

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

Test Engineer:	32642
Test Date:	6/10/23

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	-1.73	1.25	24.00	11.00

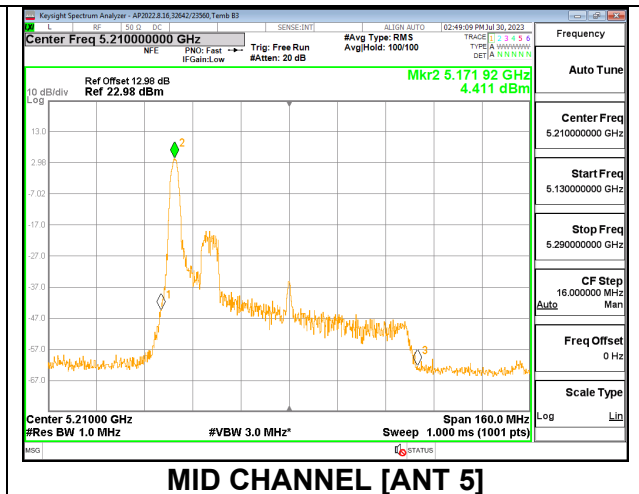
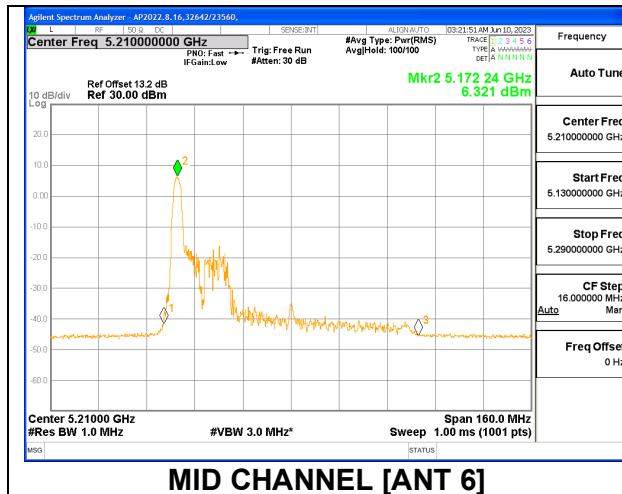
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.47	8.44	11.47	24.00	-12.53

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.321	4.411	8.480	11.00	-2.520



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

Test Engineer:	32642/23560
Test Date:	6/10/23

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	-1.73	1.25	24.00	11.00

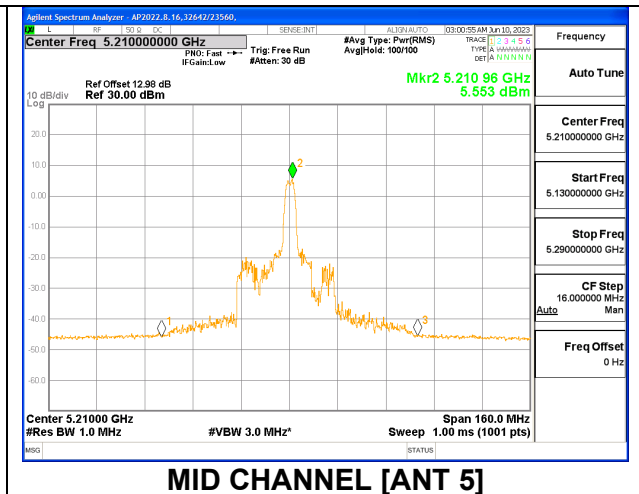
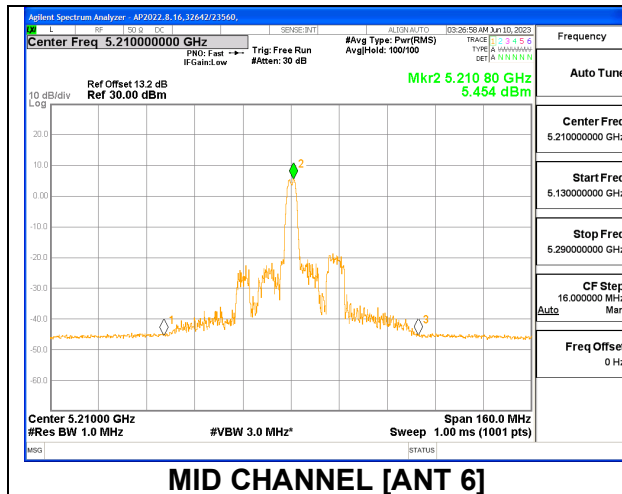
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	8.41	8.47	11.45	24.00	-12.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	5.454	5.553	8.514	11.00	-2.486



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

Test Engineer:	32642
Test Date:	6/10/23

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	-1.73	1.25	24.00	11.00

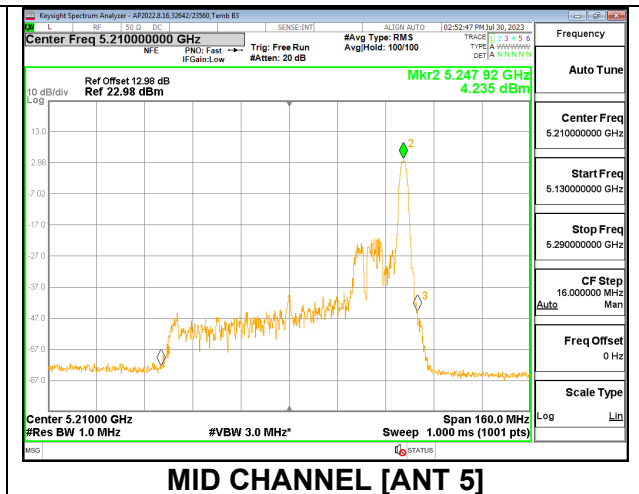
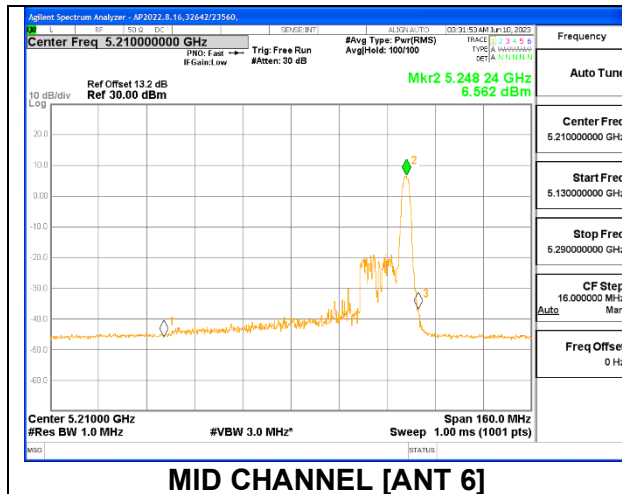
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.47	8.40	11.45	24.00	-12.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.562	4.235	8.563	11.00	-2.437



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

Test Engineer:	32642
Test Date:	7/29/23

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	-1.73	1.25	24.00	11.00

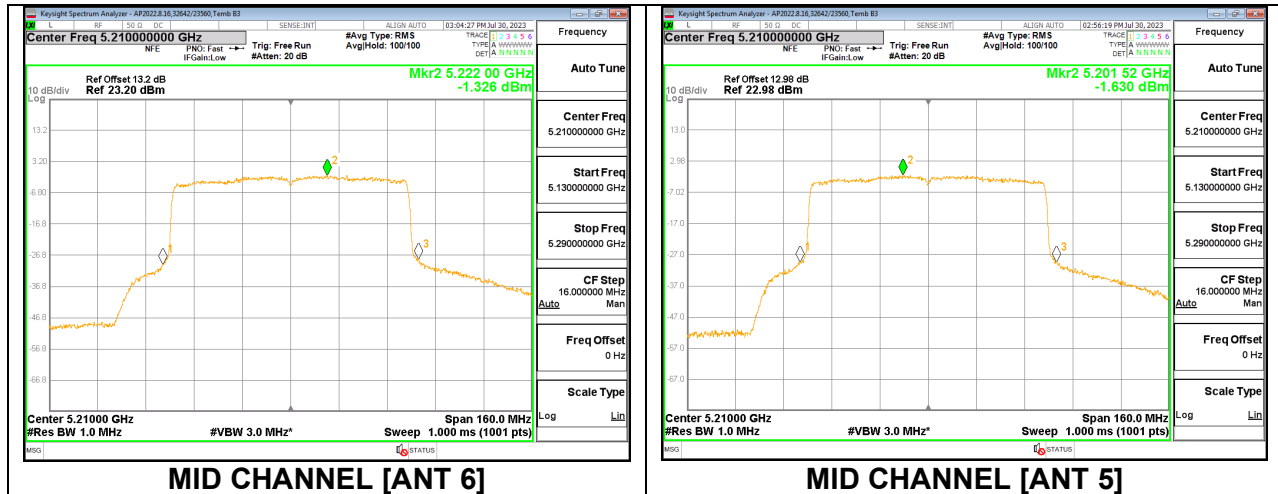
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.46	15.43	18.46	24.00	-5.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-1.326	-1.630	1.685	11.00	-9.315



9.4.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	23560
Test Date:	6/7/23

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	21.060	-3.1	24.00	11.00
Mid	5300	20.970	-3.1	24.00	11.00
High	5320	21.960	-3.1	24.00	11.00

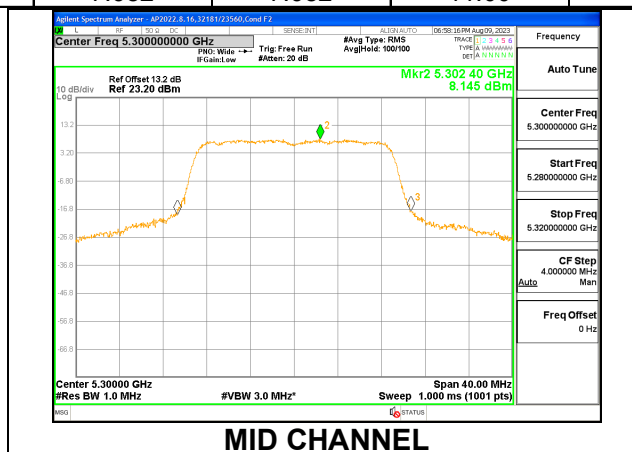
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.46	19.46	24.00	-4.54
Mid	5300	19.39	19.39	24.00	-4.61
High	5320	18.91	18.91	24.00	-5.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.076	8.076	11.00	-2.924
Mid	5300	8.145	8.145	11.00	-2.855
High	5320	7.982	7.982	11.00	-3.018



1TX Antenna 5 MODE (FCC)

Test Engineer:	23560
Test Date:	6/7/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.020	-1.4	24.00	11.00
Mid	5300	21.330	-1.4	24.00	11.00
High	5320	23.550	-1.4	24.00	11.00

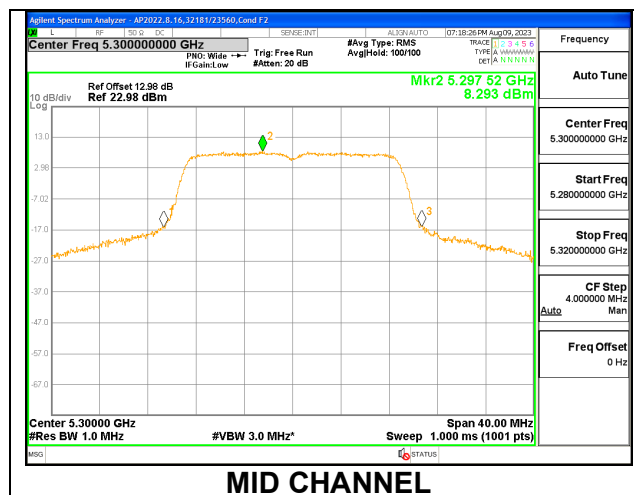
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.39	19.39	24.00	-4.61
Mid	5300	19.39	19.39	24.00	-4.61
High	5320	18.97	18.97	24.00	-5.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.406	8.406	11.00	-2.594
Mid	5300	8.293	8.293	11.00	-2.707
High	5320	8.203	8.203	11.00	-2.797



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

Test Engineer:	23560
Test Date:	6/7/23

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	20.950	-2.17	0.8	24.00	11.00
Mid	5300	20.980	-2.17	0.8	24.00	11.00
High	5320	21.130	-2.17	0.8	24.00	11.00

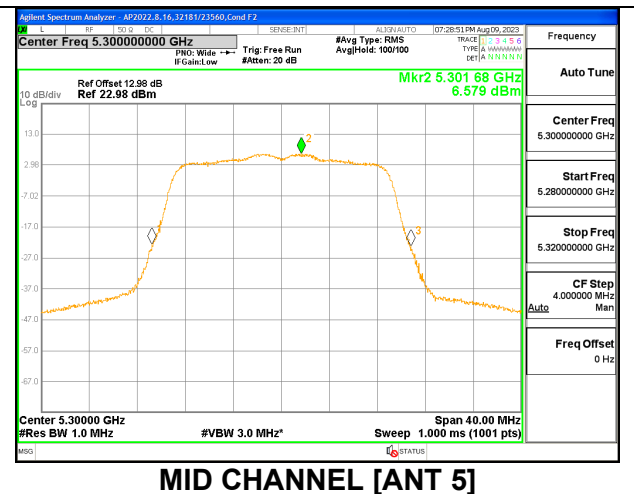
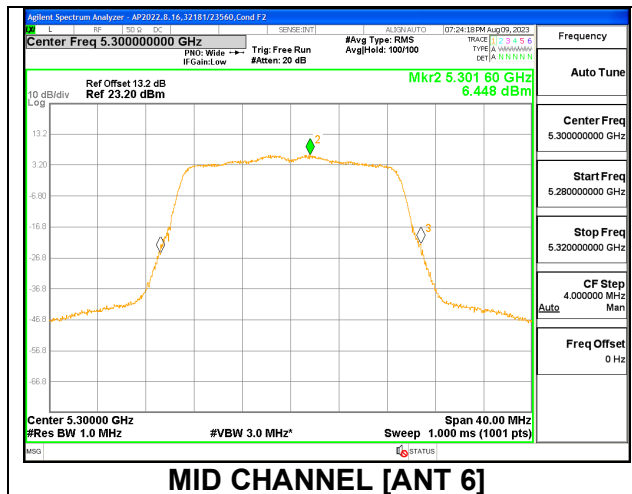
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.41	16.38	19.41	24.00	-4.59
Mid	5300	16.46	16.42	19.45	24.00	-4.55
High	5320	16.42	16.43	19.44	24.00	-4.56

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.559	6.505	9.542	11.00	-1.458
Mid	5300	6.448	6.579	9.524	11.00	-1.476
High	5320	6.506	6.285	9.407	11.00	-1.593



9.4.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	6/13/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.300	-3.1	24.00	11.00
High	5310	42.400	-3.1	24.00	11.00

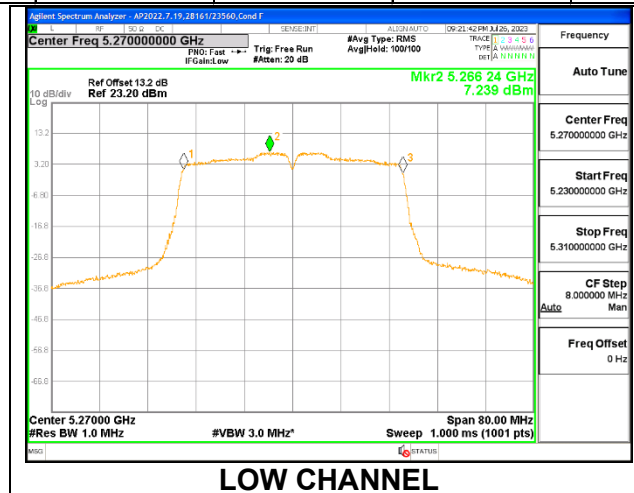
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.91	19.91	24.00	-4.09
High	5310	16.96	16.96	24.00	-7.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.239	7.239	11.00	-3.761
High	5310	2.966	2.966	11.00	-8.034



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	6/13/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.270	-1.4	1.00	11.00
High	5310	43.530	-1.4	1.00	11.00

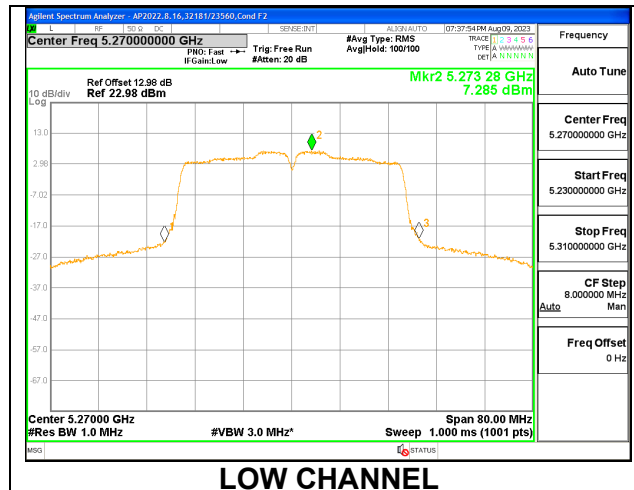
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.98	19.98	1.00	18.98
High	5310	16.95	16.95	1.00	15.95

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.285	7.285	11.00	-3.715
High	5310	3.020	3.020	11.00	-7.980



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

Test Engineer:	26118
Test Date:	6/13/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.970	-2.17	0.8	24.00	11.00
High	5310	41.180	-2.17	0.8	24.00	11.00

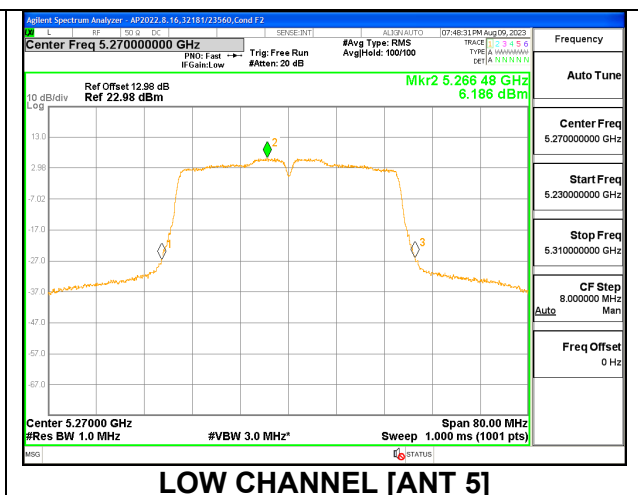
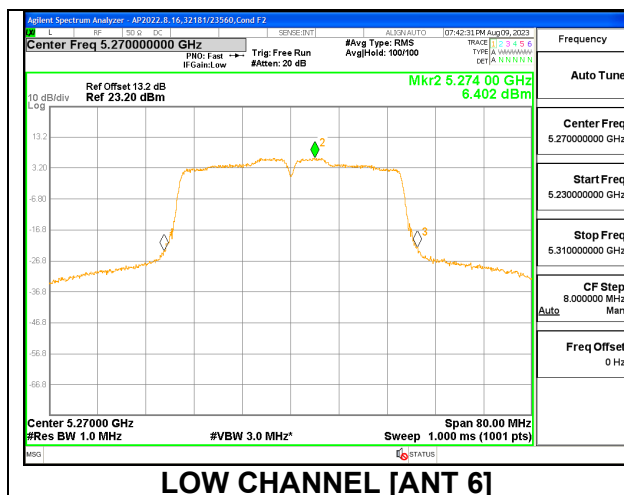
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	18.91	18.94	21.94	24.00	-2.06
High	5310	15.47	15.42	18.46	24.00	-5.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.402	6.186	9.306	11.00	-1.694
High	5310	3.121	3.182	6.162	11.00	-4.838



9.4.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	23560
Test Date:	6/8/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	85.240	-3.1	24.00	11.00

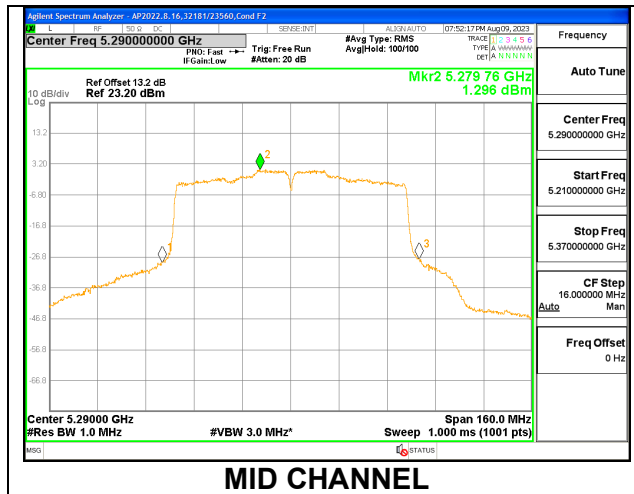
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.93	16.93	24.00	-7.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.296	1.386	11.00	-9.614



1TX Antenna 5 MODE (FCC)

Test Engineer:	23560
Test Date:	6/8/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	83.420	-1.4	1.00	11.00

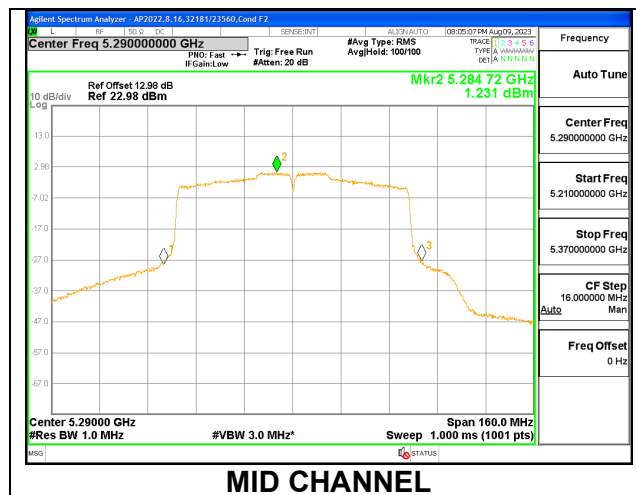
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.98	16.98	1.00	15.98

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.231	1.321	11.00	-9.679



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

Test Engineer:	23560
Test Date:	6/8/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	81.450	-2.17	0.8	24.00	11.00

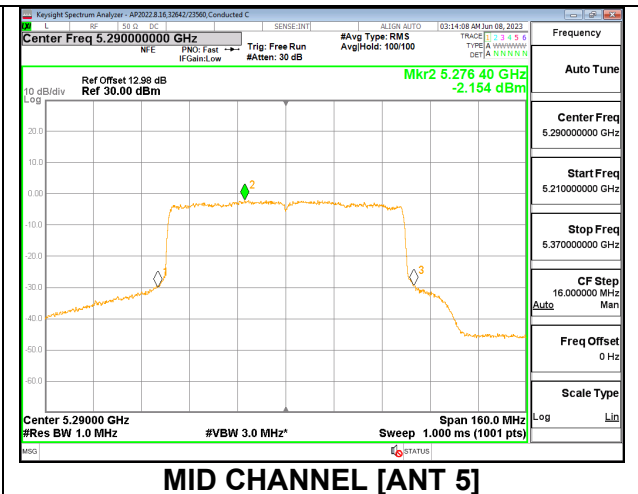
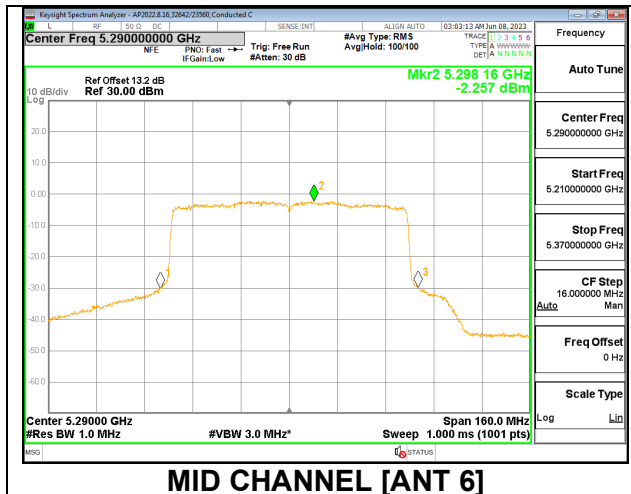
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.46	16.43	19.46	24.00	-4.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-2.257	-2.154	0.895	11.00	-10.105



9.4.10. 802.11ax HE20 MODE IN THE 5.3 GHz BAND

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

Test Engineer:	19336
Test Date:	5/28/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.230	-3.1	23.84	11.00
Mid	5300	19.310	-3.1	23.86	11.00
High	5320	19.460	-3.1	23.89	11.00

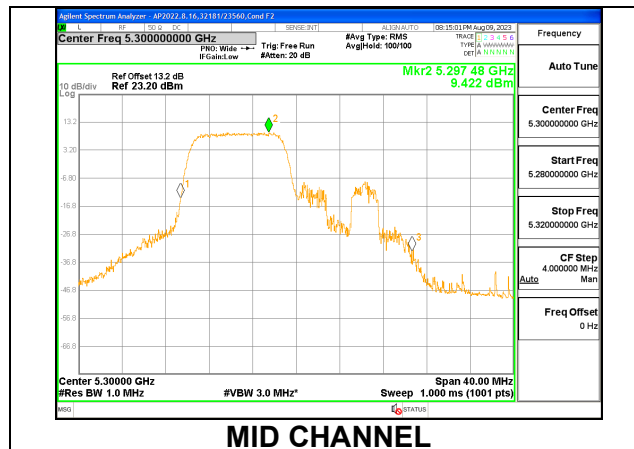
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.33	17.33	23.84	-6.51
Mid	5300	17.47	17.47	23.86	-6.39
High	5320	17.38	17.38	23.89	-6.51

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	9.818	9.818	11.00	-1.182
Mid	5300	9.422	9.422	11.00	-1.578
High	5320	9.626	9.626	11.00	-1.374



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

Test Engineer:	19336
Test Date:	5/28/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.230	-3.1	23.84	11.00
Mid	5300	19.310	-3.1	23.86	11.00
High	5320	19.460	-3.1	23.89	11.00

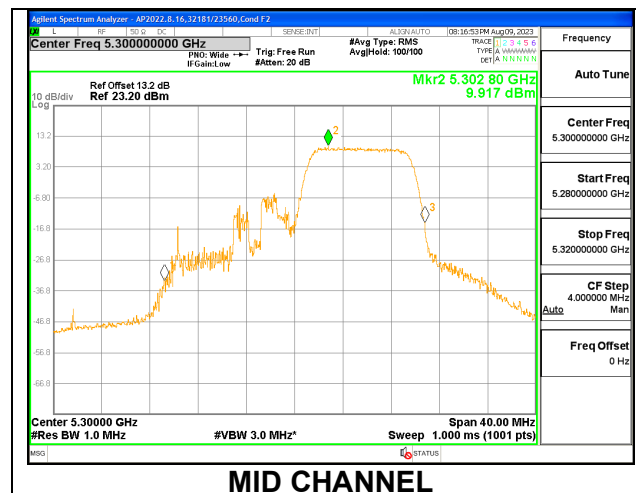
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.38	17.38	23.84	-6.46
Mid	5300	17.47	17.47	23.86	-6.39
High	5320	17.43	17.43	23.89	-6.46

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	9.403	9.403	11.00	-1.597
Mid	5300	9.917	9.917	11.00	-1.083
High	5320	9.371	9.371	11.00	-1.629



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	5/28/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.950	-3.1	24.00	11.00
Mid	5300	19.840	-3.1	23.98	11.00
High	5320	19.620	-3.1	23.93	11.00

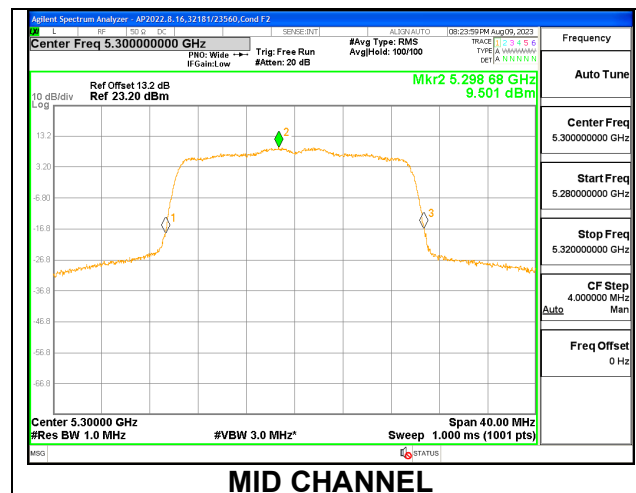
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.47	19.47	24.00	-4.53
Mid	5300	19.37	19.37	23.98	-4.61
High	5320	17.91	17.91	23.93	-6.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.412	9.412	11.00	-1.588
Mid	5300	9.501	9.501	11.00	-1.499
High	5320	7.542	7.542	11.00	-3.458



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

Test Engineer:	19336
Test Date:	5/30/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.100	-1.4	23.81	11.00
Mid	5300	19.890	-1.4	23.99	11.00
High	5320	19.010	-1.4	23.79	11.00

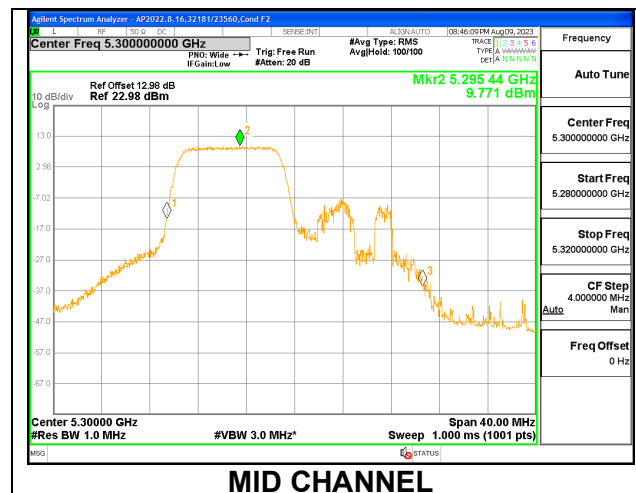
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.48	17.48	23.81	-6.33
Mid	5300	17.35	17.35	23.99	-6.64
High	5320	17.39	17.39	23.79	-6.40

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	9.343	9.343	11.00	-1.657
Mid	5300	9.771	9.771	11.00	-1.229
High	5320	9.459	9.459	11.00	-1.541



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

Test Engineer:	19336
Test Date:	5/30/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.840	-1.4	23.98	11.00
Mid	5300	19.160	-1.4	23.82	11.00
High	5320	18.950	-1.4	23.78	11.00

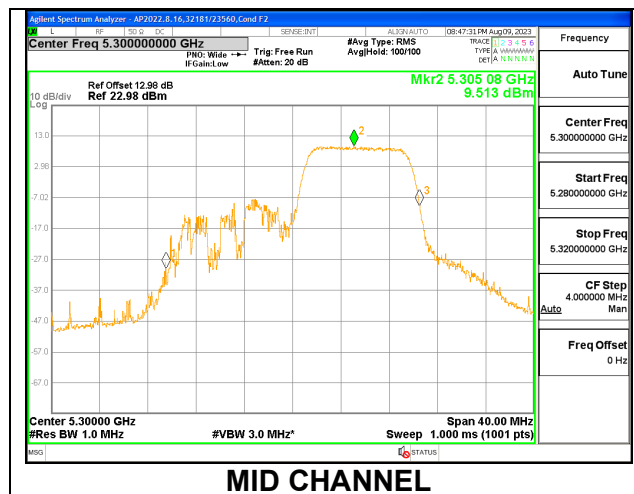
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.44	17.44	23.98	-6.54
Mid	5300	17.35	17.35	23.82	-6.47
High	5320	17.42	17.42	23.78	-6.36

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	9.396	9.396	11.00	-1.604
Mid	5300	9.513	9.513	11.00	-1.487
High	5320	9.222	9.222	11.00	-1.778



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	5/30/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.060	-1.4	24.00	11.00
Mid	5300	20.070	-1.4	24.00	11.00
High	5320	20.130	-1.4	24.00	11.00

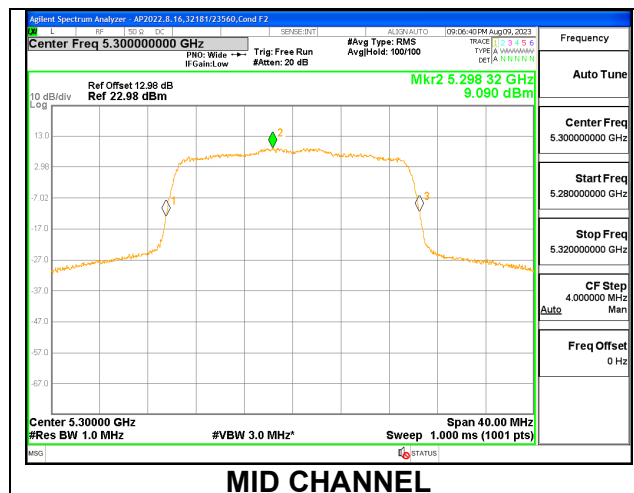
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	19.32	19.32	24.00	-4.68
Mid	5300	19.45	19.45	24.00	-4.55
High	5320	17.97	17.97	24.00	-6.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.464	9.464	11.00	-1.536
Mid	5300	9.090	9.090	11.00	-1.910
High	5320	6.972	6.972	11.00	-4.028



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

Test Engineer:	19336
Test Date:	6/5/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	18.640	-2.17	0.8	23.70	11.00
Mid	5300	19.120	-2.17	0.8	23.81	11.00
High	5320	19.210	-2.17	0.8	23.84	11.00

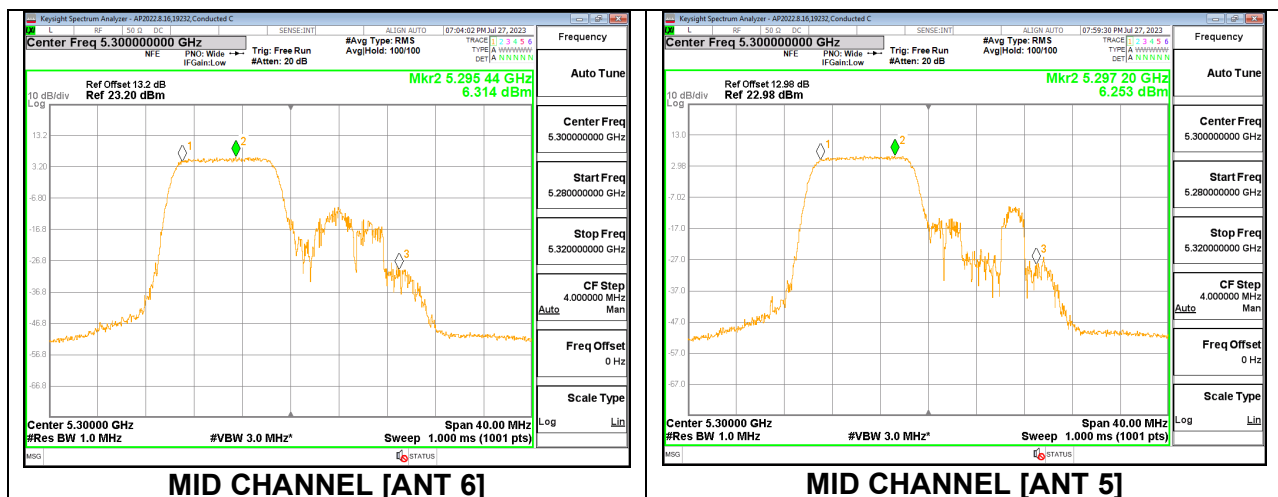
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	14.49	14.48	17.50	23.70	-6.21
Mid	5300	14.49	14.46	17.49	23.81	-6.33
High	5320	14.47	14.41	17.45	23.84	-6.38

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	6.214	6.313	9.274	11.00	-1.726
Mid	5300	6.314	6.253	9.294	11.00	-1.706
High	5320	6.033	6.075	9.064	11.00	-1.936



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

Test Engineer:	19336
Test Date:	6/5/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.090	-2.17	0.8	23.81	11.00
Mid	5300	18.750	-2.17	0.8	23.73	11.00
High	5320	18.310	-2.17	0.8	23.63	11.00

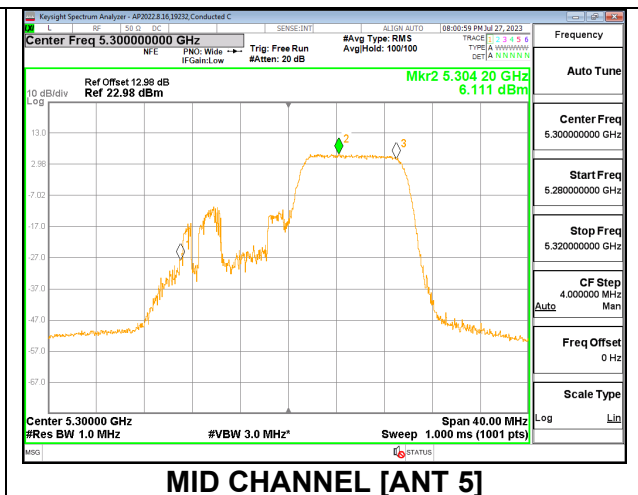
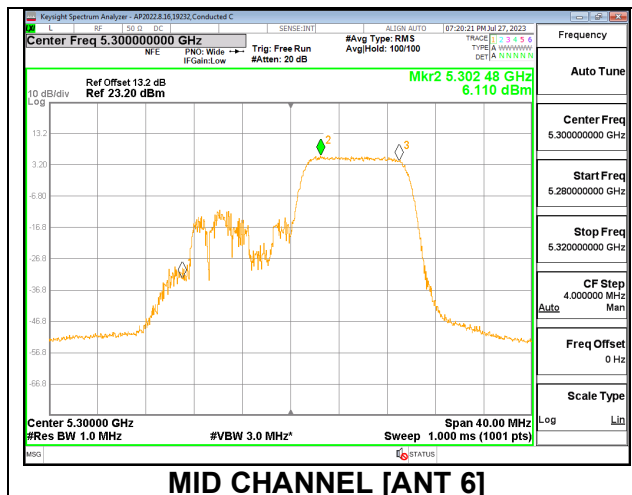
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	14.48	14.44	17.47	23.81	-6.34
Mid	5300	14.49	14.49	17.50	23.73	-6.23
High	5320	14.4	14.49	17.46	23.63	-6.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.396	6.337	9.377	11.00	-1.623
Mid	5300	6.110	6.111	9.121	11.00	-1.879
High	5320	6.165	6.434	9.312	11.00	-1.688



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

Test Engineer:	19336
Test Date:	6/5/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.760	-2.17	0.8	23.96	11.00
Mid	5300	19.760	-2.17	0.8	23.96	11.00
High	5320	19.570	-2.17	0.8	23.92	11.00

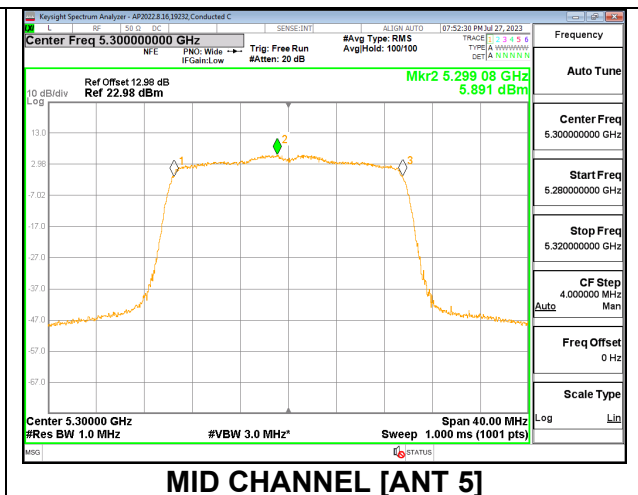
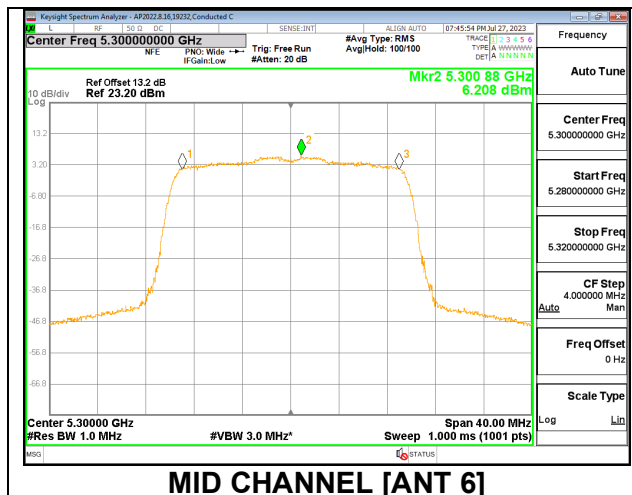
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.43	16.49	19.47	23.96	-4.49
Mid	5300	16.4	16.49	19.46	23.96	-4.50
High	5320	16.47	16.4	19.45	23.92	-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	6.005	6.045	9.035	11.00	-1.965
Mid	5300	6.208	5.891	9.063	11.00	-1.937
High	5320	6.111	6.135	9.133	11.00	-1.867



9.4.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	19.430	-3.1	23.88	11.00
High	5310	19.080	-3.1	23.81	11.00

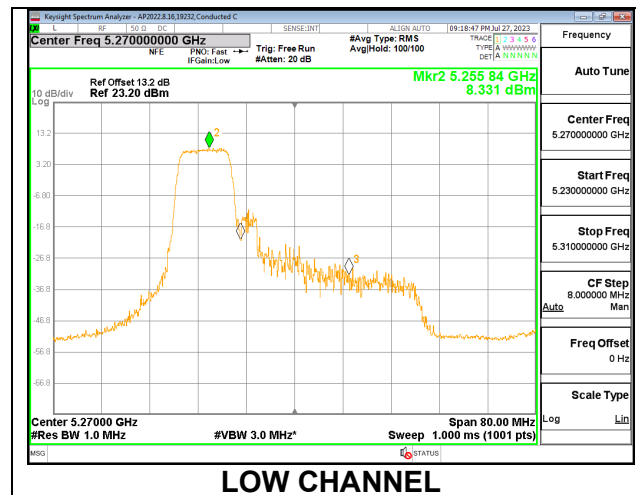
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.46	16.46	23.88	-7.42
High	5310	14.96	14.96	23.81	-8.85

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.331	8.331	11.00	-2.669
High	5310	6.377	6.377	11.00	-4.623



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.350	-3.1	24.00	11.00
High	5310	20.310	-3.1	24.00	11.00

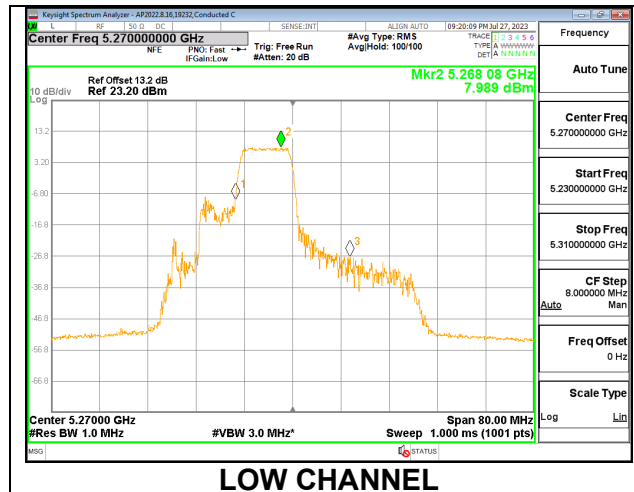
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.46	16.46	24.00	-7.54
High	5310	14.94	14.94	24.00	-9.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.989	7.989	11.00	-3.011
High	5310	6.202	6.202	11.00	-4.798



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.210	-3.1	24.00	11.00
High	5310	20.050	-3.1	24.00	11.00

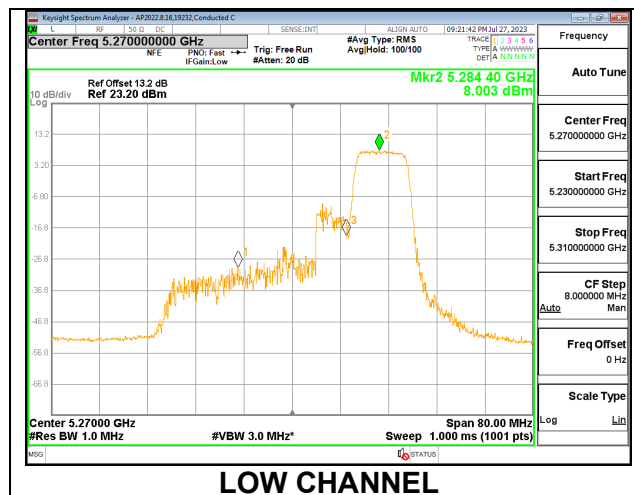
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.47	16.47	24.00	-7.53
High	5310	14.96	14.96	24.00	-9.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.003	8.003	11.00	-2.997
High	5310	6.242	6.242	11.00	-4.758



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	6/5/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	39.460	-3.1	24.00	11.00
High	5310	39.460	-3.1	24.00	11.00

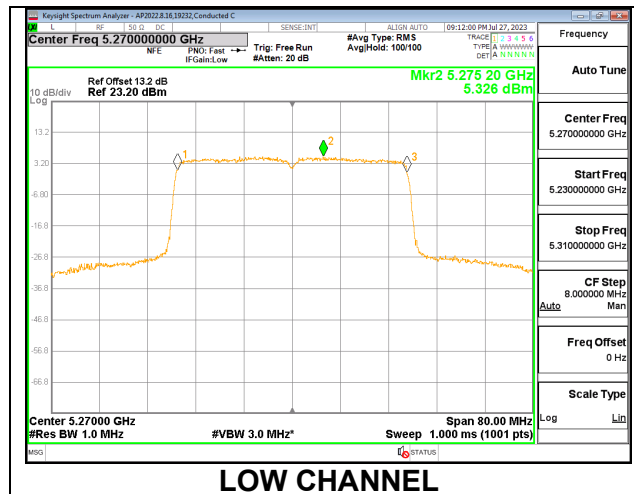
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.93	19.93	24.00	-4.07
High	5310	15.96	15.96	24.00	-8.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	5.326	5.456	11.00	-5.544
High	5310	1.328	1.458	11.00	-9.542



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

Test Engineer:	32181/23560
Test Date:	8/09/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	19.660	-1.4	23.94	11.00
High	5310	19.350	-1.4	23.87	11.00

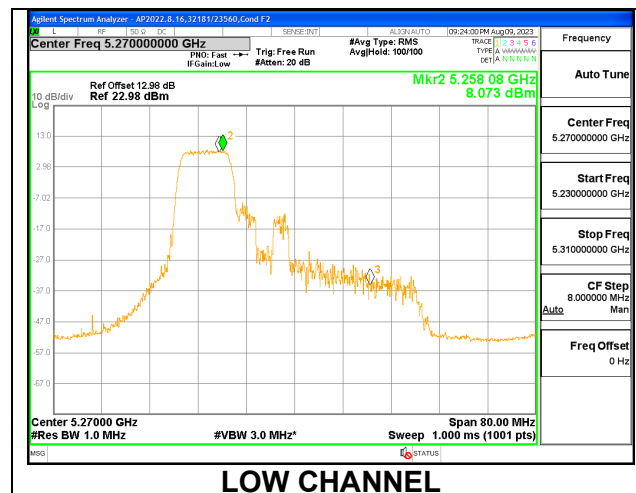
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.46	16.46	23.94	-7.48
High	5310	14.91	14.91	23.87	-8.96

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.073	8.073	11.00	-2.927
High	5310	6.471	6.471	11.00	-4.529



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

Test Engineer:	19336
Test Date:	6/5/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.320	-1.4	24.00	11.00
High	5310	21.720	-1.4	24.00	11.00

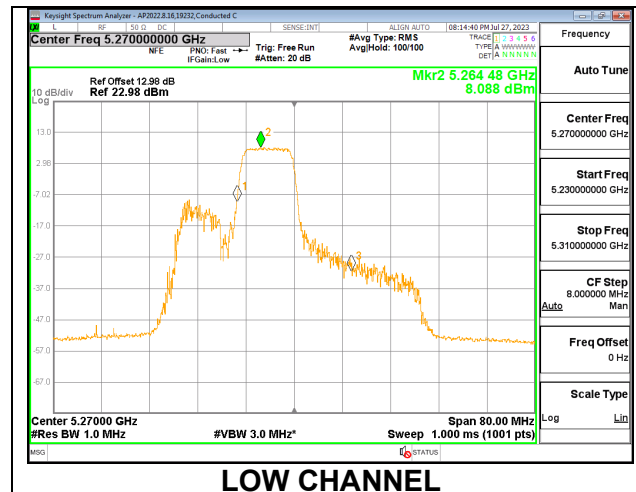
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.39	16.39	24.00	-7.61
High	5310	14.97	14.97	24.00	-9.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.088	8.088	11.00	-2.912
High	5310	6.343	6.343	11.00	-4.657



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

Test Engineer:	19336
Test Date:	6/5/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.110	-1.4	24.00	11.00
High	5310	19.040	-1.4	23.80	11.00

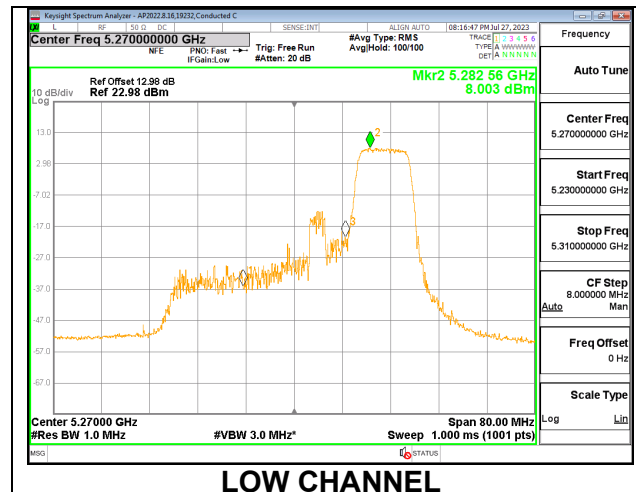
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.43	16.43	24.00	-7.57
High	5310	14.89	14.89	23.80	-8.91

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.003	8.003	11.00	-2.997
High	5310	6.449	6.449	11.00	-4.551



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	6/5/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	39.810	-1.4	24.00	11.00
High	5310	39.590	-1.4	24.00	11.00

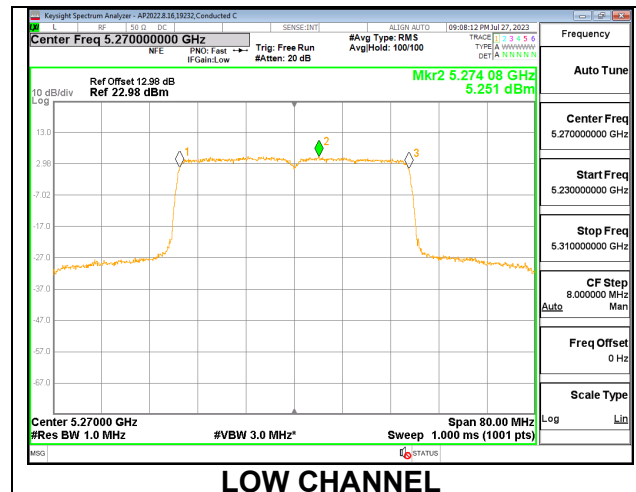
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.95	19.95	24.00	-4.05
High	5310	15.96	15.96	24.00	-8.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	5.251	5.381	11.00	-5.619
High	5310	1.500	1.630	11.00	-9.370



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	19.160	-2.17	0.8	23.82	11.00
High	5310	18.870	-2.17	0.8	23.76	11.00

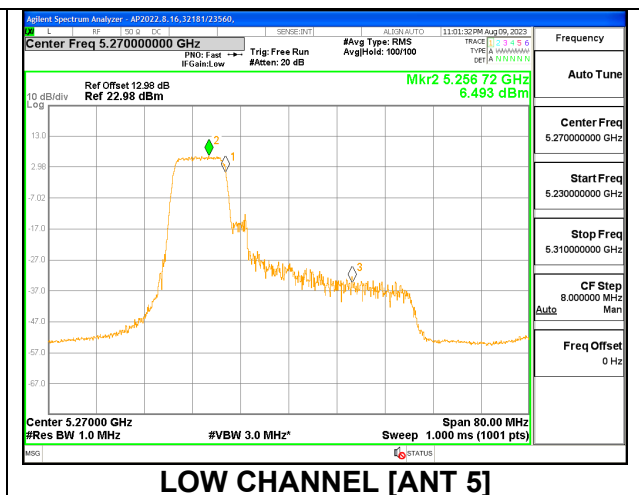
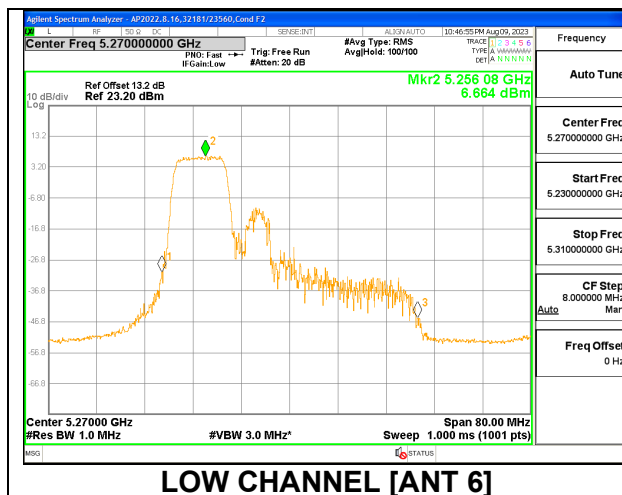
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	14.45	14.47	17.47	23.82	-6.35
High	5310	14.48	14.49	17.50	23.76	-6.26

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	6.664	6.493	9.590	11.00	-1.410
High	5310	6.536	6.575	9.566	11.00	-1.434



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.380	-2.17	0.8	24.00	11.00
High	5310	20.600	-2.17	0.8	24.00	11.00

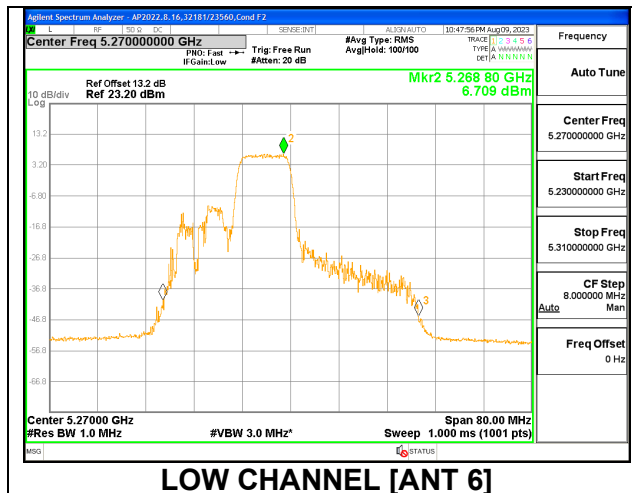
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	14.47	14.43	17.46	24.00	-6.54
High	5310	14.43	14.49	17.47	24.00	-6.53

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.709	6.574	9.652	11.00	-1.348
High	5310	6.372	6.410	9.401	11.00	-1.599



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	18.760	-2.17	0.8	23.73	11.00
High	5310	18.780	-2.17	0.8	23.74	11.00

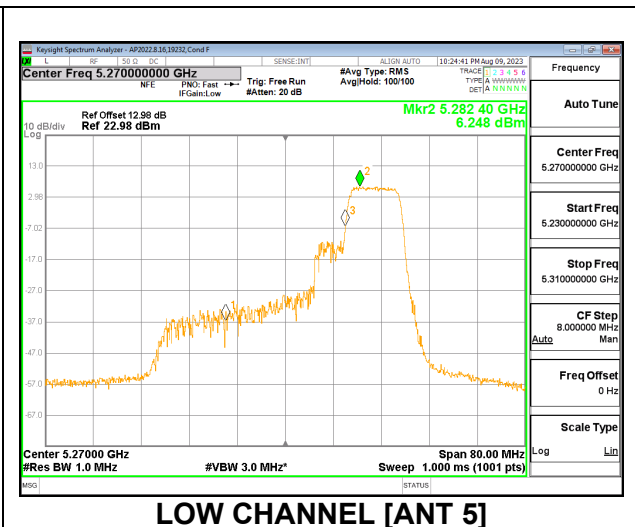
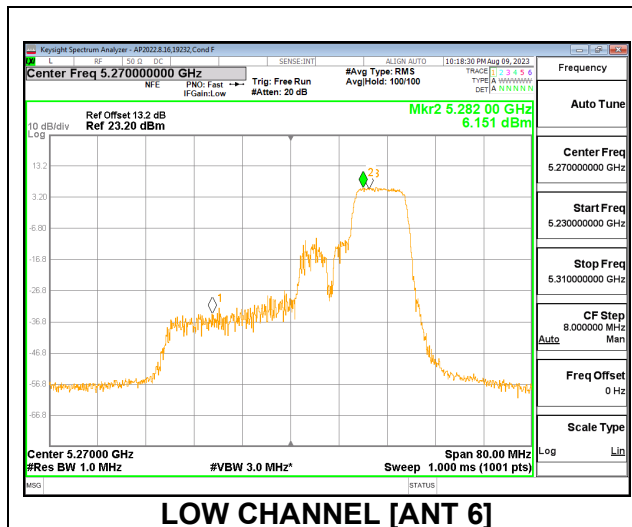
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	14.49	14.49	17.50	23.73	-6.23
High	5310	14.44	14.4	17.43	23.74	-6.31

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	6.151	6.248	9.210	11.00	-1.790
High	5310	6.004	6.039	9.032	11.00	-1.968



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	39.840	-2.17	0.8	24.00	11.00
High	5310	39.460	-2.17	0.8	24.00	11.00

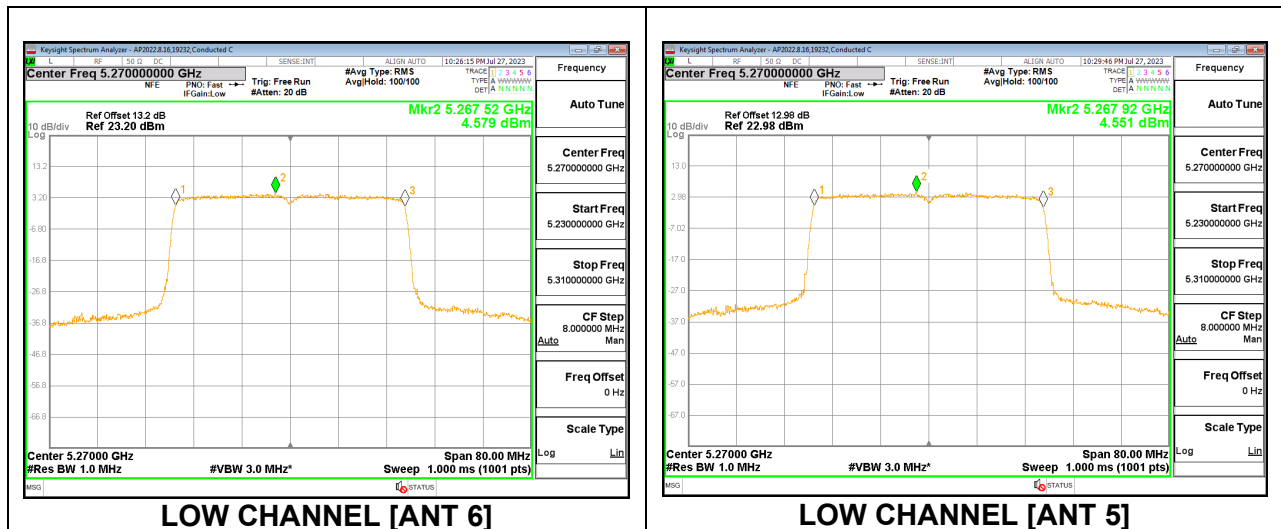
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	18.91	18.95	21.94	24.00	-2.06
High	5310	15.48	15.43	18.47	24.00	-5.53

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	4.579	4.551	7.705	11.00	-3.295
High	5310	0.962	0.996	4.119	11.00	-6.881



9.4.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.180	-3.1	23.83	11.00

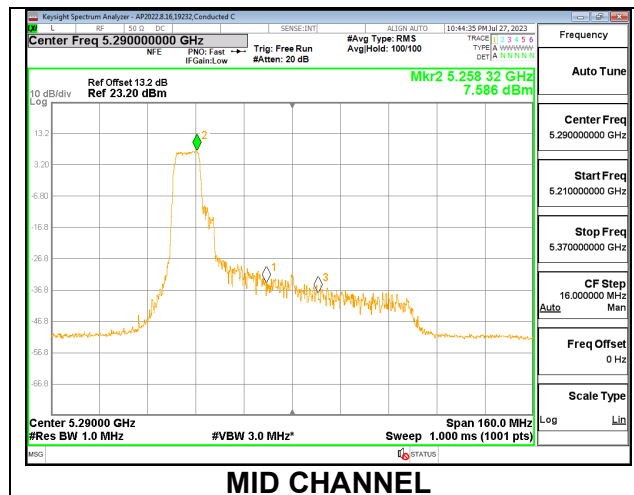
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.98	15.98	23.83	-7.85

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.586	7.586	11.00	-3.414



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.830	-3.1	23.97	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.95	15.95	23.97	-8.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.326	7.326	11.00	-3.674



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.84	-3.1	23.98	11.00

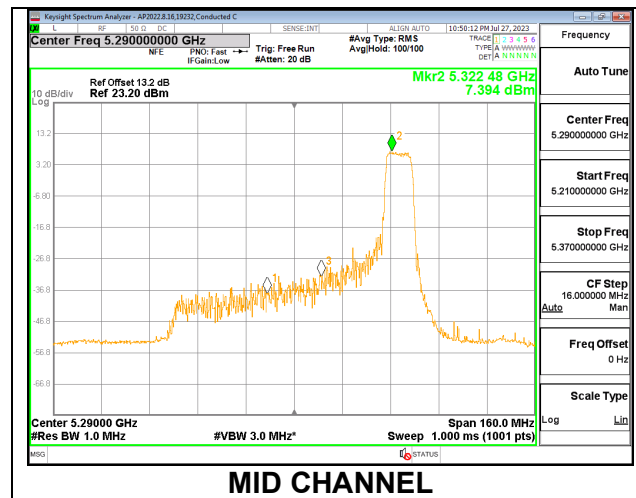
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.97	15.97	23.98	-8.01

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.394	7.394	11.00	-3.606



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	79.740	-3.1	24.00	11.00

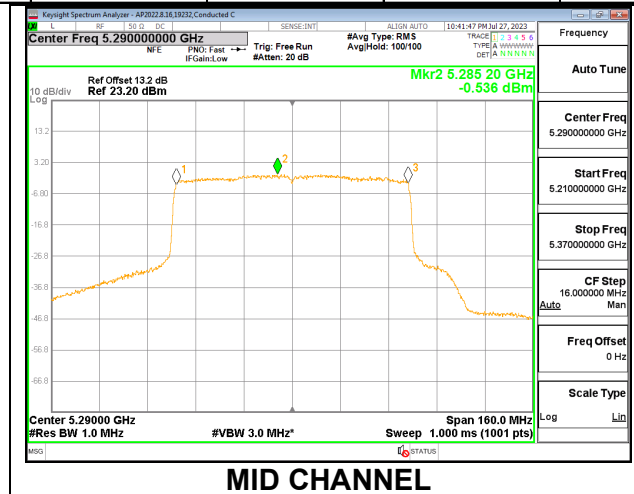
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.92	16.92	24.00	-7.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.536	-0.386	11.00	-11.386



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	18.960	-1.4	23.78	11.00

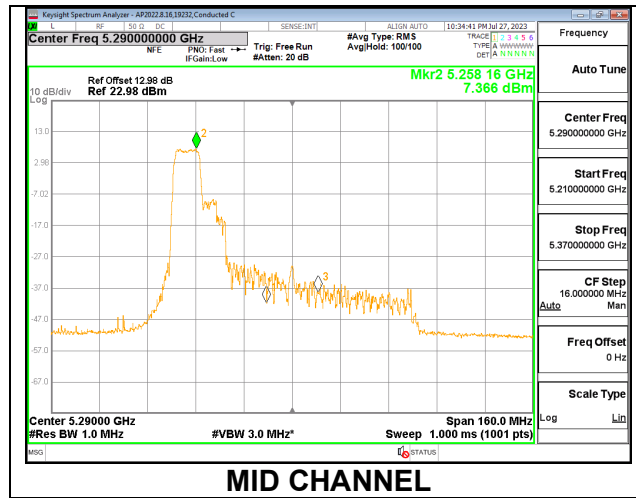
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.94	15.94	23.78	-7.84

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	7.366	7.366	11.00	-3.634



MID CHANNEL

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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.260	-1.4	24.00	11.00

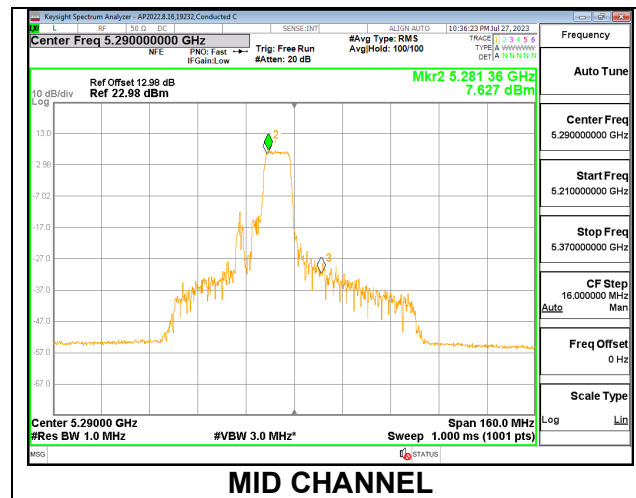
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.90	15.90	24.00	-8.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	7.627	7.627	11.00	-3.373



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.080	-1.4	23.81	11.00

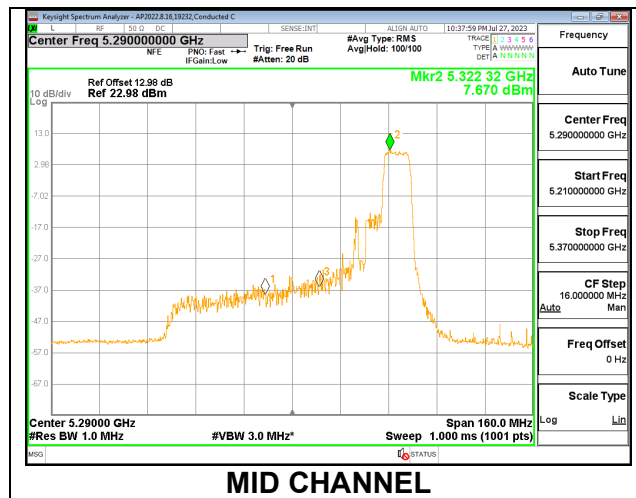
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.96	15.96	23.81	-7.85

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	7.670	7.670	11.00	-3.330



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	79.990	-1.4	24.00	11.00

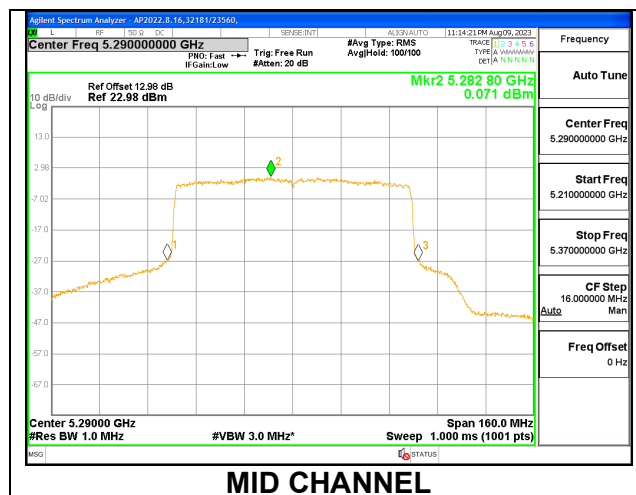
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.88	16.88	24.00	-7.12

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.071	0.221	11.00	-10.779



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

Test Engineer:	19232
Test Date:	07/27/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	18.780	-2.17	0.8	23.74	11.00

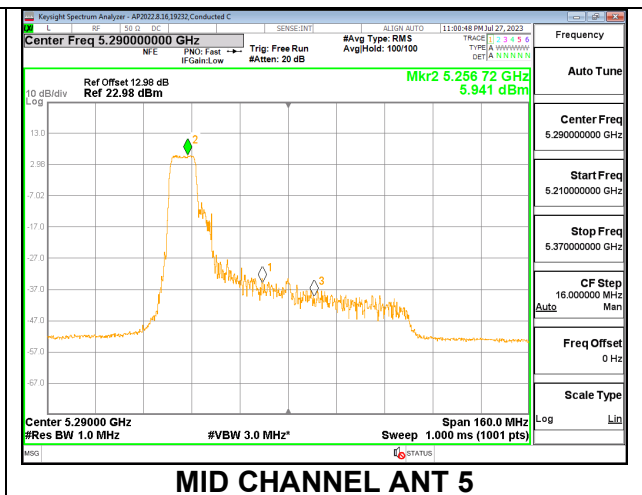
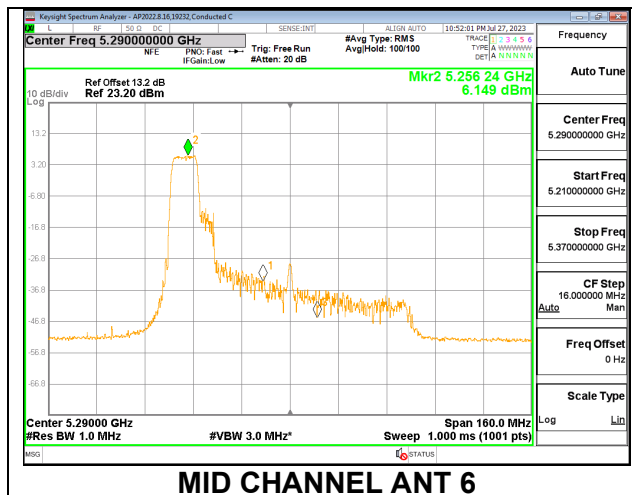
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.39	14.47	17.44	23.74	-6.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.149	5.941	9.057	11.00	-1.943



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

Test Engineer:	19232
Test Date:	07/27/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	18.940	-2.17	0.8	23.77	11.00

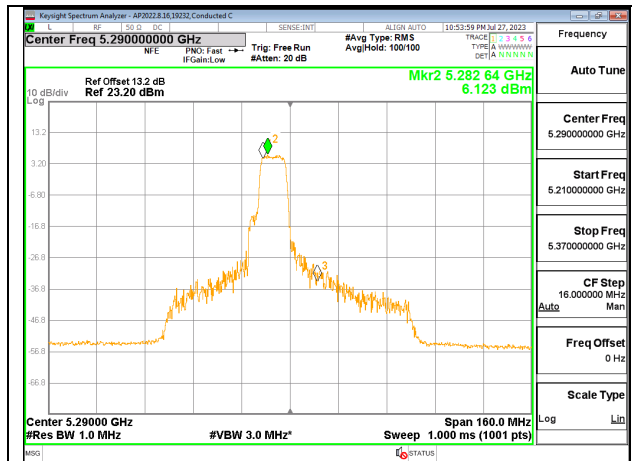
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

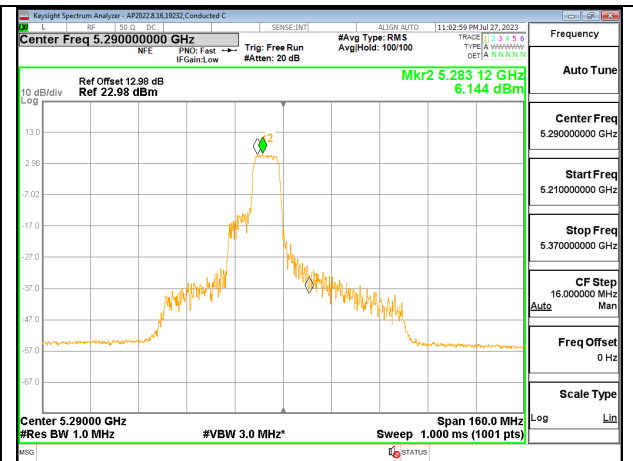
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.49	14.45	17.48	23.77	-6.29

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	6.123	6.144	9.144	11.00	-1.856



MID CHANNEL ANT 6



MID CHANNEL ANT 5

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

Test Engineer:	19232
Test Date:	07/27/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	18.810	-2.17	0.8	23.74	11.00

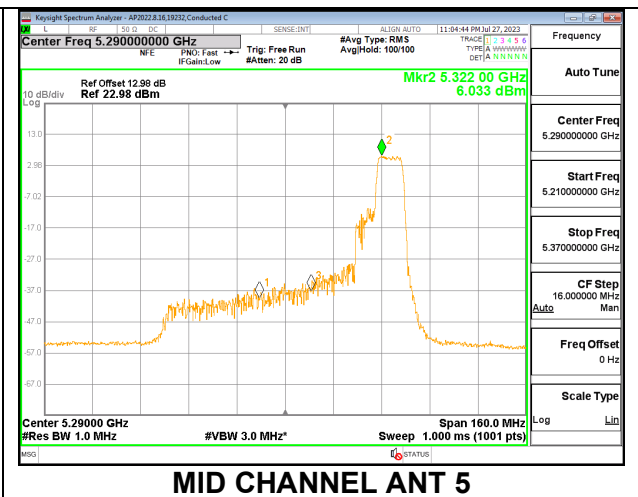
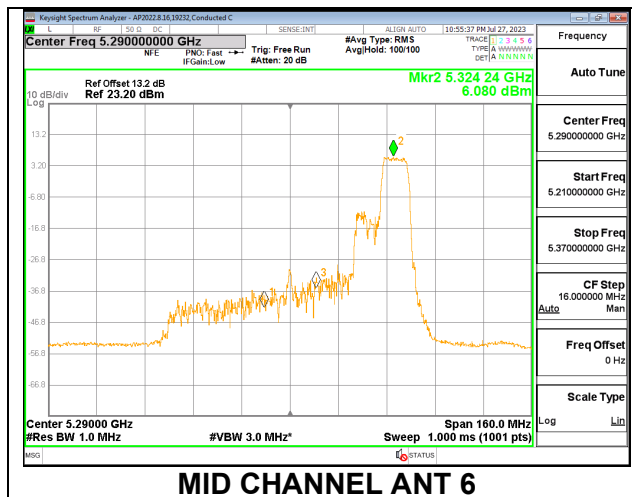
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	14.40	14.46	17.44	23.74	-6.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.080	6.033	9.067	11.00	-1.933



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

Test Engineer:	19336
Test Date:	6/6/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	79.670	-2.17	0.8	24.00	11.00

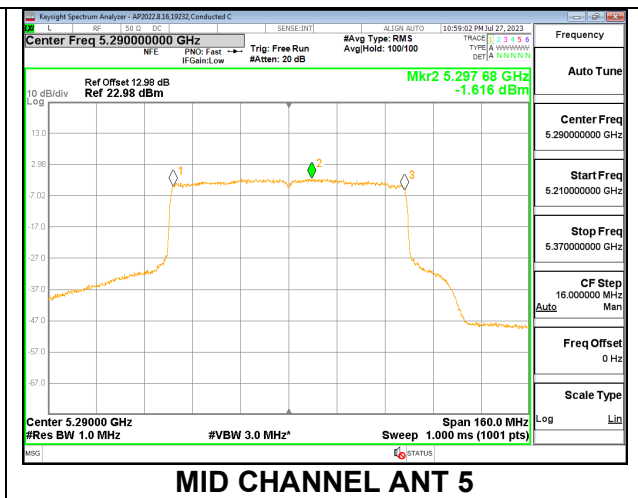
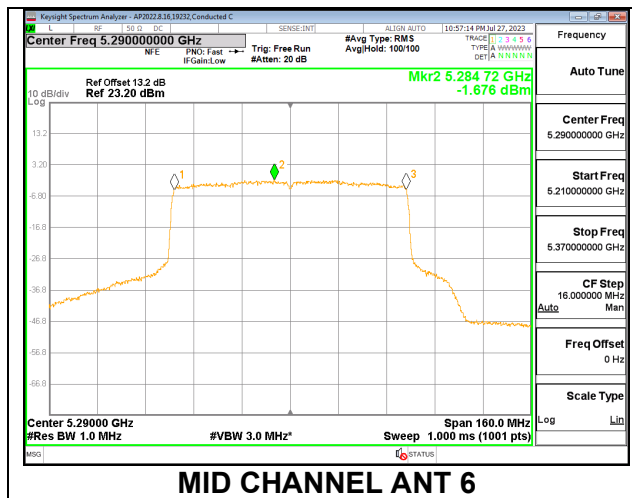
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.92	15.95	18.95	24.00	-5.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-1.676	-1.616	1.514	11.00	-9.486



9.4.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/24/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	22.020	-2.70	24.00	11.00
Mid	5580	20.890	-2.70	24.00	11.00
High	5700	21.800	-2.70	24.00	11.00
144	5720	15.600	-2.70	22.93	11.00

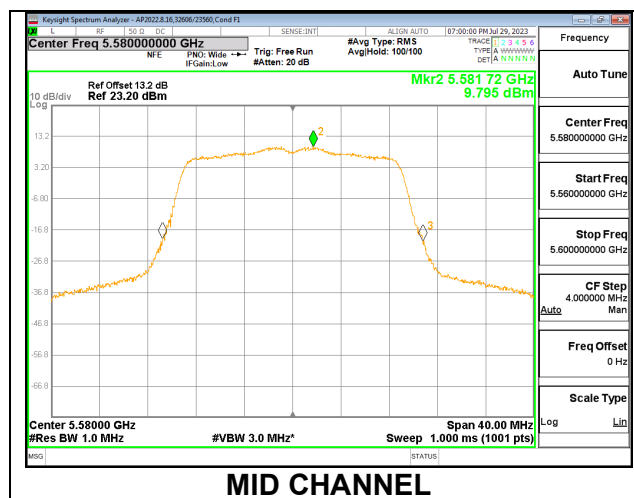
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	19.47	19.47	24.00	-4.53
Mid	5580	19.42	19.42	24.00	-4.58
High	5700	16.96	16.96	24.00	-7.04
144	5720	19.47	19.47	22.93	-3.46

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	9.401	9.401	11.00	-1.599
Mid	5580	9.795	9.795	11.00	-1.205
High	5700	7.337	7.337	11.00	-3.663
144	5720	9.513	9.513	11.00	-1.487



1TX Antenna 5 MODE (FCC)

Test Engineer:	32606/23560
Test Date:	07/29/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	21.360	-1.90	24.00	11.00
Mid	5580	20.830	-1.90	24.00	11.00
High	5700	21.670	-1.90	24.00	11.00
144	5720	15.310	-1.90	22.85	11.00

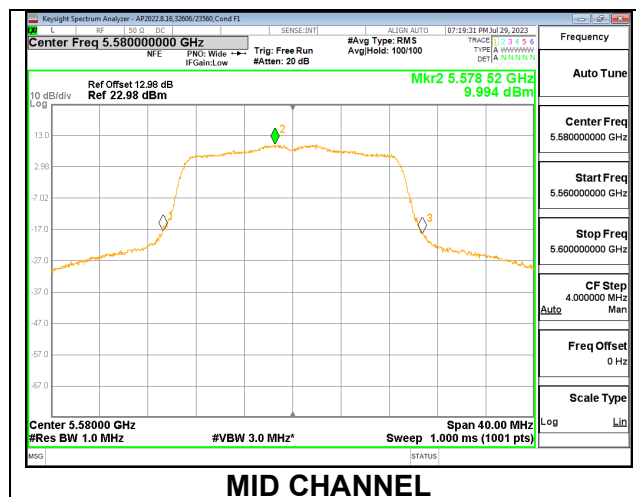
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	19.42	19.42	24.00	-4.58
Mid	5580	19.47	19.47	24.00	-4.53
High	5700	16.90	16.90	24.00	-7.10
144	5720	19.46	19.46	22.85	-3.39

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	9.892	9.892	11.00	-1.108
Mid	5580	9.994	9.994	11.00	-1.006
High	5700	7.013	7.013	11.00	-3.987
144	5720	9.842	9.842	11.00	-1.158



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

Test Engineer:	19232
Test Date:	7/27/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.560	-2.28	0.72	24.00	11.00
Mid	5580	20.640	-2.28	0.72	24.00	11.00
High	5700	20.570	-2.28	0.72	24.00	11.00
144	5720	15.400	-2.28	0.72	22.88	11.00

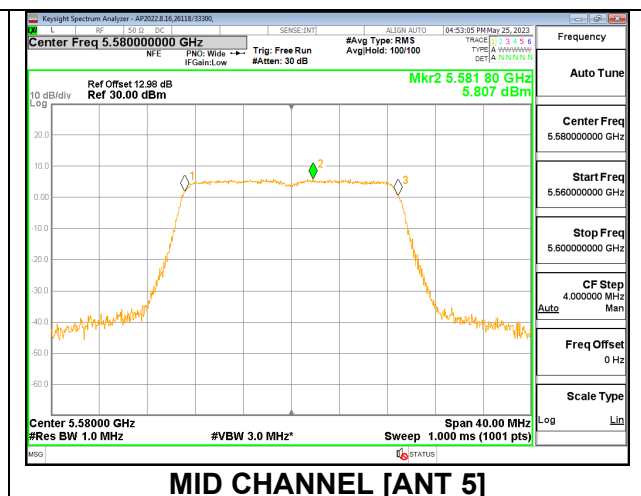
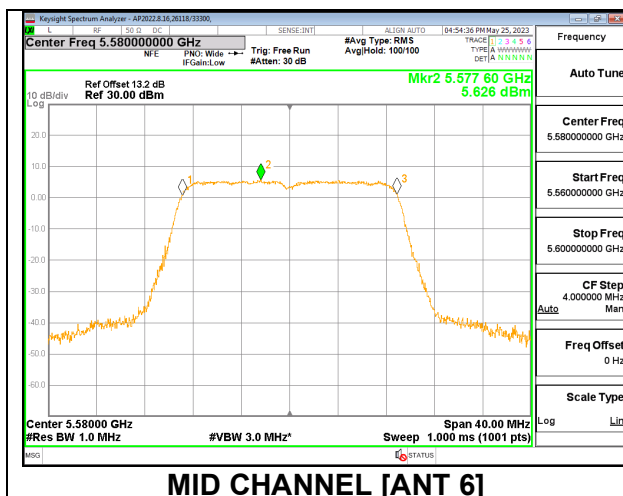
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5500	16.35	16.3	19.34	24.00	-4.66
Mid	5580	16.42	16.33	19.39	24.00	-4.61
High	5700	16.35	16.32	19.35	24.00	-4.65
144	5720	16.48	16.35	19.43	22.88	-3.45

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	5.931	5.870	8.911	11.00	-2.089
Mid	5580	5.626	5.807	8.728	11.00	-2.272
High	5700	5.664	5.517	8.601	11.00	-2.399
144	5720	5.672	5.919	8.808	11.00	-2.192



9.4.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/24/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	42.690	-2.7	24.00	11.00
Mid	5550	40.490	-2.7	24.00	11.00
High	5670	42.580	-2.7	24.00	11.00
142	5710	41.140	-2.7	24.00	11.00

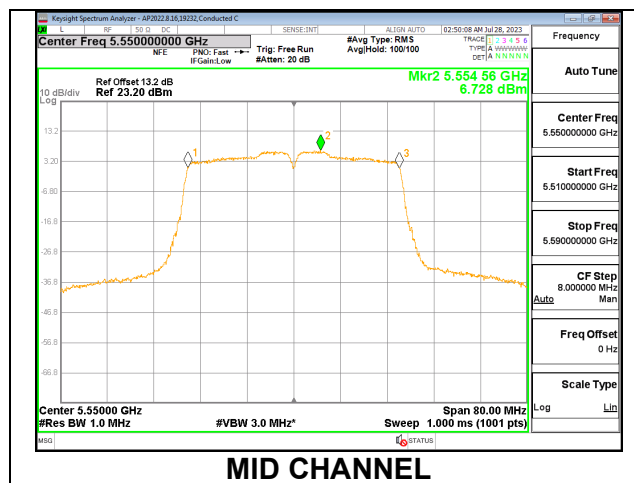
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.81	15.81	24.00	-8.19
Mid	5550	19.88	19.88	24.00	-4.12
High	5670	19.37	19.37	24.00	-4.63
142	5710	19.97	19.97	24.00	-4.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.623	2.623	11.00	-8.377
Mid	5550	6.728	6.728	11.00	-4.272
High	5670	6.807	6.807	11.00	-4.193
142	5710	7.296	7.296	11.00	-3.704



1TX Antenna 5 MODE (FCC)

Test Engineer:	26118
Test Date:	5/24/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.510	-1.9	24.00	11.00
Mid	5550	41.390	-1.9	24.00	11.00
High	5670	42.930	-1.9	24.00	11.00
142	5710	40.190	-1.9	24.00	11.00

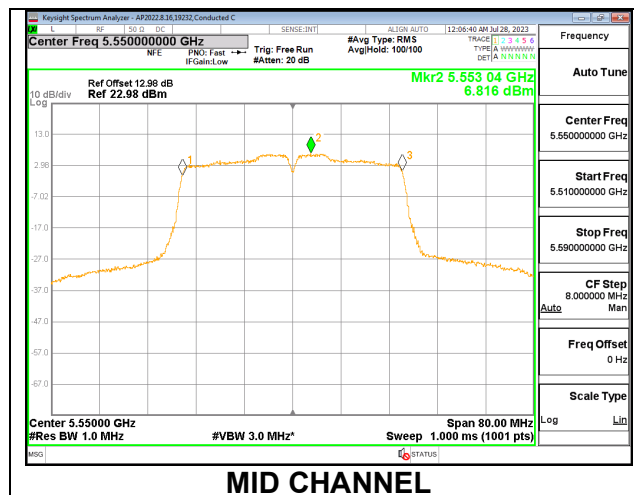
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.94	15.94	24.00	-8.06
Mid	5550	19.97	19.97	24.00	-4.03
High	5670	19.43	19.43	24.00	-4.57
142	5710	19.96	19.96	24.00	-4.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.620	2.620	11.00	-8.380
Mid	5550	6.816	6.816	11.00	-4.184
High	5670	6.629	6.629	11.00	-4.371
142	5710	6.440	6.440	11.00	-4.560



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

Test Engineer:	26118
Test Date:	5/24/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	40.210	-2.28	0.72	24.00	11.00
Mid	5550	41.220	-2.28	0.72	24.00	11.00
High	5670	43.920	-2.28	0.72	24.00	11.00
142	5710	44.530	-2.28	0.72	24.00	11.00

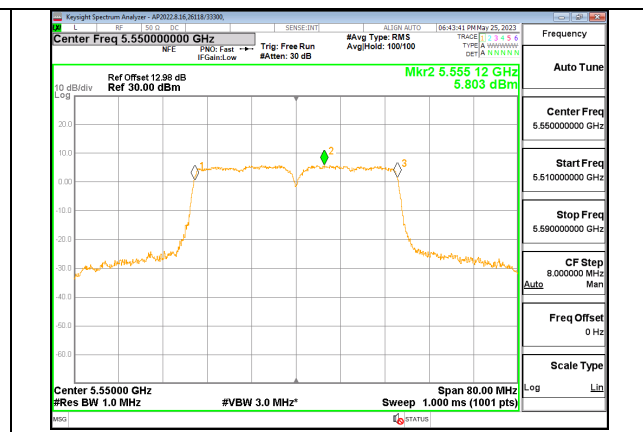
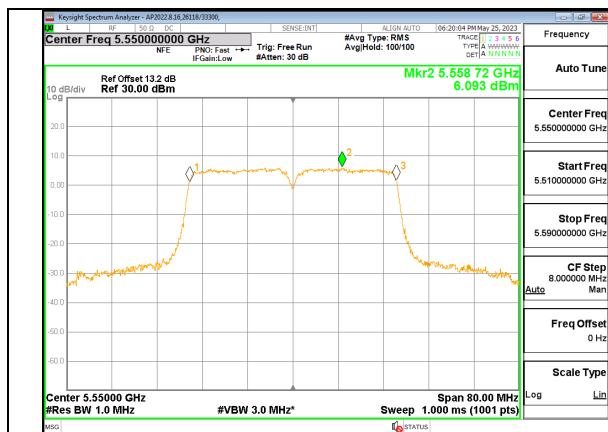
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.92	14.89	17.92	24.00	-6.08
Mid	5550	18.93	18.94	21.95	24.00	-2.05
High	5670	18.86	18.93	21.91	24.00	-2.09
142	5710	18.93	18.9	21.93	24.00	-2.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.331	2.502	5.428	11.00	-5.57
Mid	5550	6.093	5.803	8.961	11.00	-2.04
High	5670	5.586	5.500	8.554	11.00	-2.45
142	5710	5.877	5.899	8.898	11.00	-2.10



9.4.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	5/25/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	80.890	-2.70	24.00	11.00
High	5610	81.970	-2.70	24.00	11.00
138	5690	80.530	-2.70	24.00	11.00

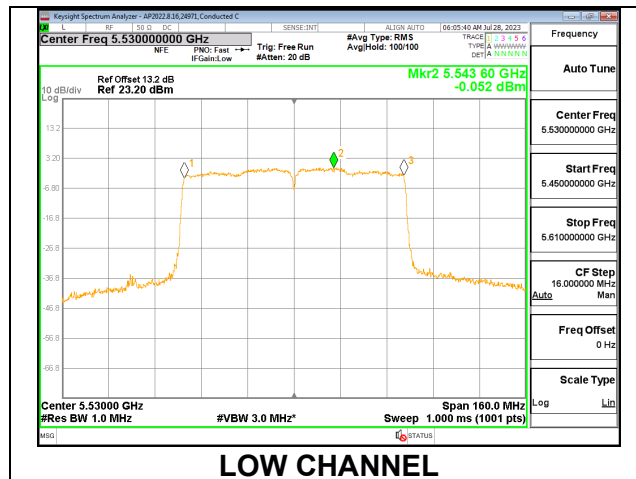
Duty Cycle CF (dB)	0.09	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.97	16.97	24.00	-7.03
High	5610	19.89	19.89	24.00	-4.11
138	5690	19.83	19.83	24.00	-4.17

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	5530	-0.05	0.038	11.00	-10.962
High	5610	3.43	3.519	11.00	-7.481
138	5690	3.50	3.594	11.00	-7.406



1TX Antenna 5 MODE (FCC)

Test Engineer:	24971
Test Date:	07/28/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.140	-1.90	24.00	11.00
High	5610	82.950	-1.90	24.00	11.00
138	5690	80.250	-1.90	24.00	11.00

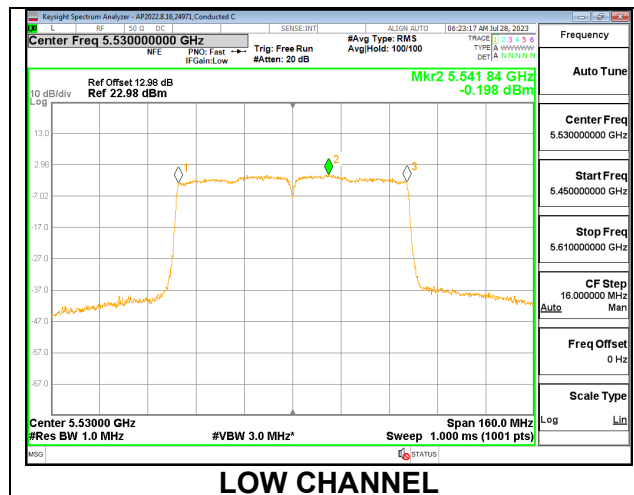
Duty Cycle CF (dB)	0.09	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.82	16.82	24.00	-7.18
High	5610	19.88	19.88	24.00	-4.12
138	5690	19.97	19.97	24.00	-4.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.198	-0.108	11.00	-11.108
High	5610	3.292	3.382	11.00	-7.618
138	5690	3.577	3.667	11.00	-7.333



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

Test Engineer:	26118
Test Date:	5/25/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	80.510	-2.28	0.72	24.00	11.00
High	5610	83.380	-2.28	0.72	24.00	11.00
138	5690	79.930	-2.28	0.72	24.00	11.00

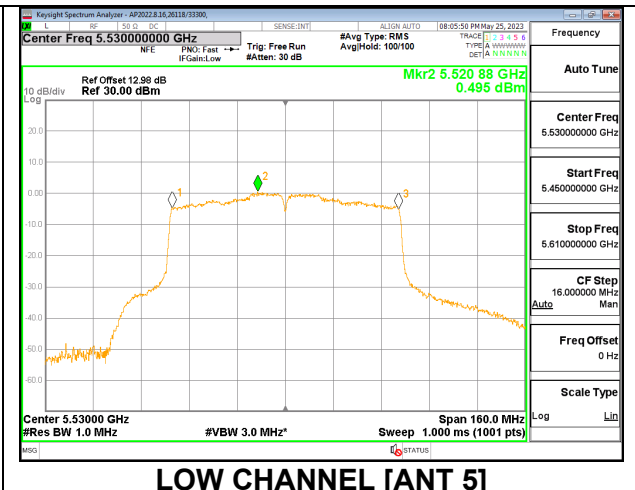
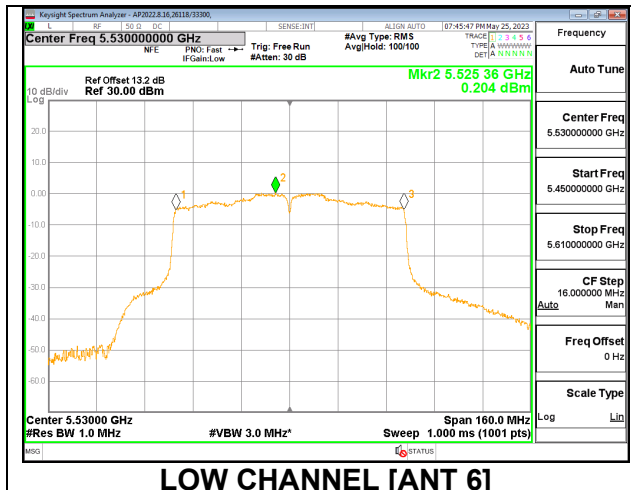
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

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	5530	16.37	16.47	19.43	24.00	-4.57
High	5610	19.89	19.94	22.93	24.00	-1.07
138	5690	19.96	19.96	22.97	24.00	-1.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.204	0.495	3.452	11.00	-7.548
High	5610	3.881	3.850	6.966	11.00	-4.034
138	5690	3.691	3.720	6.806	11.00	-4.194



9.4.16. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

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

Test Engineer:	19336
Test Date:	6/7/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	19.290	-2.7	23.85	11.00
Mid	5580	19.250	-2.7	23.84	11.00
High	5700	19.430	-2.7	23.88	11.00
144	5720	14.690	-2.7	22.67	11.00

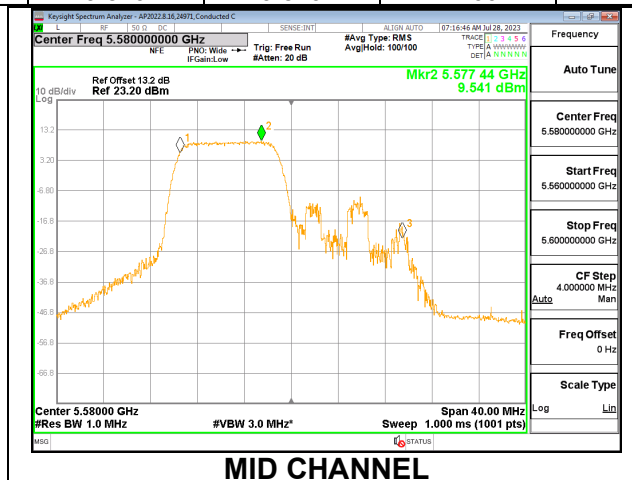
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.48	17.48	23.85	-6.37
Mid	5580	17.42	17.42	23.84	-6.42
High	5700	15.38	15.38	23.88	-8.50
144	5720	17.47	17.47	22.67	-5.20

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	5500	9.444	9.444	11.00	-1.556
Mid	5580	9.541	9.541	11.00	-1.459
High	5700	7.849	7.849	11.00	-3.151
144	5720	9.820	9.820	11.00	-1.180



MID CHANNEL

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

Test Engineer:	19336
Test Date:	6/7/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	20.060	-2.7	24.00	11.00
Mid	5580	20.030	-2.7	24.00	11.00
High	5700	20.190	-2.7	24.00	11.00
144	5720	14.895	-2.7	22.73	11.00

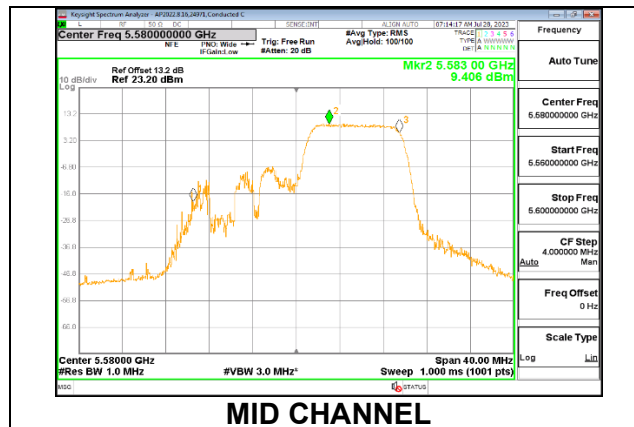
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.33	17.33	24.00	-6.67
Mid	5580	17.32	17.32	24.00	-6.68
High	5700	15.41	15.41	24.00	-8.59
144	5720	17.48	17.48	22.73	-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	5500	9.324	9.324	11.00	-1.676
Mid	5580	9.406	9.406	11.00	-1.594
High	5700	7.826	7.826	11.00	-3.174
144	5720	9.699	9.699	11.00	-1.301



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/25/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	21.200	-2.7	24.00	11.00
Mid	5580	20.500	-2.7	24.00	11.00
High	5700	20.610	-2.7	24.00	11.00
144	5720	15.580	-2.7	22.93	11.00

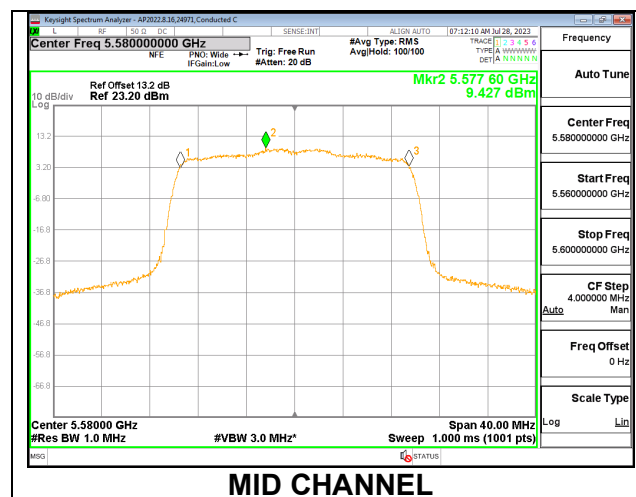
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.95	18.95	24.00	-5.05
Mid	5580	19.46	19.46	24.00	-4.54
High	5700	16.4	16.40	24.00	-7.60
144	5720	19.46	19.46	22.93	-3.47

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.483	8.483	11.00	-2.517
Mid	5580	9.427	9.427	11.00	-1.573
High	5700	6.565	6.565	11.00	-4.435
144	5720	9.743	9.743	11.00	-1.257



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

Test Engineer:	19336
Test Date:	6/8/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	19.210	-1.90	23.84	11.00
Mid	5580	19.270	-1.90	23.85	11.00
High	5700	19.260	-1.90	23.85	11.00
144	5720	14.595	-1.90	22.64	11.00

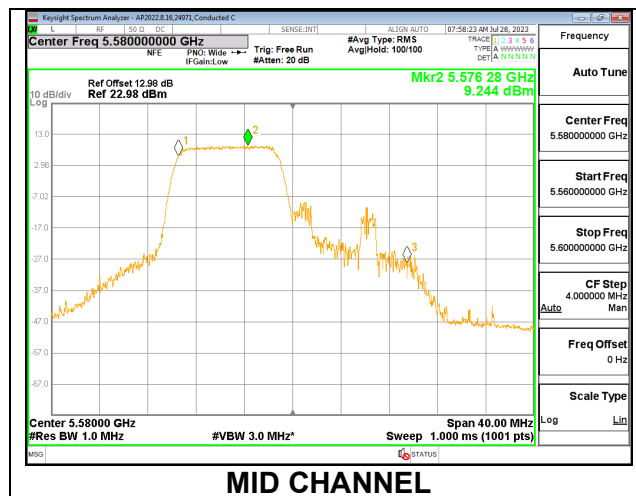
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.32	17.32	23.84	-6.52
Mid	5580	17.36	17.36	23.85	-6.49
High	5700	15.48	15.48	23.85	-8.37
144	5720	17.43	17.43	22.64	-5.21

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	5500	9.018	9.018	11.00	-1.982
Mid	5580	9.244	9.244	11.00	-1.756
High	5700	7.751	7.751	11.00	-3.249
144	5720	9.560	9.560	11.00	-1.440



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

Test Engineer:	19336
Test Date:	6/8/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	19.200	-1.90	23.83	11.00
Mid	5580	20.060	-1.90	24.00	11.00
High	5700	19.510	-1.90	23.90	11.00
144	5720	14.955	-1.90	22.75	11.00

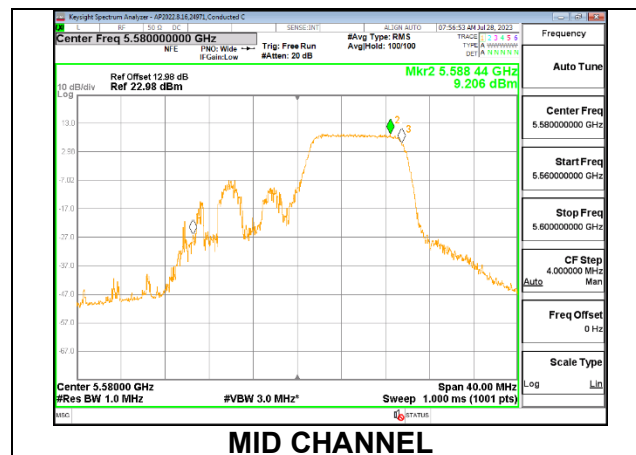
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.39	17.39	23.83	-6.44
Mid	5580	17.31	17.31	24.00	-6.69
High	5700	15.47	15.47	23.90	-8.43
144	5720	17.34	17.34	22.75	-5.41

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	9.091	9.091	11.00	-1.909
Mid	5580	9.206	9.206	11.00	-1.794
High	5700	7.732	7.732	11.00	-3.268
144	5720	9.355	9.355	11.00	-1.645



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	5/25/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	21.220	-1.90	24.00	11.00
Mid	5580	20.740	-1.90	24.00	11.00
High	5700	21.250	-1.90	24.00	11.00
144	5720	15.345	-1.90	22.86	11.00

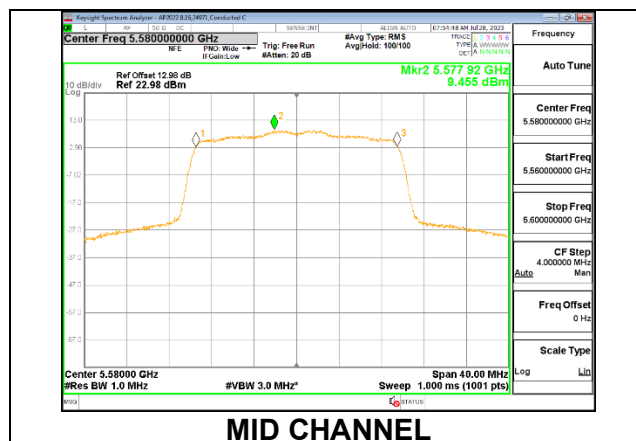
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.9	18.90	24.00	-5.10
Mid	5580	19.48	19.48	24.00	-4.52
High	5700	16.35	16.35	24.00	-7.65
144	5720	19.48	19.48	22.86	-3.38

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.432	8.432	11.00	-2.568
Mid	5580	9.455	9.455	11.00	-1.545
High	5700	6.736	6.736	11.00	-4.264
144	5720	9.574	9.574	11.00	-1.426



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

Test Engineer:	19336
Test Date:	6/7/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.100	-2.28	0.72	23.81	11.00
Mid	5580	19.240	-2.28	0.72	23.84	11.00
High	5700	19.250	-2.28	0.72	23.84	11.00
144	5720	14.640	-2.28	0.72	22.66	11.00

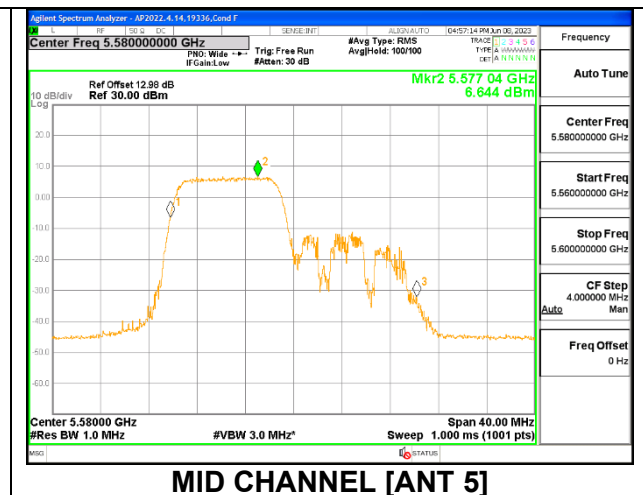
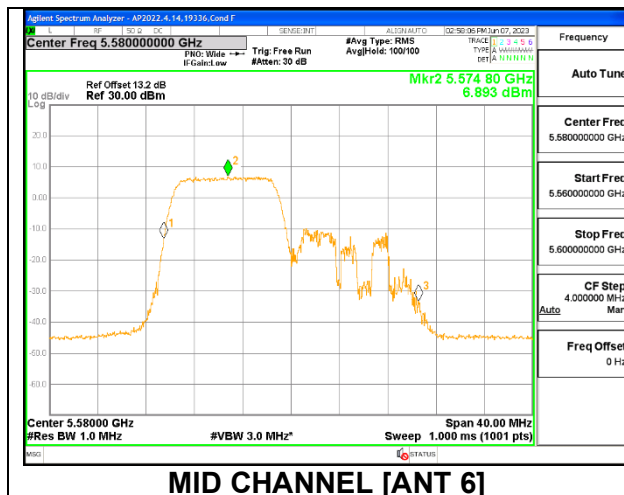
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.43	14.41	17.43	23.81	-6.38
Mid	5580	14.49	14.47	17.49	23.84	-6.35
High	5700	14.41	14.4	17.42	23.84	-6.43
144	5720	14.49	14.41	17.46	22.66	-5.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.522	6.779	9.663	11.00	-1.337
Mid	5580	6.893	6.644	9.781	11.00	-1.219
High	5700	6.635	6.575	9.615	11.00	-1.385
144	5720	6.698	6.722	9.720	11.00	-1.280



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

Test Engineer:	19336
Test Date:	6/7/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.210	-2.28	0.72	23.84	11.00
Mid	5580	19.330	-2.28	0.72	23.86	11.00
High	5700	19.140	-2.28	0.72	23.82	11.00
144	5720	14.525	-2.28	0.72	22.62	11.00

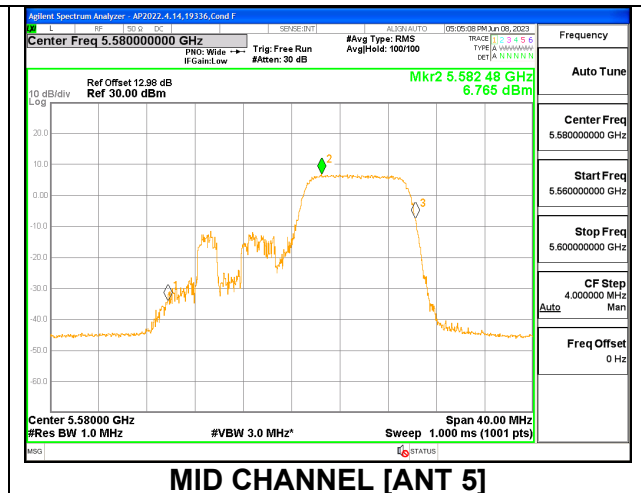
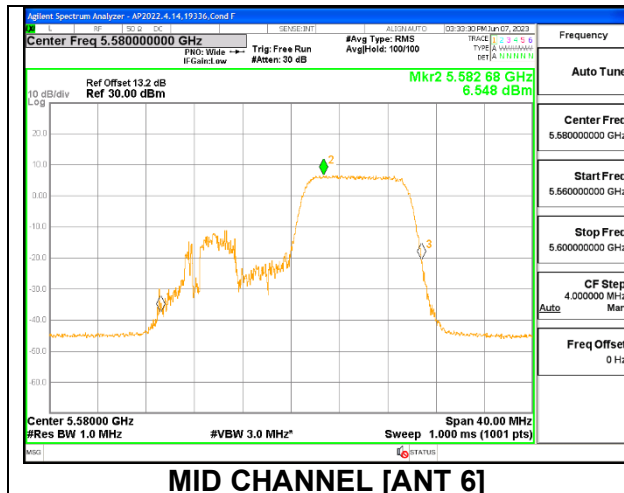
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.43	14.48	17.47	23.84	-6.37
Mid	5580	14.4	14.49	17.46	23.86	-6.41
High	5700	14.48	14.41	17.46	23.82	-6.36
144	5720	14.47	14.42	17.46	22.62	-5.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.730	6.512	9.633	11.00	-1.367
Mid	5580	6.548	6.765	9.668	11.00	-1.332
High	5700	6.749	6.599	9.685	11.00	-1.315
144	5720	6.548	6.589	9.579	11.00	-1.421



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

Test Engineer:	26118
Test Date:	5/25/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.900	-2.28	0.72	24.00	11.00
Mid	5580	20.460	-2.28	0.72	24.00	11.00
High	5700	21.150	-2.28	0.72	24.00	11.00
144	5720	15.315	-2.28	0.72	22.85	11.00

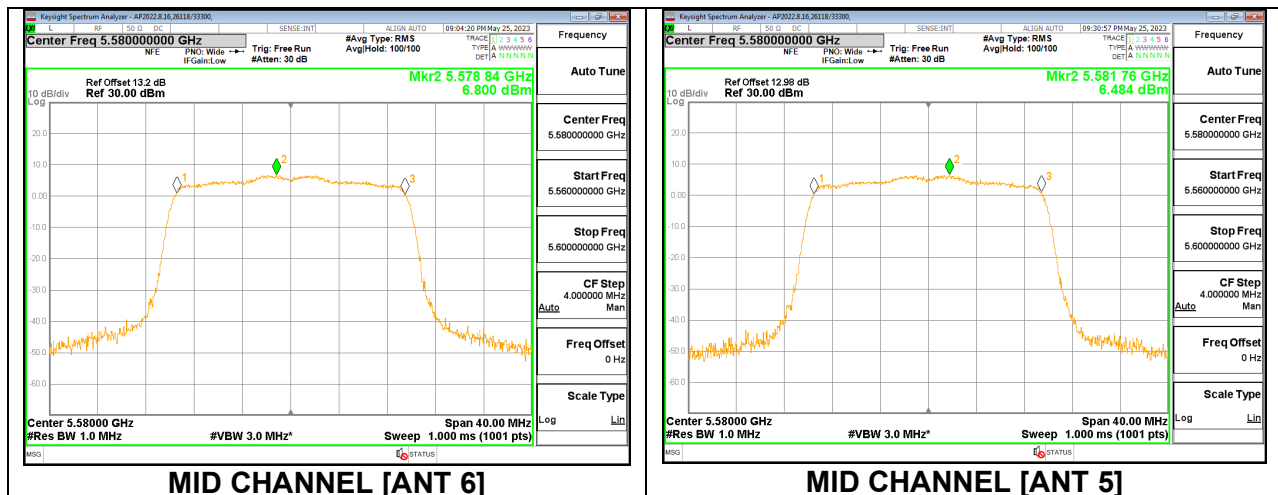
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.46	16.44	19.46	24.00	-4.54
Mid	5580	16.45	16.45	19.46	24.00	-4.54
High	5700	15.94	15.96	18.96	24.00	-5.04
144	5720	16.39	16.45	19.43	22.85	-3.42

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	6.878	6.908	9.903	11.00	-1.097
Mid	5580	6.800	6.484	9.655	11.00	-1.345
High	5700	5.995	6.011	9.013	11.00	-1.987
144	5720	6.782	7.032	9.919	11.00	-1.081



9.4.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

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

Test Engineer:	19336
Test Date:	6/11/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	19.590	-2.7	23.92	11.00
Mid	5550	19.910	-2.7	23.99	11.00
High	5670	20.210	-2.7	24.00	11.00
142	5710	19.940	-2.7	24.00	11.00

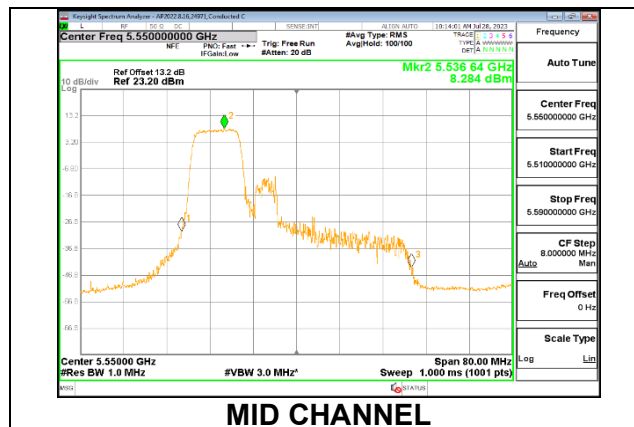
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.89	14.89	23.92	-9.03
Mid	5550	16.38	16.38	23.99	-7.61
High	5670	16.40	16.40	24.00	-7.60
142	5710	16.49	16.49	24.00	-7.51

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	6.769	6.769	11.00	-4.231
Mid	5550	8.284	8.284	11.00	-2.716
High	5670	8.700	8.700	11.00	-2.300
142	5710	9.000	9.000	11.00	-2.000



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

Test Engineer:	24971
Test Date:	07/28/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	20.480	-2.70	24.00	11.00
Mid	5550	20.970	-2.70	24.00	11.00
High	5670	20.780	-2.70	24.00	11.00
142	5710	20.540	-2.70	24.00	11.00

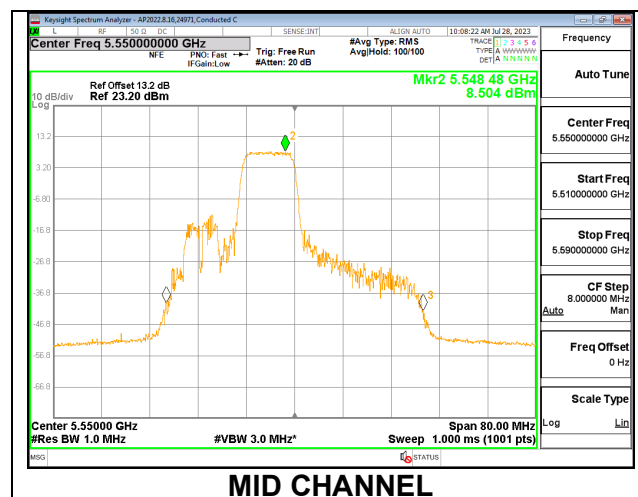
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.85	14.85	24.00	-9.15
Mid	5550	16.46	16.46	24.00	-7.54
High	5670	16.39	16.39	24.00	-7.61
142	5710	16.39	16.39	24.00	-7.61

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.474	6.474	11.00	-4.526
Mid	5550	8.504	8.504	11.00	-2.496
High	5670	8.883	8.883	11.00	-2.117
142	5710	8.986	8.986	11.00	-2.014



MID CHANNEL

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

Test Engineer:	19336
Test Date:	6/11/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	19.280	-2.7	23.85	11.00
Mid	5550	19.570	-2.7	23.92	11.00
High	5670	20.000	-2.7	24.00	11.00
142	5710	19.270	-2.7	23.85	11.00

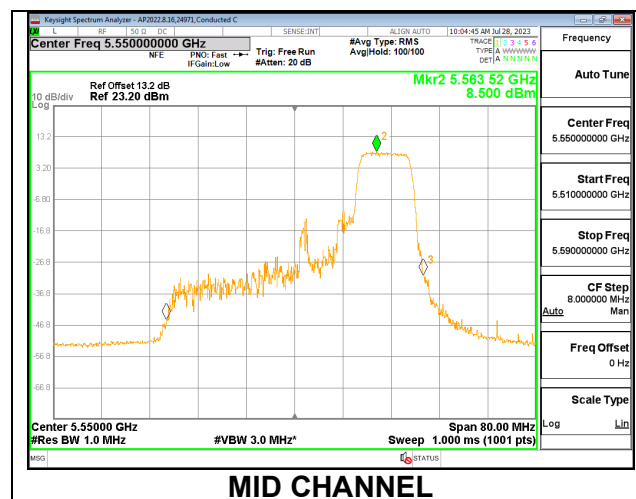
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.93	14.93	23.85	-8.92
Mid	5550	16.47	16.47	23.92	-7.45
High	5670	16.41	16.41	24.00	-7.59
142	5710	16.36	16.36	23.85	-7.49

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.624	6.624	11.00	-4.376
Mid	5550	8.500	8.500	11.00	-2.500
High	5670	8.880	8.880	11.00	-2.120
142	5710	8.594	8.594	11.00	-2.406



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19232
Test Date:	08/16/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	41.630	-2.70	24.00	11.00
Mid	5550	40.850	-2.70	24.00	11.00
High	5670	42.520	-2.70	24.00	11.00
142	5710	40.880	-2.70	24.00	11.00

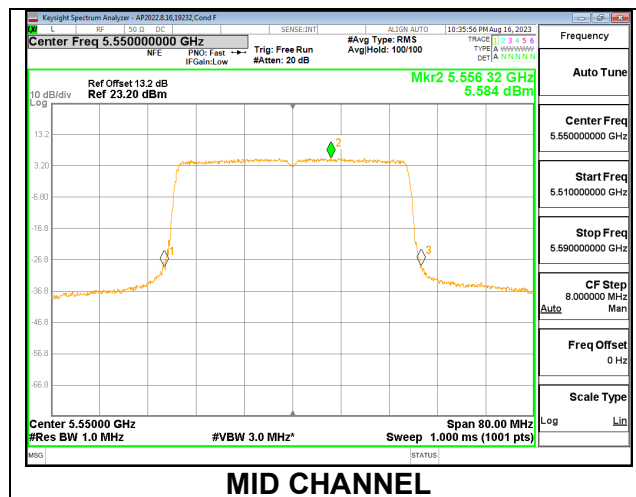
Duty Cycle CF (dB)	0.13	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.88	15.88	24.00	-8.12
Mid	5550	19.92	19.92	24.00	-4.08
High	5670	18.81	18.81	24.00	-5.19
142	5710	19.88	19.88	24.00	-4.12

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	5510	2.396	2.526	11.00	-8.474
Mid	5550	5.584	5.714	11.00	-5.286
High	5670	4.730	4.860	11.00	-6.140
142	5710	6.022	6.152	11.00	-4.848



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

Test Engineer:	19336
Test Date:	6/9/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	19.520	-1.90	23.90	11.00
Mid	5550	19.420	-1.90	23.88	11.00
High	5670	18.830	-1.90	23.75	11.00
142	5710	19.740	-1.90	23.95	11.00

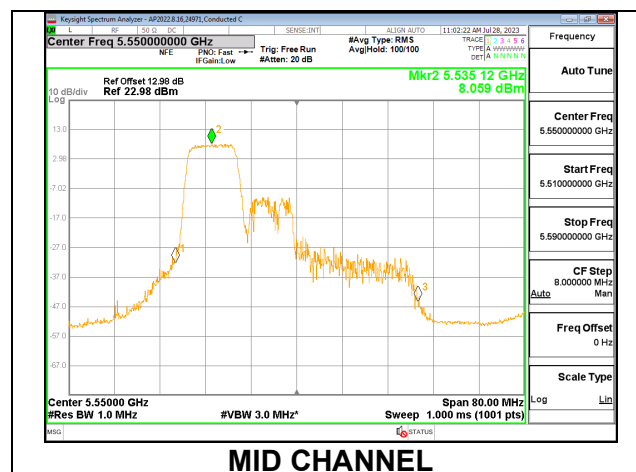
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.97	14.97	23.90	-8.93
Mid	5550	16.38	16.38	23.88	-7.50
High	5670	16.47	16.47	23.75	-7.28
142	5710	16.36	16.36	23.95	-7.59

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.497	6.497	11.00	-4.503
Mid	5550	8.059	8.059	11.00	-2.941
High	5670	8.822	8.822	11.00	-2.178
142	5710	8.682	8.682	11.00	-2.318



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

Test Engineer:	19336
Test Date:	6/9/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	20.820	-1.90	24.00	11.00
Mid	5550	21.000	-1.90	24.00	11.00
High	5670	20.810	-1.90	24.00	11.00
142	5710	20.640	-1.90	24.00	11.00

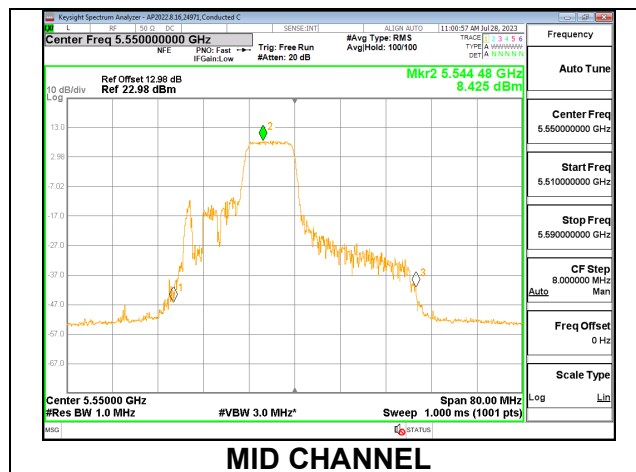
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.87	14.87	24.00	-9.13
Mid	5550	16.47	16.47	24.00	-7.53
High	5670	16.33	16.33	24.00	-7.67
142	5710	16.39	16.39	24.00	-7.61

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.756	6.756	11.00	-4.244
Mid	5550	8.425	8.425	11.00	-2.575
High	5670	8.749	8.749	11.00	-2.251
142	5710	8.887	8.887	11.00	-2.113



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

Test Engineer:	19336
Test Date:	6/9/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	19.040	-1.90	23.80	11.00
Mid	5550	19.260	-1.90	23.85	11.00
High	5670	19.900	-1.90	23.99	11.00
142	5710	20.020	-1.90	24.00	11.00

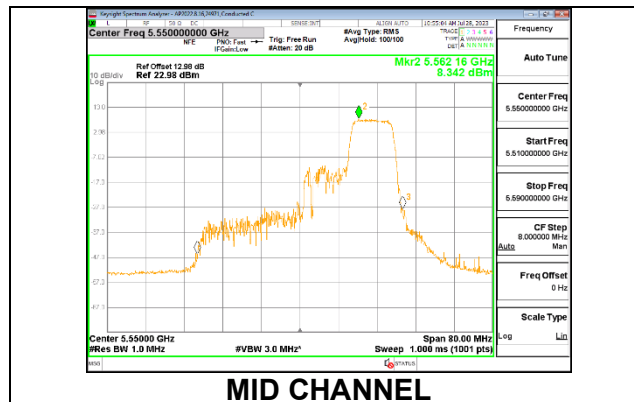
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.95	14.95	23.80	-8.85
Mid	5550	16.32	16.32	23.85	-7.53
High	5670	16.41	16.41	23.99	-7.58
142	5710	16.36	16.36	24.00	-7.64

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	6.863	6.863	11.00	-4.137
Mid	5550	8.342	8.342	11.00	-2.658
High	5670	8.537	8.537	11.00	-2.463
142	5710	8.893	8.893	11.00	-2.107



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19232
Test Date:	08/16/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	41.970	-1.90	24.00	11.00
Mid	5550	40.570	-1.90	24.00	11.00
High	5670	43.180	-1.90	24.00	11.00
142	5710	40.500	-1.90	24.00	11.00

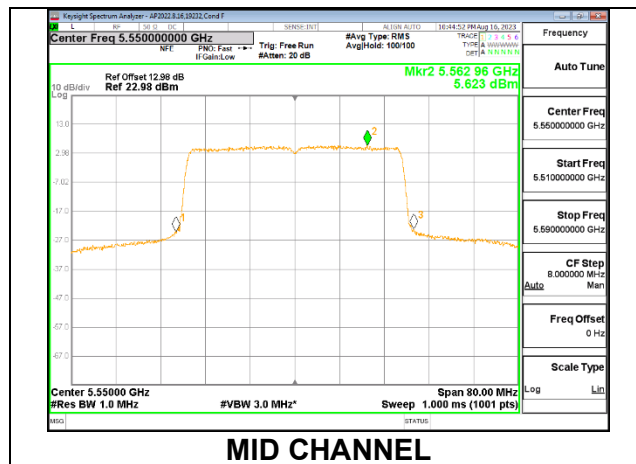
Duty Cycle CF (dB)	0.13	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.86	15.86	24.00	-8.14
Mid	5550	19.99	19.99	24.00	-4.01
High	5670	18.92	18.92	24.00	-5.08
142	5710	19.93	19.93	24.00	-4.07

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	2.275	2.405	11.00	-8.595
Mid	5550	5.623	5.753	11.00	-5.247
High	5670	4.618	4.748	11.00	-6.252
142	5710	6.015	6.145	11.00	-4.855



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

Test Engineer:	26118
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	18.740	-2.28	0.72	23.73	11.00
Mid	5550	18.850	-2.28	0.72	23.75	11.00
High	5670	18.780	-2.28	0.72	23.74	11.00
142	5710	18.880	-2.28	0.72	23.76	11.00

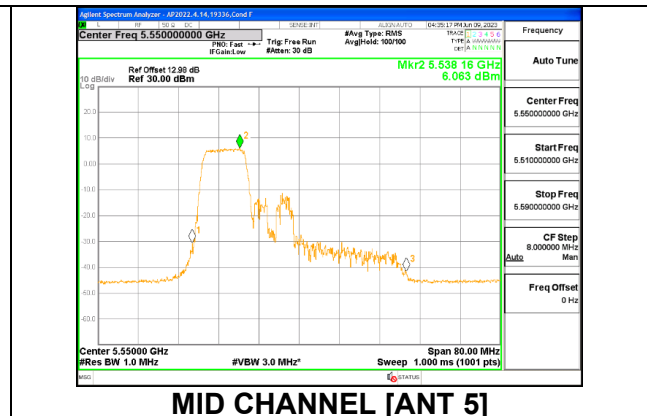
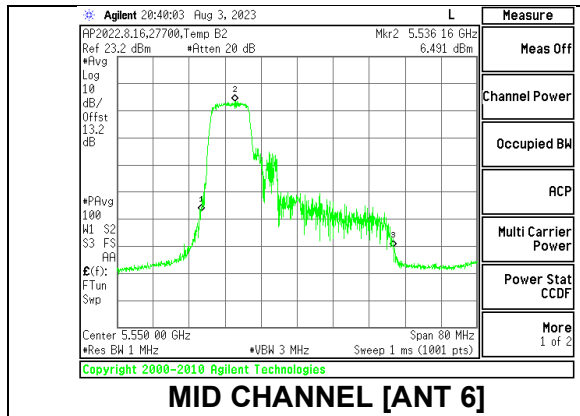
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5510	14.39	14.35	17.38	23.73	-6.35
Mid	5550	14.48	14.36	17.43	23.75	-6.32
High	5670	14.45	14.3	17.39	23.74	-6.35
142	5710	14.35	14.28	17.33	23.76	-6.43

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	6.279	6.126	9.213	11.00	-1.787
Mid	5550	6.491	6.063	9.293	11.00	-1.707
High	5670	6.299	6.368	9.344	11.00	-1.656
142	5710	6.219	6.458	9.350	11.00	-1.650



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

Test Engineer:	19336
Test Date:	6/9/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	20.130	-2.28	0.72	24.00	11.00
Mid	5550	20.010	-2.28	0.72	24.00	11.00
High	5670	19.420	-2.28	0.72	23.88	11.00
142	5710	19.840	-2.28	0.72	23.98	11.00

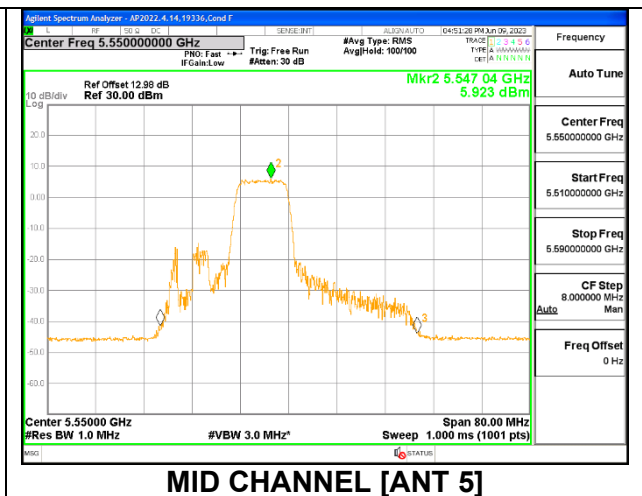
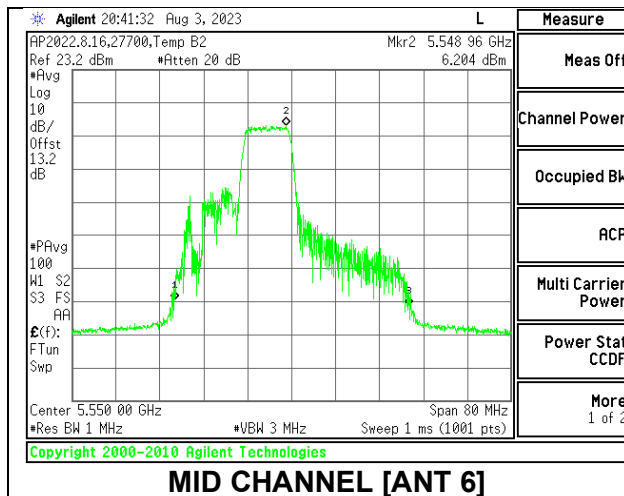
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.43	14.32	17.39	24.00	-6.61
Mid	5550	14.48	14.41	17.46	24.00	-6.54
High	5670	14.37	14.39	17.39	23.88	-6.49
142	5710	14.33	14.49	17.42	23.98	-6.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	6.377	5.928	9.169	11.00	-1.831
Mid	5550	6.204	5.923	9.076	11.00	-1.924
High	5670	6.214	6.370	9.303	11.00	-1.697
142	5710	6.395	6.613	9.516	11.00	-1.484



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

Test Engineer:	19336
Test Date:	6/9/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	18.850	-2.28	0.72	23.75	11.00
Mid	5550	18.780	-2.28	0.72	23.74	11.00
High	5670	19.030	-2.28	0.72	23.79	11.00
142	5710	19.090	-2.28	0.72	23.81	11.00

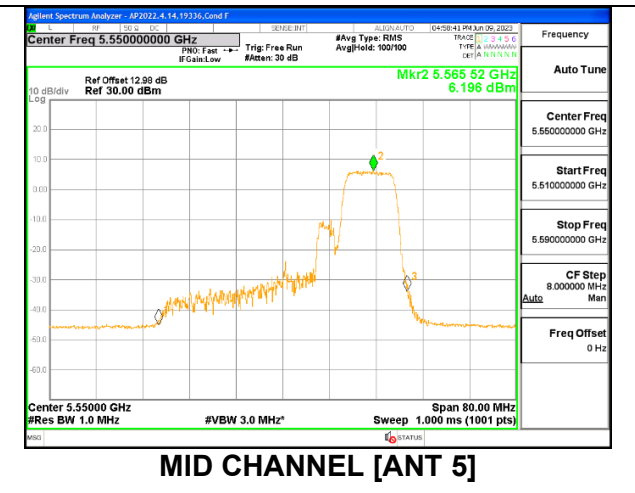
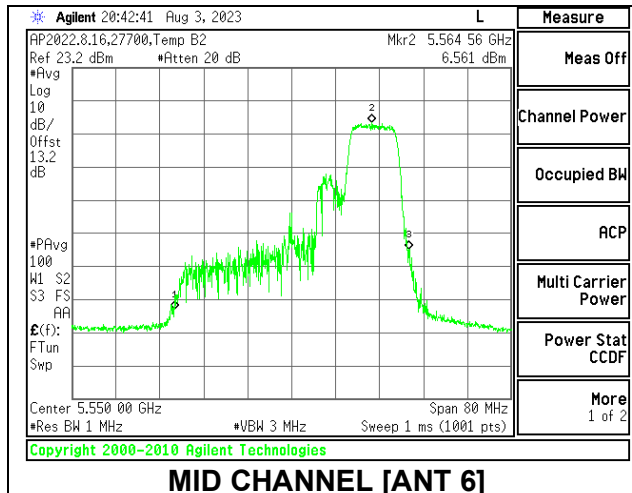
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5510	14.33	14.38	17.37	23.75	-6.39
Mid	5550	14.39	14.42	17.42	23.74	-6.32
High	5670	14.45	14.42	17.45	23.79	-6.35
142	5710	14.46	14.46	17.47	23.81	-6.34

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	6.202	6.172	9.197	11.00	-1.803
Mid	5550	6.561	6.196	9.393	11.00	-1.607
High	5670	6.238	6.475	9.368	11.00	-1.632
142	5710	6.414	6.529	9.482	11.00	-1.518



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

Test Engineer:	19232
Test Date:	08/16/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	40.000	-2.28	0.72	24.00	11.00
Mid	5550	39.290	-2.28	0.72	24.00	11.00
High	5670	39.820	-2.28	0.72	24.00	11.00
142	5710	39.190	-2.28	0.72	24.00	11.00

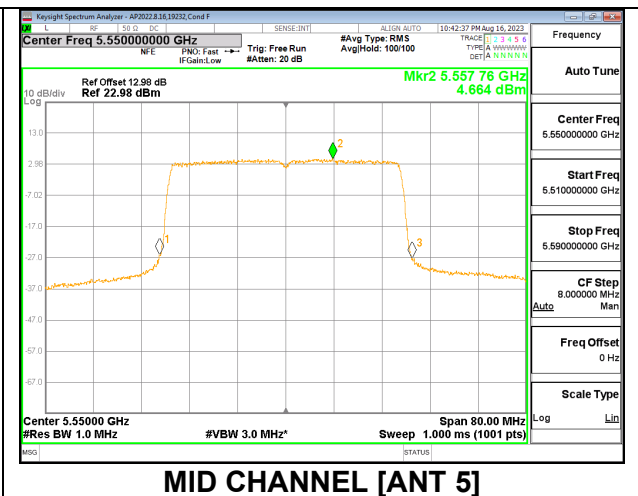
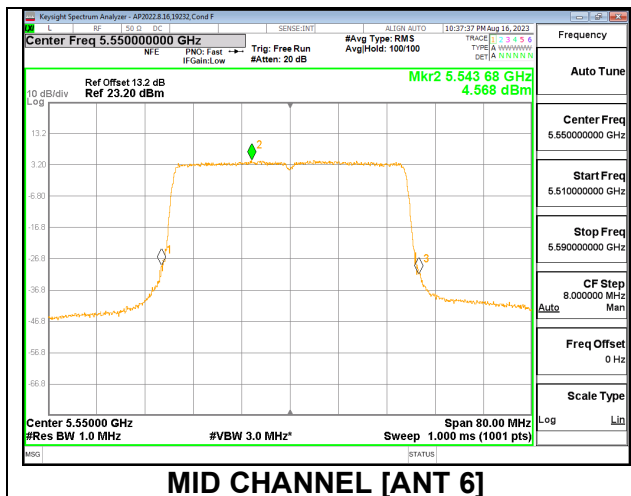
Duty Cycle CF (dB)	0.13	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.47	15.49	18.49	24.00	-5.51
Mid	5550	18.96	18.9	21.94	24.00	-2.06
High	5670	18.4	18.34	21.38	24.00	-2.62
142	5710	18.9	18.99	21.96	24.00	-2.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	1.302	0.934	4.262	11.00	-6.738
Mid	5550	4.568	4.664	7.757	11.00	-3.243
High	5670	4.027	3.939	7.124	11.00	-3.876
142	5710	5.877	5.899	9.028	11.00	-1.972



9.4.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

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

Test Engineer:	26118
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	21.640	-2.7	24.00	11.00
High	5610	20.960	-2.7	24.00	11.00
138	5690	20.740	-2.7	24.00	11.00

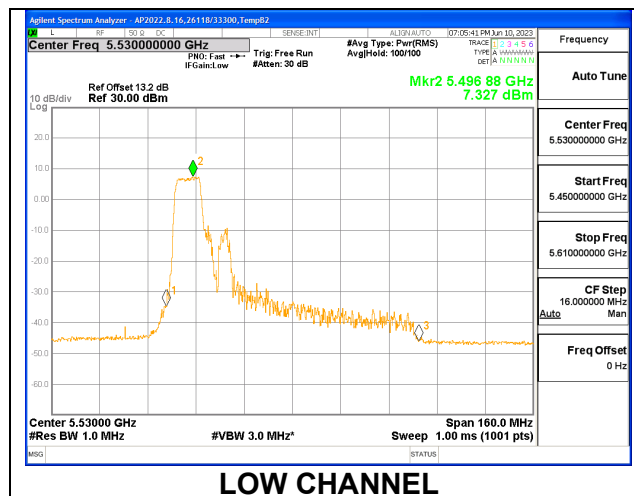
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.81	14.81	24.00	-9.19
High	5610	16.47	16.47	24.00	-7.53
138	5690	16.36	16.36	24.00	-7.64

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	7.327	7.327	11.00	-3.673
High	5610	8.493	8.493	11.00	-2.507
138	5690	8.480	8.480	11.00	-2.520



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

Test Engineer:	26118
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	24.760	-2.7	24.00	11.00
High	5610	25.450	-2.7	24.00	11.00
138	5690	26.390	-2.7	24.00	11.00

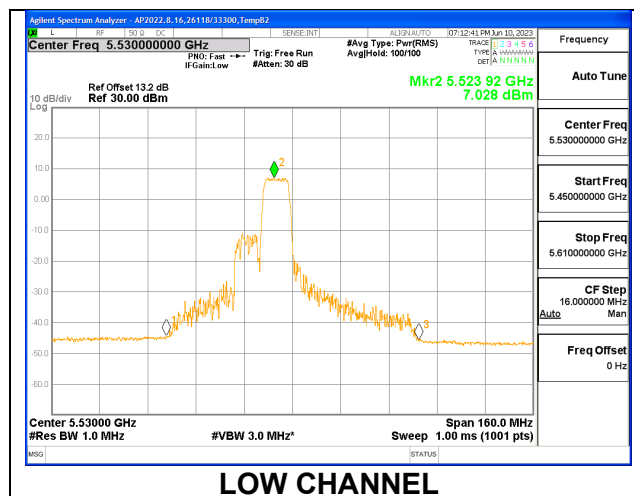
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.99	14.99	24.00	-9.01
High	5610	16.46	16.46	24.00	-7.54
138	5690	16.36	16.36	24.00	-7.64

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	7.028	7.028	11.00	-3.972
High	5610	8.614	8.614	11.00	-2.386
138	5690	8.616	8.616	11.00	-2.384



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

Test Engineer:	26118
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	23.400	-2.7	24.00	11.00
High	5610	23.160	-2.7	24.00	11.00
138	5690	23.580	-2.7	24.00	11.00

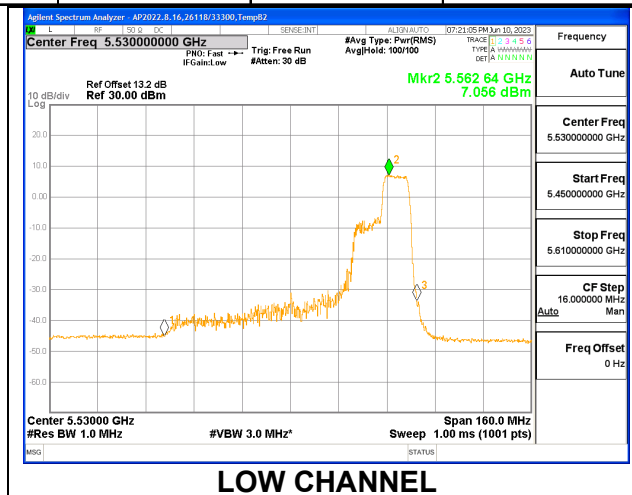
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.94	14.94	24.00	-9.06
High	5610	16.45	16.45	24.00	-7.55
138	5690	16.37	16.37	24.00	-7.63

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.056	7.056	11.00	-3.944
High	5610	8.686	8.686	11.00	-2.314
138	5690	8.768	8.768	11.00	-2.232



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	23560
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.920	-2.70	24.00	11.00
High	5610	80.650	-2.70	24.00	11.00
138	5690	81.970	-2.70	24.00	11.00

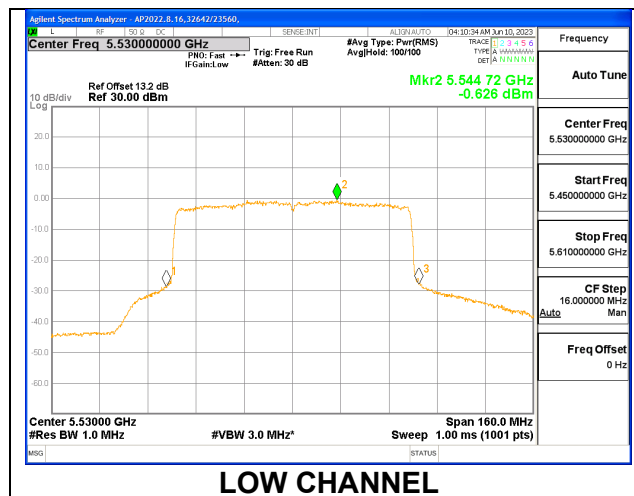
Duty Cycle CF (dB)	0.15	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.91	15.91	24.00	-8.09
High	5610	19.91	19.91	24.00	-4.09
138	5690	19.95	19.95	24.00	-4.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.626	-0.476	11.00	-11.476
High	5610	3.133	3.283	11.00	-7.717
138	5690	3.412	3.562	11.00	-7.438



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

Test Engineer:	26118
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	21.420	-1.9	24.00	11.00
High	5610	20.900	-1.9	24.00	11.00
138	5690	20.980	-1.9	24.00	11.00

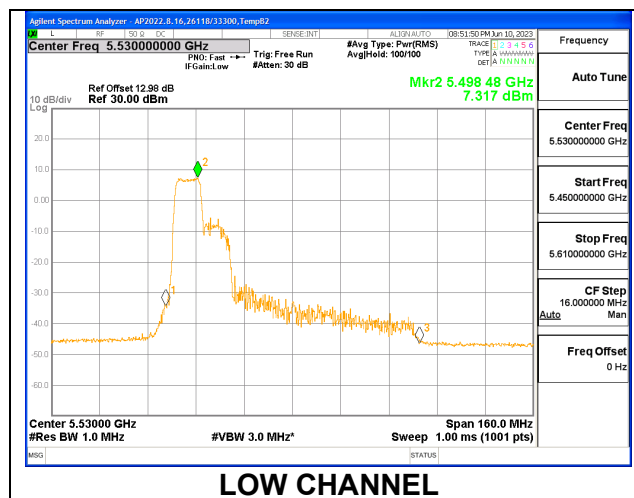
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.9	14.90	24.00	-9.10
High	5610	16.39	16.39	24.00	-7.61
138	5690	16.48	16.48	24.00	-7.52

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.317	7.317	11.00	-3.683
High	5610	8.389	8.389	11.00	-2.611
138	5690	8.650	8.650	11.00	-2.350



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

Test Engineer:	26118
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	25.190	-1.9	24.00	11.00
High	5610	24.840	-1.9	24.00	11.00
138	5690	25.020	-1.9	24.00	11.00

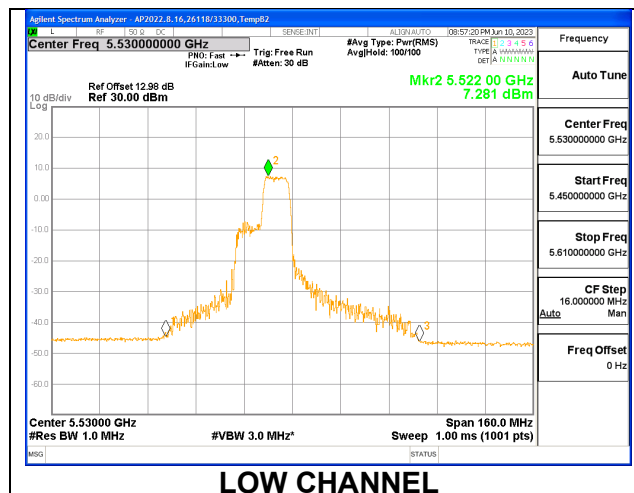
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.98	14.98	24.00	-9.02
High	5610	16.45	16.45	24.00	-7.55
138	5690	16.43	16.43	24.00	-7.57

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.281	7.281	11.00	-3.719
High	5610	8.501	8.501	11.00	-2.499
138	5690	8.766	8.766	11.00	-2.234



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

Test Engineer:	26118
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	24.030	-1.9	24.00	11.00
High	5610	23.490	-1.9	24.00	11.00
138	5690	22.720	-1.9	24.00	11.00

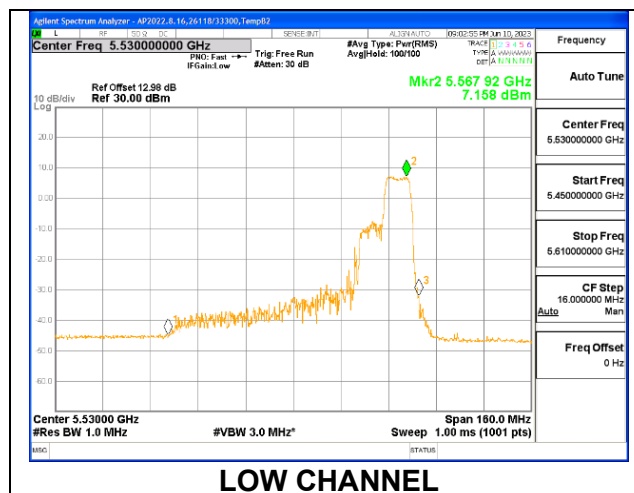
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.88	14.88	24.00	-9.12
High	5610	16.41	16.41	24.00	-7.59
138	5690	16.46	16.46	24.00	-7.54

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.158	7.158	11.00	-3.842
High	5610	8.806	8.806	11.00	-2.194
138	5690	8.521	8.521	11.00	-2.479



LOW CHANNEL

1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	23560
Test Date:	6/10/23

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.600	-1.9	24.00	11.00
High	5610	91.300	-1.9	24.00	11.00
138	5690	81.610	-1.9	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.95	15.95	24.00	-8.05
High	5610	19.96	19.96	24.00	-4.04
138	5690	19.91	19.91	24.00	-4.09

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	-0.266	-0.116	11.00	-11.116
High	5610	3.040	3.190	11.00	-7.810
138	5690	3.051	3.201	11.00	-7.799

