

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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.30	24.00	11.00
Mid	5200	-3.30	24.00	11.00
High	5240	-3.30	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.89	11.89	24.00	-12.11
Mid	5200	11.77	11.77	24.00	-12.23
High	5240	11.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.155	7.155	11.00	-3.845
Mid	5200	6.874	6.874	11.00	-4.126
High	5240	7.052	7.052	11.00	-3.948



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.30	24.00	11.00
Mid	5200	-3.30	24.00	11.00
High	5240	-3.30	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.88	11.88	24.00	-12.12
Mid	5200	11.80	11.80	24.00	-12.20
High	5240	11.82	11.82	24.00	-12.18

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	8.066	8.066	11.00	-2.934
Mid	5200	7.931	7.931	11.00	-3.069
High	5240	7.947	7.947	11.00	-3.053



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.30	24.00	11.00
Mid	5200	-3.30	24.00	11.00
High	5240	-3.30	24.00	11.00

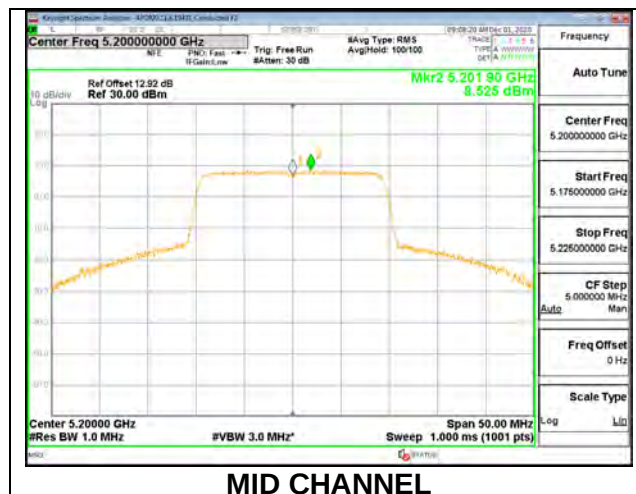
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	17.91	17.91	24.00	-6.09
Mid	5200	19.90	19.90	24.00	-4.10
High	5240	19.88	19.88	24.00	-4.12

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.568	6.568	11.00	-4.432
Mid	5200	8.525	8.525	11.00	-2.475
High	5240	8.325	8.325	11.00	-2.675



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.25	-0.24	24.00	11.00
Mid	5200	-3.25	-0.24	24.00	11.00
High	5240	-3.25	-0.24	24.00	11.00

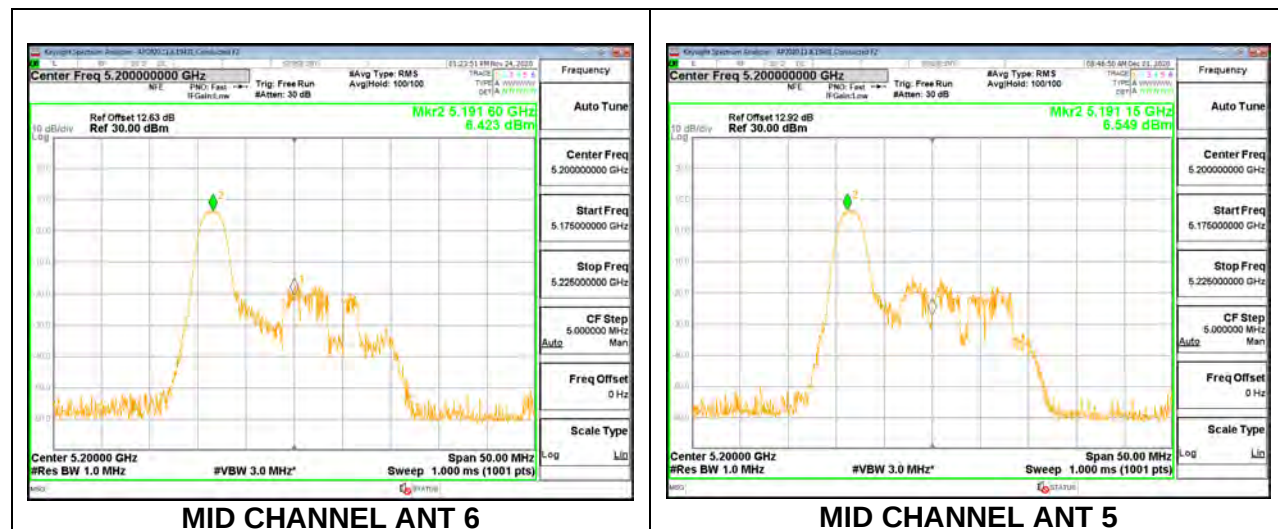
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.84	8.80	11.83	24.00	-12.17
Mid	5200	8.81	8.85	11.84	24.00	-12.16
High	5240	8.81	8.77	11.80	24.00	-12.20

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	6.513	6.418	9.476	11.00	-1.524
Mid	5200	6.423	6.549	9.497	11.00	-1.503
High	5240	6.429	6.390	9.420	11.00	-1.580



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.25	-0.24	24.00	11.00
Mid	5200	-3.25	-0.24	24.00	11.00
High	5240	-3.25	-0.24	24.00	11.00

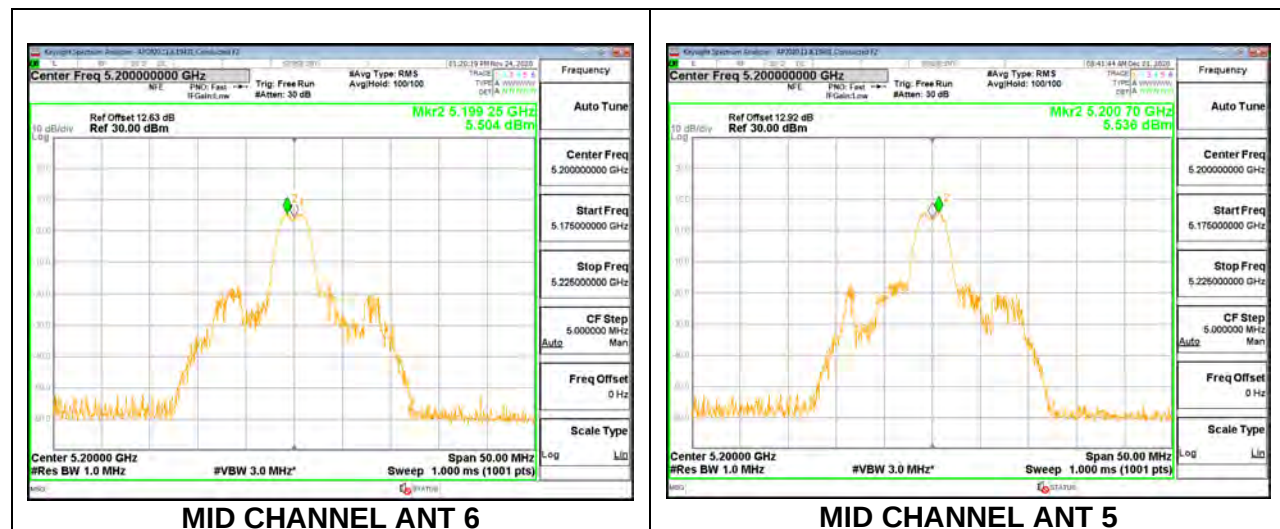
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.86	8.92	11.90	24.00	-12.10
Mid	5200	8.84	8.85	11.86	24.00	-12.14
High	5240	8.85	8.88	11.88	24.00	-12.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	5.585	5.666	8.636	11.00	-2.364
Mid	5200	5.504	5.536	8.530	11.00	-2.470
High	5240	5.506	5.549	8.538	11.00	-2.462



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.25	-0.24	24.00	11.00
Mid	5200	-3.25	-0.24	24.00	11.00
High	5240	-3.25	-0.24	24.00	11.00

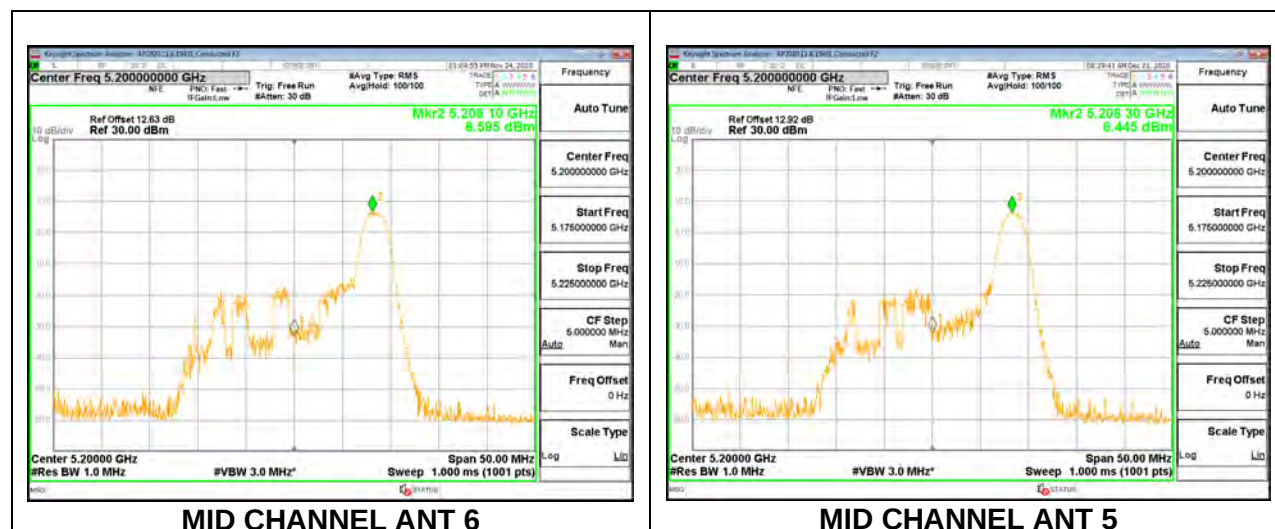
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.75	8.80	11.79	24.00	-12.21
Mid	5200	8.90	8.82	11.87	24.00	-12.13
High	5240	8.77	8.83	11.81	24.00	-12.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.368	6.515	9.452	11.00	-1.548
Mid	5200	6.595	6.445	9.531	11.00	-1.469
High	5240	6.373	6.418	9.406	11.00	-1.594



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-3.25	-0.24	24.00	11.00
Mid	5200	-3.25	-0.24	24.00	11.00
High	5240	-3.25	-0.24	24.00	11.00

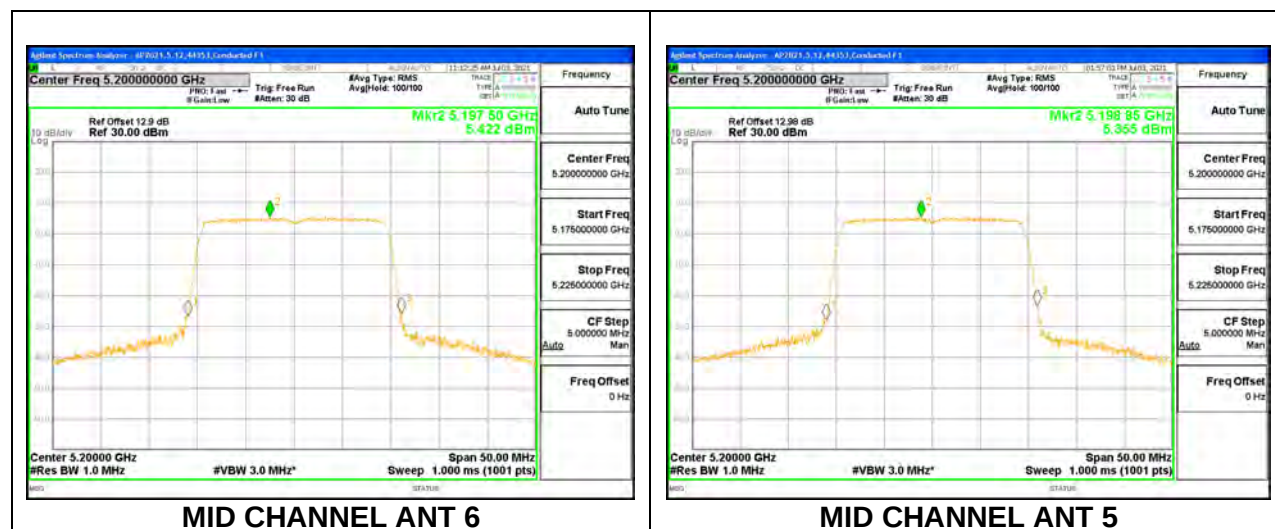
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.88	16.89	19.90	24.00	-4.10
Mid	5200	16.84	16.78	19.82	24.00	-4.18
High	5240	16.80	16.81	19.82	24.00	-4.18

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	5.433	5.549	8.502	11.00	-2.498
Mid	5200	5.422	5.355	8.399	11.00	-2.601
High	5240	5.459	5.416	8.448	11.00	-2.552



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:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.20	24.00	11.00
High	5230	-3.20	24.00	11.00

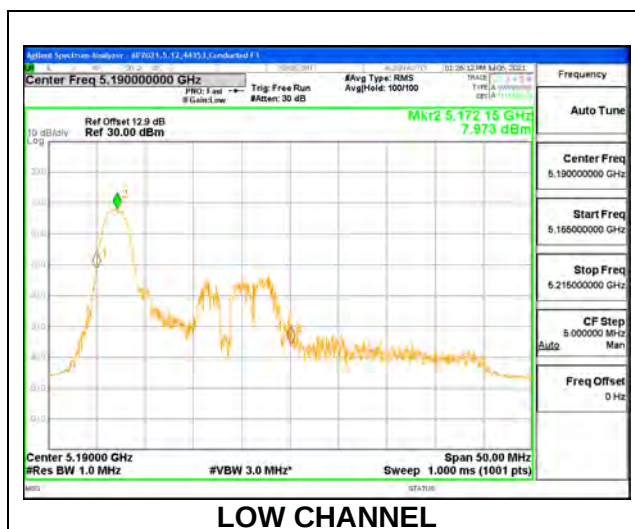
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.88	10.88	24.00	-13.12
High	5230	10.82	10.82	24.00	-13.18

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	5190	7.973	7.973	11.00	-3.027
High	5230	7.899	7.899	11.00	-3.101



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.20	24.00	11.00
High	5230	-3.20	24.00	11.00

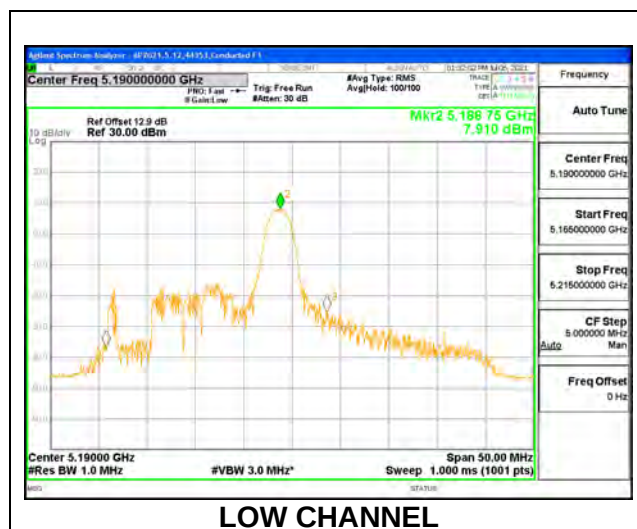
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.81	10.81	24.00	-13.19
High	5230	10.85	10.85	24.00	-13.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.910	7.910	11.00	-3.090
High	5230	7.922	7.922	11.00	-3.078



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.20	24.00	11.00
High	5230	-3.20	24.00	11.00

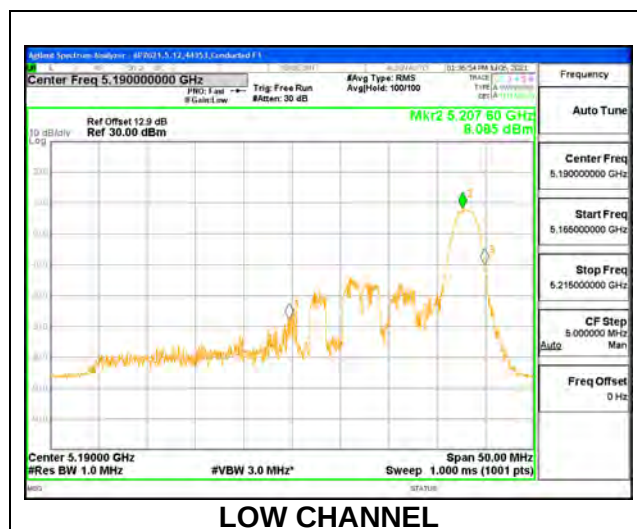
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.88	10.88	24.00	-13.12
High	5230	10.84	10.84	24.00	-13.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	8.085	8.085	11.00	-2.915
High	5230	8.057	8.057	11.00	-2.943



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.20	24.00	11.00
High	5230	-3.20	24.00	11.00

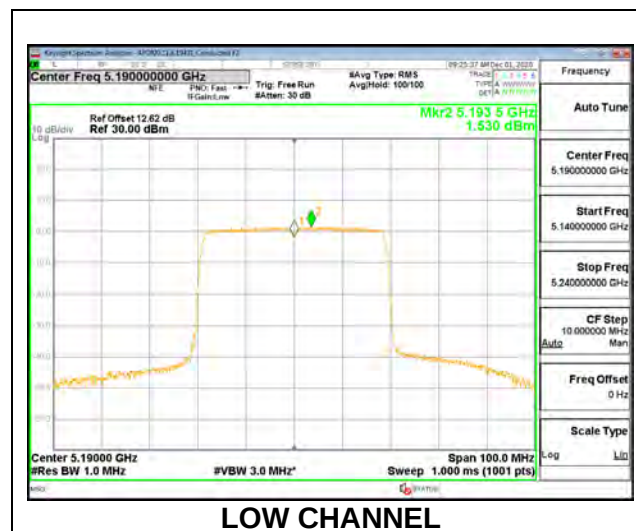
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.76	15.76	24.00	-8.24
High	5230	20.46	20.46	24.00	-3.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	1.530	1.530	11.00	-9.470
High	5230	5.874	5.874	11.00	-5.126



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.30	24.00	11.00
High	5230	-3.30	24.00	11.00

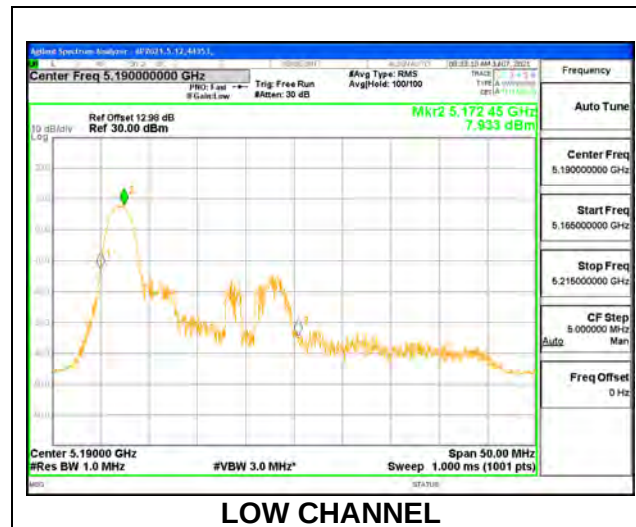
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.83	10.83	24.00	-13.17
High	5230	10.89	10.89	24.00	-13.11

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.933	7.933	11.00	-3.067
High	5230	8.022	8.022	11.00	-2.978



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.30	24.00	11.00
High	5230	-3.30	24.00	11.00

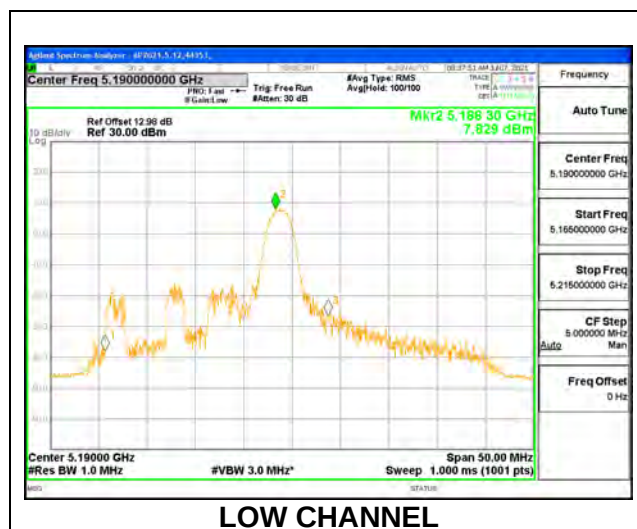
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.80	10.80	24.00	-13.20
High	5230	10.87	10.87	24.00	-13.13

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	7.990	7.990	11.00	-3.010



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.30	24.00	11.00
High	5230	-3.30	24.00	11.00

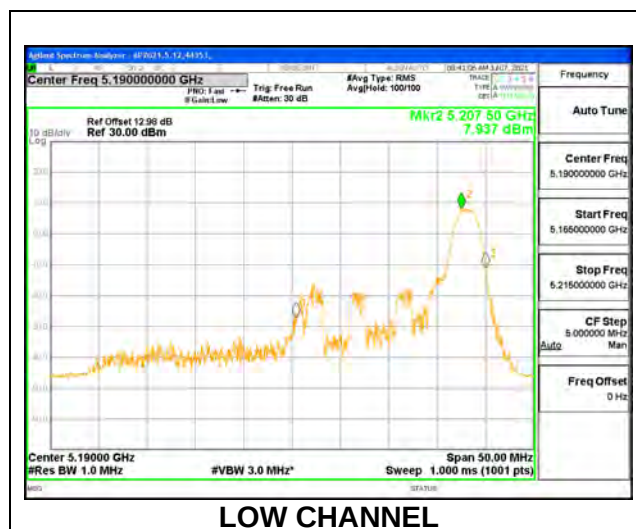
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	10.86	10.86	24.00	-13.14
High	5230	10.85	10.85	24.00	-13.15

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.937	7.937	11.00	-3.063
High	5230	7.959	7.959	11.00	-3.041



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

Test Engineer:	44353
Test Date:	7/9/2021

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.30	24.00	11.00
High	5230	-3.30	24.00	11.00

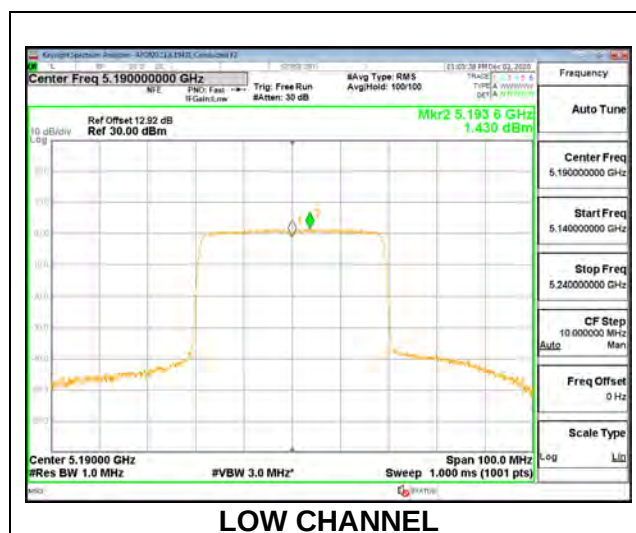
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.75	15.75	24.00	-8.25
High	5230	20.24	20.24	24.00	-3.76

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	1.430	1.430	11.00	-9.570
High	5230	5.458	5.458	11.00	-5.542



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.25	-0.24	24.00	11.00
High	5230	-3.25	-0.24	24.00	11.00

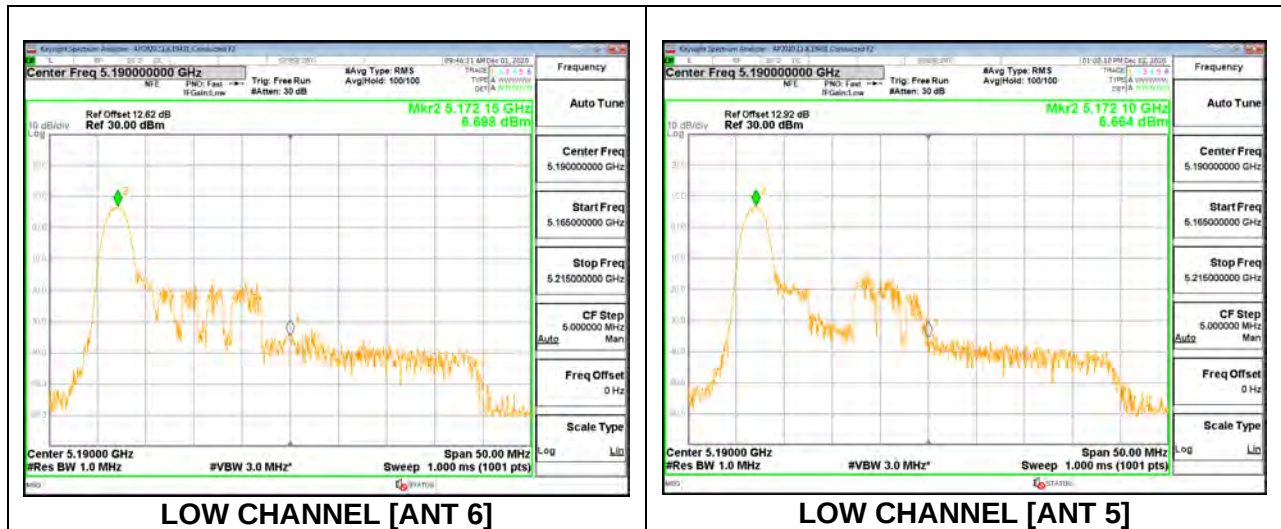
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.84	8.78	11.82	24.00	-12.18
High	5230	8.89	8.91	11.91	24.00	-12.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.698	6.664	9.691	11.00	-1.309
High	5230	6.707	6.715	9.721	11.00	-1.279



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.25	-0.24	24.00	11.00
High	5230	-3.25	-0.24	24.00	11.00

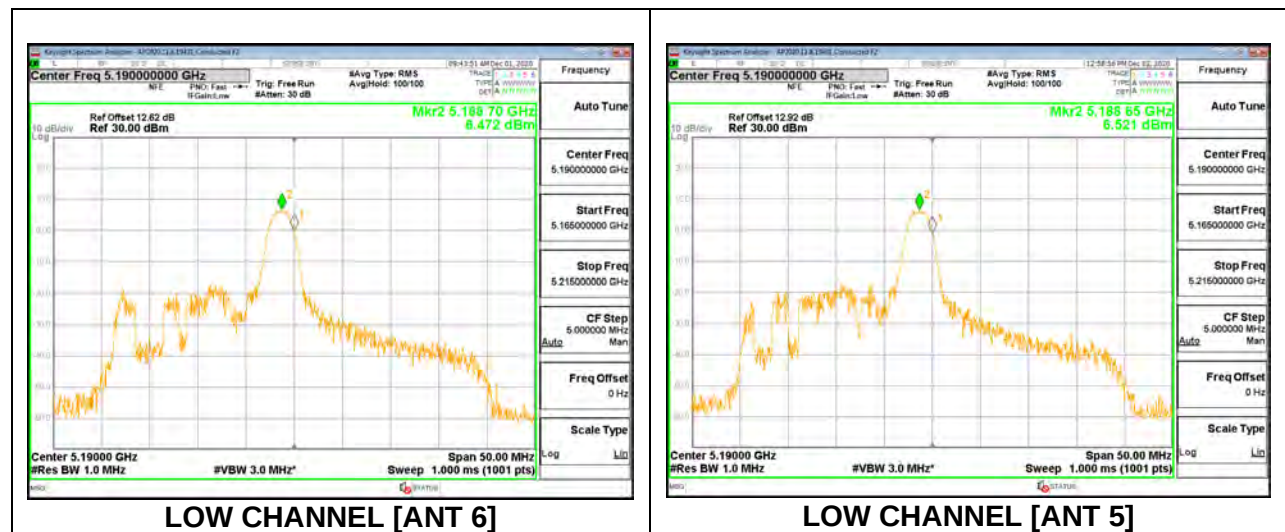
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.87	8.91	11.90	24.00	-12.10
High	5230	8.84	8.82	11.84	24.00	-12.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.472	6.521	9.507	11.00	-1.493
High	5230	6.425	6.421	9.433	11.00	-1.567



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.25	-0.24	24.00	11.00
High	5230	-3.25	-0.24	24.00	11.00

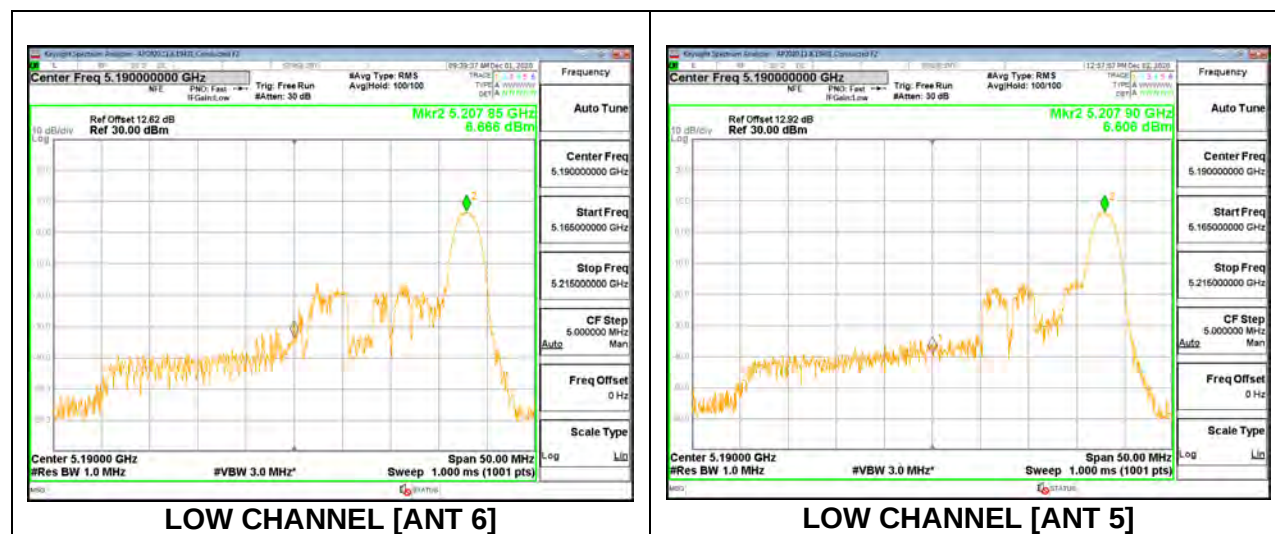
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.90	8.88	11.90	24.00	-12.10
High	5230	8.93	8.82	11.89	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	6.666	6.606	9.646	11.00	-1.354
High	5230	6.743	6.528	9.647	11.00	-1.353



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-3.25	-0.24	24.00	11.00
High	5230	-3.25	-0.24	24.00	11.00

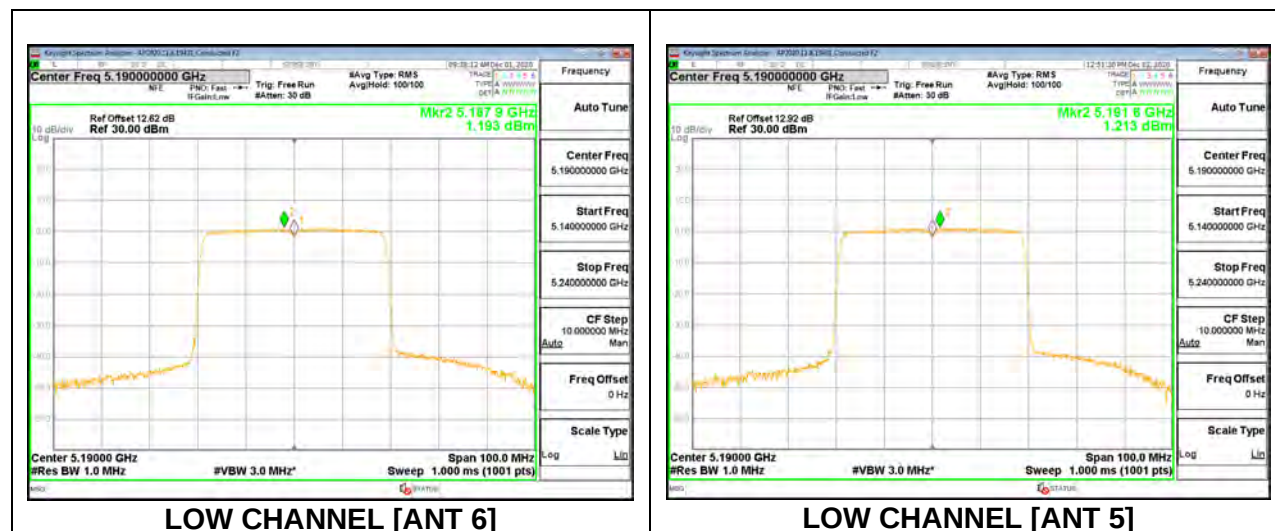
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.29	15.31	18.31	24.00	-5.69
High	5230	19.30	19.28	22.30	24.00	-1.70

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	1.193	1.213	4.213	11.00	-6.787
High	5230	5.092	5.040	8.076	11.00	-2.924



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:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.20	24.00	11.00

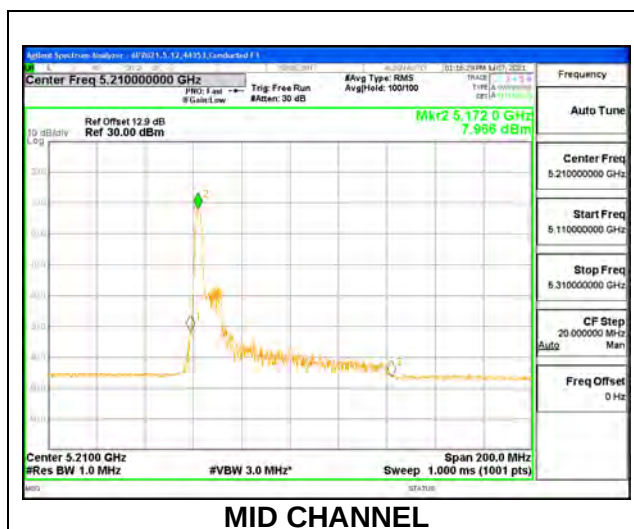
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.966	7.966	11.00	-3.034



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.20	24.00	11.00

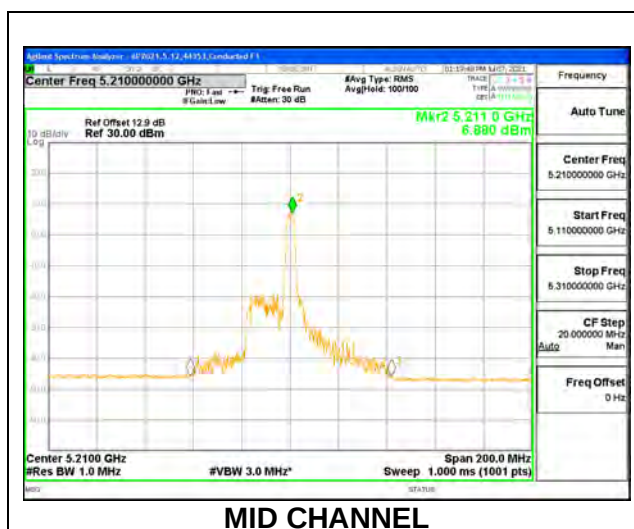
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.78	11.78	24.00	-12.22

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.880	6.880	11.00	-4.120



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.20	24.00	11.00

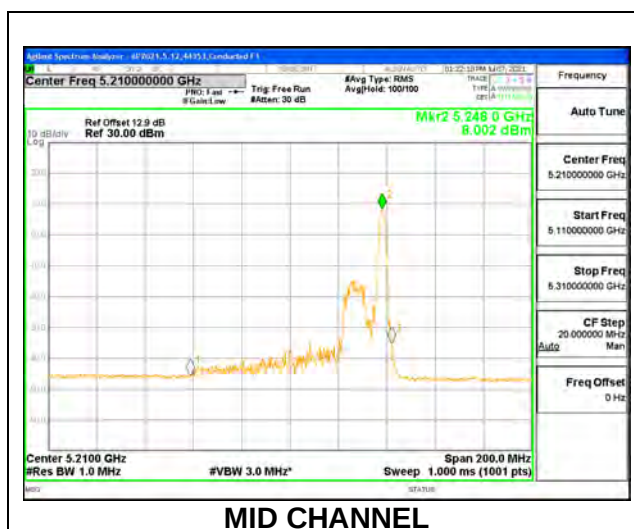
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.86	11.86	24.00	-12.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	8.002	8.002	11.00	-2.998



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.20	24.00	11.00

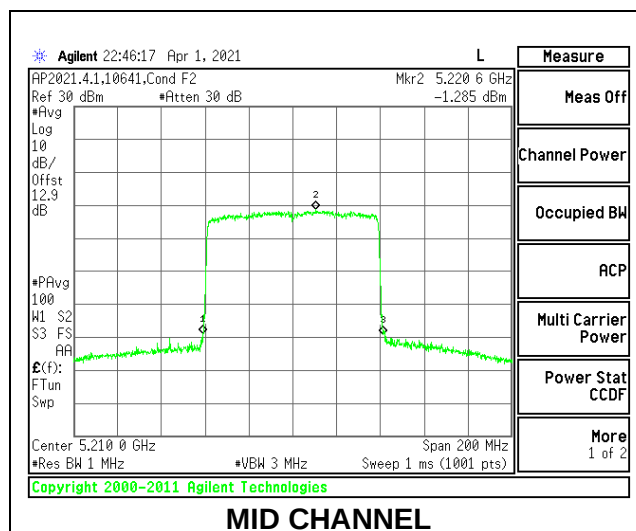
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.29	16.29	24.00	-7.71

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	-1.285	-1.285	11.00	-12.285



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.30	24.00	11.00

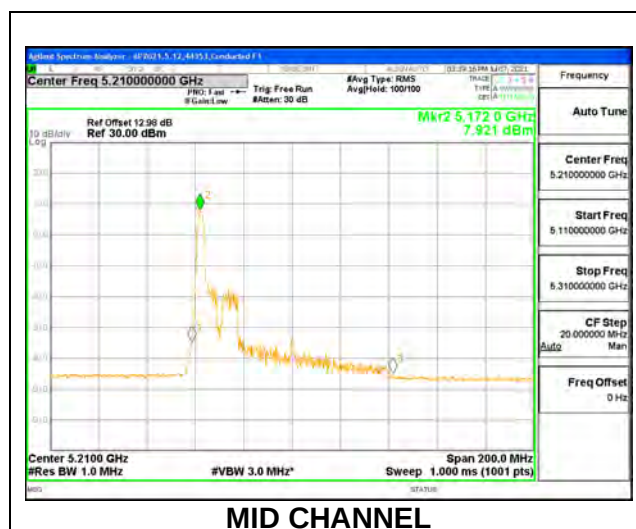
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.921	7.921	11.00	-3.079



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.30	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.81	11.81	24.00	-12.19

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	7.077	7.077	11.00	-3.923



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.30	24.00	11.00

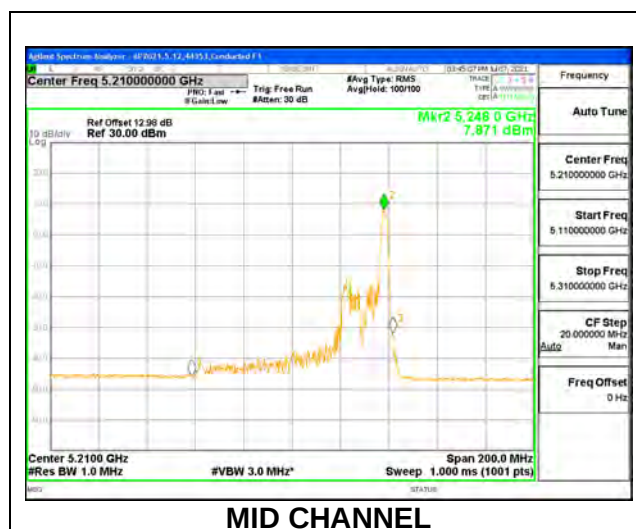
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.77	11.77	24.00	-12.23

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.871	7.871	11.00	-3.129



1TX Antenna 5 MODE (FCC) MOBILE – 996 Tones, RU Index 67

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-3.30	24.00	11.00

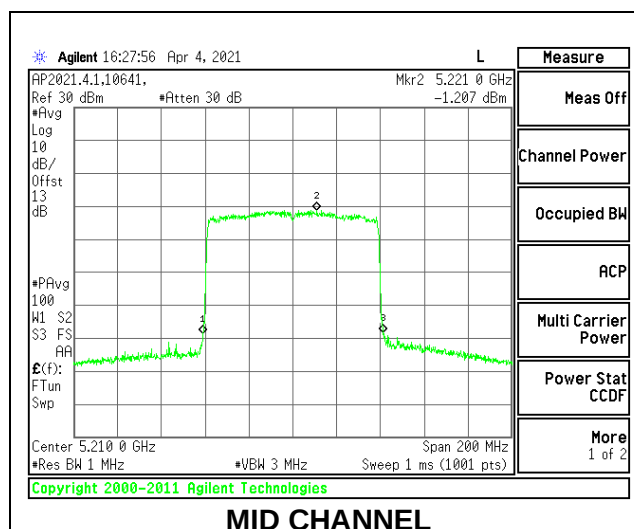
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.28	16.28	24.00	-7.72

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	-1.207	-1.207	11.00	-12.207



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-3.25	-0.24	24.00	11.00

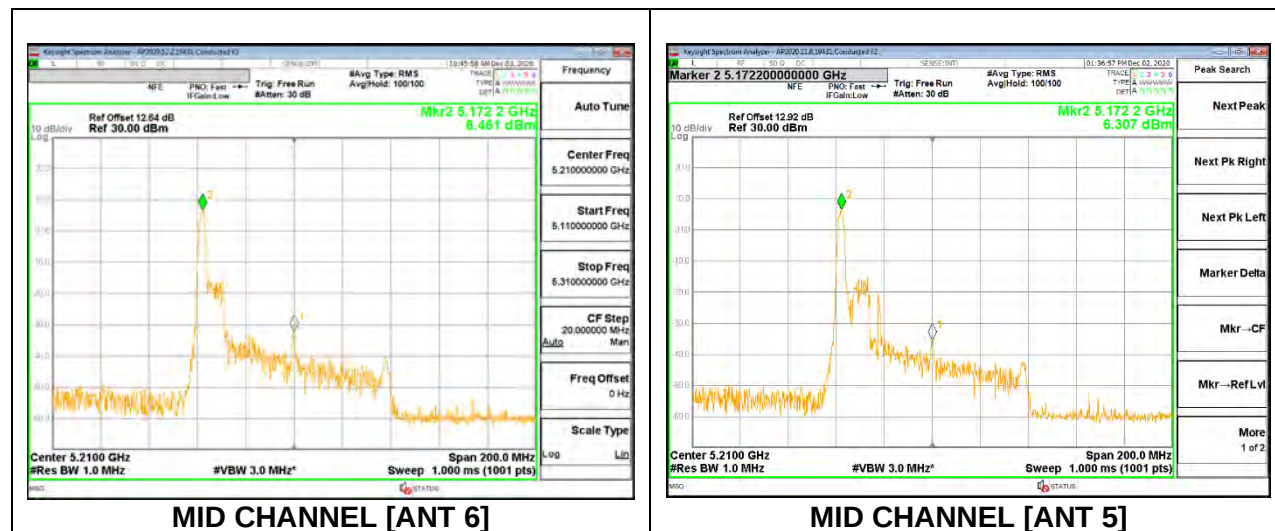
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.81	8.78	11.81	24.00	-12.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.461	6.307	9.395	11.00	-1.605



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-3.25	-0.24	24.00	11.00

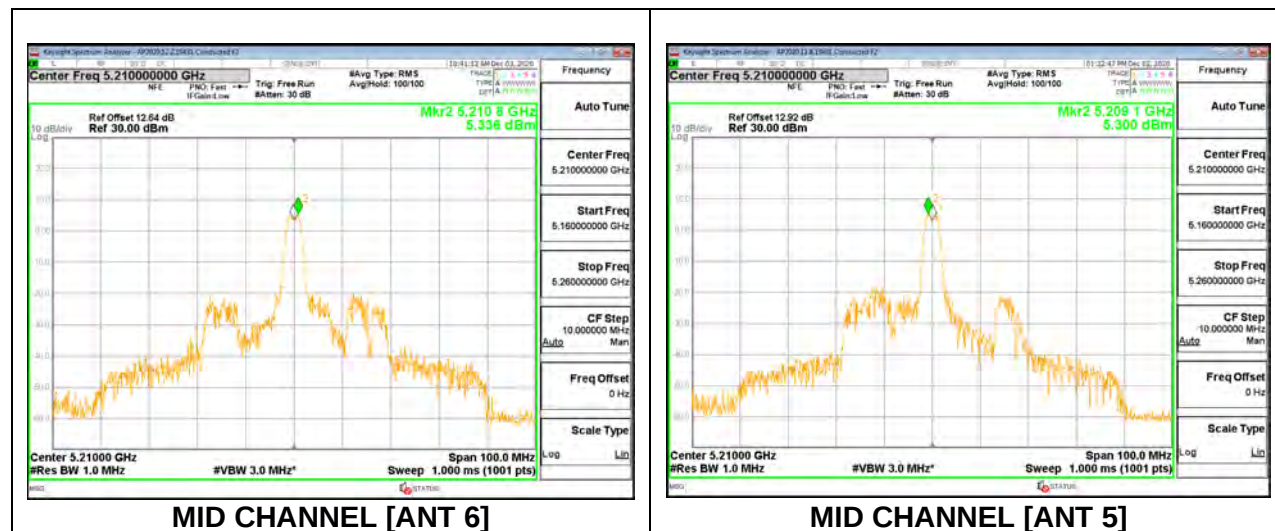
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.80	8.81	11.82	24.00	-12.18

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	5.336	5.300	8.328	11.00	-2.672



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-3.25	-0.24	24.00	11.00

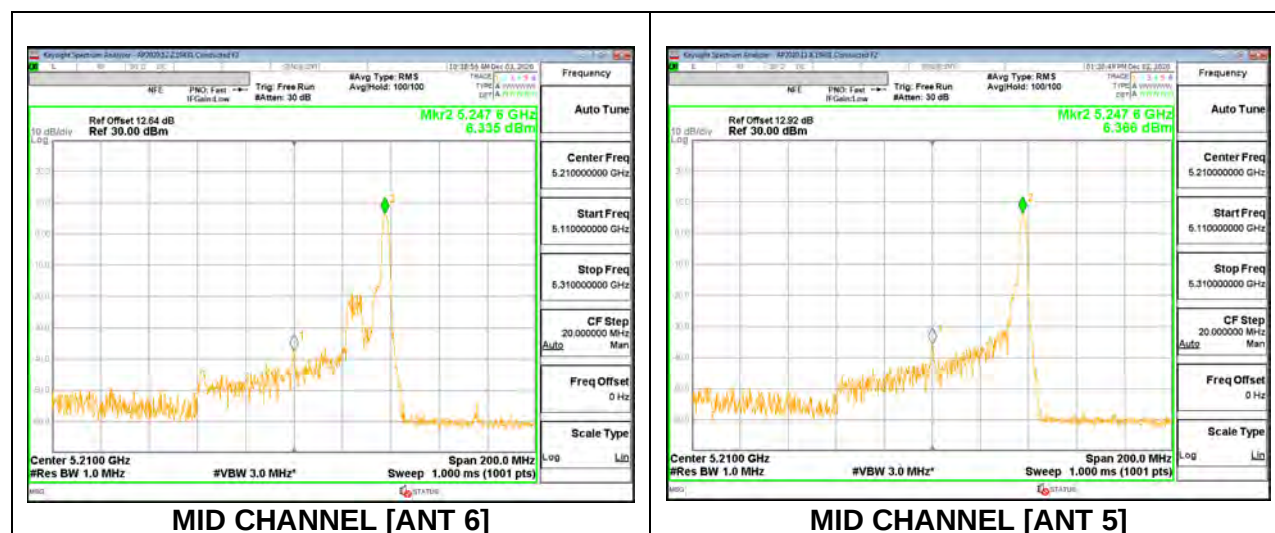
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.83	8.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.335	6.366	9.361	11.00	-1.639



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-3.25	-0.24	24.00	11.00

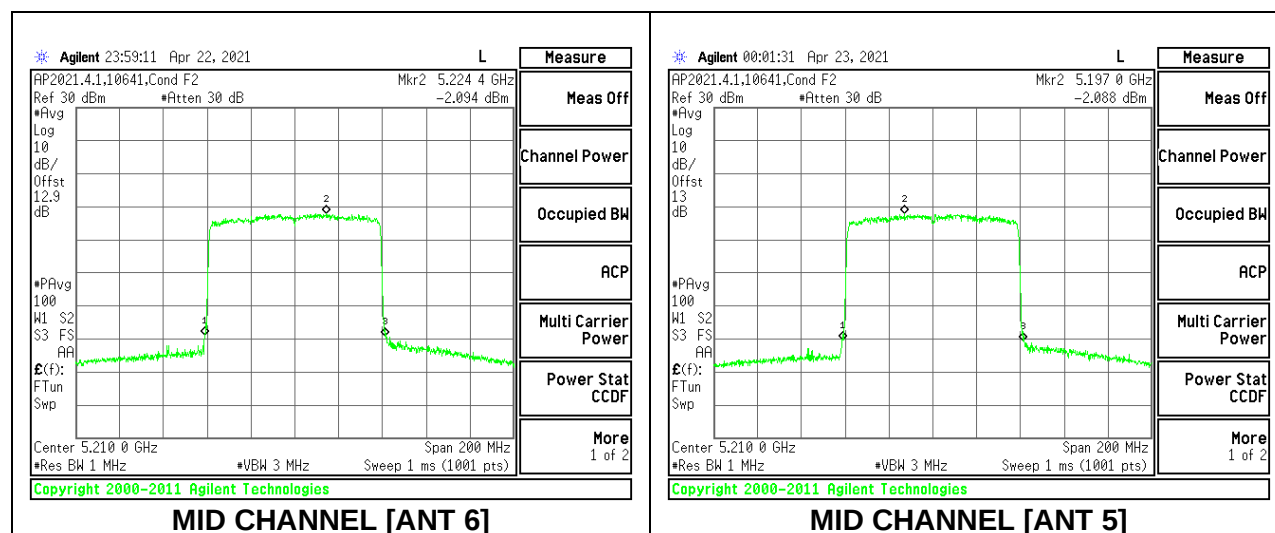
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.34	15.36	18.36	24.00	-5.64

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-2.094	-2.088	0.919	11.00	-10.081



9.4.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

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	22.00	-2.80	24.00	11.00
Mid	5300	22.00	-2.80	24.00	11.00
High	5320	21.85	-2.80	24.00	11.00

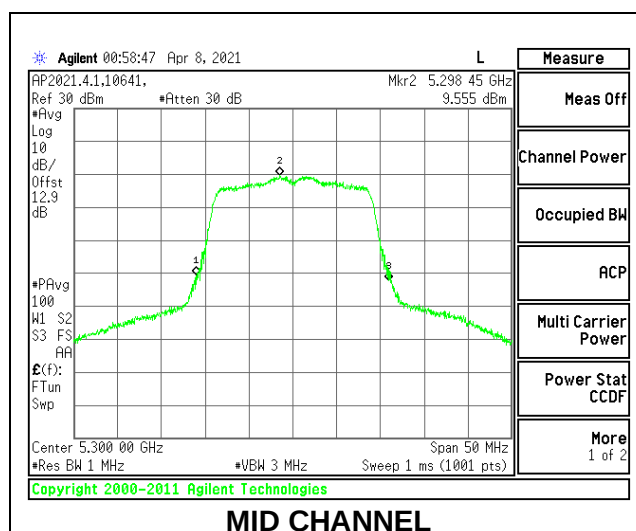
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.65	19.65	24.00	-4.35
Mid	5300	19.61	19.61	24.00	-4.39
High	5320	18.75	18.75	24.00	-5.25

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	9.688	9.688	11.00	-1.312
Mid	5300	9.555	9.555	11.00	-1.445
High	5320	8.740	8.740	11.00	-2.260



1TX Antenna 5 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

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	22.00	-3.40	24.00	11.00
Mid	5300	21.95	-3.40	24.00	11.00
High	5320	21.90	-3.40	24.00	11.00

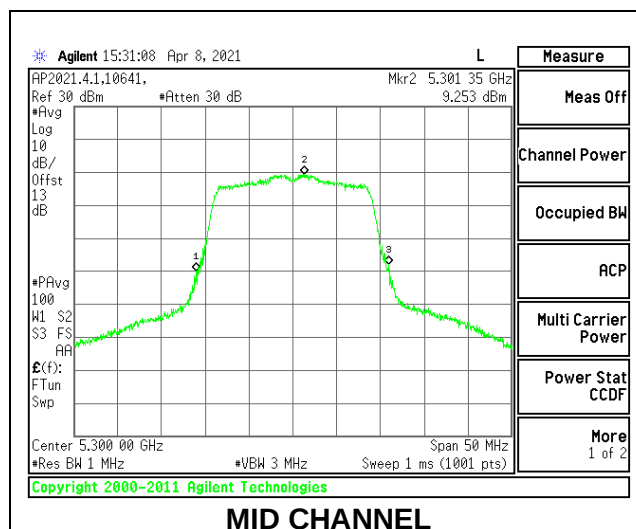
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.66	19.66	24.00	-4.34
Mid	5300	19.64	19.64	24.00	-4.36
High	5320	18.74	18.74	24.00	-5.26

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.682	9.682	11.00	-1.318
Mid	5300	9.253	9.253	11.00	-1.747
High	5320	8.668	8.668	11.00	-2.332



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.40	-3.09	-0.08	24.00	11.00
Mid	5300	21.45	-3.09	-0.08	24.00	11.00
High	5320	21.55	-3.09	-0.08	24.00	11.00

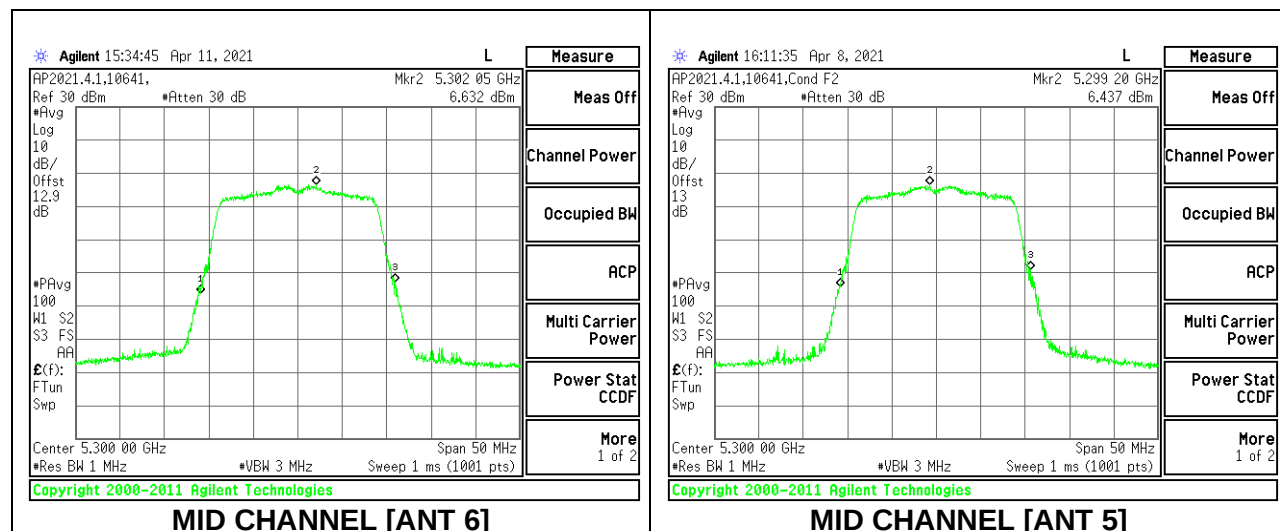
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.52	16.66	19.60	24.00	-4.40
Mid	5300	16.56	16.45	19.52	24.00	-4.48
High	5320	16.50	16.54	19.53	24.00	-4.47

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.553	6.724	9.650	11.00	-1.350
Mid	5300	6.632	6.437	9.546	11.00	-1.454
High	5320	6.552	6.580	9.576	11.00	-1.424



9.4.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

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	40.70	-2.80	24.00	11.00
High	5310	40.70	-2.80	24.00	11.00

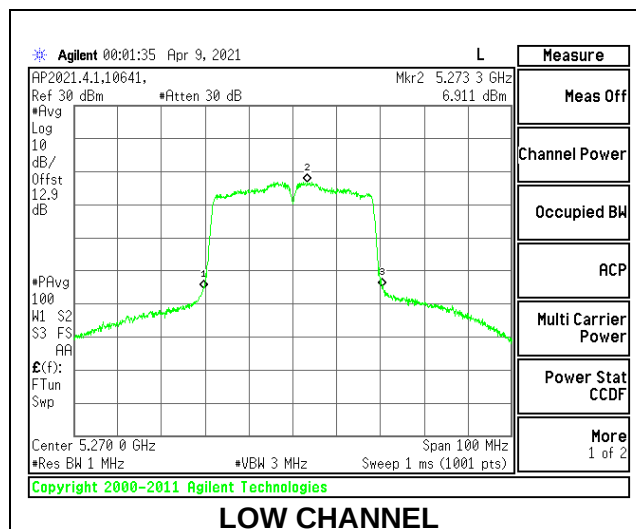
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.42	20.42	24.00	-3.58
High	5310	16.81	16.81	24.00	-7.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.911	7.001	11.00	-3.999
High	5310	3.895	3.985	11.00	-7.015



1TX Antenna 5 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

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	40.50	-3.40	24.00	11.00
High	5310	40.70	-3.40	24.00	11.00

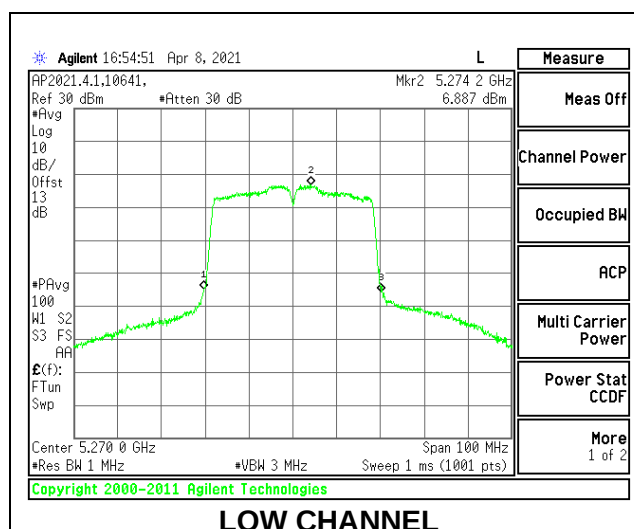
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.43	20.43	24.00	-3.57
High	5310	16.79	16.79	24.00	-7.21

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.887	6.977	11.00	-4.023
High	5310	3.702	3.792	11.00	-7.208



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

Test Engineer:	44353
Test Date:	7/9/2021

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	40.20	-3.09	-0.08	24.00	11.00
High	5310	40.20	-3.09	-0.08	24.00	11.00

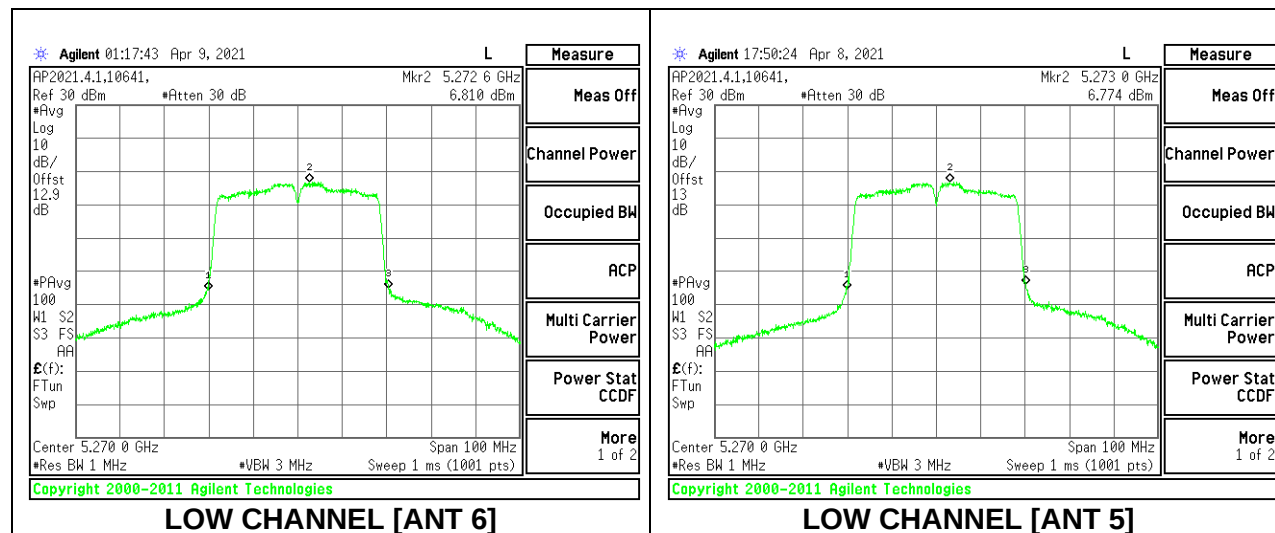
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.41	19.38	22.41	24.00	-1.59
High	5310	15.37	15.34	18.37	24.00	-5.63

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.810	6.774	9.892	11.00	-1.108
High	5310	2.780	2.679	5.830	11.00	-5.170



9.4.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND**1TX Antenna 6 MODE (FCC)**

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.60	-2.80	24.00	11.00

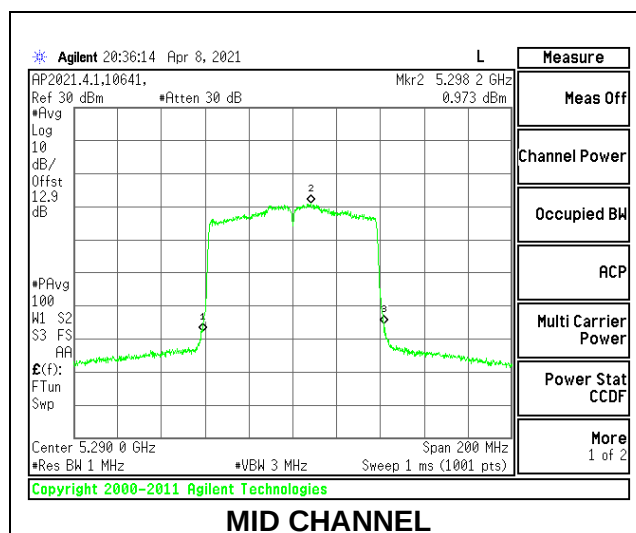
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.84	16.84	24.00	-7.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.973	1.153	11.00	-9.847



1TX Antenna 5 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.60	-3.40	24.00	11.00

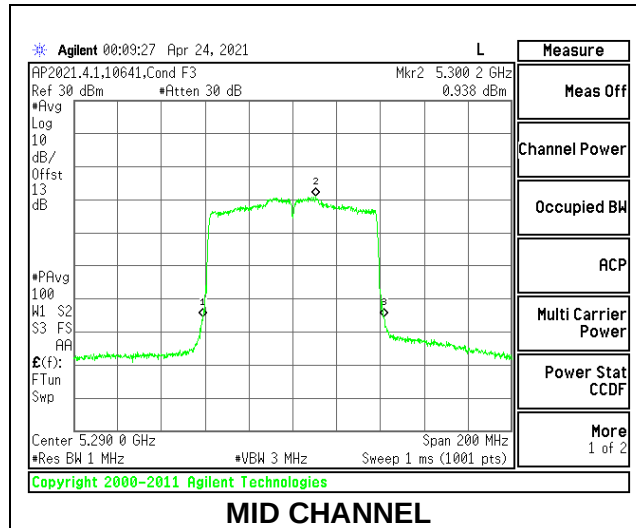
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.81	16.81	24.00	-7.19

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	0.938	1.118	11.00	-9.882



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.20	-3.09	-0.08	24.00	11.00

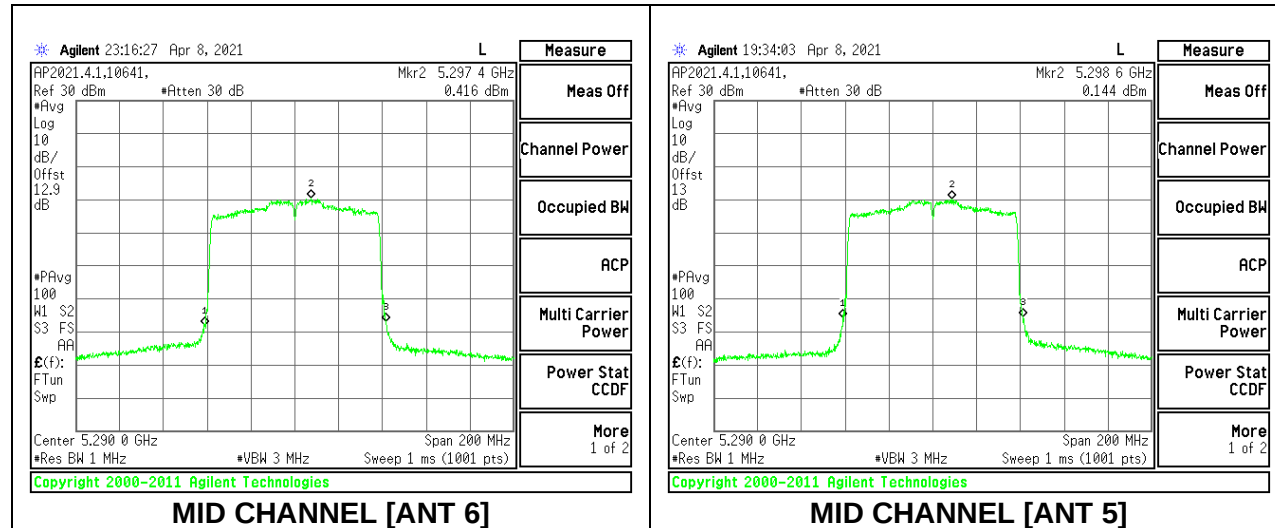
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.42	16.23	19.34	24.00	-4.66

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.416	0.144	3.472	11.00	-7.528



9.4.10. 802.11ax HE20 MODE IN THE 5.3 GHz BAND**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0**

Test Engineer:	44353
Test Date:	7/9/2021

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	20.50	-2.80	24.00	11.00
Mid	5300	20.30	-2.80	24.00	11.00
High	5320	20.35	-2.80	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.88	11.88	24.00	-12.12
Mid	5300	11.77	11.77	24.00	-12.23
High	5320	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.003	8.003	11.00	-2.997
Mid	5300	7.775	7.775	11.00	-3.225
High	5320	7.840	7.840	11.00	-3.160



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.60	-2.80	23.92	11.00
Mid	5300	19.25	-2.80	23.84	11.00
High	5320	19.50	-2.80	23.90	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.81	11.81	23.92	-12.11
Mid	5300	11.82	11.82	23.84	-12.02
High	5320	11.78	11.78	23.90	-12.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.825	6.825	11.00	-4.175
Mid	5300	6.892	6.892	11.00	-4.108
High	5320	6.830	6.830	11.00	-4.170



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.00	-2.80	24.00	11.00
Mid	5300	20.90	-2.80	24.00	11.00
High	5320	20.95	-2.80	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.79	11.79	24.00	-12.21
Mid	5300	11.82	11.82	24.00	-12.18
High	5320	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.766	7.766	11.00	-3.234
Mid	5300	7.946	7.946	11.00	-3.054
High	5320	7.837	7.837	11.00	-3.163



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

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	22.35	-2.80	24.00	11.00
Mid	5300	22.35	-2.80	24.00	11.00
High	5320	22.05	-2.80	24.00	11.00

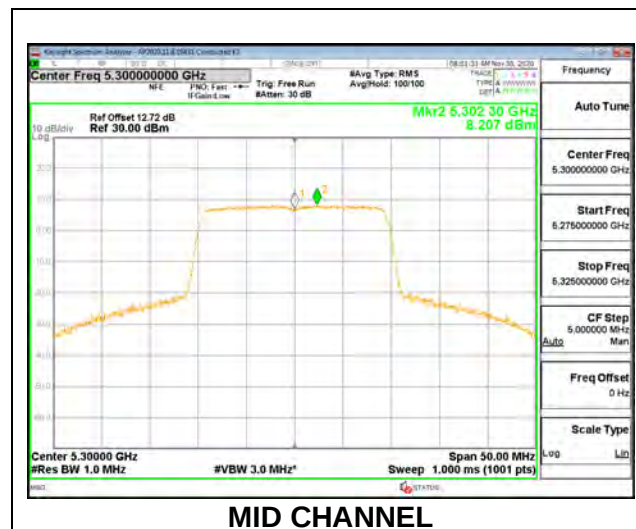
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.78	19.78	24.00	-4.22
Mid	5300	19.83	19.83	24.00	-4.17
High	5320	17.89	17.89	24.00	-6.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.155	8.155	11.00	-2.845
Mid	5300	8.207	8.207	11.00	-2.793
High	5320	6.325	6.325	11.00	-4.675



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.35	-3.40	24.00	11.00
Mid	5300	20.25	-3.40	24.00	11.00
High	5320	20.35	-3.40	24.00	11.00

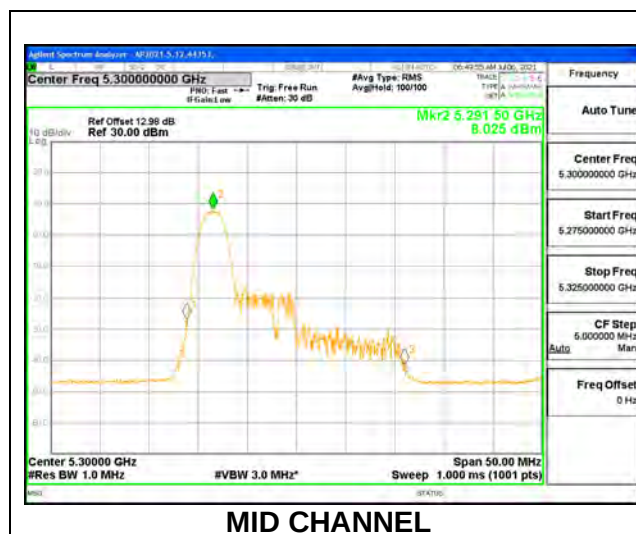
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.81	11.81	24.00	-12.19
Mid	5300	11.92	11.92	24.00	-12.08
High	5320	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.818	7.818	11.00	-3.182
Mid	5300	8.025	8.025	11.00	-2.975
High	5320	7.880	7.880	11.00	-3.120



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.50	-3.40	23.90	11.00
Mid	5300	19.55	-3.40	23.91	11.00
High	5320	19.65	-3.40	23.93	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.85	11.85	23.90	-12.05
Mid	5300	11.82	11.82	23.91	-12.09
High	5320	11.81	11.81	23.93	-12.12

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.039	7.039	11.00	-3.961
Mid	5300	6.868	6.868	11.00	-4.132
High	5320	6.819	6.819	11.00	-4.181



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.75	-3.40	24.00	11.00
Mid	5300	21.00	-3.40	24.00	11.00
High	5320	20.95	-3.40	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.88	11.88	24.00	-12.12
Mid	5300	11.82	11.82	24.00	-12.18
High	5320	11.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.987	7.987	11.00	-3.013
Mid	5300	7.827	7.827	11.00	-3.173
High	5320	7.834	7.834	11.00	-3.166



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

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	22.15	-3.40	24.00	11.00
Mid	5300	22.15	-3.40	24.00	11.00
High	5320	22.10	-3.40	24.00	11.00

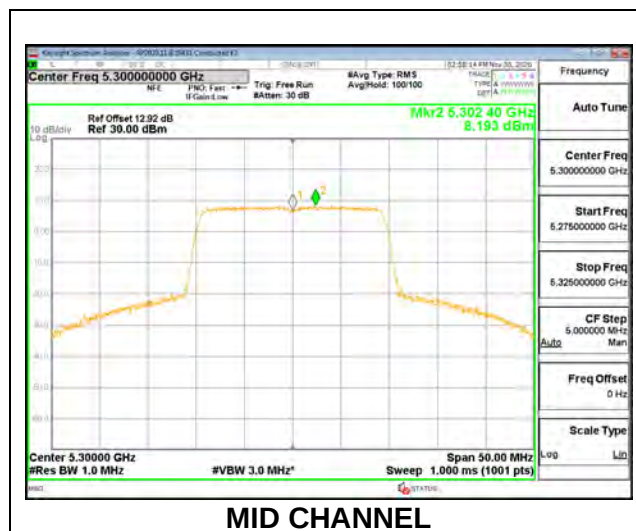
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.91	19.91	24.00	-4.09
Mid	5300	19.79	19.79	24.00	-4.21
High	5320	17.90	17.90	24.00	-6.10

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	8.227	8.227	11.00	-2.773
Mid	5300	8.193	8.193	11.00	-2.807
High	5320	6.266	6.266	11.00	-4.734



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.75	-3.09	-0.08	23.96	11.00
Mid	5300	20.00	-3.09	-0.08	24.00	11.00
High	5320	19.95	-3.09	-0.08	24.00	11.00

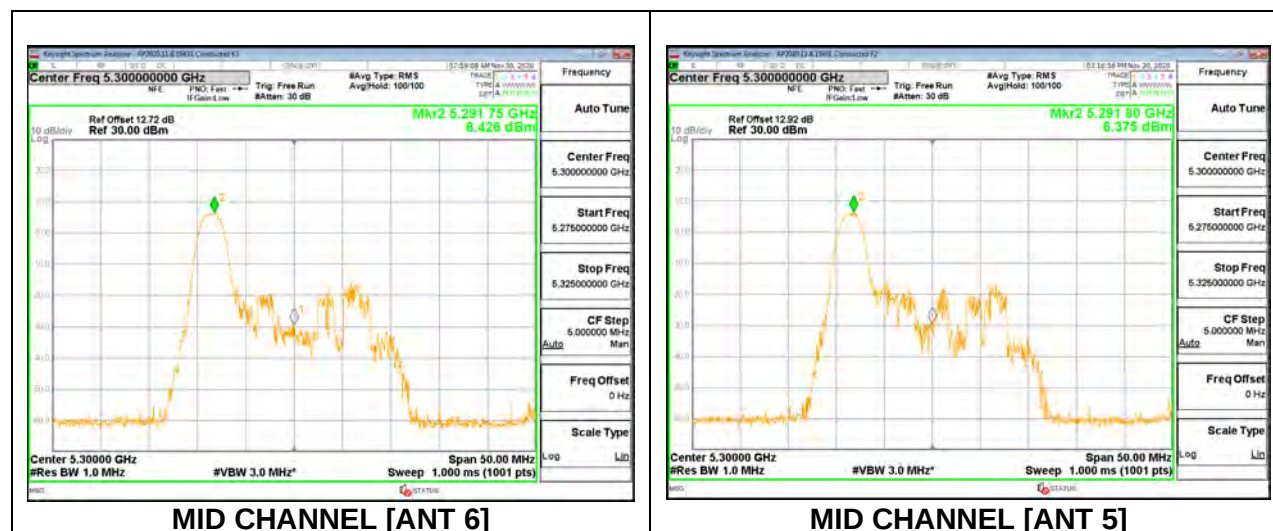
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.88	8.89	11.90	23.96	-12.06
Mid	5300	8.81	8.76	11.80	24.00	-12.20
High	5320	8.75	8.85	11.81	24.00	-12.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.432	6.472	9.462	11.00	-1.538
Mid	5300	6.426	6.375	9.411	11.00	-1.589
High	5320	6.336	6.450	9.404	11.00	-1.596



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	18.35	-3.09	-0.08	23.64	11.00
Mid	5300	18.25	-3.09	-0.08	23.61	11.00
High	5320	18.25	-3.09	-0.08	23.61	11.00

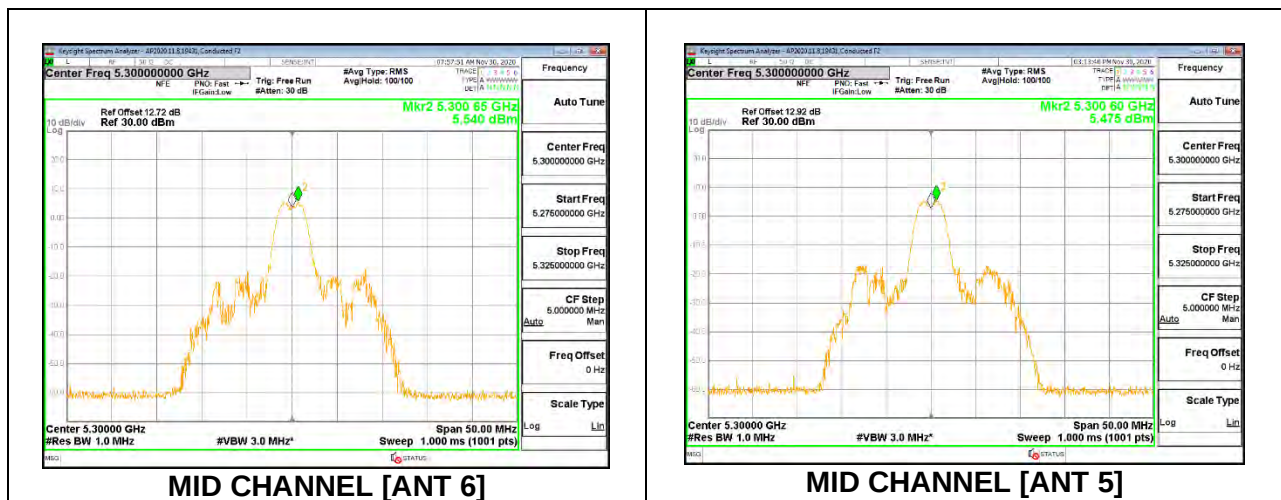
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.91	8.79	11.86	23.64	-11.78
Mid	5300	8.82	8.85	11.85	23.61	-11.77
High	5320	8.74	8.83	11.80	23.61	-11.82

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	5.621	5.421	8.532	11.00	-2.468
Mid	5300	5.540	5.475	8.518	11.00	-2.482
High	5320	5.580	5.510	8.555	11.00	-2.445



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.00	-3.09	-0.08	24.00	11.00
Mid	5300	19.90	-3.09	-0.08	23.99	11.00
High	5320	20.10	-3.09	-0.08	24.00	11.00

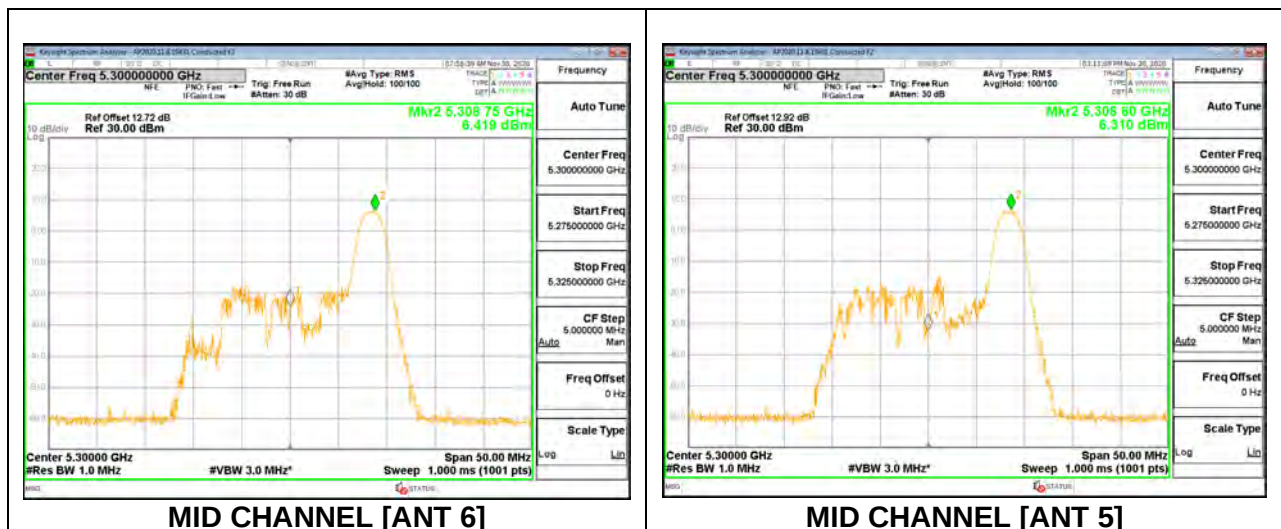
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.82	8.83	11.84	24.00	-12.16
Mid	5300	8.84	8.78	11.82	23.99	-12.17
High	5320	8.85	8.81	11.84	24.00	-12.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.407	6.464	9.446	11.00	-1.554
Mid	5300	6.419	6.310	9.375	11.00	-1.625
High	5320	6.448	6.424	9.446	11.00	-1.554



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.85	-3.09	-0.08	24.00	11.00
Mid	5300	22.00	-3.09	-0.08	24.00	11.00
High	5320	21.15	-3.09	-0.08	24.00	11.00

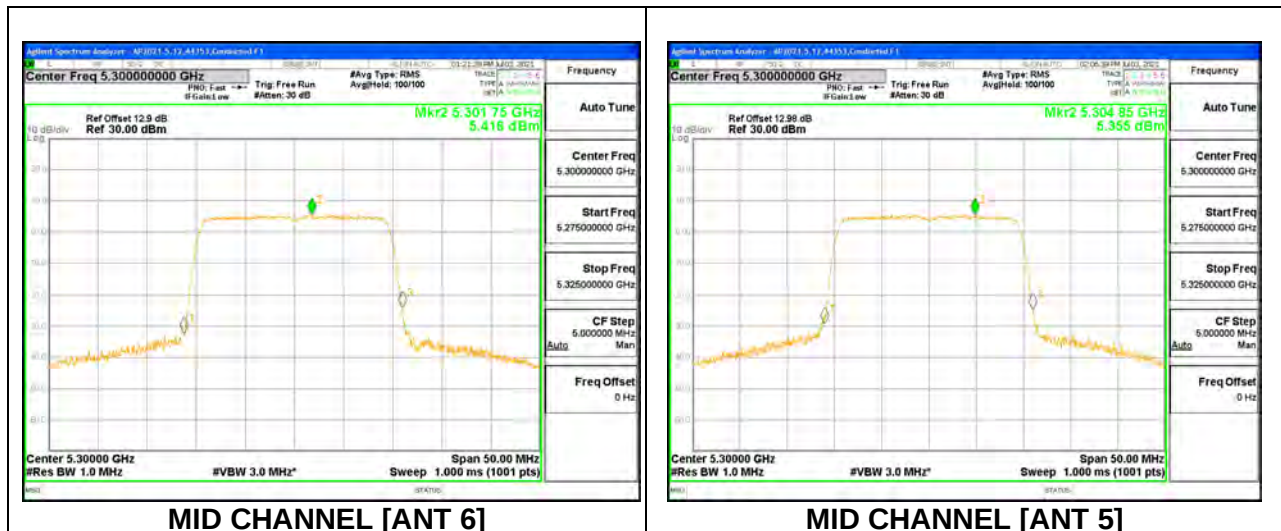
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.91	16.85	19.89	24.00	-4.11
Mid	5300	16.82	16.77	19.81	24.00	-4.19
High	5320	16.83	16.80	19.83	24.00	-4.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	5.571	5.509	8.550	11.00	-2.450
Mid	5300	5.416	5.355	8.396	11.00	-2.604
High	5320	5.472	5.372	8.433	11.00	-2.567



9.4.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0**

Test Engineer:	44353
Test Date:	7/9/2021

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	20.50	-2.80	24.00	11.00
High	5310	20.40	-2.80	24.00	11.00

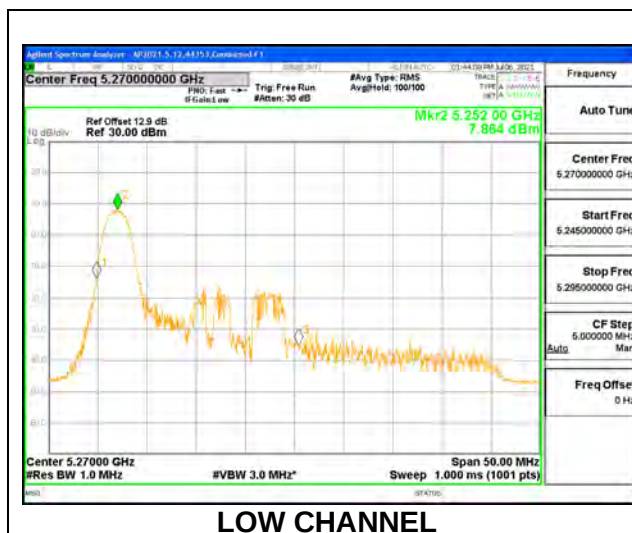
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.83	10.83	24.00	-13.17
High	5310	10.87	10.87	24.00	-13.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.864	7.864	11.00	-3.136
High	5310	7.880	7.880	11.00	-3.120



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	22.60	-2.80	24.00	11.00
High	5310	22.30	-2.80	24.00	11.00

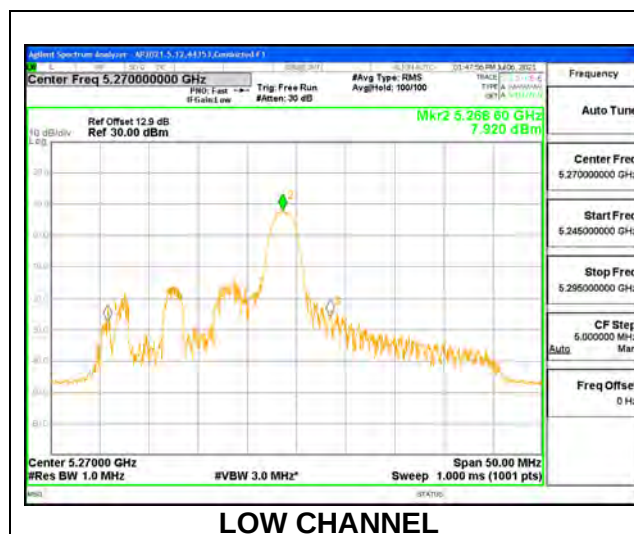
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.80	10.80	24.00	-13.20
High	5310	10.83	10.83	24.00	-13.17

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	7.920	7.920	11.00	-3.080
High	5310	7.941	7.941	11.00	-3.059



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.10	-2.80	24.00	11.00
High	5310	20.10	-2.80	24.00	11.00

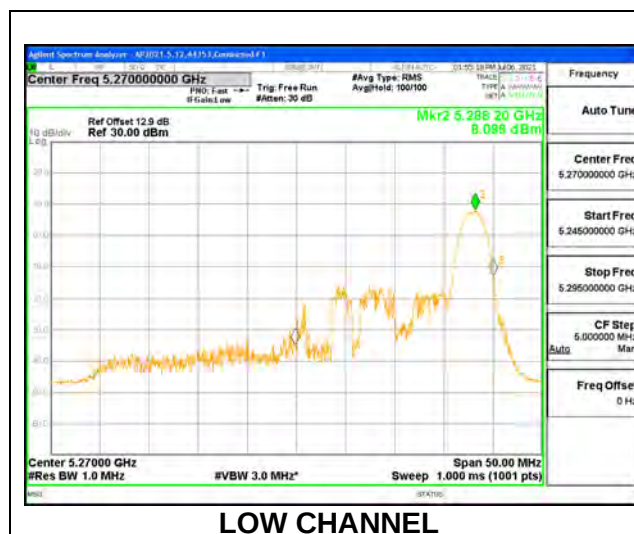
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.90	10.90	24.00	-13.10
High	5310	10.84	10.84	24.00	-13.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.096	8.096	11.00	-2.904
High	5310	7.984	7.984	11.00	-3.016



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.10	-2.80	24.00	11.00
High	5310	40.90	-2.80	24.00	11.00

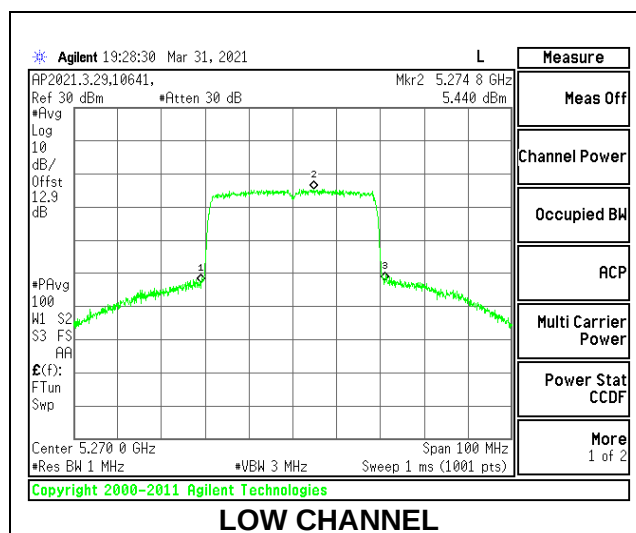
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.38	20.38	24.00	-3.62
High	5310	15.87	15.87	24.00	-8.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	5.440	5.440	11.00	-5.560
High	5310	1.497	1.497	11.00	-9.503



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.20	-3.40	24.00	11.00
High	5310	19.80	-3.40	23.97	11.00

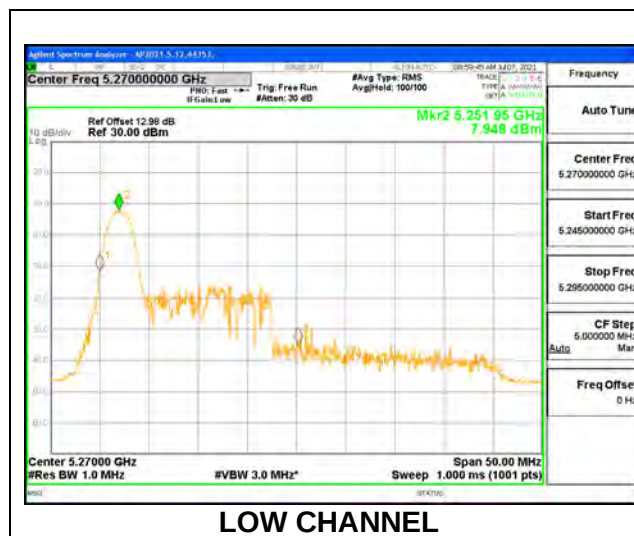
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.83	10.83	24.00	-13.17
High	5310	10.80	10.80	23.97	-13.17

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.948	7.948	11.00	-3.052
High	5310	7.898	7.898	11.00	-3.102



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	23.00	-3.40	24.00	11.00
High	5310	25.20	-3.40	24.00	11.00

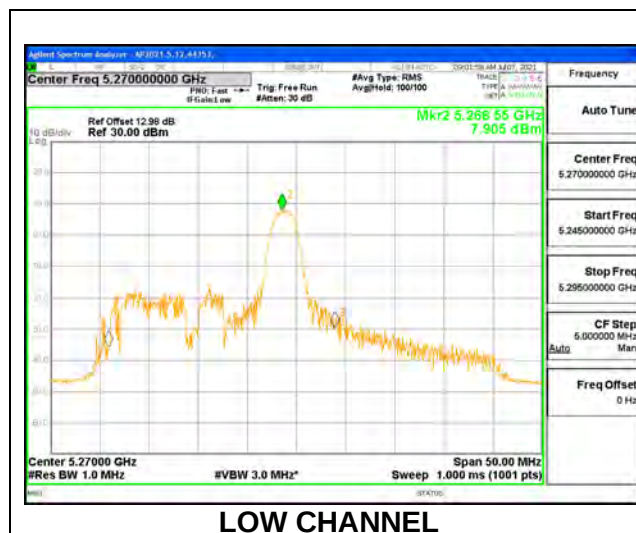
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.81	10.81	24.00	-13.19
High	5310	10.86	10.86	24.00	-13.14

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.905	7.905	11.00	-3.095
High	5310	7.981	7.981	11.00	-3.019



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.30	-3.40	24.00	11.00
High	5310	20.10	-3.40	24.00	11.00

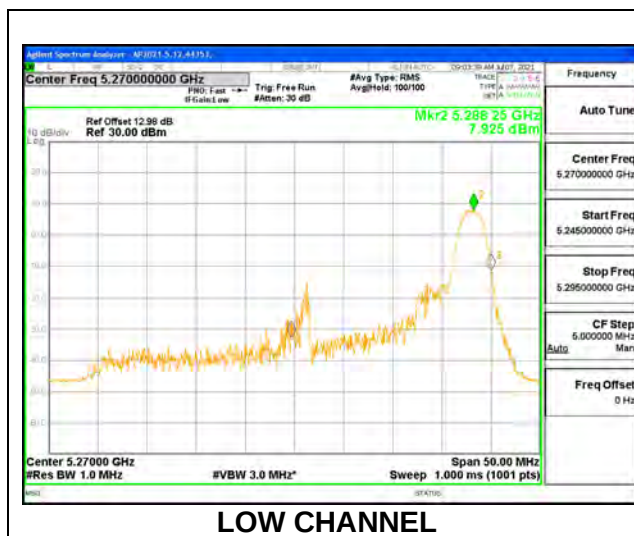
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.85	10.85	24.00	-13.15
High	5310	10.82	10.82	24.00	-13.18

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.925	7.925	11.00	-3.075
High	5310	7.864	7.864	11.00	-3.136



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.20	-3.40	24.00	11.00
High	5310	41.00	-3.40	24.00	11.00

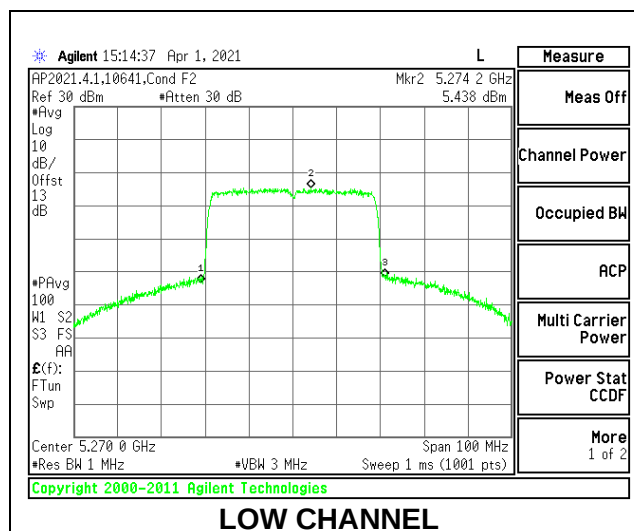
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.37	20.37	24.00	-3.63
High	5310	15.84	15.84	24.00	-8.16

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	5.438	5.438	11.00	-5.562
High	5310	1.531	1.531	11.00	-9.469



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	19.40	-3.09	-0.08	23.88	11.00
High	5310	19.40	-3.09	-0.08	23.88	11.00

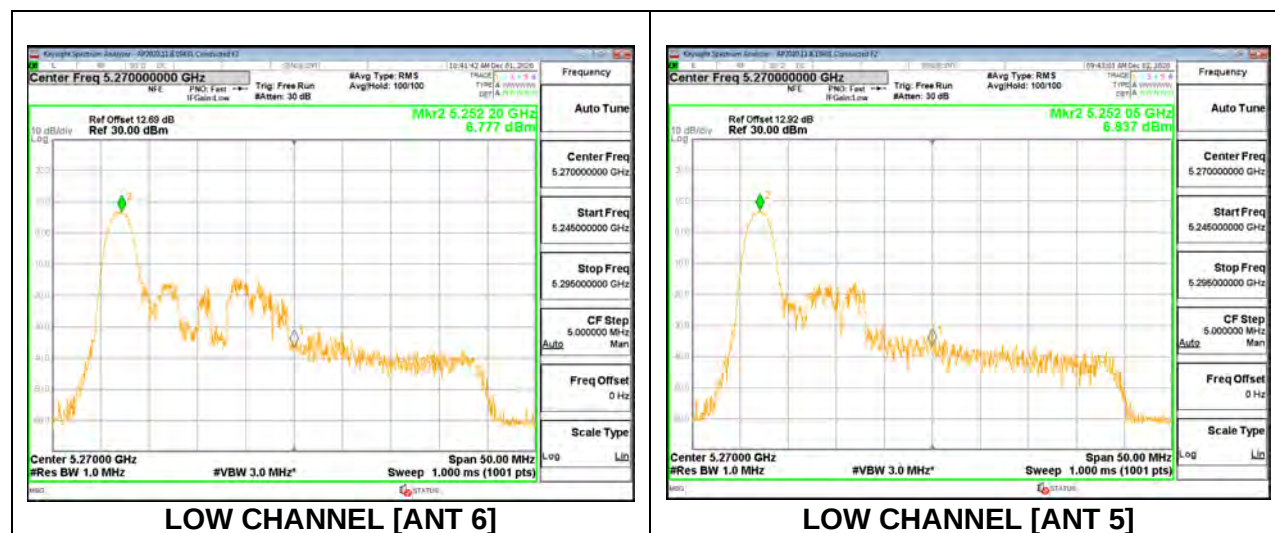
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.96	8.91	11.95	23.88	-11.93
High	5310	8.88	8.90	11.90	23.88	-11.98

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.777	6.837	9.817	11.00	-1.183
High	5310	6.647	6.659	9.663	11.00	-1.337



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	22.30	-3.09	-0.08	24.00	11.00
High	5310	22.40	-3.09	-0.08	24.00	11.00

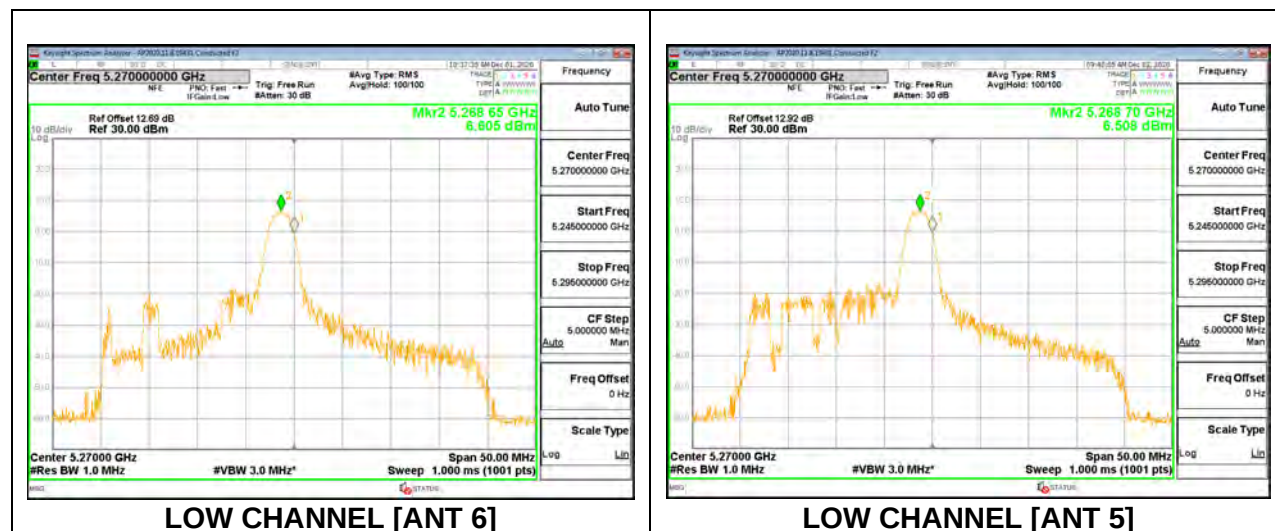
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.85	8.80	11.84	24.00	-12.16
High	5310	8.81	8.82	11.83	24.00	-12.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.605	6.508	9.567	11.00	-1.433
High	5310	6.539	6.551	9.555	11.00	-1.445



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	19.20	-3.09	-0.08	23.83	11.00
High	5310	19.10	-3.09	-0.08	23.81	11.00

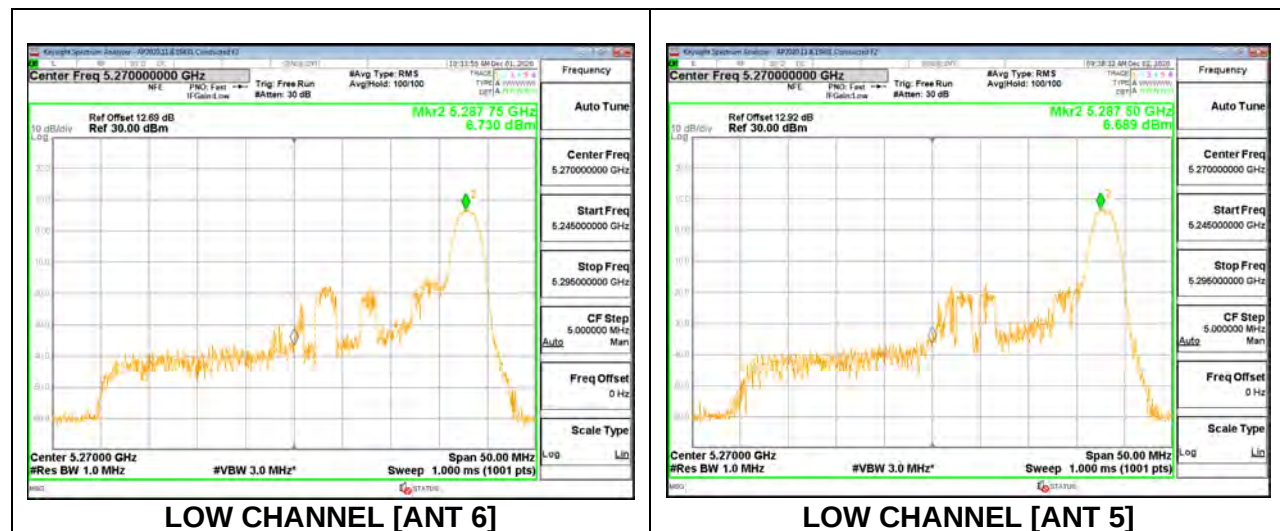
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.95	8.87	11.92	23.83	-11.91
High	5310	8.97	8.93	11.96	23.81	-11.85

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	6.730	6.689	9.720	11.00	-1.280
High	5310	6.740	6.705	9.733	11.00	-1.267



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

Test Engineer:	44353
Test Date:	7/9/2021

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	40.70	-3.09	-0.08	24.00	11.00
High	5310	40.80	-3.09	-0.08	24.00	11.00

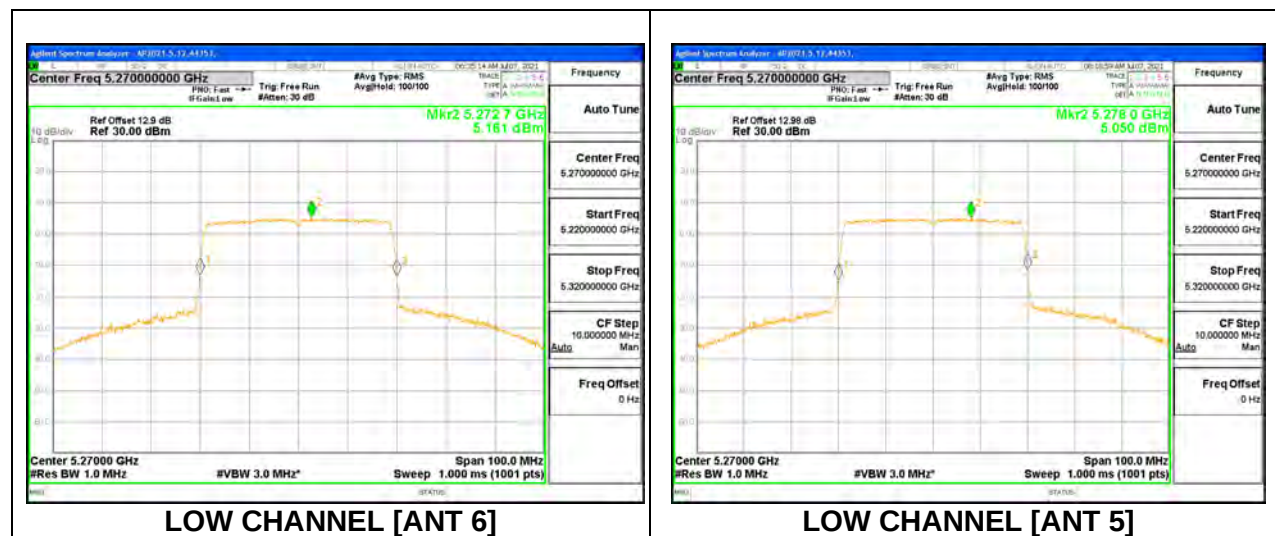
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	19.42	19.35	22.40	24.00	-1.60
High	5310	15.23	15.33	18.29	24.00	-5.71

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	5.161	5.050	8.116	11.00	-2.884
High	5310	0.792	1.033	3.924	11.00	-7.076



9.4.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0**

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.000	-2.80	24.00	11.00

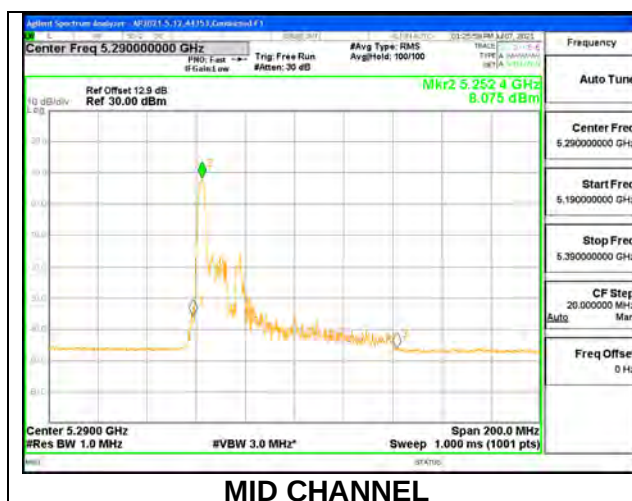
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.86	11.86	24.00	-12.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.075	8.075	11.00	-2.93



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

Test Engineer:	44353
Test Date:	7/9/2021

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	40.000	-2.80	24.00	11.00

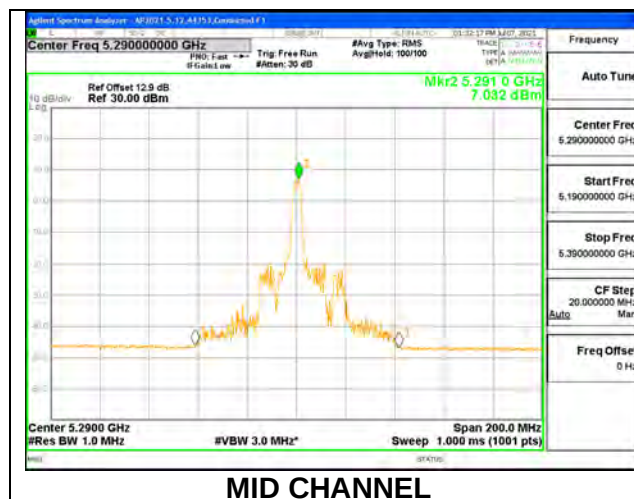
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.032	7.032	11.00	-3.97



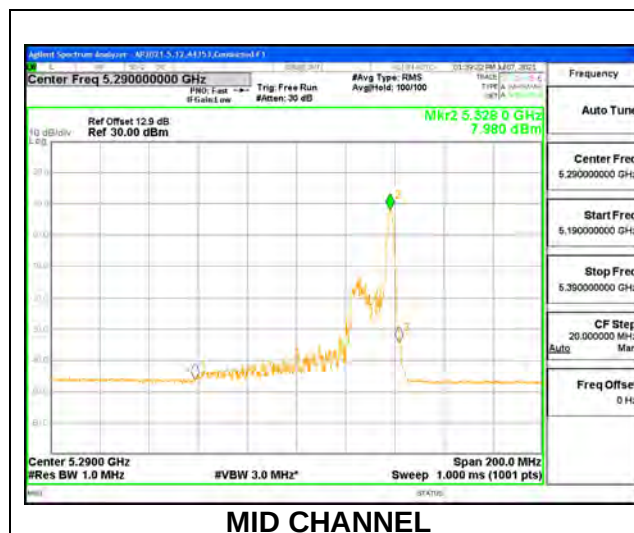
Test Engineer:	44353
Test Date:	7/9/2021

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	21.000	-2.80	24.00	11.00

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.78	11.78	24.00	-12.22

Channel	Frequency	Antenna 6 Meas PSD	Total Corr'd PSD	PSD Limit	PSD Margin
	(MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dB)
Mid	5290	7.980	7.980	11.00	-3.02



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

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	83.000	-2.80	24.00	11.00

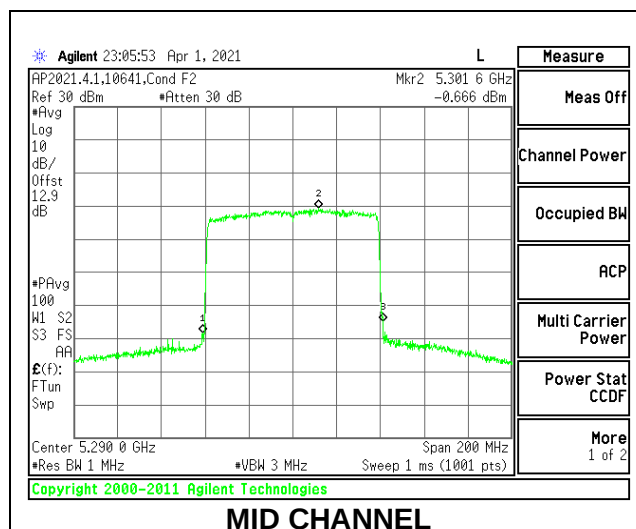
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.820	16.820	24.00	-7.18

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.666	-0.666	11.00	-11.67



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.000	-3.40	23.79	11.00

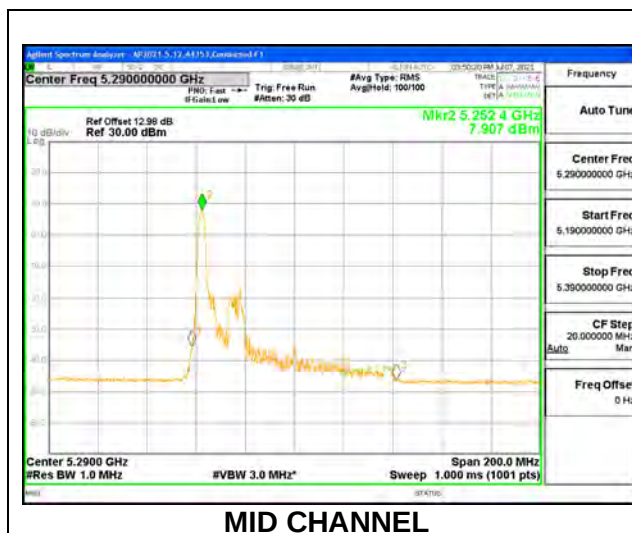
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.82	11.82	23.79	-11.97

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.907	7.907	11.00	-3.09



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

Test Engineer:	44353
Test Date:	7/9/2021

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	40.800	-3.40	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.77	11.77	24.00	-12.23

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.818	6.818	11.00	-4.18



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.000	-3.40	24.00	11.00

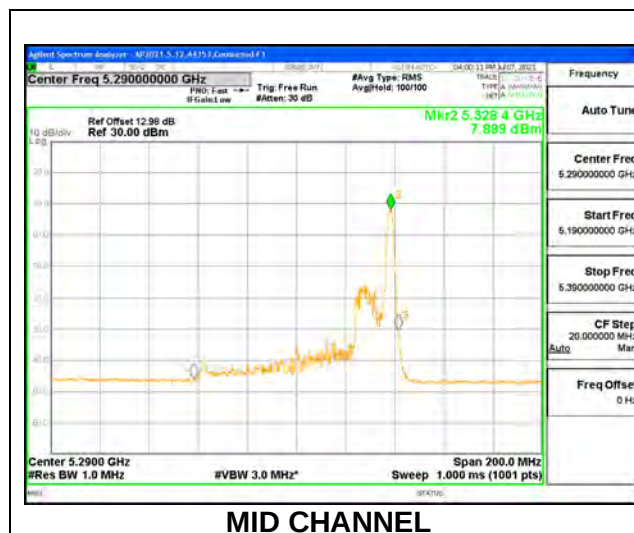
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.899	7.899	11.00	-3.10



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

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	83.000	-3.40	24.00	11.00

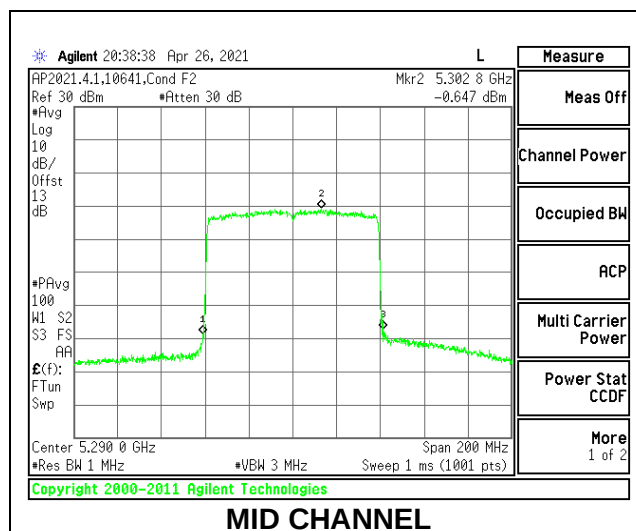
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.840	16.840	24.00	-7.16

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	-0.647	-0.647	11.00	-11.65



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.000	-3.09	-0.08	23.79	11.00

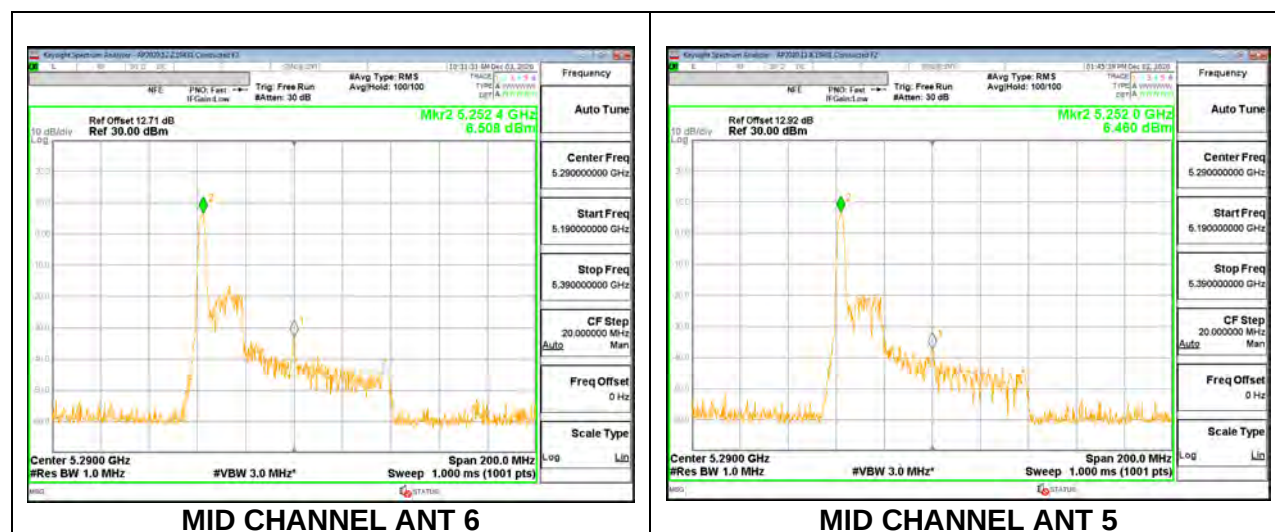
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.890	8.830	11.870	23.79	-11.92

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	6.508	6.460	9.494	11.00	-1.51



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

Test Engineer:	44353
Test Date:	7/9/2021

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	39.000	-3.09	-0.08	24.00	11.00

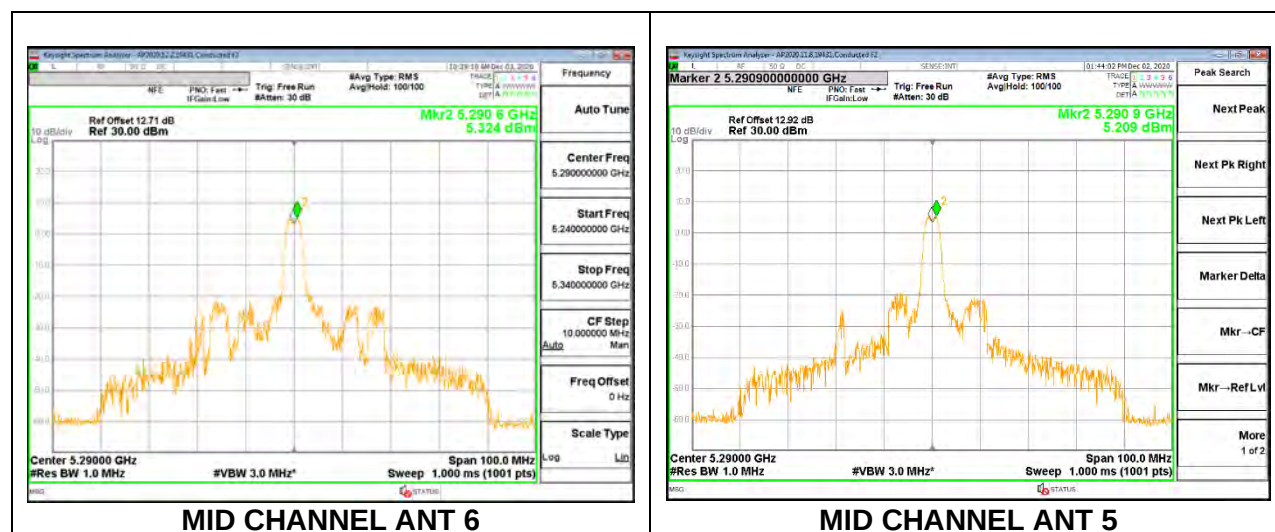
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.860	8.810	11.845	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	5.324	5.209	8.277	11.00	-2.72



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.600	-3.09	-0.08	23.92	11.00

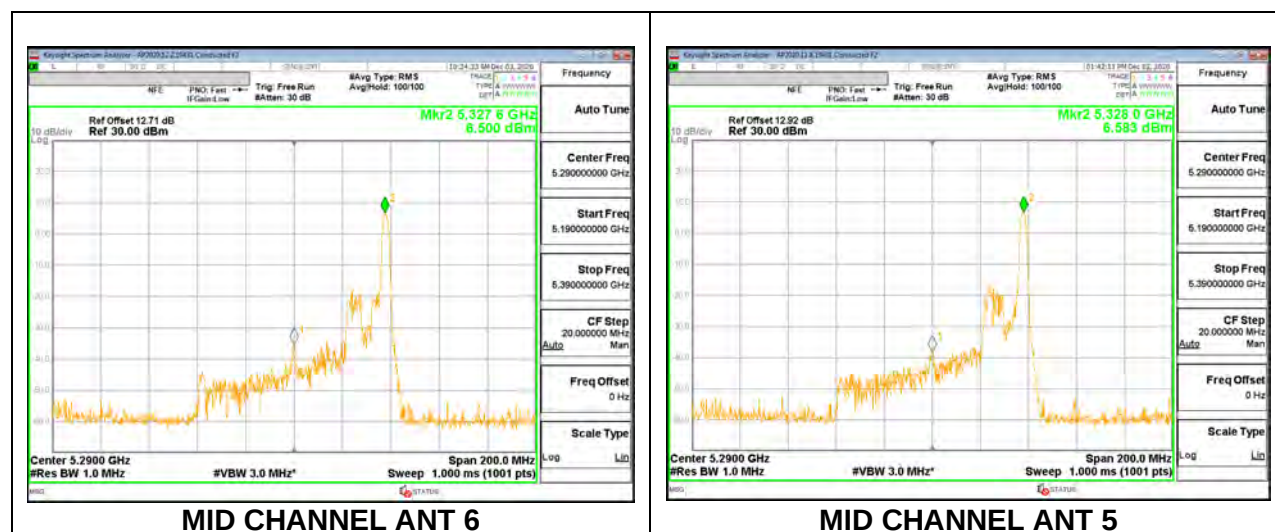
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.830	8.850	11.850	23.92	-12.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.500	6.583	9.552	11.00	-1.45



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

Test Engineer:	44353
Test Date:	7/9/2021

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	83.000	-3.09	-0.08	24.00	11.00

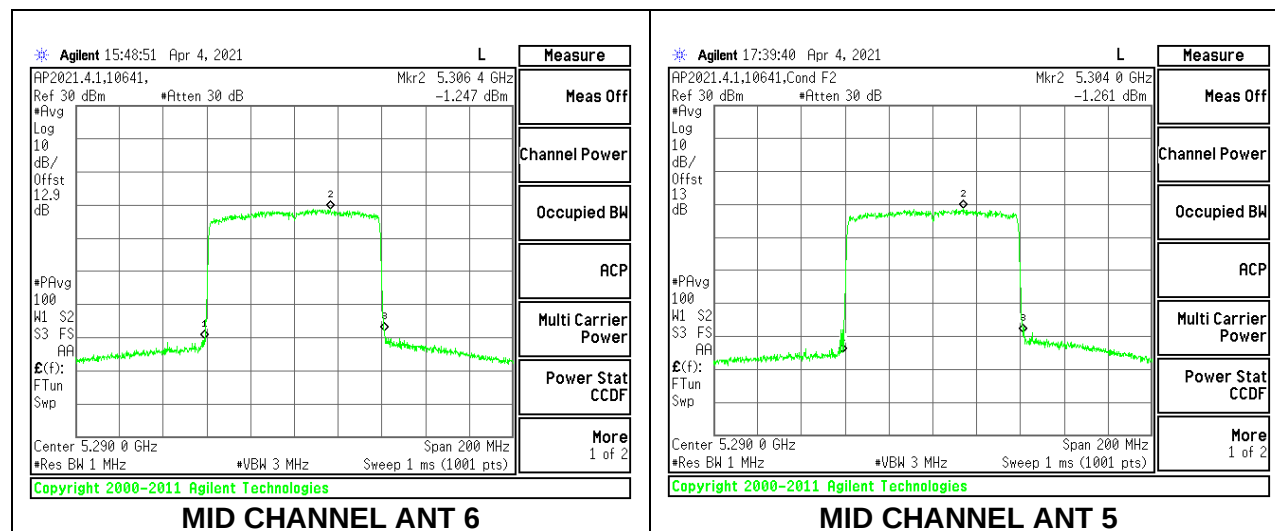
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	15.93	15.92	18.94	24.00	-5.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-1.247	-1.261	1.756	11.00	-9.24



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.85	-3.50	24.00	11.00
Mid	5580	21.95	-3.50	24.00	11.00
High	5700	21.90	-3.50	24.00	11.00
144	5720	16.08	-3.50	23.06	11.00

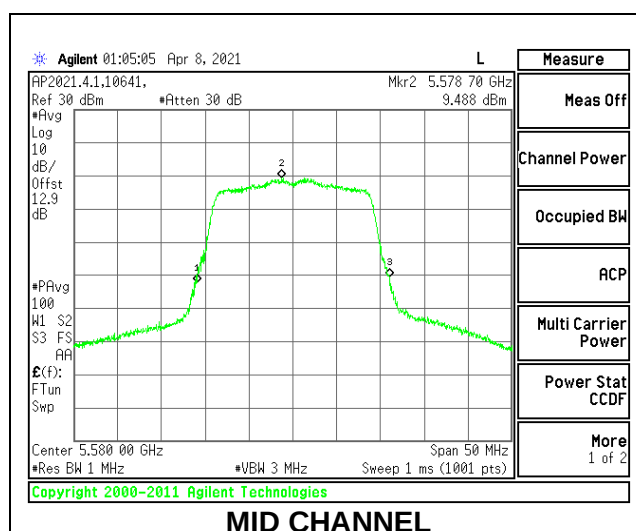
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	19.34	19.34	24.00	-4.66
Mid	5580	19.36	19.36	24.00	-4.64
High	5700	16.82	16.82	24.00	-7.18
144	5720	19.33	19.33	23.06	-3.73

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	9.478	9.478	11.00	-1.522
Mid	5580	9.488	9.488	11.00	-1.512
High	5700	6.900	6.900	11.00	-4.100
144	5720	9.467	9.467	11.00	-1.533



1TX Antenna 5 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	22.00	-1.10	24.00	11.00
Mid	5580	21.90	-1.10	24.00	11.00
High	5700	21.95	-1.10	24.00	11.00
144	5720	15.98	-1.10	23.03	11.00

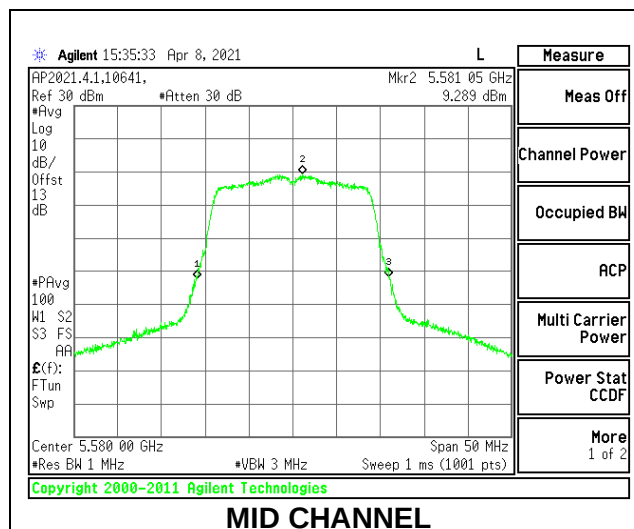
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	19.26	19.26	24.00	-4.74
Mid	5580	19.29	19.29	24.00	-4.71
High	5700	16.75	16.75	24.00	-7.25
144	5720	19.30	19.30	23.03	-3.73

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	9.118	9.118	11.00	-1.882
Mid	5580	9.289	9.289	11.00	-1.711
High	5700	6.785	6.785	11.00	-4.215
144	5720	9.207	9.207	11.00	-1.793



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.65	-2.14	0.79	24.00	11.00
Mid	5580	21.50	-2.14	0.79	24.00	11.00
High	5700	21.60	-2.14	0.79	24.00	11.00
144	5720	15.83	-2.14	0.79	22.99	11.00

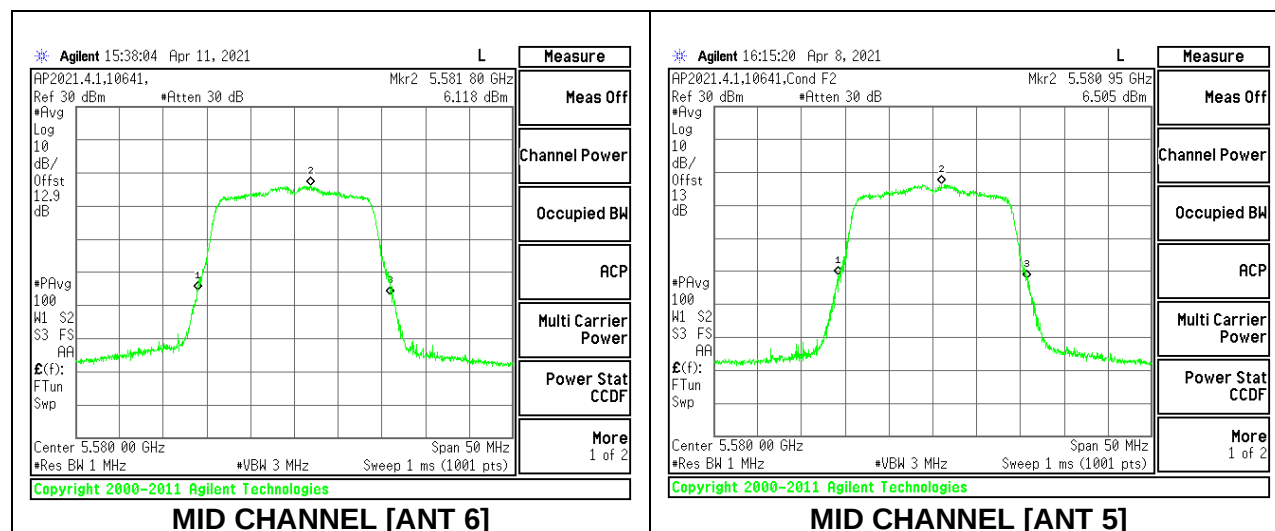
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.28	16.30	19.30	24.00	-4.70
Mid	5580	16.25	16.47	19.37	24.00	-4.63
High	5700	16.27	16.31	19.30	24.00	-4.70
144	5720	16.25	16.40	19.34	22.99	-3.66

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.261	6.221	9.251	11.00	-1.749
Mid	5580	6.118	6.505	9.326	11.00	-1.674
High	5700	6.241	6.256	9.259	11.00	-1.741
144	5720	6.228	6.430	9.340	11.00	-1.660



9.4.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND**1TX Antenna 6 MODE (FCC)**

Test Engineer:	44353
Test Date:	7/9/2021

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	40.70	-3.50	24.00	11.00
Mid	5550	40.60	-3.50	24.00	11.00
High	5670	40.70	-3.50	24.00	11.00
142	5710	40.60	-3.50	24.00	11.00

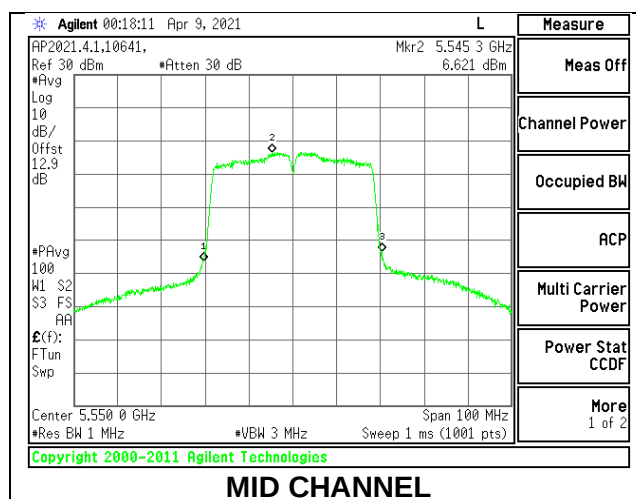
Duty Cycle CF (dB)	0.09	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.87	15.87	24.00	-8.13
Mid	5550	20.29	20.29	24.00	-3.71
High	5670	19.33	19.33	24.00	-4.67
142	5710	20.46	20.46	24.00	-3.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.766	2.856	11.00	-8.144
Mid	5550	6.621	6.711	11.00	-4.289
High	5670	6.331	6.421	11.00	-4.579
142	5710	6.977	7.067	11.00	-3.933



1TX Antenna 5 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

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	40.70	-1.10	24.00	11.00
Mid	5550	40.70	-1.10	24.00	11.00
High	5670	40.60	-1.10	24.00	11.00
142	5710	40.60	-1.10	24.00	11.00

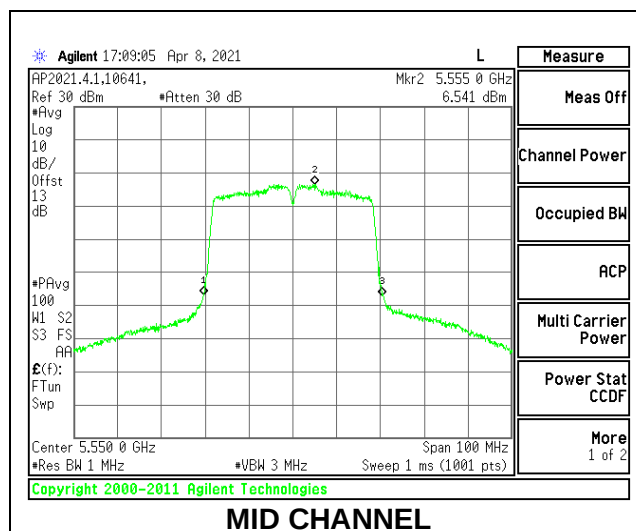
Duty Cycle CF (dB)	0.09	Included in Calculations Corr'd PSD
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Output Power Results

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	20.28	20.28	24.00	-3.72
High	5670	19.41	19.41	24.00	-4.59
142	5710	20.45	20.45	24.00	-3.55

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.688	2.778	11.00	-8.222
Mid	5550	6.541	6.631	11.00	-4.369
High	5670	6.287	6.377	11.00	-4.623
142	5710	6.828	6.918	11.00	-4.082



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

Test Engineer:	44353
Test Date:	7/9/2021

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	40.30	-2.14	0.79	24.00	11.00
Mid	5550	40.40	-2.14	0.79	24.00	11.00
High	5670	40.40	-2.14	0.79	24.00	11.00
142	5710	40.40	-2.14	0.79	24.00	11.00

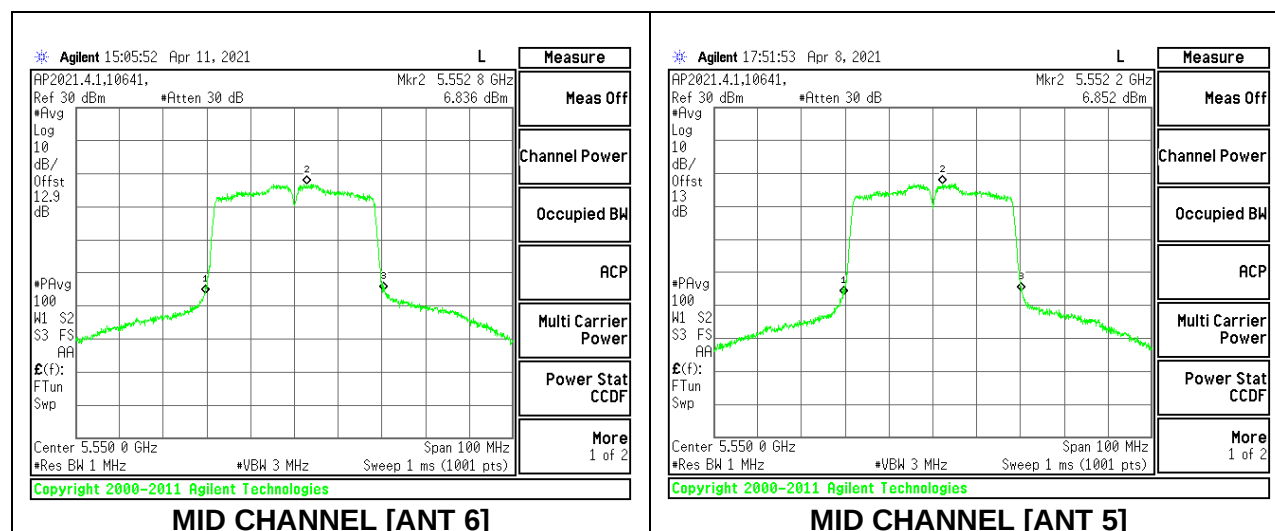
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.90	14.84	17.88	24.00	-6.12
Mid	5550	19.42	19.44	22.44	24.00	-1.56
High	5670	18.76	18.79	21.79	24.00	-2.21
142	5710	19.39	19.46	22.44	24.00	-1.56

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	5510	2.312	2.364	5.438	11.00	-5.56
Mid	5550	6.836	6.852	9.944	11.00	-1.06
High	5670	6.238	6.309	9.374	11.00	-1.63
142	5710	6.796	6.936	9.967	11.00	-1.03



9.4.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND**1TX Antenna 6 MODE (FCC)**

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.80	-3.50	24.00	11.00
High	5610	82.80	-3.50	24.00	11.00
138	5690	82.60	-3.50	24.00	11.00

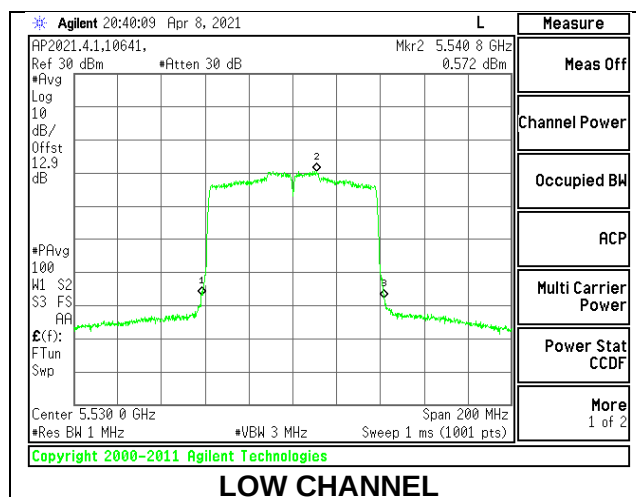
Duty Cycle CF (dB)	0.18	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.77	16.77	24.00	-7.23
High	5610	21.38	21.38	24.00	-2.62
138	5690	21.34	21.34	24.00	-2.66

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	0.572	0.752	11.00	-10.248
High	5610	3.840	4.020	11.00	-6.980
138	5690	3.861	4.041	11.00	-6.959



1TX Antenna 5 MODE (FCC)

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.60	-1.10	24.00	11.00
High	5610	82.60	-1.10	24.00	11.00
138	5690	82.80	-1.10	24.00	11.00

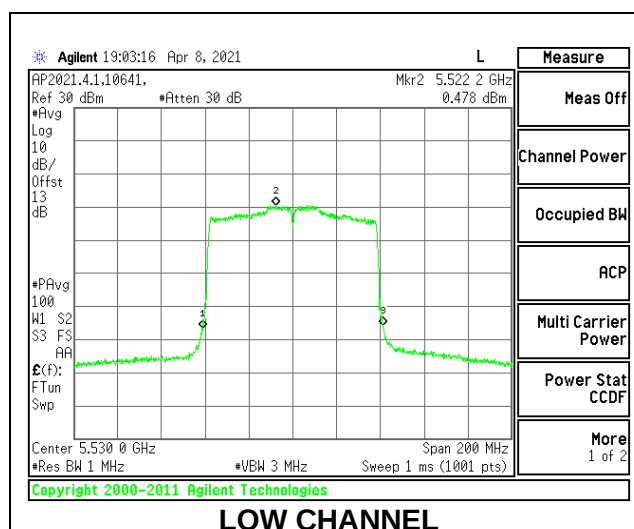
Duty Cycle CF (dB)	0.18	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.75	16.75	24.00	-7.25
High	5610	21.33	21.33	24.00	-2.67
138	5690	21.31	21.31	24.00	-2.69

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.478	0.658	11.00	-10.342
High	5610	3.771	3.951	11.00	-7.049
138	5690	3.719	3.899	11.00	-7.101



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.20	-2.14	0.79	24.00	11.00
High	5610	82.60	-2.14	0.79	24.00	11.00
138	5690	82.40	-2.14	0.79	24.00	11.00

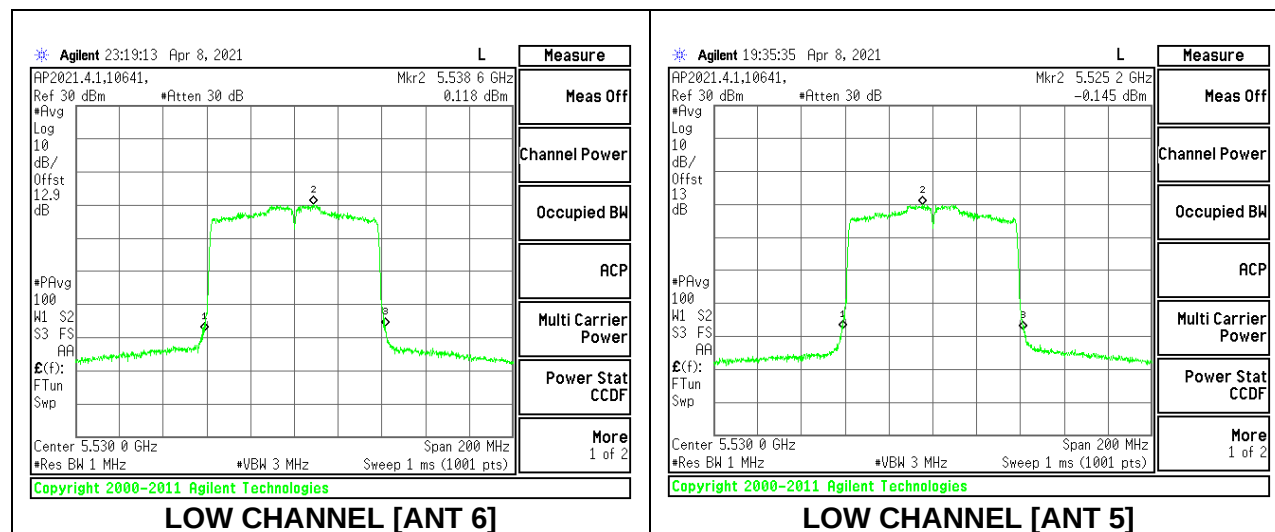
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.27	16.24	19.27	24.00	-4.73
High	5610	19.94	19.86	22.91	24.00	-1.09
138	5690	19.91	19.89	22.91	24.00	-1.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.118	-0.145	3.179	11.00	-7.821
High	5610	3.955	3.825	7.081	11.00	-3.919
138	5690	3.935	3.895	7.105	11.00	-3.895



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.25	-3.50	24.00	11.00
Mid	5580	20.35	-3.50	24.00	11.00
High	5700	20.40	-3.50	24.00	11.00
144	5720	15.15	-3.50	22.80	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.80	11.80	24.00	-12.20
Mid	5580	11.77	11.77	24.00	-12.23
High	5700	11.91	11.91	24.00	-12.09
144	5720	11.88	11.88	22.80	-10.92

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	7.828	7.828	11.00	-3.172
Mid	5580	7.778	7.778	11.00	-3.222
High	5700	8.081	8.081	11.00	-2.919
144	5720	8.066	8.066	11.00	-2.934



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.00	-3.50	23.79	11.00
Mid	5580	19.45	-3.50	23.89	11.00
High	5700	19.60	-3.50	23.92	11.00
144	5720	14.75	-3.50	22.69	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.74	11.74	23.79	-12.05
Mid	5580	11.79	11.79	23.89	-12.10
High	5700	11.90	11.90	23.92	-12.02
144	5720	11.93	11.93	22.69	-10.76

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	6.822	6.822	11.00	-4.178
Mid	5580	6.923	6.923	11.00	-4.077
High	5700	7.155	7.155	11.00	-3.845
144	5720	7.171	7.171	11.00	-3.829



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.70	-3.50	24.00	11.00
Mid	5580	21.10	-3.50	24.00	11.00
High	5700	20.90	-3.50	24.00	11.00
144	5720	15.35	-3.50	22.86	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.81	11.81	24.00	-12.19
Mid	5580	11.78	11.78	24.00	-12.22
High	5700	11.89	11.89	24.00	-12.11
144	5720	11.82	11.82	22.86	-11.04

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	5500	7.819	7.819	11.00	-3.181
Mid	5580	7.770	7.770	11.00	-3.230
High	5700	8.072	8.072	11.00	-2.928
144	5720	7.878	7.878	11.00	-3.122



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	22.00	-3.50	24.00	11.00
Mid	5580	22.00	-3.50	24.00	11.00
High	5700	22.05	-3.50	24.00	11.00
144	5720	16.10	-3.50	23.07	11.00

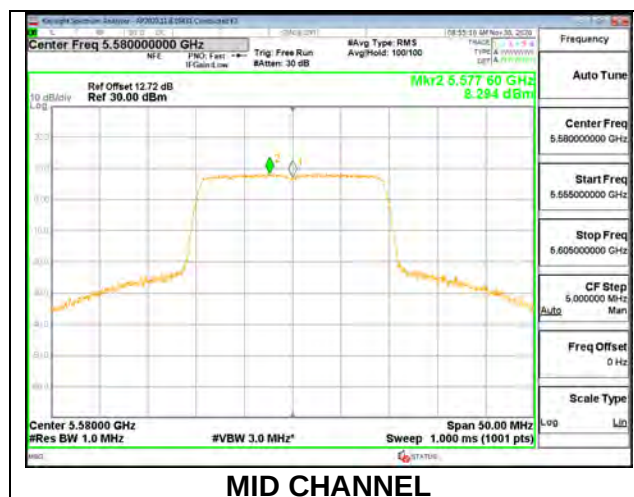
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.92	18.92	24.00	-5.08
Mid	5580	19.81	19.81	24.00	-4.19
High	5700	16.31	16.31	24.00	-7.69
144	5720	19.79	19.79	23.07	-3.28

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	7.471	7.471	11.00	-3.529
Mid	5580	8.284	8.284	11.00	-2.716
High	5700	4.792	4.792	11.00	-6.208
144	5720	8.246	8.246	11.00	-2.754



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.35	-1.10	24.00	11.00
Mid	5580	20.40	-1.10	24.00	11.00
High	5700	20.35	-1.10	24.00	11.00
144	5720	15.18	-1.10	22.81	11.00

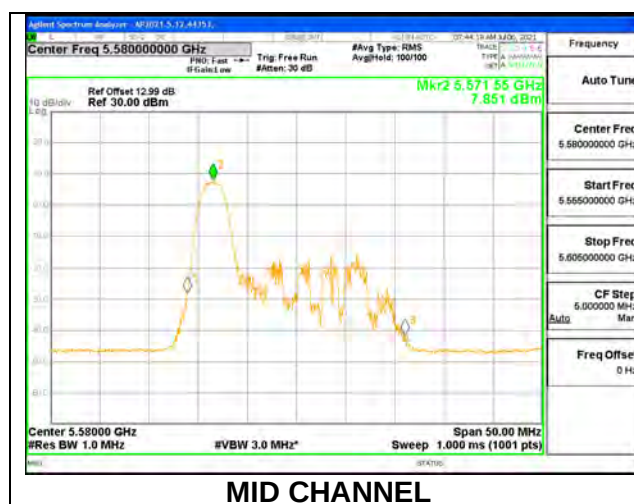
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.80	11.80	24.00	-12.20
Mid	5580	11.79	11.79	24.00	-12.21
High	5700	11.88	11.88	24.00	-12.12
144	5720	11.82	11.82	22.81	-10.99

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	7.890	7.890	11.00	-3.110
Mid	5580	7.851	7.851	11.00	-3.149
High	5700	7.937	7.937	11.00	-3.063
144	5720	7.863	7.863	11.00	-3.137



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.65	-1.10	23.93	11.00
Mid	5580	19.35	-1.10	23.87	11.00
High	5700	19.45	-1.10	23.89	11.00
144	5720	14.85	-1.10	22.72	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.80	11.80	23.93	-12.13
Mid	5580	11.77	11.77	23.87	-12.10
High	5700	11.82	11.82	23.89	-12.07
144	5720	11.85	11.85	22.72	-10.87

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	6.978	6.978	11.00	-4.022
Mid	5580	6.801	6.801	11.00	-4.199
High	5700	7.028	7.028	11.00	-3.972
144	5720	7.090	7.090	11.00	-3.910



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.95	-1.10	24.00	11.00
Mid	5580	20.70	-1.10	24.00	11.00
High	5700	20.85	-1.10	24.00	11.00
144	5720	15.50	-1.10	22.90	11.00

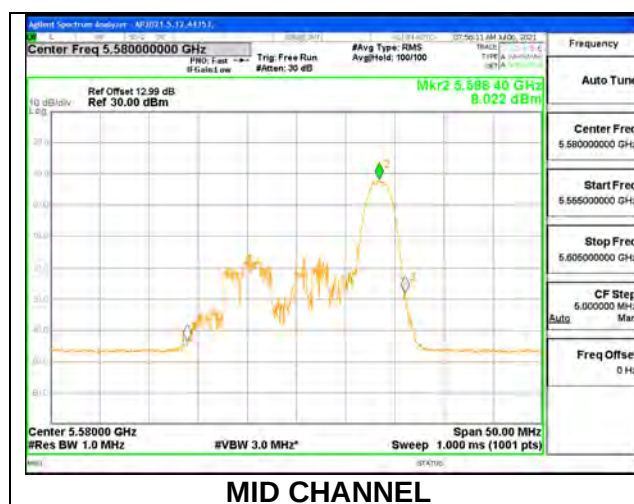
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.88	11.88	24.00	-12.12
Mid	5580	11.84	11.84	24.00	-12.16
High	5700	11.80	11.80	24.00	-12.20
144	5720	11.81	11.81	22.90	-11.09

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.077	8.077	11.00	-2.923
Mid	5580	8.022	8.022	11.00	-2.978
High	5700	7.959	7.959	11.00	-3.041
144	5720	7.921	7.921	11.00	-3.079



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	22.00	-1.10	24.00	11.00
Mid	5580	22.15	-1.10	24.00	11.00
High	5700	22.15	-1.10	24.00	11.00
144	5720	16.03	-1.10	23.05	11.00

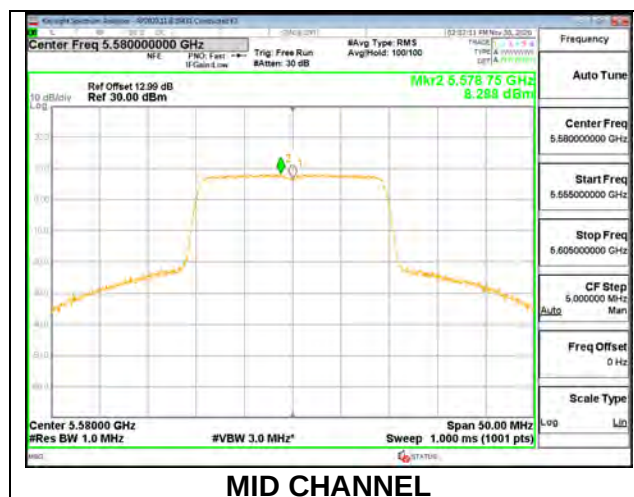
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.87	18.87	24.00	-5.13
Mid	5580	19.90	19.90	24.00	-4.10
High	5700	16.32	16.32	24.00	-7.68
144	5720	19.79	19.79	23.05	-3.26

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	7.287	7.287	11.00	-3.713
Mid	5580	8.288	8.288	11.00	-2.712
High	5700	4.868	4.868	11.00	-6.132
144	5720	8.135	8.135	11.00	-2.865



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.20	-2.14	0.79	24.00	11.00
Mid	5580	20.35	-2.14	0.79	24.00	11.00
High	5700	20.45	-2.14	0.79	24.00	11.00
144	5720	15.13	-2.14	0.79	22.80	11.00

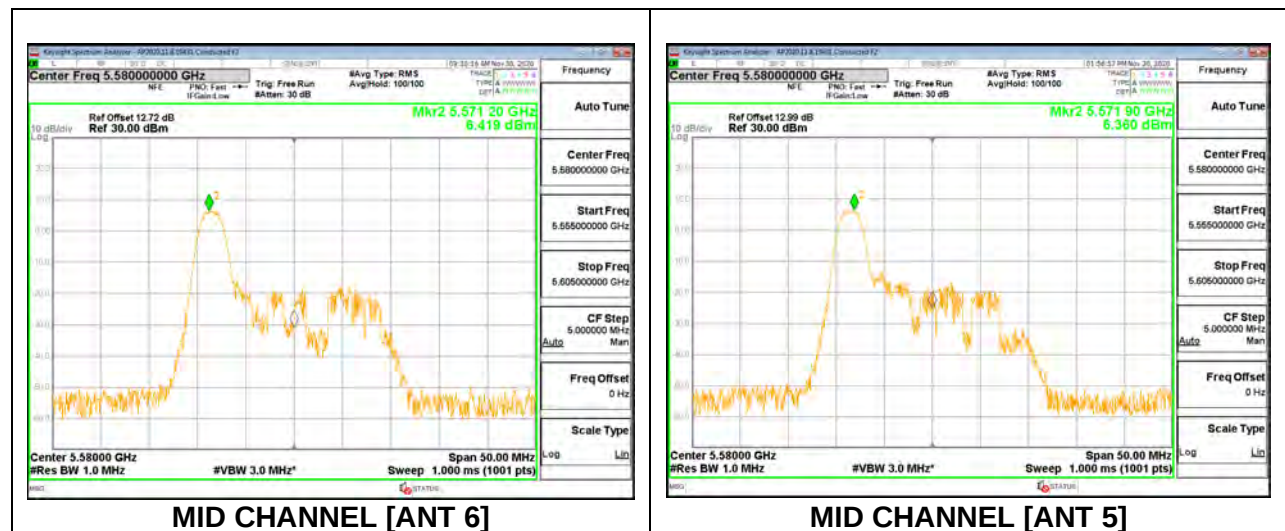
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.79	8.80	11.81	24.00	-12.19
Mid	5580	8.85	8.81	11.84	24.00	-12.16
High	5700	8.89	8.77	11.84	24.00	-12.16
144	5720	8.78	8.73	11.77	22.80	-11.03

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	5500	6.326	6.303	9.325	11.00	-1.675
Mid	5580	6.419	6.360	9.400	11.00	-1.600
High	5700	6.506	6.312	9.420	11.00	-1.580
144	5720	6.291	6.251	9.281	11.00	-1.719



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	18.30	-2.14	0.79	23.62	11.00
Mid	5580	18.00	-2.14	0.79	23.55	11.00
High	5700	18.35	-2.14	0.79	23.64	11.00
144	5720	14.23	-2.14	0.79	22.53	11.00

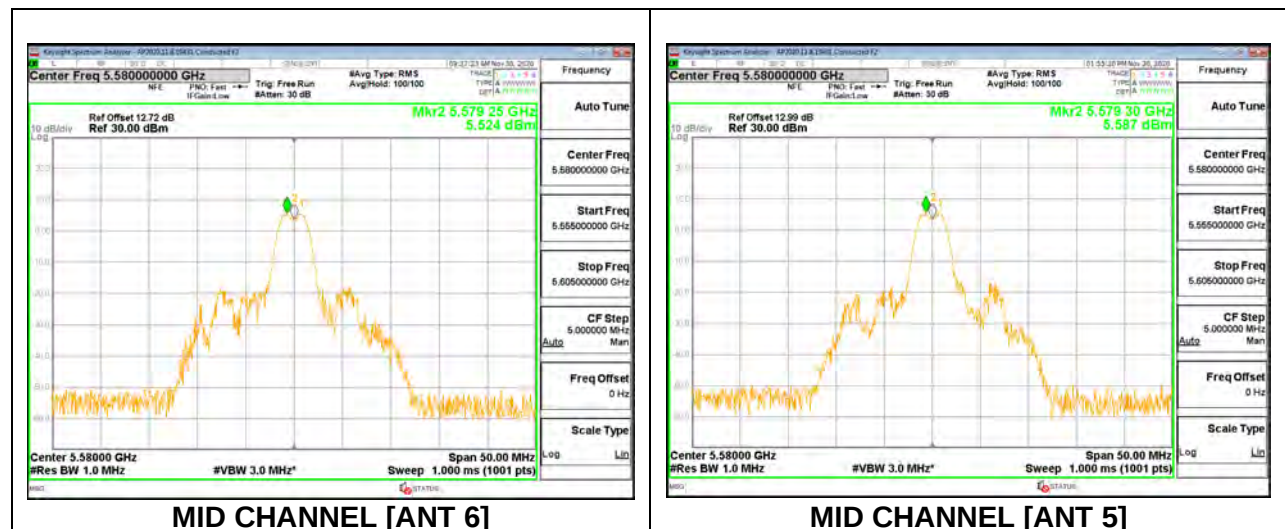
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.82	8.91	11.88	23.62	-11.75
Mid	5580	8.84	8.92	11.89	23.55	-11.66
High	5700	8.83	8.80	11.83	23.64	-11.81
144	5720	8.90	8.78	11.85	22.53	-10.68

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	5.436	5.566	8.512	11.00	-2.488
Mid	5580	5.524	5.587	8.566	11.00	-2.434
High	5700	5.490	5.498	8.504	11.00	-2.496
144	5720	5.581	5.493	8.548	11.00	-2.452



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

Test Engineer:	44353
Test Date:	7/9/2021

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	20.05	-2.14	0.79	24.00	11.00
Mid	5580	20.15	-2.14	0.79	24.00	11.00
High	5700	19.70	-2.14	0.79	23.94	11.00
144	5720	15.08	-2.14	0.79	22.78	11.00

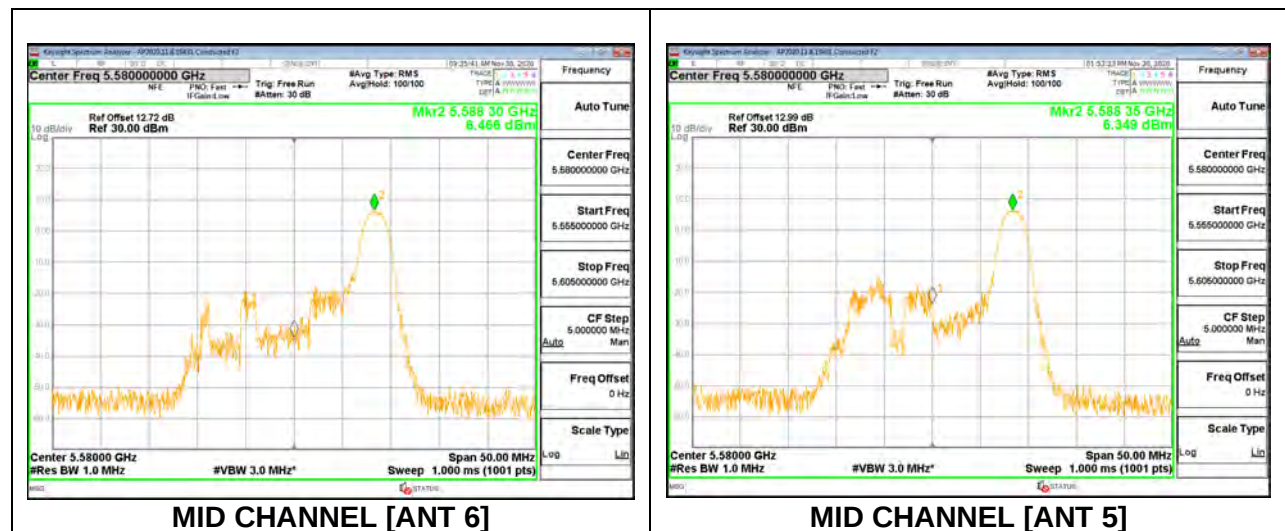
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.77	8.81	11.80	24.00	-12.20
Mid	5580	8.83	8.80	11.83	24.00	-12.17
High	5700	8.79	8.84	11.83	23.94	-12.12
144	5720	8.87	8.82	11.86	22.78	-10.93

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.337	6.392	9.375	11.00	-1.625
Mid	5580	6.466	6.349	9.418	11.00	-1.582
High	5700	6.355	6.413	9.394	11.00	-1.606
144	5720	6.524	6.407	9.476	11.00	-1.524



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.95	-2.14	0.79	24.00	11.00
Mid	5580	21.90	-2.14	0.79	24.00	11.00
High	5700	21.85	-2.14	0.79	24.00	11.00
144	5720	16.00	-2.14	0.79	23.04	11.00

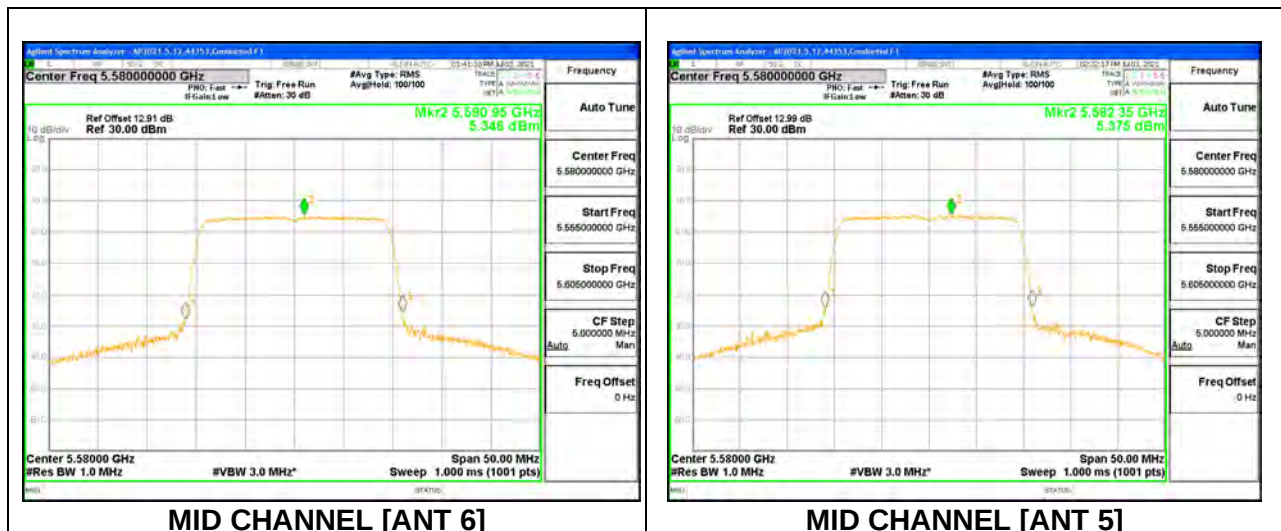
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	16.90	16.81	19.87	24.00	-4.13
Mid	5580	16.85	16.80	19.84	24.00	-4.16
High	5700	15.91	15.88	18.91	24.00	-5.09
144	5720	16.83	16.89	19.87	23.04	-3.17

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	5500	5.437	5.348	8.403	11.00	-2.597
Mid	5580	5.346	5.375	8.371	11.00	-2.629
High	5700	4.505	4.599	7.563	11.00	-3.437
144	5720	5.349	5.488	8.429	11.00	-2.571



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	20.30	-3.50	24.00	11.00
Mid	5550	20.20	-3.50	24.00	11.00
High	5670	20.60	-3.50	24.00	11.00
142	5710	20.40	-3.50	24.00	11.00

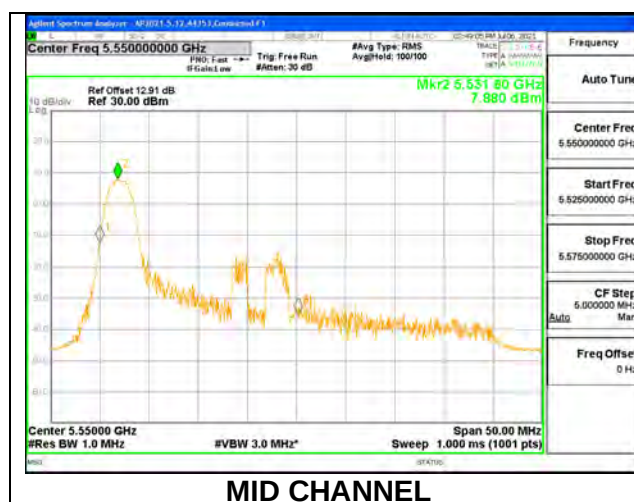
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.90	10.90	24.00	-13.10
Mid	5550	10.83	10.83	24.00	-13.17
High	5670	10.78	10.78	24.00	-13.22
142	5710	10.82	10.82	24.00	-13.18

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	5510	8.080	8.080	11.00	-2.920
Mid	5550	7.880	7.880	11.00	-3.120
High	5670	7.782	7.782	11.00	-3.218
142	5710	7.899	7.899	11.00	-3.101



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	22.00	-3.50	24.00	11.00
Mid	5550	22.70	-3.50	24.00	11.00
High	5670	22.90	-3.50	24.00	11.00
142	5710	22.60	-3.50	24.00	11.00

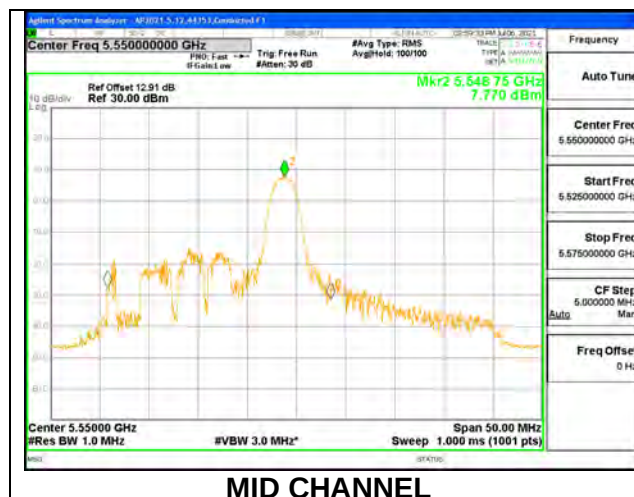
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.82	10.82	24.00	-13.18
Mid	5550	10.78	10.78	24.00	-13.22
High	5670	10.85	10.85	24.00	-13.15
142	5710	10.89	10.89	24.00	-13.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.833	7.833	11.00	-3.167
Mid	5550	7.770	7.770	11.00	-3.230
High	5670	7.946	7.946	11.00	-3.054
142	5710	8.008	8.008	11.00	-2.992



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	20.30	-3.50	24.00	11.00
Mid	5550	20.10	-3.50	24.00	11.00
High	5670	19.40	-3.50	23.88	11.00
142	5710	19.90	-3.50	23.99	11.00

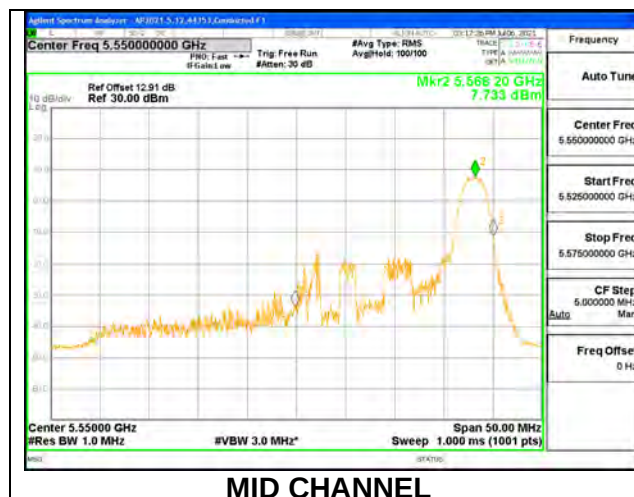
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.79	10.79	24.00	-13.21
Mid	5550	10.76	10.76	24.00	-13.24
High	5670	10.88	10.88	23.88	-13.00
142	5710	10.82	10.82	23.99	-13.17

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	7.785	7.785	11.00	-3.215
Mid	5550	7.733	7.733	11.00	-3.267
High	5670	8.071	8.071	11.00	-2.929
142	5710	7.863	7.863	11.00	-3.137



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

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	41.20	-3.50	24.00	11.00
Mid	5550	41.10	-3.50	24.00	11.00
High	5670	40.80	-3.50	24.00	11.00
142	5710	40.90	-3.50	24.00	11.00

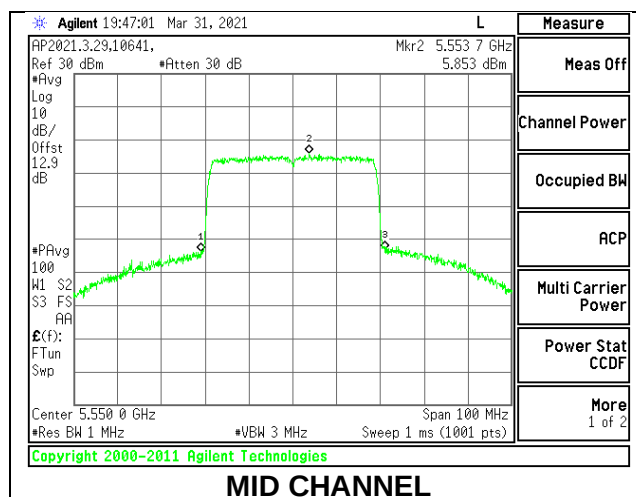
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.78	15.78	24.00	-8.22
Mid	5550	20.44	20.44	24.00	-3.56
High	5670	18.78	18.78	24.00	-5.22
142	5710	20.41	20.41	24.00	-3.59

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	1.520	1.520	11.00	-9.480
Mid	5550	5.853	5.853	11.00	-5.147
High	5670	4.434	4.434	11.00	-6.566
142	5710	5.542	5.542	11.00	-5.458



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	19.60	-1.10	23.92	11.00
Mid	5550	20.30	-1.10	24.00	11.00
High	5670	20.00	-1.10	24.00	11.00
142	5710	20.10	-1.10	24.00	11.00

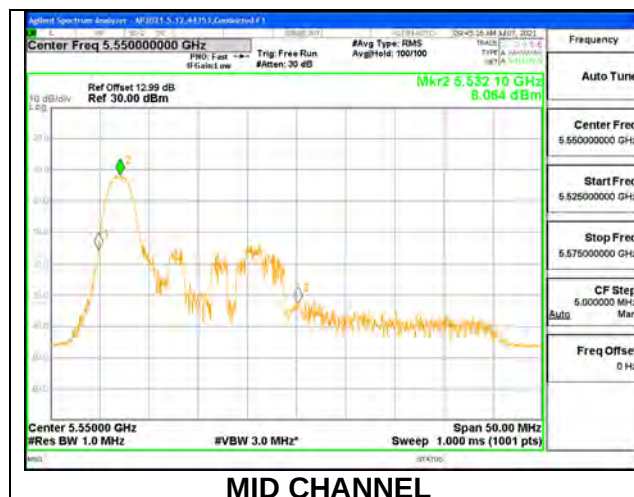
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.80	10.80	23.92	-13.12
Mid	5550	10.91	10.91	24.00	-13.09
High	5670	10.78	10.78	24.00	-13.22
142	5710	10.84	10.84	24.00	-13.16

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	7.832	7.832	11.00	-3.168
Mid	5550	8.064	8.064	11.00	-2.936
High	5670	7.728	7.728	11.00	-3.272
142	5710	7.978	7.978	11.00	-3.022



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	22.20	-1.10	24.00	11.00
Mid	5550	23.00	-1.10	24.00	11.00
High	5670	22.20	-1.10	24.00	11.00
142	5710	22.90	-1.10	24.00	11.00

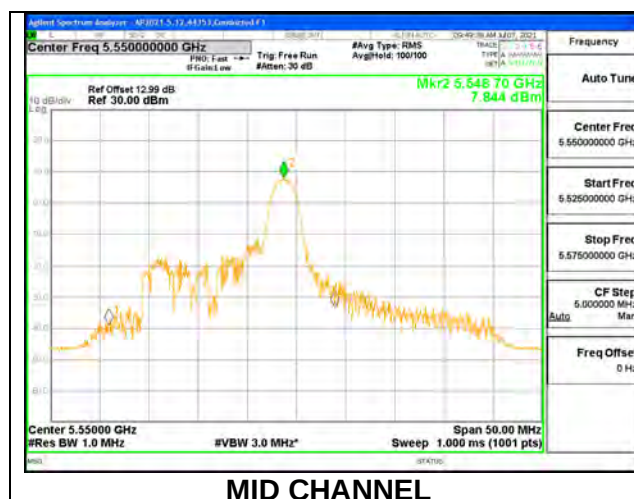
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.80	10.80	24.00	-13.20
Mid	5550	10.82	10.82	24.00	-13.18
High	5670	10.88	10.88	24.00	-13.12
142	5710	10.76	10.76	24.00	-13.24

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.841	7.841	11.00	-3.159
Mid	5550	7.844	7.844	11.00	-3.156
High	5670	8.064	8.064	11.00	-2.936
142	5710	7.768	7.768	11.00	-3.232



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	18.90	-1.10	23.76	11.00
Mid	5550	20.30	-1.10	24.00	11.00
High	5670	20.10	-1.10	24.00	11.00
142	5710	20.10	-1.10	24.00	11.00

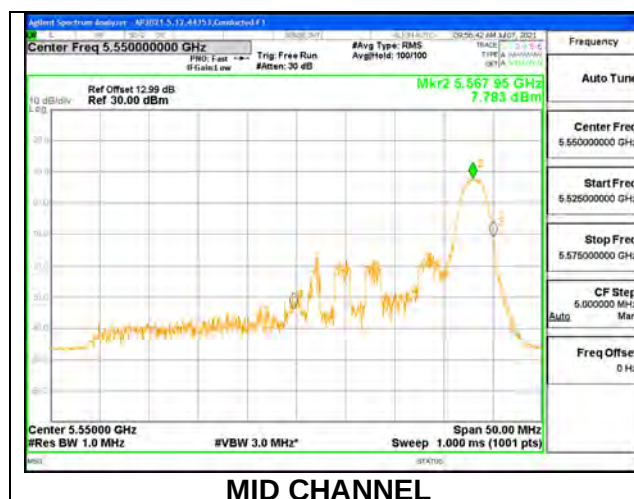
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.82	10.82	23.76	-12.94
Mid	5550	10.77	10.77	24.00	-13.23
High	5670	10.83	10.83	24.00	-13.17
142	5710	10.79	10.79	24.00	-13.21

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	7.896	7.896	11.00	-3.104
Mid	5550	7.783	7.783	11.00	-3.217
High	5670	7.870	7.870	11.00	-3.130
142	5710	7.834	7.834	11.00	-3.166



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

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	41.10	-1.10	24.00	11.00
Mid	5550	41.10	-1.10	24.00	11.00
High	5670	40.90	-1.10	24.00	11.00
142	5710	41.00	-1.10	24.00	11.00

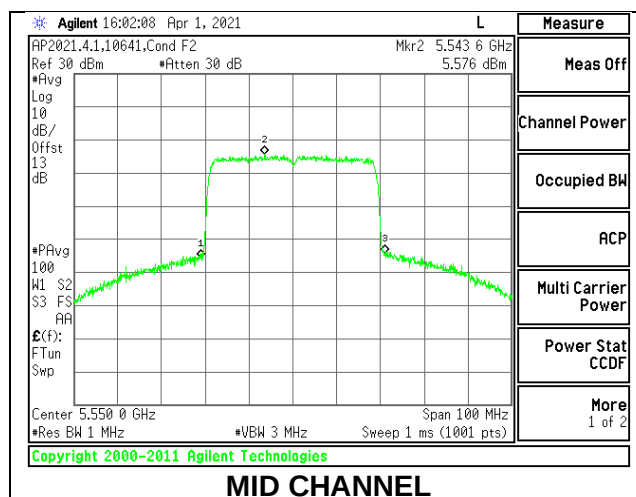
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.89	15.89	24.00	-8.11
Mid	5550	20.40	20.40	24.00	-3.60
High	5670	18.78	18.78	24.00	-5.22
142	5710	20.36	20.36	24.00	-3.64

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	1.534	1.534	11.00	-9.466
Mid	5550	5.576	5.576	11.00	-5.424
High	5670	4.265	4.265	11.00	-6.735
142	5710	5.457	5.457	11.00	-5.543



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

Test Engineer:	44353
Test Date:	7/9/2021

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	18.90	-2.14	0.79	23.76	11.00
Mid	5550	19.30	-2.14	0.79	23.86	11.00
High	5670	19.80	-2.14	0.79	23.97	11.00
142	5710	19.40	-2.14	0.79	23.88	11.00

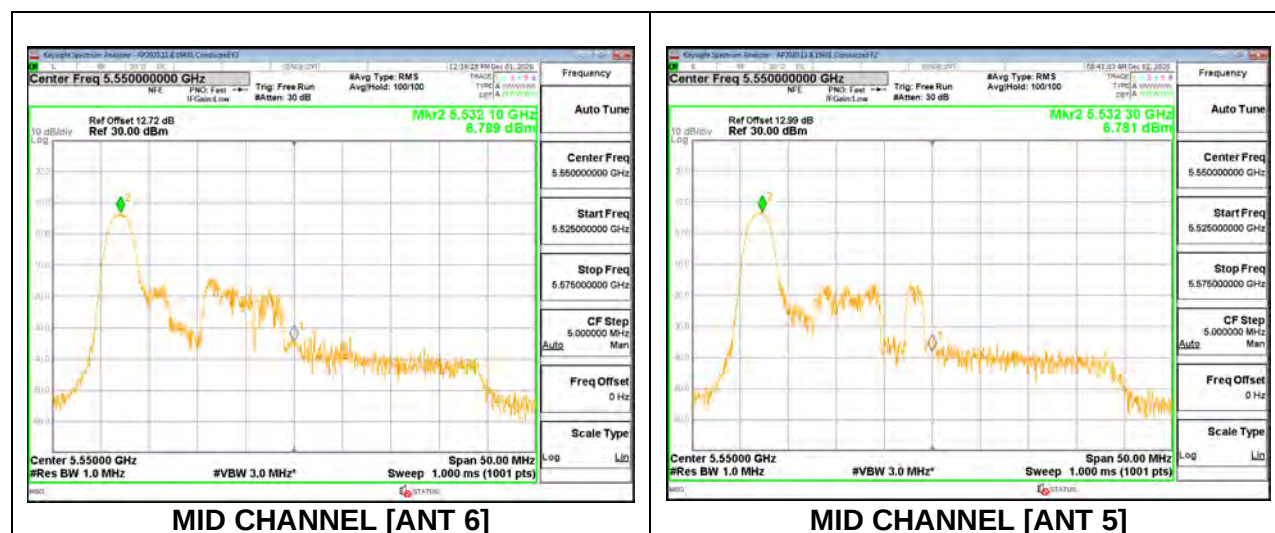
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.92	8.82	11.88	23.76	-11.88
Mid	5550	8.90	8.91	11.92	23.86	-11.94
High	5670	8.83	8.88	11.87	23.97	-12.10
142	5710	8.85	8.79	11.83	23.88	-12.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.729	6.695	9.722	11.00	-1.28
Mid	5550	6.789	6.781	9.795	11.00	-1.20
High	5670	6.685	6.716	9.711	11.00	-1.29
142	5710	6.765	6.791	9.788	11.00	-1.21



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	21.70	-2.14	0.79	24.00	11.00
Mid	5550	22.40	-2.14	0.79	24.00	11.00
High	5670	21.80	-2.14	0.79	24.00	11.00
142	5710	22.70	-2.14	0.79	24.00	11.00

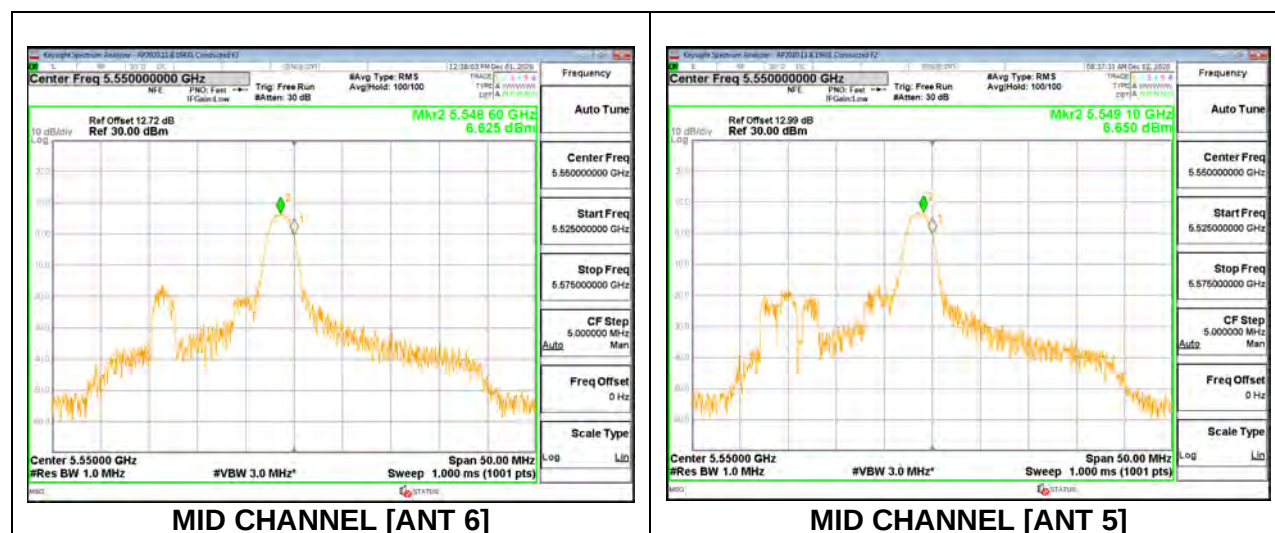
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.87	8.86	11.88	24.00	-12.12
Mid	5550	8.85	8.90	11.89	24.00	-12.11
High	5670	8.80	8.32	11.58	24.00	-12.42
142	5710	8.82	8.79	11.82	24.00	-12.18

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.623	6.569	9.606	11.00	-1.39
Mid	5550	6.625	6.650	9.648	11.00	-1.35
High	5670	6.503	6.516	9.520	11.00	-1.48
142	5710	6.524	6.407	9.476	11.00	-1.52



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

Test Engineer:	44353
Test Date:	7/9/2021

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	18.90	-2.14	0.79	23.76	11.00
Mid	5550	18.90	-2.14	0.79	23.76	11.00
High	5670	19.10	-2.14	0.79	23.81	11.00
142	5710	19.20	-2.14	0.79	23.83	11.00

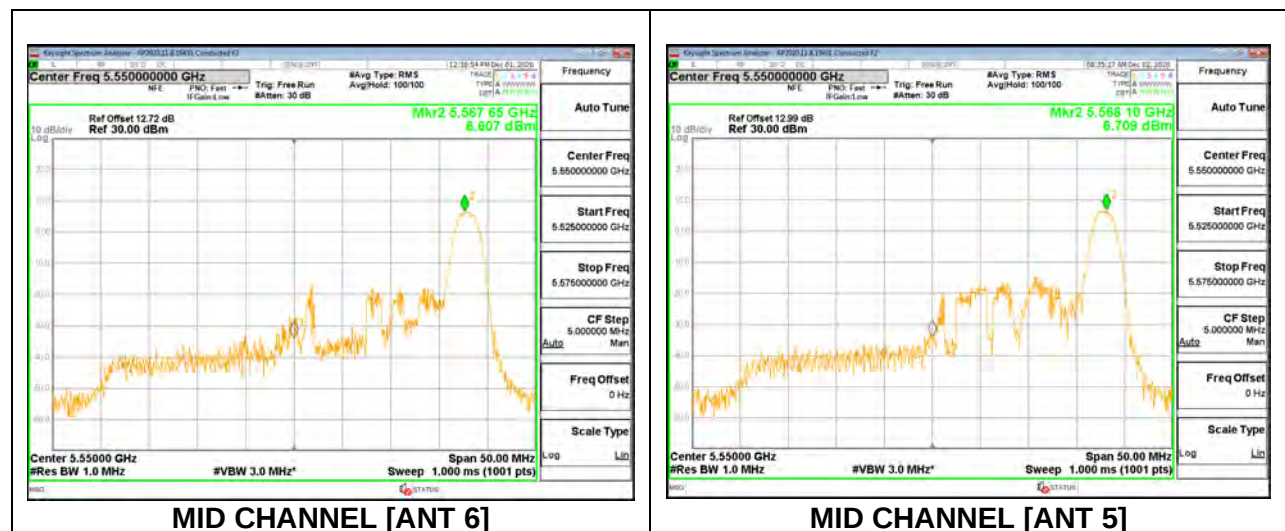
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.91	8.92	11.93	23.76	-11.84
Mid	5550	8.82	8.90	11.87	23.76	-11.89
High	5670	8.80	8.93	11.88	23.81	-11.93
142	5710	8.92	8.84	11.89	23.83	-11.94

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	6.701	6.712	9.717	11.00	-1.28
Mid	5550	6.607	6.709	9.669	11.00	-1.33
High	5670	6.643	6.740	9.702	11.00	-1.30
142	5710	6.737	6.677	9.717	11.00	-1.28



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

Test Engineer:	44353
Test Date:	7/9/2021

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	40.80	-2.14	0.79	24.00	11.00
Mid	5550	40.80	-2.14	0.79	24.00	11.00
High	5670	40.70	-2.14	0.79	24.00	11.00
142	5710	40.90	-2.14	0.79	24.00	11.00

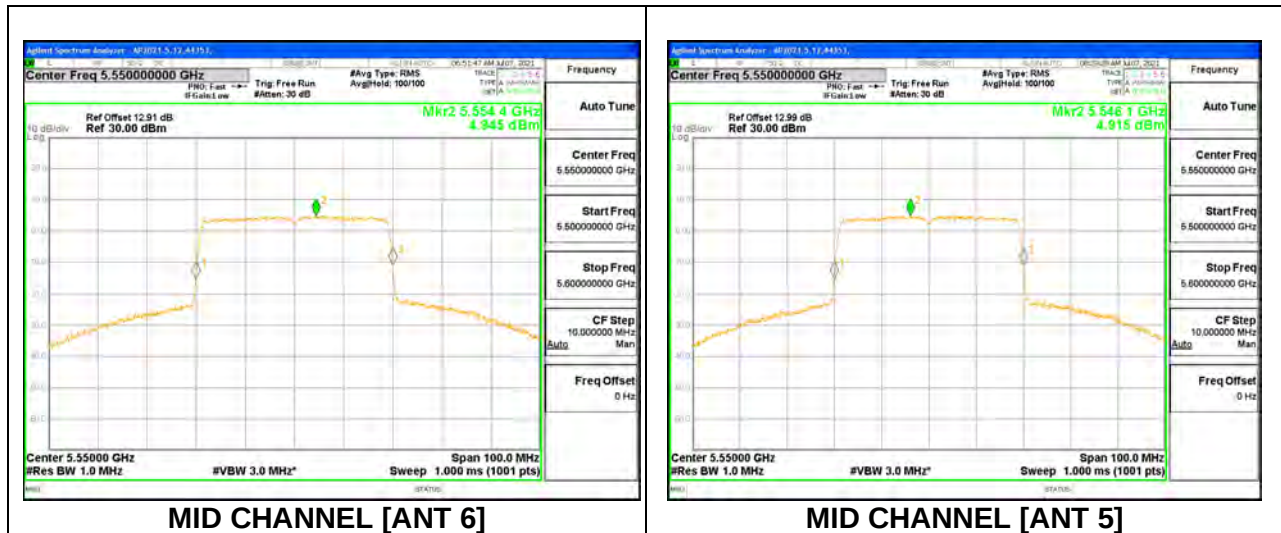
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	15.29	15.31	18.31	24.00	-5.69
Mid	5550	19.32	19.33	22.34	24.00	-1.66
High	5670	18.37	18.40	21.40	24.00	-2.60
142	5710	19.44	19.42	22.44	24.00	-1.56

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	5510	0.809	0.901	3.866	11.00	-7.13
Mid	5550	4.945	4.915	7.940	11.00	-3.06
High	5670	3.909	4.019	6.975	11.00	-4.03
142	5710	5.255	5.240	8.258	11.00	-2.74



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.80	-3.50	23.97	11.00
High	5610	19.60	-3.50	23.92	11.00
138	5690	20.20	-3.50	24.00	11.00

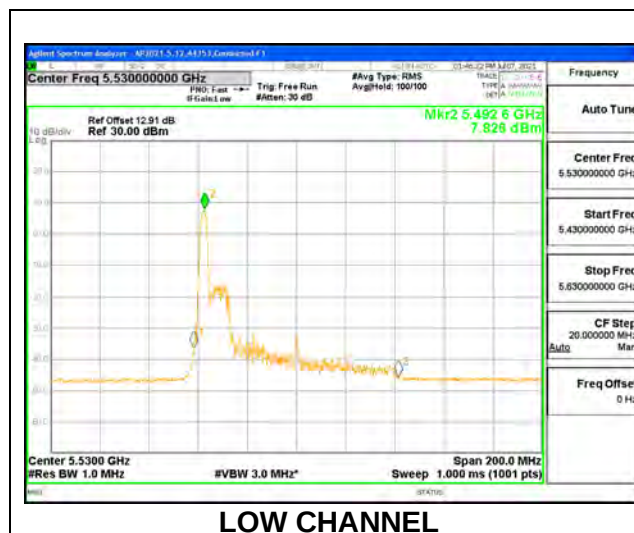
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.76	11.76	23.97	-12.21
High	5610	11.87	11.87	23.92	-12.05
138	5690	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.826	7.826	11.00	-3.174
High	5610	8.044	8.044	11.00	-2.956
138	5690	7.899	7.899	11.00	-3.101



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	40.00	-3.50	24.00	11.00
High	5610	40.00	-3.50	24.00	11.00
138	5690	40.80	-3.50	24.00	11.00

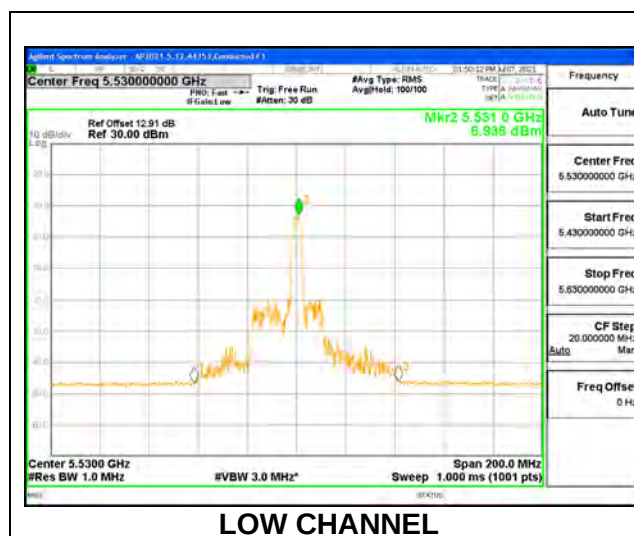
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.79	11.79	24.00	-12.21
High	5610	11.86	11.86	24.00	-12.14
138	5690	11.81	11.81	24.00	-12.19

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	6.936	6.936	11.00	-4.064
High	5610	7.047	7.047	11.00	-3.953
138	5690	6.960	6.960	11.00	-4.040



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.20	-3.50	24.00	11.00
High	5610	21.00	-3.50	24.00	11.00
138	5690	21.00	-3.50	24.00	11.00

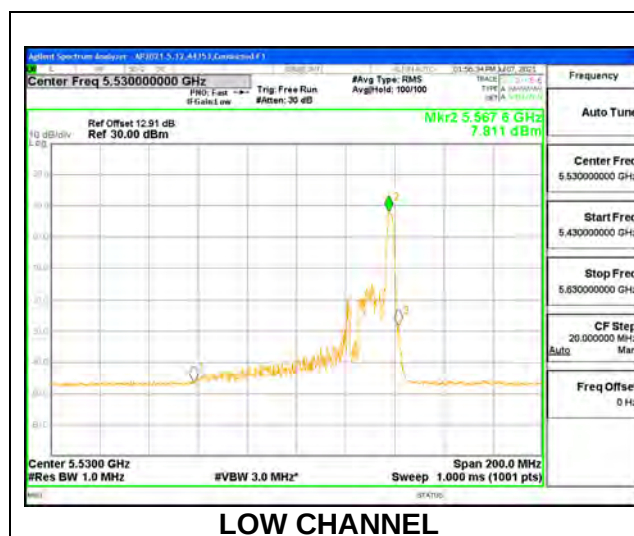
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.80	11.80	24.00	-12.20
High	5610	11.83	11.83	24.00	-12.17
138	5690	11.84	11.84	24.00	-12.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.811	7.811	11.00	-3.189
High	5610	7.911	7.911	11.00	-3.089
138	5690	7.930	7.930	11.00	-3.070



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	83.00	-3.50	24.00	11.00
High	5610	83.40	-3.50	24.00	11.00
138	5690	83.20	-3.50	24.00	11.00

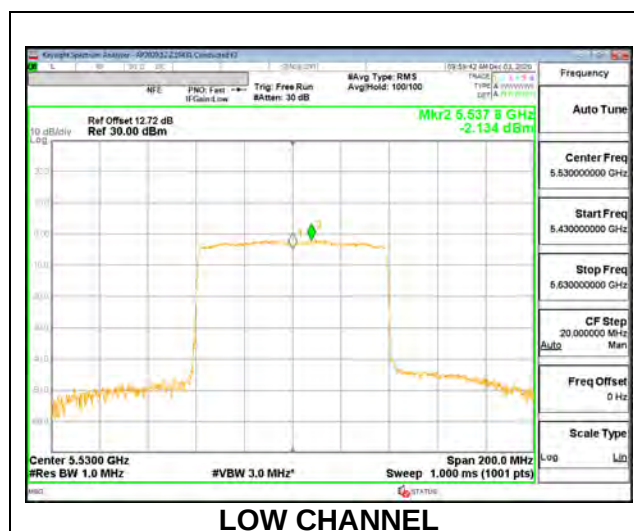
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.76	15.76	24.00	-8.24
High	5610	21.35	21.35	24.00	-2.65
138	5690	21.28	21.28	24.00	-2.72

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-2.134	-2.134	11.00	-13.134
High	5610	2.566	2.566	11.00	-8.434
138	5690	2.426	2.426	11.00	-8.574



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	20.20	-1.10	24.00	11.00
High	5610	19.80	-1.10	23.97	11.00
138	5690	19.80	-1.10	23.97	11.00

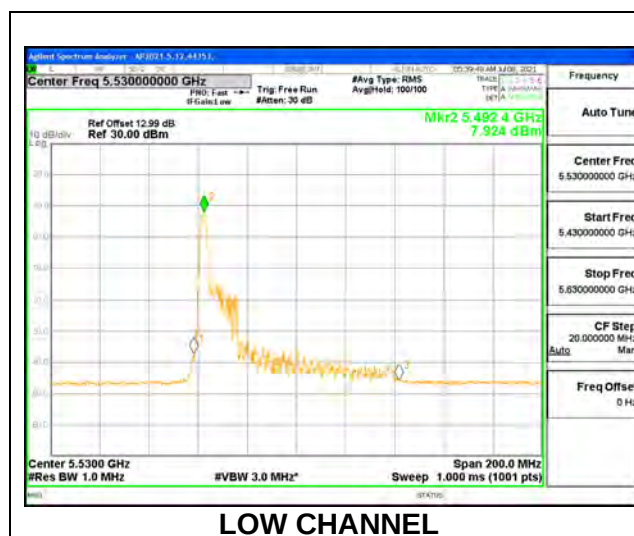
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.82	11.82	24.00	-12.18
High	5610	11.80	11.80	23.97	-12.17
138	5690	11.88	11.88	23.97	-12.09

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.92	7.924	11.00	-3.076
High	5610	7.87	7.874	11.00	-3.126
138	5690	8.05	8.048	11.00	-2.952



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	40.80	-1.10	24.00	11.00
High	5610	39.80	-1.10	24.00	11.00
138	5690	41.00	-1.10	24.00	11.00

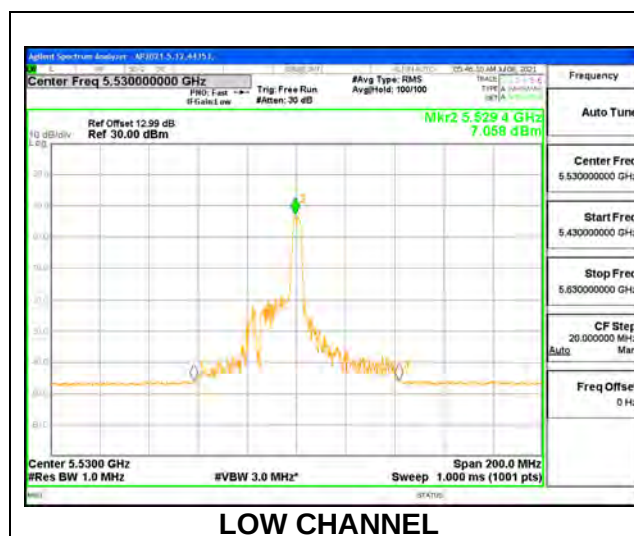
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.87	11.87	24.00	-12.13
High	5610	11.78	11.78	24.00	-12.22
138	5690	11.82	11.82	24.00	-12.18

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.058	7.058	11.00	-3.942
High	5610	6.935	6.935	11.00	-4.065
138	5690	7.036	7.036	11.00	-3.964



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

Test Engineer:	44353
Test Date:	7/9/2021

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	21.00	-1.10	24.00	11.00
High	5610	19.60	-1.10	23.92	11.00
138	5690	21.60	-1.10	24.00	11.00

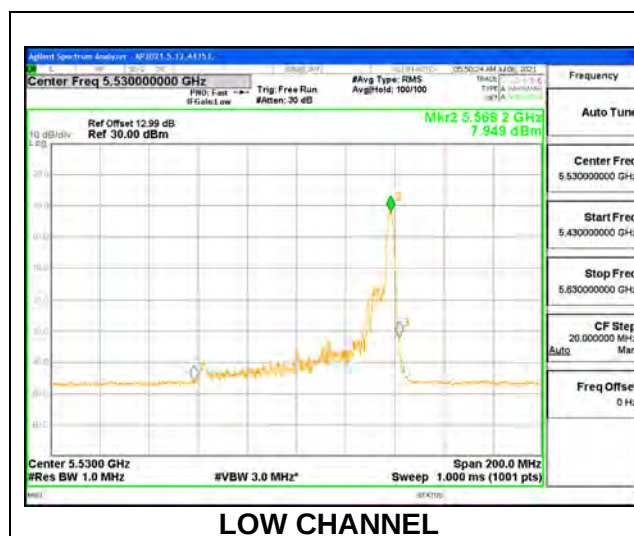
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.80	11.80	24.00	-12.20
High	5610	11.89	11.89	23.92	-12.03
138	5690	11.87	11.87	24.00	-12.13

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.949	7.949	11.00	-3.051
High	5610	8.048	8.048	11.00	-2.952
138	5690	8.090	8.090	11.00	-2.910



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	83.20	-1.10	24.00	11.00
High	5610	82.80	-1.10	24.00	11.00
138	5690	83.40	-1.10	24.00	11.00

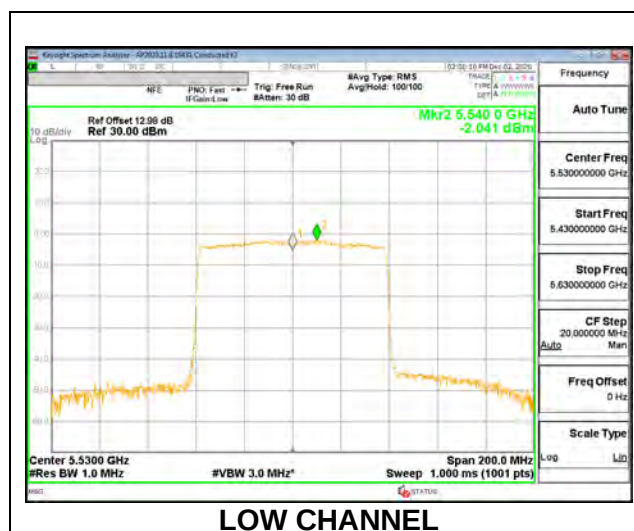
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.74	15.74	24.00	-8.26
High	5610	21.24	21.24	24.00	-2.76
138	5690	21.28	21.28	24.00	-2.72

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-2.041	-2.041	11.00	-13.041
High	5610	2.684	2.684	11.00	-8.316
138	5690	2.732	2.732	11.00	-8.268



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.80	-2.14	0.79	23.97	11.00
High	5610	19.80	-2.14	0.79	23.97	11.00
138	5690	19.40	-2.14	0.79	23.88	11.00

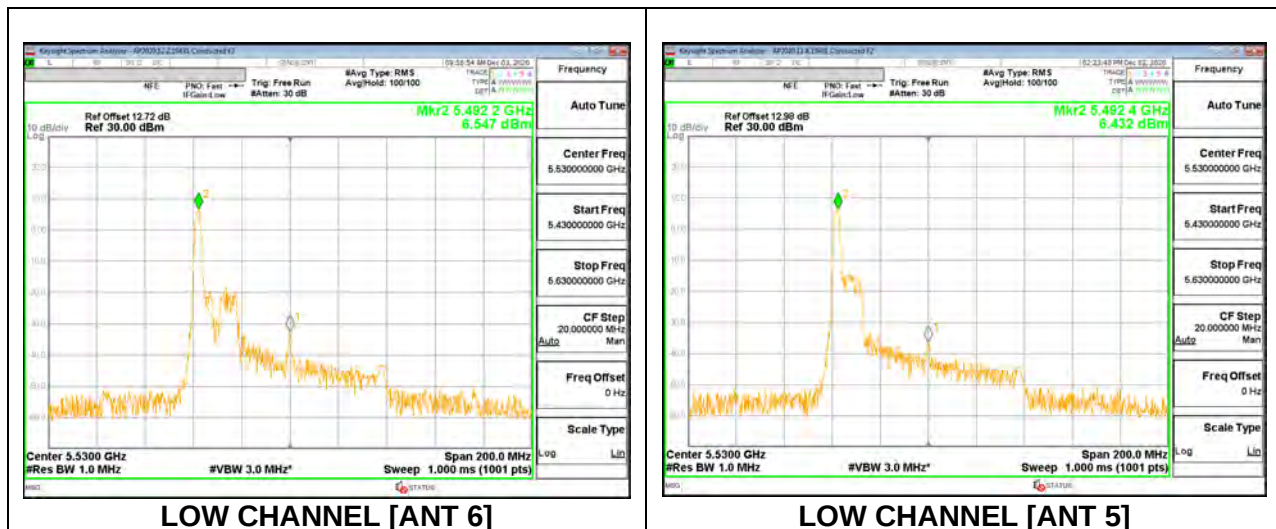
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.82	8.79	11.82	23.97	-12.15
High	5610	8.86	8.91	11.90	23.97	-12.07
138	5690	8.75	8.88	11.83	23.88	-12.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	6.547	6.432	9.500	11.00	-1.500
High	5610	6.539	6.628	9.594	11.00	-1.406
138	5690	6.309	6.503	9.417	11.00	-1.583



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

Test Engineer:	44353
Test Date:	7/9/2021

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	37.80	-2.14	0.79	24.00	11.00
High	5610	37.80	-2.14	0.79	24.00	11.00
138	5690	38.20	-2.14	0.79	24.00	11.00

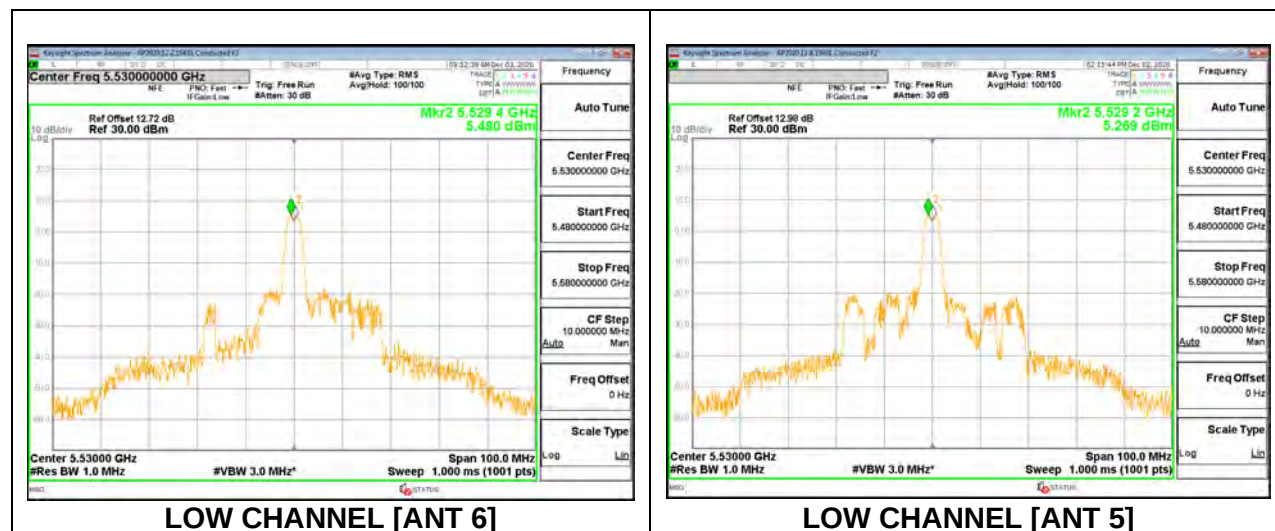
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.92	8.76	11.85	24.00	-12.15
High	5610	8.89	8.79	11.85	24.00	-12.15
138	5690	8.73	8.77	11.76	24.00	-12.24

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	5.480	5.269	8.386	11.00	-2.614
High	5610	5.408	5.312	8.371	11.00	-2.629
138	5690	5.144	5.284	8.225	11.00	-2.775



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

Test Engineer:	44353
Test Date:	7/9/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.40	-2.14	0.79	23.88	11.00
High	5610	19.80	-2.14	0.79	23.97	11.00
138	5690	19.80	-2.14	0.79	23.97	11.00

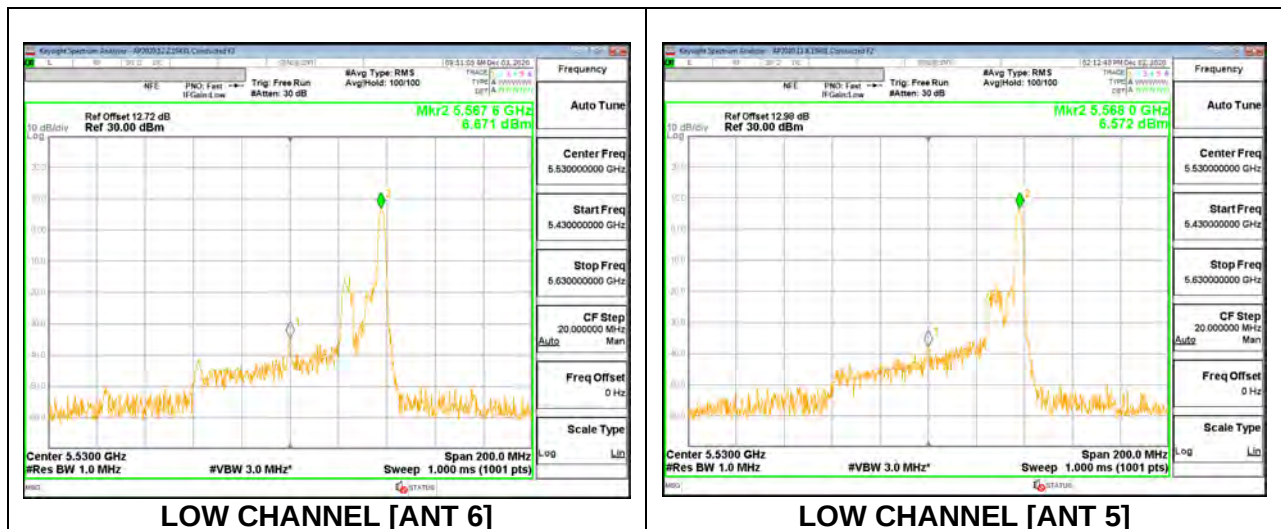
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.92	8.84	11.89	23.88	-11.99
High	5610	8.90	8.87	11.90	23.97	-12.07
138	5690	8.81	8.85	11.84	23.97	-12.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	6.671	6.572	9.632	11.00	-1.368
High	5610	6.686	6.616	9.661	11.00	-1.339
138	5690	6.454	6.545	9.510	11.00	-1.490



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

Test Engineer:	44353
Test Date:	7/9/2021

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	83.00	-2.14	0.79	24.00	11.00
High	5610	82.80	-2.14	0.79	24.00	11.00
138	5690	83.00	-2.14	0.79	24.00	11.00

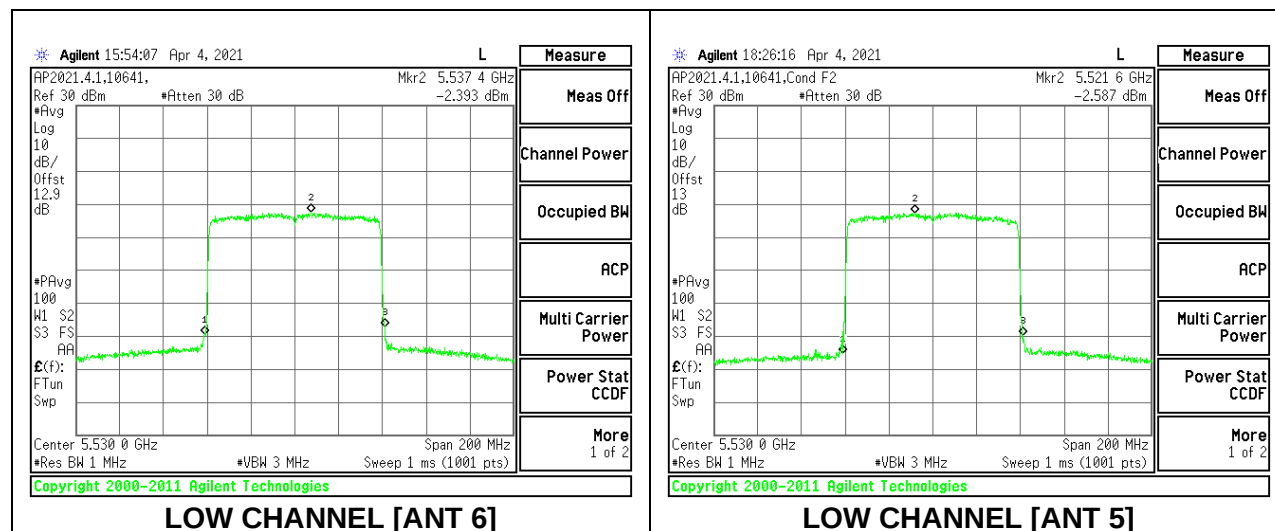
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.87	14.76	17.83	24.00	-6.17
High	5610	19.90	19.78	22.85	24.00	-1.15
138	5690	19.94	19.83	22.90	24.00	-1.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-2.393	-2.587	0.521	11.00	-10.479
High	5610	2.504	2.287	5.407	11.00	-5.593
138	5690	2.580	2.371	5.487	11.00	-5.513



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.20	30.00	30.00
Mid	5785	-1.20	30.00	30.00
High	5825	-1.20	30.00	30.00

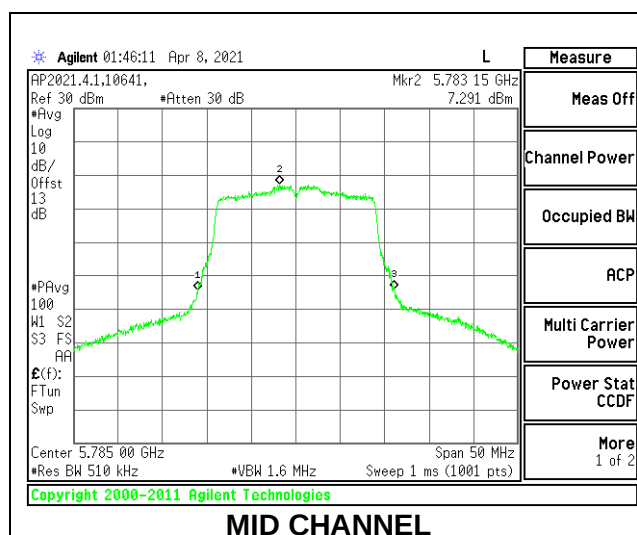
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.390	21.390	30.00	-8.61
Mid	5785	21.480	21.480	30.00	-8.52
High	5825	21.420	21.420	30.00	-8.58

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.087	7.087	30.00	-22.91
Mid	5785	7.291	7.291	30.00	-22.71
High	5825	7.135	7.135	30.00	-22.87



1TX Antenna 5 MODE (FCC+IC)

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.30	30.00	30.00
Mid	5785	-1.30	30.00	30.00
High	5825	-1.30	30.00	30.00

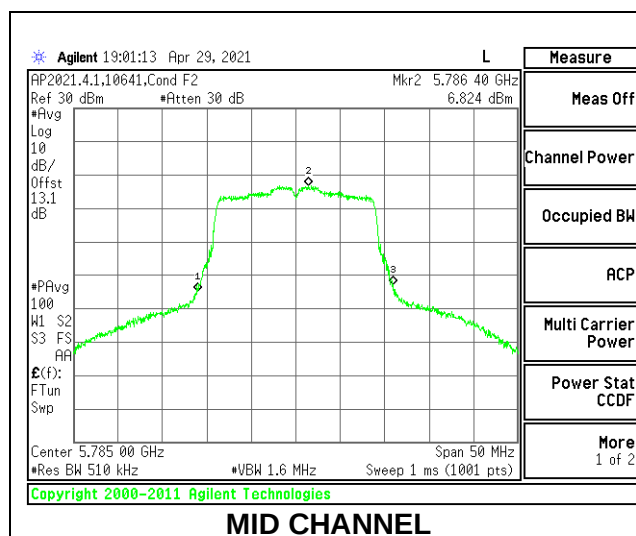
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.420	21.420	30.00	-8.58
Mid	5785	21.340	21.340	30.00	-8.66
High	5825	21.390	21.390	30.00	-8.61

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.961	6.961	30.00	-23.04
Mid	5785	6.824	6.824	30.00	-23.18
High	5825	6.914	6.914	30.00	-23.09



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.25	1.76	30.00	30.00
Mid	5785	-1.25	1.76	30.00	30.00
High	5825	-1.25	1.76	30.00	30.00

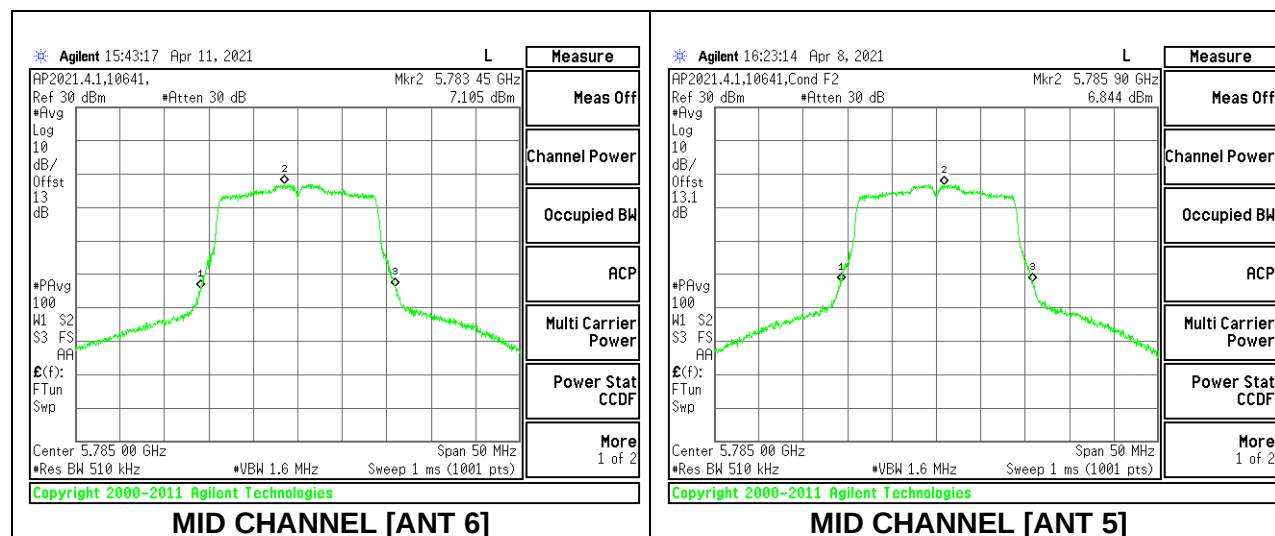
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.50	21.37	24.45	30.00	-5.55
Mid	5785	21.48	21.45	24.48	30.00	-5.52
High	5825	21.46	21.44	24.46	30.00	-5.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.064	6.761	9.925	30.00	-20.075
Mid	5785	7.105	6.844	9.987	30.00	-20.013
High	5825	6.906	6.971	9.949	30.00	-20.051



9.4.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND**1TX Antenna 6 MODE (FCC+IC)**

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.20	30.00	30.00
High	5795	-1.20	30.00	30.00

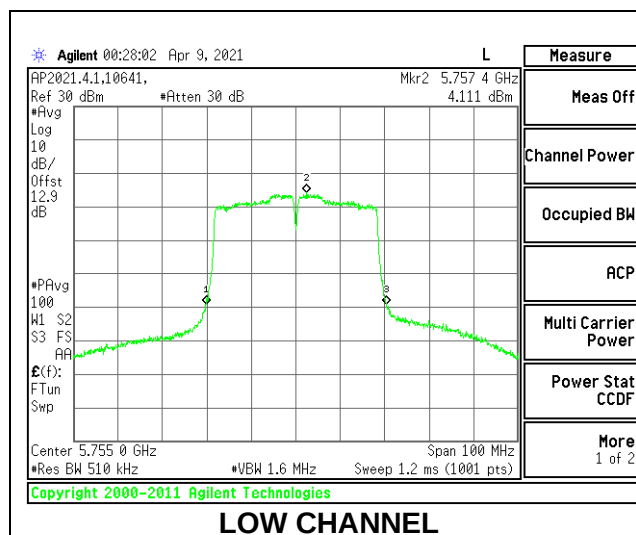
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.340	20.340	30.00	-9.66
High	5795	20.420	20.420	30.00	-9.58

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.111	4.201	30.00	-25.80
High	5795	4.206	4.296	30.00	-25.70



1TX Antenna 5 MODE (FCC+IC)

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.30	30.00	30.00
High	5795	-1.30	30.00	30.00

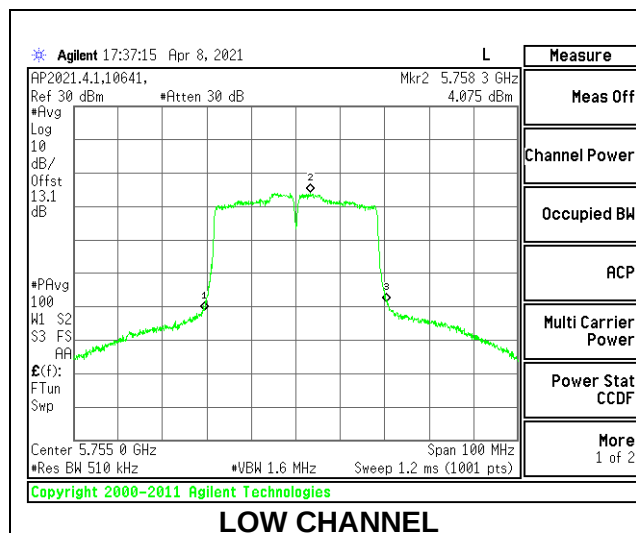
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.390	20.390	30.00	-9.61
High	5795	20.440	20.440	30.00	-9.56

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.075	4.165	30.00	-25.84
High	5795	4.330	4.420	30.00	-25.58



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.25	1.76	30.00	30.00
High	5795	-1.25	1.76	30.00	30.00

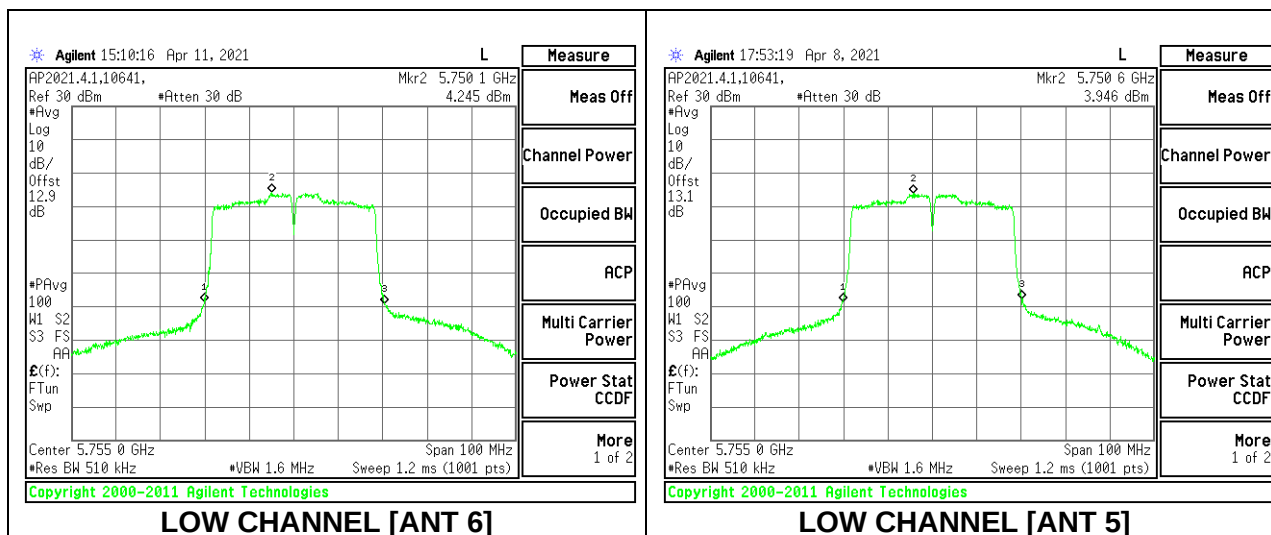
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.43	20.30	23.38	30.00	-6.62
High	5795	20.34	20.42	23.39	30.00	-6.61

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.245	3.946	7.198	30.00	-22.802
High	5795	3.945	3.984	7.065	30.00	-22.935



9.4.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND**1TX Antenna 6 MODE (FCC+IC)**

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.20	30.00	30.00

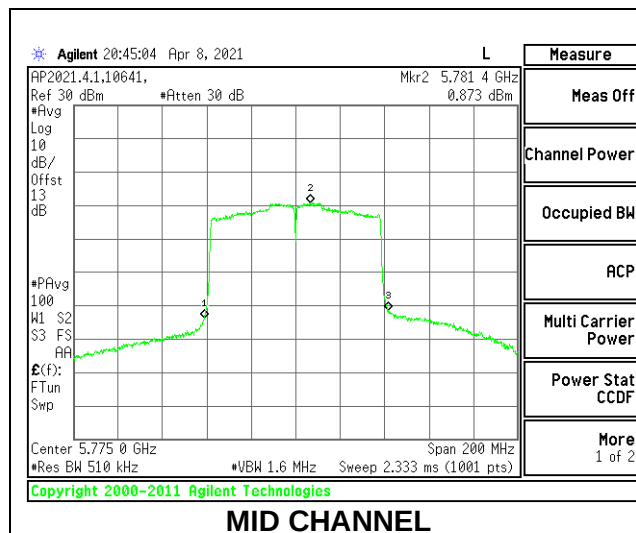
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.30	21.30	30.00	-8.70

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	0.873	1.053	30.00	-28.95



1TX Antenna 5 MODE (FCC+IC)

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.30	30.00	30.00

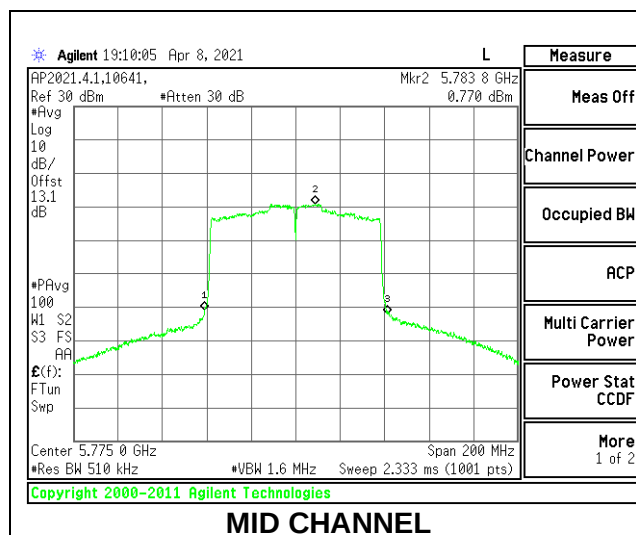
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.29	21.29	30.00	-8.71

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	0.770	0.950	30.00	-29.05



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.25	1.76	30.00	30.00

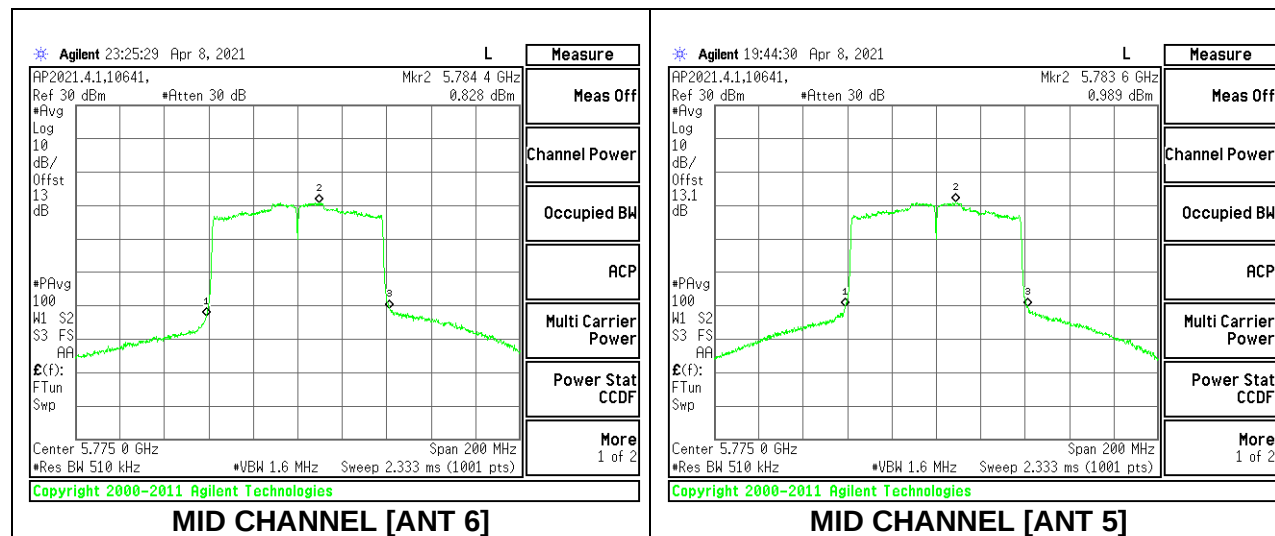
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.30	20.38	23.35	30.00	-6.65

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	0.828	0.989	4.100	30.00	-25.900



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.20	30.00	30.00
Mid	5785	-1.20	30.00	30.00
High	5825	-1.20	30.00	30.00

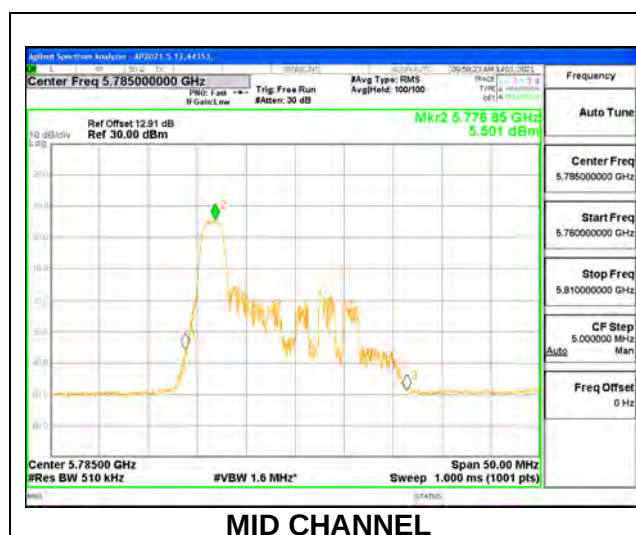
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.90	11.90	30.00	-18.10
Mid	5785	11.84	11.84	30.00	-18.16
High	5825	11.79	11.79	30.00	-18.21

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.617	5.617	30.00	-24.38
Mid	5785	5.501	5.501	30.00	-24.50
High	5825	5.453	5.453	30.00	-24.55



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.20	30.00	30.00
Mid	5785	-1.20	30.00	30.00
High	5825	-1.20	30.00	30.00

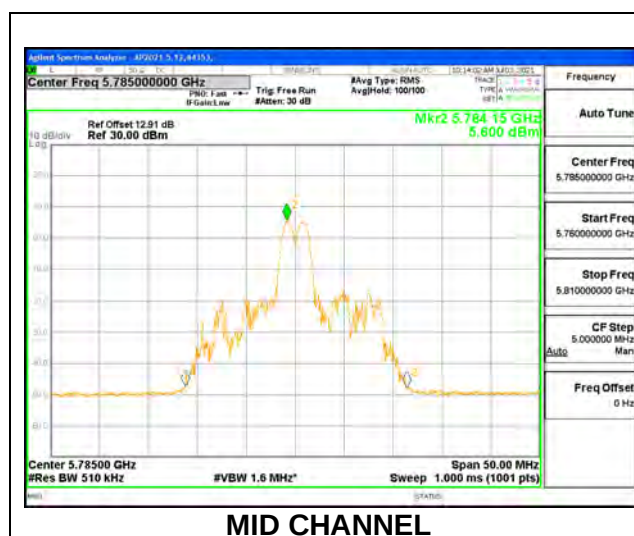
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.88	11.88	30.00	-18.12
Mid	5785	11.91	11.91	30.00	-18.09
High	5825	11.86	11.86	30.00	-18.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.523	5.523	30.00	-24.48
Mid	5785	5.600	5.600	30.00	-24.40
High	5825	5.411	5.411	30.00	-24.59



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.20	30.00	30.00
Mid	5785	-1.20	30.00	30.00
High	5825	-1.20	30.00	30.00

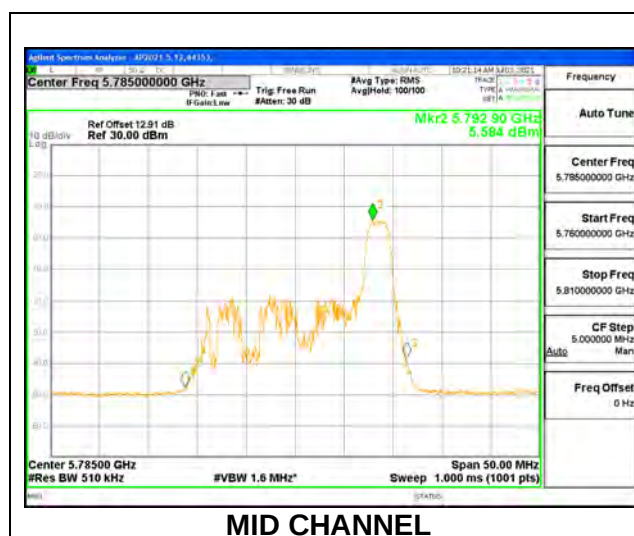
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.88	11.88	30.00	-18.12
Mid	5785	11.87	11.87	30.00	-18.13
High	5825	11.79	11.79	30.00	-18.21

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.490	5.490	30.00	-24.51
Mid	5785	5.584	5.584	30.00	-24.42
High	5825	5.421	5.421	30.00	-24.58



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.20	30.00	30.00
Mid	5785	-1.20	30.00	30.00
High	5825	-1.20	30.00	30.00

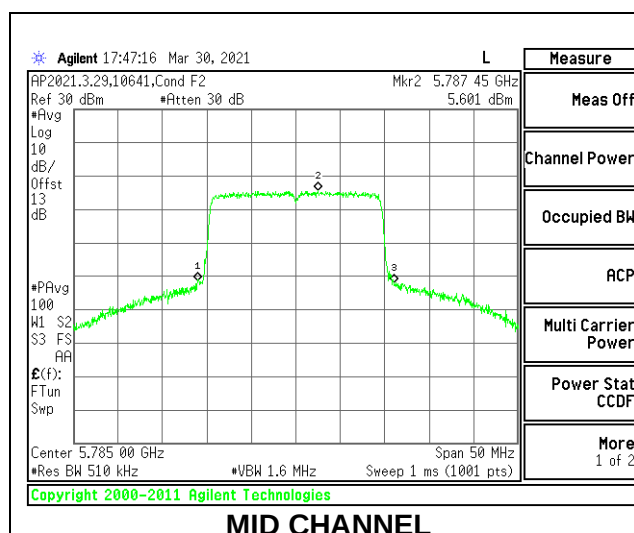
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.36	21.36	30.00	-8.64
Mid	5785	21.43	21.43	30.00	-8.57
High	5825	21.50	21.50	30.00	-8.50

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.484	5.484	30.00	-24.52
Mid	5785	5.601	5.601	30.00	-24.40
High	5825	5.811	5.811	30.00	-24.19



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.30	30.00	30.00
Mid	5785	-1.30	30.00	30.00
High	5825	-1.30	30.00	30.00

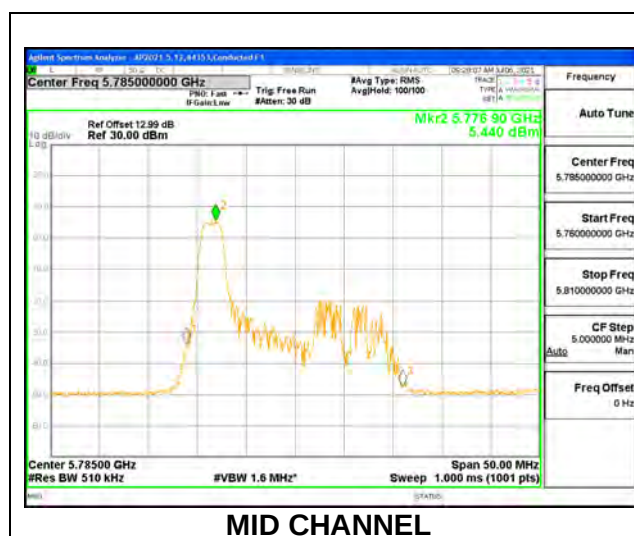
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.83	11.83	30.00	-18.17
Mid	5785	11.86	11.86	30.00	-18.14
High	5825	11.84	11.84	30.00	-18.16

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.462	5.462	30.00	-24.54
Mid	5785	5.440	5.440	30.00	-24.56
High	5825	5.473	5.473	30.00	-24.53



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.30	30.00	30.00
Mid	5785	-1.30	30.00	30.00
High	5825	-1.30	30.00	30.00

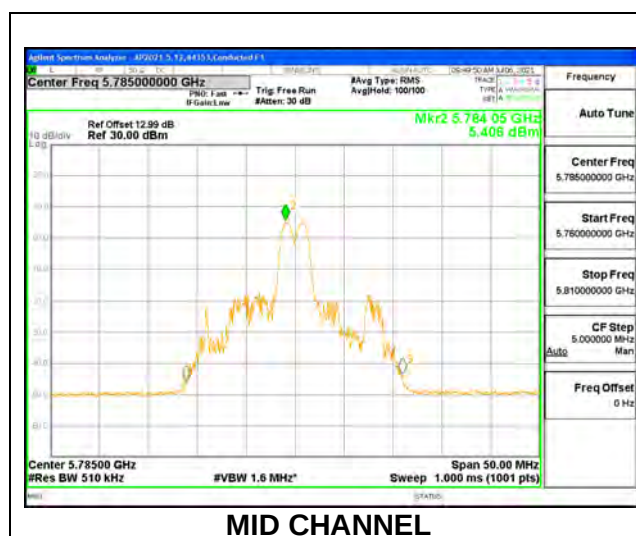
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.85	11.85	30.00	-18.15
Mid	5785	11.79	11.79	30.00	-18.21
High	5825	11.82	11.82	30.00	-18.18

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.446	5.446	30.00	-24.55
Mid	5785	5.406	5.406	30.00	-24.59
High	5825	5.428	5.428	30.00	-24.57



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.30	30.00	30.00
Mid	5785	-1.30	30.00	30.00
High	5825	-1.30	30.00	30.00

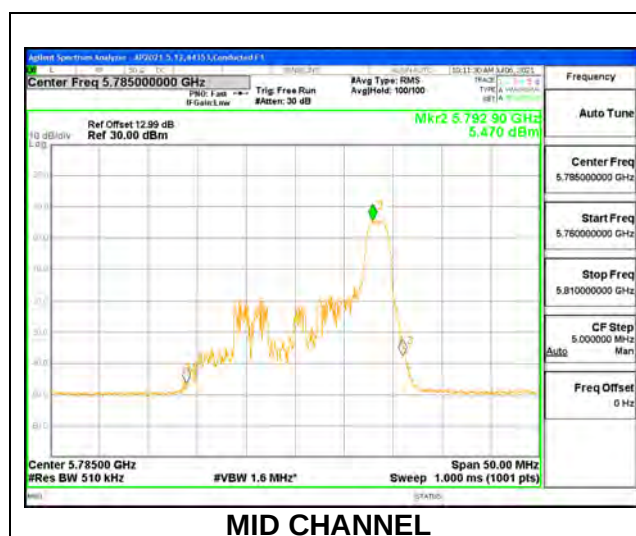
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.77	11.77	30.00	-18.23
Mid	5785	11.81	11.81	30.00	-18.19
High	5825	11.88	11.88	30.00	-18.12

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.356	5.356	30.00	-24.64
Mid	5785	5.470	5.470	30.00	-24.53
High	5825	5.532	5.532	30.00	-24.47



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.30	30.00	30.00
Mid	5785	-1.30	30.00	30.00
High	5825	-1.30	30.00	30.00

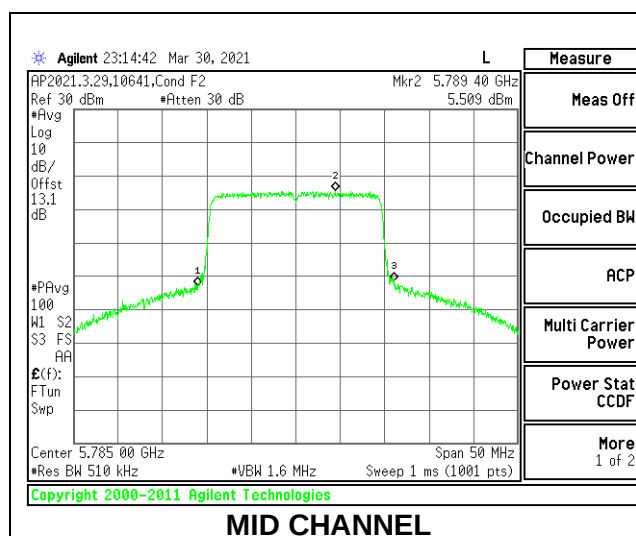
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.38	21.38	30.00	-8.62
Mid	5785	21.35	21.35	30.00	-8.65
High	5825	21.49	21.49	30.00	-8.51

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.679	5.679	30.00	-24.32
Mid	5785	5.509	5.509	30.00	-24.49
High	5825	5.836	5.836	30.00	-24.16



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.25	1.76	30.00	30.00
Mid	5785	-1.25	1.76	30.00	30.00
High	5825	-1.25	1.76	30.00	30.00

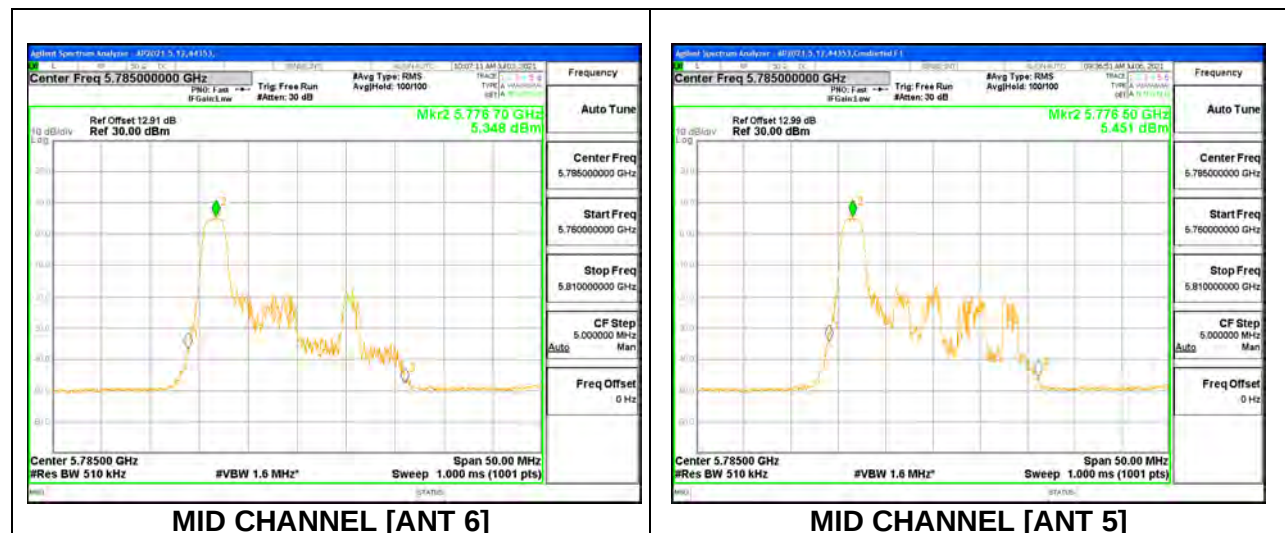
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.76	11.90	14.84	30.00	-15.16
Mid	5785	11.79	11.82	14.82	30.00	-15.18
High	5825	11.91	11.79	14.86	30.00	-15.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.305	5.467	8.397	30.00	-21.603
Mid	5785	5.348	5.451	8.410	30.00	-21.590
High	5825	5.600	5.491	8.556	30.00	-21.444



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.25	1.76	30.00	30.00
Mid	5785	-1.25	1.76	30.00	30.00
High	5825	-1.25	1.76	30.00	30.00

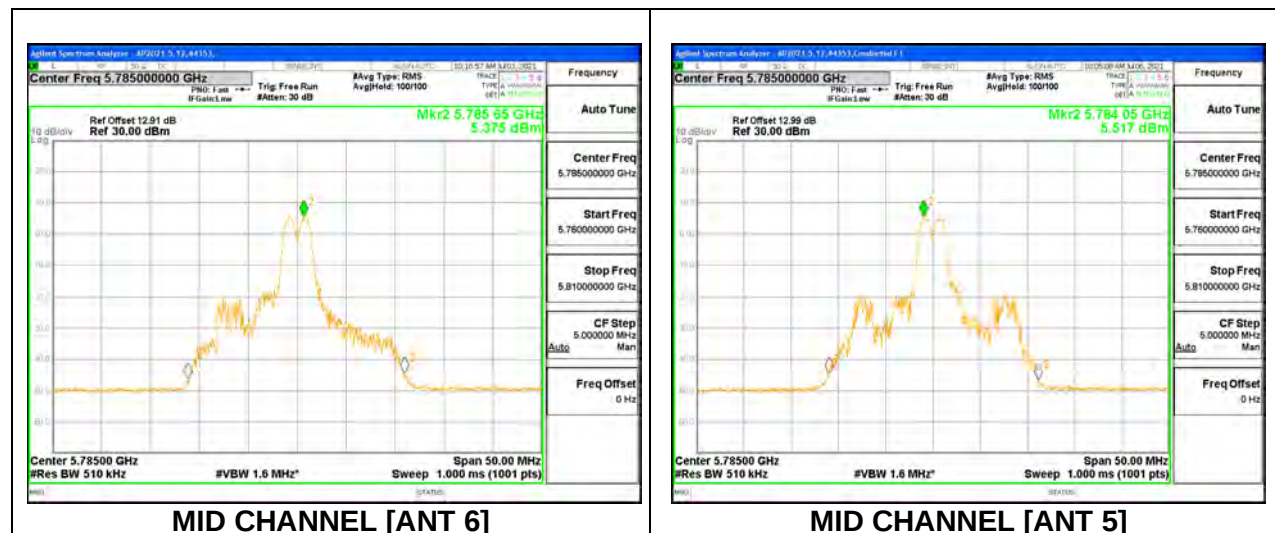
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.89	11.82	14.87	30.00	-15.13
Mid	5785	11.79	11.87	14.84	30.00	-15.16
High	5825	11.90	11.78	14.85	30.00	-15.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.507	5.440	8.484	30.00	-21.516
Mid	5785	5.375	5.517	8.457	30.00	-21.543
High	5825	5.578	5.372	8.487	30.00	-21.513



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.25	1.76	30.00	30.00
Mid	5785	-1.25	1.76	30.00	30.00
High	5825	-1.25	1.76	30.00	30.00

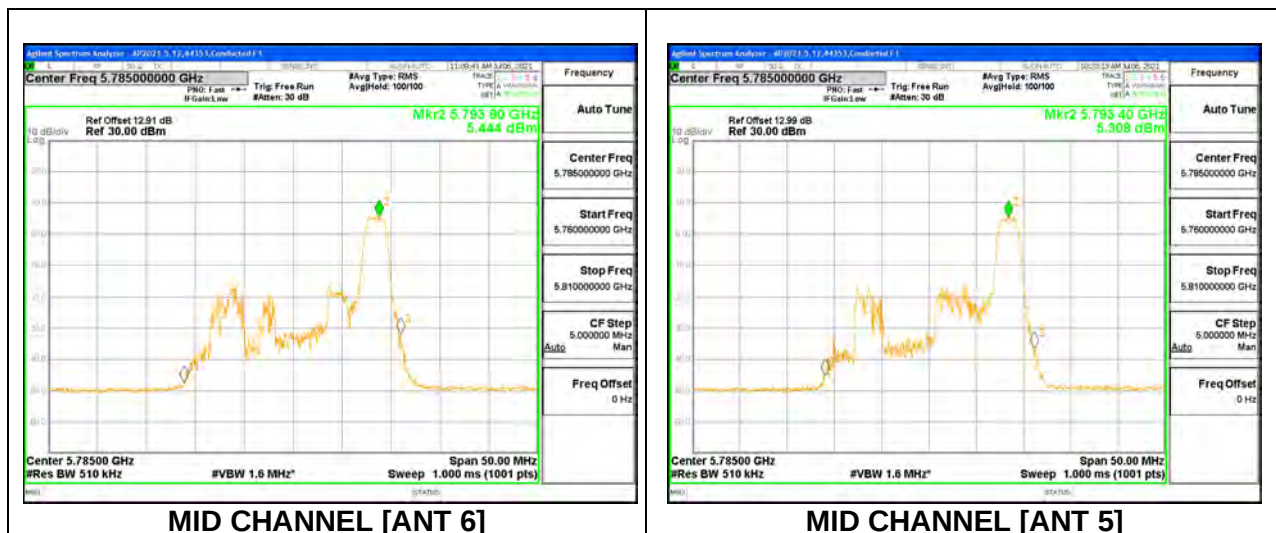
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.86	11.81	14.85	30.00	-15.15
Mid	5785	11.85	11.77	14.82	30.00	-15.18
High	5825	11.78	11.80	14.80	30.00	-15.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.420	5.445	8.443	30.00	-21.557
Mid	5785	5.444	5.308	8.387	30.00	-21.613
High	5825	5.359	5.421	8.400	30.00	-21.600



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.25	1.76	30.00	30.00
Mid	5785	-1.25	1.76	30.00	30.00
High	5825	-1.25	1.76	30.00	30.00

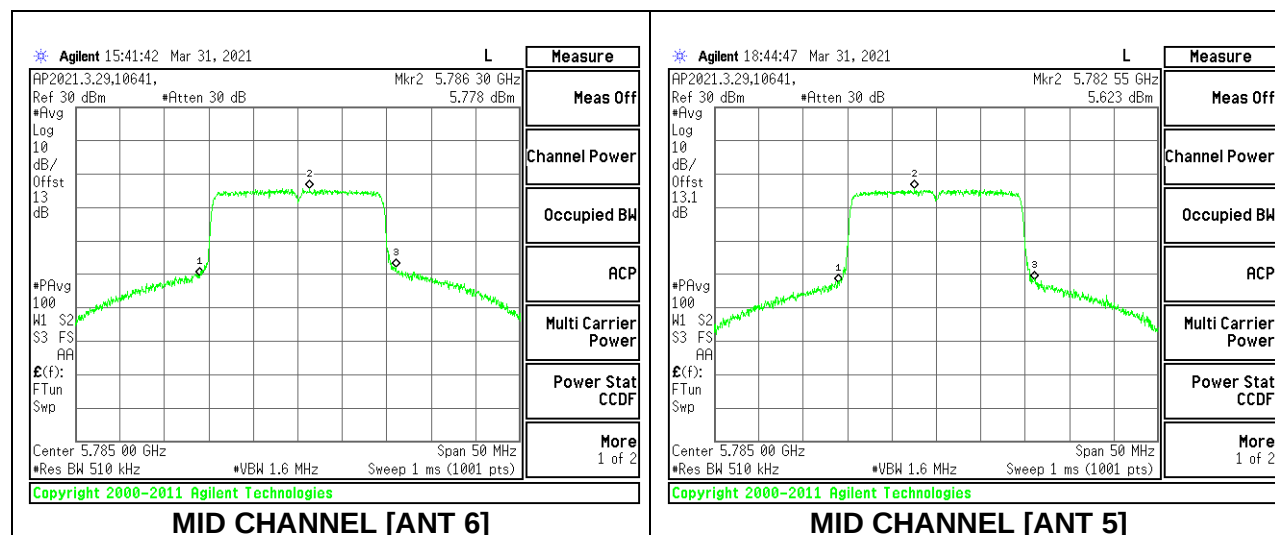
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.34	21.32	24.34	30.00	-5.66
Mid	5785	21.43	21.22	24.34	30.00	-5.66
High	5825	21.31	21.29	24.31	30.00	-5.69

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	5.603	5.650	8.637	30.00	-21.363
Mid	5785	5.778	5.623	8.711	30.00	-21.289
High	5825	5.620	5.622	8.631	30.00	-21.369



9.4.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.20	30.00	30.00
High	5795	-1.20	30.00	30.00

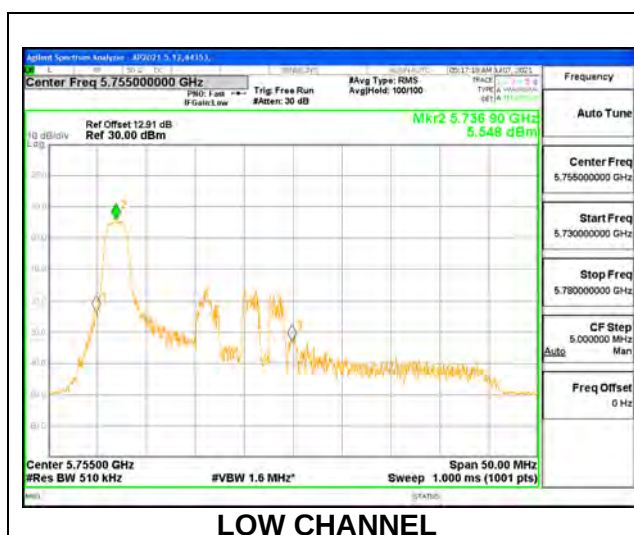
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.88	10.88	30.00	-19.12
High	5795	10.83	10.83	30.00	-19.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.548	5.548	30.00	-24.45
High	5795	5.428	5.428	30.00	-24.57



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.20	30.00	30.00
High	5795	-1.20	30.00	30.00

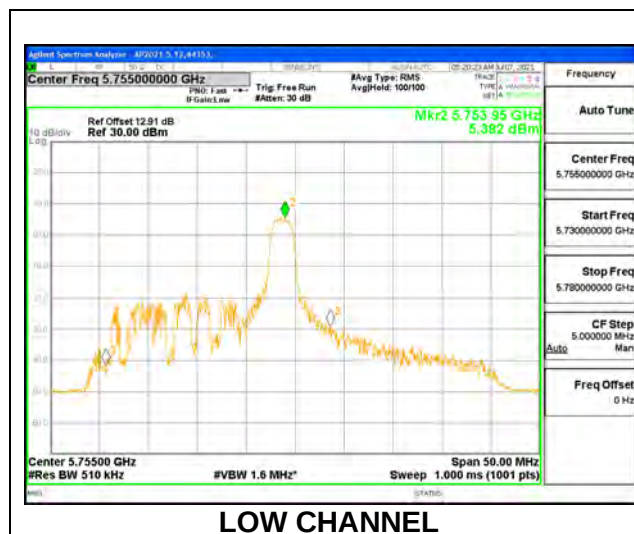
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.76	10.76	30.00	-19.24
High	5795	10.87	10.87	30.00	-19.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.382	5.382	30.00	-24.62
High	5795	5.519	5.519	30.00	-24.48



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.20	30.00	30.00
High	5795	-1.20	30.00	30.00

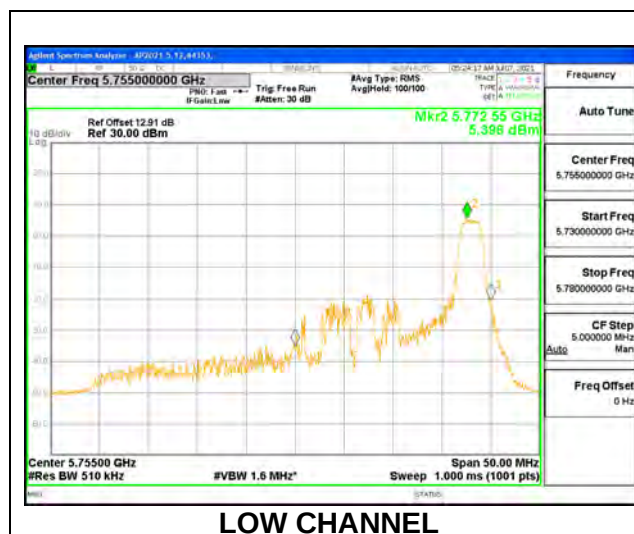
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.79	10.79	30.00	-19.21
High	5795	10.90	10.90	30.00	-19.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.396	5.396	30.00	-24.60
High	5795	5.567	5.567	30.00	-24.43



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.20	30.00	30.00
High	5795	-1.20	30.00	30.00

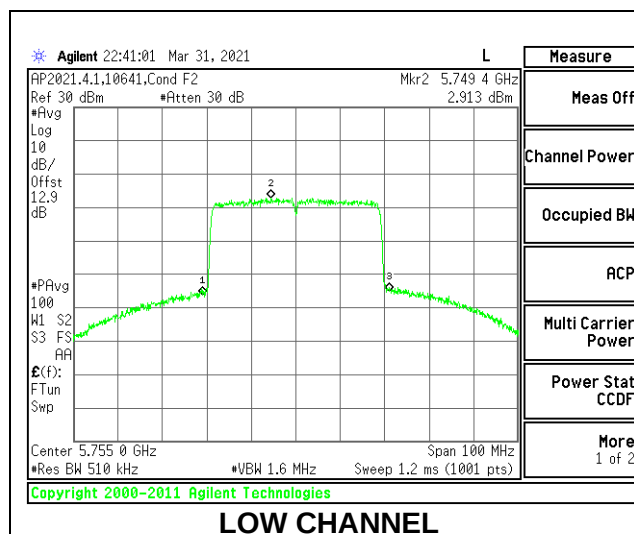
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.35	20.35	30.00	-9.65
High	5795	20.28	20.28	30.00	-9.72

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	2.913	2.913	30.00	-27.09
High	5795	2.750	2.750	30.00	-27.25



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.30	30.00	30.00
High	5795	-1.30	30.00	30.00

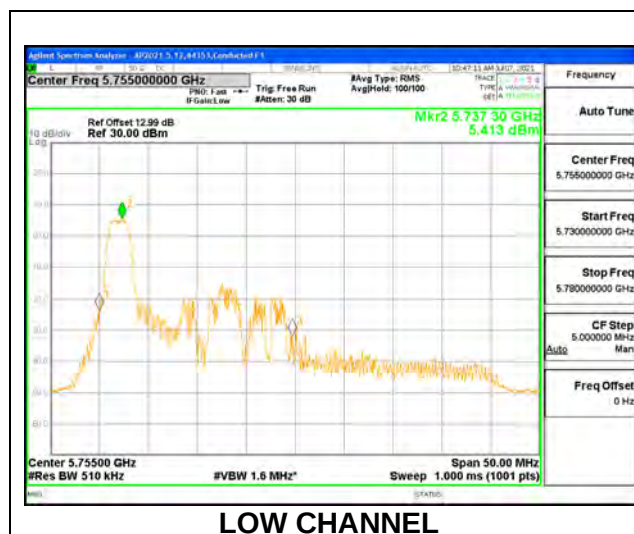
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.82	10.82	30.00	-19.18
High	5795	10.84	10.84	30.00	-19.16

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.413	5.413	30.00	-24.59
High	5795	5.497	5.497	30.00	-24.50



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.30	30.00	30.00
High	5795	-1.30	30.00	30.00

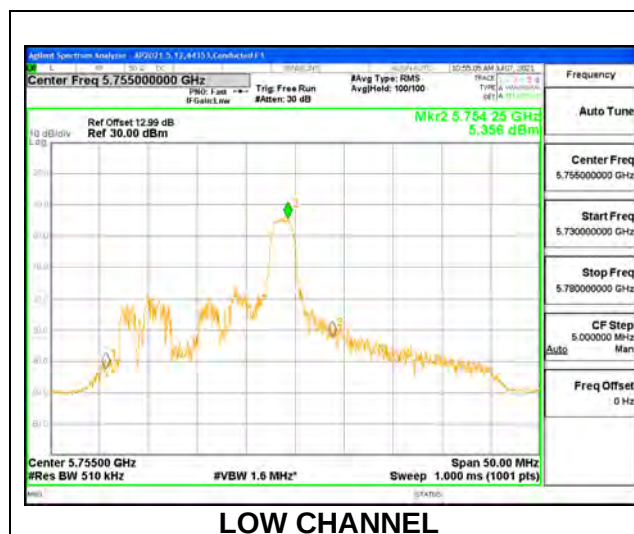
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.78	10.78	30.00	-19.22
High	5795	10.81	10.81	30.00	-19.19

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.356	5.356	30.00	-24.64
High	5795	5.439	5.439	30.00	-24.56



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.30	30.00	30.00
High	5795	-1.30	30.00	30.00

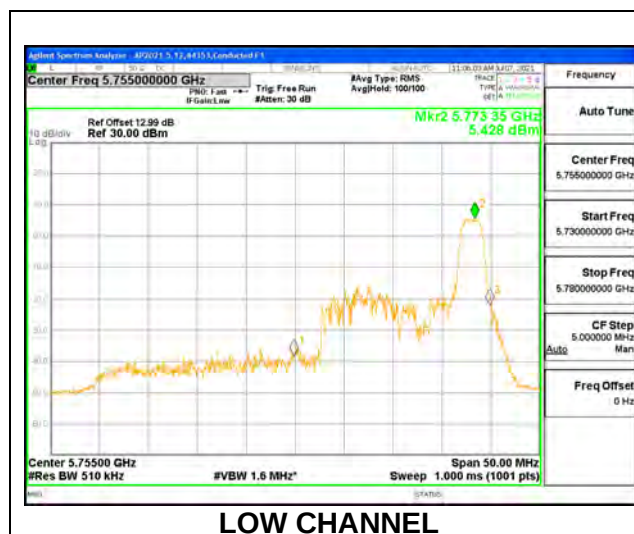
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.84	10.84	30.00	-19.16
High	5795	10.80	10.80	30.00	-19.20

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.428	5.428	30.00	-24.57
High	5795	5.418	5.418	30.00	-24.58



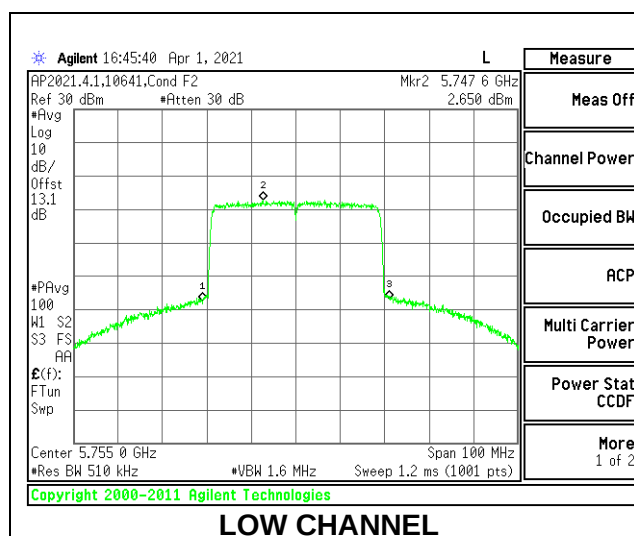
Test Engineer:	44353
Test Date:	7/9/2021

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.30	30.00	30.00
High	5795	-1.30	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.32	20.32	30.00	-9.68
High	5795	20.22	20.22	30.00	-9.78

Channel	Frequency	Antenna 5 Meas PSD	Total Corr'd PSD	PSD Limit	PSD Margin
	(MHz)	(dBm/500KHz)	(dBm/500KHz)	(dBm/500KHz)	(dB)
Low	5755	2.650	2.650	30.00	-27.35
High	5795	2.637	2.637	30.00	-27.36



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.25	1.76	30.00	30.00
High	5795	-1.25	1.76	30.00	30.00

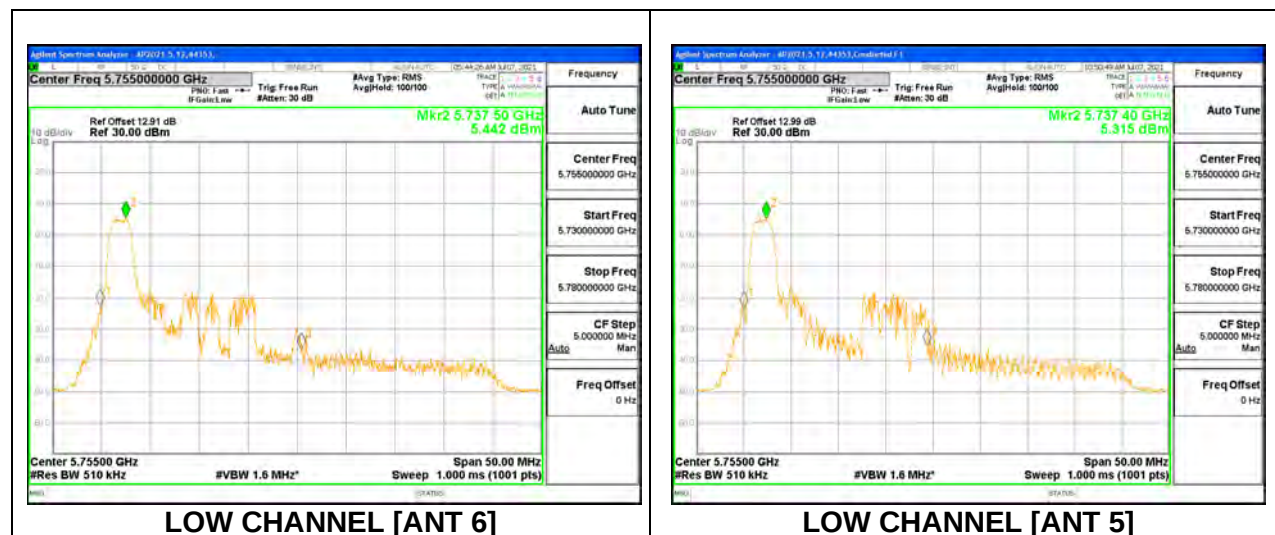
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.82	10.77	13.81	30.00	-16.19
High	5795	10.85	10.81	13.84	30.00	-16.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.442	5.315	8.389	30.00	-21.611
High	5795	5.495	5.465	8.490	30.00	-21.510



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.25	1.76	30.00	30.00
High	5795	-1.25	1.76	30.00	30.00

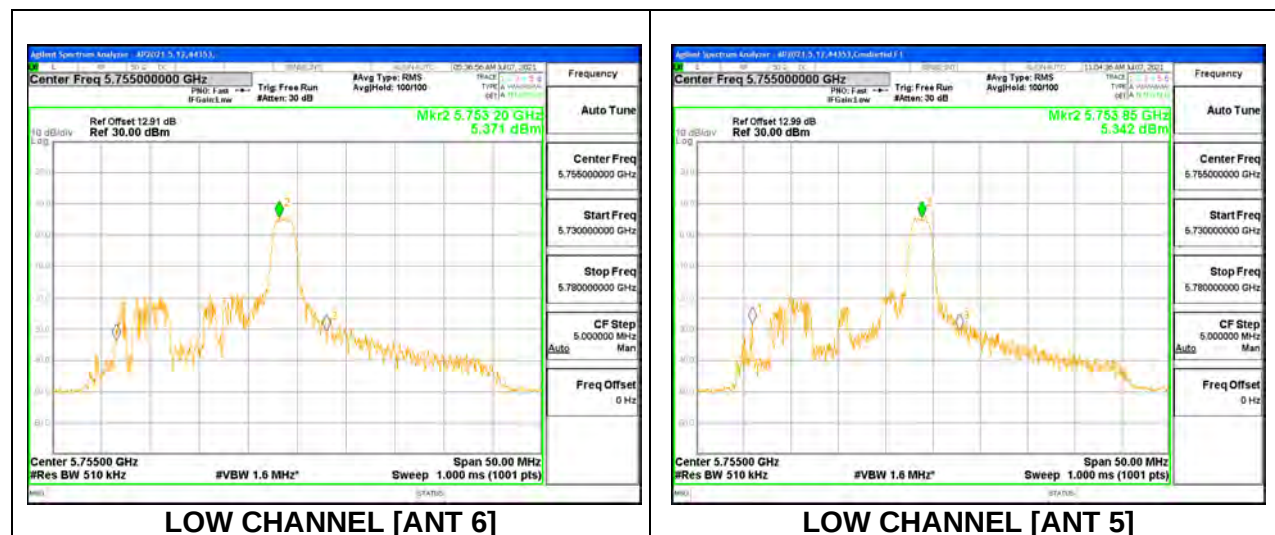
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.80	10.81	13.82	30.00	-16.18
High	5795	10.90	10.82	13.87	30.00	-16.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.371	5.342	8.367	30.00	-21.633
High	5795	5.535	5.387	8.472	30.00	-21.528



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.25	1.76	30.00	30.00
High	5795	-1.25	1.76	30.00	30.00

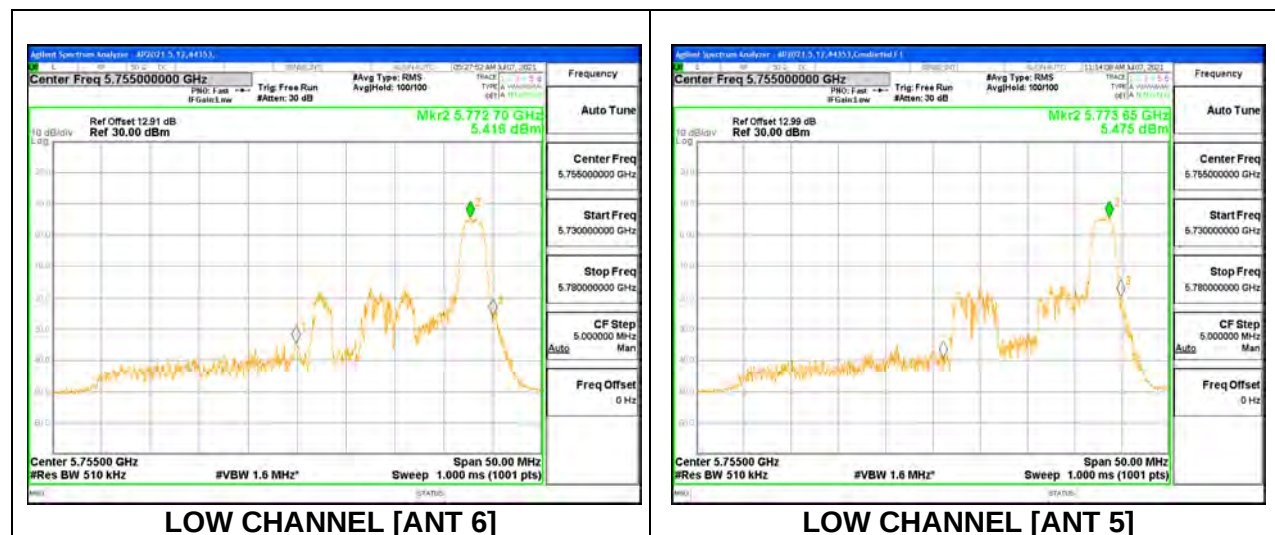
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.82	10.80	13.82	30.00	-16.18
High	5795	10.78	10.76	13.78	30.00	-16.22

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.416	5.475	8.456	30.00	-21.544
High	5795	5.400	5.386	8.403	30.00	-21.597



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.25	1.76	30.00	30.00
High	5795	-1.25	1.76	30.00	30.00

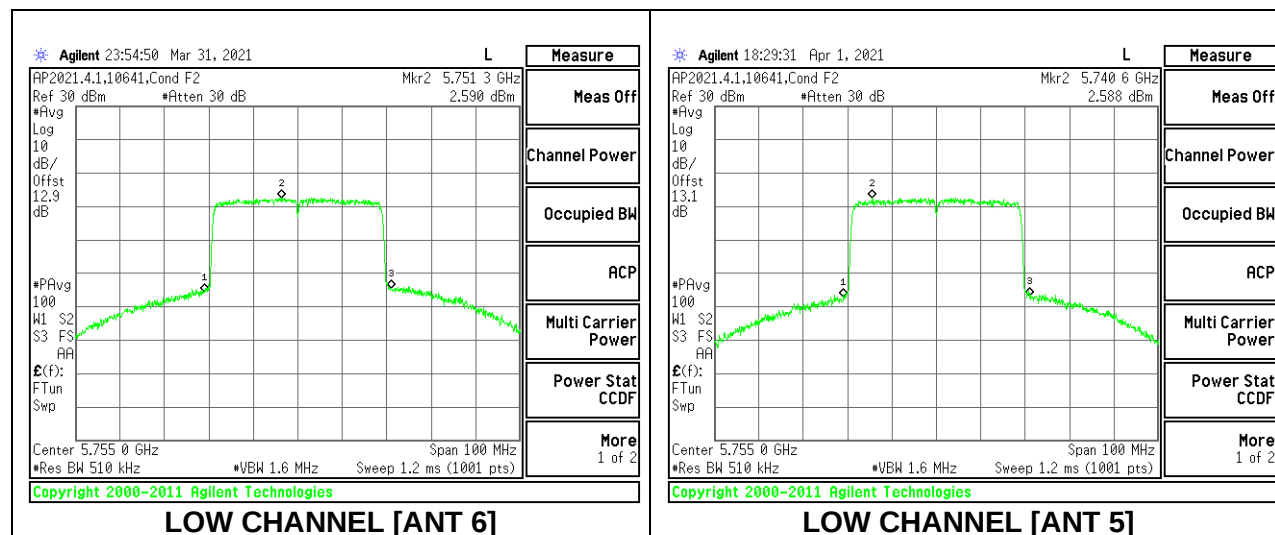
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.29	20.40	23.36	30.00	-6.64
High	5795	20.41	20.34	23.39	30.00	-6.61

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	2.590	2.588	5.599	30.00	-24.401
High	5795	2.746	2.645	5.706	30.00	-24.294



9.4.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0**

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.20	30.00	30.00

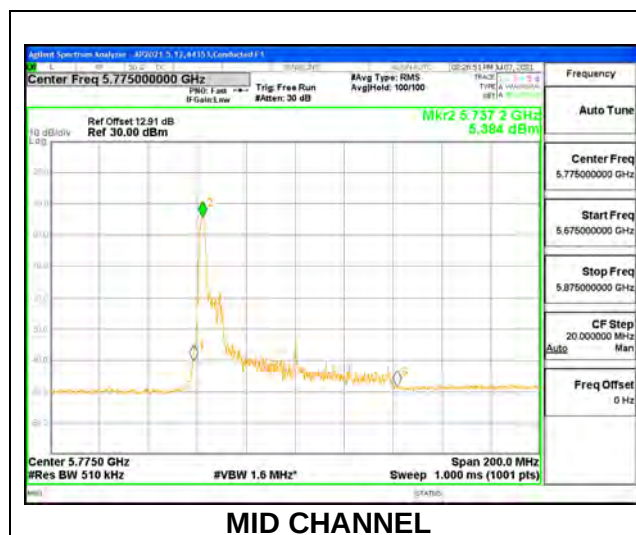
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.78	11.78	30.00	-18.22

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.384	5.384	30.00	-24.62



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.20	30.00	30.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.80	11.80	30.00	-18.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.411	5.411	30.00	-24.59



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.20	30.00	30.00

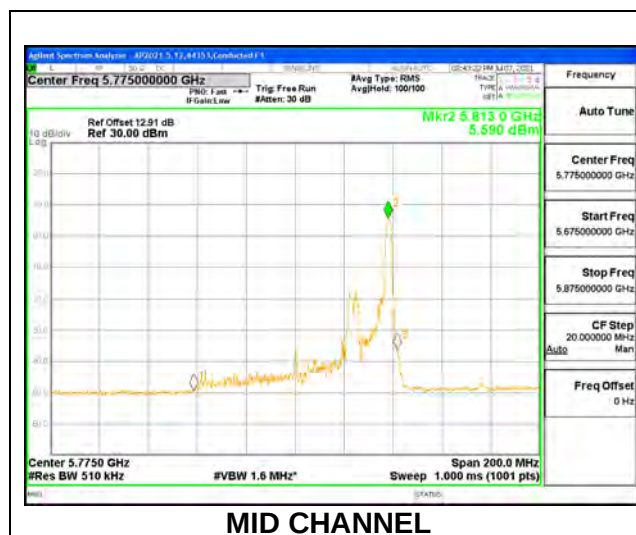
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.86	11.86	30.00	-18.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.590	5.590	30.00	-24.41



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.20	30.00	30.00

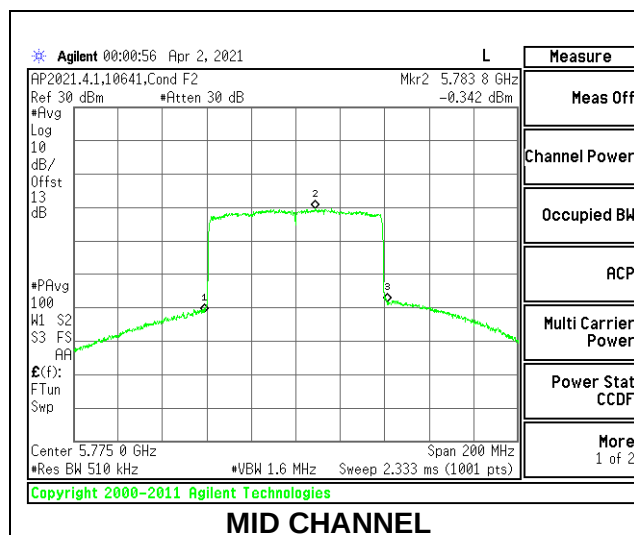
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.29	21.29	30.00	-8.71

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	-0.342	-0.342	30.00	-30.34



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.30	30.00	30.00

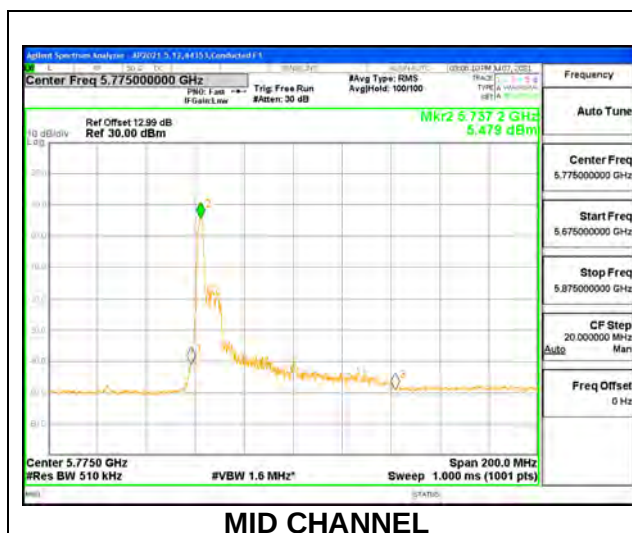
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.83	11.83	30.00	-18.17

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.479	5.479	30.00	-24.52



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.30	30.00	30.00

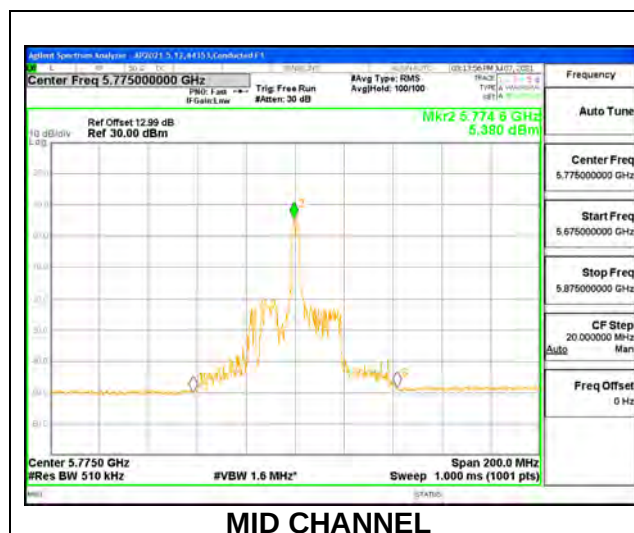
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.80	11.80	30.00	-18.20

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.380	5.380	30.00	-24.62



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.30	30.00	30.00

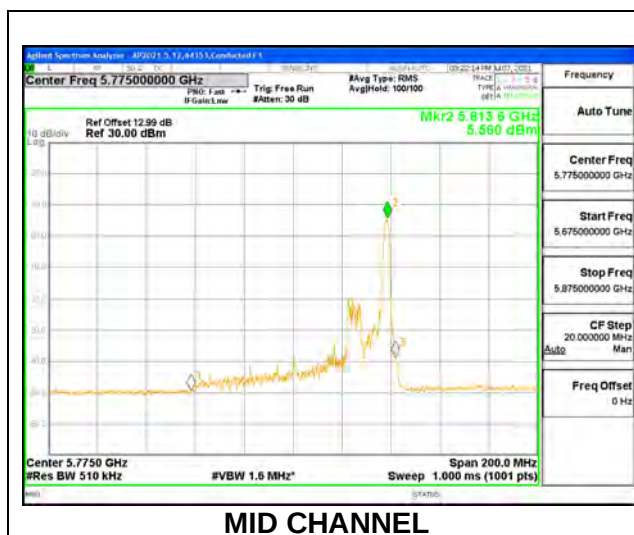
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.88	11.88	30.00	-18.12

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.560	5.560	30.00	-24.44



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.30	30.00	30.00

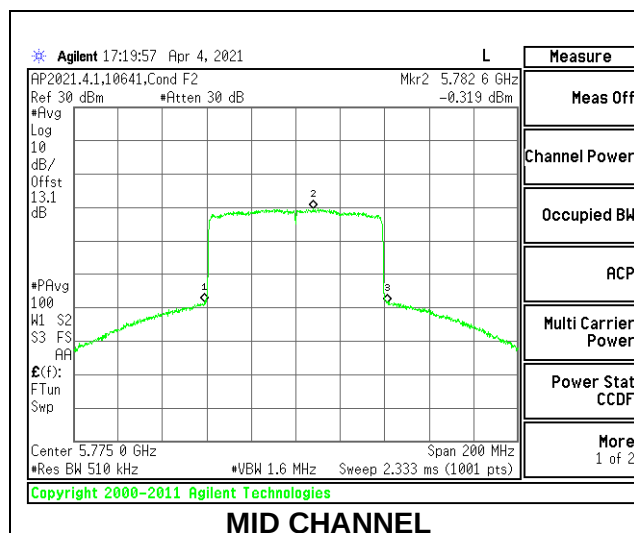
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.31	21.31	30.00	-8.69

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	-0.319	-0.319	30.00	-30.32



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.25	1.76	30.00	30.00

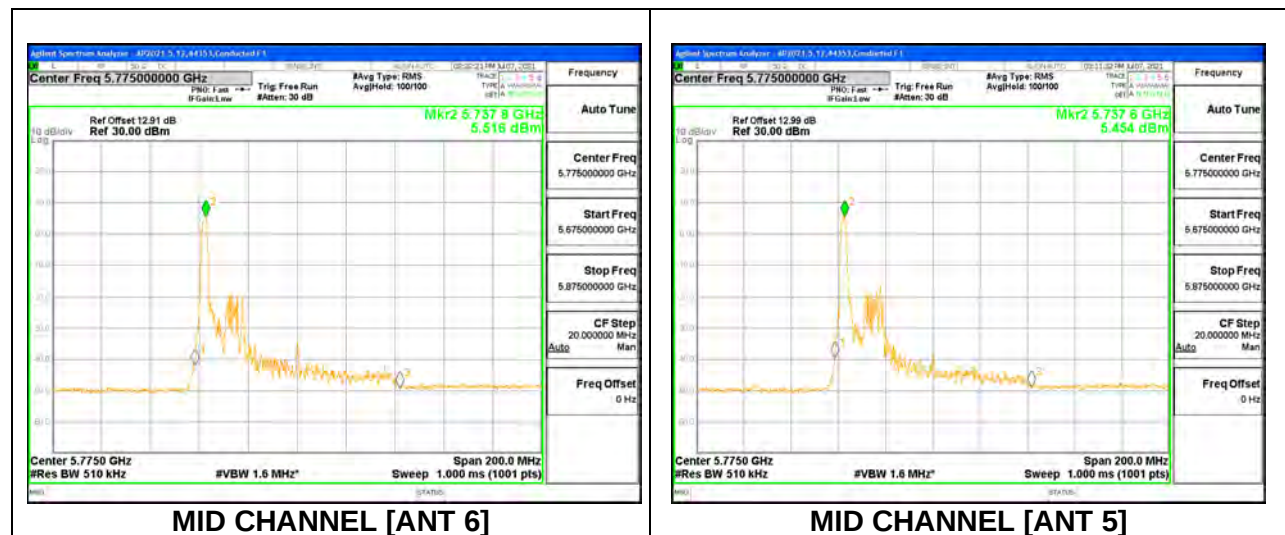
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.79	11.77	14.79	30.00	-15.21

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.516	5.454	8.495	30.00	-21.505



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.25	1.76	30.00	30.00

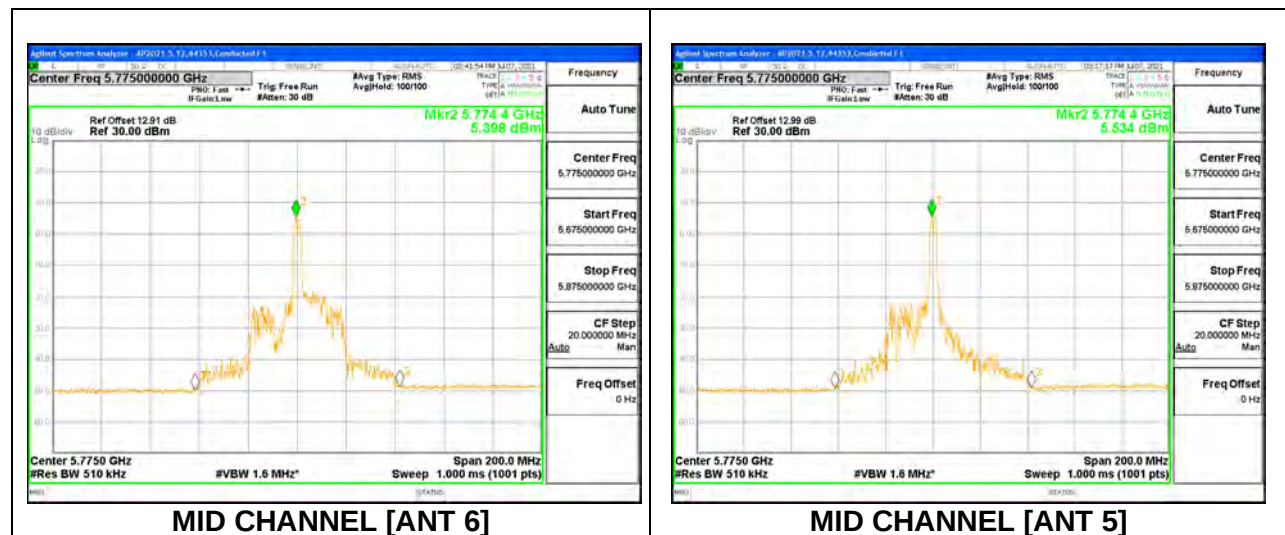
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.75	11.89	14.83	30.00	-15.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.398	5.534	8.477	30.00	-21.523



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.25	1.76	30.00	30.00

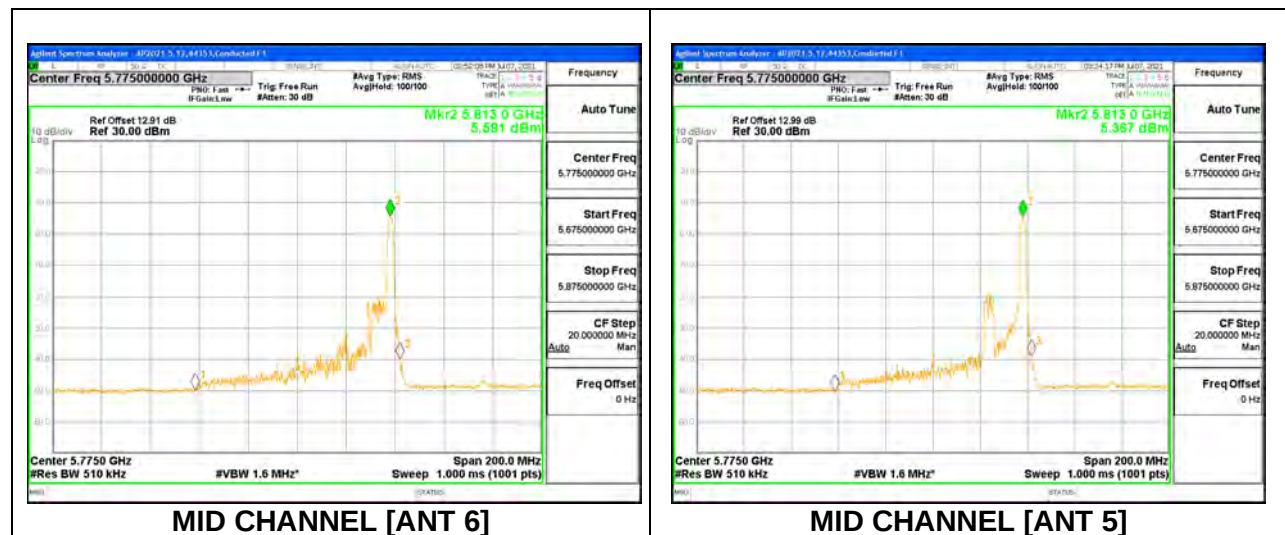
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.87	11.79	14.84	30.00	-15.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.581	5.367	8.486	30.00	-21.514



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

Test Engineer:	44353
Test Date:	7/9/2021

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.25	1.76	30.00	30.00

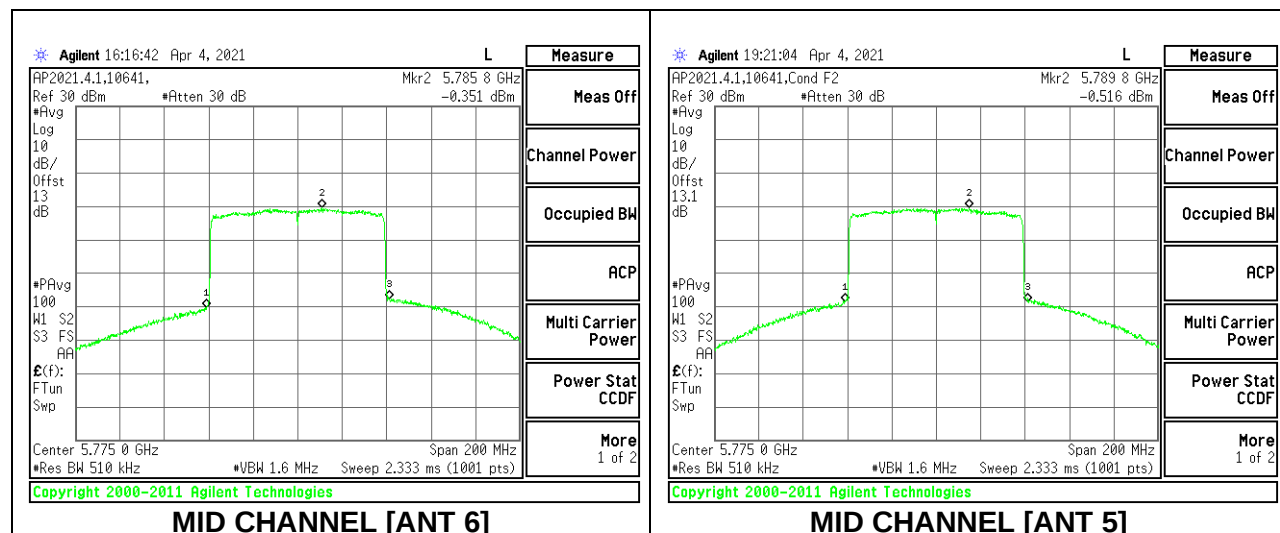
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	19.83	19.75	22.80	30.00	-7.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	-0.351	-0.516	2.578	30.00	-27.422

**END OF TEST REPORT**