

9.4.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.90	24.00	11.00
High	5230	-1.90	24.00	11.00

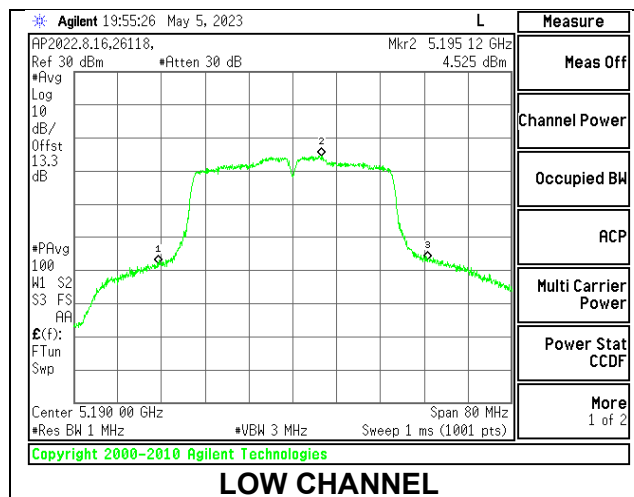
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.45	17.45	24.00	-6.55
High	5230	19.98	19.98	24.00	-4.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.525	4.525	11.00	-6.475
High	5230	7.609	7.609	11.00	-3.391



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.1	24.00	11.00
High	5230	-3.1	24.00	11.00

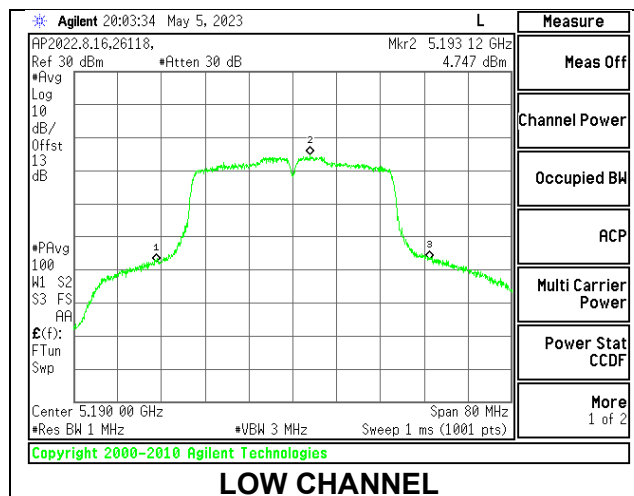
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.40	17.40	24.00	-6.60
High	5230	19.96	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.747	4.747	11.00	-6.253
High	5230	7.446	7.446	11.00	-3.554



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

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.46	0.53	24.00	11.00
High	5230	-2.46	0.53	24.00	11.00

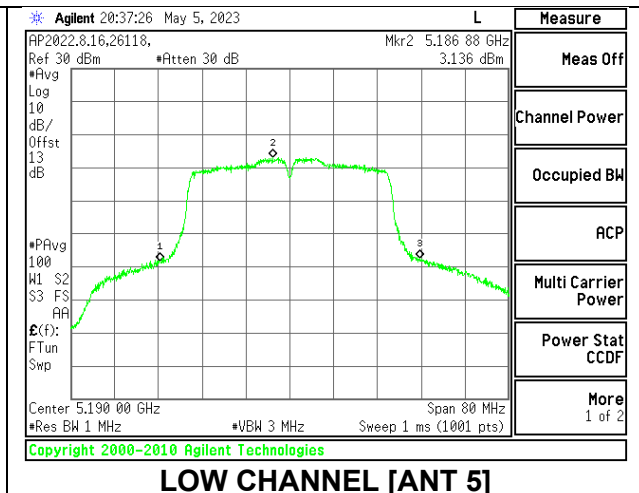
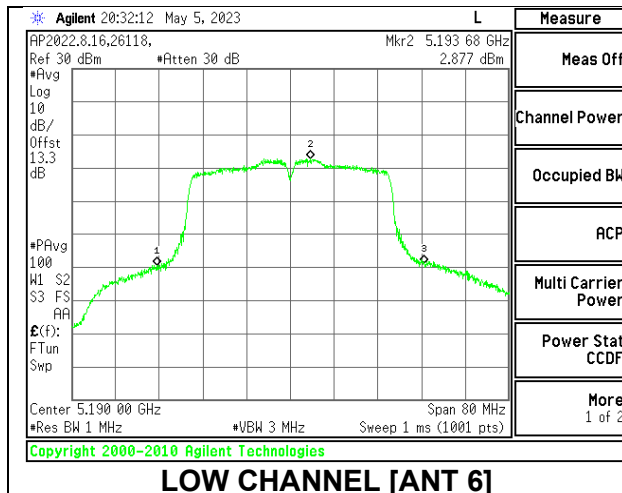
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.88	15.86	18.88	24.00	-5.12
High	5230	18.91	18.97	21.95	24.00	-2.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	2.877	3.136	6.019	11.00	-4.981
High	5230	6.182	6.396	9.301	11.00	-1.699



9.4.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE (FCC) MOBILE

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.9	24.00	11.00

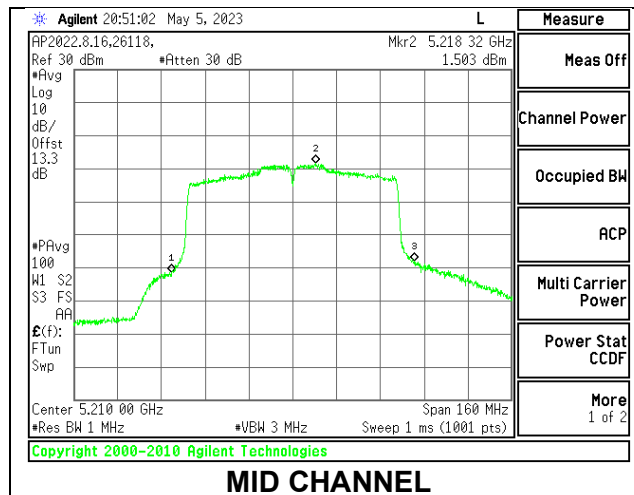
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.38	17.38	24.00	-6.62

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.503	1.503	11.00	-9.497



1TX Antenna 5 MODE (FCC) MOBILE

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.1	24.00	11.00

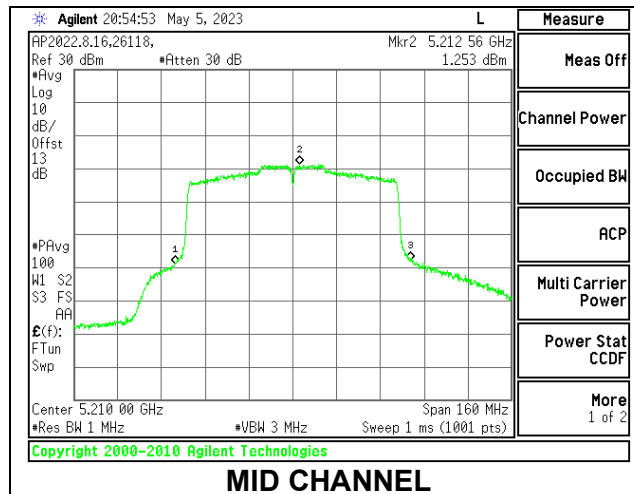
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.40	17.40	24.00	-6.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.253	1.253	11.00	-9.747



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

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.46	0.53	24.00	11.00

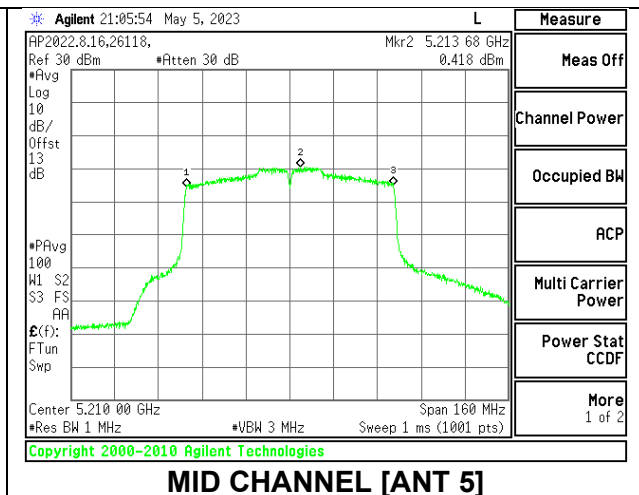
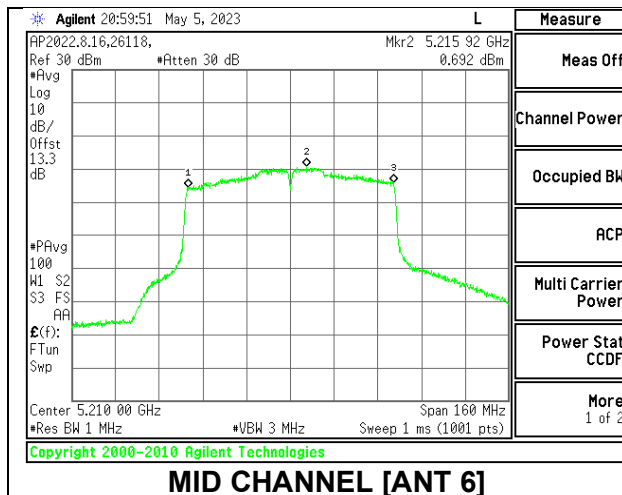
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.45	16.44	19.46	24.00	-4.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	0.692	0.418	3.567	11.00	-7.433



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:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-1.9	24.00	11.00
Mid	5200	-1.9	24.00	11.00
High	5240	-1.9	24.00	11.00

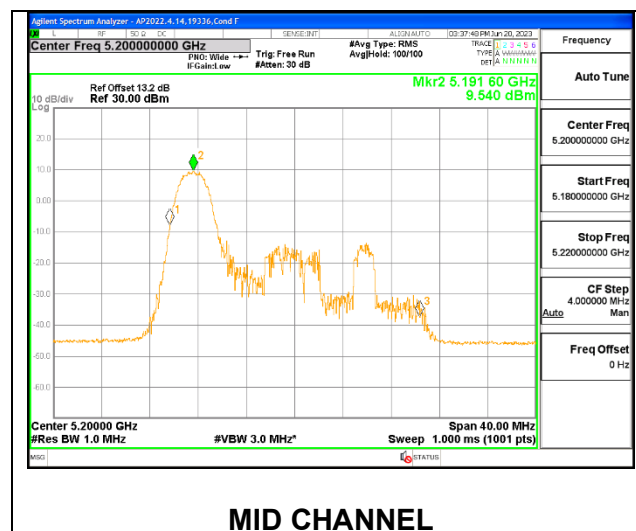
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.47	11.47	24.00	-12.53
Mid	5200	11.46	11.46	24.00	-12.54
High	5240	11.47	11.47	24.00	-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	5180	9.655	9.655	11.00	-1.345
Mid	5200	9.540	9.540	11.00	-1.460
High	5240	9.603	9.603	11.00	-1.397



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

Test Engineer:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-1.9	24.00	11.00
Mid	5200	-1.9	24.00	11.00
High	5240	-1.9	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	11.48	11.48	24.00	-12.52
Mid	5200	11.48	11.48	24.00	-12.52
High	5240	11.48	11.48	24.00	-12.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.629	8.629	11.00	-2.371
Mid	5200	8.702	8.702	11.00	-2.298
High	5240	8.676	8.676	11.00	-2.324



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

Test Engineer:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-1.9	24.00	11.00
Mid	5200	-1.9	24.00	11.00
High	5240	-1.9	24.00	11.00

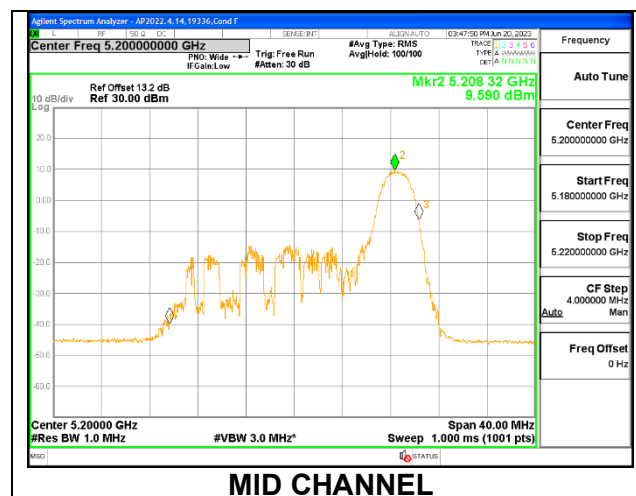
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.42	11.42	24.00	-12.58
Mid	5200	11.40	11.40	24.00	-12.60
High	5240	11.42	11.42	24.00	-12.58

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.621	9.621	11.00	-1.379
Mid	5200	9.590	9.590	11.00	-1.410
High	5240	9.628	9.628	11.00	-1.372



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

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-1.9	24.00	11.00
Mid	5200	-1.9	24.00	11.00
High	5240	-1.9	24.00	11.00

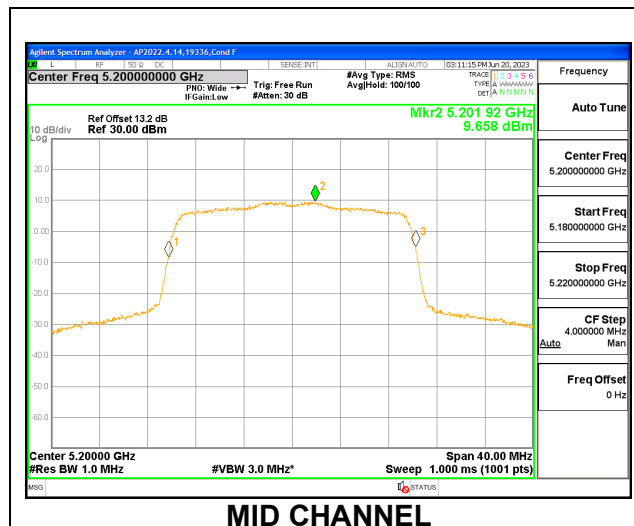
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.46	18.46	24.00	-5.54
Mid	5200	19.47	19.47	24.00	-4.53
High	5240	19.42	19.42	24.00	-4.58

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.511	8.511	11.00	-2.489
Mid	5200	9.658	9.658	11.00	-1.342
High	5240	9.358	9.358	11.00	-1.642



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

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.1	24.00	11.00
Mid	5200	-3.1	24.00	11.00
High	5240	-3.1	24.00	11.00

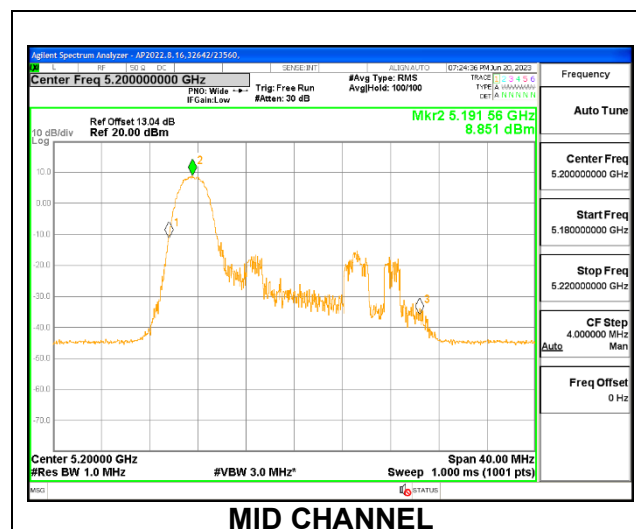
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.48	11.48	24.00	-12.52
Mid	5200	11.45	11.45	24.00	-12.55
High	5240	11.46	11.46	24.00	-12.54

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.416	8.416	11.00	-2.584
Mid	5200	8.851	8.851	11.00	-2.149
High	5240	9.018	9.018	11.00	-1.982



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

Test Engineer:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.1	24.00	11.00
Mid	5200	-3.1	24.00	11.00
High	5240	-3.1	24.00	11.00

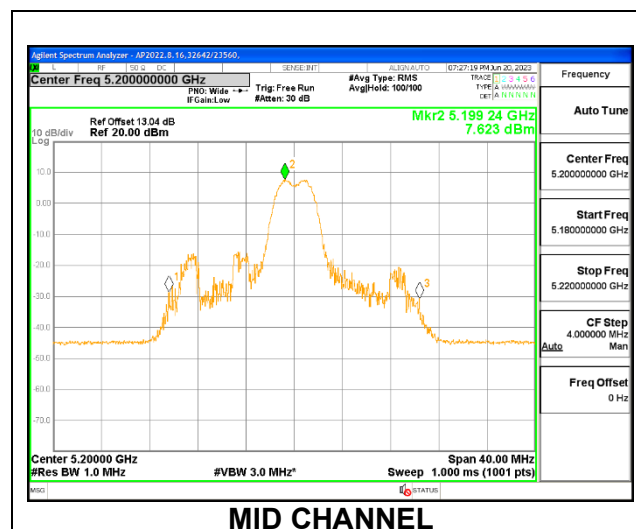
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.43	11.43	24.00	-12.57
Mid	5200	11.47	11.47	24.00	-12.53
High	5240	11.42	11.42	24.00	-12.58

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.812	7.812	11.00	-3.188
Mid	5200	7.623	7.623	11.00	-3.377
High	5240	7.998	7.998	11.00	-3.002



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

Test Engineer:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.1	24.00	11.00
Mid	5200	-3.1	24.00	11.00
High	5240	-3.1	24.00	11.00

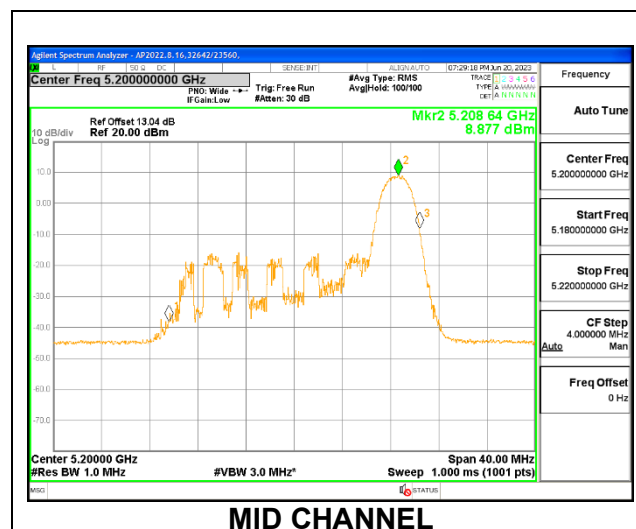
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.45	11.45	24.00	-12.55
Mid	5200	11.47	11.47	24.00	-12.53
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	8.850	8.850	11.00	-2.150
Mid	5200	8.877	8.877	11.00	-2.123
High	5240	9.266	9.266	11.00	-1.734



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

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.1	24.00	11.00
Mid	5200	-3.1	24.00	11.00
High	5240	-3.1	24.00	11.00

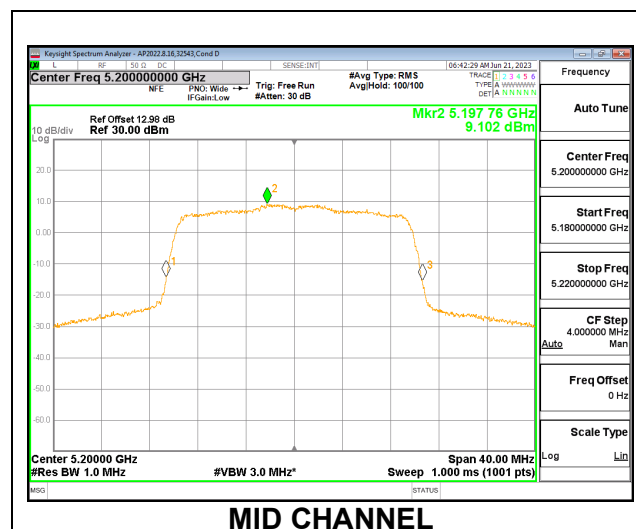
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.48	18.48	24.00	-5.52
Mid	5200	19.47	19.47	24.00	-4.53
High	5240	19.47	19.47	24.00	-4.53

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.355	8.355	11.00	-2.645
Mid	5200	9.102	9.102	11.00	-1.898
High	5240	9.181	9.181	11.00	-1.819



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

Test Engineer:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.46	0.53	24.00	11.00
Mid	5200	-2.46	0.53	24.00	11.00
High	5240	-2.46	0.53	24.00	11.00

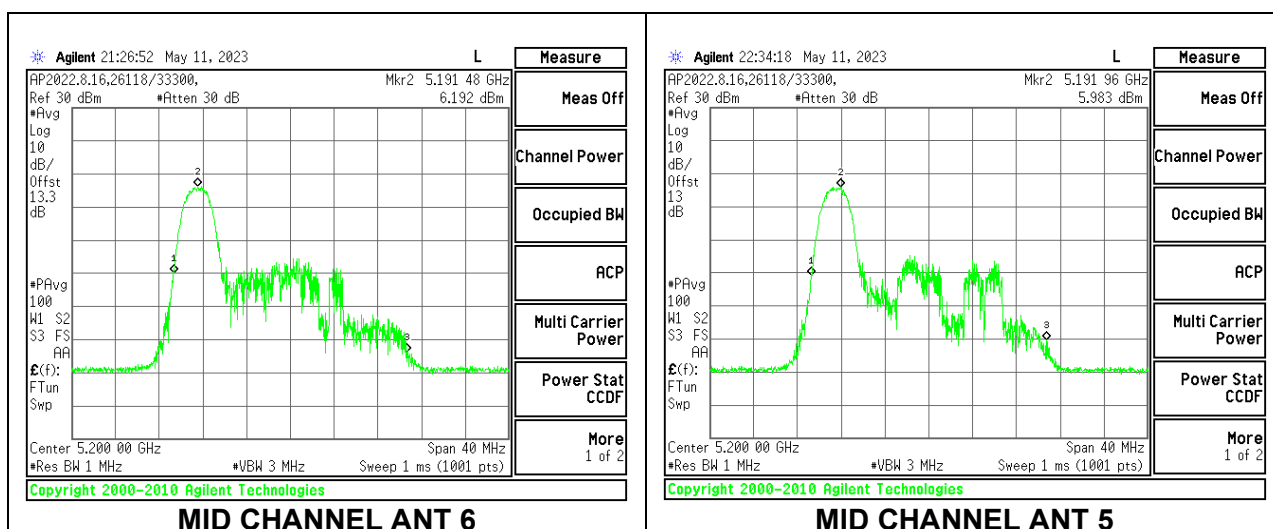
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.41	8.46	11.45	24.00	-12.55
Mid	5200	8.43	8.45	11.45	24.00	-12.55
High	5240	8.44	8.41	11.44	24.00	-12.56

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	5180	6.029	6.171	9.111	11.00	-1.889
Mid	5200	6.192	5.983	9.099	11.00	-1.901
High	5240	6.313	5.985	9.162	11.00	-1.838



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

Test Engineer:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.46	0.53	24.00	11.00
Mid	5200	-2.46	0.53	24.00	11.00
High	5240	-2.46	0.53	24.00	11.00

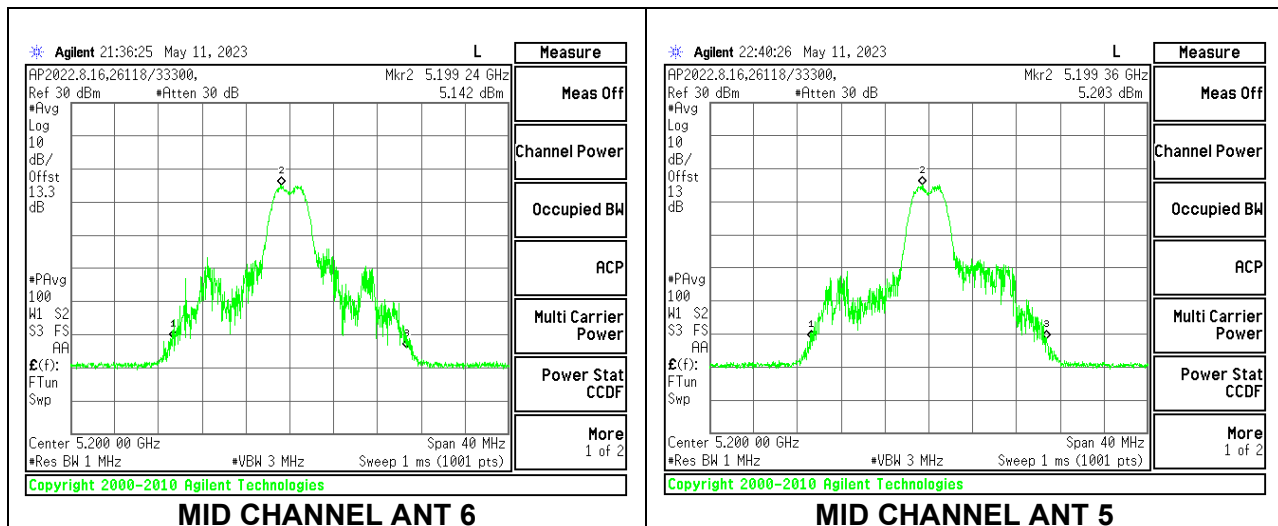
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.47	8.47	11.48	24.00	-12.52
Mid	5200	8.41	8.47	11.45	24.00	-12.55
High	5240	8.40	8.45	11.44	24.00	-12.56

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	5180	5.258	5.155	8.217	11.00	-2.783
Mid	5200	5.142	5.203	8.183	11.00	-2.817
High	5240	5.210	4.913	8.074	11.00	-2.926



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

Test Engineer:	26118
Test Date:	5/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.46	0.53	24.00	11.00
Mid	5200	-2.46	0.53	24.00	11.00
High	5240	-2.46	0.53	24.00	11.00

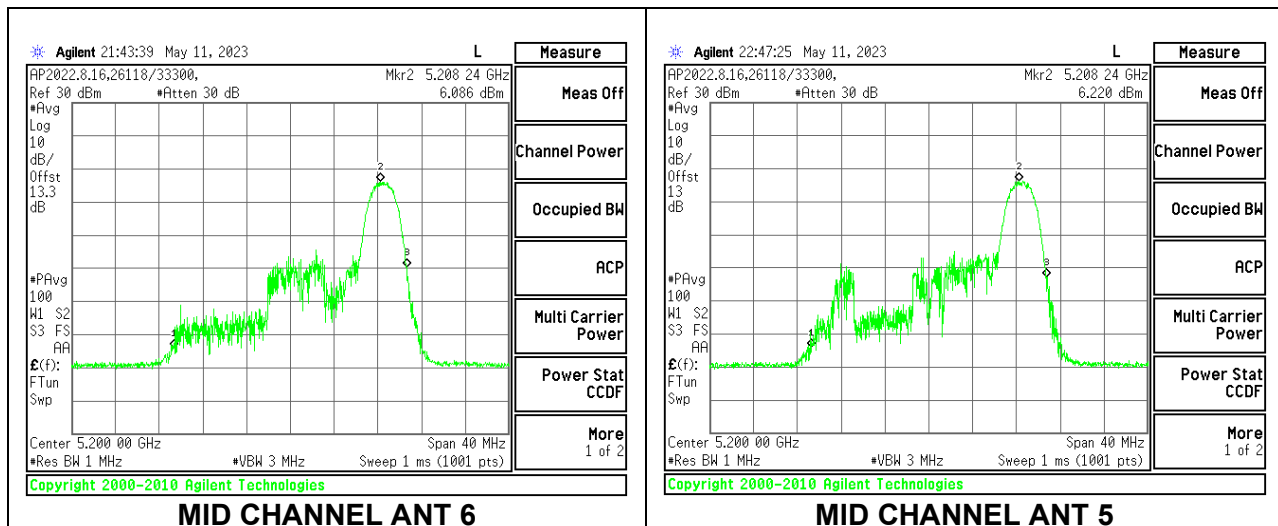
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.42	8.47	11.46	24.00	-12.54
Mid	5200	8.47	8.47	11.48	24.00	-12.52
High	5240	8.46	8.42	11.45	24.00	-12.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	6.206	5.987	9.108	11.00	-1.892
Mid	5200	6.086	6.220	9.164	11.00	-1.836
High	5240	6.112	5.943	9.039	11.00	-1.961



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

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	-2.46	0.53	24.00	11.00
Mid	5200	-2.46	0.53	24.00	11.00
High	5240	-2.46	0.53	24.00	11.00

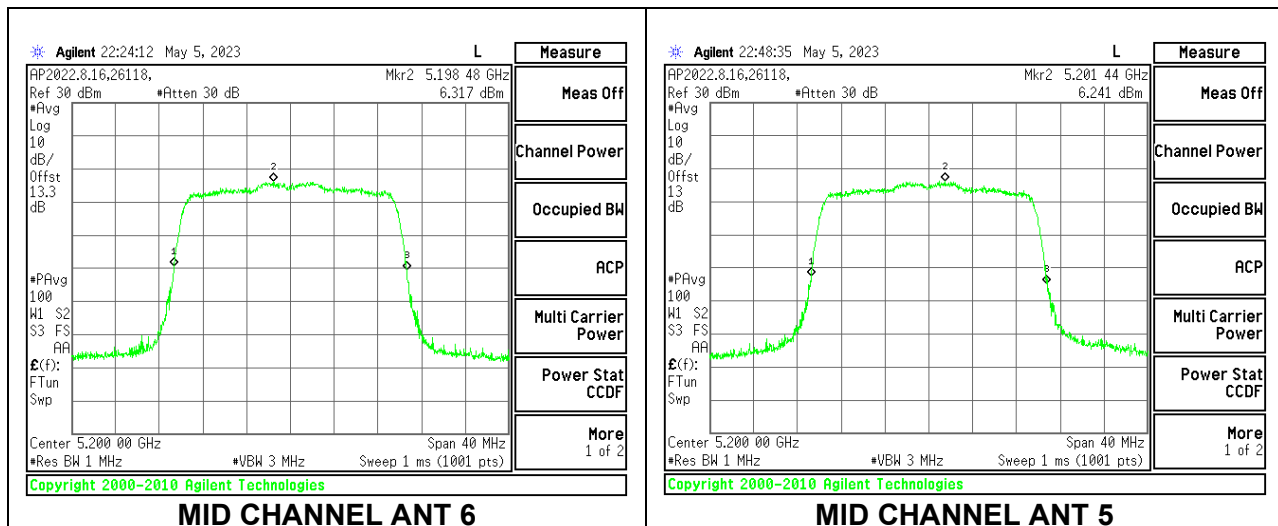
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.45	16.42	19.45	24.00	-4.55
Mid	5200	16.40	16.41	19.42	24.00	-4.58
High	5240	16.41	16.41	19.42	24.00	-4.58

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	5180	6.275	6.576	9.438	11.00	-1.562
Mid	5200	6.317	6.241	9.289	11.00	-1.711
High	5240	5.969	6.212	9.102	11.00	-1.898



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:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.90	24.00	11.00
High	5230	-1.90	24.00	11.00

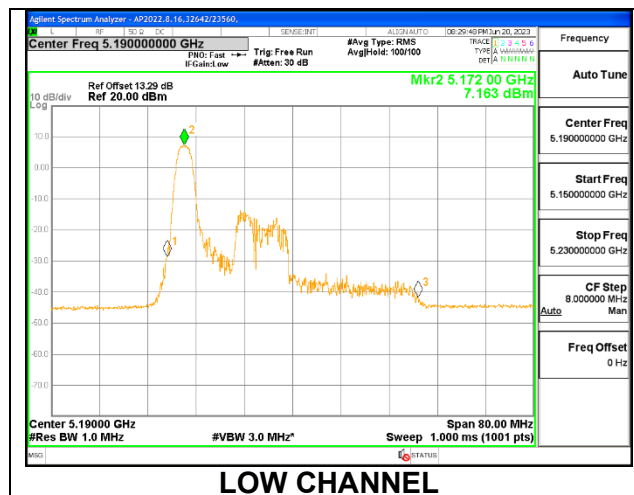
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.43	10.43	24.00	-13.57
High	5230	10.47	10.47	24.00	-13.53

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	5190	7.163	7.163	11.00	-3.837
High	5230	7.405	7.405	11.00	-3.595



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

Test Engineer:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.90	24.00	11.00
High	5230	-1.90	24.00	11.00

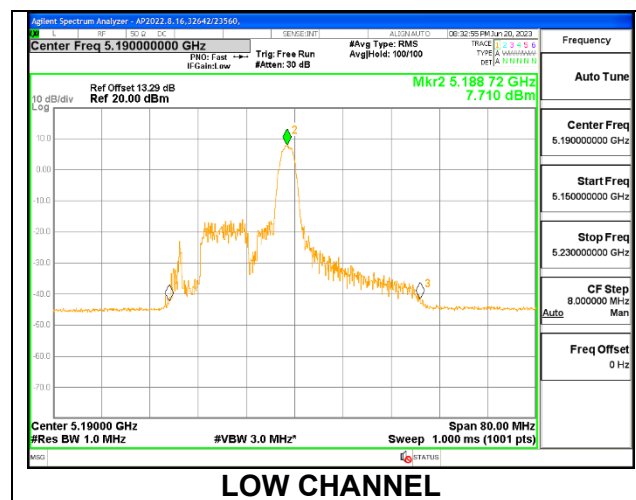
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.42	10.42	24.00	-13.58
High	5230	10.47	10.47	24.00	-13.53

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	5190	7.710	7.710	11.00	-3.290
High	5230	8.148	8.148	11.00	-2.852



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

Test Engineer:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.90	24.00	11.00
High	5230	-1.90	24.00	11.00

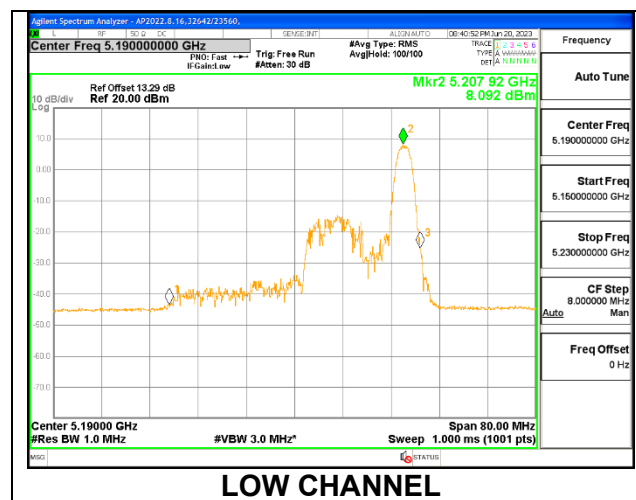
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.46	10.46	24.00	-13.54
High	5230	10.48	10.48	24.00	-13.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	8.092	8.092	11.00	-2.908
High	5230	8.225	8.225	11.00	-2.775



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

Test Engineer:	26118
Test Date:	5/5/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.90	24.00	11.00
High	5230	-1.90	24.00	11.00

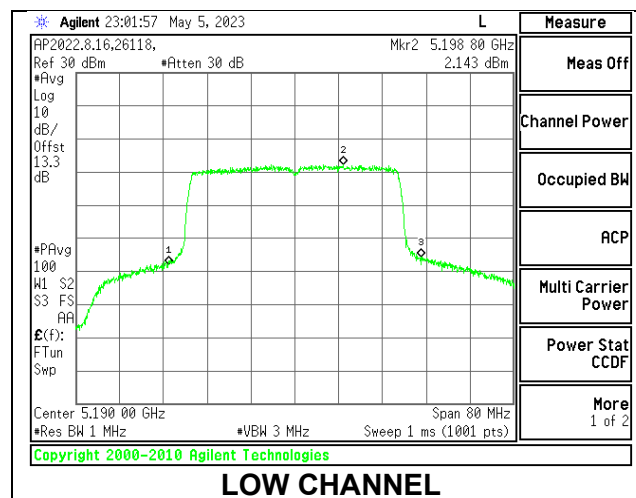
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.48	16.48	24.00	-7.52
High	5230	19.95	19.95	24.00	-4.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	2.143	2.273	11.00	-8.727
High	5230	5.797	5.927	11.00	-5.073



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

Test Engineer:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.1	24.00	11.00
High	5230	-3.1	24.00	11.00

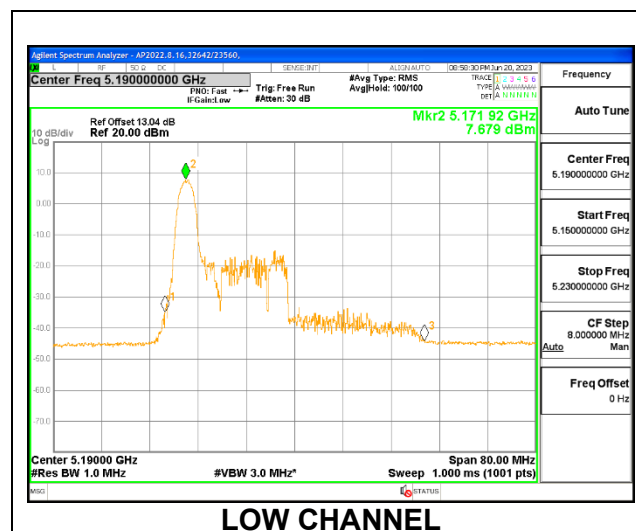
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.45	10.45	24.00	-13.55
High	5230	10.48	10.48	24.00	-13.52

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	5190	7.679	7.679	11.00	-3.321
High	5230	7.805	7.805	11.00	-3.195



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

Test Engineer:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.1	24.00	11.00
High	5230	-3.1	24.00	11.00

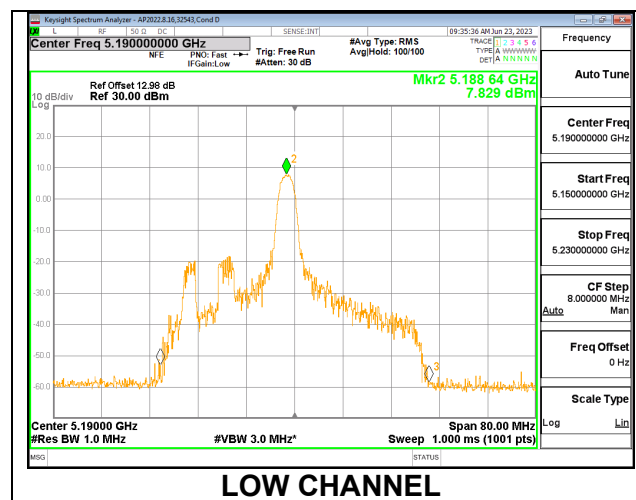
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.47	10.47	24.00	-13.53
High	5230	10.48	10.48	24.00	-13.52

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	5190	7.829	7.829	11.00	-3.171
High	5230	8.196	8.196	11.00	-2.804



LOW CHANNEL

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

Test Engineer:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.1	24.00	11.00
High	5230	-3.1	24.00	11.00

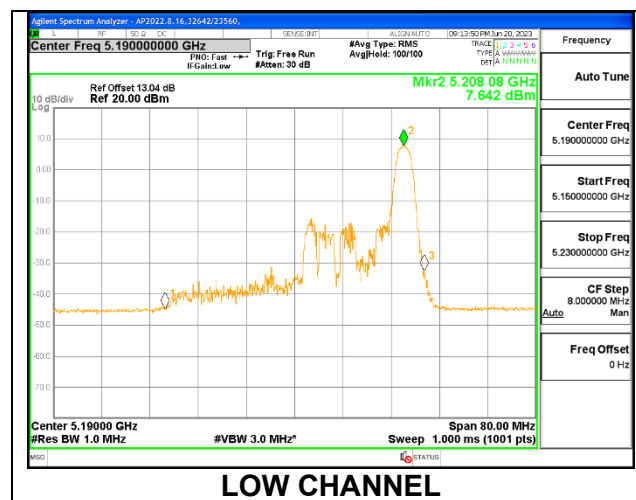
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.41	10.41	24.00	-13.59
High	5230	10.47	10.47	24.00	-13.53

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.642	7.642	11.00	-3.358
High	5230	8.134	8.134	11.00	-2.866



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

Test Engineer:	26118
Test Date:	5/8/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.1	24.00	11.00
High	5230	-3.1	24.00	11.00

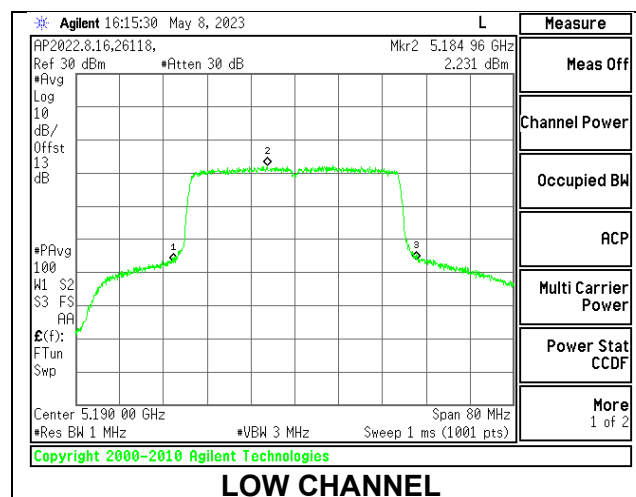
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.47	16.47	24.00	-7.53
High	5230	19.96	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	2.231	2.361	11.00	-8.639
High	5230	5.687	5.817	11.00	-5.183



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

Test Engineer:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.46	0.53	24.00	11.00
High	5230	-2.46	0.53	24.00	11.00

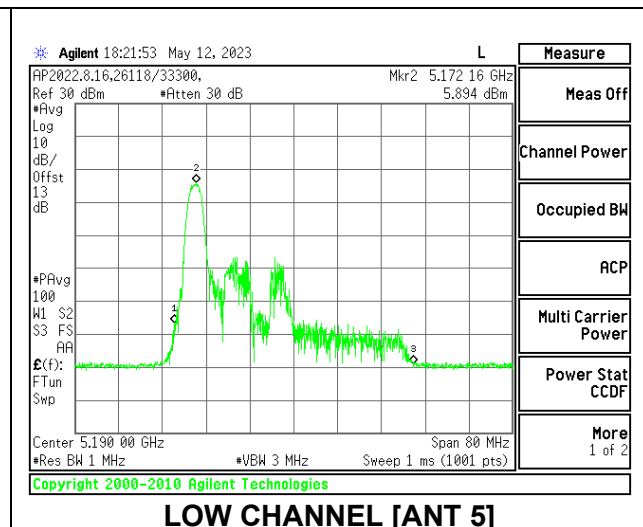
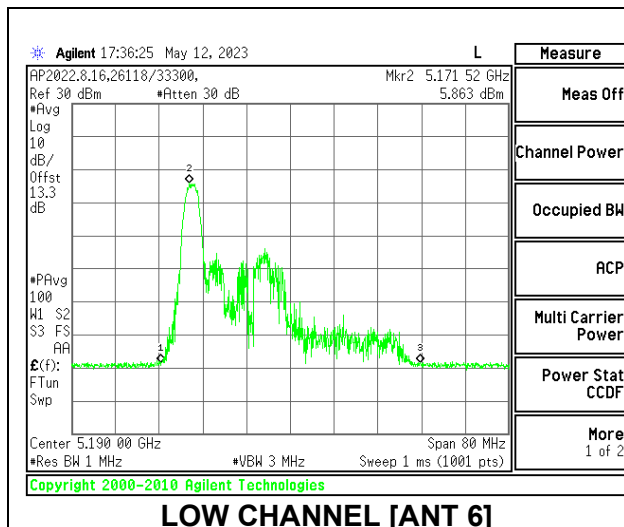
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.47	8.48	11.49	24.00	-12.51
High	5230	8.47	8.45	11.47	24.00	-12.53

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	5.863	5.894	8.889	11.00	-2.111
High	5230	6.237	6.049	9.154	11.00	-1.846



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

Test Engineer:	26118
Test Date:	5/8/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.46	0.53	24.00	11.00
High	5230	-2.46	0.53	24.00	11.00

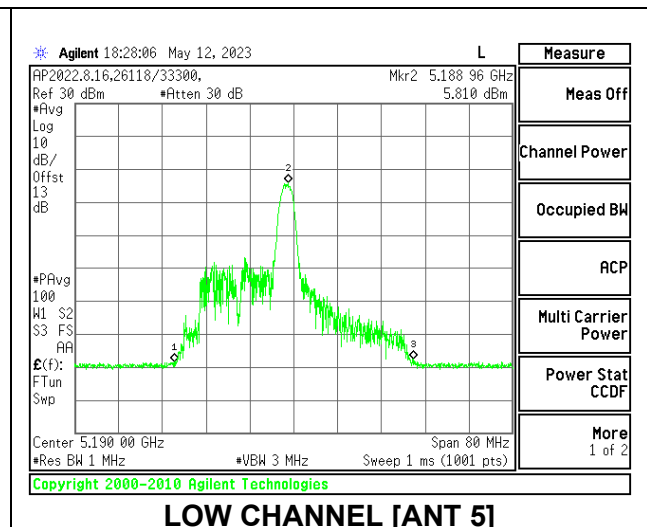
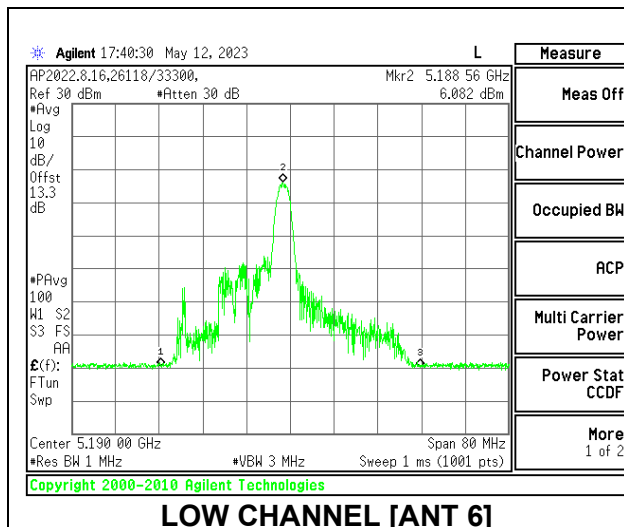
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.48	8.45	11.48	24.00	-12.52
High	5230	8.46	8.45	11.47	24.00	-12.53

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	6.082	5.810	8.958	11.00	-2.042
High	5230	5.964	5.819	8.902	11.00	-2.098



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

Test Engineer:	26118
Test Date:	5/12/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.46	0.53	24.00	11.00
High	5230	-2.46	0.53	24.00	11.00

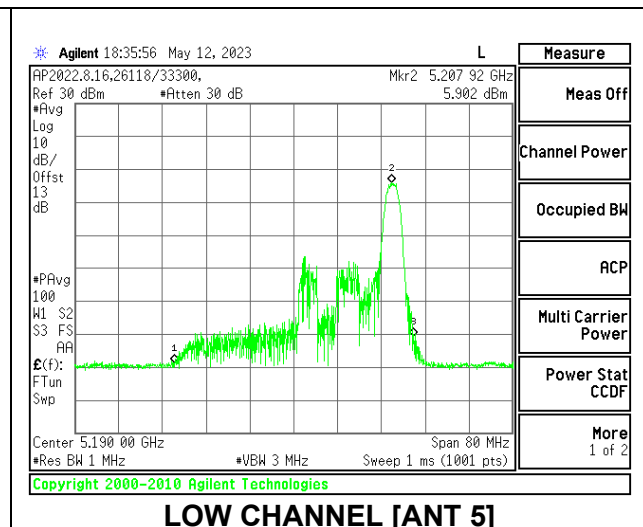
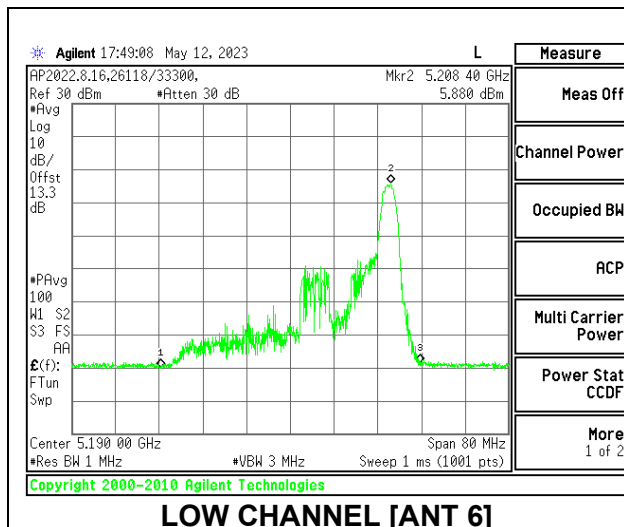
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.43	8.41	11.43	24.00	-12.57
High	5230	8.41	8.46	11.45	24.00	-12.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	5.880	5.902	8.901	11.00	-2.099
High	5230	6.029	6.082	9.066	11.00	-1.934



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

Test Engineer:	26118
Test Date:	5/8/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.46	0.53	24.00	11.00
High	5230	-2.46	0.53	24.00	11.00

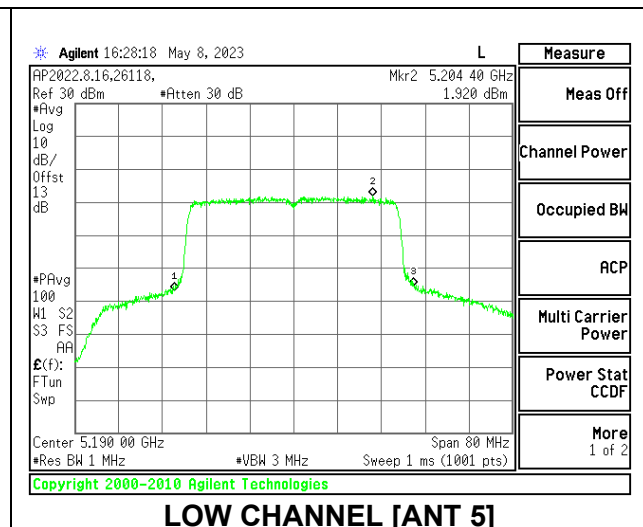
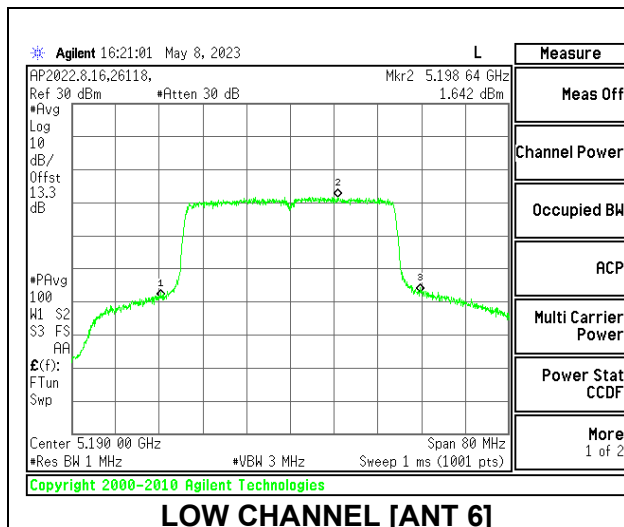
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.95	15.89	18.93	24.00	-5.07
High	5230	18.90	18.95	21.94	24.00	-2.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	1.642	1.920	4.924	11.00	-6.076
High	5230	4.769	4.532	7.792	11.00	-3.208



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:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.9	24.00	11.00

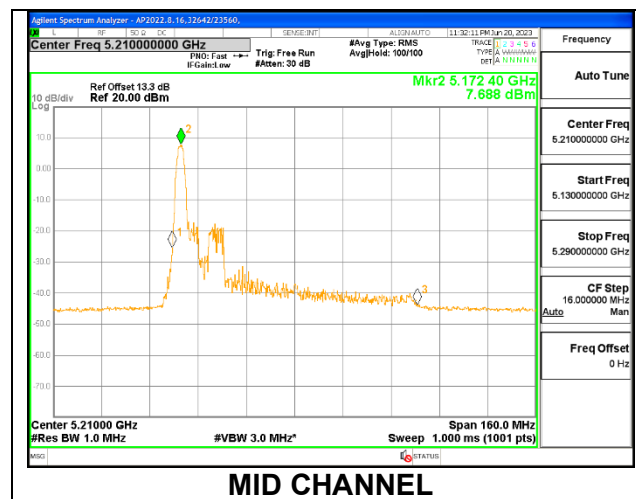
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.43	10.43	24.00	-13.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.688	7.688	11.00	-3.312



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

Test Engineer:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.9	24.00	11.00

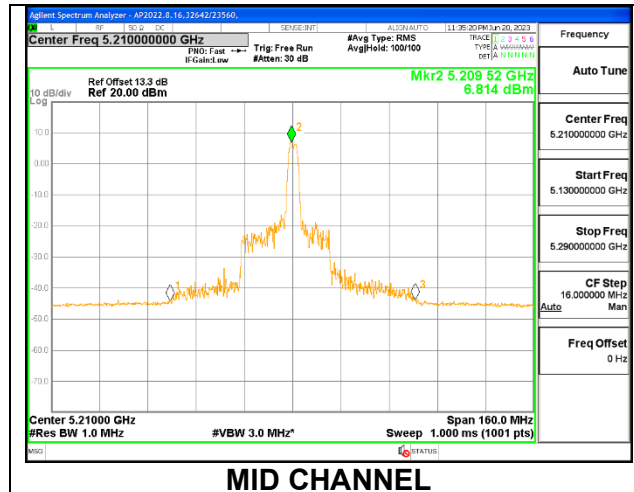
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.46	10.46	24.00	-13.54

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	6.814	6.814	11.00	-4.186



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

Test Engineer:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.9	24.00	11.00

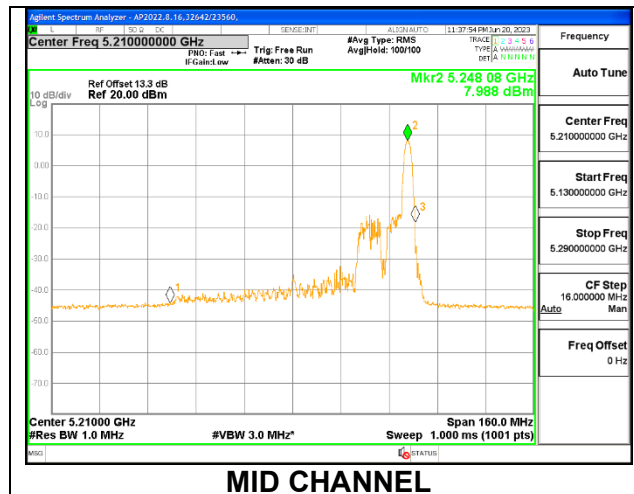
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.48	10.48	24.00	-13.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.988	7.988	11.00	-3.012



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

Test Engineer:	26118
Test Date:	5/8/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.9	24.00	11.00

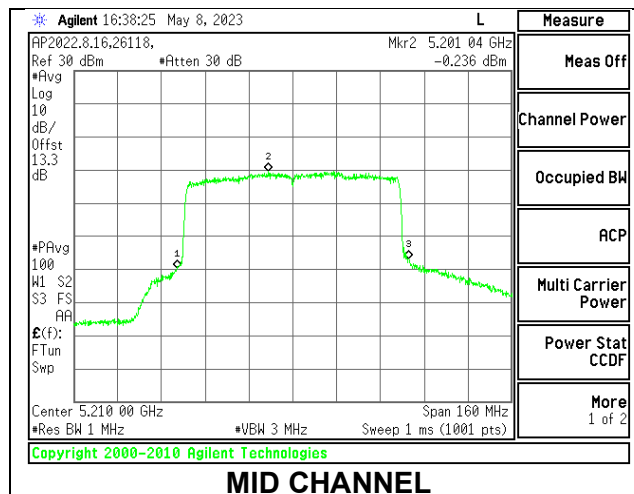
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.48	16.48	24.00	-7.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-0.236	0.004	11.00	-10.996



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

Test Engineer:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.1	24.00	11.00

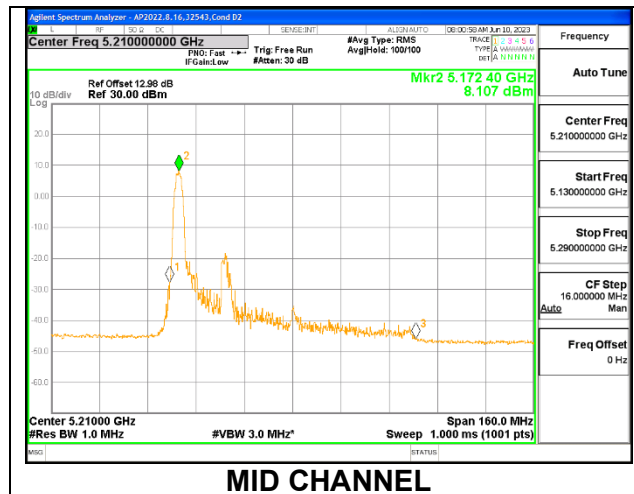
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.48	10.48	24.00	-13.52

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	8.107	8.107	11.00	-2.893



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

Test Engineer:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.1	24.00	11.00

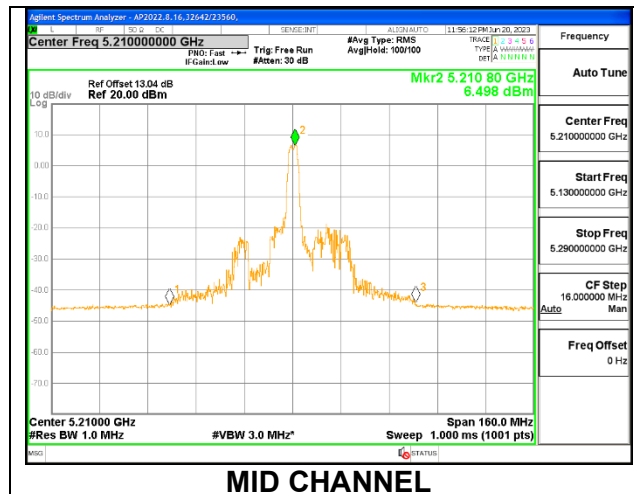
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.41	10.41	24.00	-13.59

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.498	6.498	11.00	-4.502



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

Test Engineer:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.1	24.00	11.00

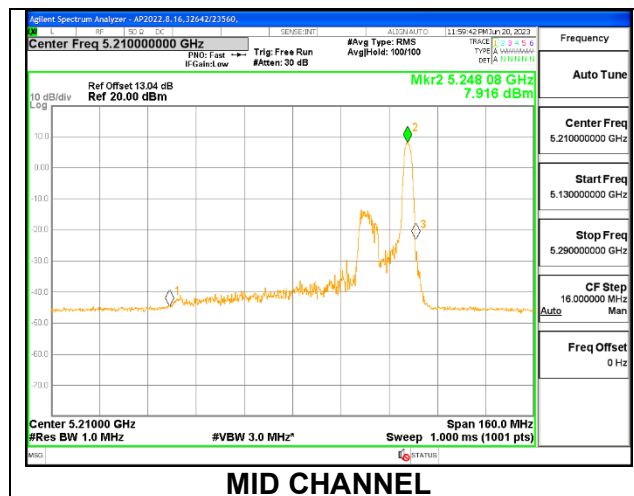
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.48	10.48	24.00	-13.52

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.916	7.916	11.00	-3.084



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

Test Engineer:	26118
Test Date:	5/8/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.1	24.00	11.00

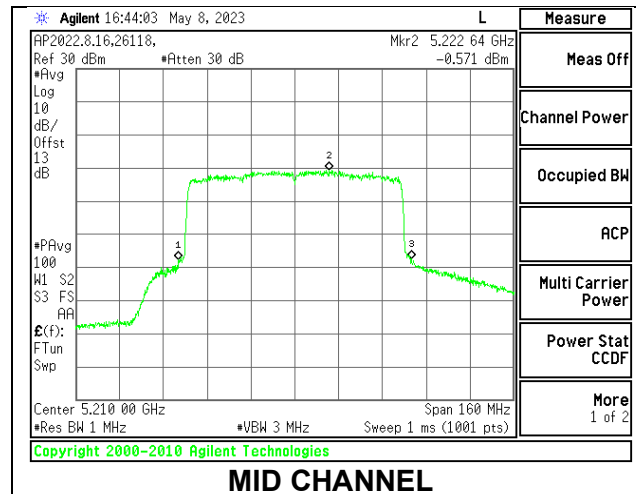
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.41	16.41	24.00	-7.59

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-0.571	-0.331	11.00	-11.331



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

Test Engineer:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.46	0.53	24.00	11.00

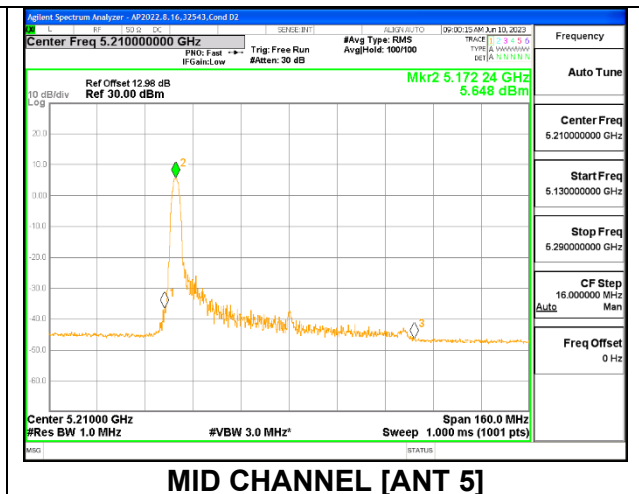
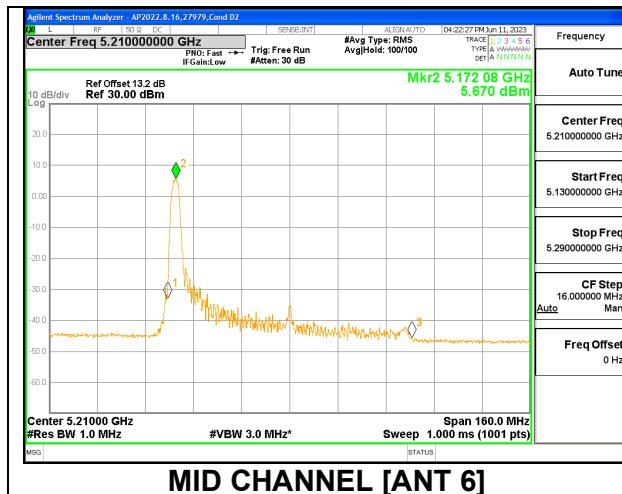
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.47	8.46	11.48	24.00	-12.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	5.670	5.648	8.669	11.00	-2.331



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

Test Engineer:	23560
Test Date:	5/18/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.46	0.53	24.00	11.00

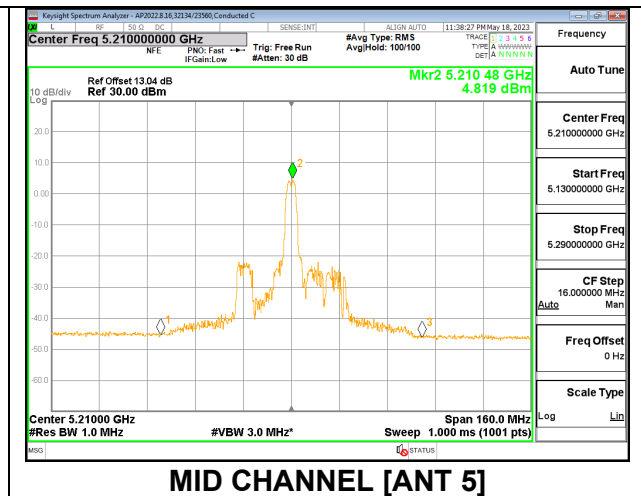
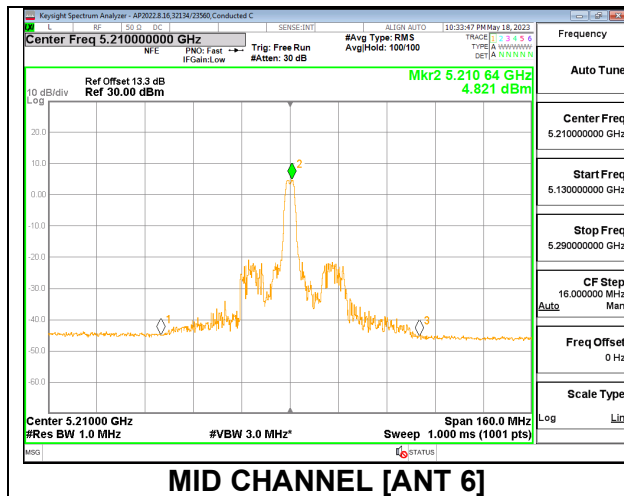
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.42	8.43	11.44	24.00	-12.56

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)
Mid	5210	4.821	4.819	7.830	11.00	-3.170



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

Test Engineer:	27979
Test Date:	6/11/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.46	0.53	24.00	11.00

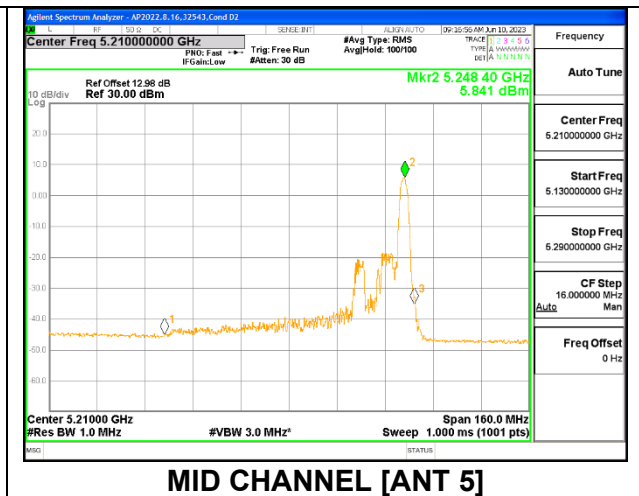
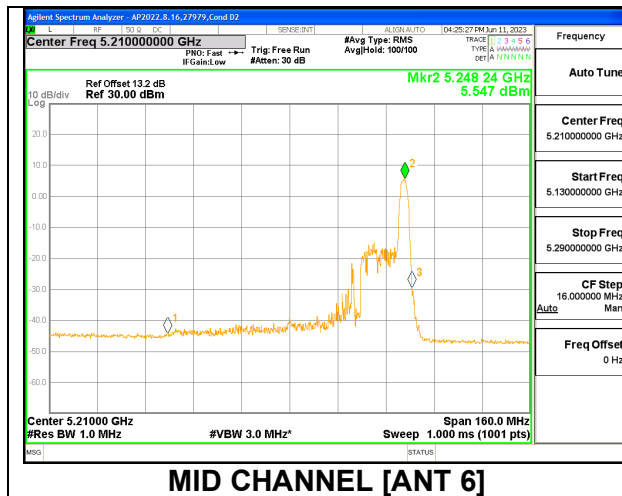
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.48	8.44	11.47	24.00	-12.53

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	5.547	5.841	8.707	11.00	-2.293



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

Test Engineer:	26118
Test Date:	5/8/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-2.46	0.53	24.00	11.00

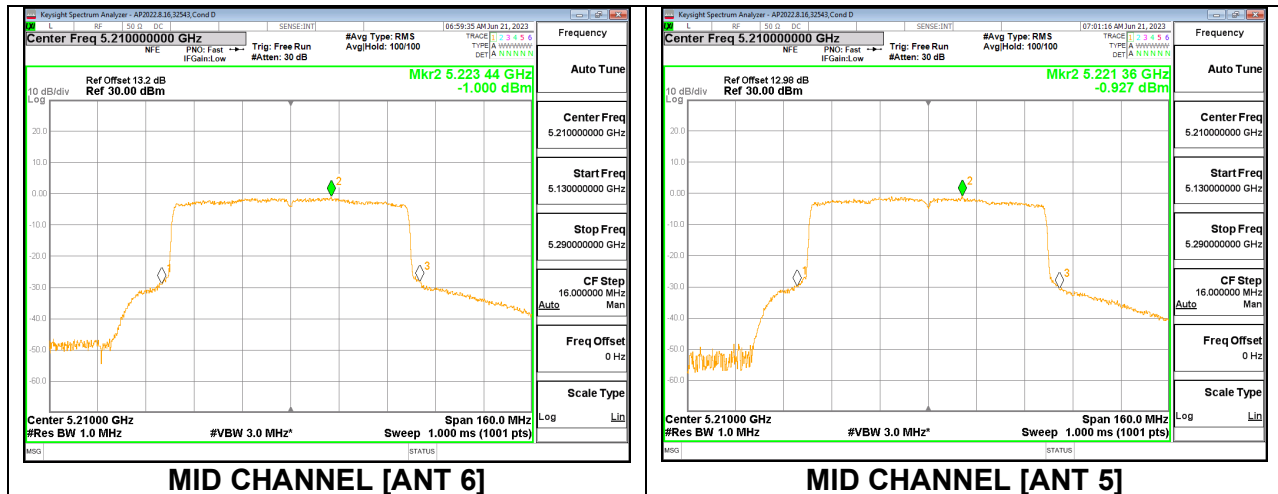
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.94	15.93	18.95	24.00	-5.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-1.000	-0.927	2.287	11.00	-8.713



9.4.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/8/2023

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	20.57	-0.4	24.00	11.00
Mid	5300	20.88	-0.4	24.00	11.00
High	5320	20.54	-0.4	24.00	11.00

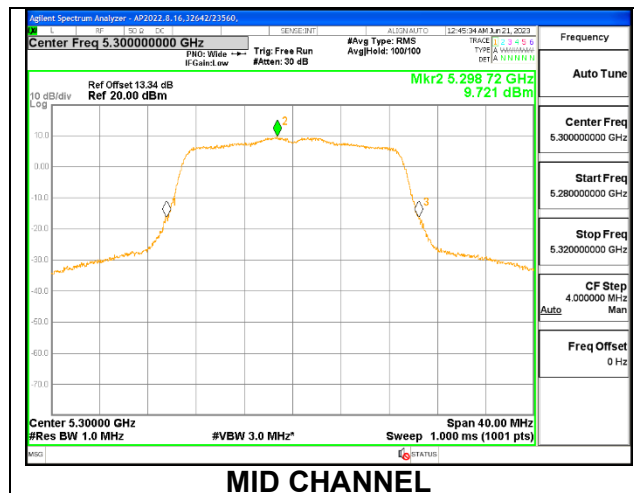
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.45	19.45	24.00	-4.55
Mid	5300	19.46	19.46	24.00	-4.54
High	5320	18.95	18.95	24.00	-5.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.865	9.865	11.00	-1.135
Mid	5300	9.721	9.721	11.00	-1.279
High	5320	7.979	7.979	11.00	-3.021



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/8/2023

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	-2.5	24.00	11.00
Mid	5300	20.81	-2.5	24.00	11.00
High	5320	20.48	-2.5	24.00	11.00

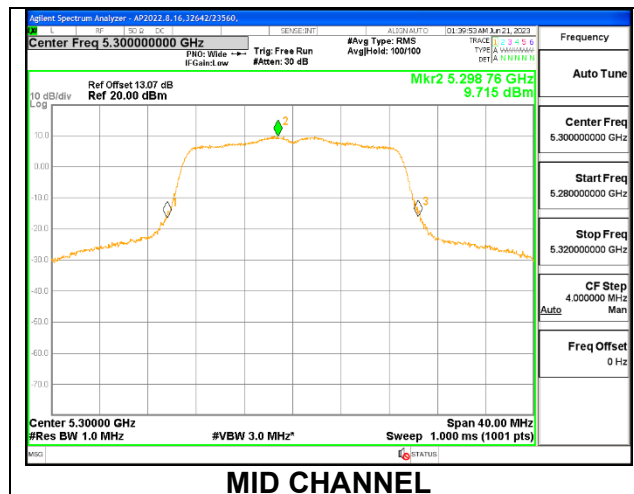
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.48	19.48	24.00	-4.52
Mid	5300	19.42	19.42	24.00	-4.58
High	5320	18.90	18.90	24.00	-5.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.018	10.018	11.00	-0.982
Mid	5300	9.715	9.715	11.00	-1.285
High	5320	7.940	7.940	11.00	-3.060



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

Test Engineer:	26118
Test Date:	2/28/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.70	-1.32	1.62	24.00	11.00
Mid	5300	20.64	-1.32	1.62	24.00	11.00
High	5320	20.57	-1.32	1.62	24.00	11.00

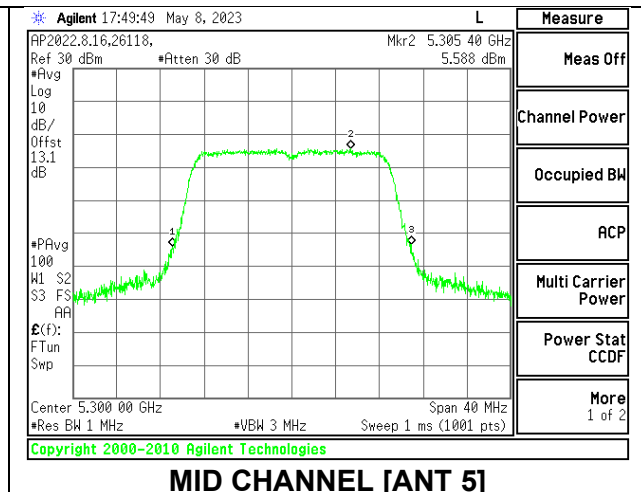
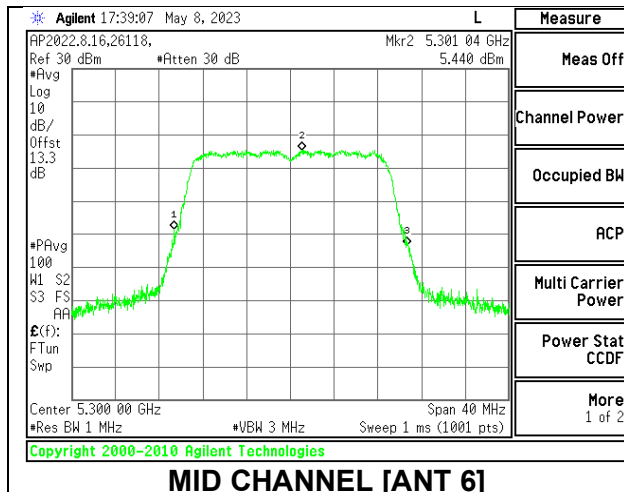
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.41	16.42	19.43	24.00	-4.57
Mid	5300	16.48	16.45	19.48	24.00	-4.52
High	5320	16.44	16.42	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	5.157	5.374	8.277	11.00	-2.723
Mid	5300	5.440	5.588	8.525	11.00	-2.475
High	5320	5.406	5.258	8.343	11.00	-2.657



9.4.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/8/2023

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	-0.4	24.00	11.00
High	5310	40.94	-0.4	24.00	11.00

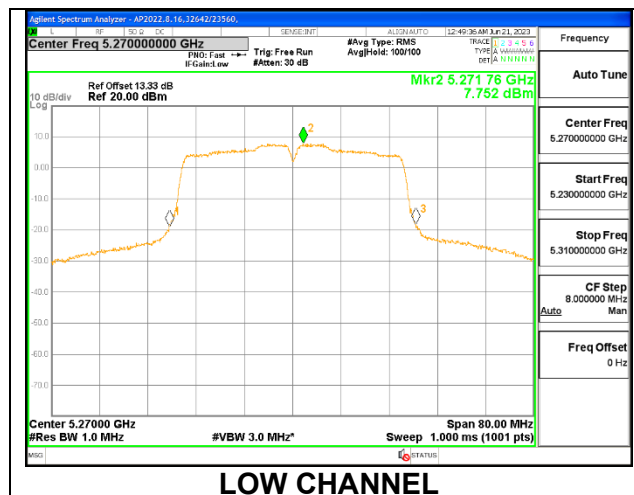
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.98	19.98	24.00	-4.02
High	5310	17.47	17.47	24.00	-6.53

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	5270	7.752	7.752	11.00	-3.248
High	5310	3.615	3.615	11.00	-7.385



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/8/2023

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	40.37	-2.5	24.00	11.00
High	5310	40.75	-2.5	24.00	11.00

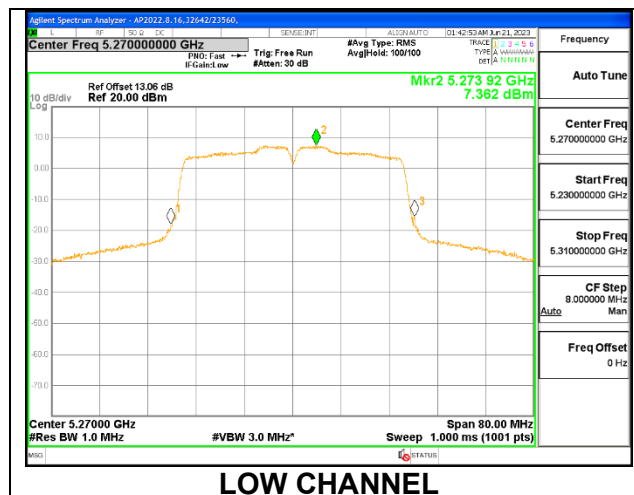
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.96	19.96	24.00	-4.04
High	5310	17.44	17.44	24.00	-6.56

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	5270	7.362	7.362	11.00	-3.638
High	5310	3.713	3.713	11.00	-7.287



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

Test Engineer:	26118
Test Date:	5/8/2023

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	40.48	-1.32	1.62	24.00	11.00
High	5310	40.60	-1.32	1.62	24.00	11.00

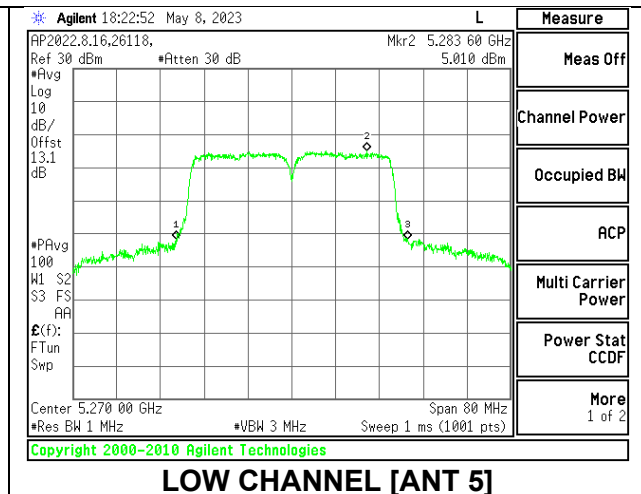
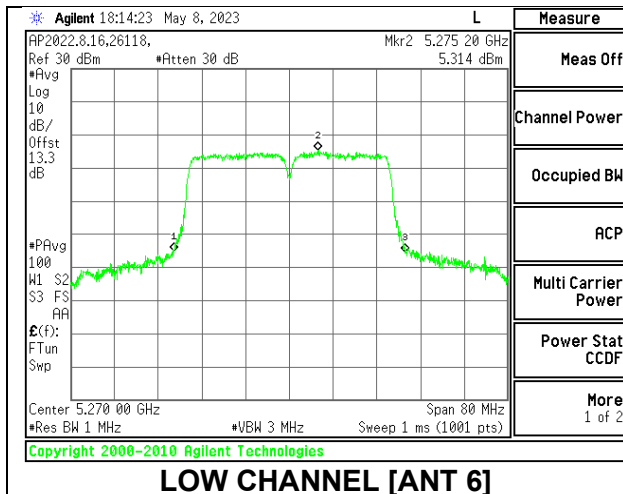
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	18.86	18.95	21.92	24.00	-2.08
High	5310	15.84	15.80	18.83	24.00	-5.17

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	5270	5.314	5.010	8.175	11.00	-2.825
High	5310	2.025	1.998	5.022	11.00	-5.978



9.4.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/8/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	81.48	-0.4	24.00	11.00

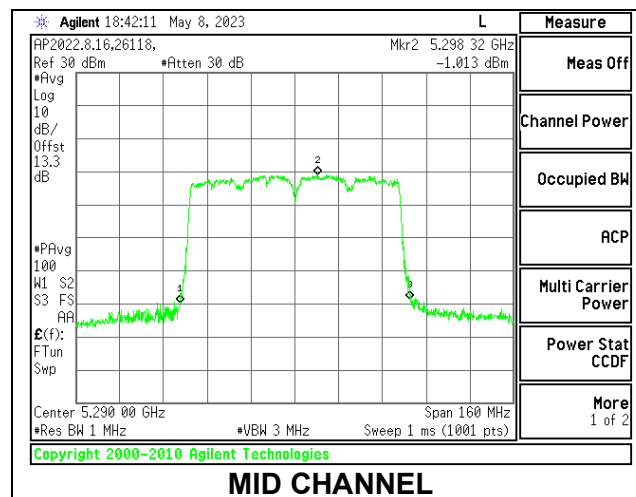
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.91	15.91	24.00	-8.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-1.013	-1.013	11.00	-12.013



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/8/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	81.81	-2.5	24.00	11.00

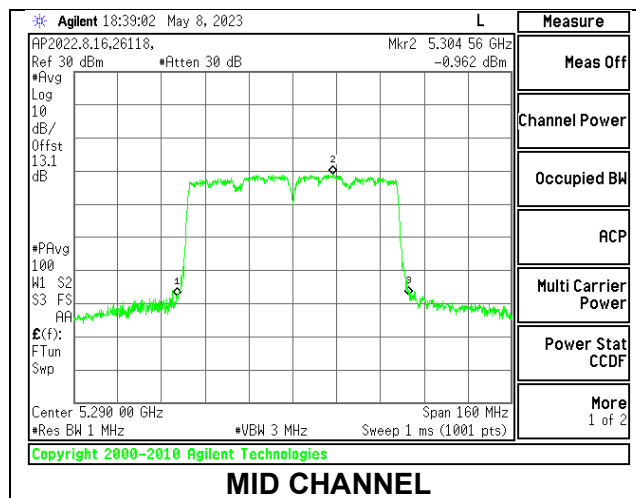
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.95	15.95	24.00	-8.05

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.962	-0.962	11.00	-11.962



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

Test Engineer:	26118
Test Date:	5/8/2023

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	81.03	-1.32	1.62	24.00	11.00

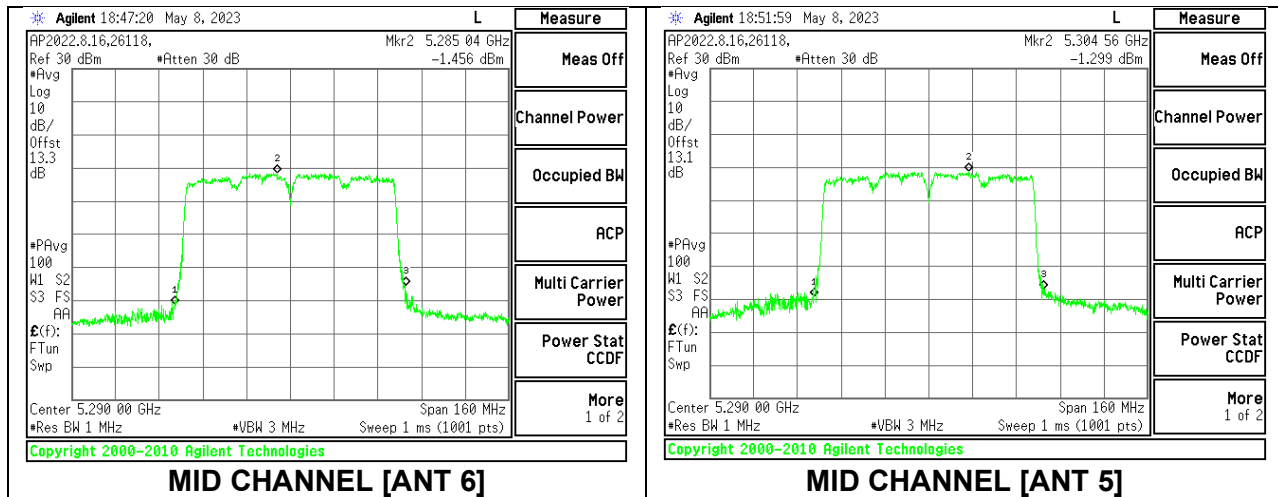
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.45	15.47	18.47	24.00	-5.53

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	-1.456	-1.299	1.634	11.00	-9.366



9.4.10. 802.11ax HE20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/12/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.86	-0.4	24.00	11.00
Mid	5300	20.62	-0.4	24.00	11.00
High	5320	20.92	-0.4	24.00	11.00

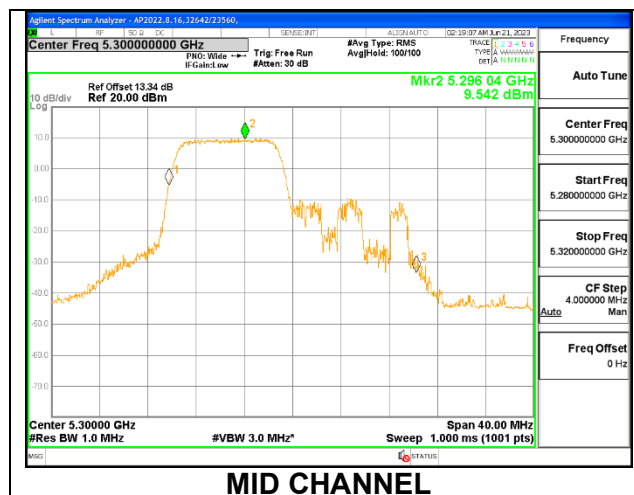
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.46	17.46	24.00	-6.54
Mid	5300	17.48	17.48	24.00	-6.52
High	5320	17.48	17.48	24.00	-6.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.686	9.686	11.00	-1.314
Mid	5300	9.542	9.542	11.00	-1.458
High	5320	9.486	9.486	11.00	-1.514



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/12/2023

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	21.17	-0.4	24.00	11.00
Mid	5300	21.03	-0.4	24.00	11.00
High	5320	21.06	-0.4	24.00	11.00

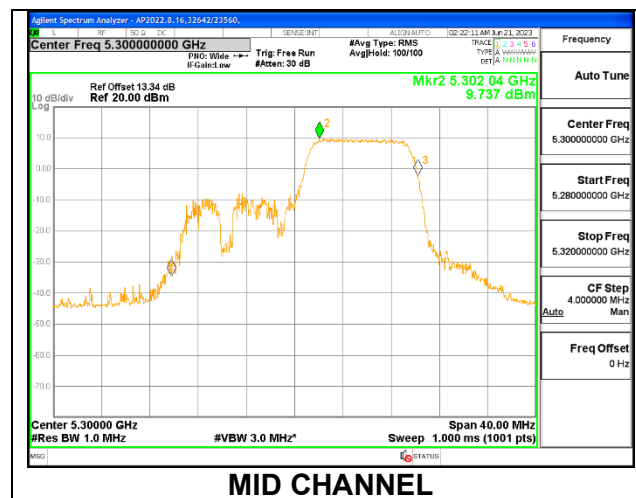
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.47	17.47	24.00	-6.53
Mid	5300	17.46	17.46	24.00	-6.54
High	5320	17.47	17.47	24.00	-6.53

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	5260	9.601	9.601	11.00	-1.399
Mid	5300	9.737	9.737	11.00	-1.263
High	5320	9.480	9.480	11.00	-1.520



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/8/2023

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	20.80	-0.4	24.00	11.00
Mid	5300	20.42	-0.4	24.00	11.00
High	5320	20.42	-0.4	24.00	11.00

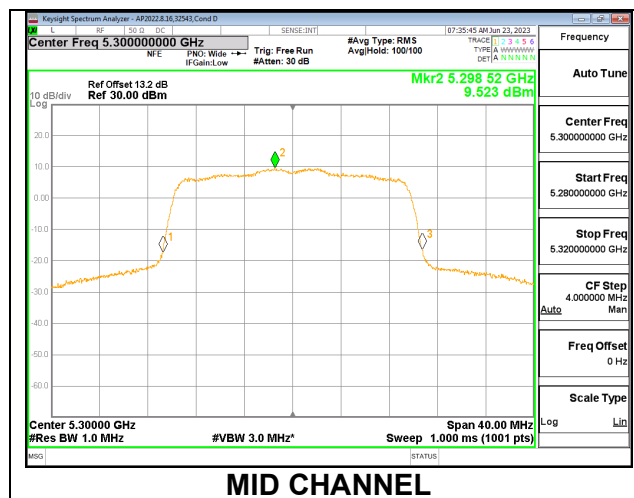
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.46	19.46	24.00	-4.54
Mid	5300	19.48	19.48	24.00	-4.52
High	5320	18.41	18.41	24.00	-5.59

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.410	9.410	11.00	-1.590
Mid	5300	9.523	9.523	11.00	-1.477
High	5320	8.200	8.200	11.00	-2.800



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/12/2023

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	20.78	-2.5	24.00	11.00
Mid	5300	20.75	-2.5	24.00	11.00
High	5320	20.72	-2.5	24.00	11.00

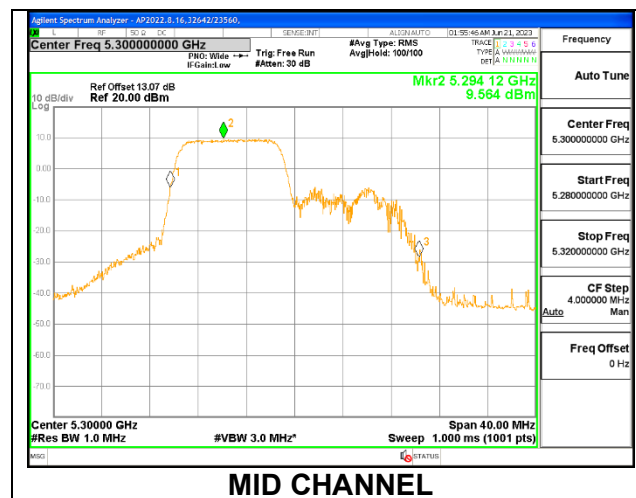
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.44	17.44	24.00	-6.56
Mid	5300	17.45	17.45	24.00	-6.55
High	5320	17.44	17.44	24.00	-6.56

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	9.461	9.461	11.00	-1.539
Mid	5300	9.564	9.564	11.00	-1.436
High	5320	9.399	9.399	11.00	-1.601



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/12/2023

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	21.23	-2.5	24.00	11.00
Mid	5300	20.89	-2.5	24.00	11.00
High	5320	21.15	-2.5	24.00	11.00

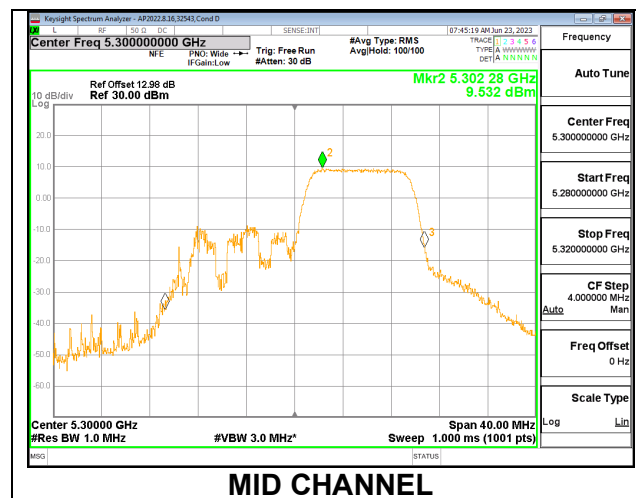
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.47	17.47	24.00	-6.53
Mid	5300	17.45	17.45	24.00	-6.55
High	5320	17.40	17.40	24.00	-6.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.650	9.650	11.00	-1.350
Mid	5300	9.532	9.532	11.00	-1.468
High	5320	9.443	9.443	11.00	-1.557



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/8/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.86	-2.5	24.00	11.00
Mid	5300	20.55	-2.5	24.00	11.00
High	5320	21.00	-2.5	24.00	11.00

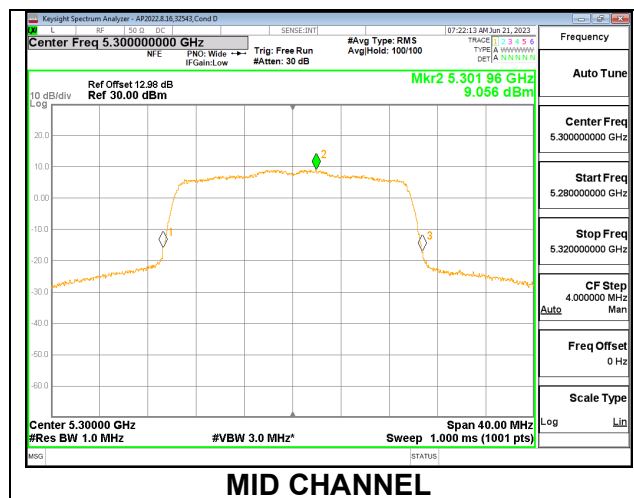
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.40	19.40	24.00	-4.60
Mid	5300	19.40	19.40	24.00	-4.60
High	5320	18.39	18.39	24.00	-5.61

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.052	9.052	11.00	-1.948
Mid	5300	9.056	9.056	11.00	-1.944
High	5320	8.196	8.196	11.00	-2.804



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/13/2023

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	220.10	-1.32	1.62	24.00	11.00
Mid	5300	19.60	-1.32	1.62	23.92	11.00
High	5320	19.87	-1.32	1.62	23.98	11.00

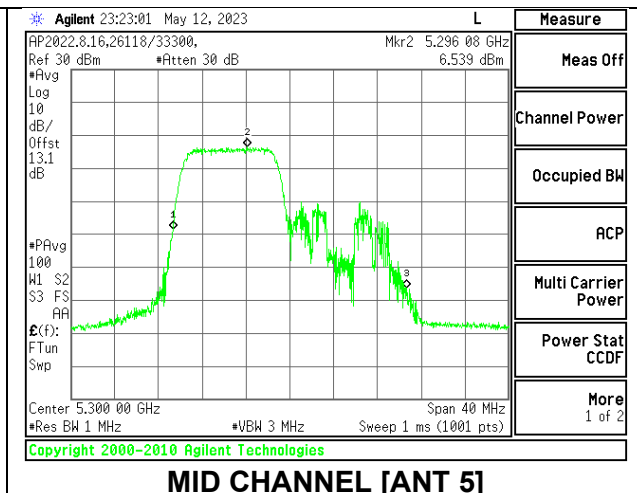
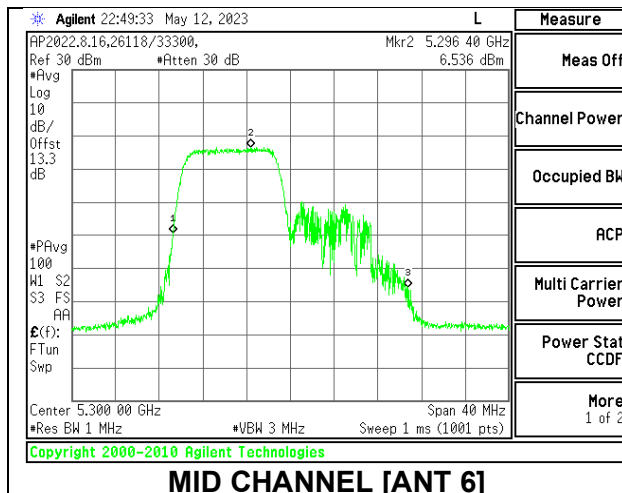
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.40	14.41	17.42	24.00	-6.58
Mid	5300	14.42	14.45	17.45	23.92	-6.48
High	5320	14.40	14.44	17.43	23.98	-6.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.539	6.592	9.576	11.00	-1.424
Mid	5300	6.536	6.539	9.548	11.00	-1.452
High	5320	6.262	6.491	9.388	11.00	-1.612



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/12/2023

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	20.04	-1.32	1.62	24.00	11.00
Mid	5300	20.03	-1.32	1.62	24.00	11.00
High	5320	20.11	-1.32	1.62	24.00	11.00

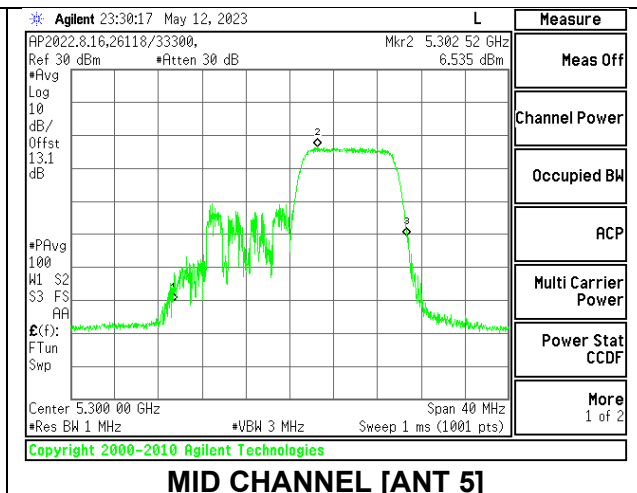
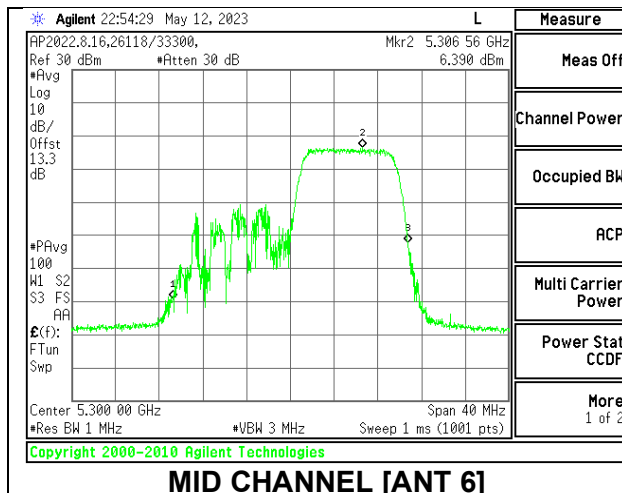
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	14.40	14.46	17.44	24.00	-6.56
Mid	5300	14.45	14.42	17.45	24.00	-6.55
High	5320	14.45	14.46	17.47	24.00	-6.53

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	6.436	6.407	9.432	11.00	-1.568
Mid	5300	6.390	6.535	9.473	11.00	-1.527
High	5320	6.604	6.432	9.529	11.00	-1.471



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

Test Engineer:	26118
Test Date:	5/8/2023

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	20.67	-1.32	1.62	24.00	11.00
Mid	5300	20.49	-1.32	1.62	24.00	11.00
High	5320	20.90	-1.32	1.62	24.00	11.00

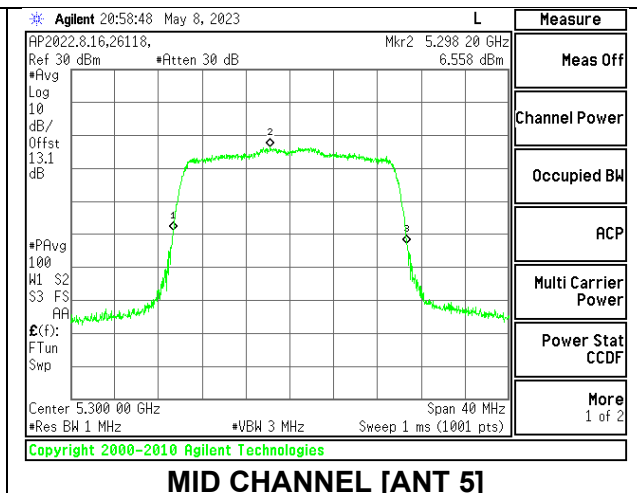
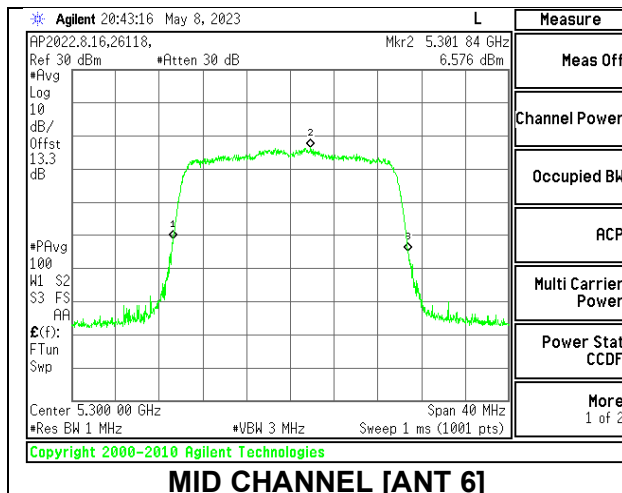
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.45	16.42	19.45	24.00	-4.55
Mid	5300	16.42	16.42	19.43	24.00	-4.57
High	5320	16.41	16.40	19.42	24.00	-4.58

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	5260	6.435	6.254	9.356	11.00	-1.644
Mid	5300	6.576	6.558	9.577	11.00	-1.423
High	5320	6.408	6.458	9.443	11.00	-1.557



9.4.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	24.42	-0.4	24.00	11.00
High	5310	23.44	-0.4	24.00	11.00

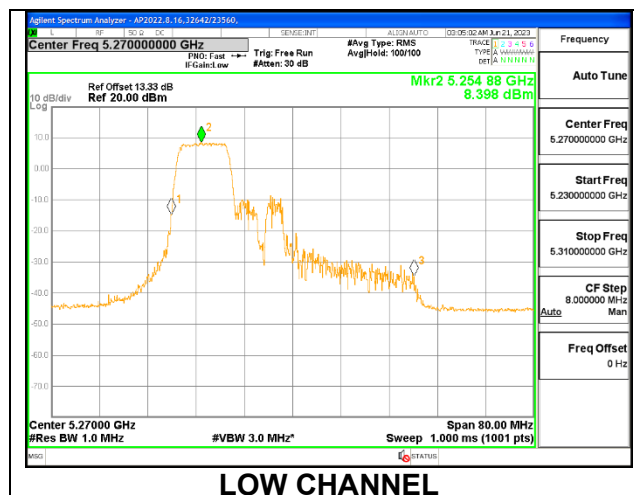
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.48	16.48	24.00	-7.52
High	5310	15.82	15.82	24.00	-8.18

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	8.398	8.398	11.00	-2.602
High	5310	7.945	7.945	11.00	-3.055



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/15/2023

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	28.42	-0.4	24.00	11.00
High	5310	29.44	-0.4	24.00	11.00

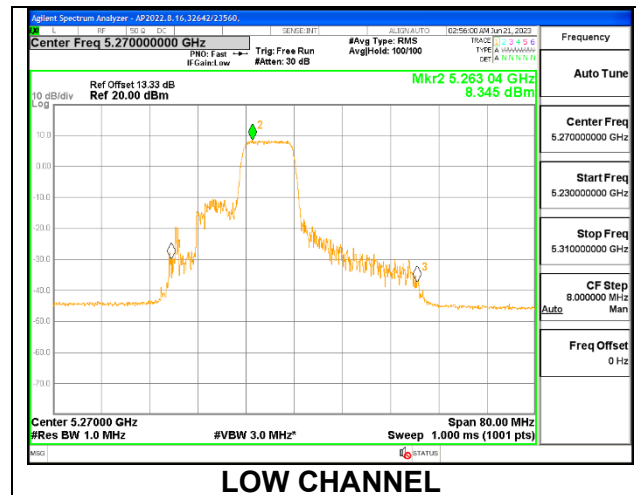
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.46	16.46	24.00	-7.54
High	5310	15.91	15.91	24.00	-8.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.345	8.345	11.00	-2.655
High	5310	7.966	7.966	11.00	-3.034



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/15/2023

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	20.09	-0.4	24.00	11.00
High	5310	25.44	-0.4	24.00	11.00

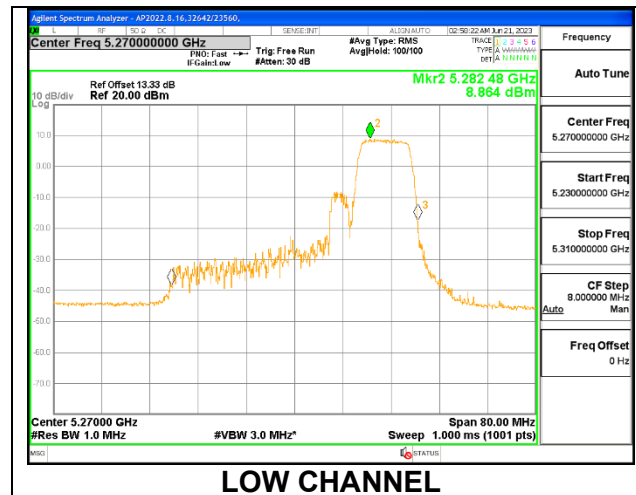
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.48	16.48	24.00	-7.52
High	5310	15.98	15.98	24.00	-8.02

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	8.864	8.864	11.00	-2.136
High	5310	8.133	8.133	11.00	-2.867



LOW CHANNEL

1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/8/2023

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	40.78	-0.4	24.00	11.00
High	5310	41.01	-0.4	24.00	11.00

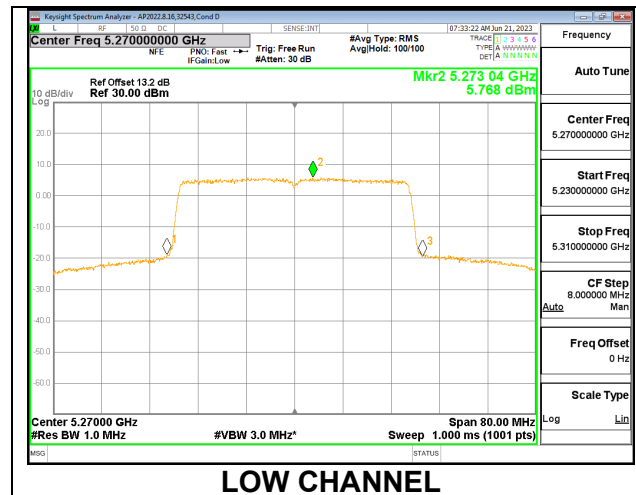
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.98	19.98	24.00	-4.02
High	5310	16.47	16.47	24.00	-7.53

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	5270	5.768	5.898	11.00	-5.102
High	5310	2.572	2.702	11.00	-8.298



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	24.45	-2.5	24.00	11.00
High	5310	25.77	-2.5	24.00	11.00

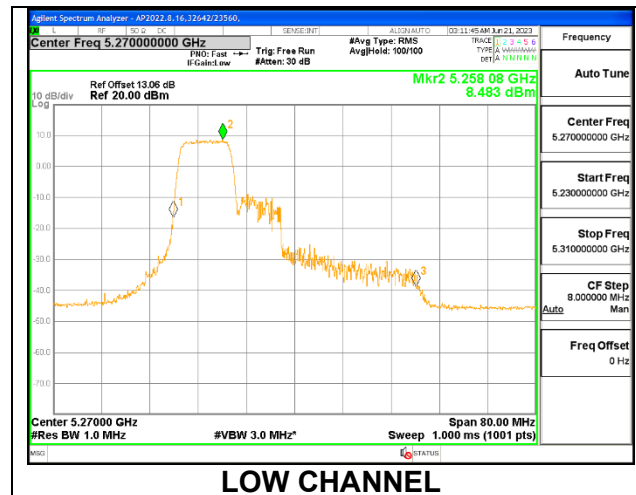
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.45	16.45	24.00	-7.55
High	5310	15.98	15.98	24.00	-8.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.483	8.483	11.00	-2.517
High	5310	7.824	7.824	11.00	-3.176



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/15/2023

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	28.07	-2.5	24.00	11.00
High	5310	28.50	-2.5	24.00	11.00

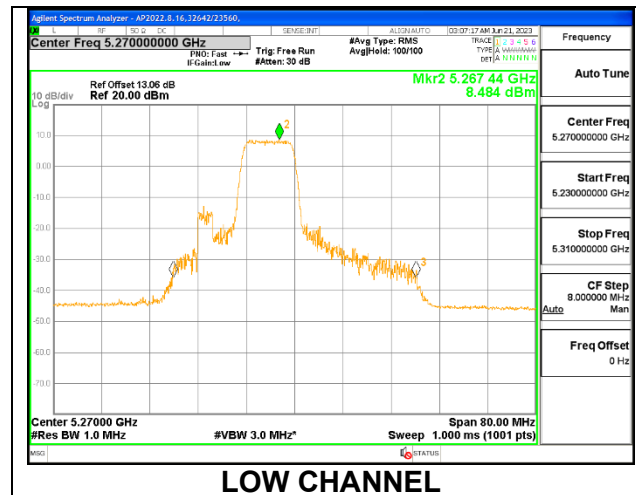
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.47	16.47	24.00	-7.53
High	5310	15.90	15.90	24.00	-8.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.484	8.484	11.00	-2.516
High	5310	7.696	7.696	11.00	-3.304



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	24.90	-2.5	24.00	11.00
High	5310	25.25	-2.5	24.00	11.00

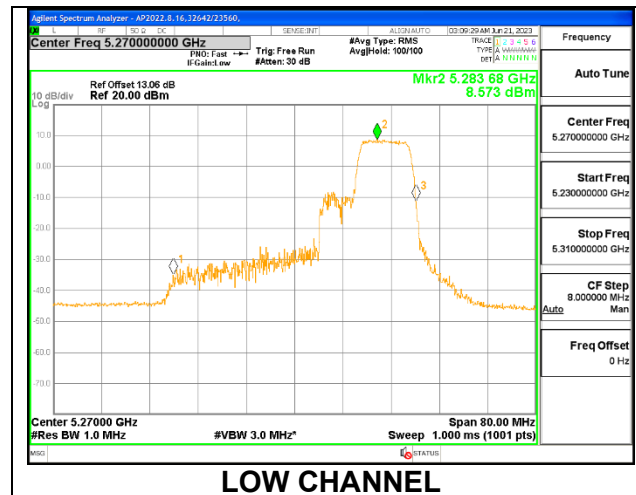
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.47	16.47	24.00	-7.53
High	5310	15.90	15.90	24.00	-8.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.573	8.573	11.00	-2.427
High	5310	7.915	7.915	11.00	-3.085



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/8/2023

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	40.22	-2.5	24.00	11.00
High	5310	40.91	-2.5	24.00	11.00

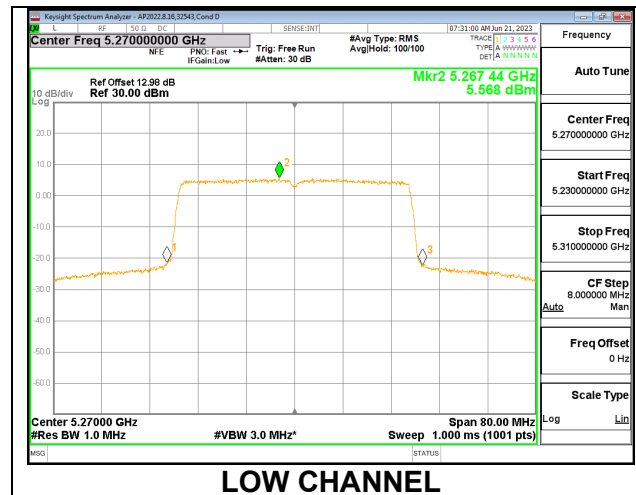
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.92	19.92	24.00	-4.08
High	5310	16.40	16.40	24.00	-7.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	5.568	5.698	11.00	-5.302
High	5310	2.277	2.407	11.00	-8.593



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/15/2023

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	20.83	-1.32	1.62	24.00	11.00
High	5310	20.47	-1.32	1.62	24.00	11.00

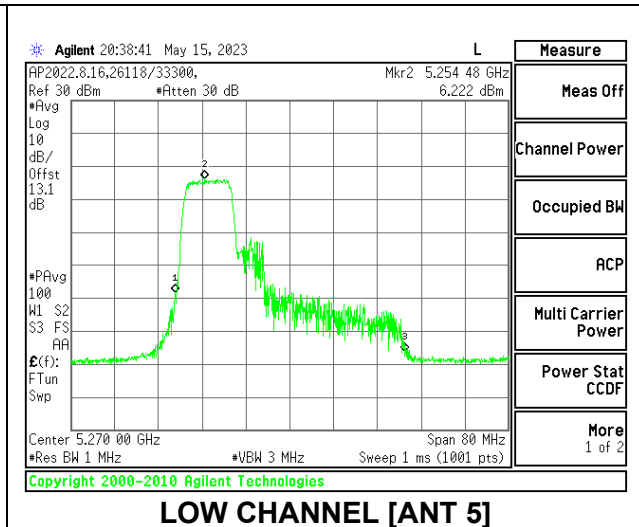
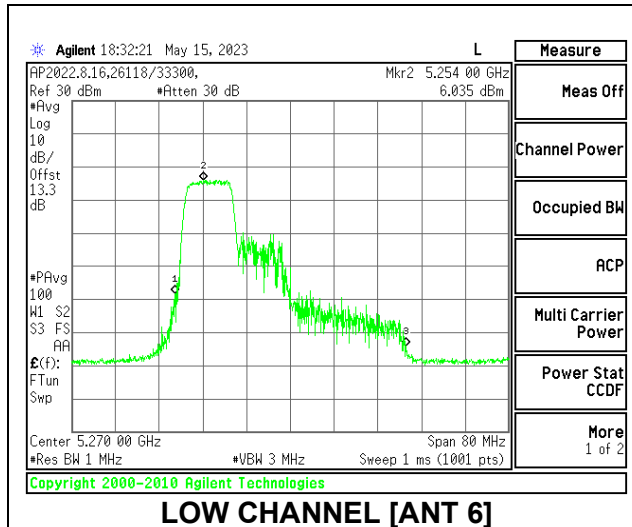
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.42	14.43	17.44	24.00	-6.56
High	5310	14.47	14.47	17.48	24.00	-6.52

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	6.035	6.222	9.140	11.00	-1.860
High	5310	6.530	6.357	9.455	11.00	-1.545



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/15/2023

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	26.72	-1.32	1.62	24.00	11.00
High	5310	26.03	-1.32	1.62	24.00	11.00

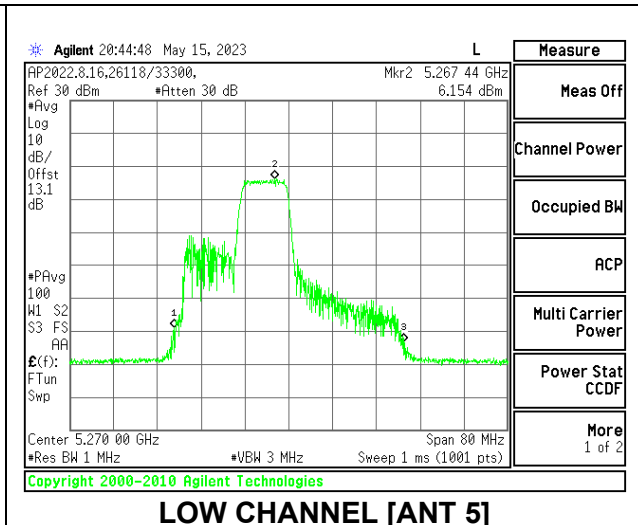
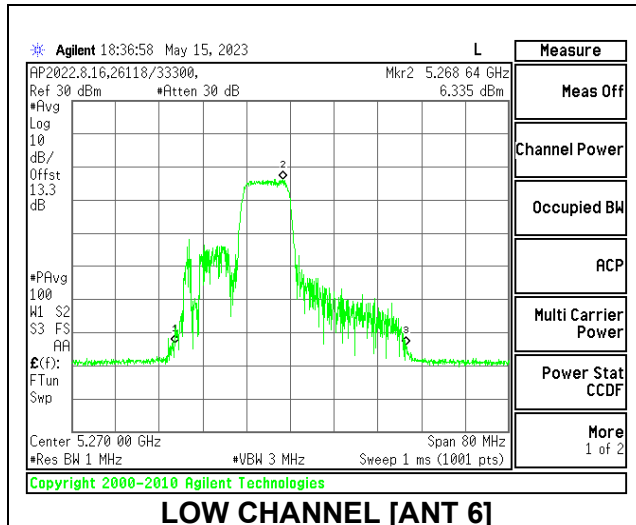
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.44	14.48	17.47	24.00	-6.53
High	5310	14.42	14.40	17.42	24.00	-6.58

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	5270	6.335	6.154	9.256	11.00	-1.744
High	5310	6.092	6.227	9.170	11.00	-1.830



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/15/2023

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	20.63	-1.32	1.62	24.00	11.00
High	5310	22.07	-1.32	1.62	24.00	11.00

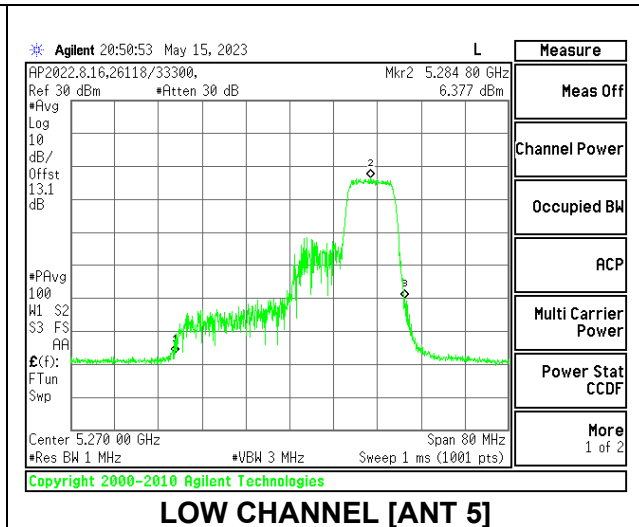
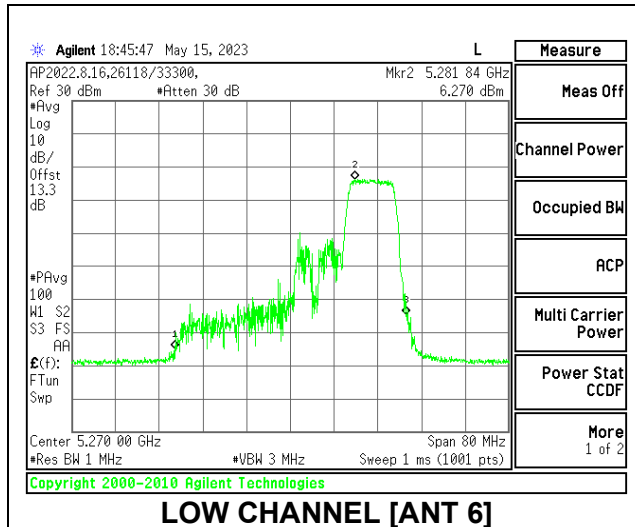
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.43	14.43	17.44	24.00	-6.56
High	5310	14.42	14.46	17.45	24.00	-6.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.270	6.377	9.334	11.00	-1.666
High	5310	6.362	6.221	9.302	11.00	-1.698



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

Test Engineer:	26118
Test Date:	5/8/2023

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	40.46	-1.32	1.62	24.00	11.00
High	5310	41.33	-1.32	1.62	24.00	11.00

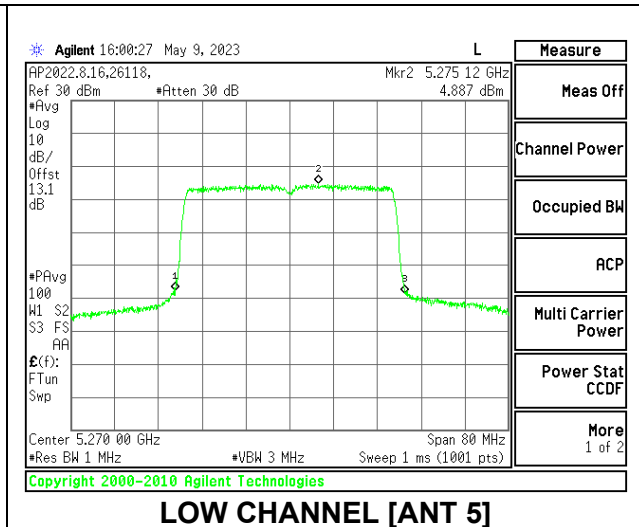
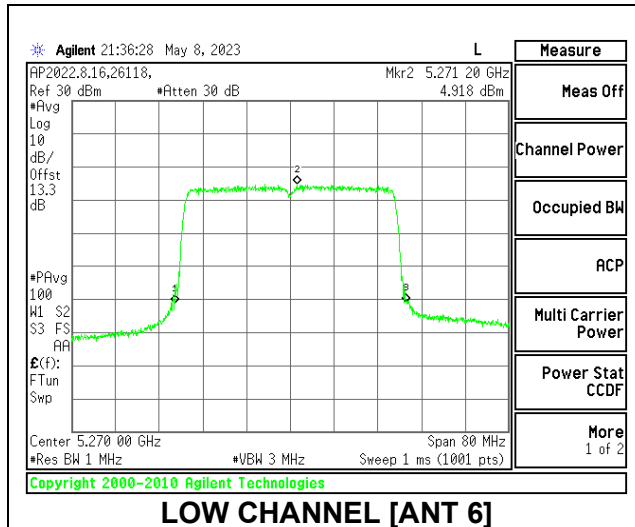
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

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	18.93	18.90	21.93	24.00	-2.07
High	5310	15.90	15.93	18.93	24.00	-5.07

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	5270	4.918	4.887	8.043	11.00	-2.957
High	5310	2.387	1.988	5.332	11.00	-5.668



9.4.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/15/2023

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	26.16	-0.4	24.00	11.00

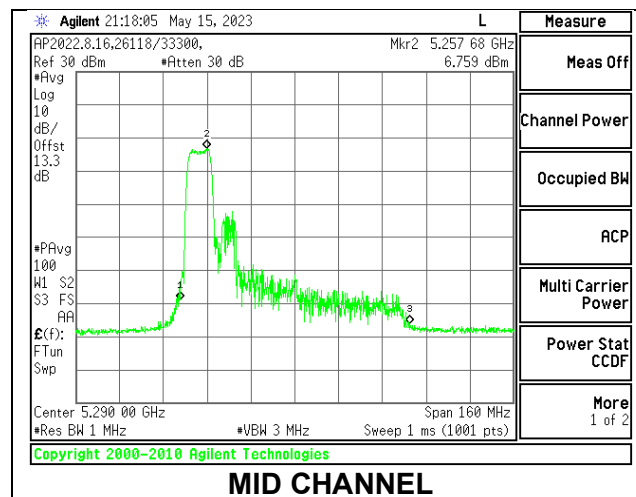
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.97	14.97	24.00	-9.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.759	6.759	11.00	-4.24



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/15/2023

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	29.90	-0.4	24.00	11.00

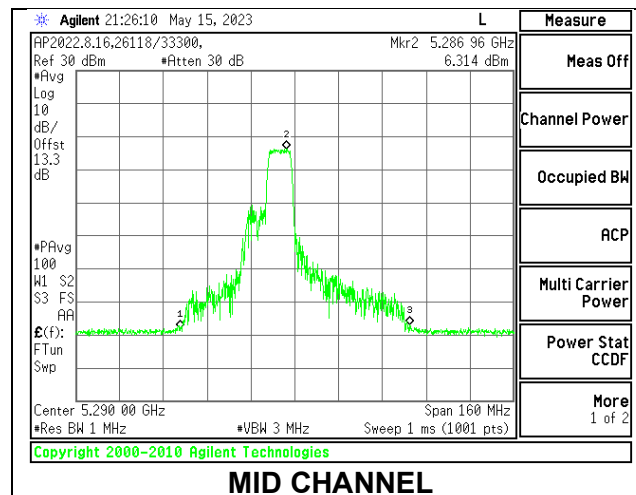
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.87	14.87	24.00	-9.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.314	6.314	11.00	-4.69



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 60

Test Engineer:	26118
Test Date:	5/15/2023

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	25.32	-0.4	24.00	11.00

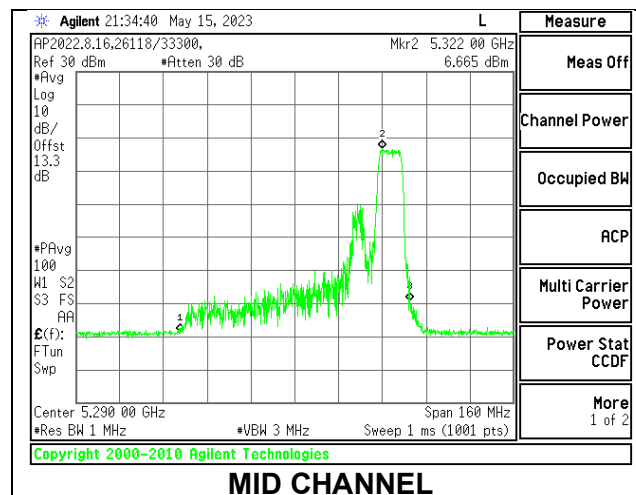
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.94	14.94	24.00	-9.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.665	6.665	11.00	-4.34



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/9/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	40.78	-0.4	24.00	11.00

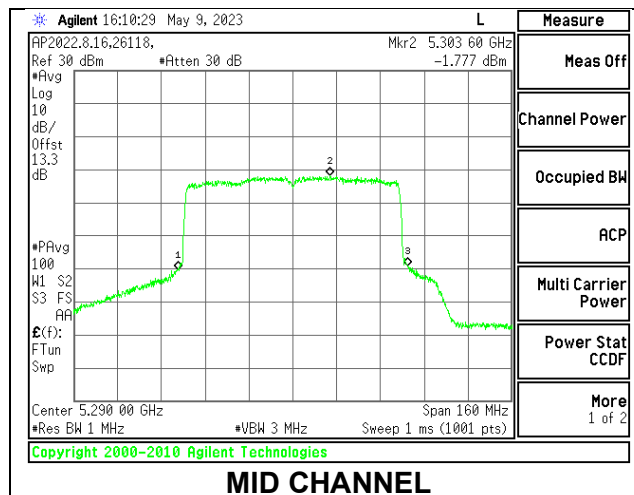
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.46	15.46	24.00	-8.54

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	-1.777	-1.537	11.00	-12.54



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/15/2023

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	26.43	-2.5	24.00	11.00

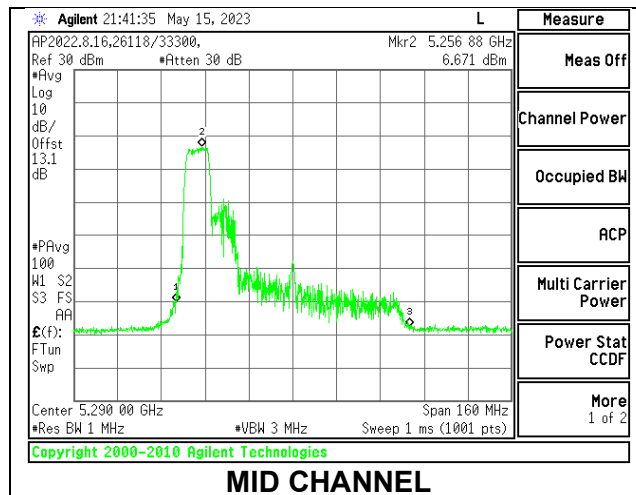
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.92	14.92	24.00	-9.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.671	6.671	11.00	-4.33



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/15/2023

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	33.27	-2.5	24.00	11.00

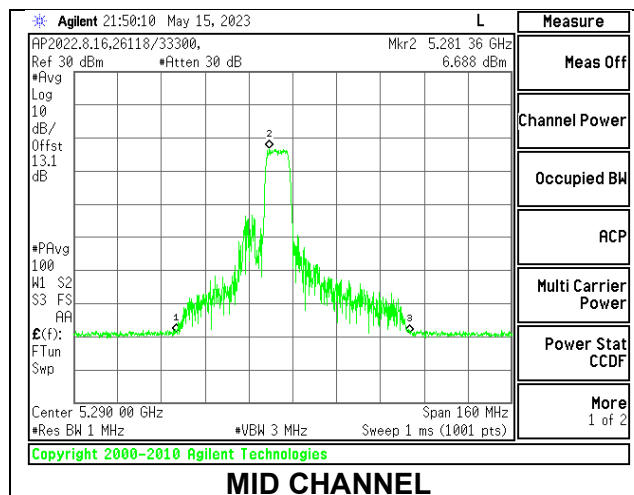
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.93	14.93	24.00	-9.07

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.688	6.688	11.00	-4.31



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 60

Test Engineer:	26118
Test Date:	5/15/2023

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	27.72	-2.5	24.00	11.00

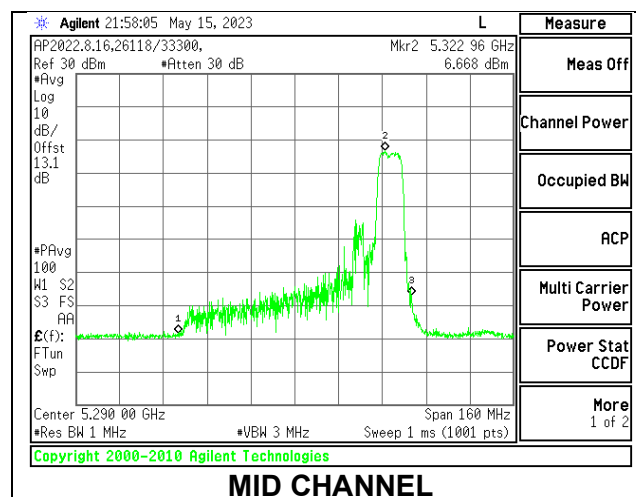
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.90	14.90	24.00	-9.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.668	6.668	11.00	-4.33



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/9/2023

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	83.38	-2.5	24.00	11.00

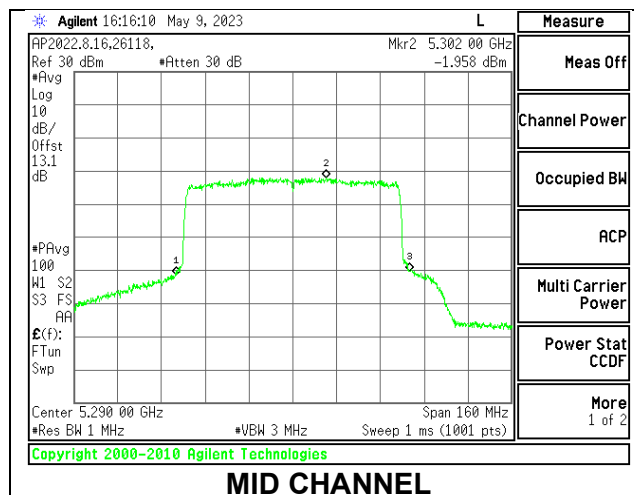
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.43	15.43	24.00	-8.57

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-1.958	-1.718	11.00	-12.72



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/15/2023

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	20.63	-1.32	1.62	24.00	11.00

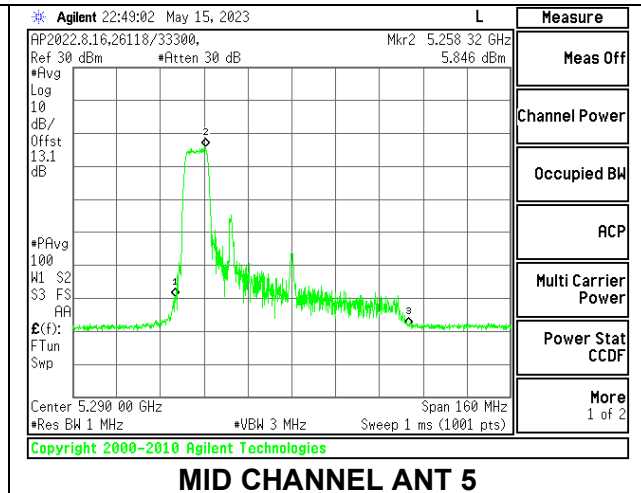
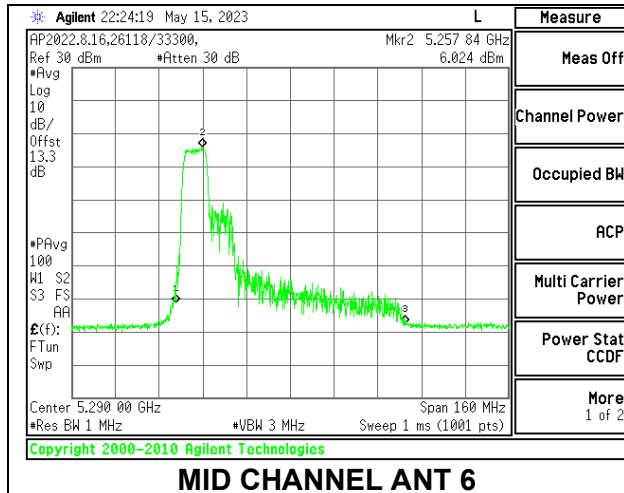
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	13.92	13.90	16.920	24.00	-7.08

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	6.024	5.846	8.946	11.00	-2.05



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/15/2023

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	25.37	-1.32	1.62	24.00	11.00

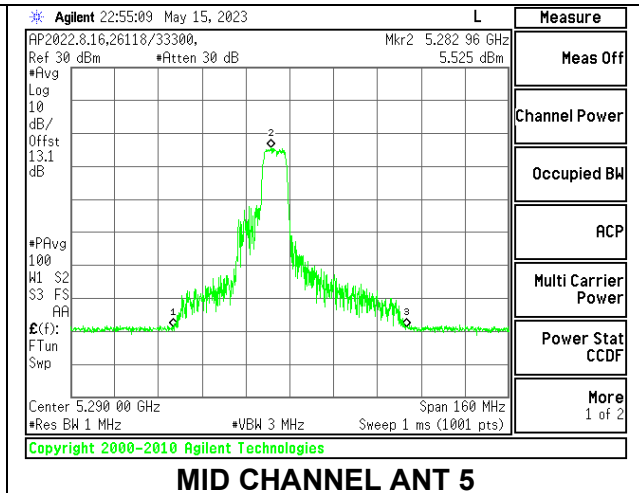
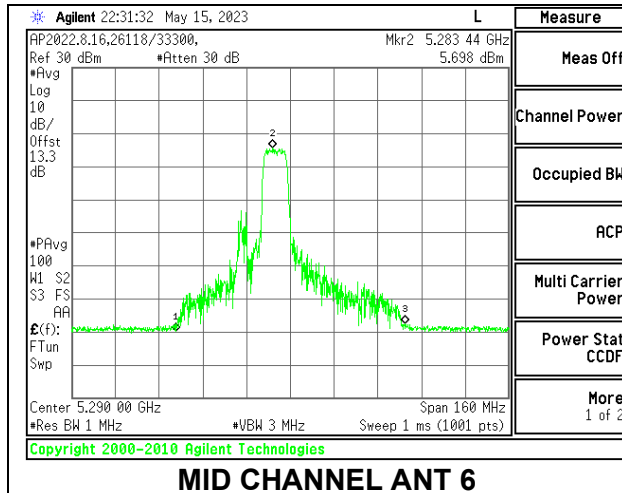
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	13.95	13.98	16.975	24.00	-7.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	5.698	5.525	8.623	11.00	-2.38



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 60

Test Engineer:	26118
Test Date:	5/15/2023

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	21.99	-1.32	1.62	24.00	11.00

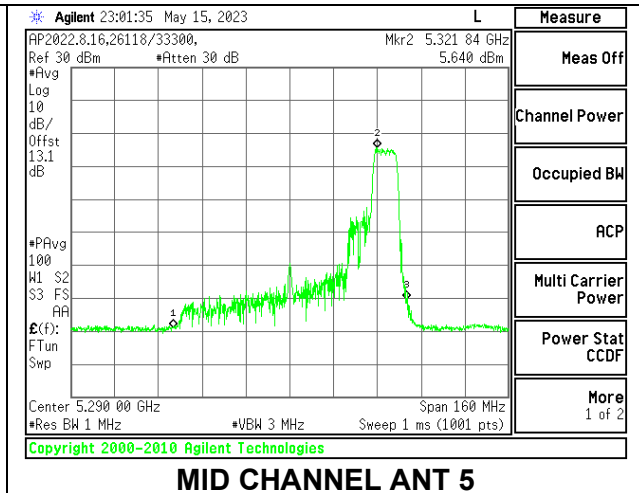
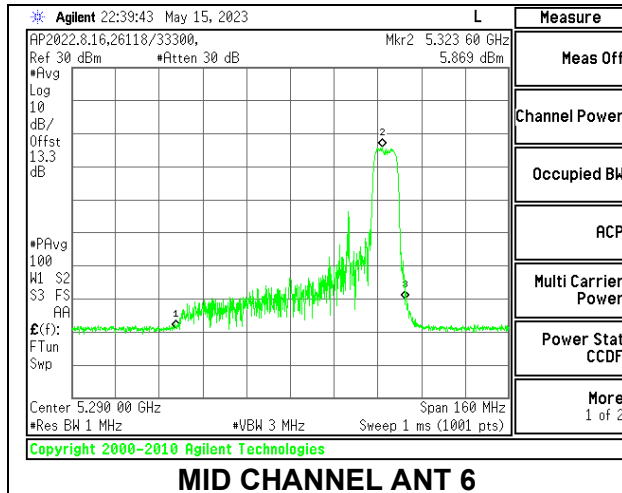
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	13.92	13.92	16.930	24.00	-7.07

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)
Mid	5290	5.869	5.640	8.766	11.00	-2.23



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

Test Engineer:	26118
Test Date:	5/9/2023

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	81.57	-1.32	1.62	24.00	11.00

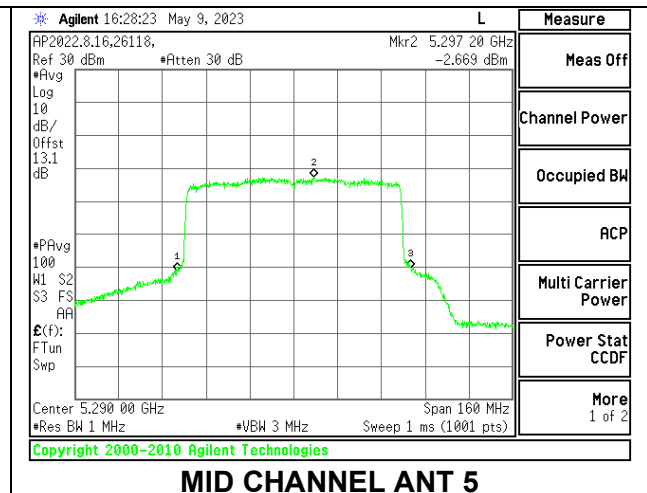
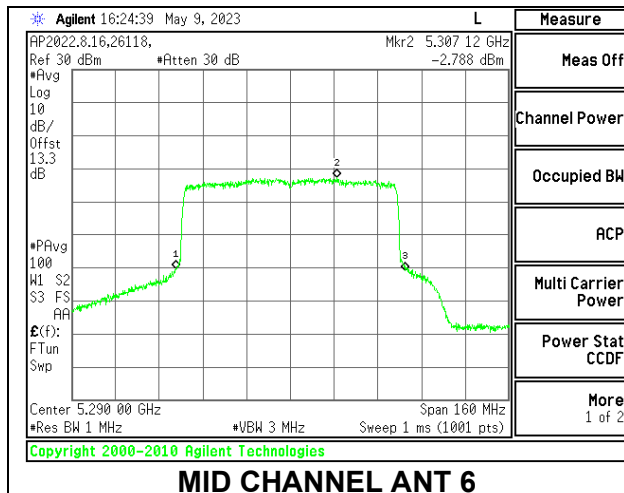
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.42	14.47	17.46	24.00	-6.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-2.788	-2.669	0.522	11.00	-10.48



9.4.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/9/2023

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	20.47	-0.6	24.00	11.00
Mid	5580	20.88	-0.6	24.00	11.00
High	5700	20.76	-0.6	24.00	11.00
144	5720	15.28	-0.6	22.84	11.00

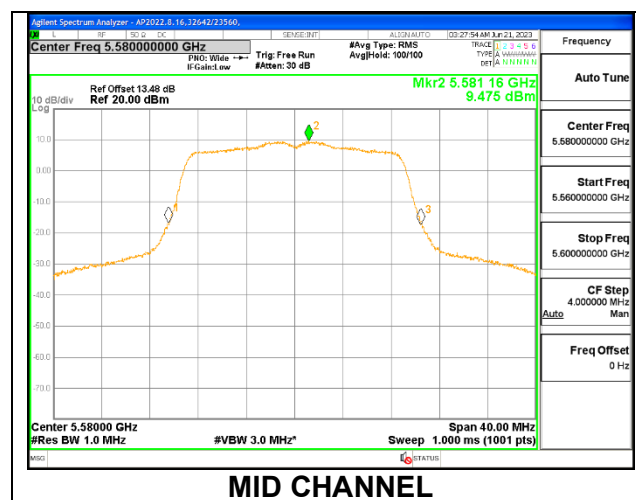
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.75	18.75	24.00	-5.25
Mid	5580	19.48	19.48	24.00	-4.52
High	5700	18.40	18.40	24.00	-5.60
144	5720	19.46	19.46	22.84	-3.38

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	8.160	8.160	11.00	-2.840
Mid	5580	9.475	9.475	11.00	-1.525
High	5700	7.454	7.454	11.00	-3.546
144	5720	9.583	9.583	11.00	-1.417



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/9/2023

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	20.81	-2.8	24.00	11.00
Mid	5580	20.66	-2.8	24.00	11.00
High	5700	20.86	-2.8	24.00	11.00
144	5720	15.33	-2.8	22.85	11.00

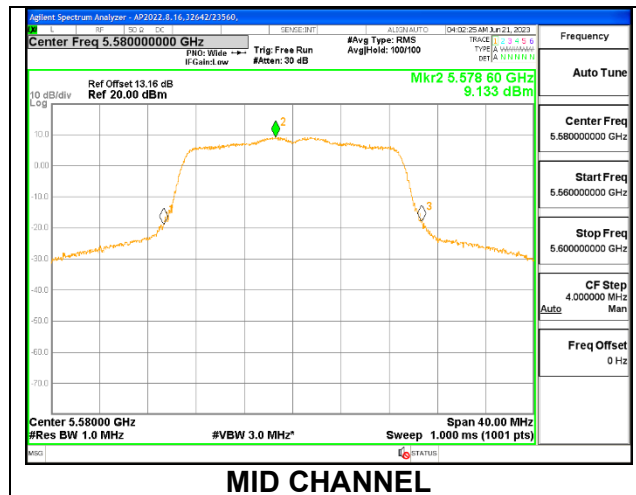
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.71	18.71	24.00	-5.29
Mid	5580	19.42	19.42	24.00	-4.58
High	5700	18.45	18.45	24.00	-5.55
144	5720	19.48	19.48	22.85	-3.37

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	7.732	7.732	11.00	-3.268
Mid	5580	9.133	9.133	11.00	-1.867
High	5700	7.431	7.431	11.00	-3.569
144	5720	9.570	9.570	11.00	-1.430



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

Test Engineer:	26118
Test Date:	5/9/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.53	-1.56	1.38	24.00	11.00
Mid	5580	20.57	-1.56	1.38	24.00	11.00
High	5700	20.61	-1.56	1.38	24.00	11.00
144	5720	15.36	-1.56	1.38	22.86	11.00

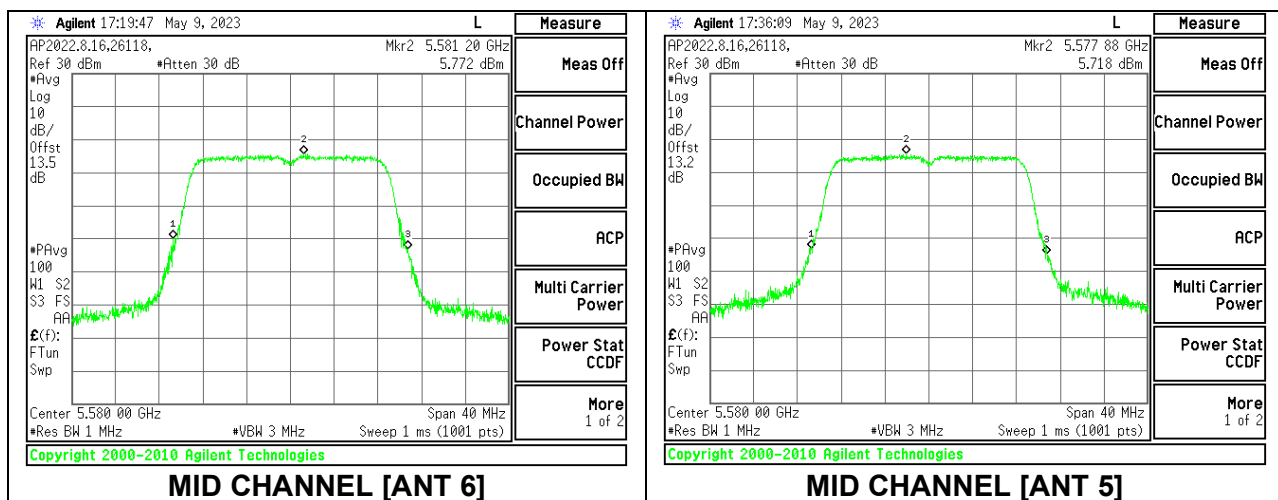
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.48	16.45	19.48	24.00	-4.52
Mid	5580	16.42	16.42	19.43	24.00	-4.57
High	5700	16.45	16.45	19.46	24.00	-4.54
144	5720	16.44	16.46	19.46	22.86	-3.40

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	5.493	5.428	8.471	11.00	-2.529
Mid	5580	5.772	5.718	8.755	11.00	-2.245
High	5700	5.779	5.486	8.645	11.00	-2.355
144	5720	5.852	5.733	8.803	11.00	-2.197



9.4.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/9/2023

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	40.61	-0.6	24.00	11.00
Mid	5550	40.87	-0.6	24.00	11.00
High	5670	40.67	-0.6	24.00	11.00
142	5710	40.91	-0.6	24.00	11.00

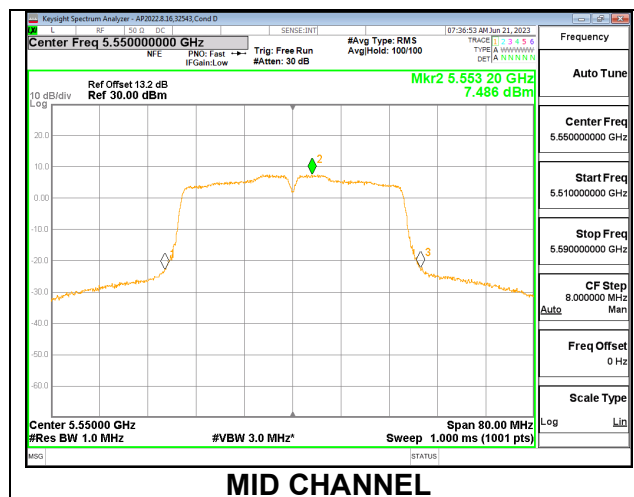
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.40	16.40	24.00	-7.60
Mid	5550	19.97	19.97	24.00	-4.03
High	5670	19.97	19.97	24.00	-4.03
142	5710	19.96	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.542	2.542	11.00	-8.458
Mid	5550	7.486	7.486	11.00	-3.514
High	5670	7.495	7.495	11.00	-3.505
142	5710	7.354	7.354	11.00	-3.646



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/9/2023

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	40.59	-2.8	24.00	11.00
Mid	5550	40.70	-2.8	24.00	11.00
High	5670	40.90	-2.8	24.00	11.00
142	5710	40.86	-2.8	24.00	11.00

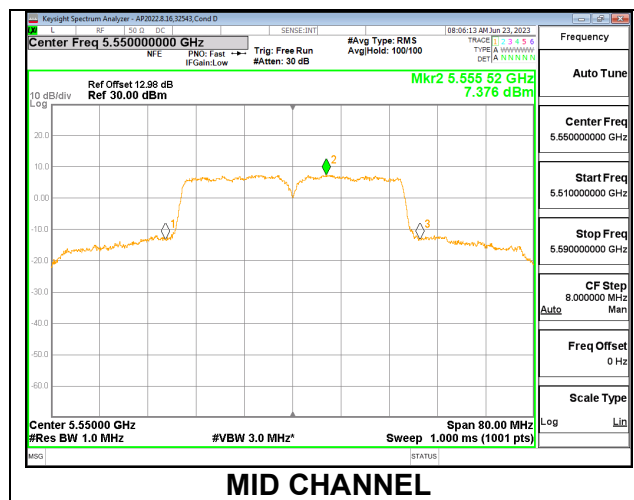
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.42	16.42	24.00	-7.58
Mid	5550	19.94	19.94	24.00	-4.06
High	5670	19.96	19.96	24.00	-4.04
142	5710	19.98	19.98	24.00	-4.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.521	2.521	11.00	-8.479
Mid	5550	7.376	7.376	11.00	-3.624
High	5670	7.477	7.477	11.00	-3.523
142	5710	7.540	7.540	11.00	-3.460



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

Test Engineer:	26118
Test Date:	5/9/2023

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	40.50	-1.56	1.38	24.00	11.00
Mid	5550	40.79	-1.56	1.38	24.00	11.00
High	5670	40.35	-1.56	1.38	24.00	11.00
142	5710	40.41	-1.56	1.38	24.00	11.00

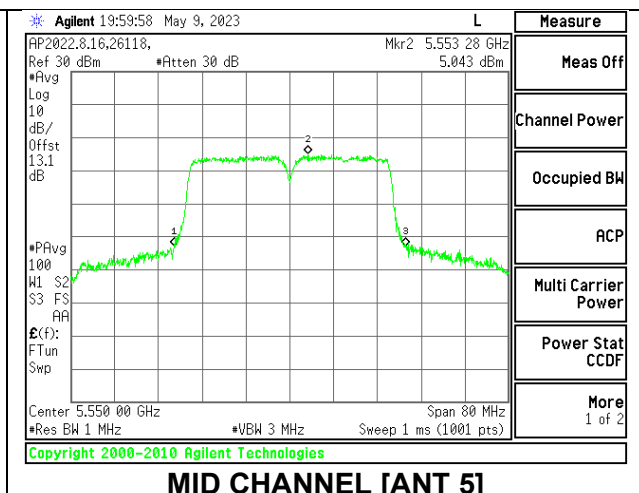
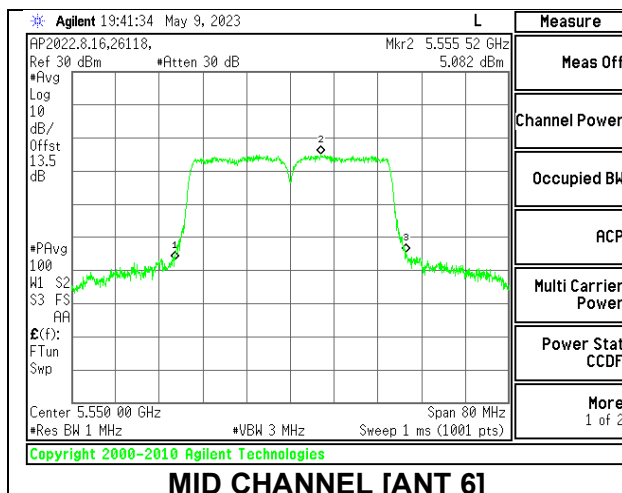
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.46	15.47	18.48	24.00	-5.52
Mid	5550	18.91	18.97	21.95	24.00	-2.05
High	5670	18.89	18.93	21.92	24.00	-2.08
142	5710	18.94	18.89	21.93	24.00	-2.07

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	5510	1.531	1.448	4.500	11.00	-6.50
Mid	5550	5.082	5.043	8.073	11.00	-2.93
High	5670	5.149	5.127	8.148	11.00	-2.85
142	5710	5.121	4.860	8.003	11.00	-3.00



9.4.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/9/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.06	-0.6	24.00	11.00
High	5610	81.49	-0.6	24.00	11.00
138	5690	81.18	-0.6	24.00	11.00

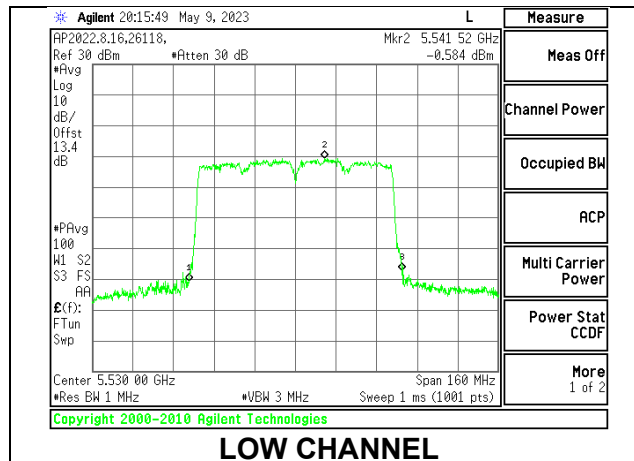
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.97	15.97	24.00	-8.03
High	5610	19.95	19.95	24.00	-4.05
138	5690	19.95	19.95	24.00	-4.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.584	-0.584	11.00	-11.584
High	5610	4.978	4.978	11.00	-6.022
138	5690	4.944	4.944	11.00	-6.056



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/9/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	80.55	-2.80	24.00	11.00
High	5610	82.00	-2.80	24.00	11.00
138	5690	80.91	-2.80	24.00	11.00

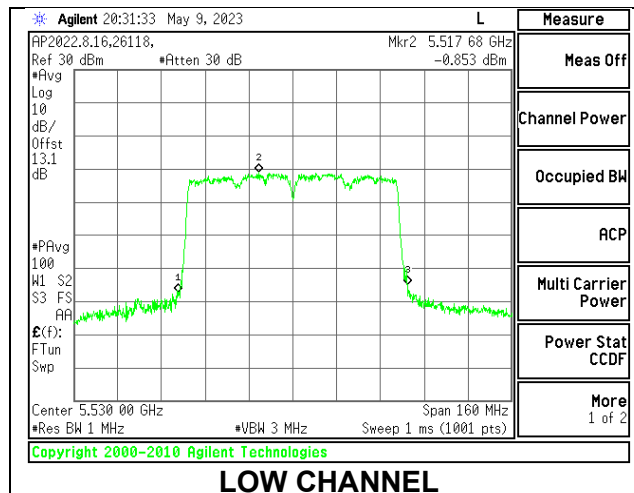
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.95	15.95	24.00	-8.05
High	5610	19.95	19.95	24.00	-4.05
138	5690	19.95	19.95	24.00	-4.05

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.853	-0.853	11.00	-11.853
High	5610	4.938	4.938	11.00	-6.062
138	5690	4.955	4.955	11.00	-6.045



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

Test Engineer:	26118
Test Date:	5/9/2023

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	80.67	-1.56	1.38	24.00	11.00
High	5610	80.82	-1.56	1.38	24.00	11.00
138	5690	79.94	-1.56	1.38	24.00	11.00

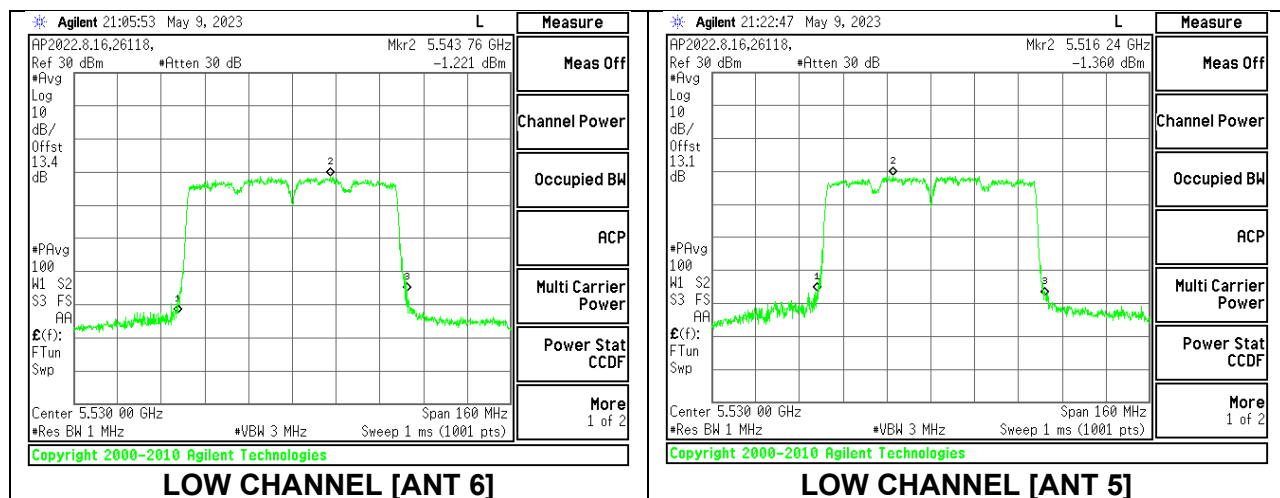
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.22	15.21	18.23	24.00	-5.77
High	5610	19.96	19.97	22.98	24.00	-1.02
138	5690	19.95	19.96	22.97	24.00	-1.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-1.221	-1.360	1.720	11.00	-9.280
High	5610	4.812	4.913	7.873	11.00	-3.127
138	5690	4.701	4.876	7.800	11.00	-3.200



9.4.16. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/15/2023

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	20.86	-0.6	24.00	11.00
Mid	5580	20.34	-0.6	24.00	11.00
High	5700	20.67	-0.6	24.00	11.00
144	5720	15.41	-0.6	22.88	11.00

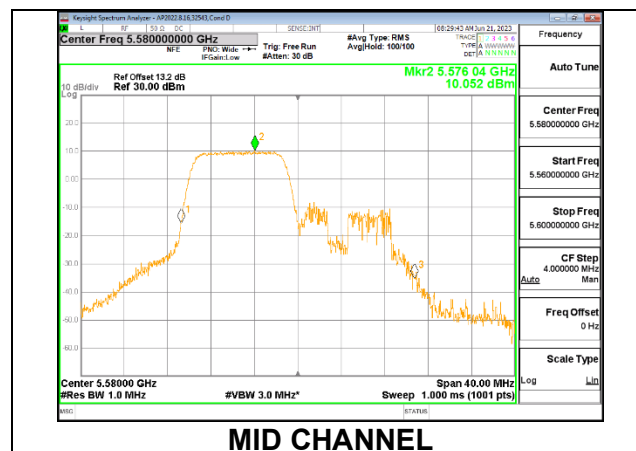
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.47	17.47	24.00	-6.53
Mid	5580	17.47	17.47	24.00	-6.53
High	5700	17.46	17.46	24.00	-6.54
144	5720	17.45	17.45	22.88	-5.43

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	10.079	10.079	11.00	-0.921
Mid	5580	10.052	10.052	11.00	-0.948
High	5700	10.035	10.035	11.00	-0.965
144	5720	9.969	9.969	11.00	-1.031



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/15/2023

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	21.21	-0.6	24.00	11.00
Mid	5580	21.24	-0.6	24.00	11.00
High	5700	21.29	-0.6	24.00	11.00
144	5720	15.58	-0.6	22.93	11.00

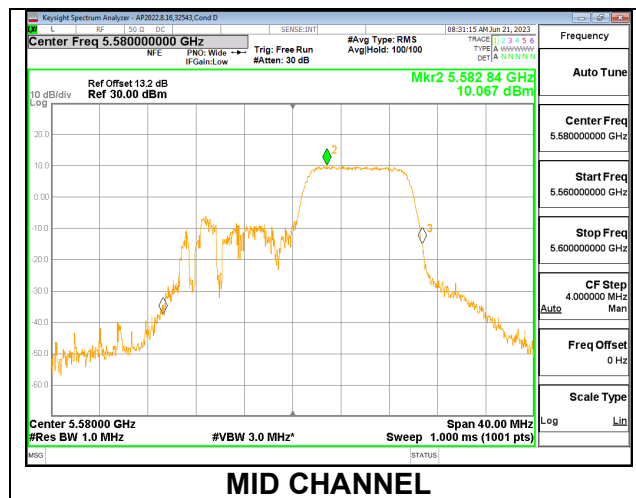
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.46	17.46	24.00	-6.54
Mid	5580	17.48	17.48	24.00	-6.52
High	5700	17.42	17.42	24.00	-6.58
144	5720	17.46	17.46	22.93	-5.47

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	9.768	9.768	11.00	-1.232
Mid	5580	10.067	10.067	11.00	-0.933
High	5700	9.637	9.637	11.00	-1.363
144	5720	9.750	9.750	11.00	-1.250



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/9/2023

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	21.61	-0.6	24.00	11.00
Mid	5580	20.60	-0.6	24.00	11.00
High	5700	20.40	-0.6	24.00	11.00
144	5720	15.16	-0.6	22.81	11.00

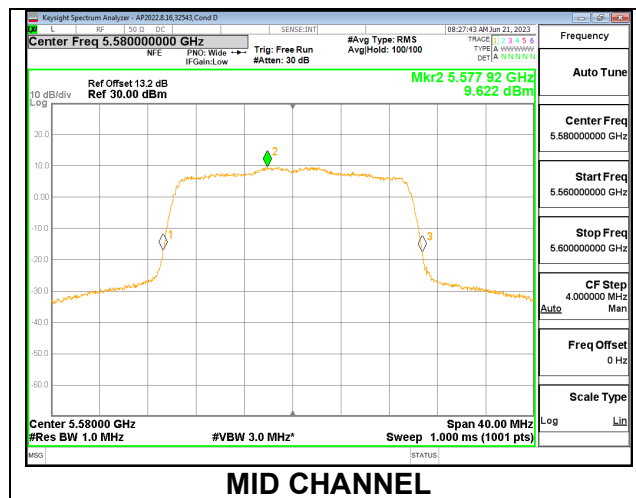
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.42	18.42	24.00	-5.58
Mid	5580	19.47	19.47	24.00	-4.53
High	5700	16.42	16.42	24.00	-7.58
144	5720	19.45	19.45	22.81	-3.36

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	5500	8.881	8.881	11.00	-2.119
Mid	5580	9.622	9.622	11.00	-1.378
High	5700	6.375	6.375	11.00	-4.625
144	5720	9.528	9.528	11.00	-1.472



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/16/2023

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	20.86	-2.8	24.00	11.00
Mid	5580	20.88	-2.8	24.00	11.00
High	5700	21.04	-2.8	24.00	11.00
144	5720	15.52	-2.8	22.91	11.00

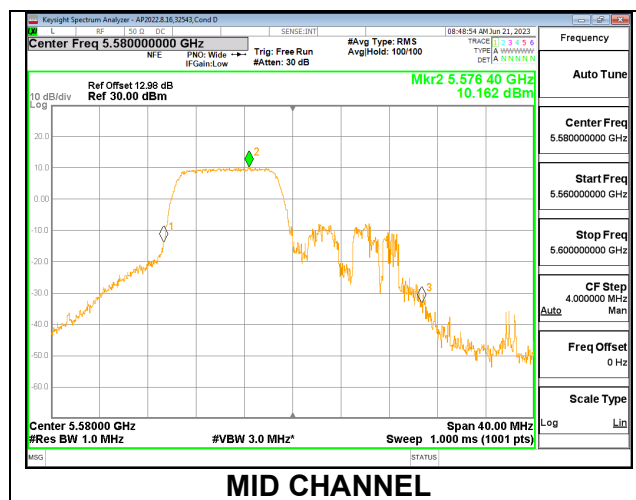
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.45	17.45	24.00	-6.55
Mid	5580	17.48	17.48	24.00	-6.52
High	5700	17.45	17.45	24.00	-6.55
144	5720	17.45	17.45	22.91	-5.46

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	9.719	9.719	11.00	-1.281
Mid	5580	10.162	10.162	11.00	-0.838
High	5700	9.717	9.717	11.00	-1.283
144	5720	9.717	9.717	11.00	-1.283



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/16/2023

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	20.84	-2.80	24.00	11.00
Mid	5580	21.25	-2.80	24.00	11.00
High	5700	21.19	-2.80	24.00	11.00
144	5720	15.51	-2.80	22.90	11.00

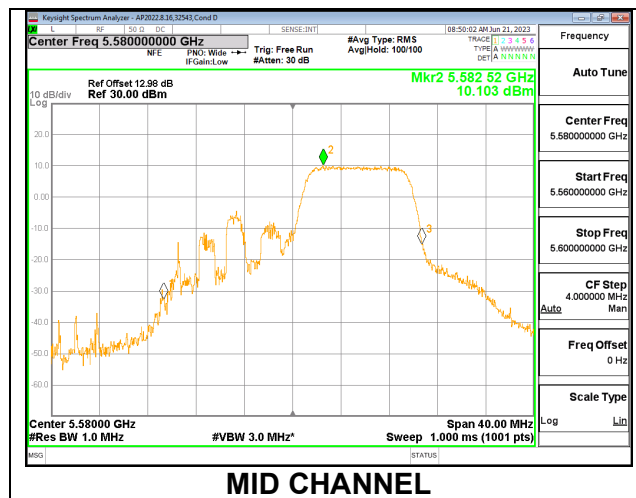
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.47	17.47	24.00	-6.53
Mid	5580	17.48	17.48	24.00	-6.52
High	5700	17.47	17.47	24.00	-6.53
144	5720	17.46	17.46	22.90	-5.44

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	9.955	9.955	11.00	-1.045
Mid	5580	10.103	10.103	11.00	-0.897
High	5700	9.821	9.821	11.00	-1.179
144	5720	9.729	9.729	11.00	-1.271



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/9/2023

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	21.12	-2.80	24.00	11.00
Mid	5580	20.52	-2.80	24.00	11.00
High	5700	20.92	-2.80	24.00	11.00
144	5720	15.08	-2.80	22.78	11.00

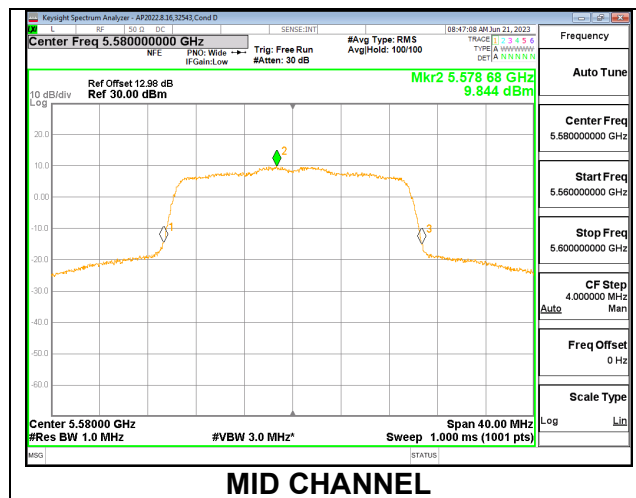
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.41	18.41	24.00	-5.59
Mid	5580	19.48	19.48	24.00	-4.52
High	5700	16.47	16.47	24.00	-7.53
144	5720	19.45	19.45	22.78	-3.33

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.776	8.776	11.00	-2.224
Mid	5580	9.844	9.844	11.00	-1.156
High	5700	6.663	6.663	11.00	-4.337
144	5720	9.610	9.610	11.00	-1.390



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/16/2023

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	19.92	-1.56	1.38	23.99	11.00
Mid	5580	20.00	-1.56	1.38	24.00	11.00
High	5700	19.89	-1.56	1.38	23.99	11.00
144	5720	15.04	-1.56	1.38	22.77	11.00

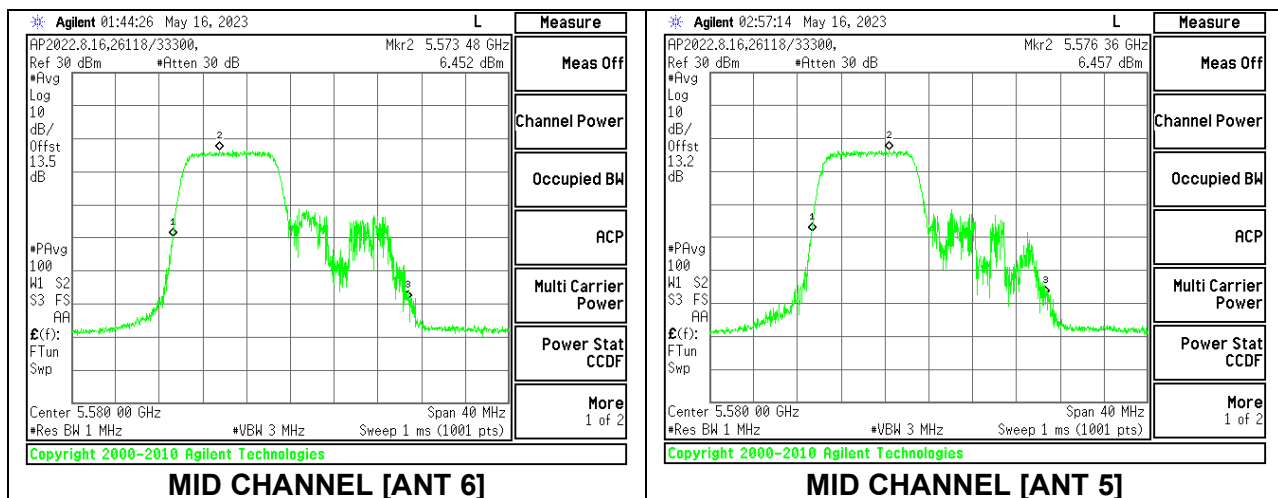
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.47	14.43	17.46	23.99	-6.53
Mid	5580	14.43	14.41	17.43	24.00	-6.57
High	5700	14.45	14.48	17.48	23.99	-6.51
144	5720	14.42	14.47	17.46	22.77	-5.32

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	6.673	6.621	9.657	11.00	-1.343
Mid	5580	6.452	6.457	9.465	11.00	-1.535
High	5700	6.667	6.516	9.602	11.00	-1.398
144	5720	6.354	6.627	9.503	11.00	-1.497



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/16/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.04	-1.56	1.38	24.00	11.00
Mid	5580	20.28	-1.56	1.38	24.00	11.00
High	5700	20.17	-1.56	1.38	24.00	11.00
144	5720	15.07	-1.56	1.38	22.78	11.00

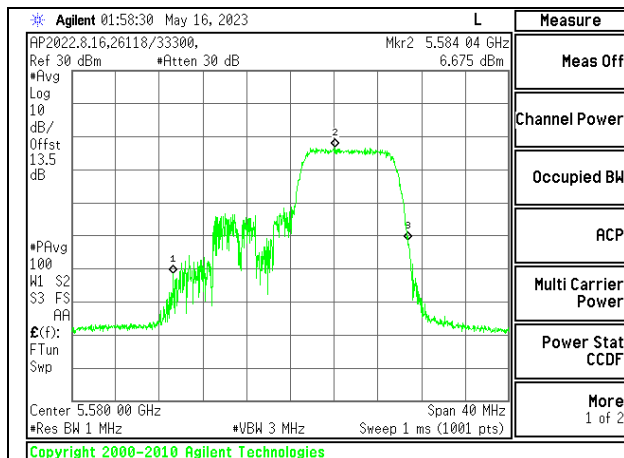
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

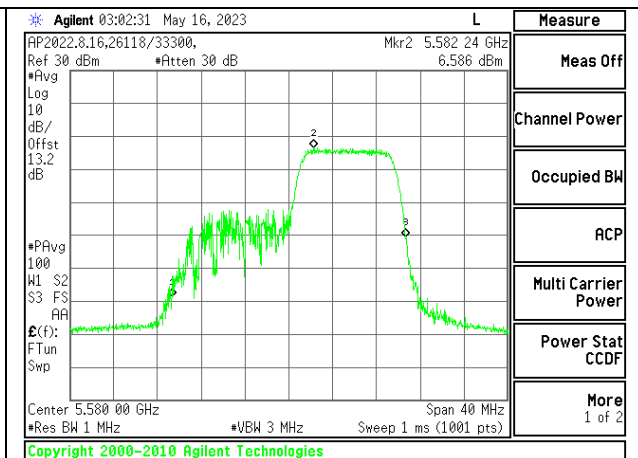
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.40	14.46	17.44	24.00	-6.56
Mid	5580	14.42	14.46	17.45	24.00	-6.55
High	5700	14.46	14.45	17.47	24.00	-6.53
144	5720	14.47	14.48	17.49	22.78	-5.30

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	6.476	6.562	9.530	11.00	-1.470
Mid	5580	6.675	6.586	9.641	11.00	-1.359
High	5700	6.588	6.861	9.737	11.00	-1.263
144	5720	6.503	6.769	9.648	11.00	-1.352



MID CHANNEL [ANT 6]



MID CHANNEL [ANT 5]

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

Test Engineer:	26118
Test Date:	5/9/2023

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	21.27	-1.56	1.38	24.00	11.00
Mid	5580	20.15	-1.56	1.38	24.00	11.00
High	5700	20.91	-1.56	1.38	24.00	11.00
144	5720	15.20	-1.56	1.38	22.82	11.00

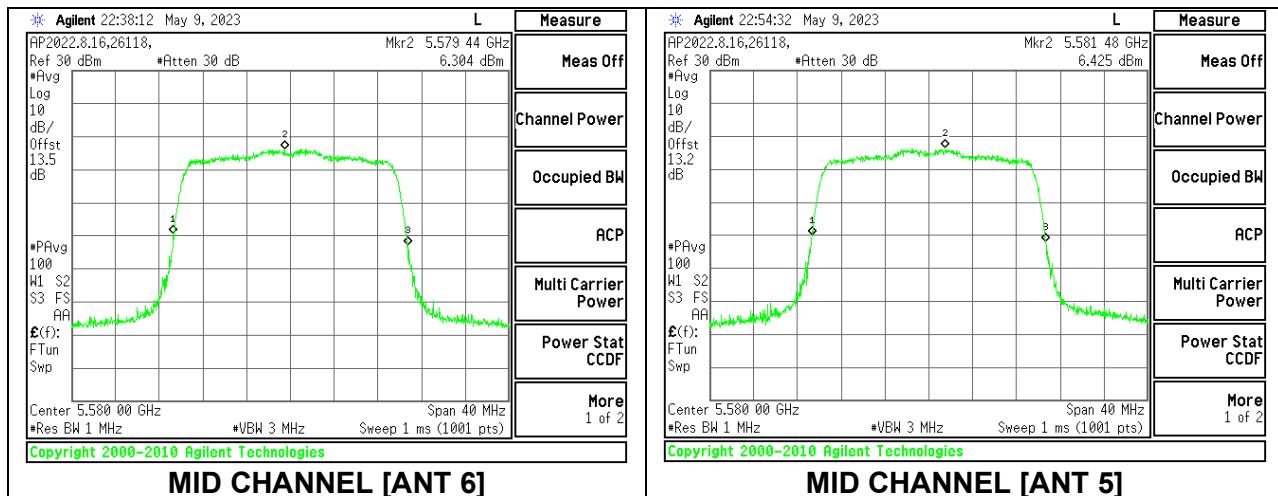
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.40	16.40	19.41	24.00	-4.59
Mid	5580	16.45	16.43	19.45	24.00	-4.55
High	5700	16.47	16.44	19.47	24.00	-4.53
144	5720	16.45	16.44	19.46	22.82	-3.36

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	5500	6.557	6.437	9.508	11.00	-1.492
Mid	5580	6.304	6.425	9.375	11.00	-1.625
High	5700	6.220	6.108	9.175	11.00	-1.825
144	5720	6.136	6.385	9.273	11.00	-1.727



9.4.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/17/2023

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	24.73	-0.6	24.00	11.00
Mid	5550	24.29	-0.6	24.00	11.00
High	5670	23.91	-0.6	24.00	11.00
142	5710	23.77	-0.6	24.00	11.00

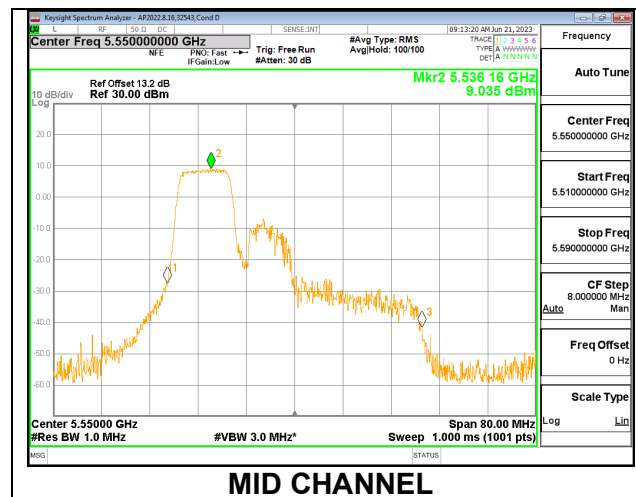
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.92	15.92	24.00	-8.08
Mid	5550	16.43	16.43	24.00	-7.57
High	5670	16.43	16.43	24.00	-7.57
142	5710	16.42	16.42	24.00	-7.58

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.713	7.713	11.00	-3.287
Mid	5550	9.035	9.035	11.00	-1.965
High	5670	9.137	9.137	11.00	-1.863
142	5710	8.919	8.919	11.00	-2.081



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/17/2023

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	27.69	-0.6	24.00	11.00
Mid	5550	27.21	-0.6	24.00	11.00
High	5670	29.91	-0.6	24.00	11.00
142	5710	27.75	-0.6	24.00	11.00

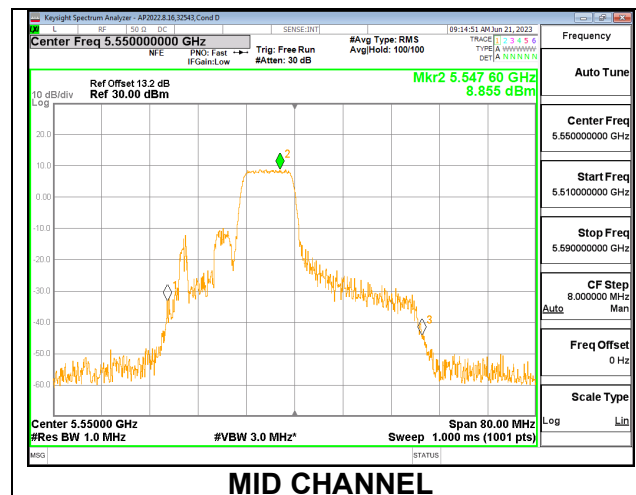
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.92	15.92	24.00	-8.08
Mid	5550	16.43	16.43	24.00	-7.57
High	5670	16.47	16.47	24.00	-7.53
142	5710	16.43	16.43	24.00	-7.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.884	7.884	11.00	-3.116
Mid	5550	8.855	8.855	11.00	-2.145
High	5670	9.252	9.252	11.00	-1.748
142	5710	8.802	8.802	11.00	-2.198



1TX Antenna 6 MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/17/2023

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	25.10	-0.6	24.00	11.00
Mid	5550	25.37	-0.6	24.00	11.00
High	5670	25.34	-0.6	24.00	11.00
142	5710	25.47	-0.6	24.00	11.00

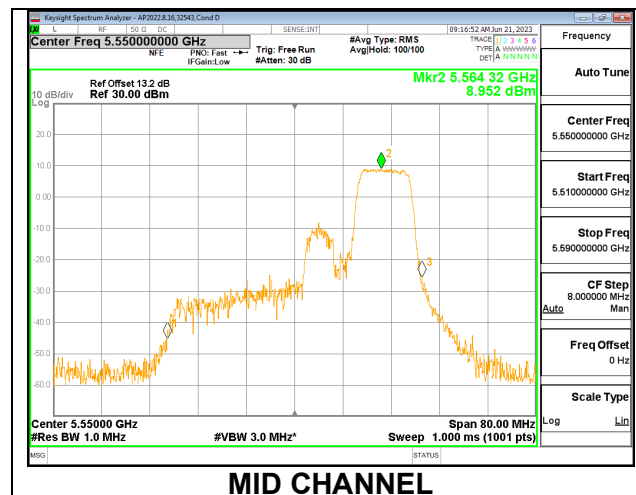
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.93	15.93	24.00	-8.07
Mid	5550	16.48	16.48	24.00	-7.52
High	5670	16.47	16.47	24.00	-7.53
142	5710	16.47	16.47	24.00	-7.53

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	8.066	8.066	11.00	-2.934
Mid	5550	8.952	8.952	11.00	-2.048
High	5670	8.787	8.787	11.00	-2.213
142	5710	8.834	8.834	11.00	-2.166



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/9/2023

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	42.29	-0.6	24.00	11.00
Mid	5550	40.29	-0.6	24.00	11.00
High	5670	41.25	-0.6	24.00	11.00
142	5710	40.40	-0.6	24.00	11.00

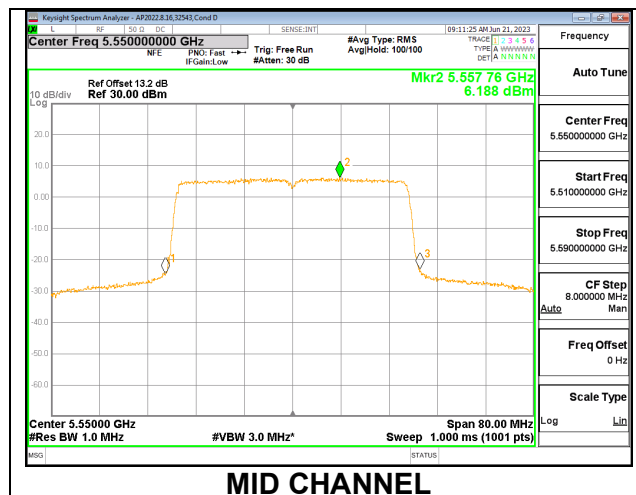
Duty Cycle CF (dB)	0.13	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.97	15.97	24.00	-8.03
Mid	5550	19.98	19.98	24.00	-4.02
High	5670	18.98	18.98	24.00	-5.02
142	5710	19.96	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	1.583	1.713	11.00	-9.287
Mid	5550	6.188	6.318	11.00	-4.682
High	5670	4.650	4.780	11.00	-6.220
142	5710	5.997	6.127	11.00	-4.873



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/17/2023

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	24.35	-2.8	24.00	11.00
Mid	5550	23.97	-2.8	24.00	11.00
High	5670	26.15	-2.8	24.00	11.00
142	5710	24.53	-2.8	24.00	11.00

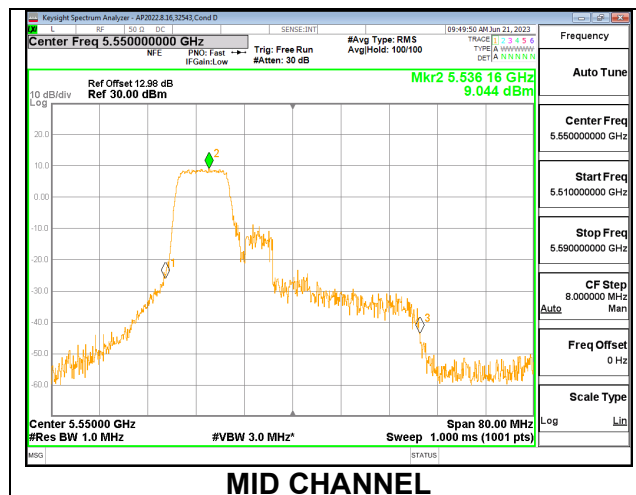
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.93	15.93	24.00	-8.07
Mid	5550	16.46	16.46	24.00	-7.54
High	5670	16.47	16.47	24.00	-7.53
142	5710	16.46	16.46	24.00	-7.54

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.802	7.802	11.00	-3.198
Mid	5550	9.044	9.044	11.00	-1.956
High	5670	9.143	9.143	11.00	-1.857
142	5710	8.905	8.905	11.00	-2.095



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/17/2023

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	29.03	-2.8	24.00	11.00
Mid	5550	29.05	-2.8	24.00	11.00
High	5670	28.84	-2.8	24.00	11.00
142	5710	28.32	-2.8	24.00	11.00

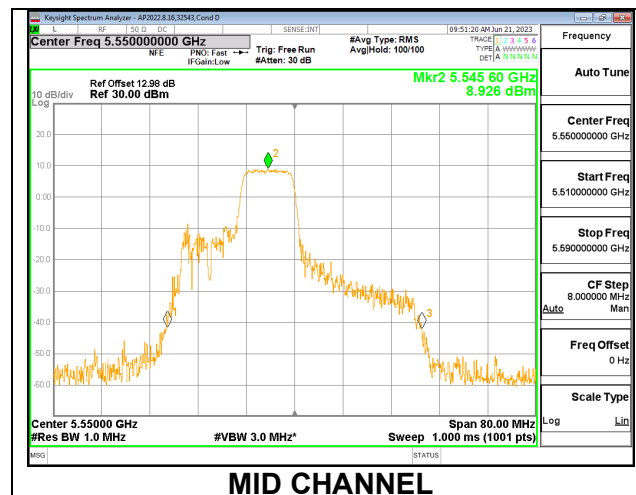
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.86	15.86	24.00	-8.14
Mid	5550	16.42	16.42	24.00	-7.58
High	5670	16.43	16.43	24.00	-7.57
142	5710	16.42	16.42	24.00	-7.58

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.673	7.673	11.00	-3.327
Mid	5550	8.926	8.926	11.00	-2.074
High	5670	9.026	9.026	11.00	-1.974
142	5710	8.903	8.903	11.00	-2.097



1TX Antenna 5 MODE (FCC) – 106 Tones, RU Index 56

Test Engineer:	26118
Test Date:	5/17/2023

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	25.10	-2.80	24.00	11.00
Mid	5550	25.37	-2.80	24.00	11.00
High	5670	25.34	-2.80	24.00	11.00
142	5710	25.47	-2.80	24.00	11.00

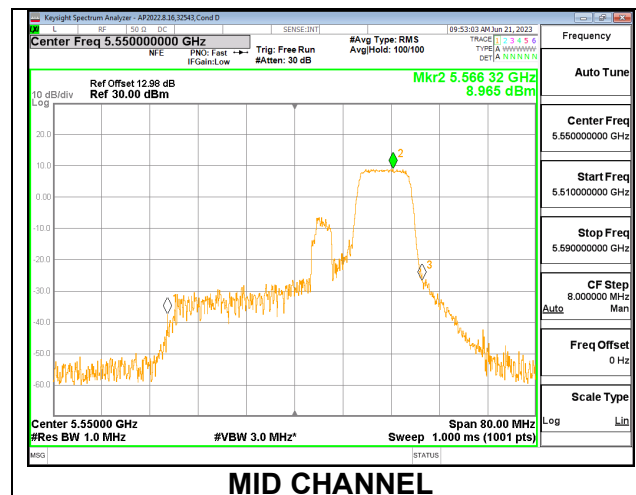
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.97	15.97	24.00	-8.03
Mid	5550	16.47	16.47	24.00	-7.53
High	5670	16.48	16.48	24.00	-7.52
142	5710	16.47	16.47	24.00	-7.53

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.720	7.720	11.00	-3.280
Mid	5550	8.965	8.965	11.00	-2.035
High	5670	8.851	8.851	11.00	-2.149
142	5710	8.802	8.802	11.00	-2.198



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.54	-2.80	24.00	11.00
Mid	5550	40.26	-2.80	24.00	11.00
High	5670	41.49	-2.80	24.00	11.00
142	5710	40.23	-2.80	24.00	11.00

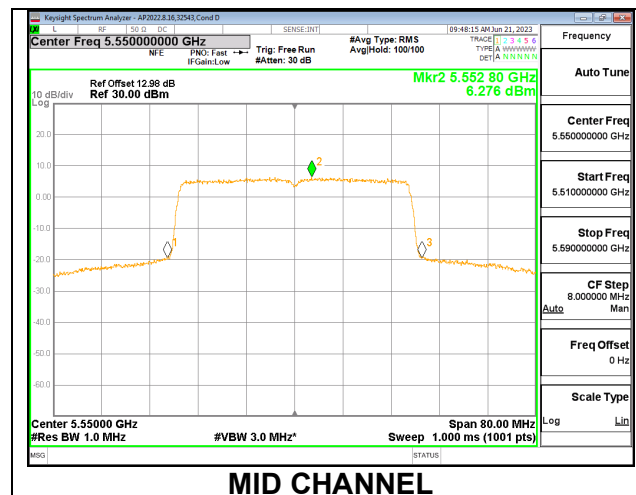
Duty Cycle CF (dB)	0.13	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.94	15.94	24.00	-8.06
Mid	5550	19.94	19.94	24.00	-4.06
High	5670	18.91	18.91	24.00	-5.09
142	5710	19.92	19.92	24.00	-4.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	1.609	1.739	11.00	-9.261
Mid	5550	6.276	6.406	11.00	-4.594
High	5670	4.785	4.915	11.00	-6.085
142	5710	6.139	6.269	11.00	-4.731



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 53

Test Engineer:	26118
Test Date:	5/17/2023

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	20.91	-1.56	1.38	24.00	11.00
Mid	5550	21.49	-1.56	1.38	24.00	11.00
High	5670	22.73	-1.56	1.38	24.00	11.00
142	5710	21.77	-1.56	1.38	24.00	11.00

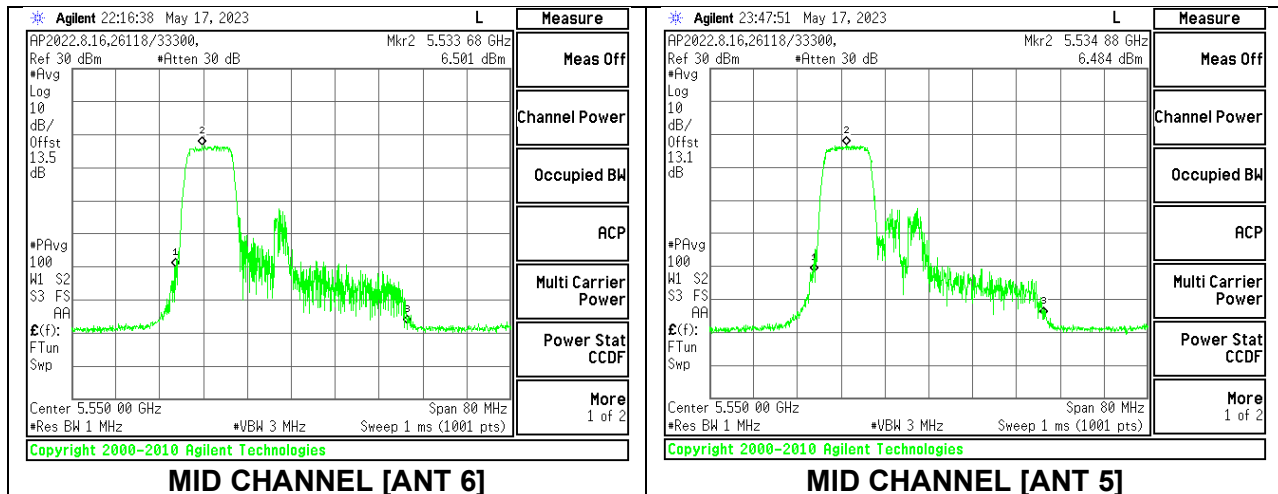
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.44	14.43	17.45	24.00	-6.55
Mid	5550	14.45	14.48	17.48	24.00	-6.52
High	5670	14.42	14.45	17.45	24.00	-6.55
142	5710	14.41	14.46	17.45	24.00	-6.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	6.394	6.580	9.498	11.00	-1.50
Mid	5550	6.501	6.484	9.503	11.00	-1.50
High	5670	6.600	6.415	9.519	11.00	-1.48
142	5710	6.249	6.269	9.269	11.00	-1.73



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 106 Tones, RU Index 54

Test Engineer:	26118
Test Date:	5/17/2023

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	29.35	-1.56	1.38	24.00	11.00
Mid	5550	25.74	-1.56	1.38	24.00	11.00
High	5670	26.88	-1.56	1.38	24.00	11.00
142	5710	25.60	-1.56	1.38	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.37	14.42	17.41	24.00	-6.59
Mid	5550	14.41	14.44	17.44	24.00	-6.56
High	5670	14.43	14.42	17.44	24.00	-6.56
142	5710	14.47	14.44	17.47	24.00	-6.53

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	6.463	6.453	9.468	11.00	-1.53
Mid	5550	6.571	6.338	9.466	11.00	-1.53
High	5670	6.269	6.404	9.347	11.00	-1.65
142	5710	6.768	6.533	9.662	11.00	-1.34

