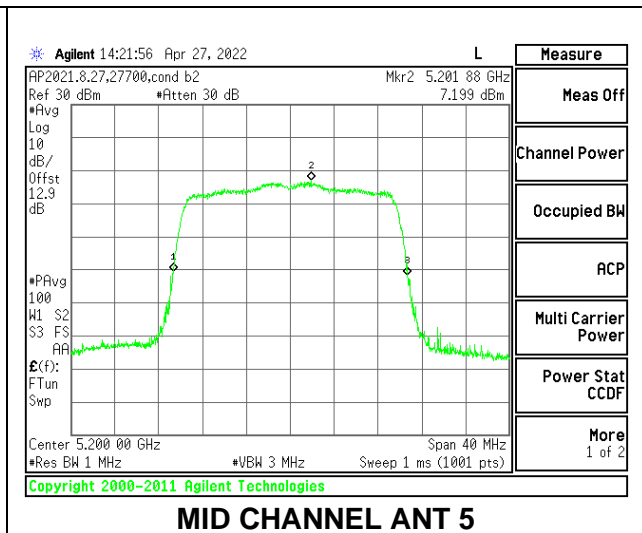
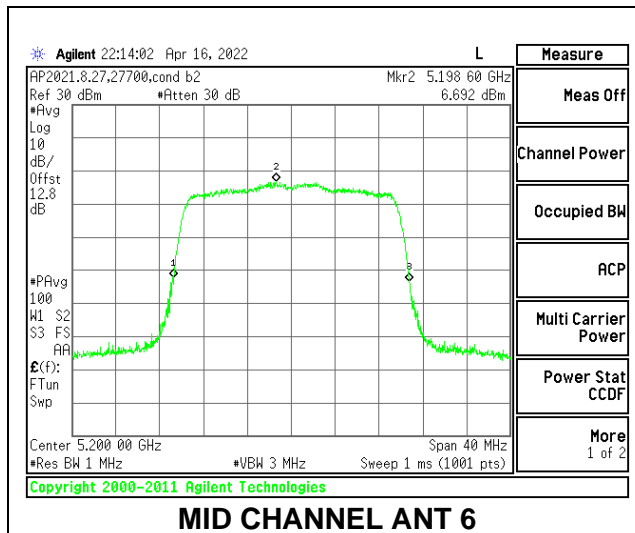
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.23	16.20	19.23	24.00	-4.77
Mid	5200	16.19	16.23	19.22	24.00	-4.78
High	5240	16.25	16.20	19.24	24.00	-4.76

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	6.89	6.73	9.920	11.00	-1.080
Mid	5200	6.69	7.20	10.063	11.00	-0.937
High	5240	6.83	6.75	9.900	11.00	-1.100



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:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.50	24.00	11.00
High	5230	-3.50	24.00	11.00

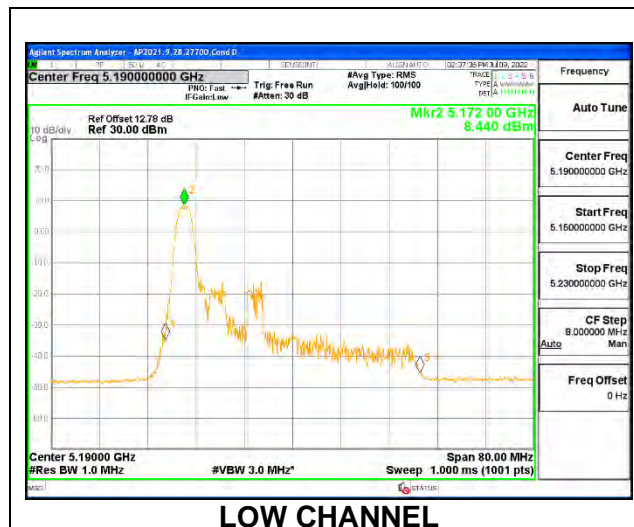
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.68	10.68	24.00	-13.32
High	5230	10.69	10.69	24.00	-13.31

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	8.440	8.440	11.00	-2.560
High	5230	8.427	8.427	11.00	-2.573



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.50	24.00	11.00
High	5230	-3.50	24.00	11.00

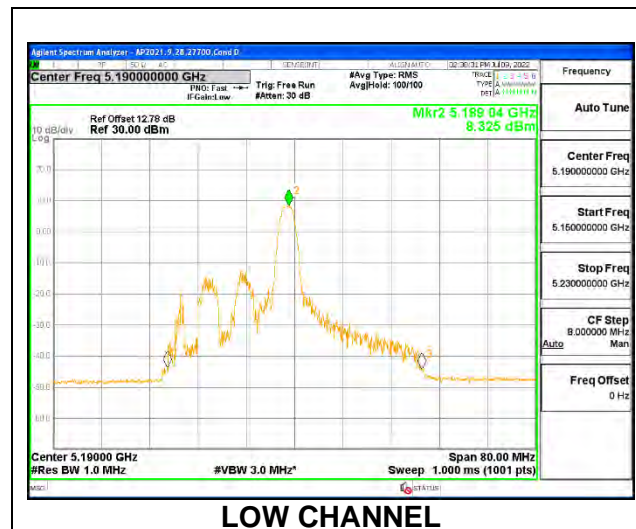
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.66	10.66	24.00	-13.34
High	5230	10.68	10.68	24.00	-13.32

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	8.325	8.325	11.00	-2.675
High	5230	8.331	8.331	11.00	-2.669



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.50	24.00	11.00
High	5230	-3.50	24.00	11.00

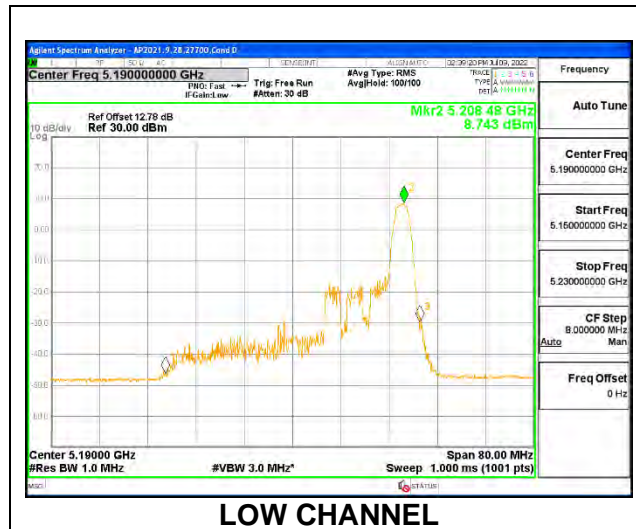
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.71	10.71	24.00	-13.29
High	5230	10.68	10.68	24.00	-13.32

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	8.743	8.743	11.00	-2.257
High	5230	8.433	8.433	11.00	-2.567



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

Test Engineer:	27700
Test Date:	04/16/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.50	24.00	11.00
High	5230	-3.50	24.00	11.00

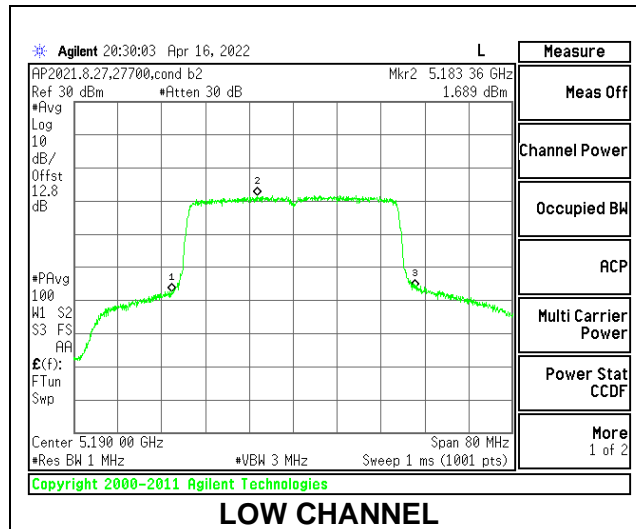
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.89	15.89	24.00	-8.11
High	5230	20.23	20.23	24.00	-3.77

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	5190	1.689	1.819	11.00	-9.181
High	5230	6.167	6.297	11.00	-4.703



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.10	24.00	11.00
High	5230	-3.10	24.00	11.00

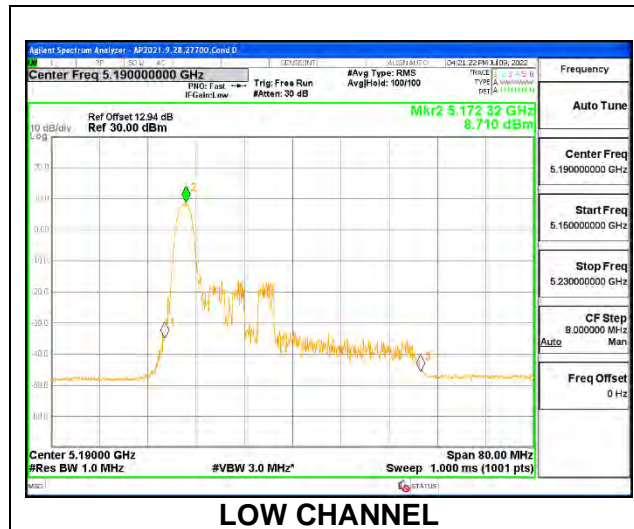
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.77	10.77	24.00	-13.23
High	5230	10.75	10.75	24.00	-13.25

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	8.710	8.710	11.00	-2.290
High	5230	8.719	8.719	11.00	-2.281



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.10	24.00	11.00
High	5230	-3.10	24.00	11.00

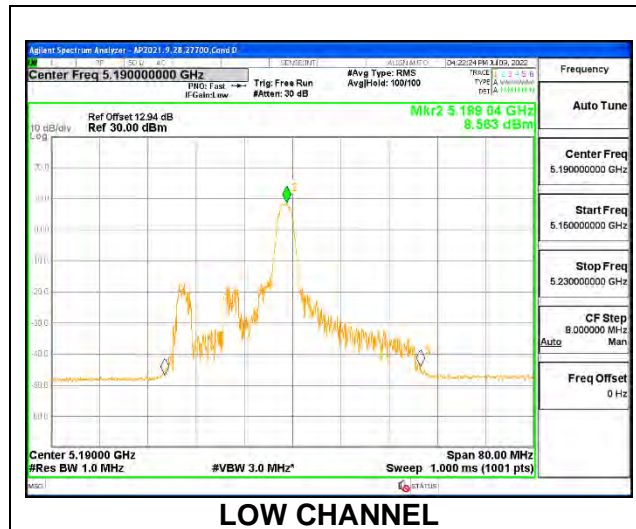
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.73	10.73	24.00	-13.27
High	5230	10.75	10.75	24.00	-13.25

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	8.583	8.583	11.00	-2.417
High	5230	8.600	8.600	11.00	-2.400



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.10	24.00	11.00
High	5230	-3.10	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	10.65	10.65	24.00	-13.35
High	5230	10.62	10.62	24.00	-13.38

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	8.565	8.565	11.00	-2.435
High	5230	8.188	8.188	11.00	-2.812



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

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.10	24.00	11.00
High	5230	-3.10	24.00	11.00

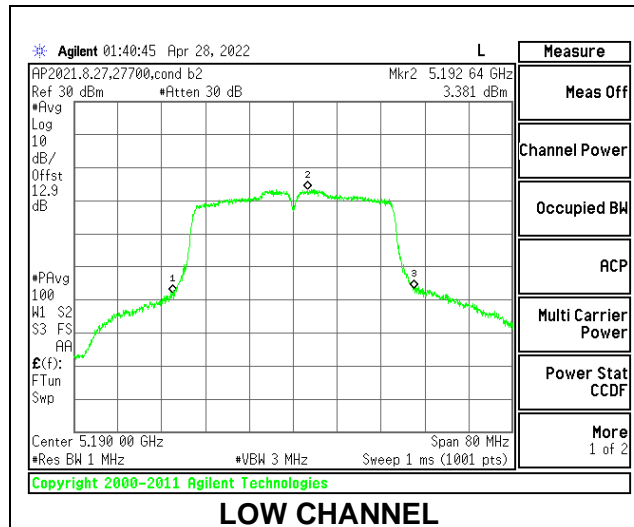
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.88	15.88	24.00	-8.12
High	5230	20.19	20.19	24.00	-3.81

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	5190	3.381	3.511	11.00	-7.489
High	5230	6.003	6.133	11.00	-4.867



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	-3.30	-0.29	24.00	11.00
High	5230	-3.30	-0.29	24.00	11.00

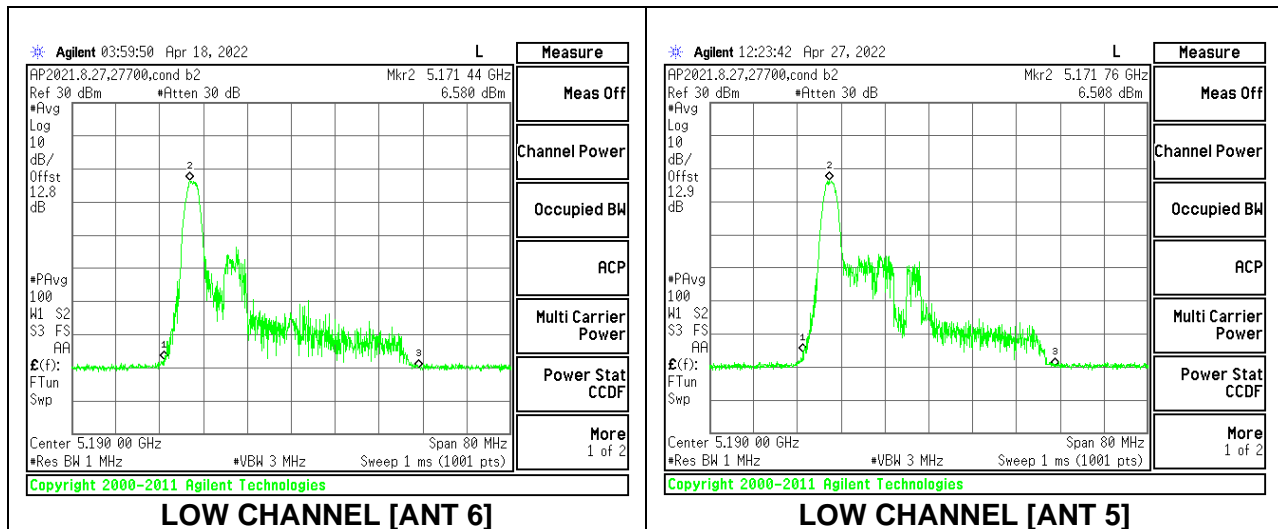
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.60	8.59	11.61	24.00	-12.39
High	5230	8.55	8.47	11.52	24.00	-12.48

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	6.580	6.508	9.554	11.00	-1.446
High	5230	6.495	6.155	9.339	11.00	-1.661



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

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	-3.30	-0.29	24.00	11.00
High	5230	-3.30	-0.29	24.00	11.00

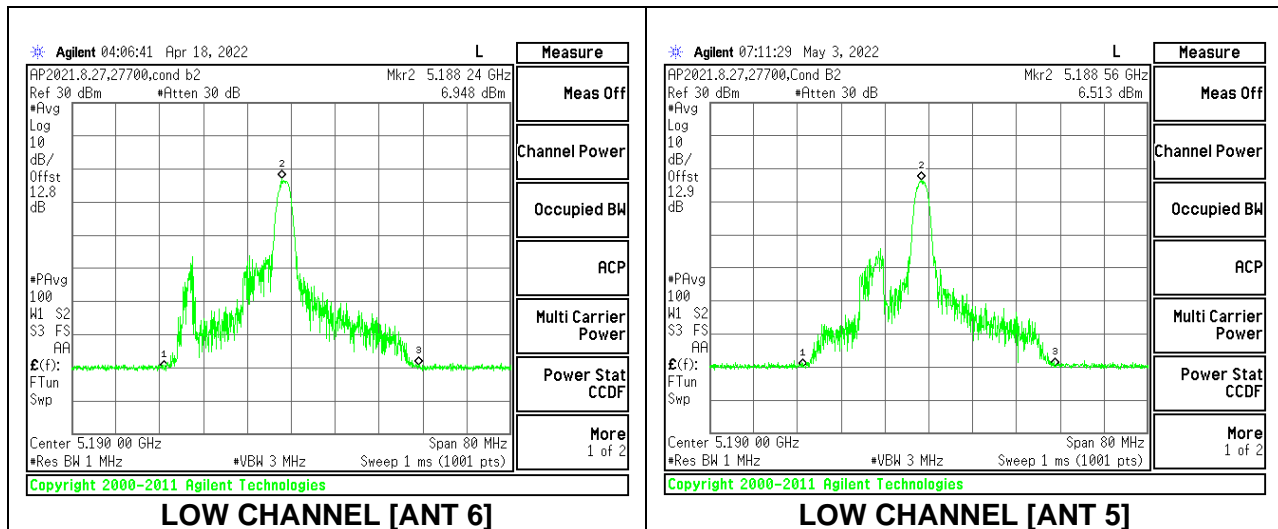
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.59	8.50	11.56	24.00	-12.44
High	5230	8.37	8.45	11.42	24.00	-12.58

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	5190	6.948	6.513	9.746	11.00	-1.254
High	5230	6.271	6.464	9.379	11.00	-1.621



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	-3.30	-0.29	24.00	11.00
High	5230	-3.30	-0.29	24.00	11.00

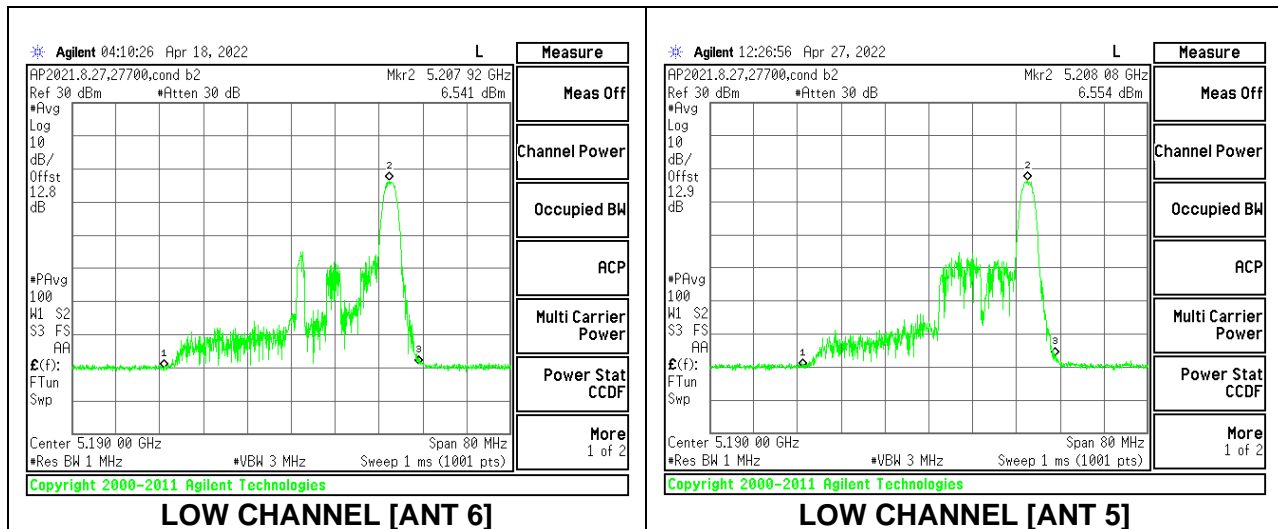
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.59	8.57	11.59	24.00	-12.41
High	5230	8.45	8.60	11.54	24.00	-12.46

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	6.541	6.554	9.558	11.00	-1.442
High	5230	6.498	6.349	9.434	11.00	-1.566



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

Test Engineer:	27700
Test Date:	04/16/22,05/03/22

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	-3.30	-0.29	24.00	11.00
High	5230	-3.30	-0.29	24.00	11.00

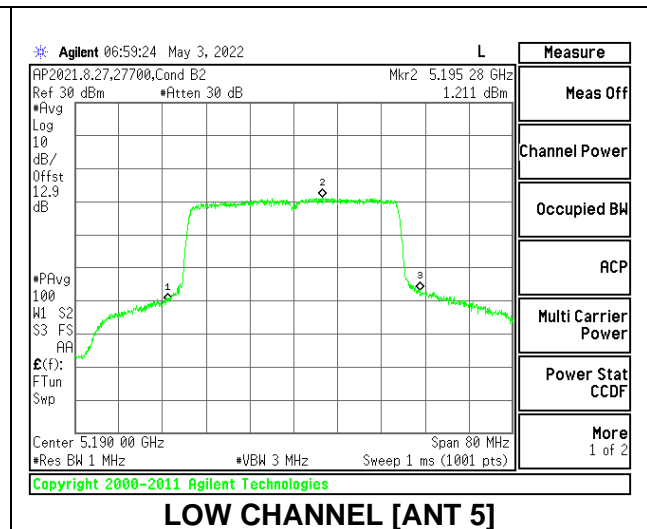
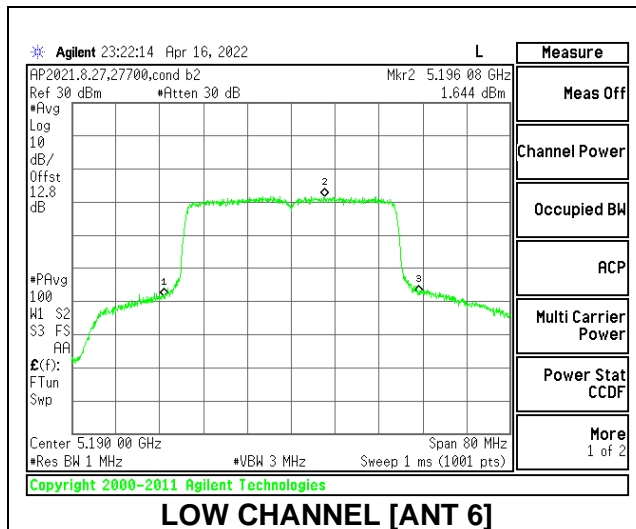
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.29	15.26	18.29	24.00	-5.71
High	5230	19.19	19.25	22.23	24.00	-1.77

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	1.644	1.211	4.573	11.00	-6.427
High	5230	5.282	5.108	8.336	11.00	-2.664



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:	27700
Test Date:	07/08/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.50	24.00	11.00

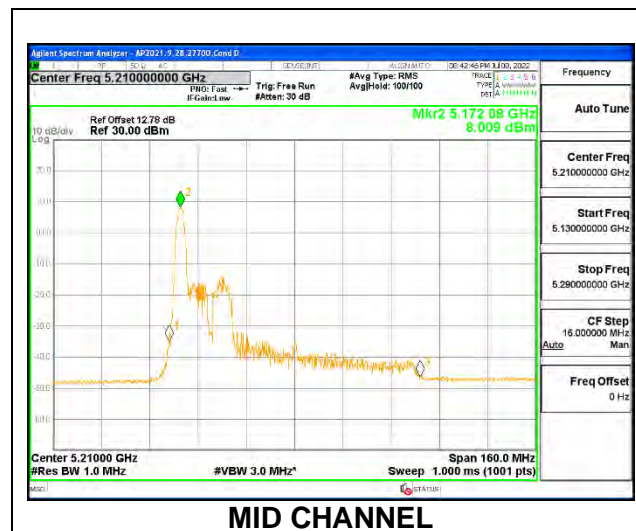
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.68	10.68	24.00	-13.32

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	8.009	8.009	11.00	-2.991



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.50	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	10.74	10.74	24.00	-13.26

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.662	7.662	11.00	-3.338



MID CHANNEL

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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.50	24.00	11.00

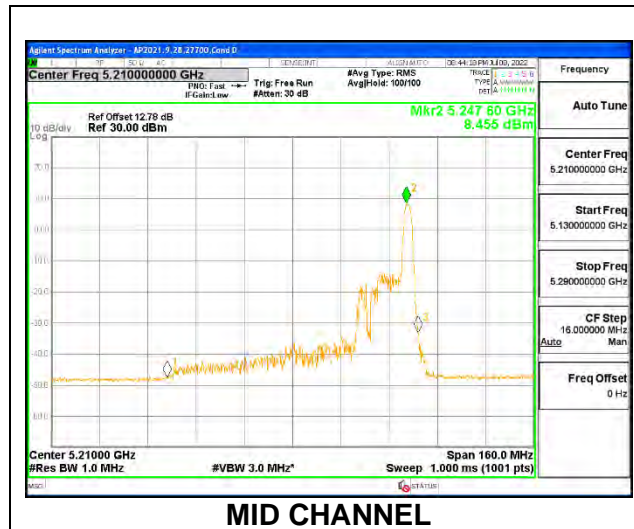
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.71	10.71	24.00	-13.29

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	8.455	8.455	11.00	-2.545



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

Test Engineer:	27700
Test Date:	04/16/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.50	24.00	11.00

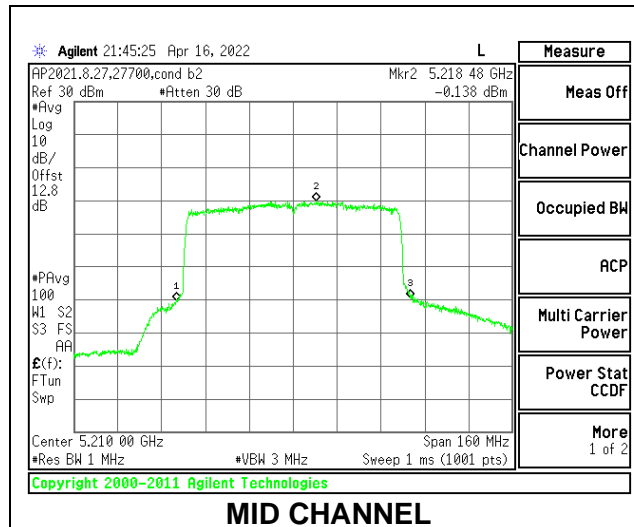
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.15	16.15	24.00	-7.85

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	-0.138	0.122	11.00	-10.878



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.10	24.00	11.00

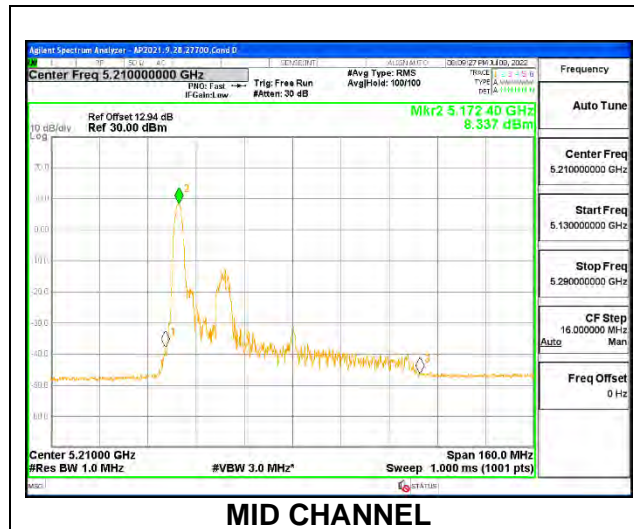
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.76	10.76	24.00	-13.24

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	8.337	8.337	11.00	-2.663



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.10	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	10.70	10.70	24.00	-13.30

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.503	7.503	11.00	-3.497



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.10	24.00	11.00

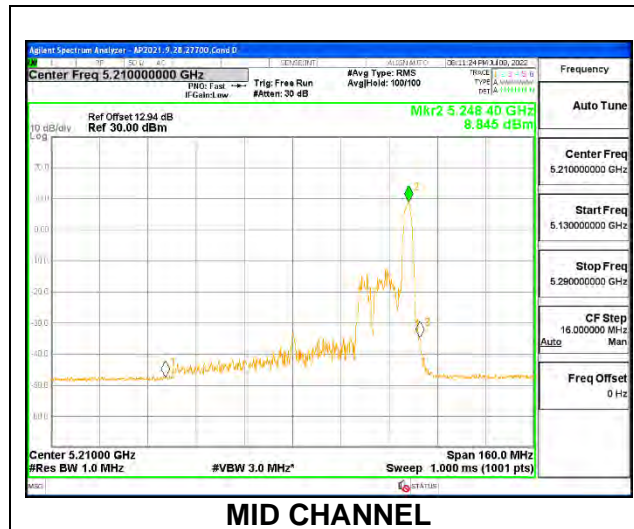
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.76	10.76	24.00	-13.24

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	8.845	8.845	11.00	-2.155



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

Test Engineer:	27700
Test Date:	04/28/22

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.10	24.00	11.00

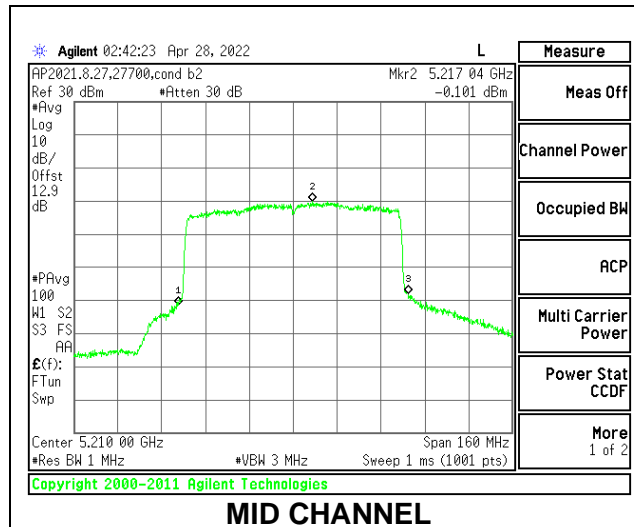
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.22	16.22	24.00	-7.78

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	-0.101	0.159	11.00	-10.841



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	-3.30	-0.29	24.00	11.00

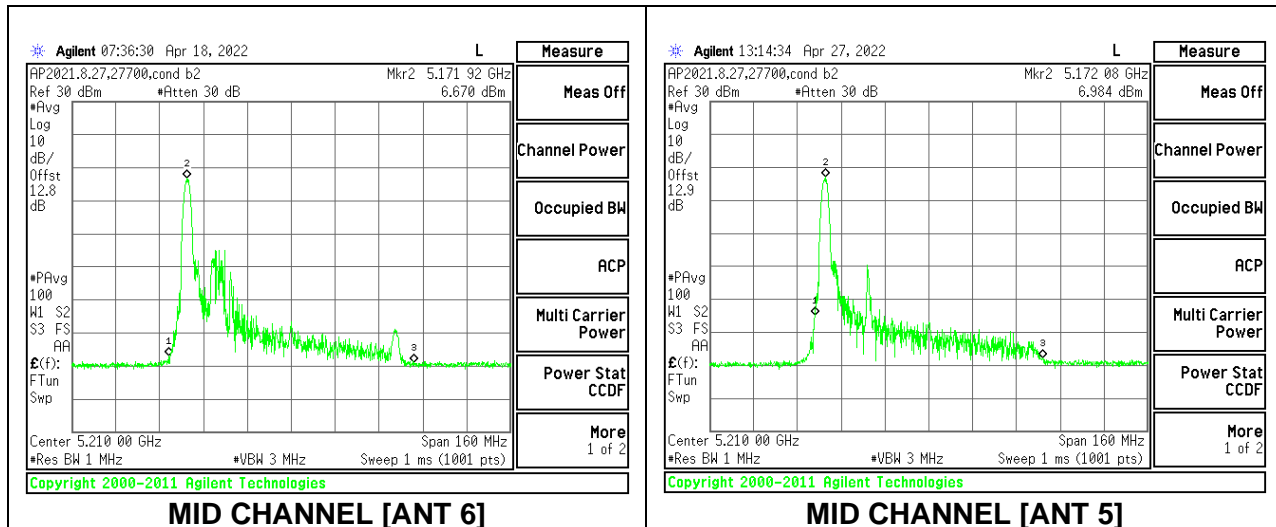
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.40	8.60	11.51	24.00	-12.49

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	6.670	6.984	9.840	11.00	-1.160



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	-3.30	-0.29	24.00	11.00

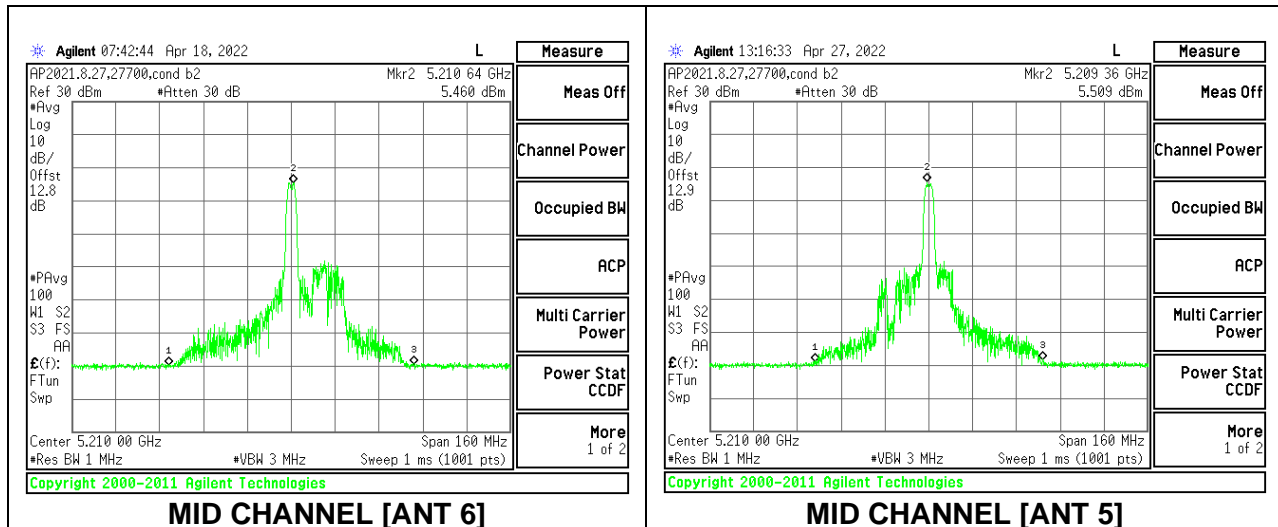
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.59	8.60	11.61	24.00	-12.39

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	5.460	5.509	8.495	11.00	-2.505



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

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	-3.30	-0.29	24.00	11.00

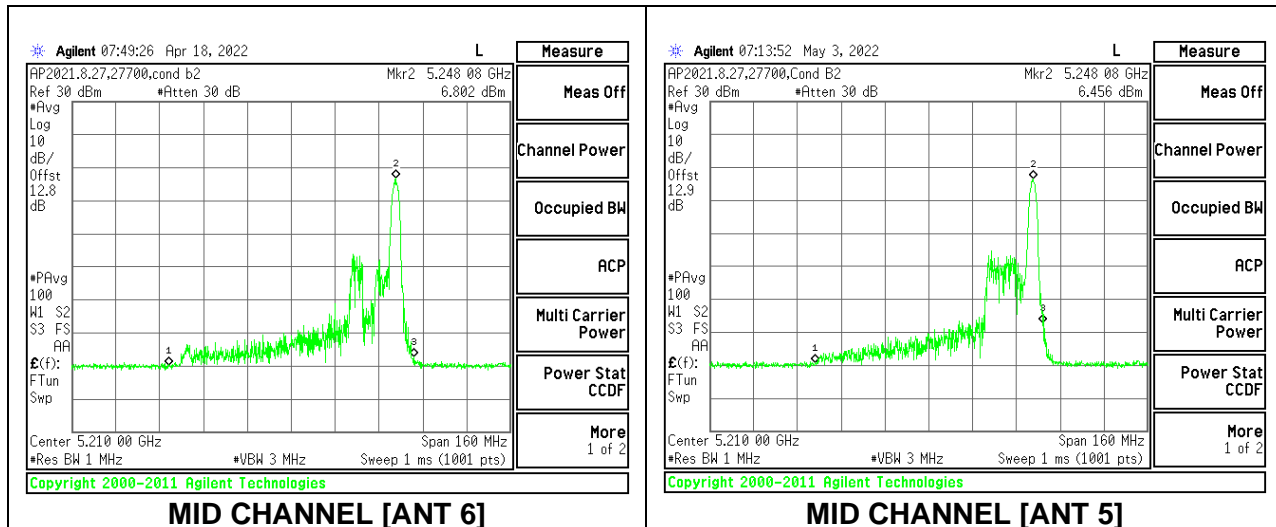
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.60	8.40	11.51	24.00	-12.49

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	6.802	6.456	9.643	11.00	-1.357



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

Test Engineer:	27700
Test Date:	04/17/22,04/27/22

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	-3.30	-0.29	24.00	11.00

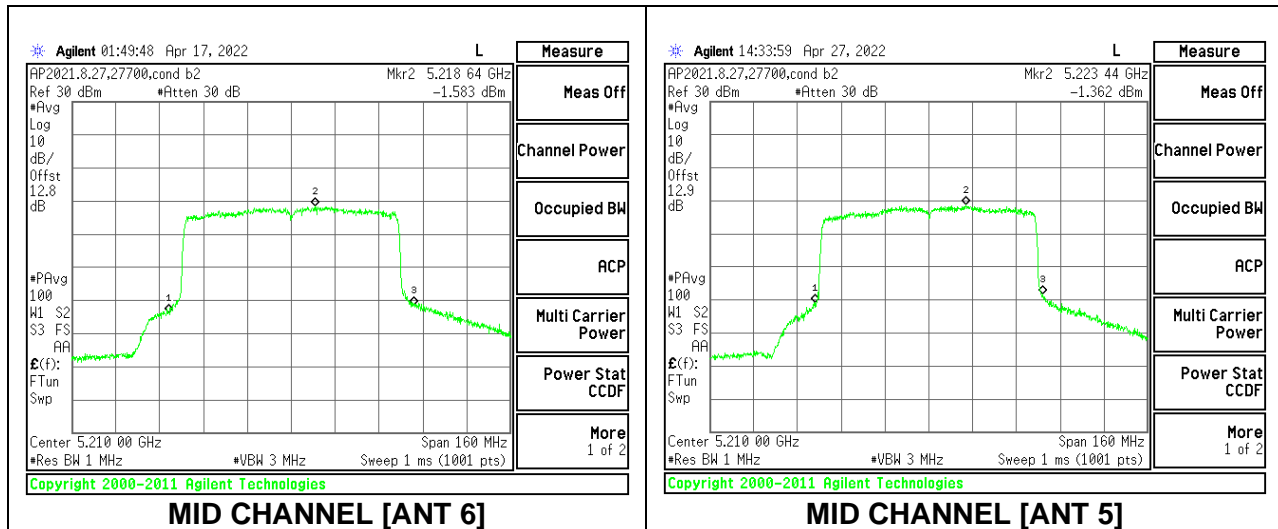
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.15	15.21	18.19	24.00	-5.81

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	-1.583	-1.362	1.799	11.00	-9.201



9.4.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	27700
Test Date:	04/28/22

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	21.00	-1.70	24.00	11.00
Mid	5300	20.85	-1.70	24.00	11.00
High	5320	21.09	-1.70	24.00	11.00

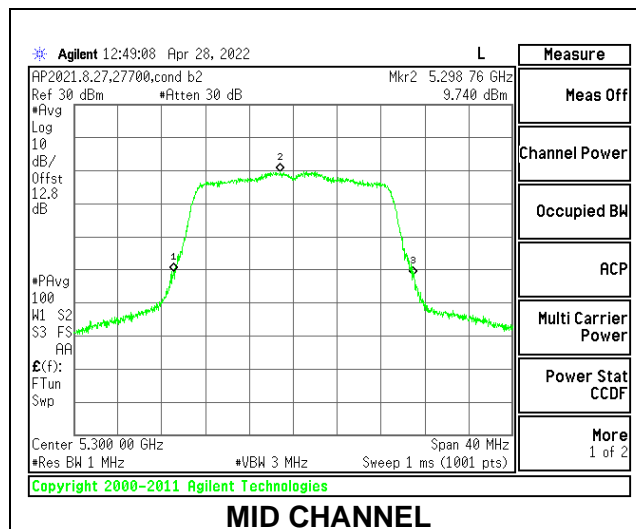
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.22	19.22	24.00	-4.78
Mid	5300	19.19	19.19	24.00	-4.81
High	5320	18.90	18.90	24.00	-5.10

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	5260	9.951	10.091	11.00	-0.909
Mid	5300	9.740	9.880	11.00	-1.120
High	5320	8.857	8.997	11.00	-2.003



1TX Antenna 5 MODE (FCC)

Test Engineer:	27700
Test Date:	04/28/22

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	20.85	-1.70	24.00	11.00
Mid	5300	20.77	-1.70	24.00	11.00
High	5320	21.07	-1.70	24.00	11.00

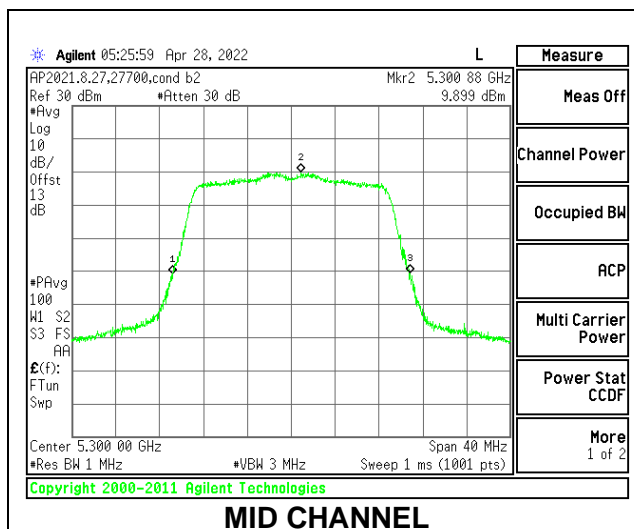
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.25	19.25	24.00	-4.75
Mid	5300	19.23	19.23	24.00	-4.77
High	5320	18.95	18.95	24.00	-5.05

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	5260	10.270	10.410	11.00	-0.590
Mid	5300	9.899	10.039	11.00	-0.961
High	5320	9.199	9.339	11.00	-1.661



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

Test Engineer:	27700
Test Date:	04/16/22,04/28/22

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	20.56	-1.70	1.31	24.00	11.00
Mid	5300	20.77	-1.70	1.31	24.00	11.00
High	5320	21.06	-1.70	1.31	24.00	11.00

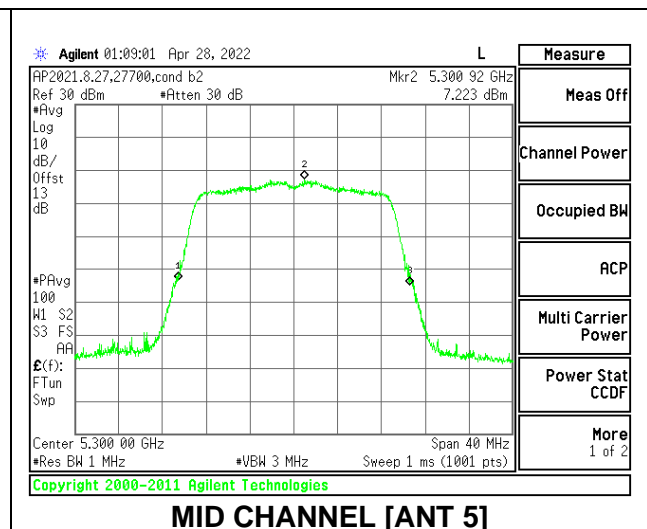
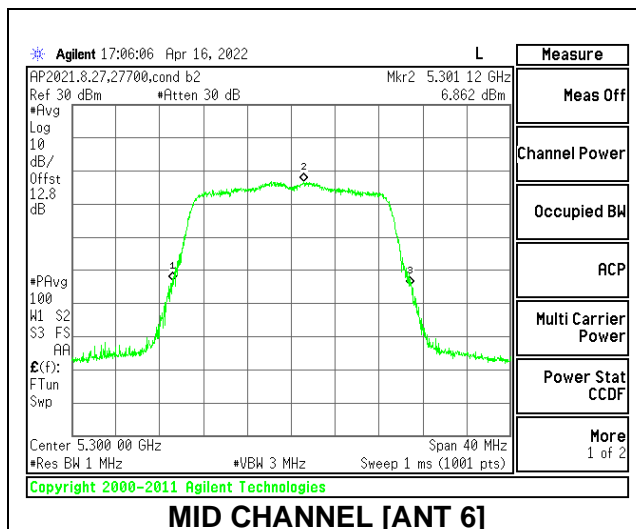
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.24	16.16	19.21	24.00	-4.79
Mid	5300	16.21	16.13	19.18	24.00	-4.82
High	5320	16.25	16.20	19.24	24.00	-4.76

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.214	7.046	10.281	11.00	-0.719
Mid	5300	6.862	7.223	10.197	11.00	-0.803
High	5320	7.369	7.181	10.426	11.00	-0.574



9.4.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	27700
Test Date:	04/28/22

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	-1.70	24.00	11.00
High	5310	42.20	-1.70	24.00	11.00

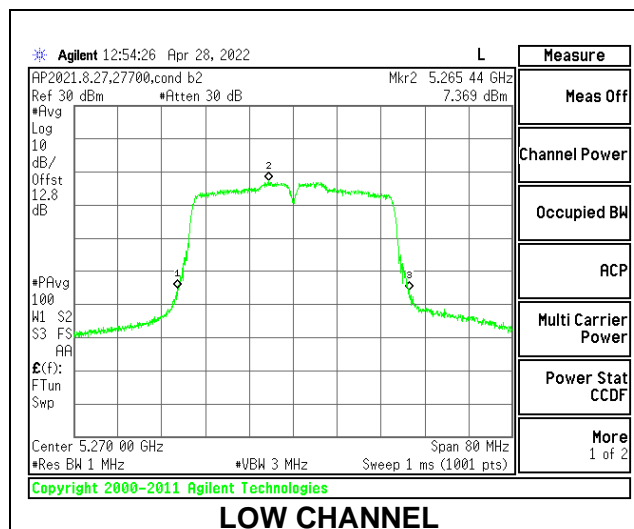
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.22	20.22	24.00	-3.78
High	5310	16.66	16.66	24.00	-7.34

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	7.369	7.579	11.00	-3.421
High	5310	4.029	4.239	11.00	-6.761



1TX Antenna 5 MODE (FCC)

Test Engineer:	28161
Test Date:	07/13/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.84	-1.70	24.00	11.00
High	5310	41.97	-1.70	24.00	11.00

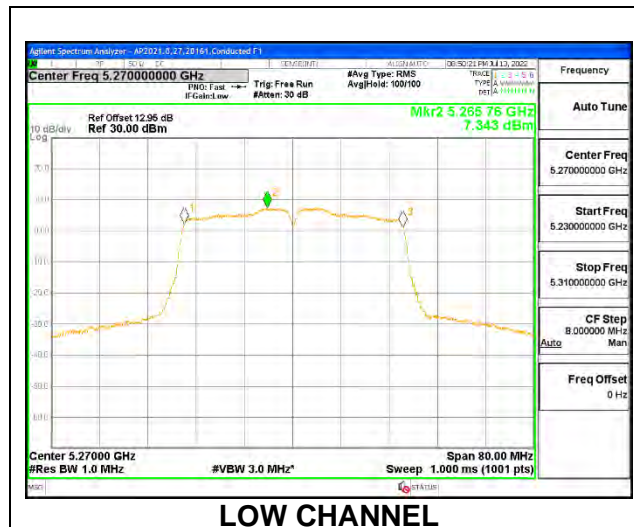
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.19	20.19	24.00	-3.81
High	5310	16.74	16.74	24.00	-7.26

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	7.343	7.553	11.00	-3.447
High	5310	4.408	4.408	11.00	-6.592



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	40.99	-1.70	1.31	24.00	11.00
High	5310	41.74	-1.70	1.31	24.00	11.00

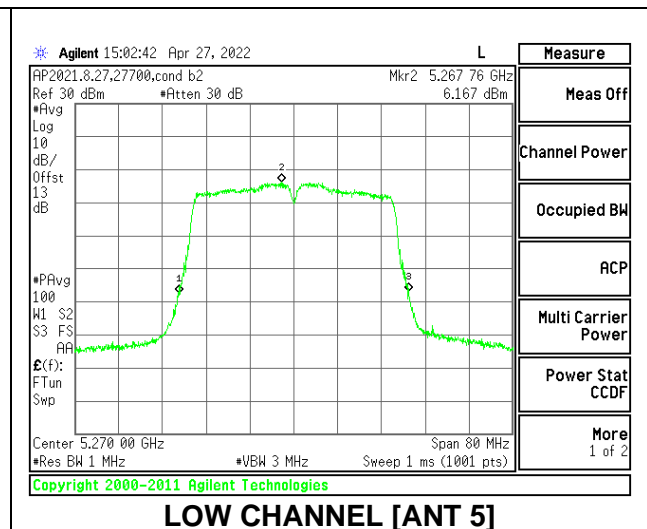
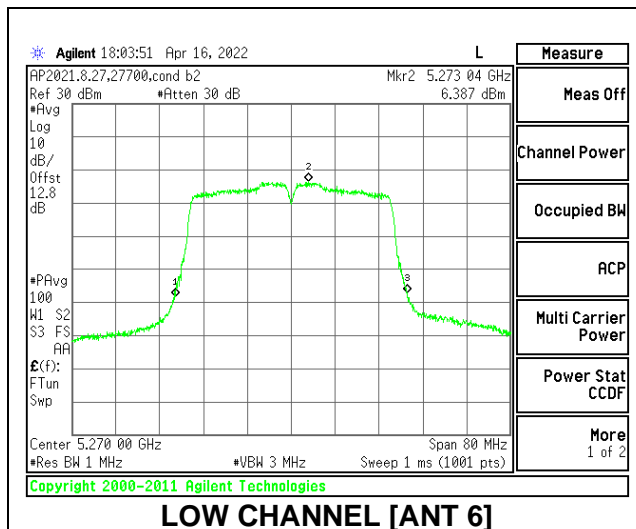
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

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	19.23	19.19	22.22	24.00	-1.78
High	5310	15.18	15.22	18.21	24.00	-5.79

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	5270	6.387	6.167	9.499	11.00	-1.501
High	5310	2.286	2.661	5.698	11.00	-5.302



9.4.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	27700
Test Date:	04/16/22

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	82.52	-1.70	24.00	11.00

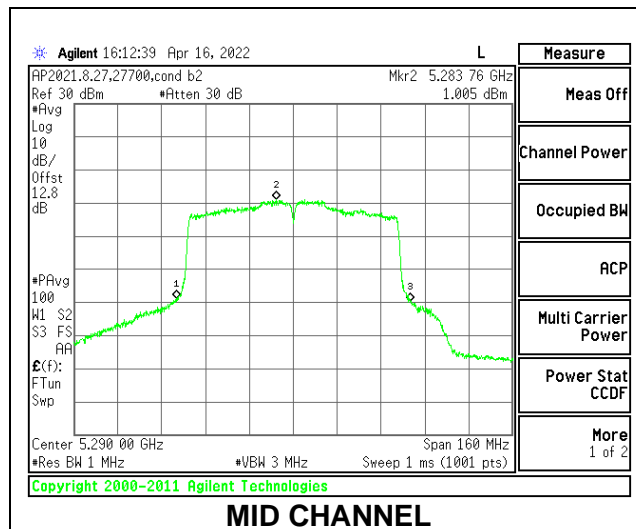
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.65	16.65	24.00	-7.35

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	1.005	1.355	11.00	-9.645



1TX Antenna 5 MODE (FCC)

Test Engineer:	27700
Test Date:	04/28/22

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	84.12	-1.70	24.00	11.00

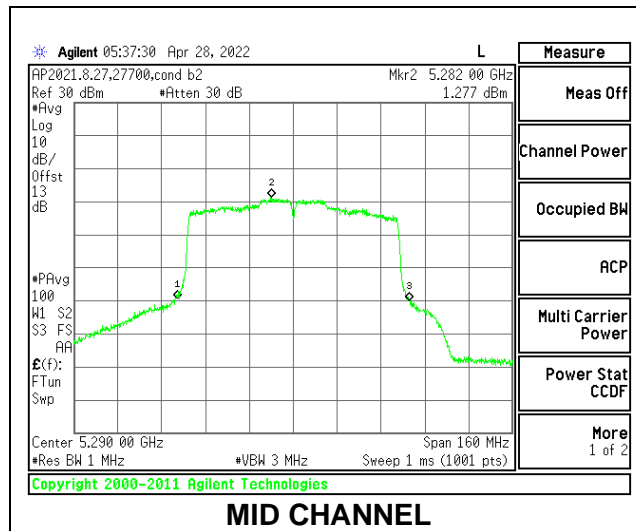
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.75	16.75	24.00	-7.25

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	1.277	1.627	11.00	-9.373



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

Test Engineer:	19232,27700
Test Date:	06/07/22,04/27/22

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	81.70	-1.70	1.31	24.00	11.00

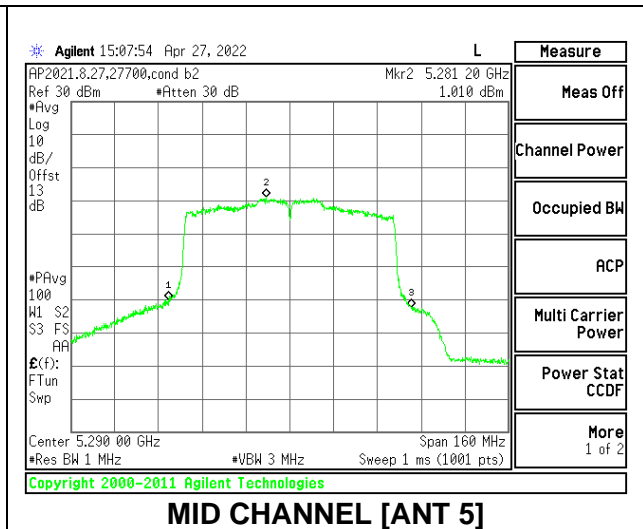
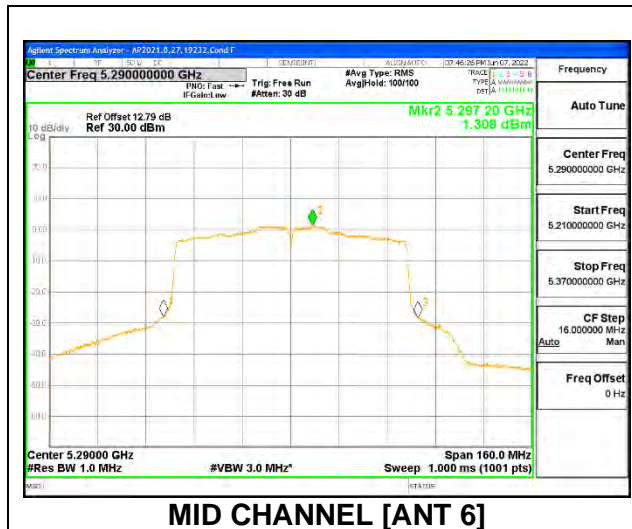
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.23	16.17	19.21	24.00	-4.79

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)
Mid	5290	1.308	1.010	4.522	11.00	-6.478



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:	27700
Test Date:	07/09/2022

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	18.50	-1.70	23.67	11.00
Mid	5300	19.28	-1.70	23.85	11.00
High	5320	20.09	-1.70	24.00	11.00

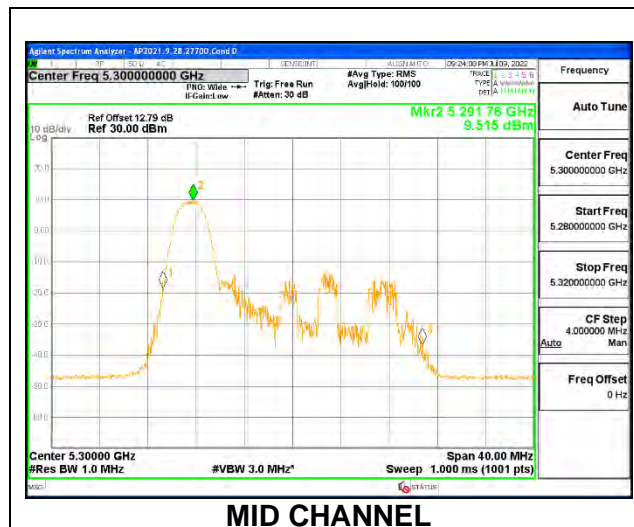
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.49	11.49	23.67	-12.18
Mid	5300	11.45	11.45	23.85	-12.40
High	5320	11.43	11.43	24.00	-12.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.553	9.553	11.00	-1.447
Mid	5300	9.515	9.515	11.00	-1.485
High	5320	9.436	9.436	11.00	-1.564



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

Test Engineer:	27700
Test Date:	07/09/2022

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	-1.70	23.84	11.00
Mid	5300	19.34	-1.70	23.86	11.00
High	5320	19.30	-1.70	23.86	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	11.50	11.50	23.84	-12.34
Mid	5300	11.54	11.54	23.86	-12.32
High	5320	11.45	11.45	23.86	-12.41

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	5260	8.870	8.870	11.00	-2.130
Mid	5300	8.943	8.943	11.00	-2.057
High	5320	8.538	8.538	11.00	-2.462



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

Test Engineer:	27700
Test Date:	07/09/2022

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	19.64	-1.70	23.93	11.00
Mid	5300	20.35	-1.70	24.00	11.00
High	5320	20.15	-1.70	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	11.52	11.52	23.93	-12.41
Mid	5300	11.55	11.55	24.00	-12.45
High	5320	11.51	11.51	24.00	-12.49

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	9.547	9.547	11.00	-1.453
Mid	5300	10.162	10.162	11.00	-0.838
High	5320	9.609	9.609	11.00	-1.391



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/16/22

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.84	-1.70	24.00	11.00
Mid	5300	20.99	-1.70	24.00	11.00
High	5320	21.13	-1.70	24.00	11.00

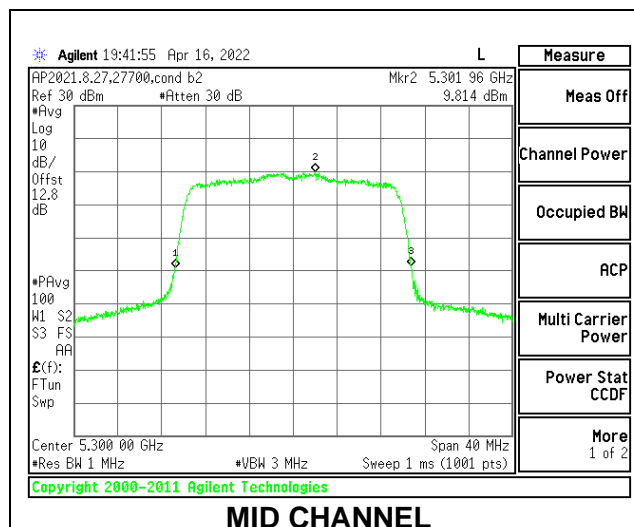
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.43	19.43	24.00	-4.57
Mid	5300	19.41	19.41	24.00	-4.59
High	5320	17.65	17.65	24.00	-6.35

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	9.831	9.931	11.00	-1.069
Mid	5300	9.814	9.914	11.00	-1.086
High	5320	7.641	7.741	11.00	-3.259



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

Test Engineer:	27700
Test Date:	07/09/2022

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	18.91	-1.70	23.77	11.00
Mid	5300	19.60	-1.70	23.92	11.00
High	5320	19.98	-1.70	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	11.55	11.55	23.77	-12.22
Mid	5300	11.51	11.51	23.92	-12.41
High	5320	11.48	11.48	24.00	-12.52

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	9.807	9.807	11.00	-1.193
Mid	5300	9.689	9.689	11.00	-1.311
High	5320	9.489	9.489	11.00	-1.511



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

Test Engineer:	27700
Test Date:	07/09/2022

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	19.38	-1.70	23.87	11.00
Mid	5300	19.26	-1.70	23.85	11.00
High	5320	19.07	-1.70	23.80	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	11.54	11.54	23.87	-12.33
Mid	5300	11.49	11.49	23.85	-12.36
High	5320	11.52	11.52	23.80	-12.28

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	8.891	8.891	11.00	-2.109
Mid	5300	8.693	8.693	11.00	-2.307
High	5320	8.599	8.599	11.00	-2.401



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

Test Engineer:	27700
Test Date:	07/09/2022

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	20.54	-1.70	24.00	11.00
Mid	5300	20.53	-1.70	24.00	11.00
High	5320	20.65	-1.70	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	11.45	11.45	24.00	-12.55
Mid	5300	11.49	11.49	24.00	-12.51
High	5320	11.44	11.44	24.00	-12.56

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	5260	9.532	9.532	11.00	-1.468
Mid	5300	9.796	9.796	11.00	-1.204
High	5320	9.543	9.543	11.00	-1.457



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/28/22

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.83	-1.70	24.00	11.00
Mid	5300	20.86	-1.70	24.00	11.00
High	5320	20.77	-1.70	24.00	11.00

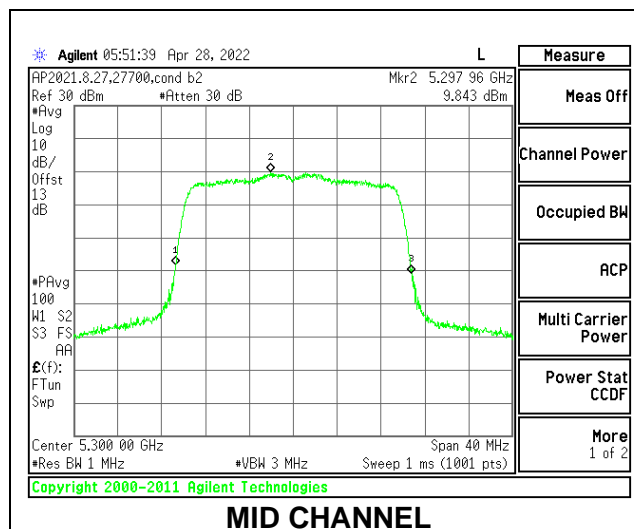
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.48	19.48	24.00	-4.52
Mid	5300	19.42	19.42	24.00	-4.58
High	5320	17.74	17.74	24.00	-6.26

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	9.679	9.779	11.00	-1.221
Mid	5300	9.843	9.943	11.00	-1.057
High	5320	7.869	7.969	11.00	-3.031



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.60	-1.70	1.31	23.92	11.00
Mid	5300	19.63	-1.70	1.31	23.93	11.00
High	5320	19.66	-1.70	1.31	23.94	11.00

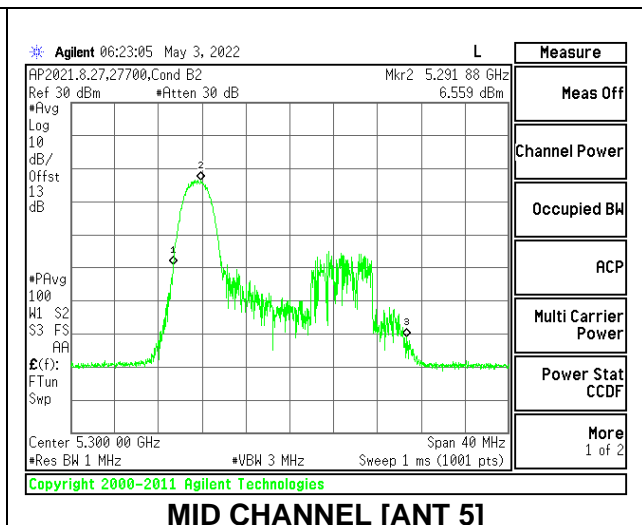
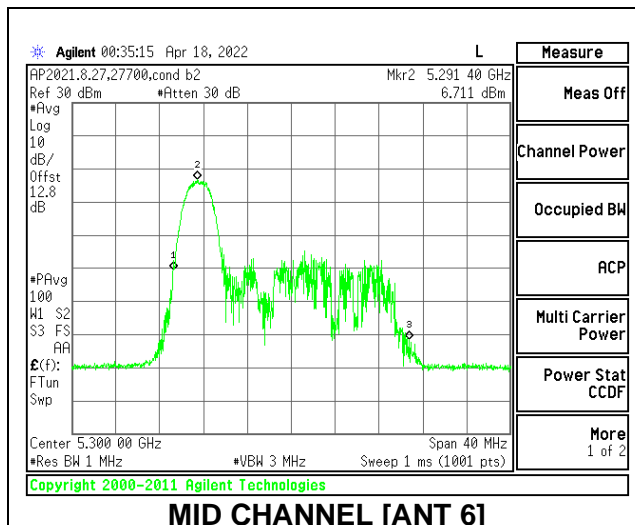
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.43	8.55	11.50	23.92	-12.42
Mid	5300	8.52	8.45	11.50	23.93	-12.43
High	5320	8.49	8.54	11.53	23.94	-12.41

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	6.372	7.008	9.712	11.00	-1.288
Mid	5300	6.711	6.559	9.646	11.00	-1.354
High	5320	6.640	6.683	9.672	11.00	-1.328



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

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	18.26	-1.70	1.31	23.62	11.00
Mid	5300	18.11	-1.70	1.31	23.58	11.00
High	5320	18.18	-1.70	1.31	23.60	11.00

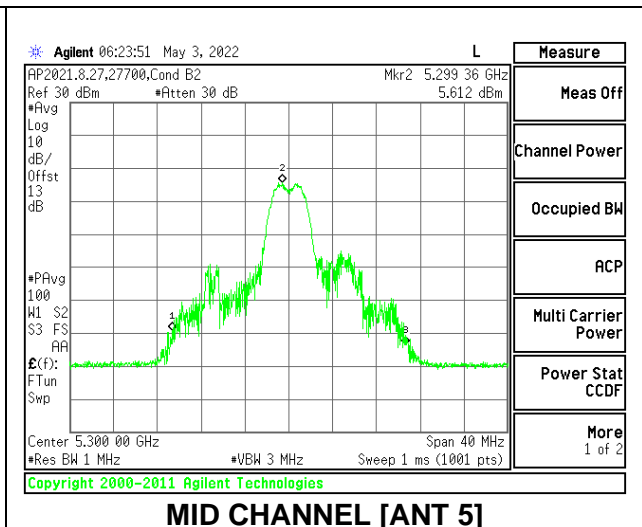
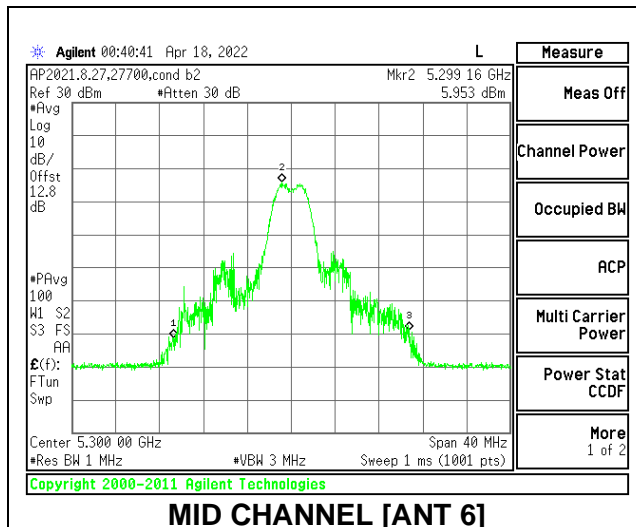
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.48	8.52	11.51	23.62	-12.10
Mid	5300	8.53	8.48	11.52	23.58	-12.06
High	5320	8.51	8.45	11.49	23.60	-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	5260	5.425	5.551	8.499	11.00	-2.501
Mid	5300	5.953	5.612	8.796	11.00	-2.204
High	5320	5.470	5.227	8.360	11.00	-2.640



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

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	19.81	-1.70	1.31	23.97	11.00
Mid	5300	19.66	-1.70	1.31	23.94	11.00
High	5320	19.79	-1.70	1.31	23.96	11.00

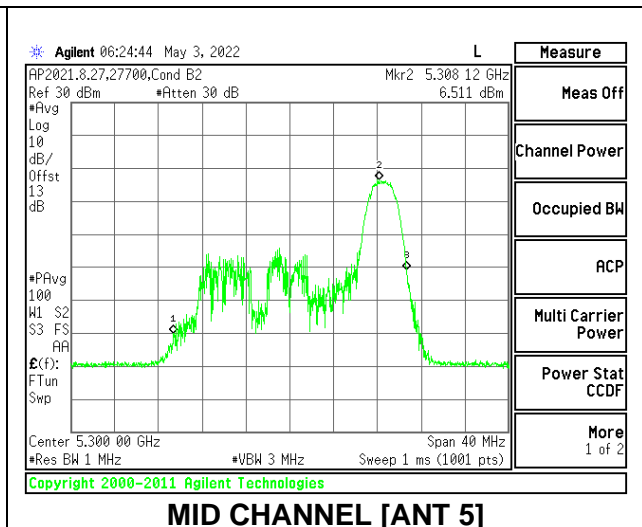
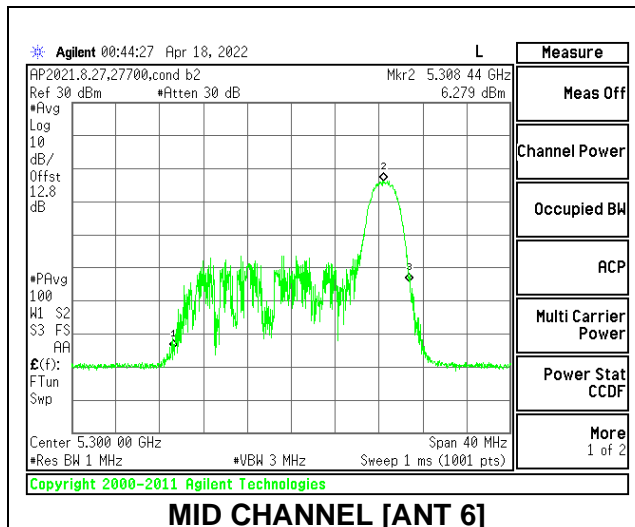
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.42	8.53	11.49	23.97	-12.48
Mid	5300	8.47	8.55	11.52	23.94	-12.42
High	5320	8.42	8.50	11.47	23.96	-12.49

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	5.999	6.832	9.446	11.00	-1.554
Mid	5300	6.279	6.511	9.407	11.00	-1.593
High	5320	6.297	6.537	9.429	11.00	-1.571



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	20.69	-1.70	1.31	24.00	11.00
Mid	5300	20.79	-1.70	1.31	24.00	11.00
High	5320	20.82	-1.70	1.31	24.00	11.00

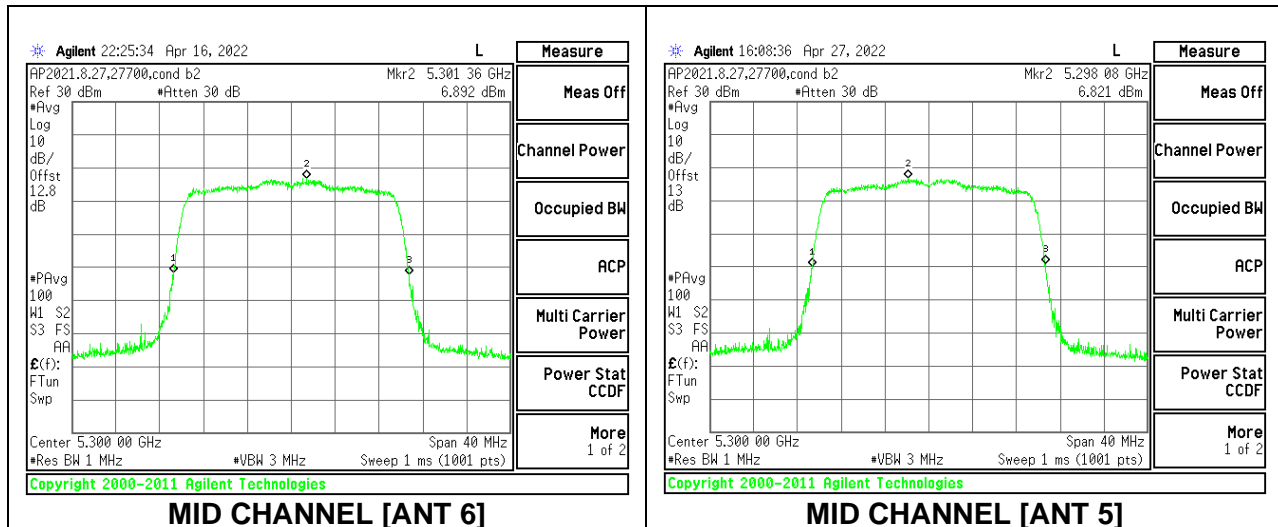
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.41	16.41	19.42	24.00	-4.58
Mid	5300	16.43	16.40	19.43	24.00	-4.57
High	5320	16.40	16.45	19.44	24.00	-4.56

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.792	7.090	10.054	11.00	-0.946
Mid	5300	6.892	6.821	9.967	11.00	-1.033
High	5320	6.765	6.649	9.818	11.00	-1.182



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:	27700
Test Date:	07/09/2022

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	20.98	-1.70	24.00	11.00
High	5310	20.31	-1.70	24.00	11.00

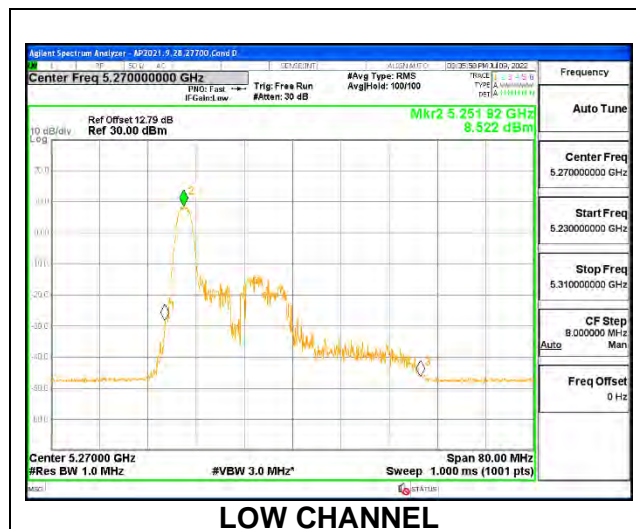
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.67	10.67	24.00	-13.33
High	5310	10.71	10.71	24.00	-13.29

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	8.522	8.522	11.00	-2.478
High	5310	8.640	8.640	11.00	-2.360



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

Test Engineer:	27700
Test Date:	07/09/2022

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	23.23	-1.70	24.00	11.00
High	5310	23.07	-1.70	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	10.70	10.70	24.00	-13.30
High	5310	10.64	10.64	24.00	-13.36

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	8.421	8.421	11.00	-2.579
High	5310	8.147	8.147	11.00	-2.853



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

Test Engineer:	27700
Test Date:	07/09/2022

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	19.92	-1.70	23.99	11.00
High	5310	20.98	-1.70	24.00	11.00

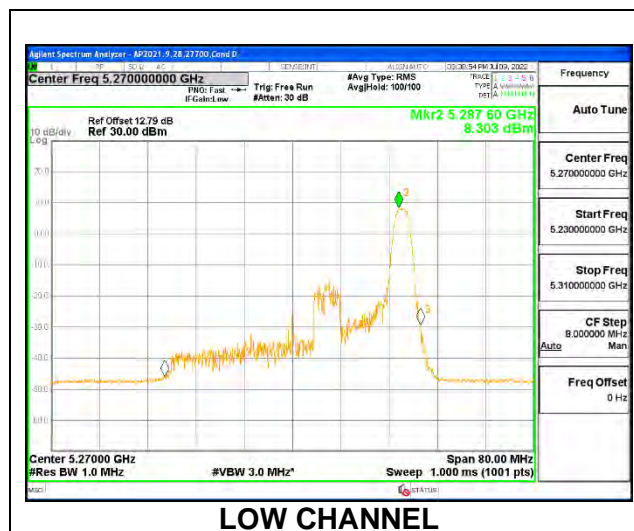
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.62	10.62	23.99	-13.37
High	5310	10.73	10.73	24.00	-13.27

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	8.303	8.303	11.00	-2.697
High	5310	8.720	8.720	11.00	-2.280



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	07/09/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.73	-1.70	24.00	11.00
High	5310	41.78	-1.70	24.00	11.00

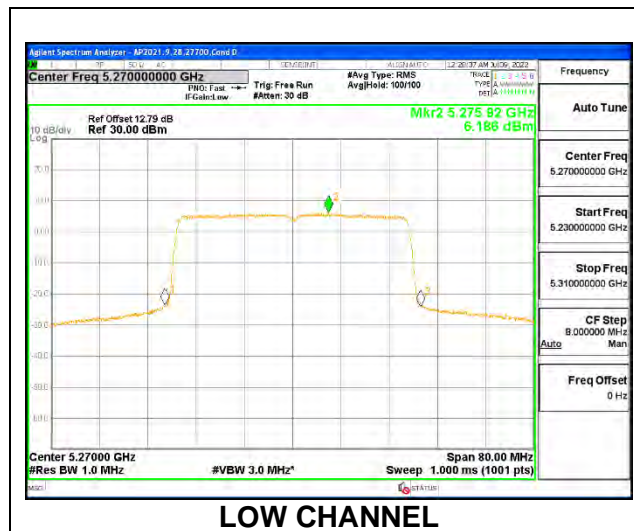
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.22	20.22	24.00	-3.78
High	5310	15.66	15.66	24.00	-8.34

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	6.186	6.316	11.00	-4.684
High	5310	1.721	1.851	11.00	-9.149



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

Test Engineer:	27700
Test Date:	07/09/2022

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	20.01	-1.70	24.00	11.00
High	5310	19.10	-1.70	23.81	11.00

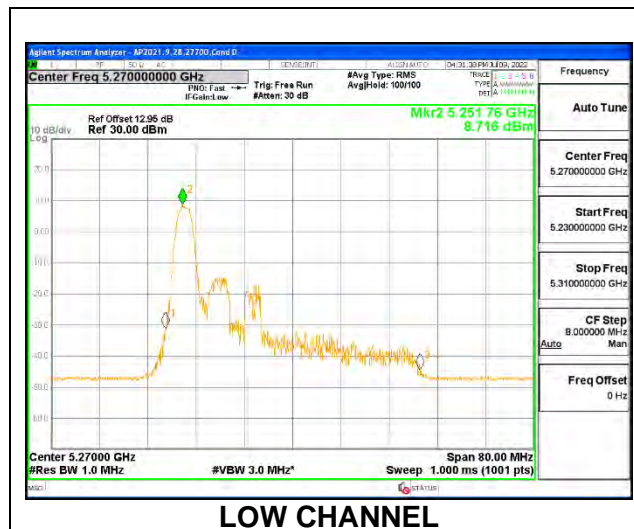
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.75	10.75	24.00	-13.25
High	5310	10.64	10.64	23.81	-13.17

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	8.716	8.716	11.00	-2.284
High	5310	8.615	8.615	11.00	-2.385



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

Test Engineer:	27700
Test Date:	07/09/2022

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	22.38	-1.70	24.00	11.00
High	5310	22.81	-1.70	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	10.65	10.65	24.00	-13.35
High	5310	10.72	10.72	24.00	-13.28

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	8.258	8.258	11.00	-2.742
High	5310	8.224	8.224	11.00	-2.776



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

Test Engineer:	27700
Test Date:	07/09/2022

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	21.23	-1.70	24.00	11.00
High	5310	20.56	-1.70	24.00	11.00

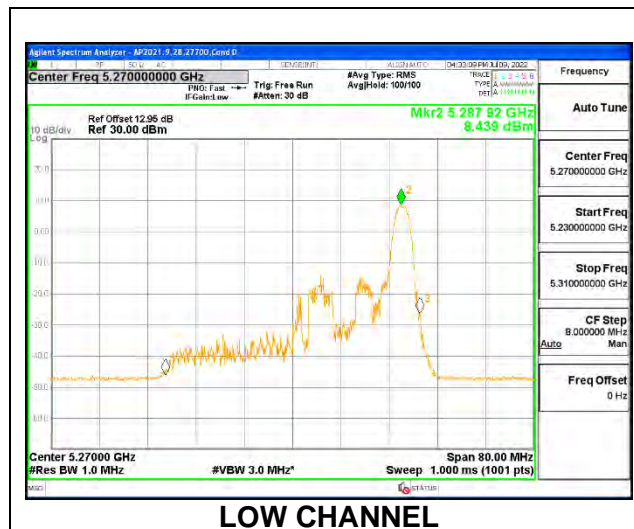
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.69	10.69	24.00	-13.31
High	5310	10.65	10.65	24.00	-13.35

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	8.439	8.439	11.00	-2.561
High	5310	8.596	8.596	11.00	-2.404



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	07/09/2022

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	41.14	-1.70	24.00	11.00
High	5310	42.02	-1.70	24.00	11.00

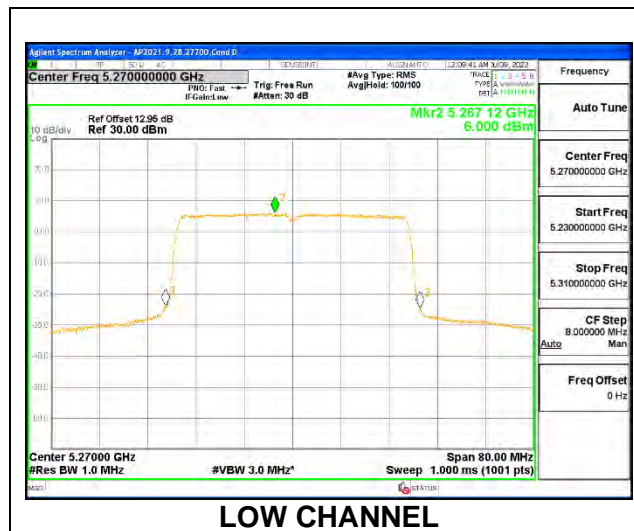
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.16	20.16	24.00	-3.84
High	5310	15.72	15.72	24.00	-8.28

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	6.000	6.130	11.00	-4.870
High	5310	1.841	1.971	11.00	-9.029



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	20.10	-1.70	1.31	24.00	11.00
High	5310	19.26	-1.70	1.31	23.85	11.00

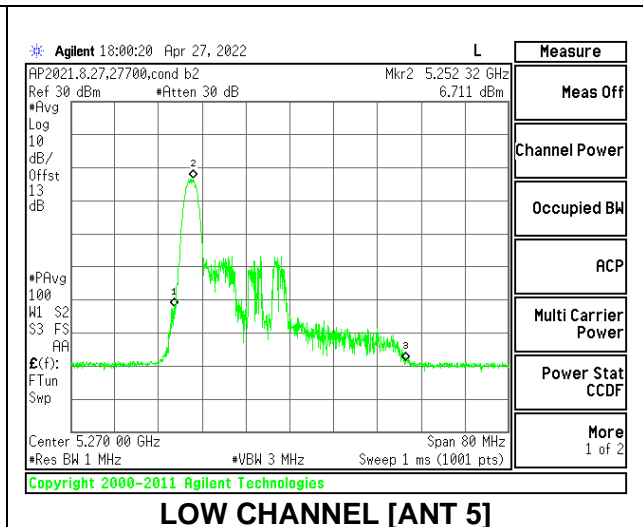
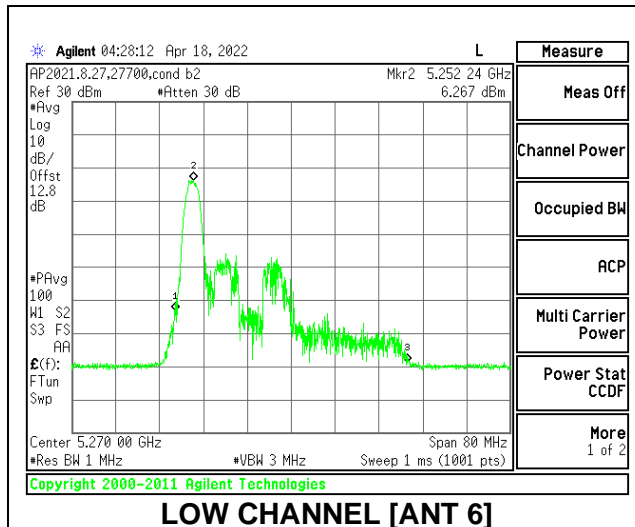
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5270	8.45	8.53	11.50	24.00	-12.50
High	5310	8.51	8.49	11.51	23.85	-12.34

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	6.27	6.71	9.505	11.00	-1.495
High	5310	6.40	6.32	9.368	11.00	-1.632



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

Test Engineer:	27700
Test Date:	04/18/22,04/15/22

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	20.14	-1.70	1.31	24.00	11.00
High	5310	22.32	-1.70	1.31	24.00	11.00

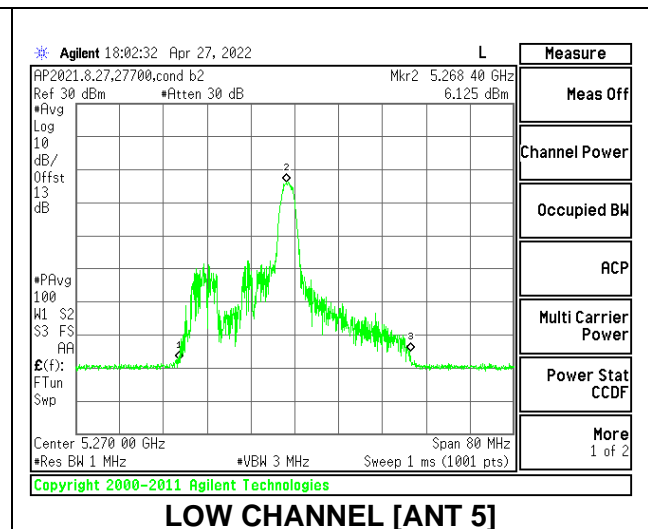
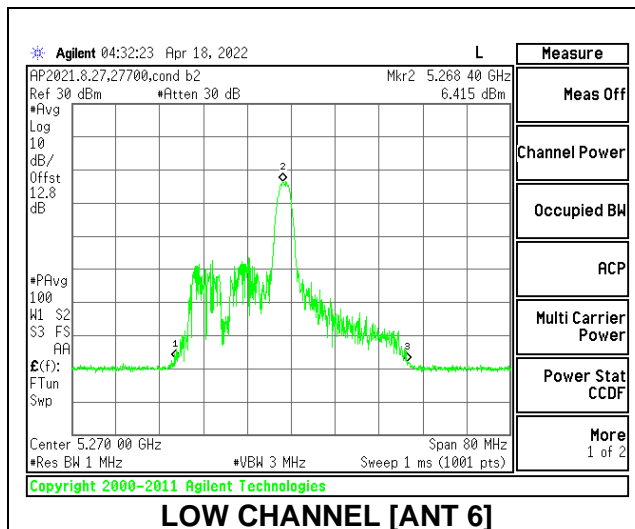
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.54	8.42	11.49	24.00	-12.51
High	5310	8.45	8.52	11.50	24.00	-12.50

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	6.415	6.125	9.283	11.00	-1.717
High	5310	6.122	6.360	9.253	11.00	-1.747



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	19.39	-1.70	1.31	23.87	11.00
High	5310	19.49	-1.70	1.31	23.90	11.00

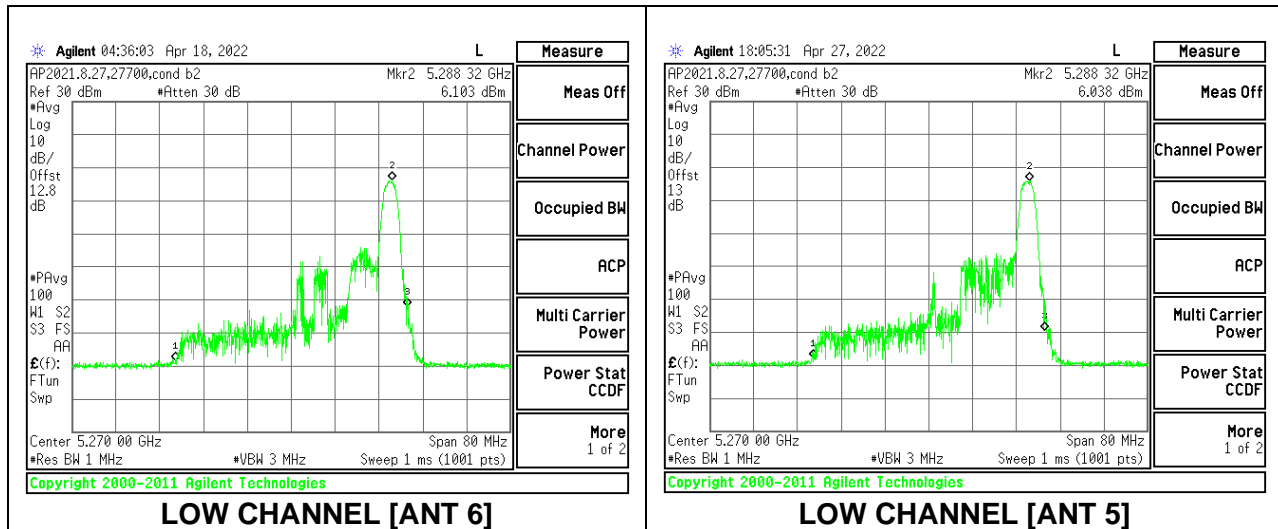
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.55	8.50	11.54	23.87	-12.34
High	5310	8.70	8.65	11.69	23.90	-12.21

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	6.103	6.038	9.081	11.00	-1.919
High	5310	6.176	6.137	9.167	11.00	-1.833



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

	(MHz)	BW (MHz)	for Power (dBi)	for PSD (dBi)	(dBm)	(dBm/1MHz)
Low	5270	41.19	-1.70	1.31	24.00	11.00
High	5310	42.18	-1.70	1.31	24.00	11.00

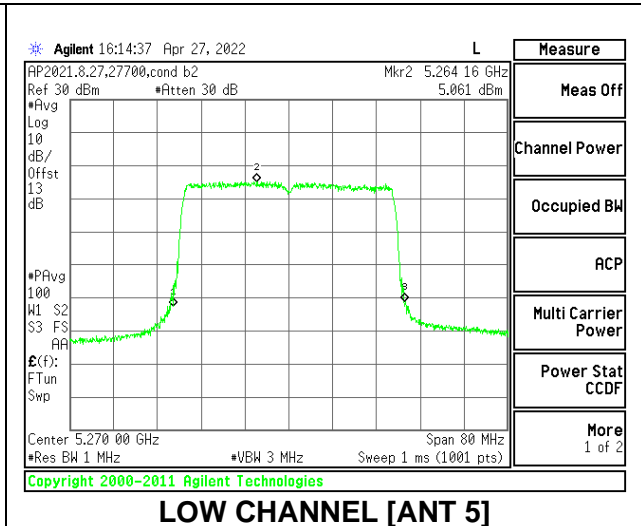
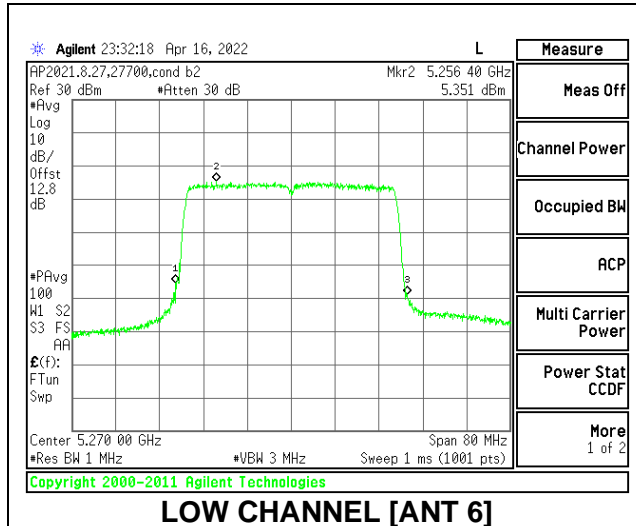
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

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	19.23	19.18	22.22	24.00	-1.78
High	5310	15.24	15.21	18.24	24.00	-5.76

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	5.351	5.061	8.349	11.00	-2.651
High	5310	1.093	1.050	4.212	11.00	-6.788



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:	27700
Test Date:	07/08/2022

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	19.39	-1.70	23.88	11.00

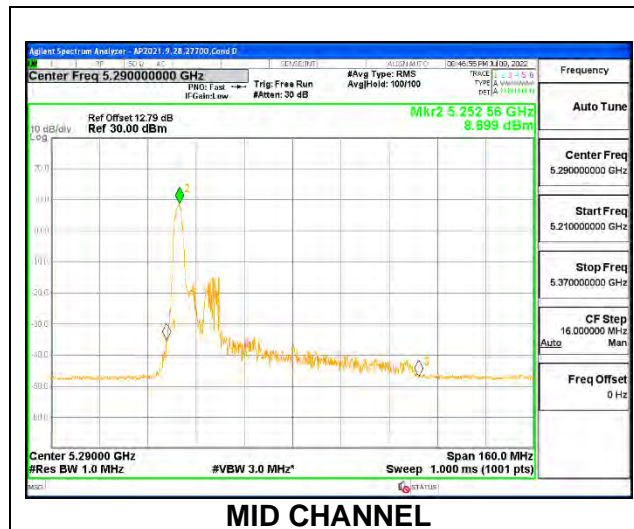
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.680	10.680	23.88	-13.20

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	8.699	8.699	11.00	-2.30



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

Test Engineer:	27700
Test Date:	07/08/2022

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	39.96	-1.70	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	10.650	10.650	24.00	-13.35

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.292	7.292	11.00	-3.71



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

Test Engineer:	27700
Test Date:	07/08/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.29	-1.70	24.00	11.00

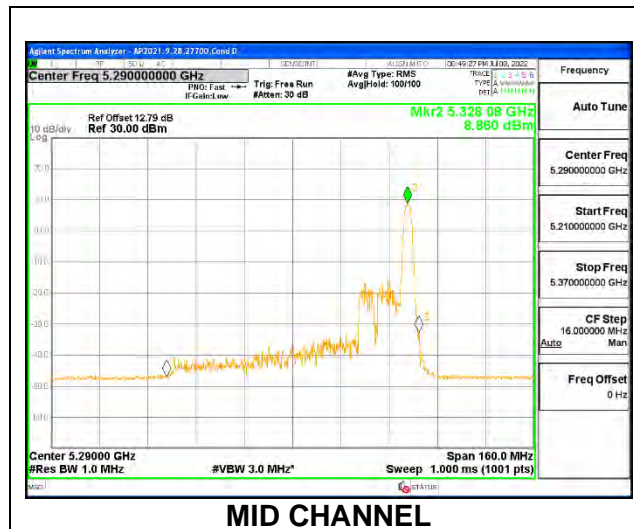
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.780	10.780	24.00	-13.22

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.860	8.860	11.00	-2.14



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/16/22

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	83.62	-1.70	24.00	11.00

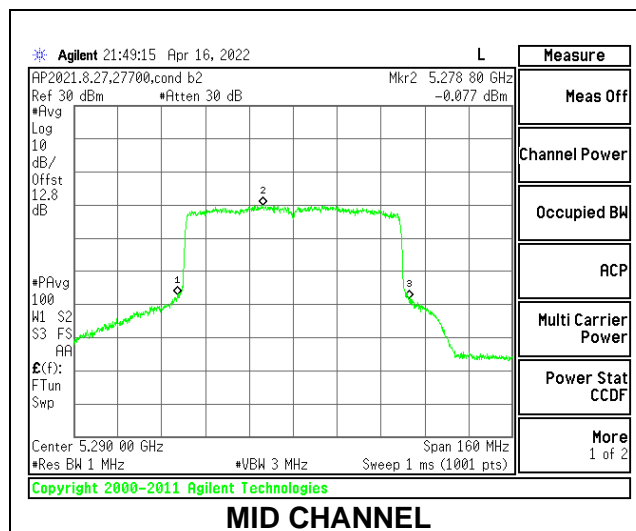
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.630	16.630	24.00	-7.37

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	-0.077	0.183	11.00	-10.82



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

Test Engineer:	27700
Test Date:	07/08/2022

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	19.63	-1.70	23.93	11.00

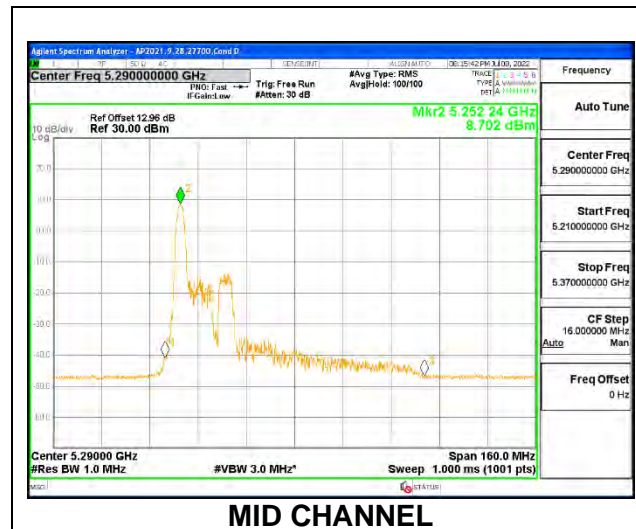
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.750	10.750	23.93	-13.18

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.702	8.702	11.00	-2.30



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

Test Engineer:	27700
Test Date:	07/08/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	41.03	-1.70	24.00	11.00

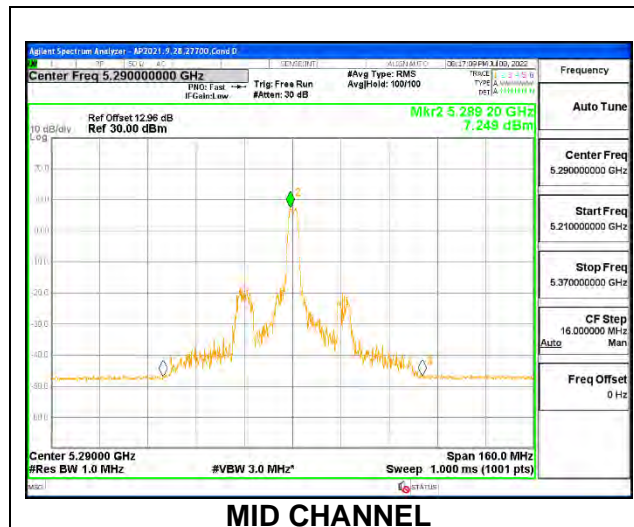
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.700	10.700	24.00	-13.30

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.249	7.249	11.00	-3.75



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

Test Engineer:	27700
Test Date:	07/08/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.28	-1.70	24.00	11.00

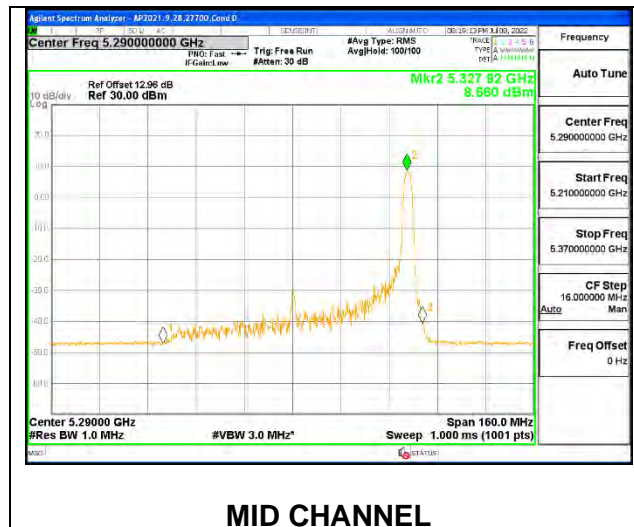
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	10.670	10.670	24.00	-13.33

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	8.660	8.660	11.00	-2.34



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/28/22

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	83.79	-1.70	24.00	11.00

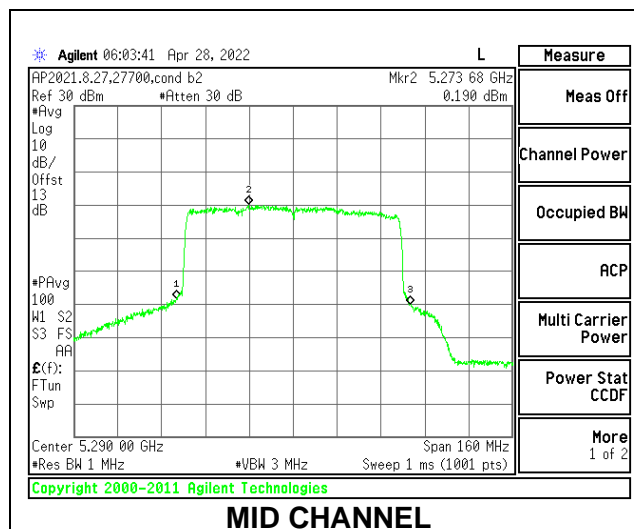
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.780	16.780	24.00	-7.22

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	0.190	0.450	11.00	-10.55



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	19.44	-1.70	1.31	23.89	11.00

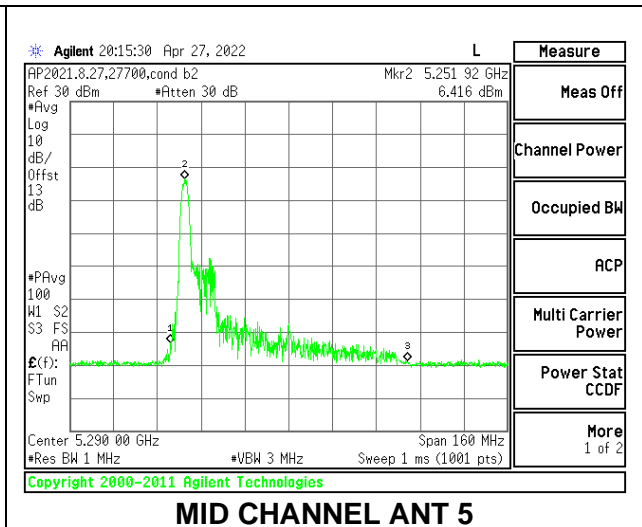
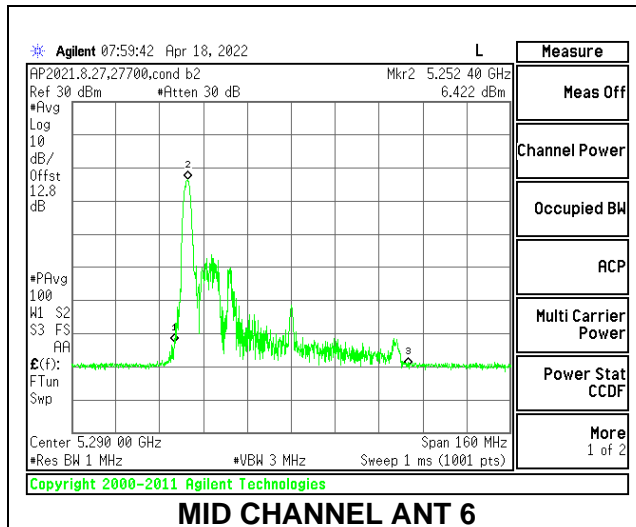
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.520	8.450	11.495	23.89	-12.39

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	6.422	6.416	9.429	11.00	-1.57



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	37.48	-1.70	1.31	24.00	11.00

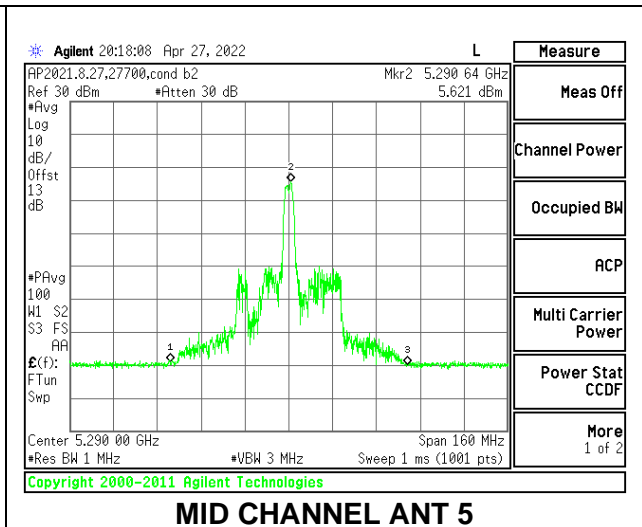
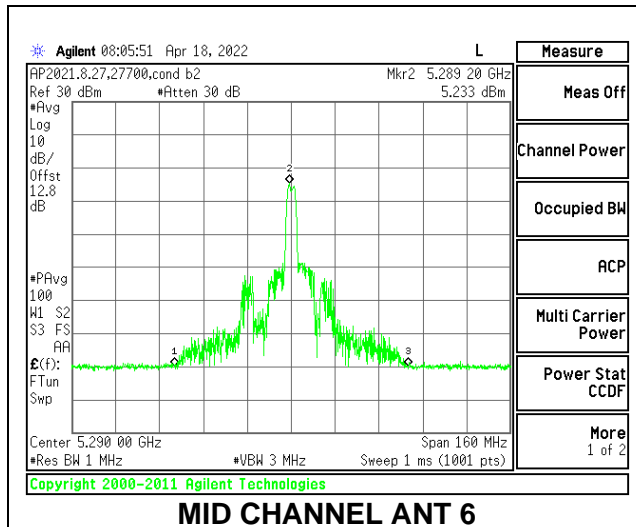
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.410	8.550	11.491	24.00	-12.51

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)
Mid	5290	5.233	5.621	8.442	11.00	-2.56



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	19.52	-1.70	1.31	23.90	11.00

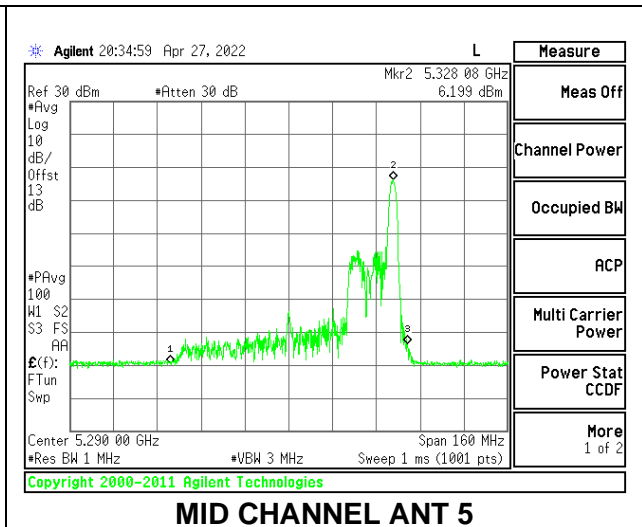
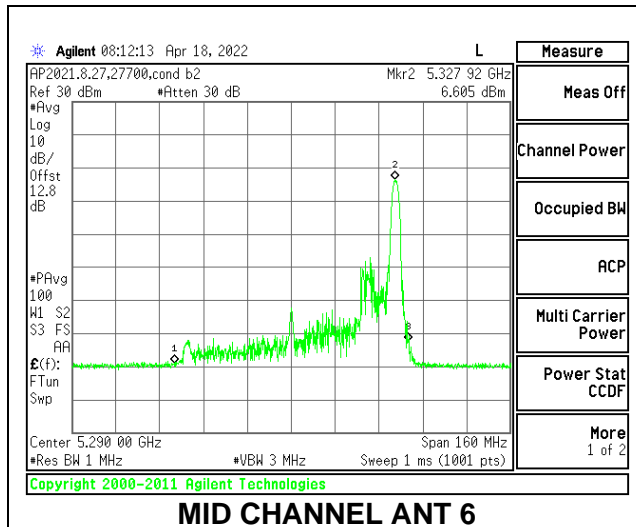
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.520	8.460	11.500	23.90	-12.40

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)
Mid	5290	6.605	6.199	9.417	11.00	-1.58



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

Test Engineer:	27700
Test Date:	04/17/22,04/27/22

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	19.52	-1.70	1.31	23.90	11.00

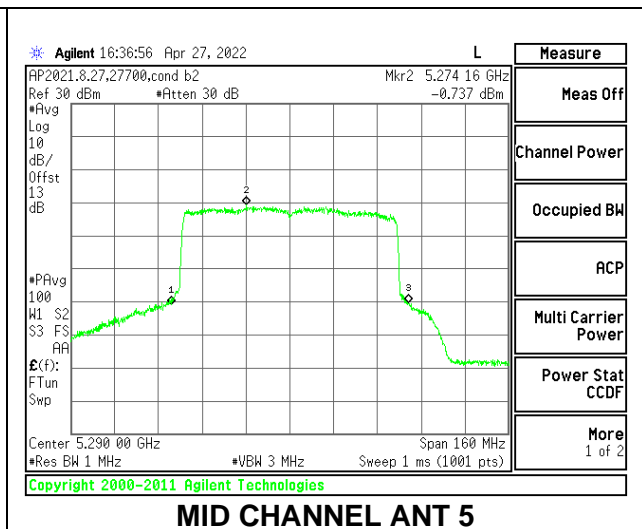
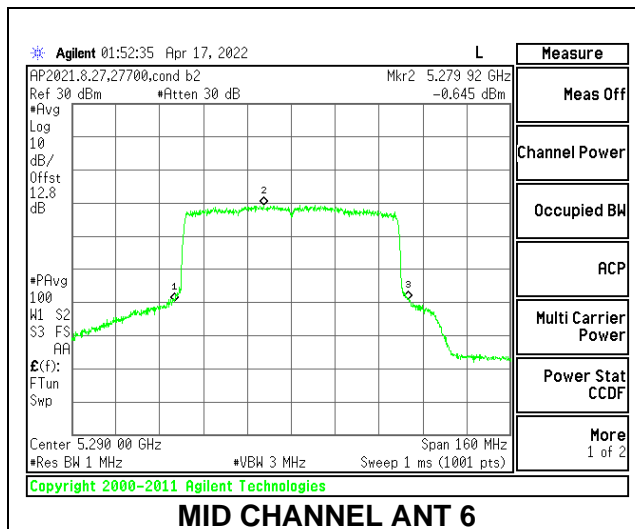
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.700	15.640	18.680	23.90	-5.22

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	-0.645	-0.737	2.580	11.00	-8.42



9.4.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	27700
Test Date:	04/16/22

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	21.29	-1.60	24.00	11.00
Mid	5580	20.70	-1.60	24.00	11.00
High	5700	21.34	-1.60	24.00	11.00
144	5720	15.41	-1.60	22.88	11.00

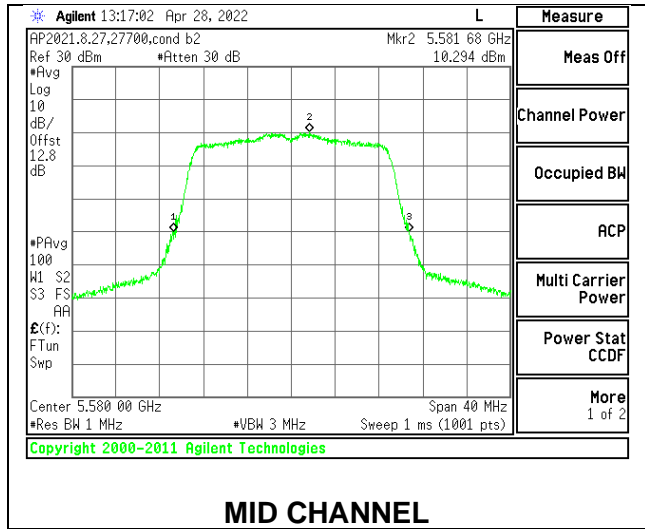
Duty Cycle CF (dB)	0.14	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	19.25	19.25	24.00	-4.75
Mid	5580	19.23	19.23	24.00	-4.77
High	5700	16.64	16.64	24.00	-7.36
144	5720	19.21	19.21	22.88	-3.67

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	5500	10.391	10.531	11.00	-0.469
Mid	5580	10.294	10.434	11.00	-0.566
High	5700	7.464	7.604	11.00	-3.396
144	5720	9.688	9.828	11.00	-1.172



1TX Antenna 5 MODE (FCC)

Test Engineer:	27700
Test Date:	04/28/22

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	21.24	-1.20	24.00	11.00
Mid	5580	20.98	-1.20	24.00	11.00
High	5700	21.27	-1.20	24.00	11.00
144	5720	15.36	-1.20	22.86	11.00

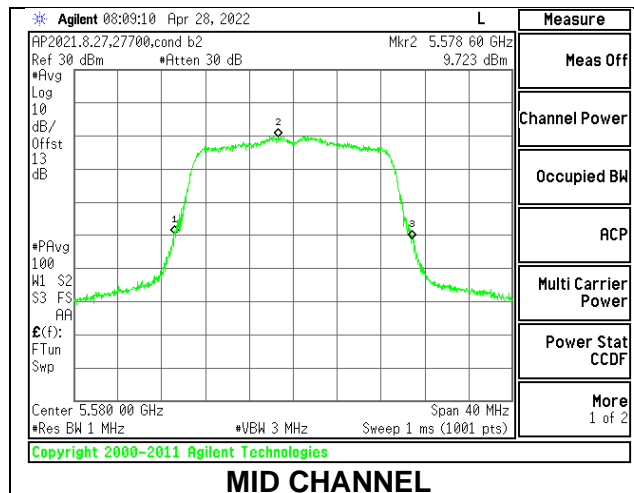
Duty Cycle CF (dB)	0.14	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	19.17	19.17	24.00	-4.83
Mid	5580	19.19	19.19	24.00	-4.81
High	5700	16.58	16.58	24.00	-7.42
144	5720	19.17	19.17	22.86	-3.69

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	9.798	9.938	11.00	-1.062
Mid	5580	9.723	9.863	11.00	-1.137
High	5700	6.857	6.997	11.00	-4.003
144	5720	9.689	9.829	11.00	-1.171



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

Test Engineer:	27700
Test Date:	04/16/22,04/28/22

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	21.29	-1.40	1.61	24.00	11.00
Mid	5580	20.68	-1.40	1.61	24.00	11.00
High	5700	21.23	-1.40	1.61	24.00	11.00
144	5720	15.38	-1.40	1.61	22.87	11.00

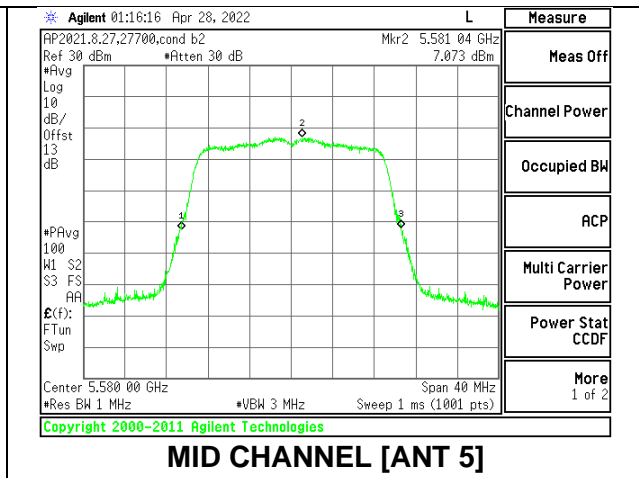
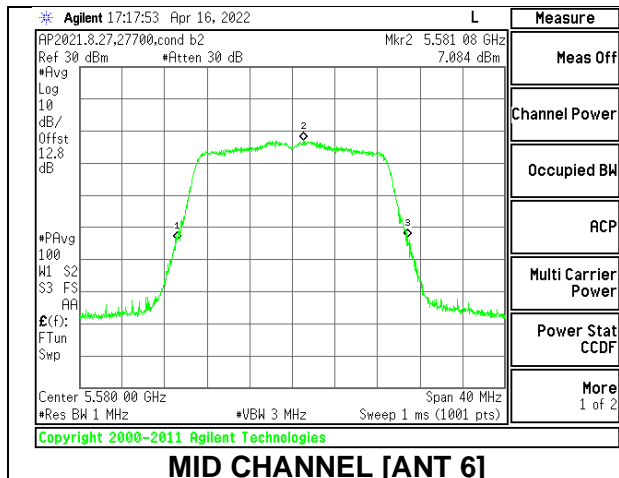
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.20	16.24	19.23	24.00	-4.77
Mid	5580	16.22	16.21	19.23	24.00	-4.77
High	5700	16.21	16.25	19.24	24.00	-4.76
144	5720	16.19	16.22	19.22	22.87	-3.65

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	5500	6.960	7.480	10.378	11.00	-0.622
Mid	5580	7.084	7.073	10.229	11.00	-0.771
High	5700	6.292	6.573	9.585	11.00	-1.415
144	5720	6.722	7.226	10.132	11.00	-0.868



9.4.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	28161
Test Date:	07/13/2022

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	44.11	-1.60	24.00	11.00
Mid	5550	41.30	-1.60	24.00	11.00
High	5670	43.98	-1.60	24.00	11.00
142	5710	41.24	-1.60	24.00	11.00

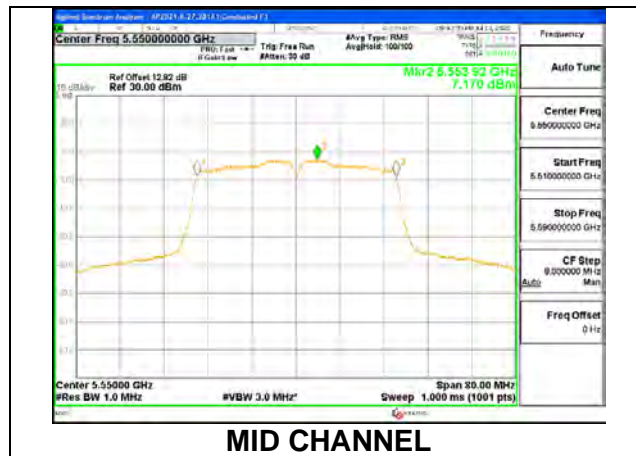
Duty Cycle CF (dB)	0.21	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.74	15.74	24.00	-8.26
Mid	5550	20.17	20.17	24.00	-3.83
High	5670	19.16	19.16	24.00	-4.84
142	5710	20.19	20.19	24.00	-3.81

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	3.194	3.404	11.00	-7.596
Mid	5550	7.170	7.380	11.00	-3.620
High	5670	5.384	5.594	11.00	-5.406
142	5710	7.505	7.715	11.00	-3.285



1TX Antenna 5 MODE (FCC)

Test Engineer:	28161
Test Date:	07/13/2022

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	43.19	-1.20	24.00	11.00
Mid	5550	41.10	-1.20	24.00	11.00
High	5670	43.56	-1.20	24.00	11.00
142	5710	41.19	-1.20	24.00	11.00

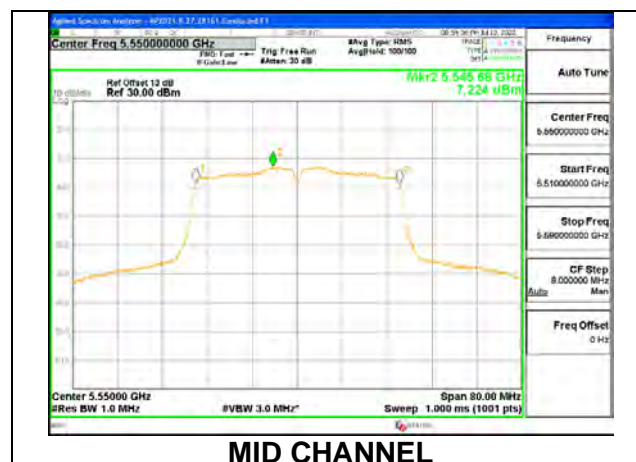
Duty Cycle CF (dB)	0.21	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.70	15.70	24.00	-8.30
Mid	5550	20.22	20.22	24.00	-3.78
High	5670	19.23	19.23	24.00	-4.77
142	5710	20.26	20.26	24.00	-3.74

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	3.146	3.356	11.00	-7.644
Mid	5550	7.224	7.434	11.00	-3.566
High	5670	5.380	5.590	11.00	-5.410
142	5710	7.609	7.819	11.00	-3.181



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	40.89	-1.40	1.61	24.00	11.00
Mid	5550	40.58	-1.40	1.61	24.00	11.00
High	5670	41.50	-1.40	1.61	24.00	11.00
142	5710	40.53	-1.40	1.61	24.00	11.00

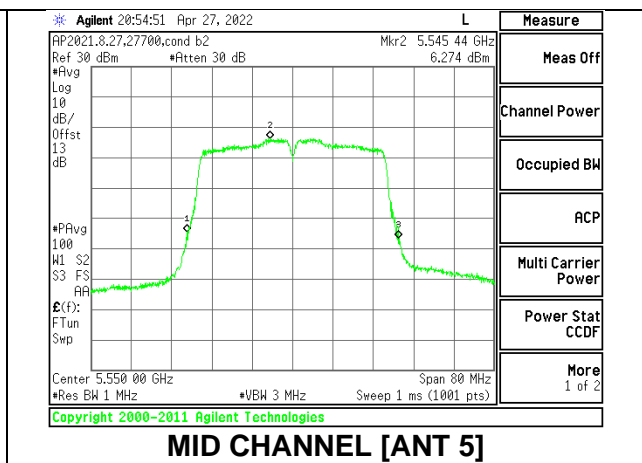
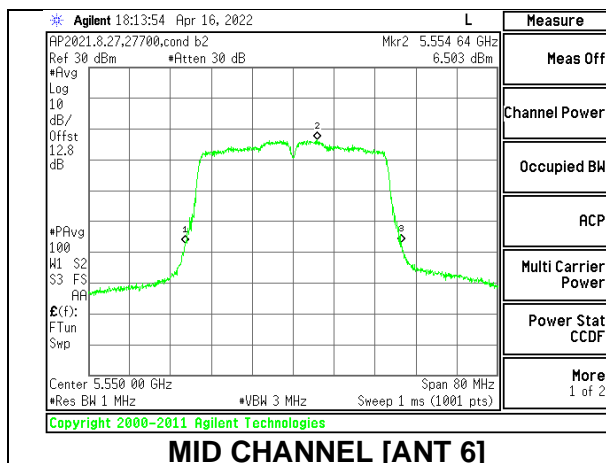
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.69	14.74	17.73	24.00	-6.27
Mid	5550	19.21	19.16	22.20	24.00	-1.80
High	5670	18.64	18.70	21.68	24.00	-2.32
142	5710	19.25	19.19	22.23	24.00	-1.77

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	1.994	2.170	5.303	11.00	-5.70
Mid	5550	6.503	6.274	9.610	11.00	-1.39
High	5670	5.730	5.919	9.046	11.00	-1.95
142	5710	6.615	6.209	9.637	11.00	-1.36



9.4.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	27700
Test Date:	4/16/22

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	85.23	-1.60	24.00	11.00
High	5610	82.23	-1.60	24.00	11.00
138	5690	80.94	-1.60	24.00	11.00

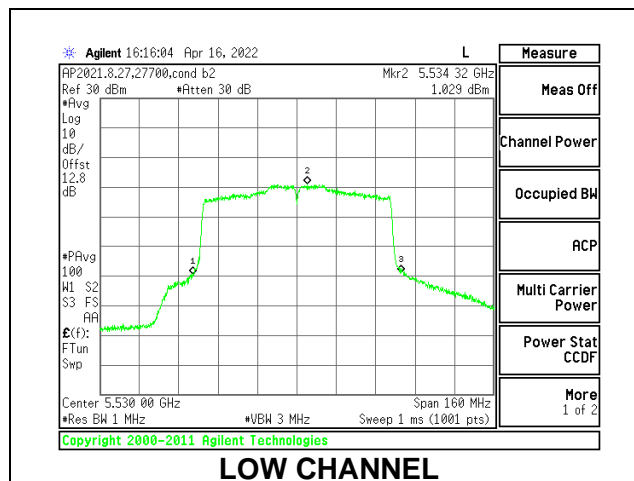
Duty Cycle CF (dB)	0.35	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.62	16.62	24.00	-7.38
High	5610	20.18	20.18	24.00	-3.82
138	5690	20.15	20.15	24.00	-3.85

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	1.029	1.379	11.00	-9.621
High	5610	4.476	4.476	11.00	-6.524
138	5690	4.558	4.908	11.00	-6.092



1TX Antenna 5 MODE (FCC)

Test Engineer:	27700
Test Date:	04/28/22

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	82.47	-1.20	24.00	11.00
High	5610	82.80	-1.20	24.00	11.00
138	5690	81.06	-1.20	24.00	11.00

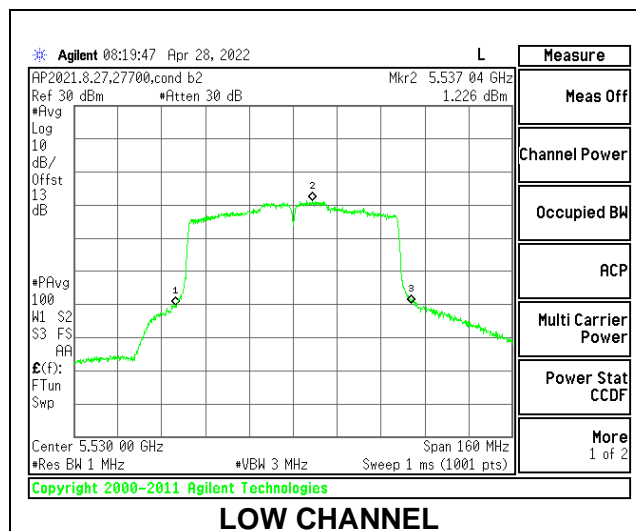
Duty Cycle CF (dB)	0.35	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.70	16.70	24.00	-7.30
High	5610	20.23	20.23	24.00	-3.77
138	5690	20.20	20.20	24.00	-3.80

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	5530	1.226	1.576	11.00	-9.424
High	5610	4.600	4.950	11.00	-6.050
138	5690	4.660	5.010	11.00	-5.990



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

Test Engineer:	19232
Test Date:	06/07/22

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	82.12	-1.40	1.61	24.00	11.00
High	5610	81.10	-1.40	1.61	24.00	11.00
138	5690	80.61	-1.40	1.61	24.00	11.00

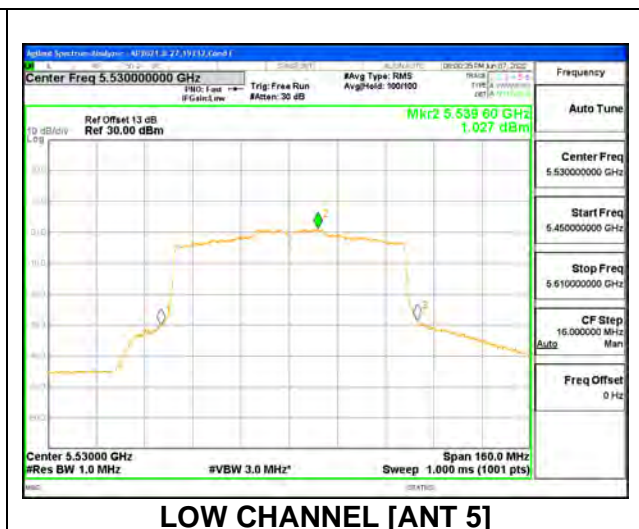
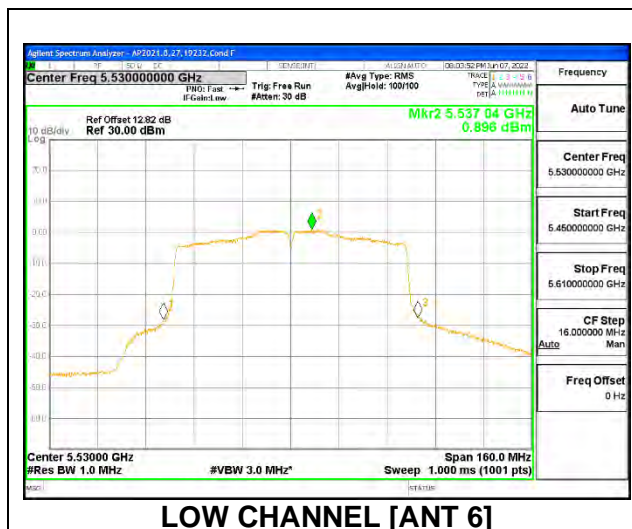
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.15	16.21	19.19	24.00	-4.81
High	5610	19.63	19.77	22.71	24.00	-1.29
138	5690	19.67	19.75	22.72	24.00	-1.28

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.896	1.027	4.322	11.00	-6.678
High	5610	3.860	4.193	7.390	11.00	-3.610
138	5690	4.372	4.530	7.812	11.00	-3.188



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:	27700
Test Date:	07/09/2022

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	19.40	-1.60	23.88	11.00
Mid	5580	19.26	-1.60	23.85	11.00
High	5700	18.73	-1.60	23.73	11.00
144	5720	15.01	-1.60	22.76	11.00

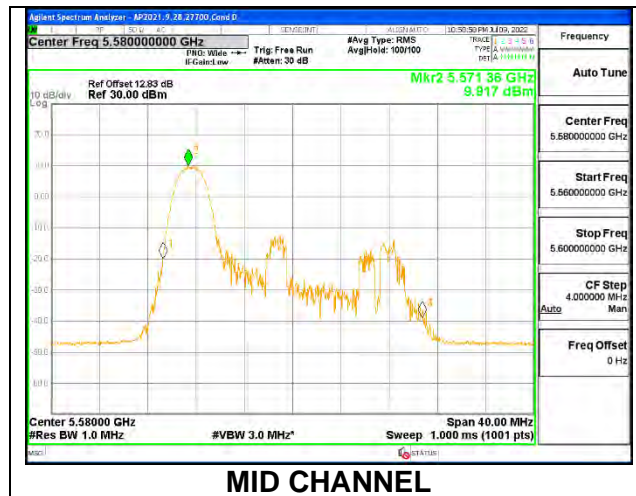
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.47	11.47	23.88	-12.41
Mid	5580	11.56	11.56	23.85	-12.29
High	5700	11.44	11.44	23.73	-12.29
144	5720	11.53	11.53	22.76	-11.23

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	9.679	9.679	11.00	-1.321
Mid	5580	9.917	9.917	11.00	-1.083
High	5700	9.571	9.571	11.00	-1.429
144	5720	9.604	9.604	11.00	-1.396



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

Test Engineer:	27700
Test Date:	07/09/2022

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	19.16	-1.60	23.82	11.00
Mid	5580	19.21	-1.60	23.84	11.00
High	5700	18.85	-1.60	23.75	11.00
144	5720	14.49	-1.60	22.61	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	11.46	11.46	23.82	-12.36
Mid	5580	11.45	11.45	23.84	-12.39
High	5700	11.54	11.54	23.75	-12.21
144	5720	11.50	11.50	22.61	-11.11

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	8.873	8.873	11.00	-2.127
Mid	5580	8.486	8.486	11.00	-2.514
High	5700	8.568	8.568	11.00	-2.432
144	5720	8.667	8.667	11.00	-2.333



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

Test Engineer:	27700
Test Date:	07/09/2022

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	20.34	-1.60	24.00	11.00
Mid	5580	19.51	-1.60	23.90	11.00
High	5700	19.73	-1.60	23.95	11.00
144	5720	14.69	-1.60	22.67	11.00

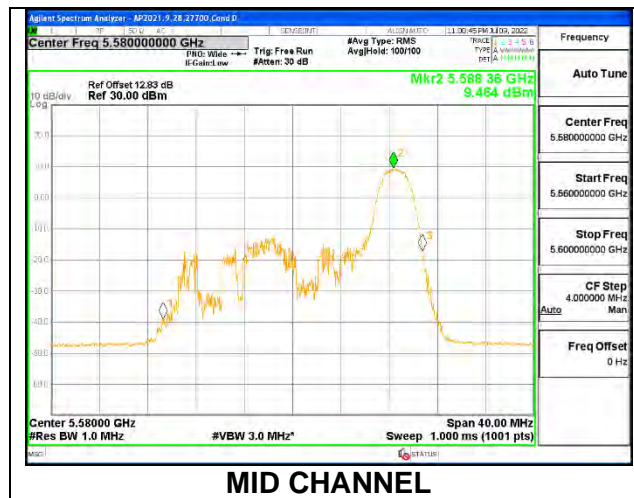
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.50	11.50	24.00	-12.50
Mid	5580	11.53	11.53	23.90	-12.37
High	5700	11.55	11.55	23.95	-12.40
144	5720	11.56	11.56	22.67	-11.11

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	9.738	9.738	11.00	-1.262
Mid	5580	9.464	9.464	11.00	-1.536
High	5700	9.810	9.810	11.00	-1.190
144	5720	9.858	9.858	11.00	-1.142



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/16/22

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	21.09	-1.60	24.00	11.00
Mid	5580	20.79	-1.60	24.00	11.00
High	5700	21.28	-1.60	24.00	11.00
144	5720	15.51	-1.60	22.90	11.00

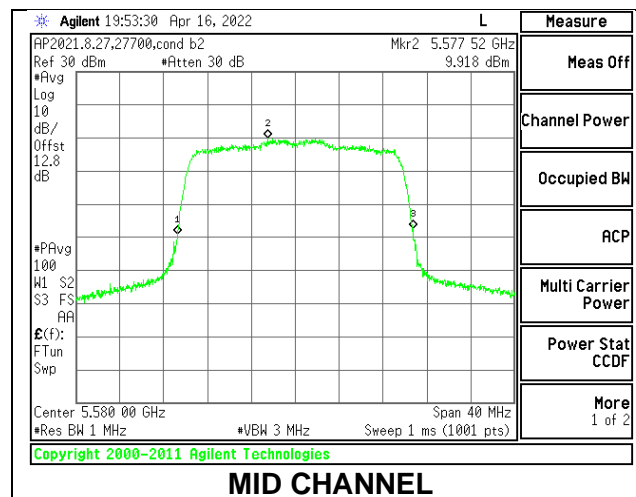
Duty Cycle CF (dB)	0.10	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.68	18.68	24.00	-5.32
Mid	5580	19.35	19.35	24.00	-4.65
High	5700	16.22	16.22	24.00	-7.78
144	5720	19.40	19.40	22.90	-3.50

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	8.775	8.875	11.00	-2.125
Mid	5580	9.918	10.018	11.00	-0.982
High	5700	6.438	6.538	11.00	-4.462
144	5720	9.646	9.746	11.00	-1.254



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

Test Engineer:	27700
Test Date:	07/09/2022

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	19.59	-1.20	23.92	11.00
Mid	5580	19.96	-1.20	24.00	11.00
High	5700	20.01	-1.20	24.00	11.00
144	5720	14.65	-1.20	22.66	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	11.51	11.51	23.92	-12.41
Mid	5580	11.49	11.49	24.00	-12.51
High	5700	11.50	11.50	24.00	-12.50
144	5720	11.44	11.44	22.66	-11.22

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	9.740	9.740	11.00	-1.260
Mid	5580	9.697	9.697	11.00	-1.303
High	5700	9.543	9.543	11.00	-1.457
144	5720	9.587	9.587	11.00	-1.413



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

Test Engineer:	27700
Test Date:	07/09/2022

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	19.27	-1.20	23.85	11.00
Mid	5580	19.25	-1.20	23.84	11.00
High	5700	19.22	-1.20	23.84	11.00
144	5720	14.67	-1.20	22.66	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	11.65	11.65	23.85	-12.20
Mid	5580	11.55	11.55	23.84	-12.29
High	5700	11.45	11.45	23.84	-12.39
144	5720	11.52	11.52	22.66	-11.14

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	5500	9.000	9.000	11.00	-2.000
Mid	5580	8.834	8.834	11.00	-2.166
High	5700	8.477	8.477	11.00	-2.523
144	5720	8.771	8.771	11.00	-2.229



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

Test Engineer:	27700
Test Date:	07/09/2022

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	20.46	-1.20	24.00	11.00
Mid	5580	20.30	-1.20	24.00	11.00
High	5700	20.38	-1.20	24.00	11.00
144	5720	15.28	-1.20	22.84	11.00

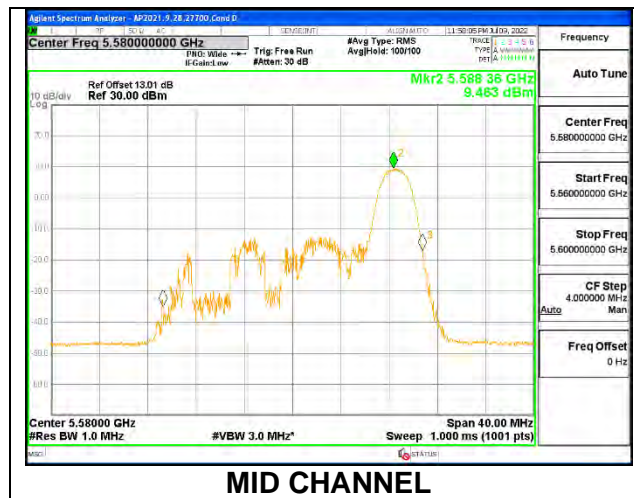
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.54	11.54	24.00	-12.46
Mid	5580	11.50	11.50	24.00	-12.50
High	5700	11.47	11.47	24.00	-12.53
144	5720	11.50	11.50	22.84	-11.34

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	9.802	9.802	11.00	-1.198
Mid	5580	9.463	9.463	11.00	-1.537
High	5700	9.674	9.674	11.00	-1.326
144	5720	9.619	9.619	11.00	-1.381



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/28/22

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	21.44	-1.20	24.00	11.00
Mid	5580	20.60	-1.20	24.00	11.00
High	5700	21.95	-1.20	24.00	11.00
144	5720	15.39	-1.20	22.87	11.00

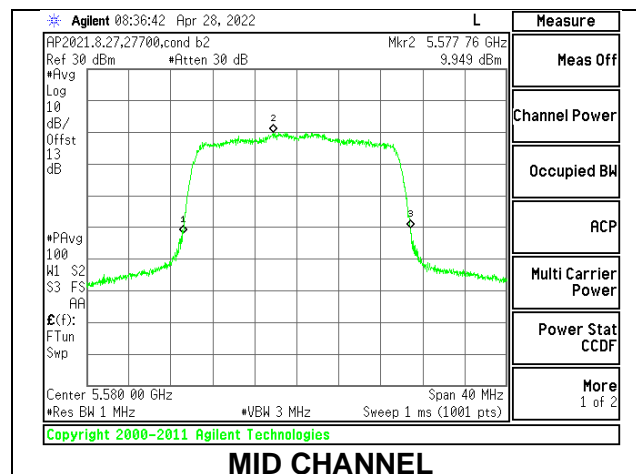
Duty Cycle CF (dB)	0.10	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.76	18.76	24.00	-5.24
Mid	5580	19.43	19.43	24.00	-4.57
High	5700	16.16	16.16	24.00	-7.84
144	5720	19.41	19.41	22.87	-3.46

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	9.181	9.281	11.00	-1.719
Mid	5580	9.949	10.049	11.00	-0.951
High	5700	6.122	6.222	11.00	-4.778
144	5720	9.670	9.770	11.00	-1.230



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

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	19.32	-1.40	1.61	23.86	11.00
Mid	5580	18.79	-1.40	1.61	23.74	11.00
High	5700	18.73	-1.40	1.61	23.72	11.00
144	5720	14.39	-1.40	1.61	22.58	11.00

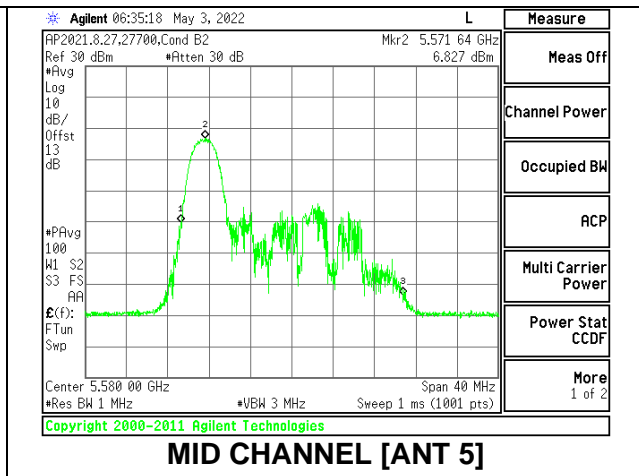
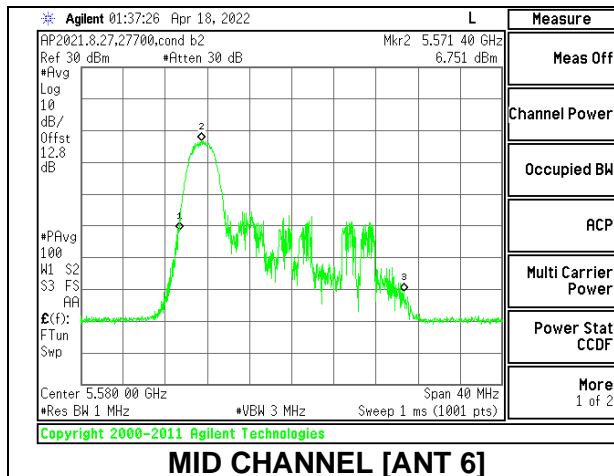
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.48	8.54	11.52	23.86	-12.34
Mid	5580	8.50	8.56	11.54	23.74	-12.20
High	5700	8.51	8.53	11.53	23.72	-12.19
144	5720	8.52	8.47	11.51	22.58	-11.07

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	5500	6.636	6.937	9.799	11.00	-1.201
Mid	5580	6.751	6.827	9.799	11.00	-1.201
High	5700	6.691	6.793	9.753	11.00	-1.247
144	5720	6.855	6.478	9.681	11.00	-1.319



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

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	18.19	-1.40	1.61	23.60	11.00
Mid	5580	18.25	-1.40	1.61	23.61	11.00
High	5700	18.26	-1.40	1.61	23.62	11.00
144	5720	14.05	-1.40	1.61	22.48	11.00

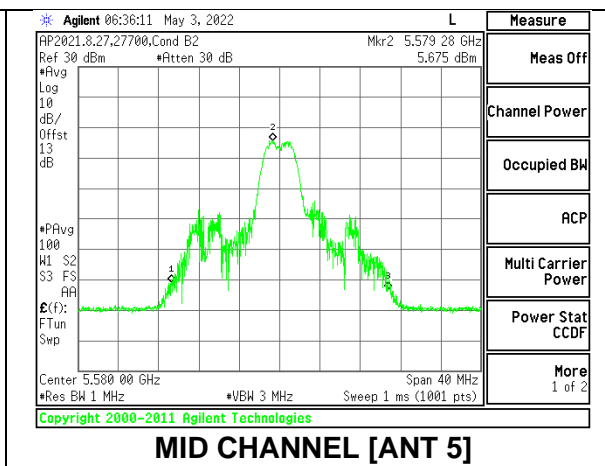
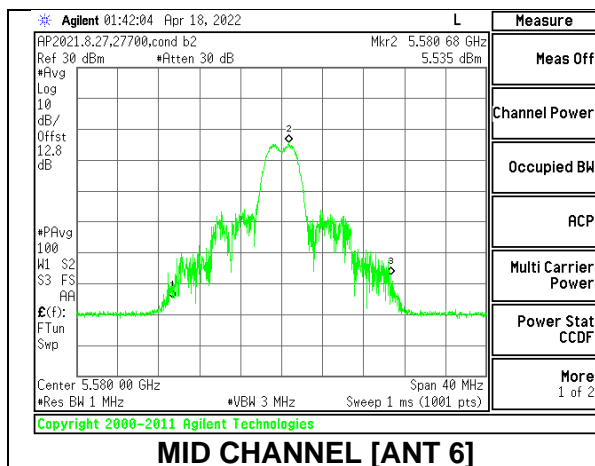
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.45	8.53	11.50	23.60	-12.10
Mid	5580	8.48	8.55	11.53	23.61	-12.09
High	5700	8.41	8.52	11.48	23.62	-12.14
144	5720	8.46	8.57	11.53	22.48	-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	5.767	6.026	8.909	11.00	-2.091
Mid	5580	5.535	5.675	8.616	11.00	-2.384
High	5700	5.645	5.872	8.770	11.00	-2.230
144	5720	5.792	5.957	8.886	11.00	-2.114



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

Test Engineer:	27700
Test Date:	04/18/22,05/03/22

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	19.83	-1.40	1.61	23.97	11.00
Mid	5580	19.66	-1.40	1.61	23.94	11.00
High	5700	19.84	-1.40	1.61	23.98	11.00
144	5720	14.81	-1.40	1.61	22.70	11.00

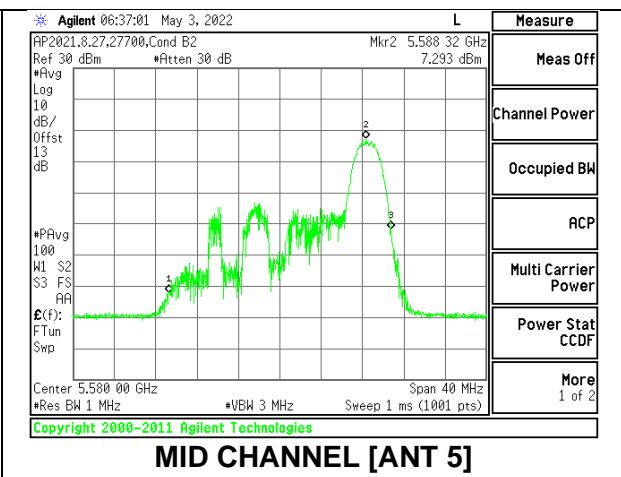
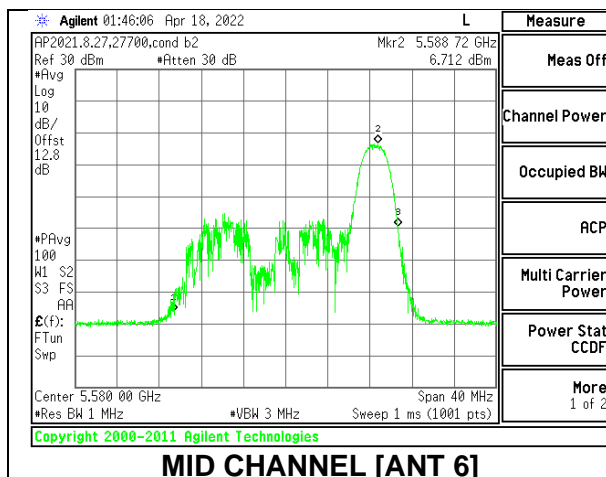
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.46	8.55	11.52	23.97	-12.46
Mid	5580	8.43	8.51	11.48	23.94	-12.45
High	5700	8.54	8.50	11.53	23.98	-12.45
144	5720	8.58	8.43	11.52	22.70	-11.19

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	6.532	6.773	9.664	11.00	-1.336
Mid	5580	6.712	7.293	10.023	11.00	-0.977
High	5700	6.678	6.616	9.657	11.00	-1.343
144	5720	6.850	6.676	9.774	11.00	-1.226



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	21.08	-1.40	1.61	24.00	11.00
Mid	5580	20.96	-1.40	1.61	24.00	11.00
High	5700	20.90	-1.40	1.61	24.00	11.00
144	5720	15.38	-1.40	1.61	22.87	11.00

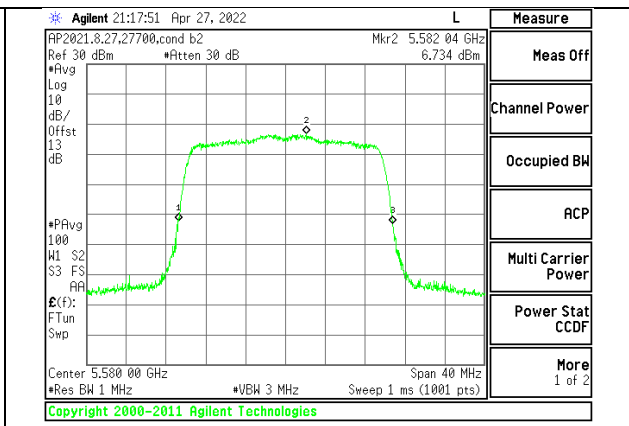
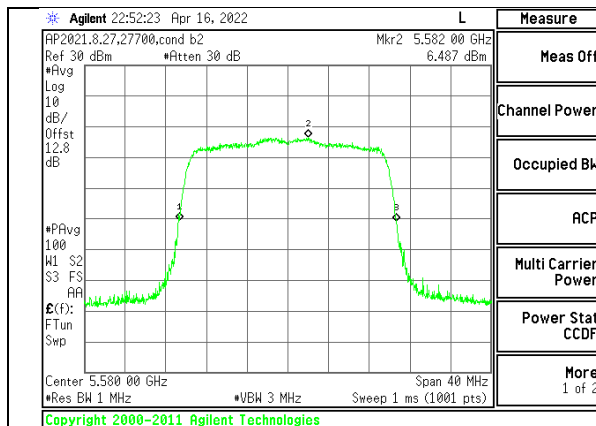
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.23	16.15	19.20	24.00	-4.80
Mid	5580	16.17	16.25	19.22	24.00	-4.78
High	5700	15.79	15.72	18.77	24.00	-5.23
144	5720	16.14	16.28	19.22	22.87	-3.65

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	5500	6.936	6.789	9.973	11.00	-1.027
Mid	5580	6.487	6.734	9.723	11.00	-1.277
High	5700	5.480	5.657	8.680	11.00	-2.320
144	5720	6.553	6.722	9.749	11.00	-1.251



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:	27700
Test Date:	07/09/2022

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	20.68	-1.60	24.00	11.00
Mid	5550	19.86	-1.60	23.98	11.00
High	5670	20.04	-1.60	24.00	11.00
142	5710	15.48	-1.60	22.90	11.00

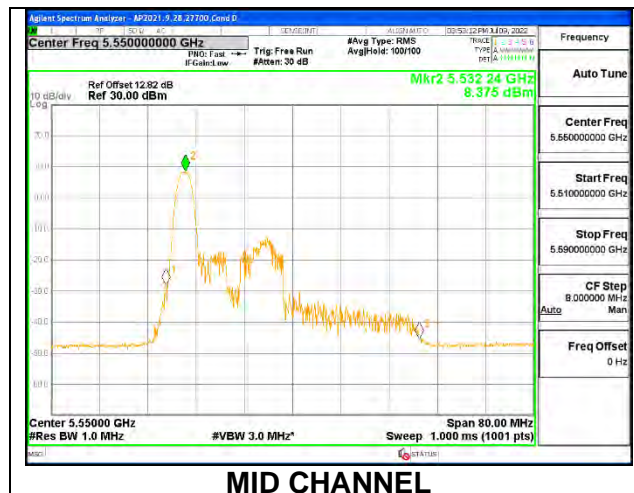
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.66	10.66	24.00	-13.34
Mid	5550	10.70	10.70	23.98	-13.28
High	5670	10.65	10.65	24.00	-13.35
142	5710	10.75	10.75	22.90	-12.15

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	5510	8.377	8.377	11.00	-2.623
Mid	5550	8.375	8.375	11.00	-2.625
High	5670	8.288	8.288	11.00	-2.712
142	5710	8.428	8.428	11.00	-2.572



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

Test Engineer:	27700
Test Date:	07/09/2022

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	22.66	-1.60	24.00	11.00
Mid	5550	23.52	-1.60	24.00	11.00
High	5670	23.64	-1.60	24.00	11.00
142	5710	16.90	-1.60	23.28	11.00

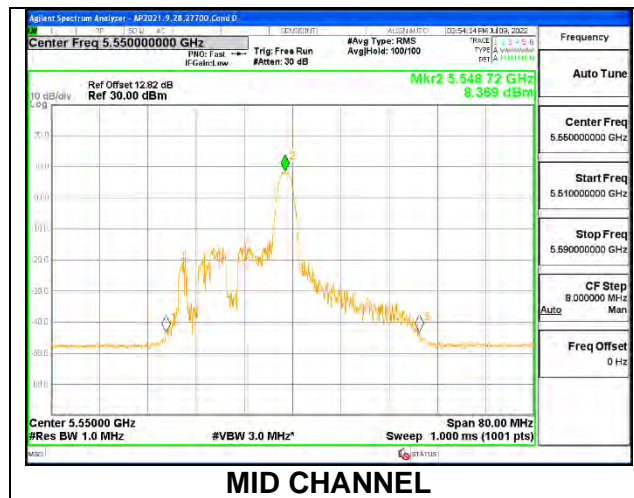
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.77	10.77	24.00	-13.23
Mid	5550	10.70	10.70	24.00	-13.30
High	5670	10.73	10.73	24.00	-13.27
142	5710	10.75	10.75	23.28	-12.53

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	8.880	8.880	11.00	-2.120
Mid	5550	8.369	8.369	11.00	-2.631
High	5670	8.891	8.891	11.00	-2.109
142	5710	8.550	8.550	11.00	-2.450



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

Test Engineer:	27700
Test Date:	07/09/2022

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	18.47	-1.60	23.67	11.00
Mid	5550	18.01	-1.60	23.56	11.00
High	5670	18.57	-1.60	23.69	11.00
142	5710	14.37	-1.60	22.57	11.00

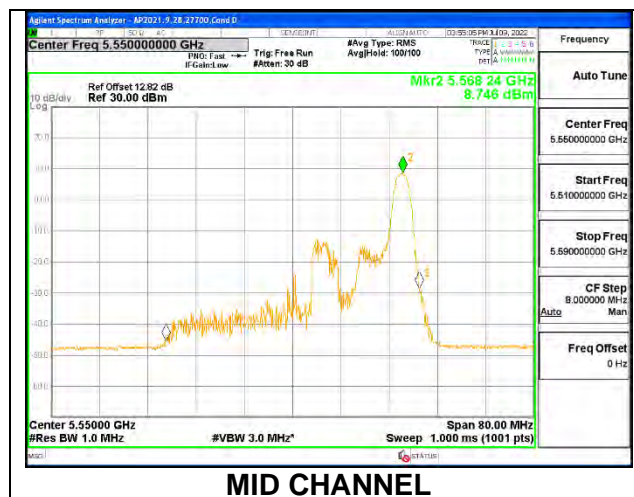
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.70	10.70	23.67	-12.97
Mid	5550	10.73	10.73	23.56	-12.83
High	5670	10.68	10.68	23.69	-13.01
142	5710	10.61	10.61	22.57	-11.96

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	8.732	8.732	11.00	-2.268
Mid	5550	8.746	8.746	11.00	-2.254
High	5670	8.286	8.286	11.00	-2.714
142	5710	8.659	8.659	11.00	-2.341



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	07/09/2022

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	42.22	-1.60	24.00	11.00
Mid	5550	40.98	-1.60	24.00	11.00
High	5670	44.03	-1.60	24.00	11.00
142	5710	41.21	-1.60	24.00	11.00

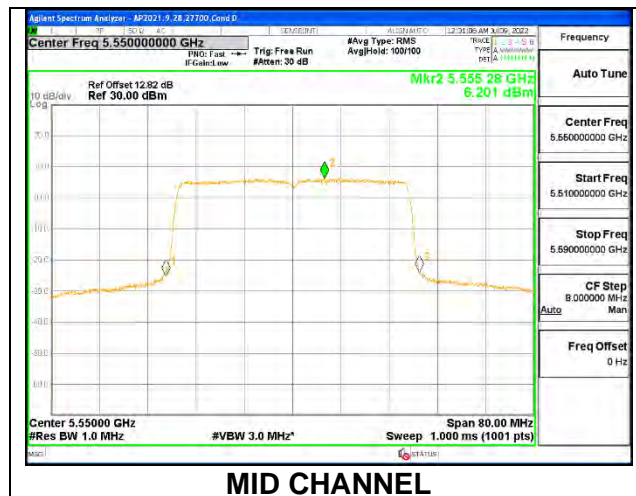
Duty Cycle CF (dB)	0.13	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.73	15.73	24.00	-8.27
Mid	5550	20.22	20.22	24.00	-3.78
High	5670	18.77	18.77	24.00	-5.23
142	5710	20.13	20.13	24.00	-3.87

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	1.913	2.043	11.00	-8.957
Mid	5550	6.201	6.331	11.00	-4.669
High	5670	4.630	4.760	11.00	-6.240
142	5710	5.906	6.036	11.00	-4.964



MID CHANNEL

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

Test Engineer:	27700
Test Date:	07/09/2022

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	21.30	-1.20	24.00	11.00
Mid	5550	19.91	-1.20	23.99	11.00
High	5670	21.07	-1.20	24.00	11.00
142	5710	20.62	-1.20	24.00	11.00

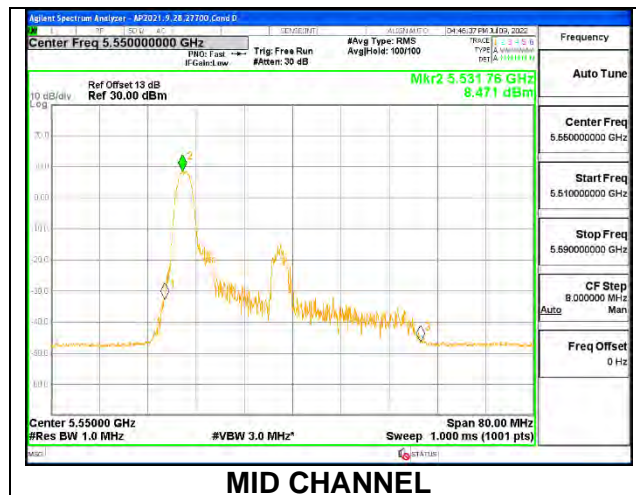
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.73	10.73	24.00	-13.27
Mid	5550	10.75	10.75	23.99	-13.24
High	5670	10.71	10.71	24.00	-13.29
142	5710	10.66	10.66	24.00	-13.34

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	8.696	8.696	11.00	-2.304
Mid	5550	8.471	8.471	11.00	-2.529
High	5670	8.472	8.472	11.00	-2.528
142	5710	8.117	8.117	11.00	-2.883



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

Test Engineer:	27700
Test Date:	07/09/2022

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	22.57	-1.20	24.00	11.00
Mid	5550	22.77	-1.20	24.00	11.00
High	5670	21.48	-1.20	24.00	11.00
142	5710	22.11	-1.20	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	10.67	10.67	24.00	-13.33
Mid	5550	10.74	10.74	24.00	-13.26
High	5670	10.62	10.62	24.00	-13.38
142	5710	10.65	10.65	24.00	-13.35

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	8.599	8.599	11.00	-2.401
Mid	5550	8.549	8.549	11.00	-2.451
High	5670	8.583	8.583	11.00	-2.417
142	5710	8.399	8.399	11.00	-2.601



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

Test Engineer:	27700
Test Date:	07/09/2022

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	20.35	-1.20	24.00	11.00
Mid	5550	20.40	-1.20	24.00	11.00
High	5670	21.19	-1.20	24.00	11.00
142	5710	20.53	-1.20	24.00	11.00

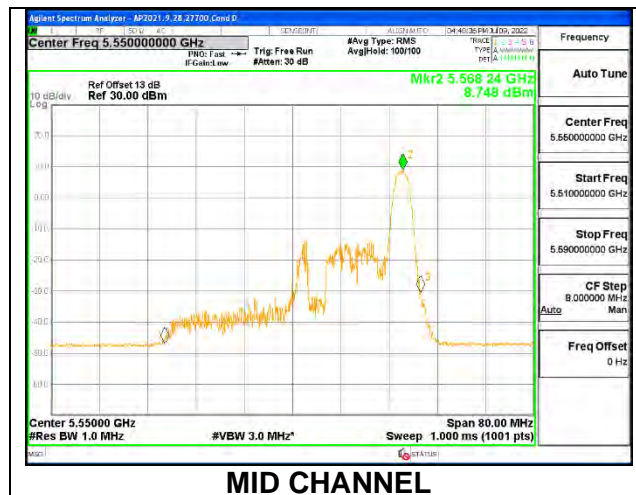
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.63	10.63	24.00	-13.37
Mid	5550	10.73	10.73	24.00	-13.27
High	5670	10.75	10.75	24.00	-13.25
142	5710	10.69	10.69	24.00	-13.31

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	8.610	8.610	11.00	-2.390
Mid	5550	8.748	8.748	11.00	-2.252
High	5670	8.448	8.448	11.00	-2.552
142	5710	8.790	8.790	11.00	-2.210



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	07/09/2022

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	43.91	-1.20	24.00	11.00
Mid	5550	40.94	-1.20	24.00	11.00
High	5670	41.86	-1.20	24.00	11.00
142	5710	40.91	-1.20	24.00	11.00

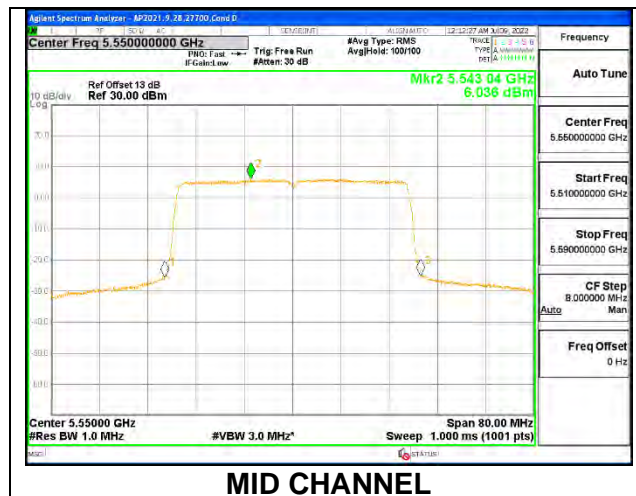
Duty Cycle CF (dB)	0.13	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.65	15.65	24.00	-8.35
Mid	5550	20.30	20.30	24.00	-3.70
High	5670	18.63	18.63	24.00	-5.37
142	5710	20.35	20.35	24.00	-3.65

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	5510	1.652	1.782	11.00	-9.218
Mid	5550	6.036	6.166	11.00	-4.834
High	5670	3.440	3.570	11.00	-7.430
142	5710	6.147	6.277	11.00	-4.723



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	19.88	-1.40	1.61	23.98	11.00
Mid	5550	20.01	-1.40	1.61	24.00	11.00
High	5670	19.28	-1.40	1.61	23.85	11.00
142	5710	19.78	-1.40	1.61	23.96	11.00

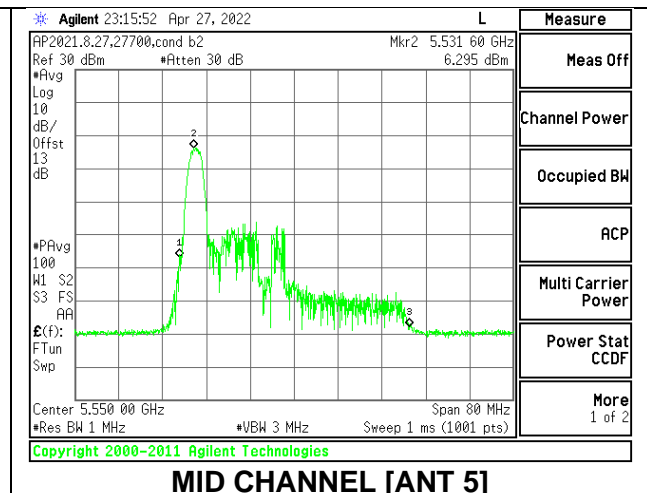
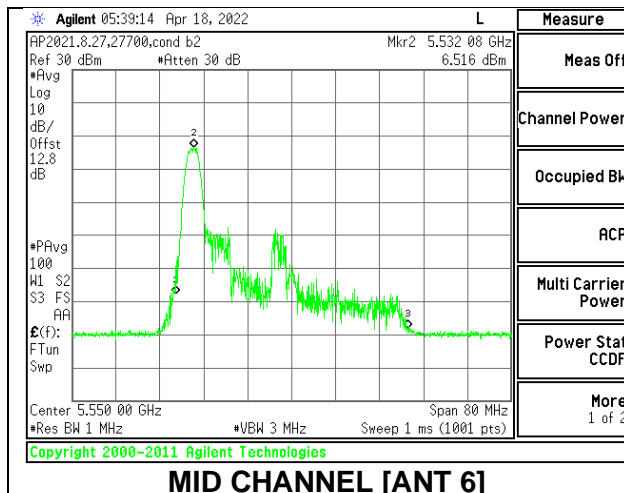
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.48	8.52	11.51	23.98	-12.47
Mid	5550	8.54	8.48	11.52	24.00	-12.48
High	5670	8.49	8.55	11.53	23.85	-12.32
142	5710	8.44	8.51	11.49	23.96	-12.48

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	6.226	6.245	9.246	11.00	-1.75
Mid	5550	6.516	6.295	9.417	11.00	-1.58
High	5670	6.297	6.651	9.488	11.00	-1.51
142	5710	6.472	6.565	9.529	11.00	-1.47



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	21.23	-1.40	1.61	24.00	11.00
Mid	5550	21.71	-1.40	1.61	24.00	11.00
High	5670	22.61	-1.40	1.61	24.00	11.00
142	5710	19.78	-1.40	1.61	23.96	11.00

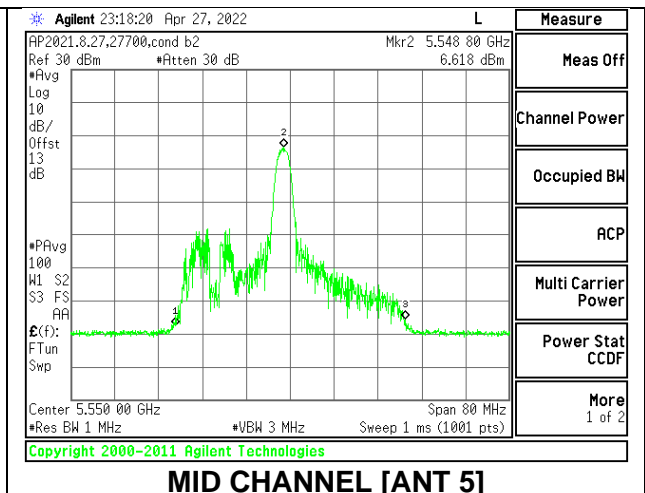
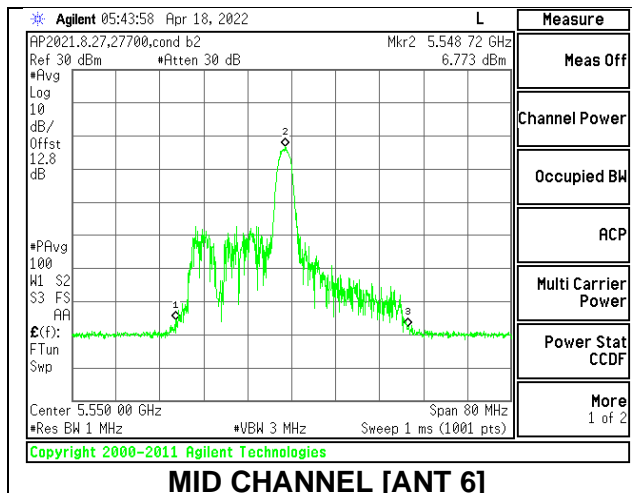
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.41	8.51	11.47	24.00	-12.53
Mid	5550	8.54	8.50	11.53	24.00	-12.47
High	5670	8.49	8.45	11.48	24.00	-12.52
142	5710	8.42	8.54	11.49	23.96	-12.47

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	6.296	6.829	9.581	11.00	-1.42
Mid	5550	6.773	6.618	9.706	11.00	-1.29
High	5670	6.185	6.125	9.165	11.00	-1.83
142	5710	6.343	6.750	9.562	11.00	-1.44



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

Test Engineer:	27700
Test Date:	04/18/22,04/27/22

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	19.16	-1.40	1.61	23.82	11.00
Mid	5550	19.36	-1.40	1.61	23.87	11.00
High	5670	20.16	-1.40	1.61	24.00	11.00
142	5710	18.64	-1.40	1.61	23.71	11.00

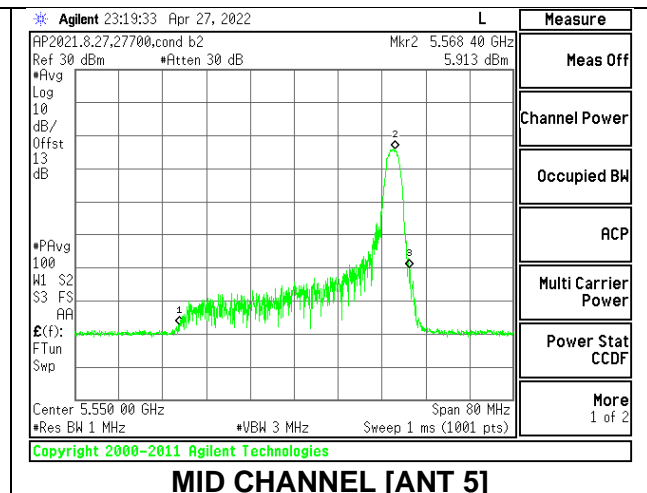
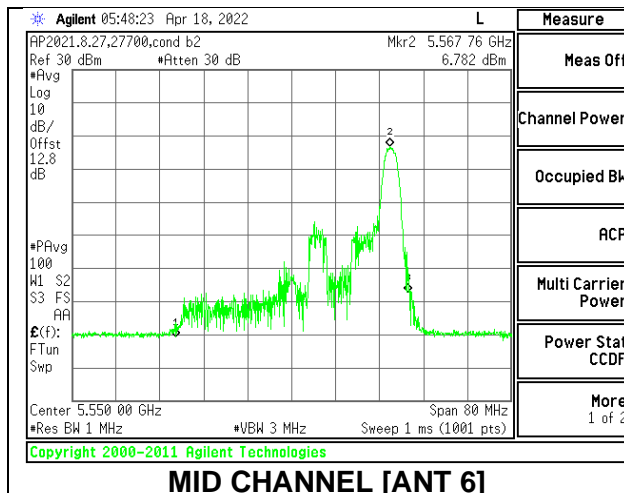
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.44	8.51	11.49	23.82	-12.34
Mid	5550	8.55	8.41	11.49	23.87	-12.38
High	5670	8.49	8.53	11.52	24.00	-12.48
142	5710	8.50	8.54	11.53	23.71	-12.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.311	6.508	9.421	11.00	-1.58
Mid	5550	6.782	5.913	9.379	11.00	-1.62
High	5670	6.521	6.609	9.576	11.00	-1.42
142	5710	6.342	6.431	9.397	11.00	-1.60



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

Test Engineer:	27700
Test Date:	04/16/22,04/27/22

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	42.04	-1.40	1.61	24.00	11.00
Mid	5550	41.12	-1.40	1.61	24.00	11.00
High	5670	42.17	-1.40	1.61	24.00	11.00
142	5710	40.89	-1.40	1.61	24.00	11.00

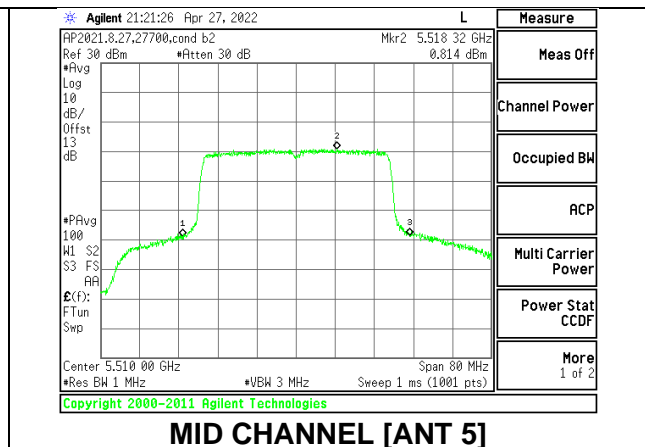
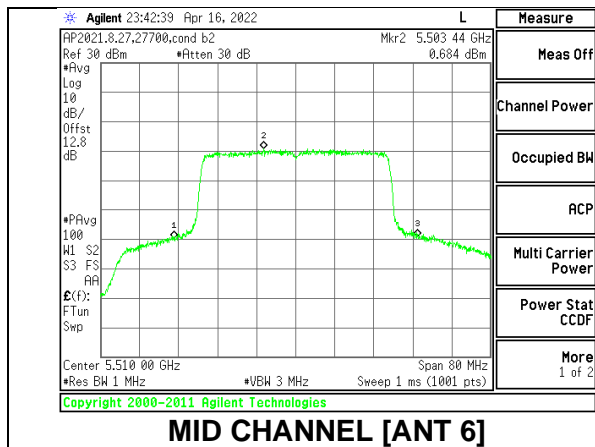
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	15.18	15.23	18.22	24.00	-5.78
Mid	5550	19.25	19.20	22.24	24.00	-1.76
High	5670	18.16	18.22	21.20	24.00	-2.80
142	5710	19.19	19.28	22.25	24.00	-1.75

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	0.684	0.814	3.890	11.00	-7.11
Mid	5550	5.189	5.175	8.322	11.00	-2.68
High	5670	4.302	4.418	7.501	11.00	-3.50
142	5710	4.952	5.312	8.276	11.00	-2.72



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:	27700
Test Date:	07/08/2022

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	19.82	-1.60	23.97	11.00
High	5610	19.67	-1.60	23.94	11.00
138	5690	19.75	-1.60	23.96	11.00

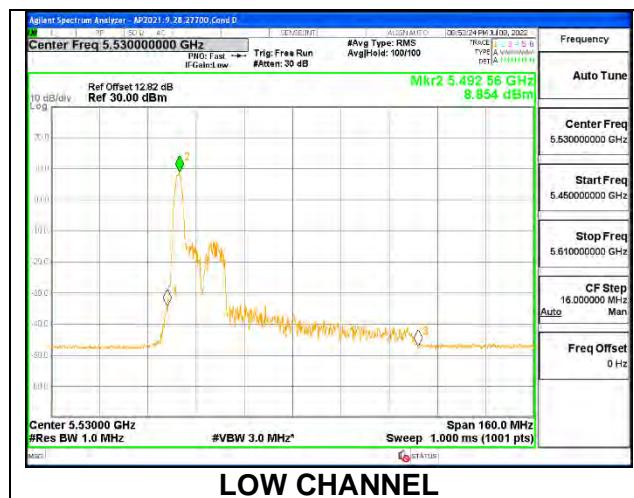
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.74	10.74	23.97	-13.23
High	5610	10.65	10.65	23.94	-13.29
138	5690	10.69	10.69	23.96	-13.27

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	8.854	8.854	11.00	-2.146
High	5610	8.386	8.386	11.00	-2.614
138	5690	8.126	8.126	11.00	-2.874



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

Test Engineer:	27700
Test Date:	07/08/2022

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	38.65	-1.60	24.00	11.00
High	5610	40.43	-1.60	24.00	11.00
138	5690	41.22	-1.60	24.00	11.00

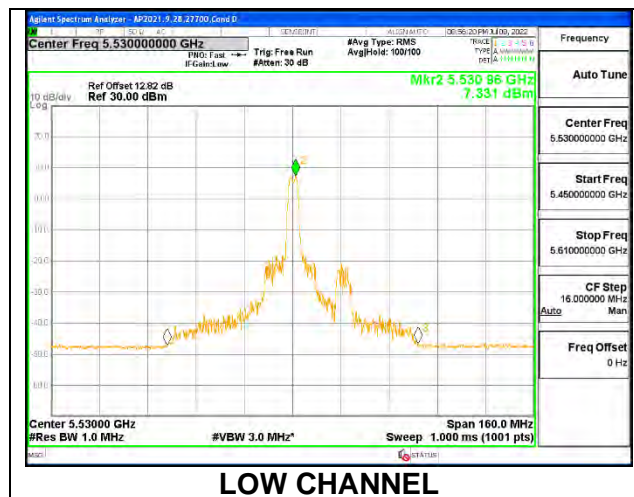
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.76	10.76	24.00	-13.24
High	5610	10.70	10.70	24.00	-13.30
138	5690	10.73	10.73	24.00	-13.27

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	7.331	7.331	11.00	-3.669
High	5610	7.266	7.266	11.00	-3.734
138	5690	7.277	7.277	11.00	-3.723



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

Test Engineer:	27700
Test Date:	07/08/2022

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	20.49	-1.60	24.00	11.00
High	5610	20.43	-1.60	24.00	11.00
138	5690	20.49	-1.60	24.00	11.00

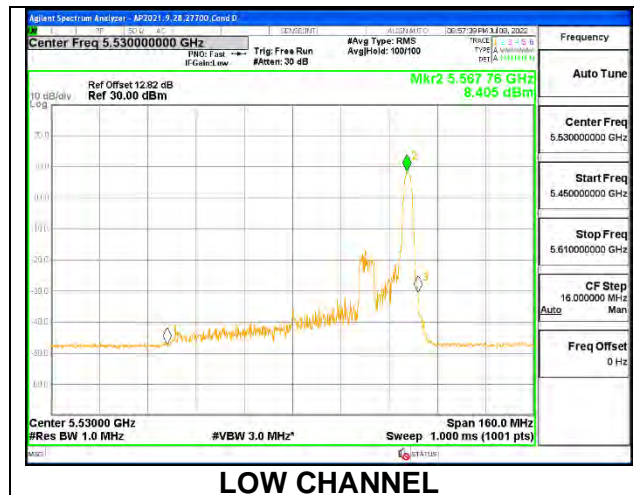
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.72	10.72	24.00	-13.28
High	5610	10.75	10.75	24.00	-13.25
138	5690	10.56	10.56	24.00	-13.44

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	8.405	8.405	11.00	-2.595
High	5610	8.593	8.593	11.00	-2.407
138	5690	8.075	8.075	11.00	-2.925



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/16/22

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	83.26	-1.60	24.00	11.00
High	5610	82.09	-1.60	24.00	11.00
138	5690	81.59	-1.60	24.00	11.00

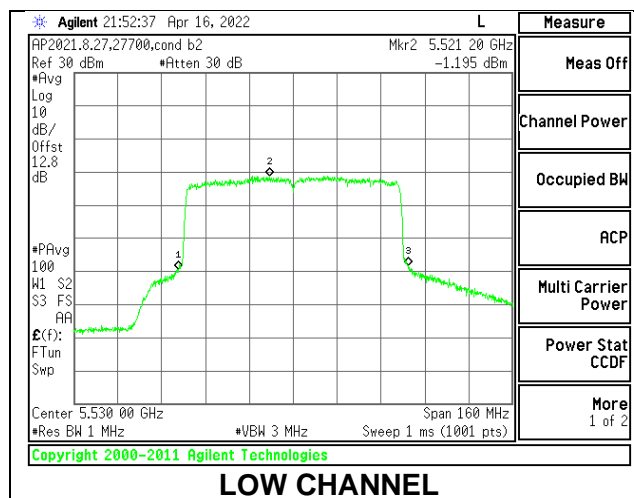
Duty Cycle CF (dB)	0.26	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.74	15.74	24.00	-8.26
High	5610	20.18	20.18	24.00	-3.82
138	5690	20.23	20.23	24.00	-3.77

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	5530	-1.195	-0.935	11.00	-11.935
High	5610	3.128	3.388	11.00	-7.612
138	5690	3.211	3.471	11.00	-7.529



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

Test Engineer:	27700
Test Date:	07/08/2022

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	19.75	-1.20	23.96	11.00
High	5610	19.40	-1.20	23.88	11.00
138	5690	19.75	-1.20	23.96	11.00

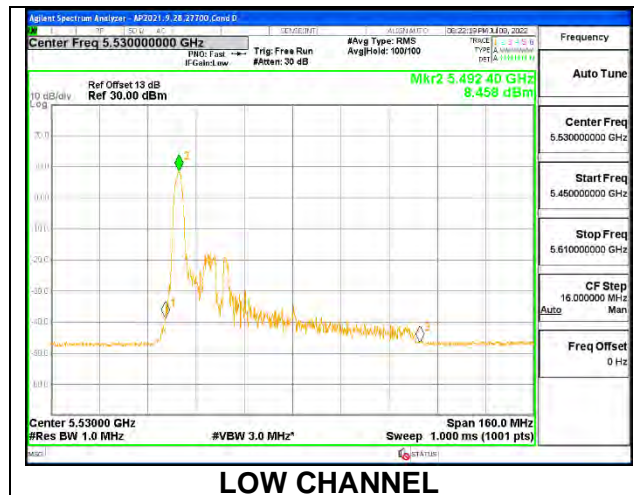
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.68	10.68	23.96	-13.28
High	5610	10.75	10.75	23.88	-13.13
138	5690	10.73	10.73	23.96	-13.23

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	8.458	8.458	11.00	-2.542
High	5610	8.506	8.506	11.00	-2.494
138	5690	8.594	8.594	11.00	-2.406



LOW CHANNEL

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

Test Engineer:	27700
Test Date:	07/08/2022

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	38.28	-1.20	24.00	11.00
High	5610	38.45	-1.20	24.00	11.00
138	5690	40.46	-1.20	24.00	11.00

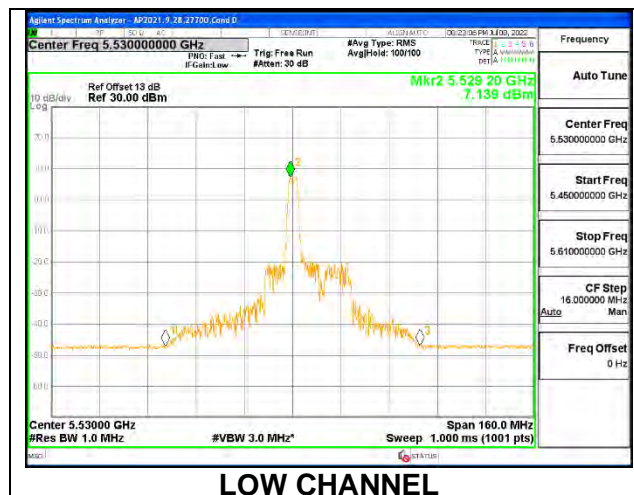
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.65	10.65	24.00	-13.35
High	5610	10.71	10.71	24.00	-13.29
138	5690	10.68	10.68	24.00	-13.32

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	7.139	7.139	11.00	-3.861
High	5610	7.282	7.282	11.00	-3.718
138	5690	6.957	6.957	11.00	-4.043



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

Test Engineer:	27700
Test Date:	07/08/2022

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	20.45	-1.20	24.00	11.00
High	5610	20.11	-1.20	24.00	11.00
138	5690	20.46	-1.20	24.00	11.00

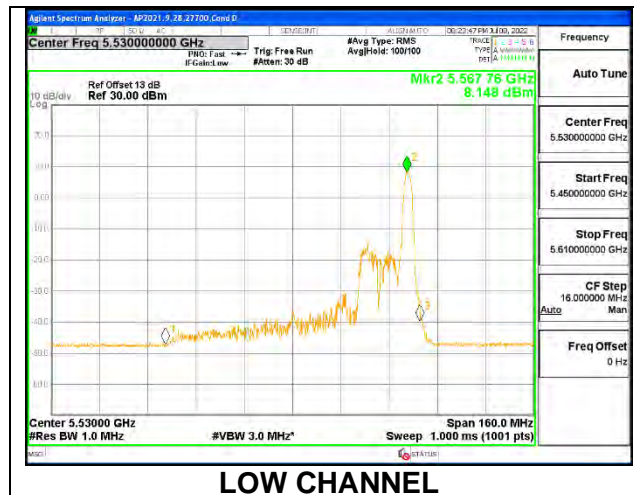
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.60	10.60	24.00	-13.40
High	5610	10.69	10.69	24.00	-13.31
138	5690	10.73	10.73	24.00	-13.27

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	8.148	8.148	11.00	-2.852
High	5610	8.484	8.484	11.00	-2.516
138	5690	8.417	8.417	11.00	-2.583



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	27700
Test Date:	04/28/22

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	82.51	-1.20	24.00	11.00
High	5610	82.71	-1.20	24.00	11.00
138	5690	81.81	-1.20	24.00	11.00

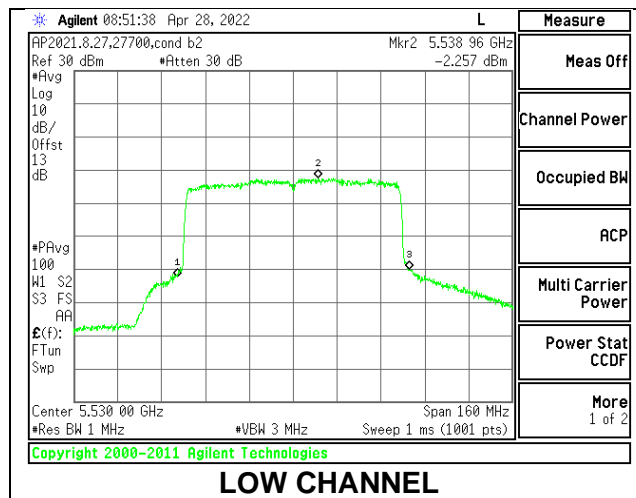
Duty Cycle CF (dB)	0.26	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.63	15.63	24.00	-8.37
High	5610	20.28	20.28	24.00	-3.72
138	5690	20.18	20.18	24.00	-3.82

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	-2.257	-1.997	11.00	-12.997
High	5610	2.802	3.062	11.00	-7.938
138	5690	2.851	3.111	11.00	-7.889



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

Test Engineer:	27700
Test Date:	04/18/22,04/28/22

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	19.42	-1.40	1.61	23.88	11.00
High	5610	19.32	-1.40	1.61	23.86	11.00
138	5690	19.55	-1.40	1.61	23.91	11.00

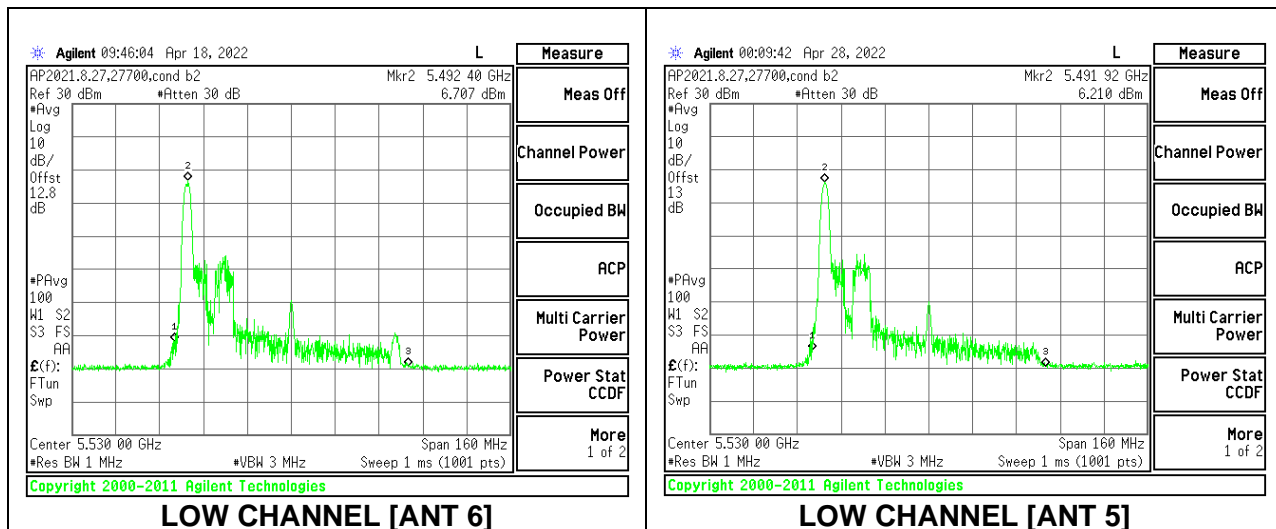
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.53	8.42	11.49	23.88	-12.40
High	5610	8.71	8.51	11.62	23.86	-12.24
138	5690	8.66	8.46	11.57	23.91	-12.34

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	6.707	6.210	9.476	11.00	-1.524
High	5610	6.355	6.251	9.314	11.00	-1.686
138	5690	6.543	6.724	9.645	11.00	-1.355



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

Test Engineer:	27700
Test Date:	04/18/22,04/28/22

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	36.38	-1.40	1.61	24.00	11.00
High	5610	38.61	-1.40	1.61	24.00	11.00
138	5690	38.58	-1.40	1.61	24.00	11.00

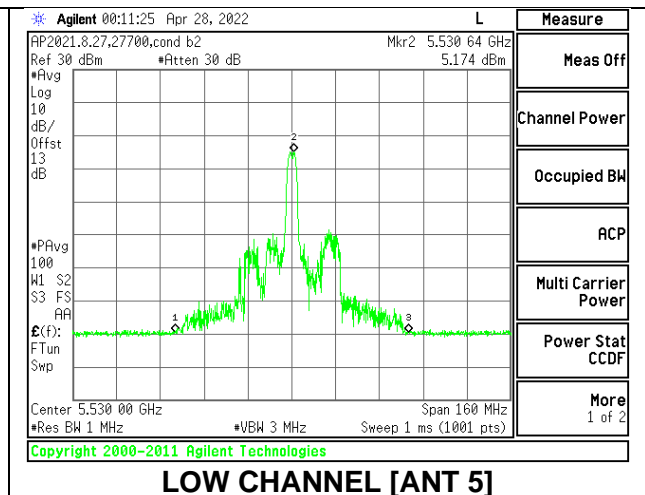
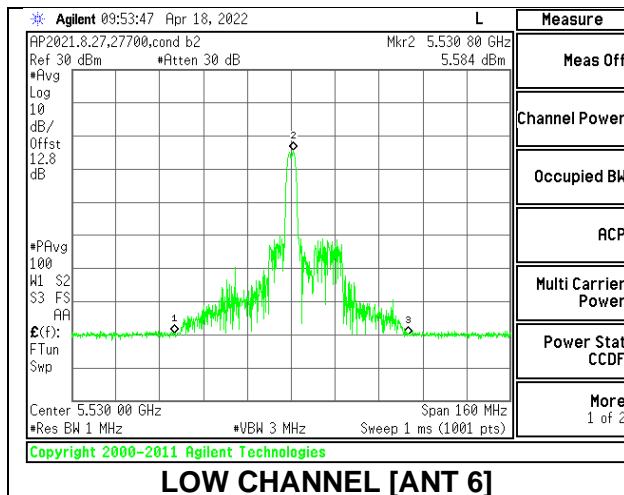
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.54	8.47	11.52	24.00	-12.48
High	5610	8.53	8.48	11.52	24.00	-12.48
138	5690	8.50	8.55	11.54	24.00	-12.46

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	5.584	5.174	8.394	11.00	-2.606
High	5610	5.384	5.106	8.258	11.00	-2.742
138	5690	5.317	5.522	8.431	11.00	-2.569



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

Test Engineer:	27700
Test Date:	04/18/22,04/28/22

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	19.40	-1.40	1.61	23.88	11.00
High	5610	19.37	-1.40	1.61	23.87	11.00
138	5690	19.41	-1.40	1.61	23.88	11.00

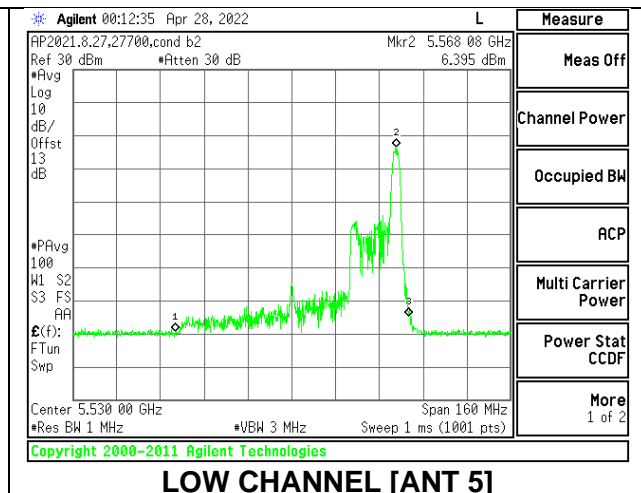
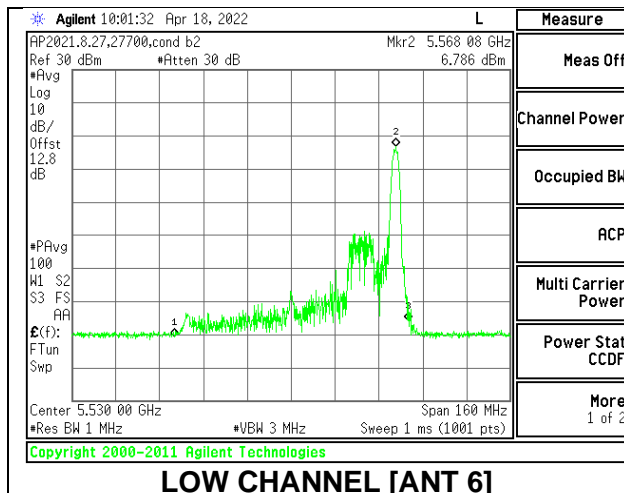
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.50	8.43	11.48	23.88	-12.40
High	5610	8.45	8.53	11.50	23.87	-12.37
138	5690	8.49	8.52	11.52	23.88	-12.36

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	6.786	6.395	9.605	11.00	-1.395
High	5610	6.311	6.410	9.371	11.00	-1.629
138	5690	6.128	6.175	9.162	11.00	-1.838



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

Test Engineer:	27700
Test Date:	04/17/22,04/27/22

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	82.46	-1.40	1.61	24.00	11.00
High	5610	81.97	-1.40	1.61	24.00	11.00
138	5690	81.64	-1.40	1.61	24.00	11.00

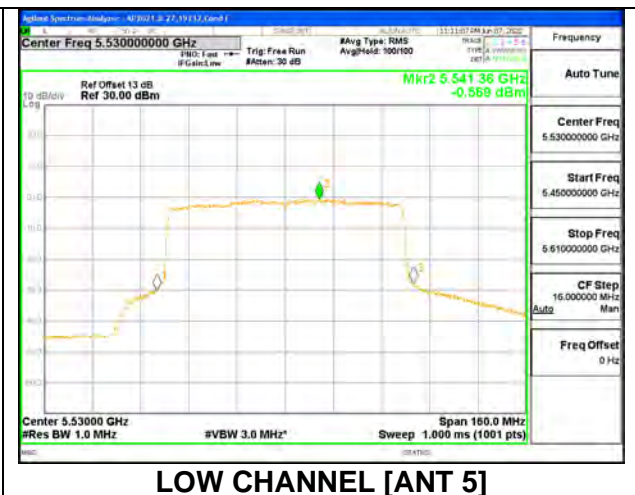
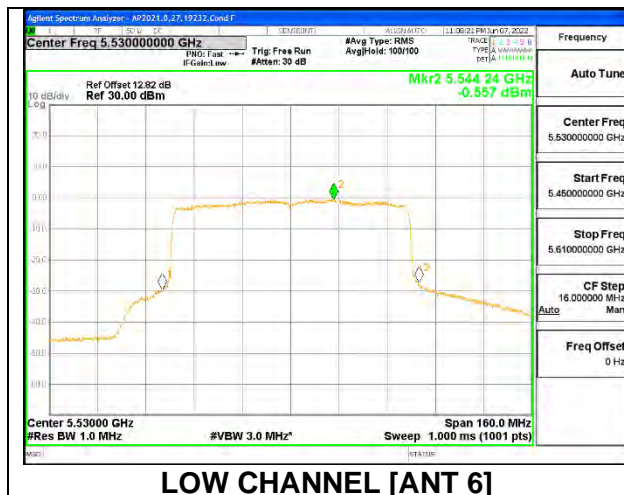
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.70	14.67	17.70	24.00	-6.30
High	5610	19.69	19.73	22.72	24.00	-1.28
138	5690	19.63	19.79	22.72	24.00	-1.28

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.557	-0.569	2.707	11.00	-8.293
High	5610	2.820	2.877	6.119	11.00	-4.881
138	5690	2.713	3.115	6.189	11.00	-4.811



9.4.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC+ IC)

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.90	30.00	30.00
Mid	5785	-1.90	30.00	30.00
High	5825	-1.90	30.00	30.00

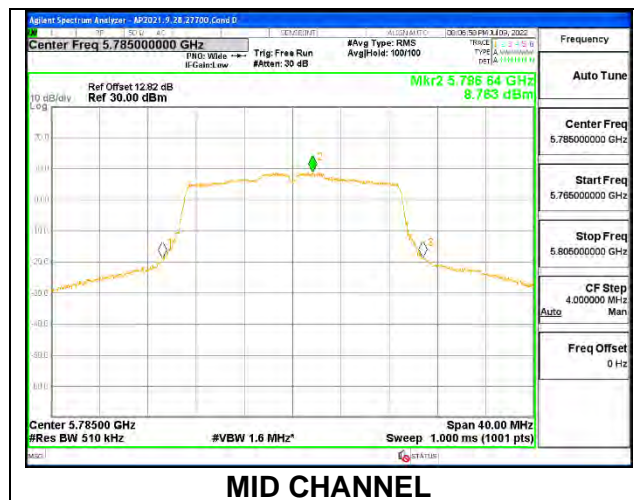
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.230	21.230	30.00	-8.77
Mid	5785	21.200	21.200	30.00	-8.80
High	5825	21.150	21.150	30.00	-8.85

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	8.858	8.998	21.002	-12.00
Mid	5785	8.763	8.903	21.097	-12.19
High	5825	8.883	9.023	20.977	-11.95



1TX Antenna 5 MODE (FCC + IC)

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.40	30.00	30.00
Mid	5785	-2.40	30.00	30.00
High	5825	-2.40	30.00	30.00

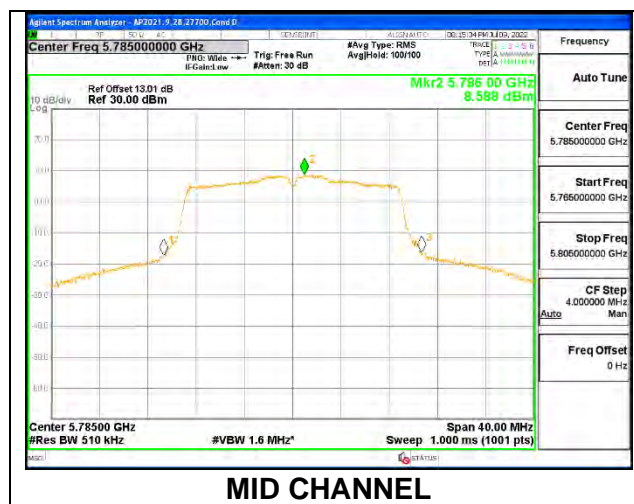
Duty Cycle CF (dB)	0.14	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.190	21.190	30.00	-8.81
Mid	5785	21.140	21.140	30.00	-8.86
High	5825	21.230	21.230	30.00	-8.77

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	8.755	8.895	30.00	-21.11
Mid	5785	8.588	8.728	30.00	-21.27
High	5825	9.050	9.190	30.00	-20.81



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

Test Engineer:	27700
Test Date:	07/10/2022

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	-2.14	0.86	30.00	30.00
Mid	5785	-2.14	0.86	30.00	30.00
High	5825	-2.14	0.86	30.00	30.00

Duty Cycle CF (dB)	0.14	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	21.18	21.21	24.21	30.00	-5.79
Mid	5785	21.23	21.18	24.22	30.00	-5.78
High	5825	21.19	21.16	24.19	30.00	-5.81

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	8.785	8.842	11.964	30.00	-18.036
Mid	5785	8.894	8.705	11.951	30.00	-18.049
High	5825	9.012	8.725	12.021	30.00	-17.979



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)

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.90	30.00	30.00
High	5795	-1.90	30.00	30.00

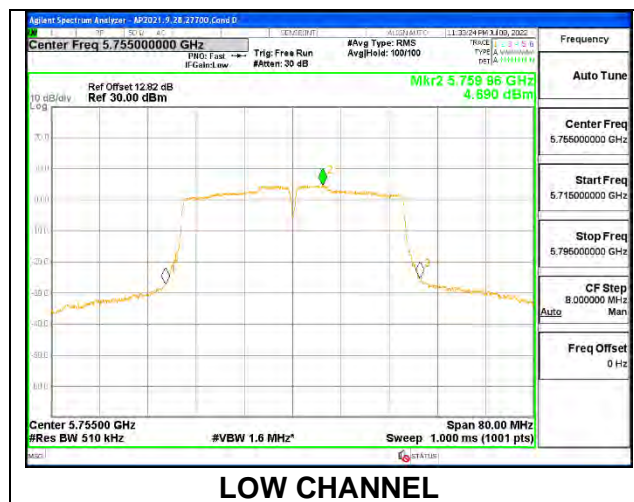
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.210	20.210	30.00	-9.79
High	5795	20.170	20.170	30.00	-9.83

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	4.690	4.900	30.00	-25.10
High	5795	4.606	4.816	30.00	-25.18



LOW CHANNEL

1TX Antenna 5 MODE (FCC)

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-2.40	30.00	30.00
High	5795	-2.40	30.00	30.00

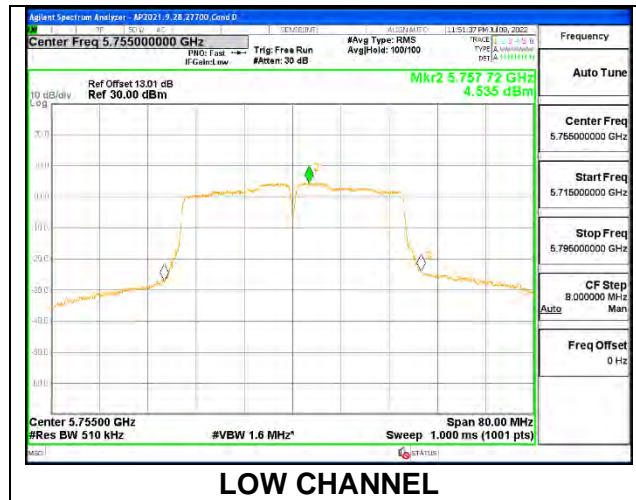
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.190	20.190	30.00	-9.81
High	5795	20.230	20.230	30.00	-9.77

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	4.535	4.745	30.00	-25.26
High	5795	4.915	5.125	30.00	-24.88



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

Test Engineer:	27700
Test Date:	07/09/2022

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	-2.14	0.86	30.00	30.00
High	5795	-2.14	0.86	30.00	30.00

Duty Cycle CF (dB)	0.21	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	20.20	20.25	23.24	30.00	-6.76
High	5795	20.16	20.23	23.21	30.00	-6.79

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	4.797	4.858	8.048	30.00	-21.952
High	5825	4.647	4.887	7.989	30.00	-22.011



LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

9.4.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.90	30.00	30.00

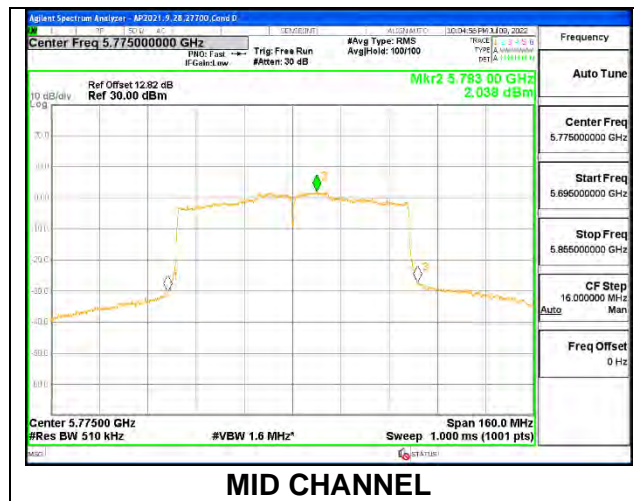
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.170	20.170	30.00	-9.83

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	2.038	2.388	30.00	-27.61



1TX Antenna 5 MODE (FCC)

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-2.40	30.00	30.00

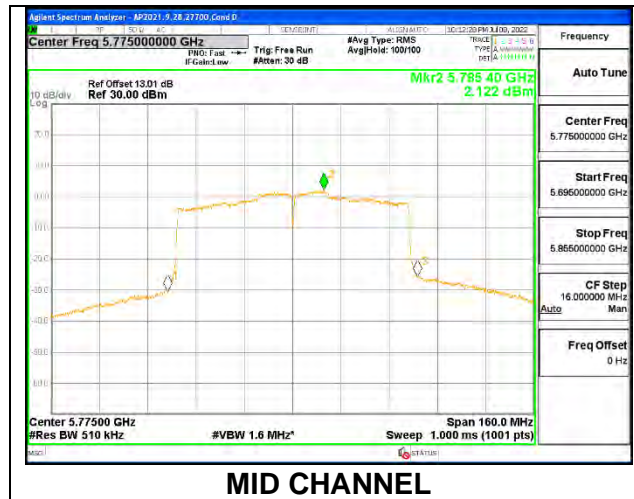
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.210	20.210	30.00	-9.79

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	2.122	2.472	30.00	-27.53



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

Test Engineer:	27700
Test Date:	07/08/2022

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	-2.14	0.86	30.00	30.00

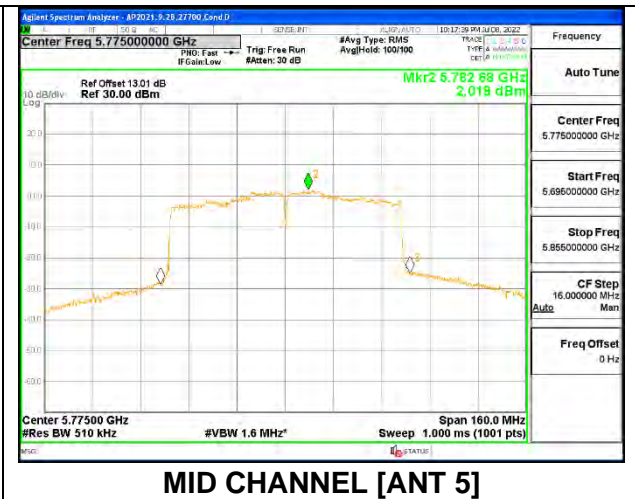
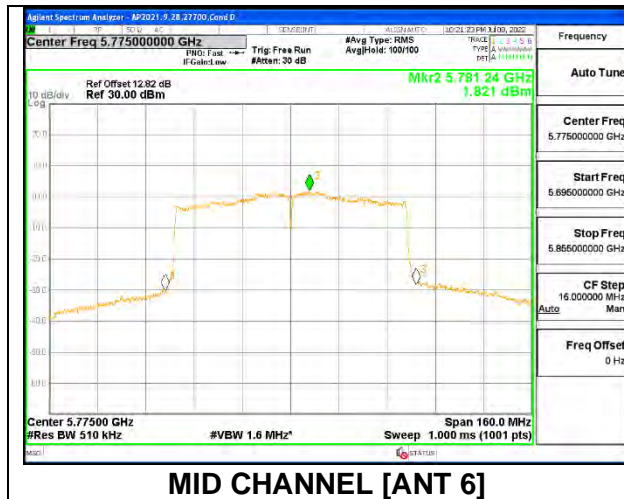
Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd PSD
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Output Power Results

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	20.17	20.22	23.21	30.00	-6.79

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	1.821	2.018	5.281	30.00	-24.719



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:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.90	30.00	30.00
Mid	5785	-1.90	30.00	30.00
High	5825	-1.90	30.00	30.00

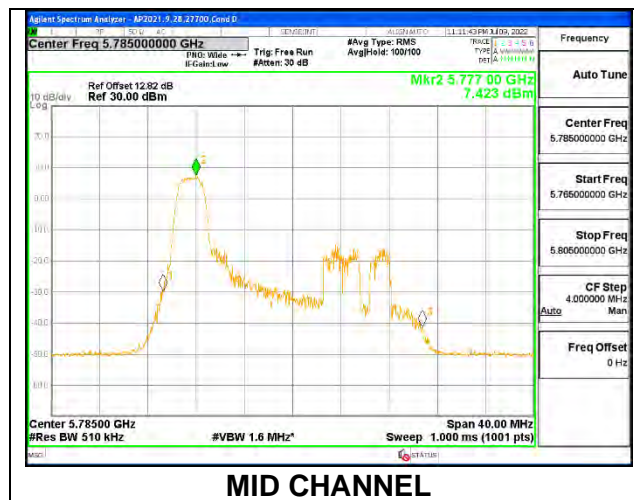
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.70	11.70	30.00	-18.30
Mid	5785	11.73	11.73	30.00	-18.27
High	5825	11.69	11.69	30.00	-18.31

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	6.950	6.950	30.00	-23.05
Mid	5785	7.423	7.423	30.00	-22.58
High	5825	6.837	6.837	30.00	-23.16



MID CHANNEL

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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.90	30.00	30.00
Mid	5785	-1.90	30.00	30.00
High	5825	-1.90	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 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.75	11.75	30.00	-18.25
Mid	5785	11.70	11.70	30.00	-18.30
High	5825	11.73	11.73	30.00	-18.27

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	6.835	6.835	30.00	-23.17
Mid	5785	6.766	6.766	30.00	-23.23
High	5825	7.069	7.069	30.00	-22.93



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.90	30.00	30.00
Mid	5785	-1.90	30.00	30.00
High	5825	-1.90	30.00	30.00

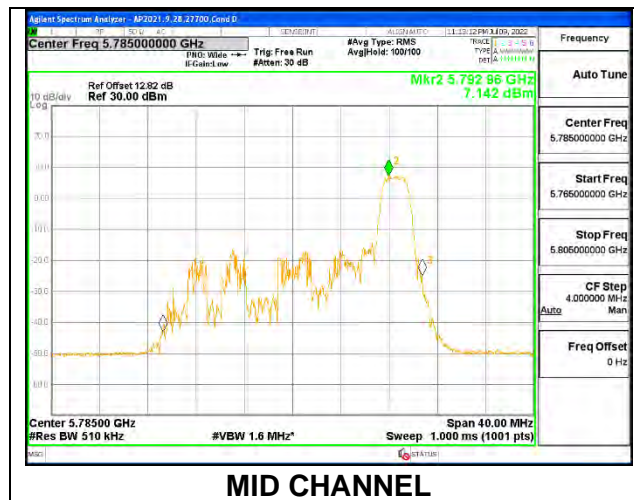
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.67	11.67	30.00	-18.33
Mid	5785	11.74	11.74	30.00	-18.26
High	5825	11.78	11.78	30.00	-18.22

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	6.898	6.898	30.00	-23.10
Mid	5785	7.142	7.142	30.00	-22.86
High	5825	7.503	7.503	30.00	-22.50



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.90	30.00	30.00
Mid	5785	-1.90	30.00	30.00
High	5825	-1.90	30.00	30.00

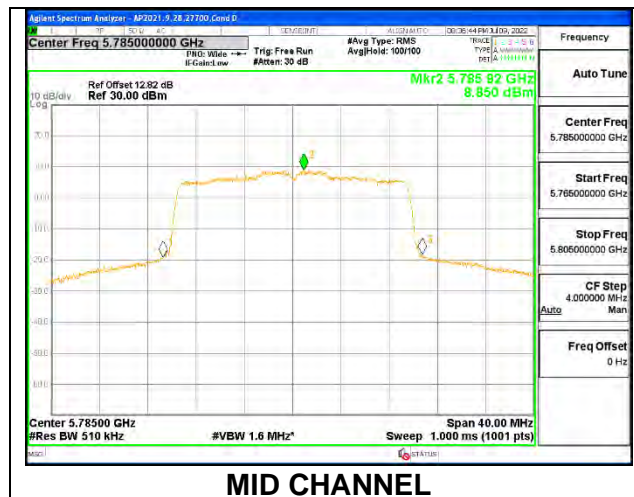
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.24	21.24	30.00	-8.76
Mid	5785	21.19	21.19	30.00	-8.81
High	5825	21.20	21.20	30.00	-8.80

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	8.563	8.663	30.00	-21.34
Mid	5785	8.850	8.950	30.00	-21.05
High	5825	8.666	8.766	30.00	-21.23



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

Test Engineer:	27700
Test Date:	07/10/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.40	30.00	30.00
Mid	5785	-2.40	30.00	30.00
High	5825	-2.40	30.00	30.00

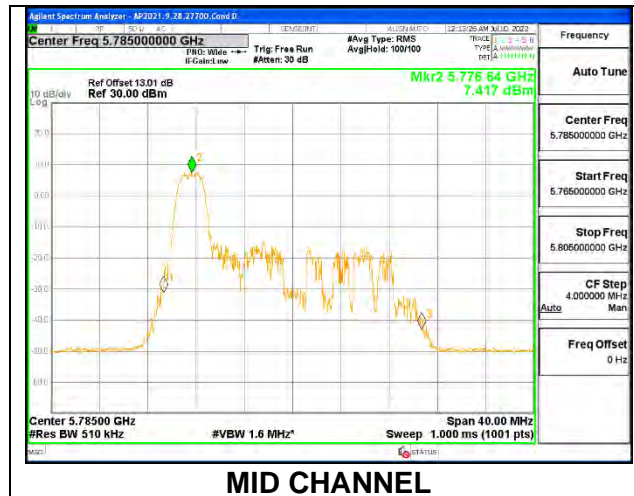
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.75	11.75	30.00	-18.25
Mid	5785	11.70	11.70	30.00	-18.30
High	5825	11.77	11.77	30.00	-18.23

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	7.063	7.063	30.00	-22.94
Mid	5785	7.417	7.417	30.00	-22.58
High	5825	7.183	7.183	30.00	-22.82



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

Test Engineer:	27700
Test Date:	07/10/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.40	30.00	30.00
Mid	5785	-2.40	30.00	30.00
High	5825	-2.40	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	11.73	11.73	30.00	-18.27
Mid	5785	11.67	11.67	30.00	-18.33
High	5825	11.74	11.74	30.00	-18.26

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	6.927	6.927	30.00	-23.07
Mid	5785	6.668	6.668	30.00	-23.33
High	5825	7.065	7.065	30.00	-22.94



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

Test Engineer:	27700
Test Date:	07/10/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.40	30.00	30.00
Mid	5785	-2.40	30.00	30.00
High	5825	-2.40	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	11.71	11.71	30.00	-18.29
Mid	5785	11.65	11.65	30.00	-18.35
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	6.922	6.922	30.00	-23.08
Mid	5785	6.904	6.904	30.00	-23.10
High	5825	7.442	7.442	30.00	-22.56



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-2.40	30.00	30.00
Mid	5785	-2.40	30.00	30.00
High	5825	-2.40	30.00	30.00

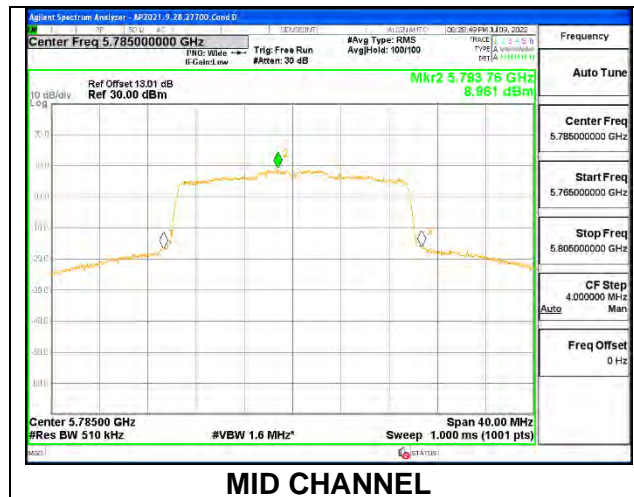
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.17	21.17	30.00	-8.83
Mid	5785	21.26	21.26	30.00	-8.74
High	5825	21.29	21.29	30.00	-8.71

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	8.448	8.548	30.00	-21.45
Mid	5785	8.961	9.061	30.00	-20.94
High	5825	8.754	8.854	30.00	-21.15



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

Test Engineer:	27700
Test Date:	07/10/2022

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	-2.14	0.86	30.00	30.00
Mid	5785	-2.14	0.86	30.00	30.00
High	5825	-2.14	0.86	30.00	30.00

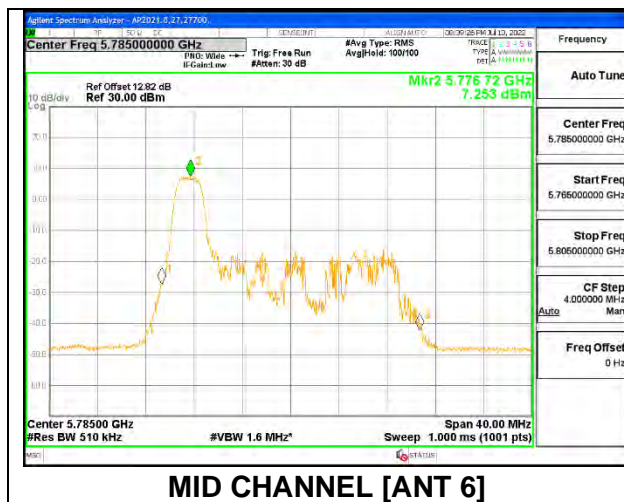
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	11.71	11.64	14.69	30.00	-15.31
Mid	5785	11.75	11.70	14.74	30.00	-15.26
High	5825	11.78	11.69	14.75	30.00	-15.25

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	7.214	7.071	10.153	30.00	-19.847
Mid	5785	7.253	7.087	10.181	30.00	-19.819
High	5825	7.125	6.920	10.034	30.00	-19.966



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

Test Engineer:	27700
Test Date:	07/10/2022

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	-2.14	0.86	30.00	30.00
Mid	5785	-2.14	0.86	30.00	30.00
High	5825	-2.14	0.86	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	11.65	14.71	30.00	-15.29
Mid	5785	11.71	11.79	14.76	30.00	-15.24
High	5825	11.73	11.70	14.73	30.00	-15.27

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	6.828	6.530	9.692	30.00	-20.308
Mid	5785	6.699	6.966	9.845	30.00	-20.155
High	5825	6.763	6.325	9.560	30.00	-20.440



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

Test Engineer:	27700
Test Date:	07/10/2022

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	-2.14	0.86	30.00	30.00
Mid	5785	-2.14	0.86	30.00	30.00
High	5825	-2.14	0.86	30.00	30.00

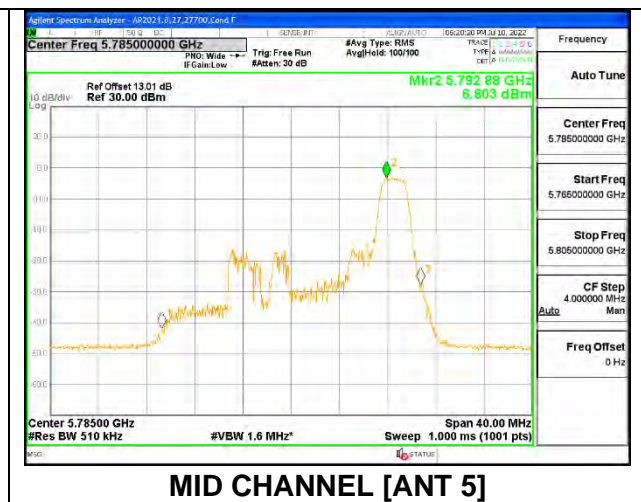
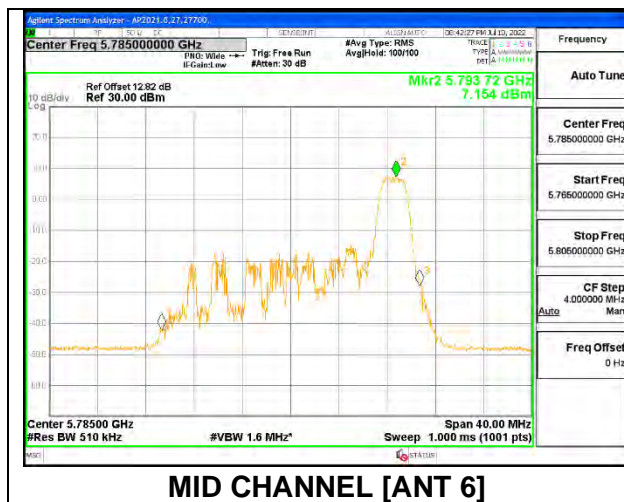
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	11.71	11.64	14.69	30.00	-15.31
Mid	5785	11.73	11.61	14.68	30.00	-15.32
High	5825	11.75	11.67	14.72	30.00	-15.28

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	7.046	6.927	9.997	30.00	-20.003
Mid	5785	7.154	6.803	9.992	30.00	-20.008
High	5825	6.994	6.677	9.849	30.00	-20.151



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

Test Engineer:	27700
Test Date:	07/10/2022

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	-2.14	0.86	30.00	30.00
Mid	5785	-2.14	0.86	30.00	30.00
High	5825	-2.14	0.86	30.00	30.00

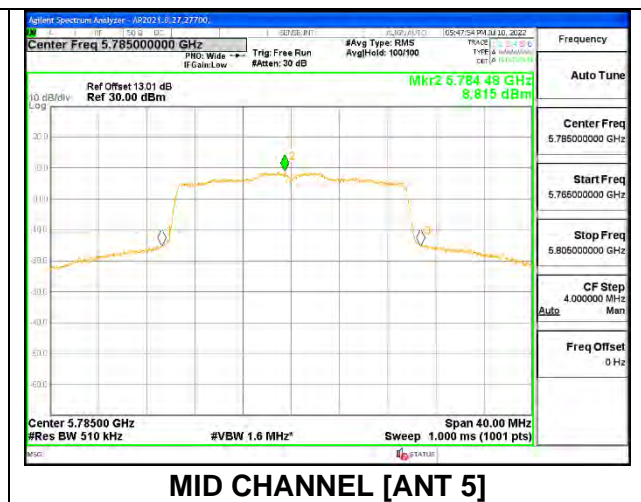
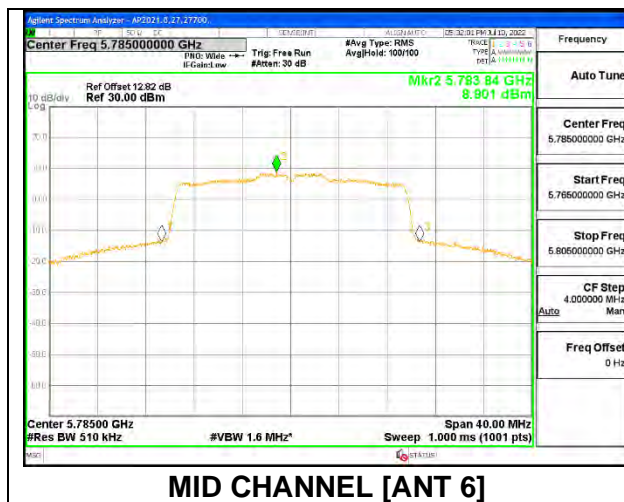
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.23	21.18	24.22	30.00	-5.78
Mid	5785	21.31	21.23	24.28	30.00	-5.72
High	5825	21.18	21.20	24.20	30.00	-5.80

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	8.693	8.538	11.726	30.00	-18.274
Mid	5785	8.901	8.815	11.969	30.00	-18.031
High	5825	8.275	8.525	11.512	30.00	-18.488



9.4.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.90	30.00	30.00
High	5795	-1.90	30.00	30.00

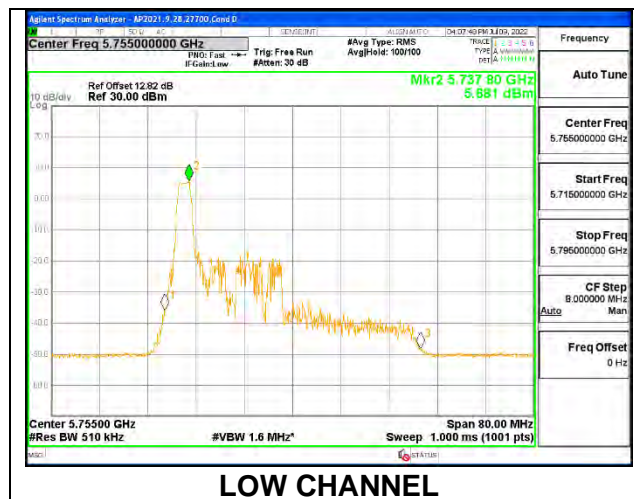
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.67	10.67	30.00	-19.33
High	5795	10.63	10.63	30.00	-19.37

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	5.681	5.681	30.00	-24.32
High	5795	5.624	5.624	30.00	-24.38



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.90	30.00	30.00
High	5795	-1.90	30.00	30.00

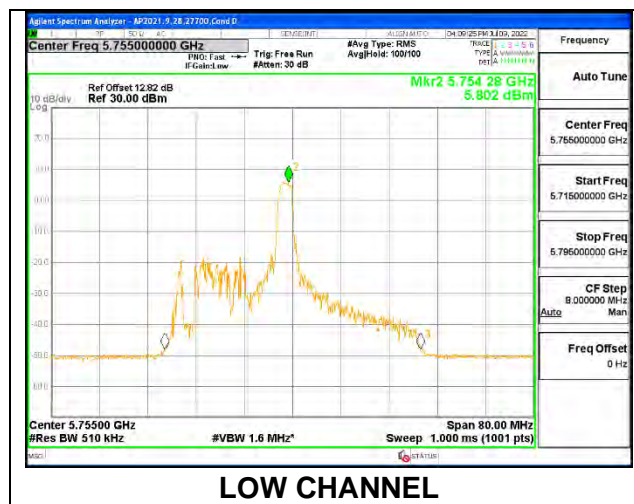
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.70	10.70	30.00	-19.30
High	5795	10.73	10.73	30.00	-19.27

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	5.802	5.802	30.00	-24.20
High	5795	5.897	5.897	30.00	-24.10



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.90	30.00	30.00
High	5795	-1.90	30.00	30.00

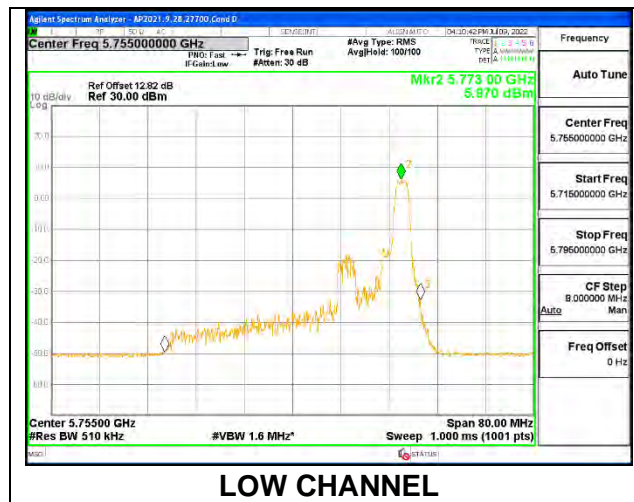
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.78	10.78	30.00	-19.22
High	5795	10.69	10.69	30.00	-19.31

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	5.970	5.970	30.00	-24.03
High	5795	5.725	5.725	30.00	-24.28



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.90	30.00	30.00
High	5795	-1.90	30.00	30.00

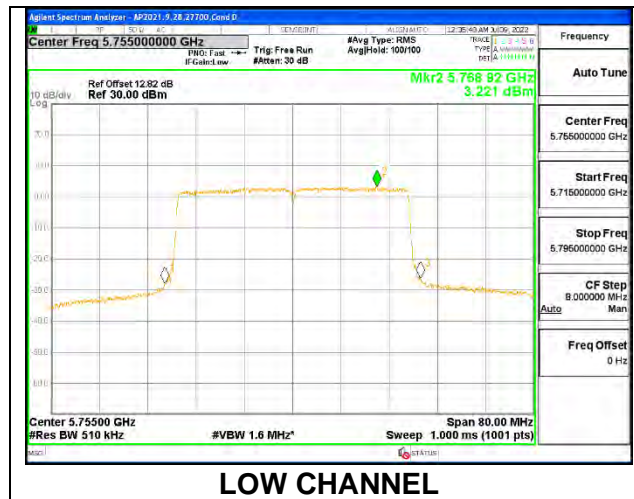
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.17	20.17	30.00	-9.83
High	5795	20.24	20.24	30.00	-9.76

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	3.221	3.351	30.00	-26.65
High	5795	3.295	3.425	30.00	-26.58



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-2.40	30.00	30.00
High	5795	-2.40	30.00	30.00

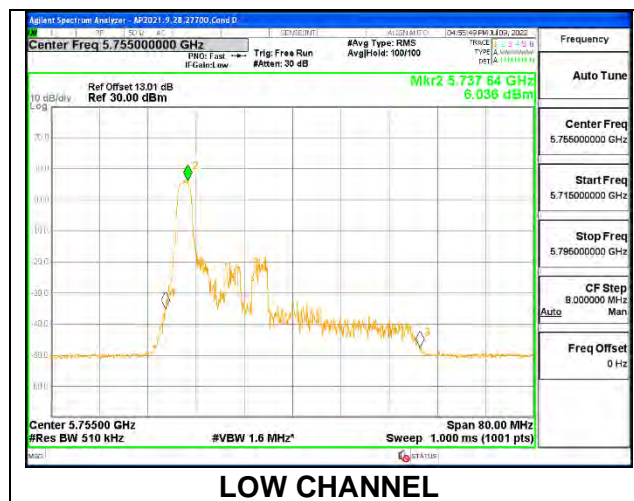
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.74	10.74	30.00	-19.26
High	5795	10.70	10.70	30.00	-19.30

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	6.036	6.036	30.00	-23.96
High	5795	5.970	5.970	30.00	-24.03



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-2.40	30.00	30.00
High	5795	-2.40	30.00	30.00

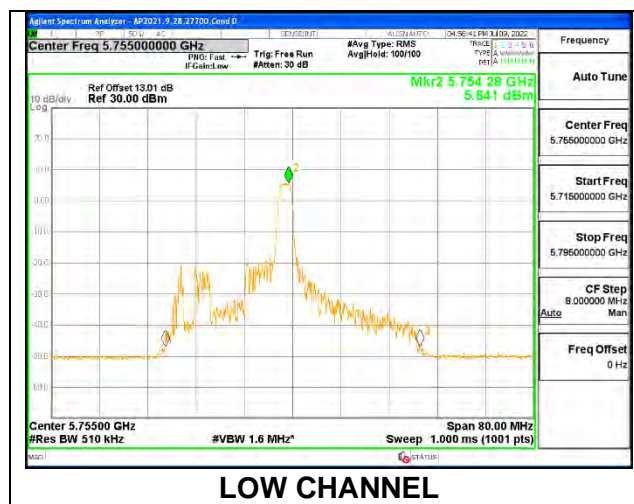
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.62	10.62	30.00	-19.38
High	5795	10.67	10.67	30.00	-19.33

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	5.641	5.641	30.00	-24.36
High	5795	5.816	5.816	30.00	-24.18



LOW CHANNEL

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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-2.40	30.00	30.00
High	5795	-2.40	30.00	30.00

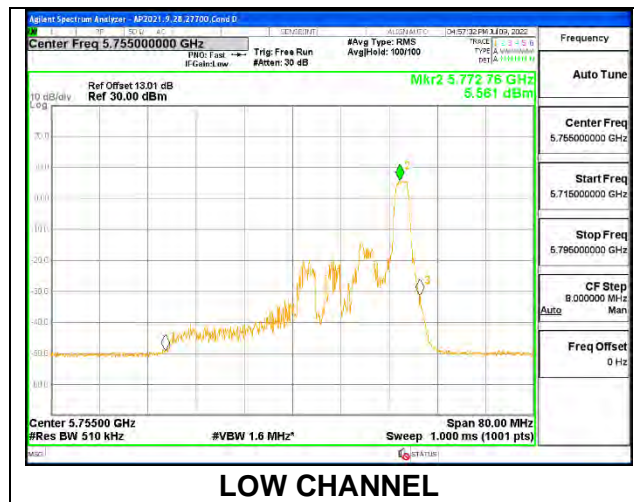
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.67	10.67	30.00	-19.33
High	5795	10.73	10.73	30.00	-19.27

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	5755	5.561	5.561	30.00	-24.44
High	5795	5.842	5.842	30.00	-24.16



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

Test Engineer:	27700
Test Date:	07/09/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-2.40	30.00	30.00
High	5795	-2.40	30.00	30.00

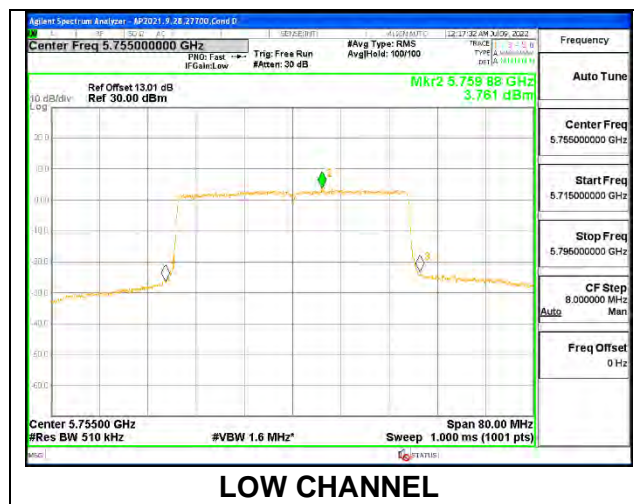
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.23	20.23	30.00	-9.77
High	5795	20.18	20.18	30.00	-9.82

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	3.761	3.891	30.00	-26.11
High	5795	3.200	3.330	30.00	-26.67



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

Test Engineer:	27700
Test Date:	07/09/2022

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	-2.14	0.86	30.00	30.00
High	5795	-2.14	0.86	30.00	30.00

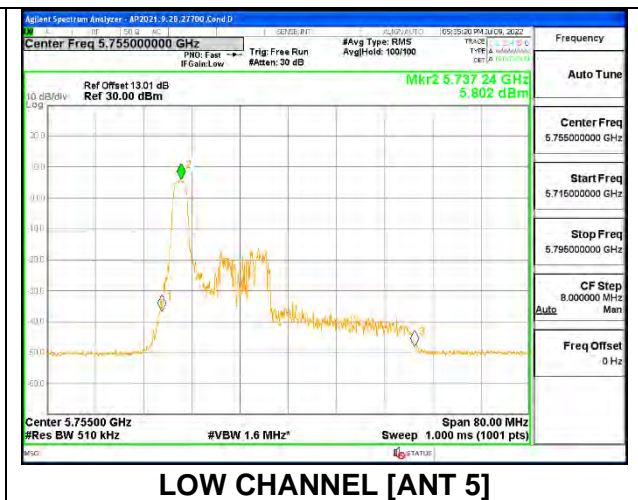
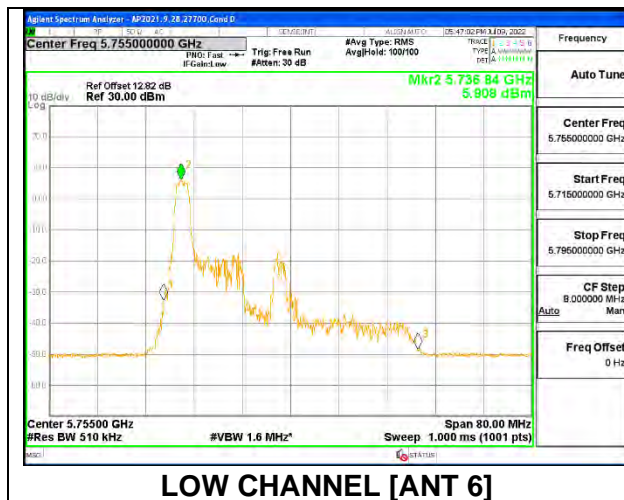
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5755	10.74	10.67	13.72	30.00	-16.28
High	5795	10.65	10.71	13.69	30.00	-16.31

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	5.908	5.802	8.866	30.00	-21.134
High	5795	5.654	5.874	8.776	30.00	-21.224



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

Test Engineer:	27700
Test Date:	07/09/2022

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	-2.14	0.86	30.00	30.00
High	5795	-2.14	0.86	30.00	30.00

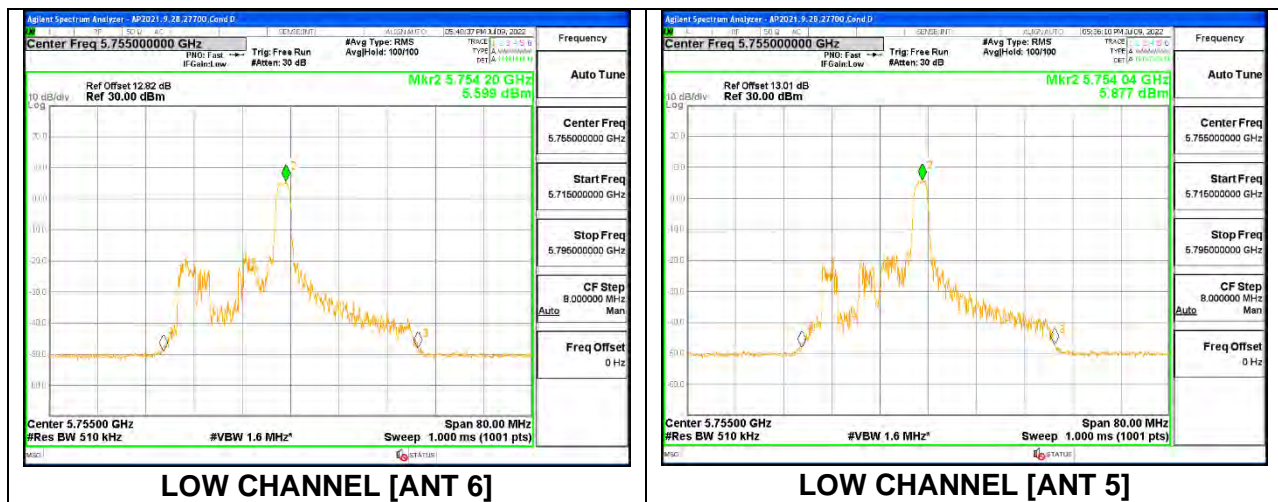
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5755	10.65	10.69	13.68	30.00	-16.32
High	5795	10.71	10.60	13.67	30.00	-16.33

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	5.599	5.877	8.751	30.00	-21.249
High	5795	5.721	5.590	8.666	30.00	-21.334



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

Test Engineer:	27700
Test Date:	07/09/2022

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	-2.14	0.86	30.00	30.00
High	5795	-2.14	0.86	30.00	30.00

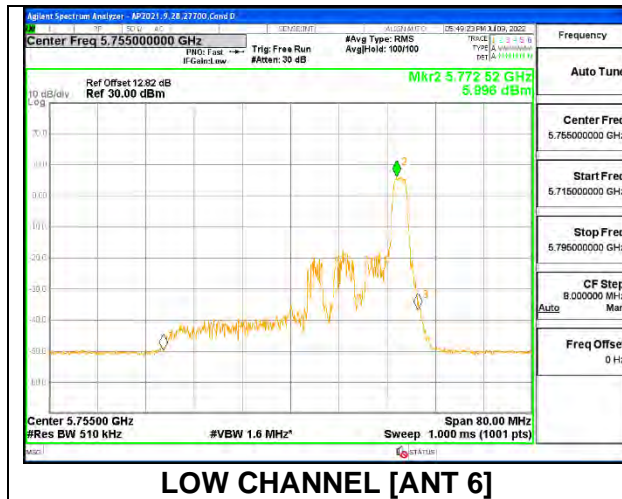
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5755	10.76	10.68	13.73	30.00	-16.27
High	5795	10.67	10.72	13.71	30.00	-16.29

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	5.996	5.607	8.816	30.00	-21.184
High	5795	5.791	6.073	8.945	30.00	-21.055



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

Test Engineer:	27700
Test Date:	07/09/2022

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	-2.14	0.86	30.00	30.00
High	5795	-2.14	0.86	30.00	30.00

Duty Cycle CF (dB)	0.13	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	20.13	20.21	23.18	30.00	-6.82
High	5795	20.18	20.23	23.22	30.00	-6.78

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	3.147	3.497	6.466	30.00	-23.534
High	5795	3.470	3.491	6.621	30.00	-23.379



LOW CHANNEL [ANT 6]



LOW CHANNEL [ANT 5]

9.4.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.90	30.00	30.00

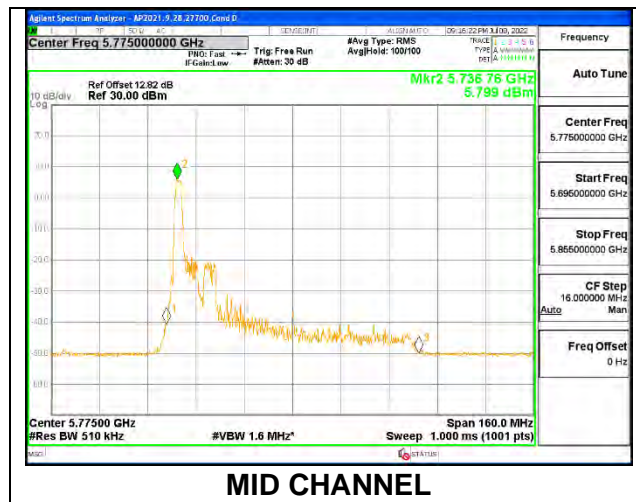
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.78	10.78	30.00	-19.22

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	5.799	5.799	30.00	-24.20



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.90	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 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.63	10.63	30.00	-19.37

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	5.005	5.005	30.00	-25.00



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.90	30.00	30.00

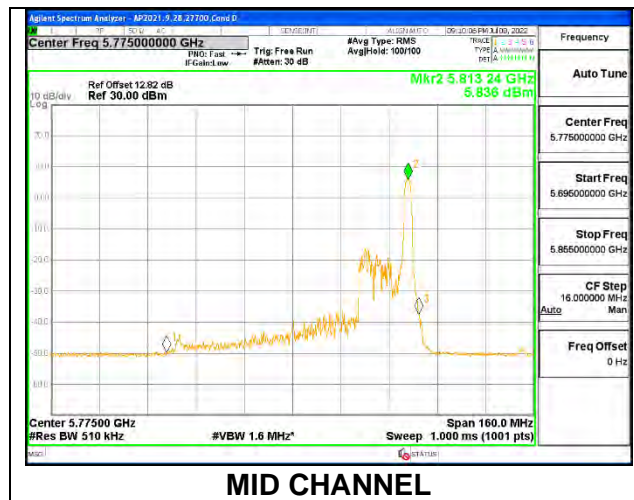
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.68	10.68	30.00	-19.32

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	5.836	5.836	30.00	-24.16



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.90	30.00	30.00

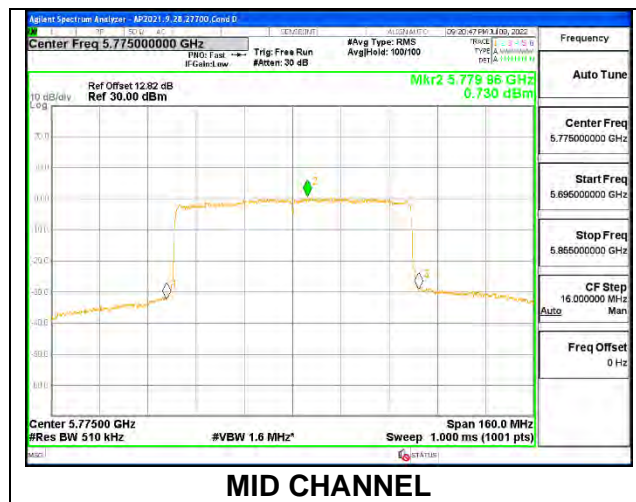
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.18	20.18	30.00	-9.82

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	0.730	0.990	30.00	-29.01



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-2.40	30.00	30.00

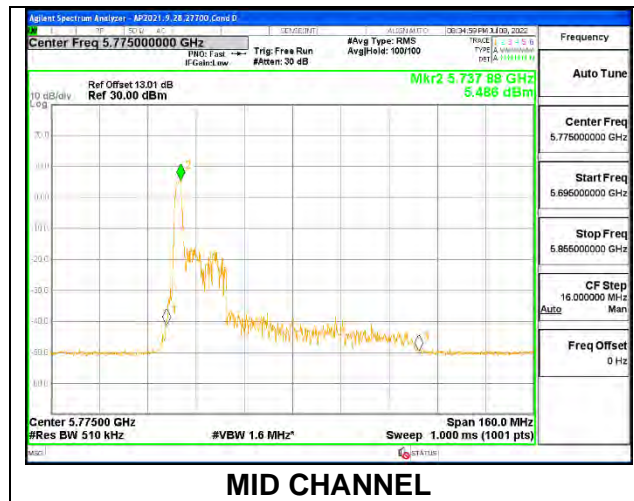
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.64	10.64	30.00	-19.36

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	5.486	5.486	30.00	-24.51



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-2.40	30.00	30.00

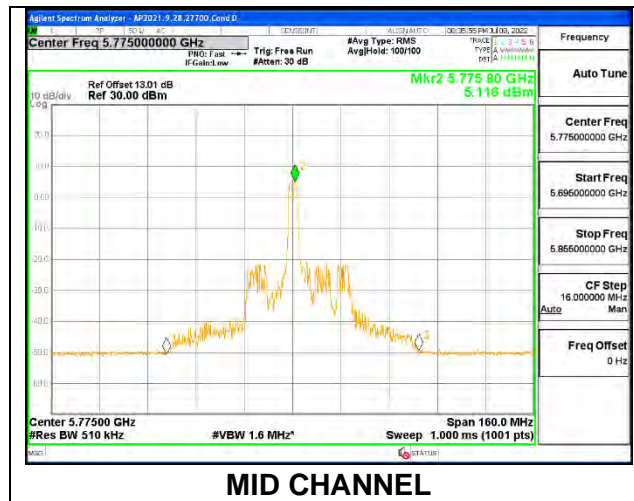
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.71	10.71	30.00	-19.29

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	5.116	5.116	30.00	-24.88



MID CHANNEL

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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-2.40	30.00	30.00

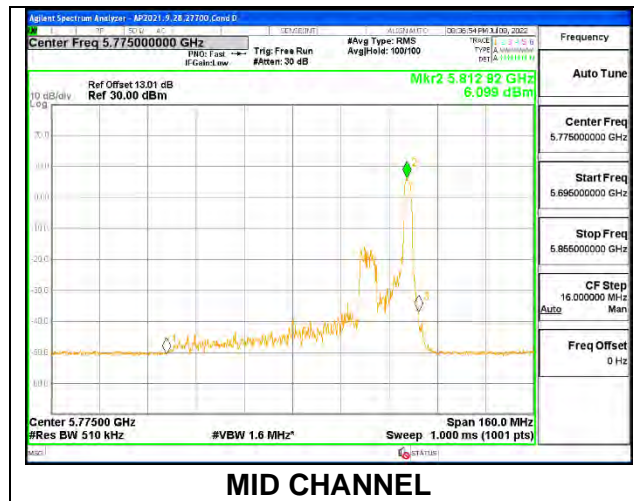
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.73	10.73	30.00	-19.27

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.099	6.099	30.00	-23.90



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

Test Engineer:	27700
Test Date:	07/08/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-2.40	30.00	30.00

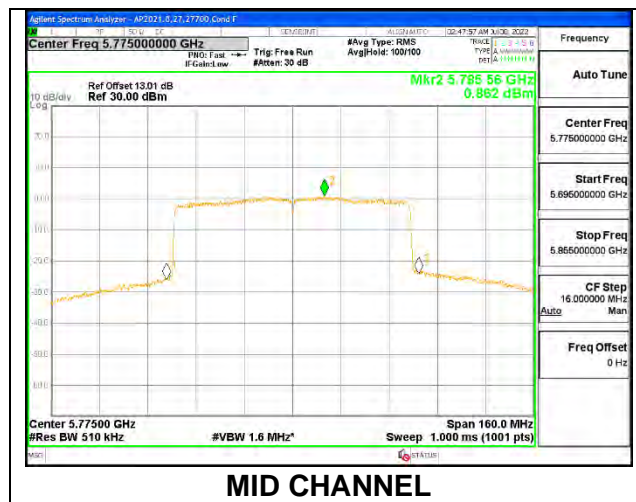
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.22	20.22	30.00	-9.78

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	0.862	1.122	30.00	-28.88



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

Test Engineer:	27700
Test Date:	07/08/2022

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	-2.14	0.86	30.00	30.00

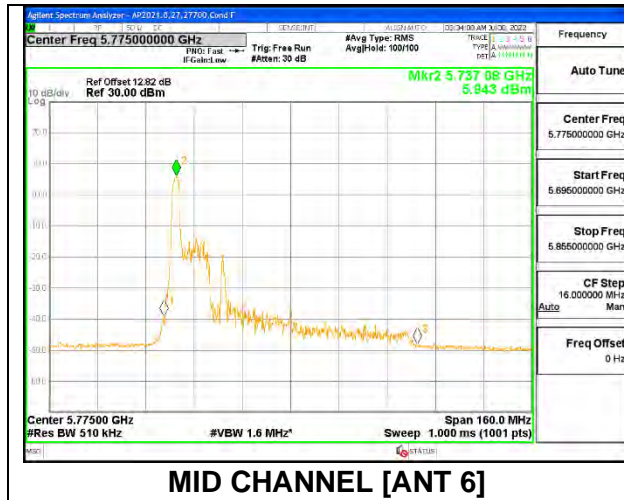
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.66	10.70	13.69	30.00	-16.31

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	5.943	6.063	9.014	30.00	-20.986



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

Test Engineer:	27700
Test Date:	07/08/2022

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	-2.14	0.86	30.00	30.00

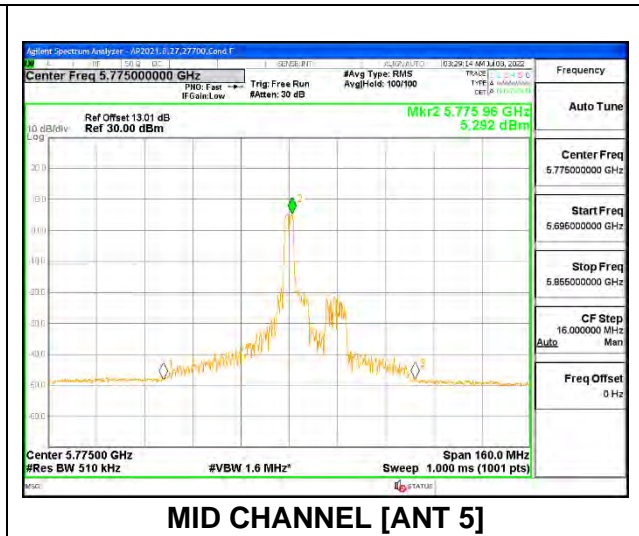
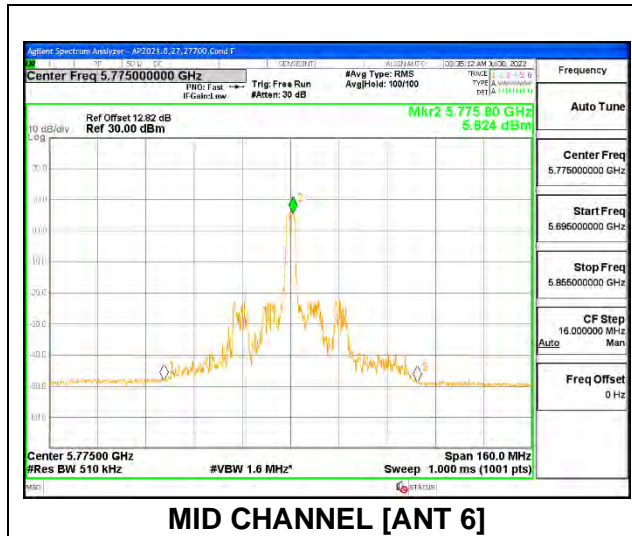
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.74	10.68	13.72	30.00	-16.28

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	5.624	5.292	8.471	30.00	-21.529



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

Test Engineer:	27700
Test Date:	07/08/2022

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	-2.14	0.86	30.00	30.00

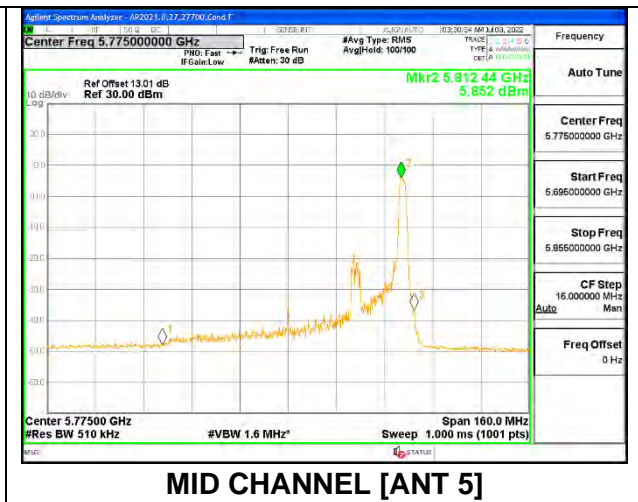
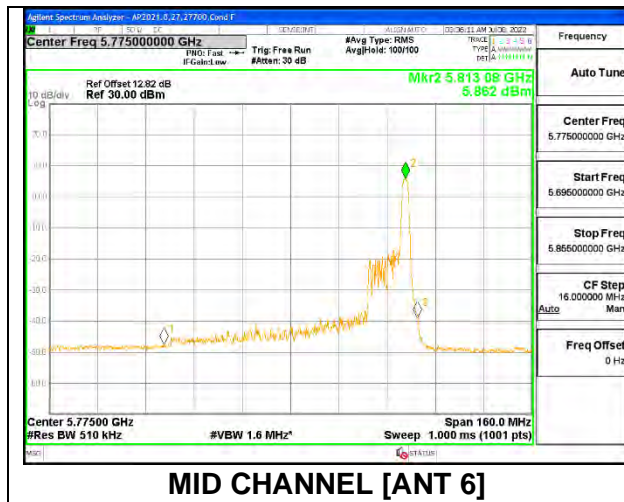
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.71	10.64	13.69	30.00	-16.31

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	5.862	5.852	8.867	30.00	-21.133



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

Test Engineer:	27700
Test Date:	04/17/22,04/14/22

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	-2.14	0.86	30.00	30.00

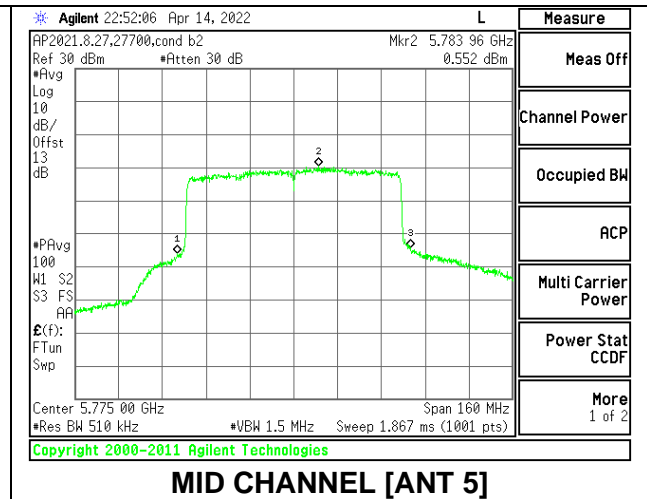
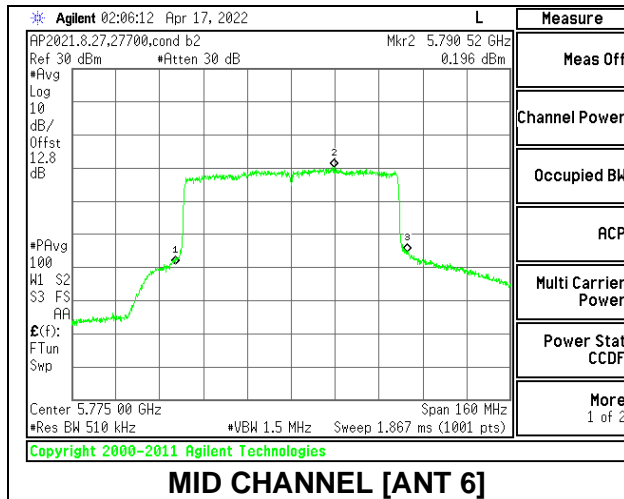
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	19.66	19.70	22.69	30.00	-7.31

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	0.196	0.552	3.648	30.00	-26.352



10. SETUP PHOTOS

Please refer to 14040866-EP1V1 for setup photos

END OF TEST REPORT