

2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	26118
Test Date:	10/11/21; 09/21/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.61	-1.34	1.64	23.92	11.00
Mid	5300	19.52	-1.34	1.64	23.90	11.00
High	5320	19.79	-1.34	1.64	23.96	11.00

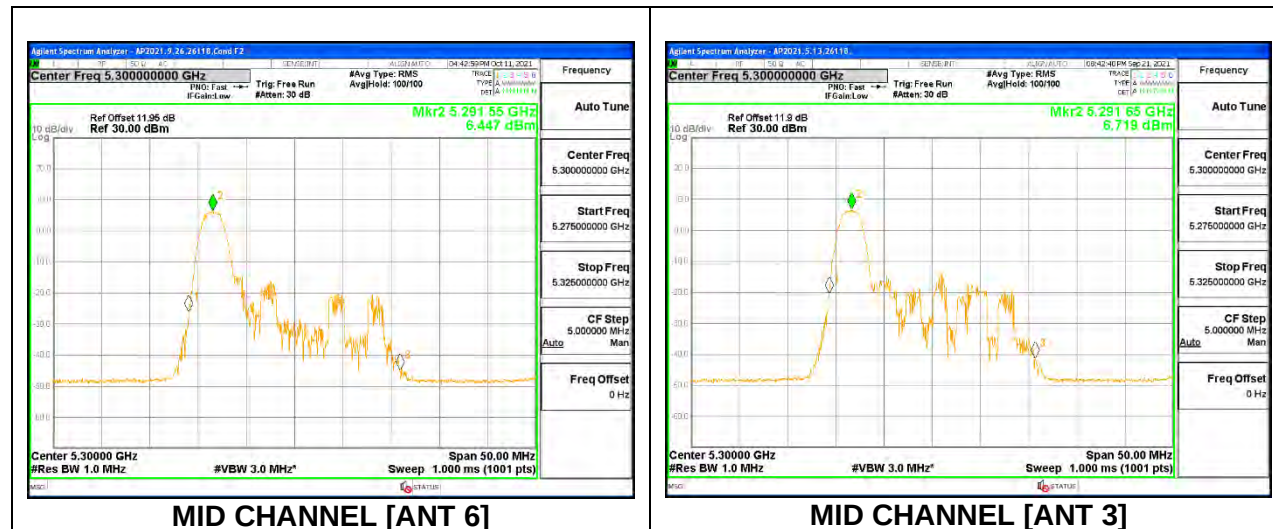
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.70	8.73	11.73	23.92	-12.20
Mid	5300	8.60	8.74	11.68	23.90	-12.22
High	5320	8.67	8.57	11.63	23.96	-12.33

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.640	6.715	9.688	11.00	-1.312
Mid	5300	6.447	6.719	9.595	11.00	-1.405
High	5320	6.608	6.375	9.503	11.00	-1.497



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 4

Test Engineer:	26118
Test Date:	10/11/21; 09/21/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	18.36	-1.34	1.64	23.64	11.00
Mid	5300	18.28	-1.34	1.64	23.62	11.00
High	5320	18.34	-1.34	1.64	23.63	11.00

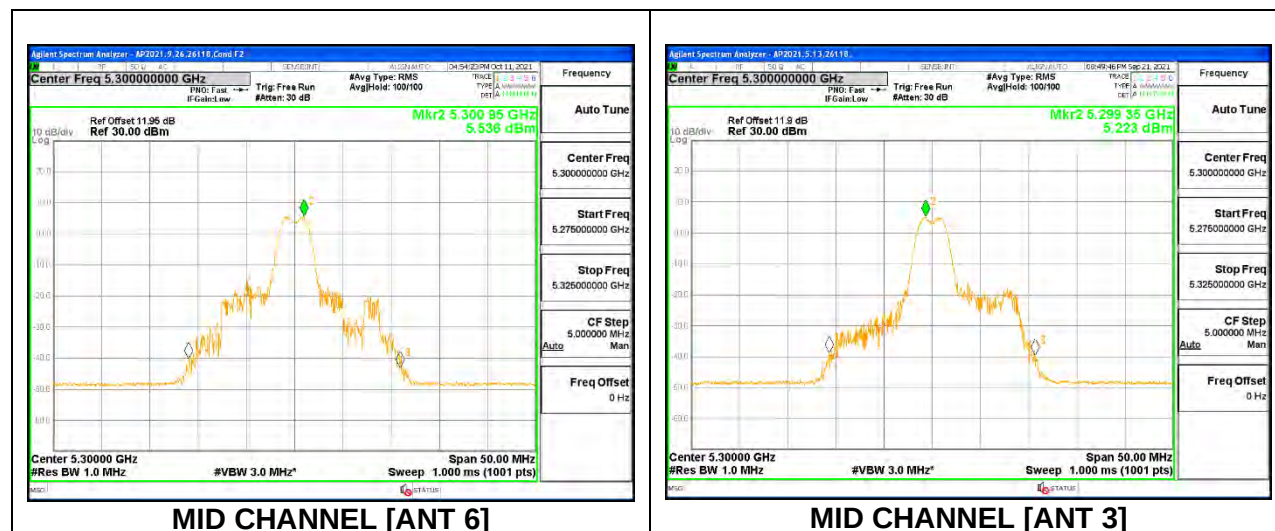
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.60	8.71	11.67	23.64	-11.97
Mid	5300	8.68	8.59	11.65	23.62	-11.97
High	5320	8.70	8.65	11.69	23.63	-11.95

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	5.366	5.591	8.490	11.00	-2.510
Mid	5300	5.536	5.223	8.393	11.00	-2.607
High	5320	5.538	5.422	8.491	11.00	-2.509



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	26118
Test Date:	10/11/21; 09/21/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.78	-1.34	1.64	23.96	11.00
Mid	5300	19.94	-1.34	1.64	24.00	11.00
High	5320	19.81	-1.34	1.64	23.97	11.00

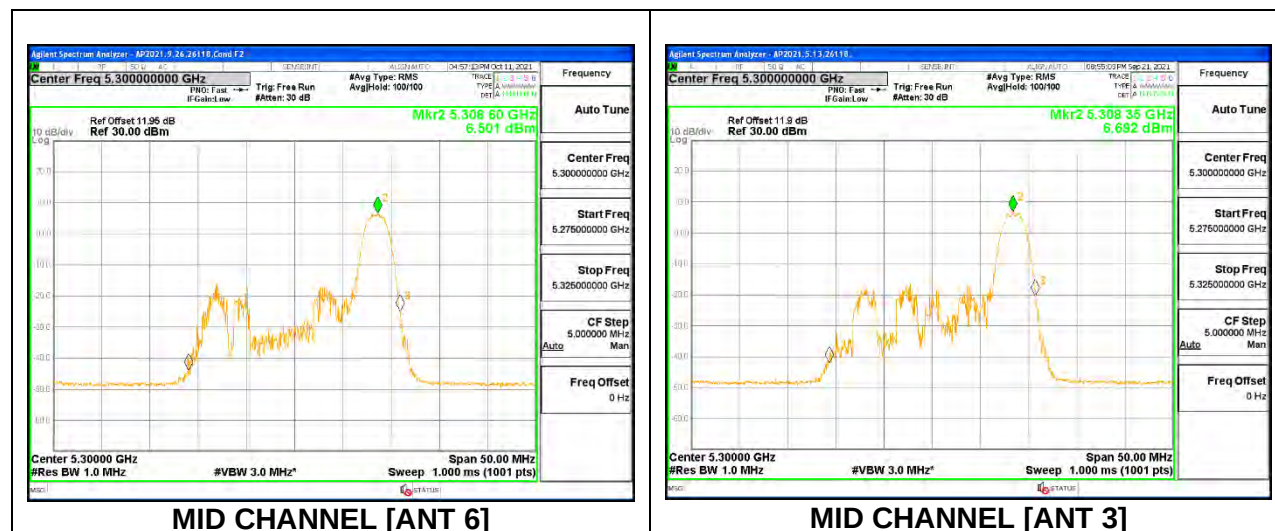
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.60	8.71	11.67	23.96	-12.30
Mid	5300	8.58	8.64	11.62	24.00	-12.38
High	5320	8.75	8.53	11.65	23.97	-12.32

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.559	6.912	9.749	11.00	-1.251
Mid	5300	6.501	6.692	9.608	11.00	-1.392
High	5320	7.019	6.405	9.733	11.00	-1.267



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	09/24/21;09/21/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.11	-1.34	1.64	24.00	11.00
Mid	5300	21.14	-1.34	1.64	24.00	11.00
High	5320	21.37	-1.34	1.64	24.00	11.00

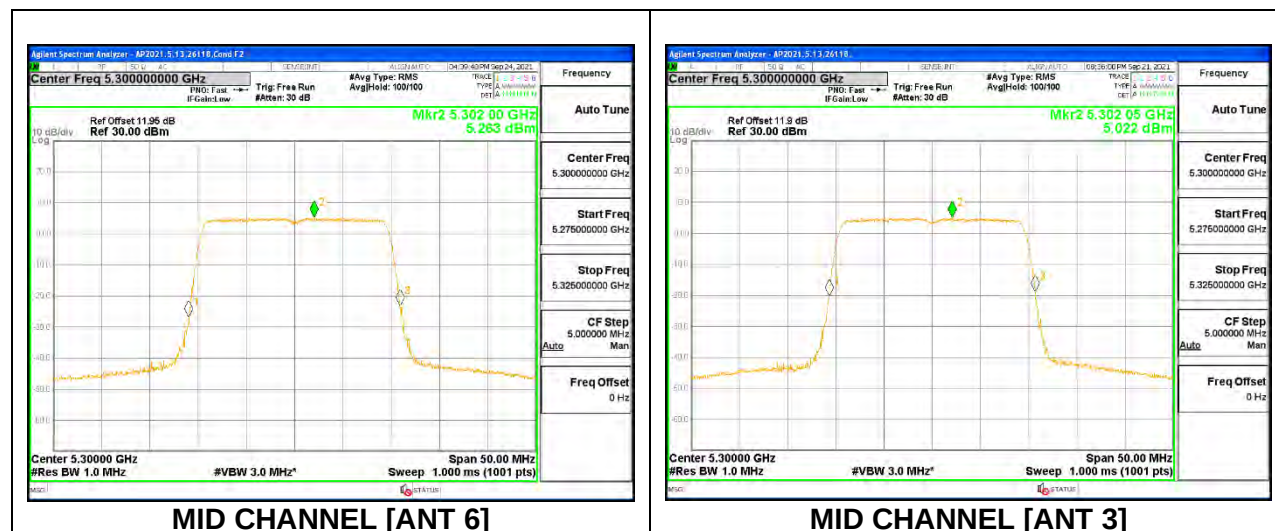
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.41	16.54	19.49	24.00	-4.51
Mid	5300	16.45	16.36	19.42	24.00	-4.58
High	5320	14.40	14.38	17.40	24.00	-6.60

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	5.116	5.492	8.318	11.00	-2.682
Mid	5300	5.263	5.022	8.154	11.00	-2.846
High	5320	3.207	3.204	6.216	11.00	-4.784



9.4.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

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

Test Engineer:	26118
Test Date:	09/29/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.86	-2.10	24.00	11.00
High	5310	20.74	-2.10	24.00	11.00

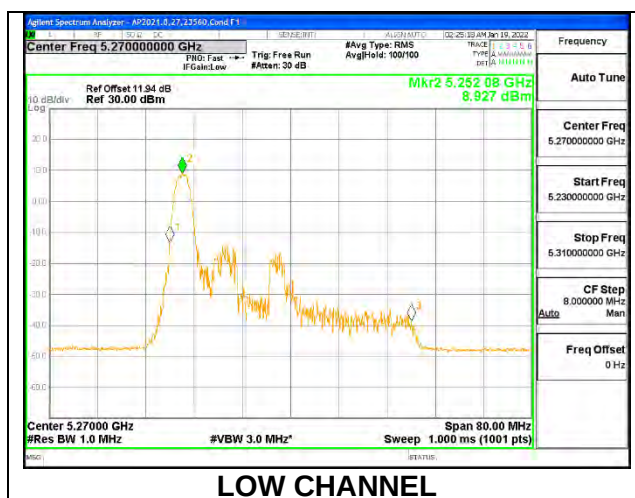
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.87	10.87	24.00	-13.13
High	5310	10.65	10.65	24.00	-13.35

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.927	8.927	11.00	-2.073
High	5310	8.453	8.453	11.00	-2.547



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

Test Engineer:	26118
Test Date:	01/19/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	23.84	-2.10	24.00	11.00
High	5310	23.96	-2.10	24.00	11.00

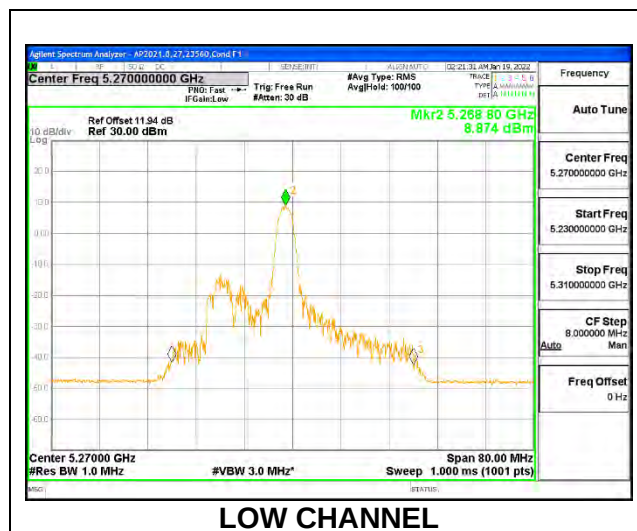
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.92	11.92	24.00	-12.08
High	5310	11.65	11.65	24.00	-12.35

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.874	8.874	11.00	-2.126
High	5310	8.418	8.418	11.00	-2.582



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

Test Engineer:	26118
Test Date:	01/19/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.68	-2.10	24.00	11.00
High	5310	20.95	-2.10	24.00	11.00

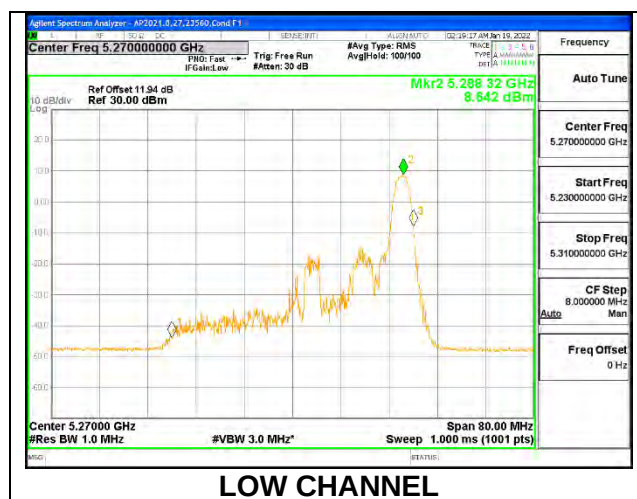
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.84	11.84	24.00	-12.16
High	5310	11.75	11.75	24.00	-12.25

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	5270	8.642	8.642	11.00	-2.358
High	5310	8.503	8.503	11.00	-2.497



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	01/19/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.22	-2.10	24.00	11.00
High	5310	41.71	-2.10	24.00	11.00

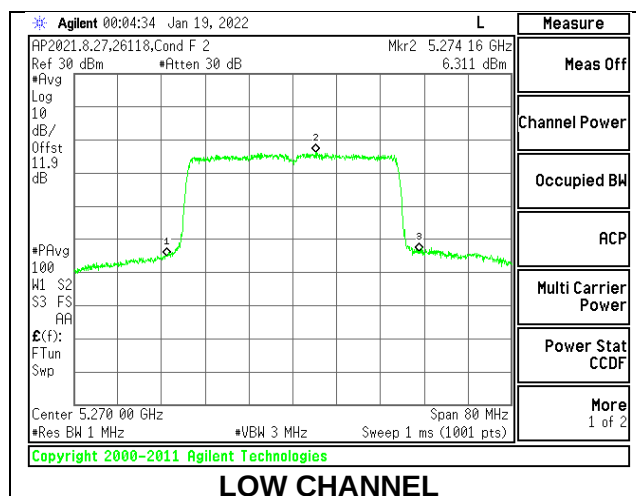
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.30	20.30	24.00	-3.70
High	5310	14.89	14.89	24.00	-9.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.311	6.311	11.00	-4.689
High	5310	1.415	1.415	11.00	-9.585



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	20737
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	21.17	-0.70	24.00	11.00
High	5310	21.33	-0.70	24.00	11.00

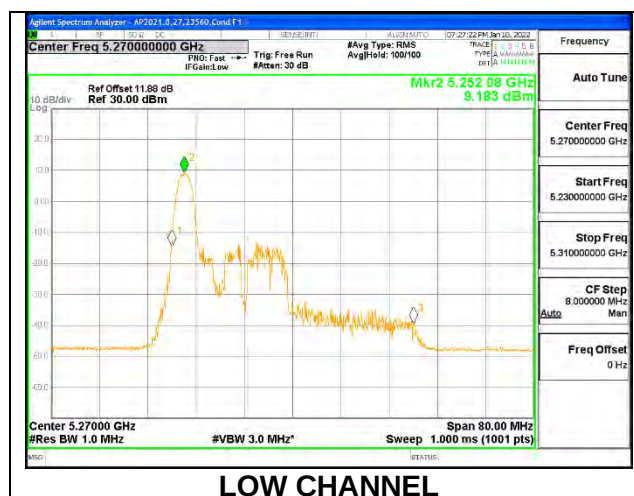
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.95	10.95	24.00	-13.05
High	5310	10.65	10.65	24.00	-13.35

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.183	9.183	11.00	-1.817
High	5310	8.563	8.563	11.00	-2.437



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	20737
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	23.94	-0.70	24.00	11.00
High	5310	24.86	-0.70	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.94	10.94	24.00	-13.06
High	5310	10.68	10.68	24.00	-13.32

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.955	8.955	11.00	-2.045
High	5310	8.599	8.599	11.00	-2.401



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 17

Test Engineer:	20737
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	21.16	-0.70	24.00	11.00
High	5310	21.48	-0.70	24.00	11.00

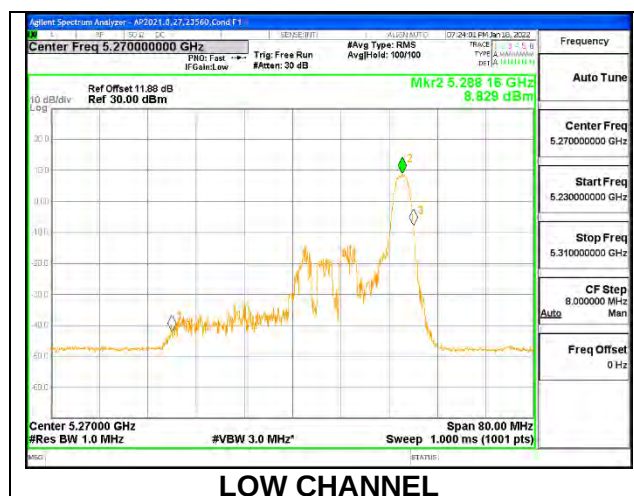
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	10.88	10.88	24.00	-13.12
High	5310	10.70	10.70	24.00	-13.30

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.829	8.829	11.00	-2.171
High	5310	8.662	8.662	11.00	-2.338



1TX Antenna 3 MODE (FCC) – SU Mode

Test Engineer:	23560
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.49	-0.70	24.00	11.00
High	5310	43.13	-0.70	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	20.22	20.22	24.00	-3.78
High	5310	14.75	14.75	24.00	-9.25

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.532	6.532	11.00	-4.468
High	5310	1.631	1.631	11.00	-9.369



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	26118; 20737
Test Date:	09/30/21; 10/12/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.13	-1.34	1.64	24.00	11.00
High	5310	20.37	-1.34	1.64	24.00	11.00

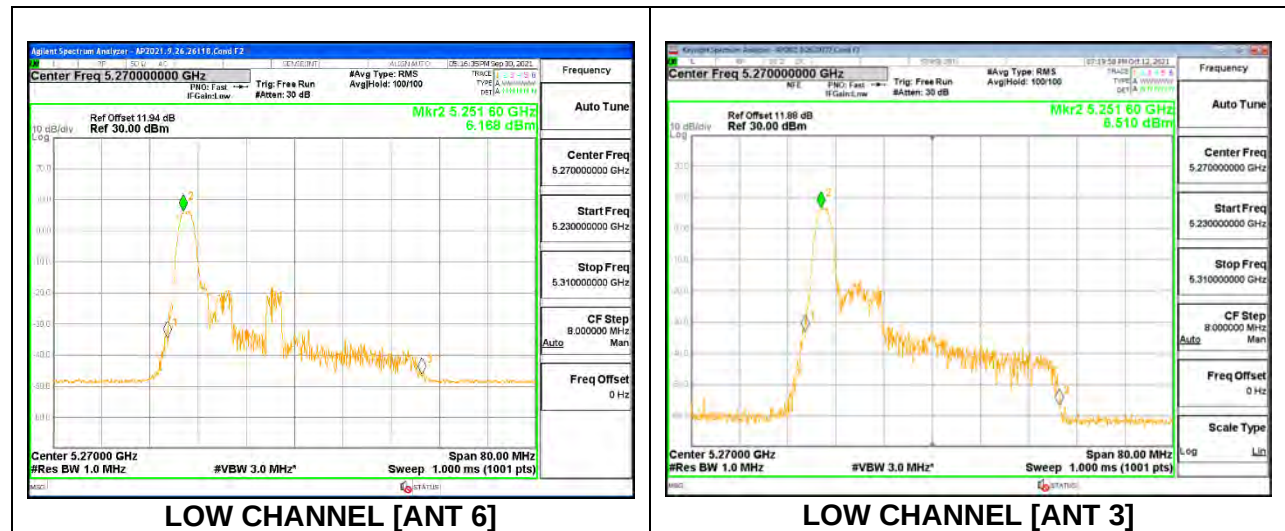
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.57	8.64	11.62	24.00	-12.38
High	5310	8.67	8.71	11.70	24.00	-12.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.17	6.51	9.353	11.00	-1.647
High	5310	6.59	6.65	9.630	11.00	-1.370



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	26118
Test Date:	09/30/21; 10/04/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	23.23	-1.34	1.64	24.00	11.00
High	5310	23.33	-1.34	1.64	24.00	11.00

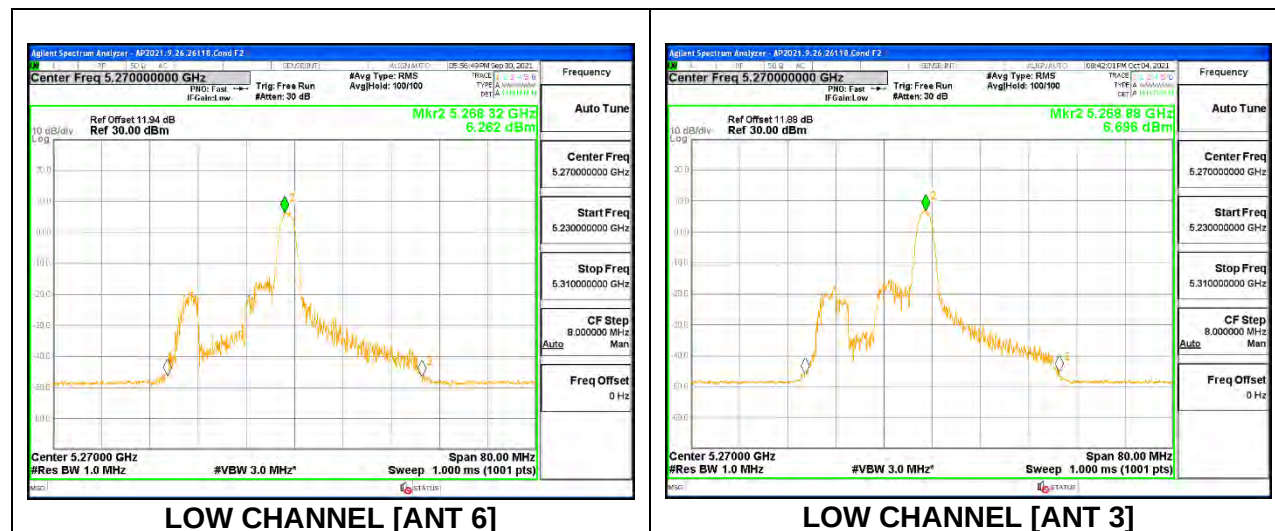
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.54	8.71	11.64	24.00	-12.36
High	5310	8.67	8.70	11.70	24.00	-12.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.262	6.696	9.495	11.00	-1.505
High	5310	6.604	6.669	9.647	11.00	-1.353



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 17

Test Engineer:	26118
Test Date:	09/30/21; 10/04/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.07	-1.34	1.64	24.00	11.00
High	5310	19.78	-1.34	1.64	23.96	11.00

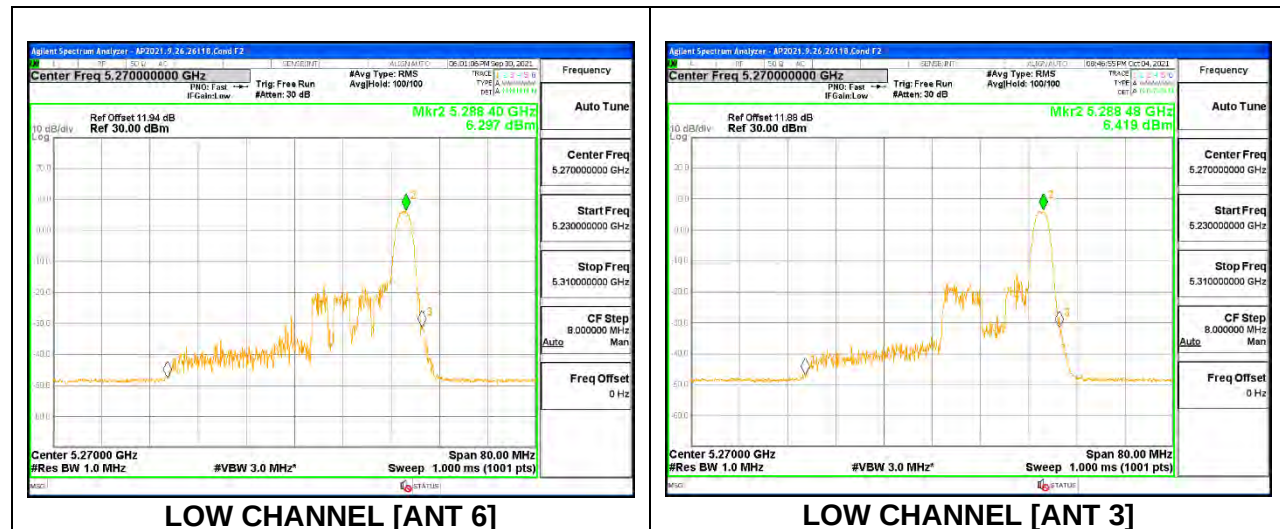
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.60	8.67	11.65	24.00	-12.35
High	5310	8.75	8.73	11.75	23.96	-12.21

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.297	6.419	9.369	11.00	-1.631
High	5310	6.572	6.517	9.555	11.00	-1.445



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode

Test Engineer:	26118; 23560
Test Date:	09/28/21; 09/24/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.09	-1.34	1.64	24.00	11.00
High	5310	42.26	-1.34	1.64	24.00	11.00

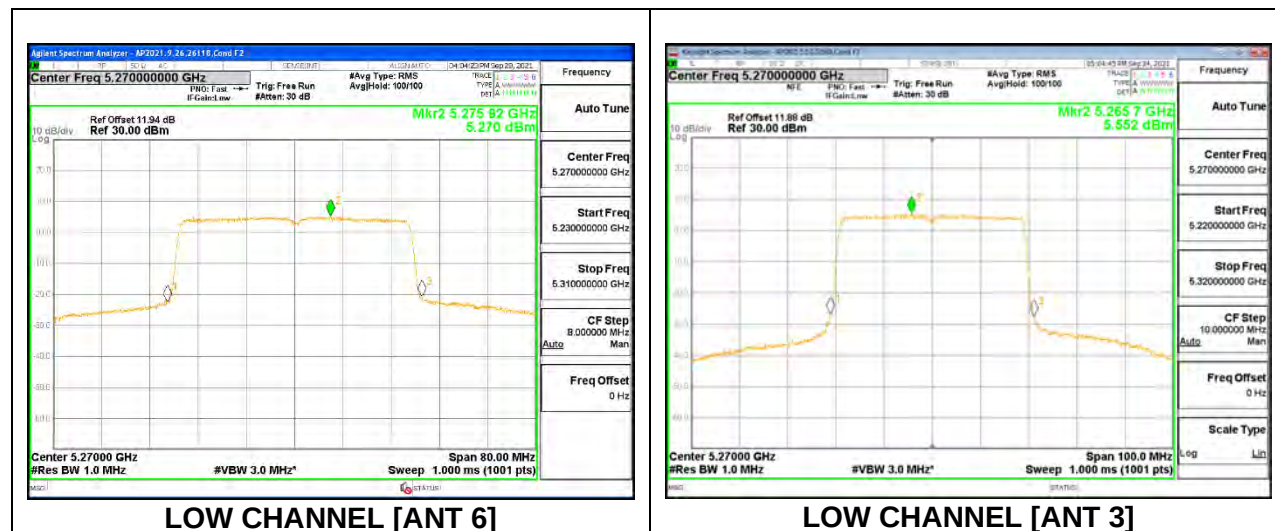
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.16	19.21	22.20	24.00	-1.80
High	5310	14.35	14.20	17.29	24.00	-6.71

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	5.270	5.552	8.534	11.00	-2.466
High	5310	1.135	0.960	4.169	11.00	-6.831



9.4.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

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

Test Engineer:	26118
Test Date:	01/19/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.64	-2.10	23.93	11.00

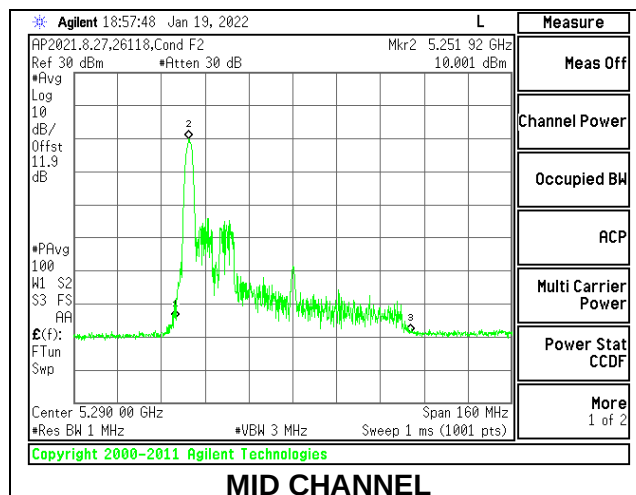
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.92	11.92	23.93	-12.01

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	10.001	10.001	11.00	-1.00



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

Test Engineer:	26118
Test Date:	01/19/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	40.75	-2.10	24.00	11.00

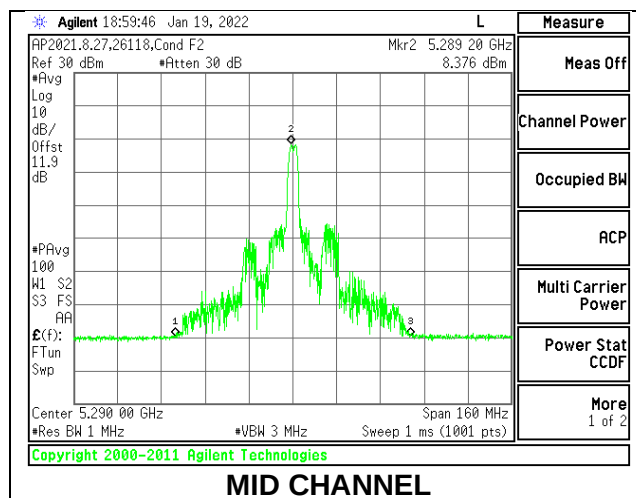
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.75	11.75	24.00	-12.25

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.376	8.376	11.00	-2.62



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

Test Engineer:	26118
Test Date:	01/19/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.41	-2.10	24.00	11.00

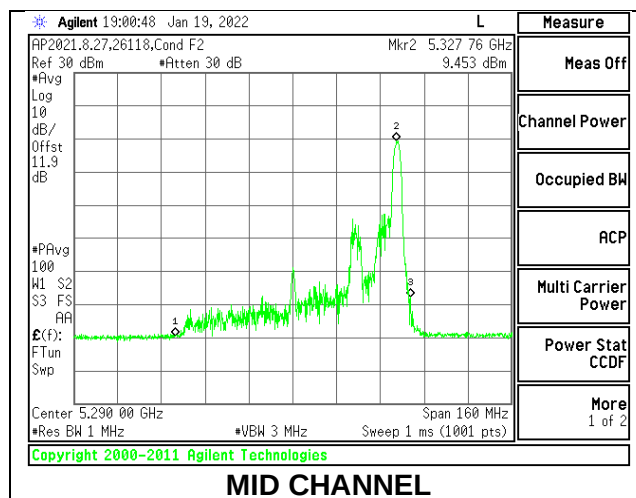
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.88	11.88	24.00	-12.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	9.453	9.453	11.00	-1.55



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	09/30/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	83.00	-2.10	24.00	11.00

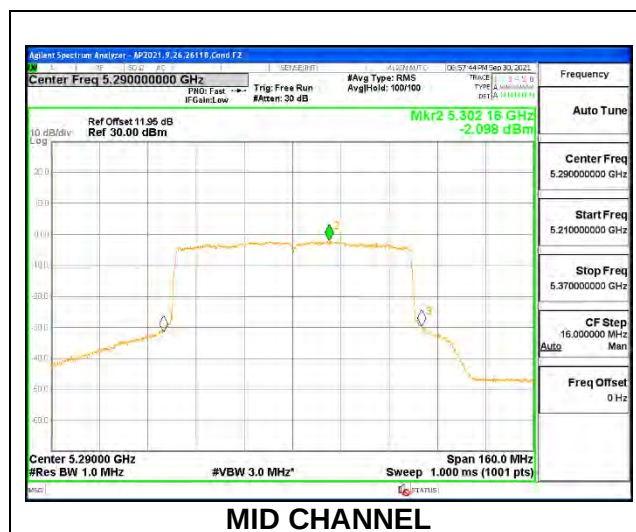
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.30	14.30	24.00	-9.70

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-2.098	-1.858	11.00	-12.86



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	20737
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.44	-0.70	23.89	11.00

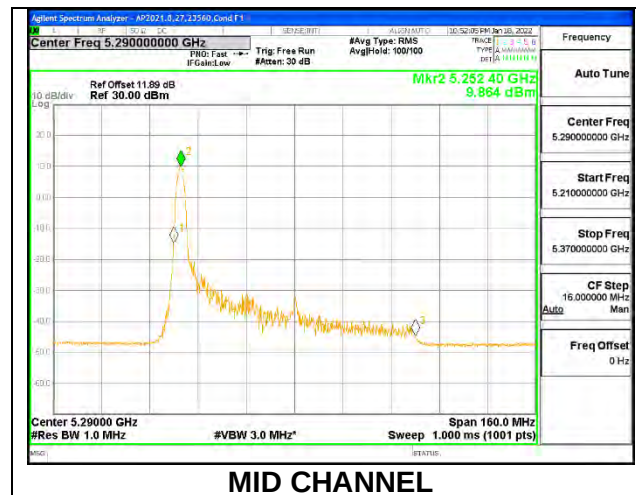
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.92	11.92	23.89	-11.97

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	9.864	9.864	11.00	-1.14



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 18

Test Engineer:	20737
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	39.86	-0.70	24.00	11.00

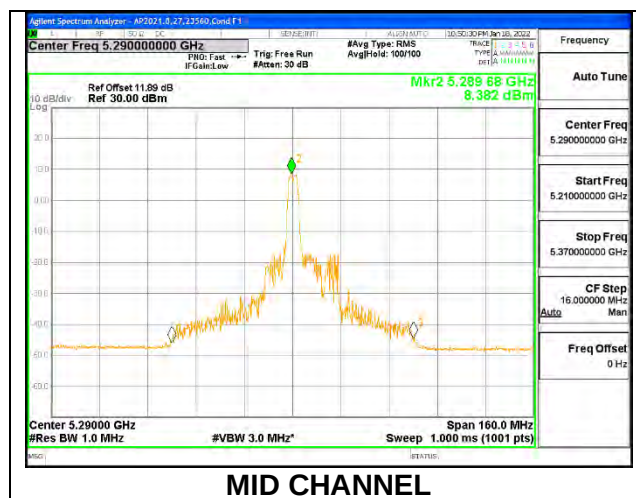
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.83	11.83	24.00	-12.17

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.382	8.382	11.00	-2.62



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 36

Test Engineer:	20737
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.06	-0.70	24.00	11.00

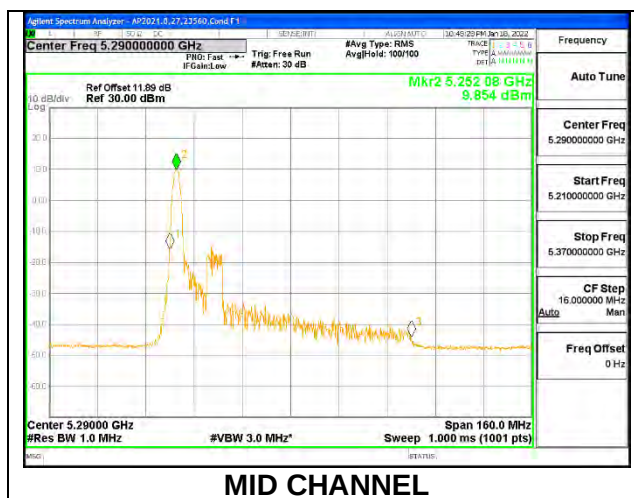
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.93	11.93	24.00	-12.07

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	9.854	9.854	11.00	-1.15



1TX Antenna 3 MODE (FCC) – SU Mode

Test Engineer:	20737
Test Date:	09/30/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.01	-0.70	24.00	11.00

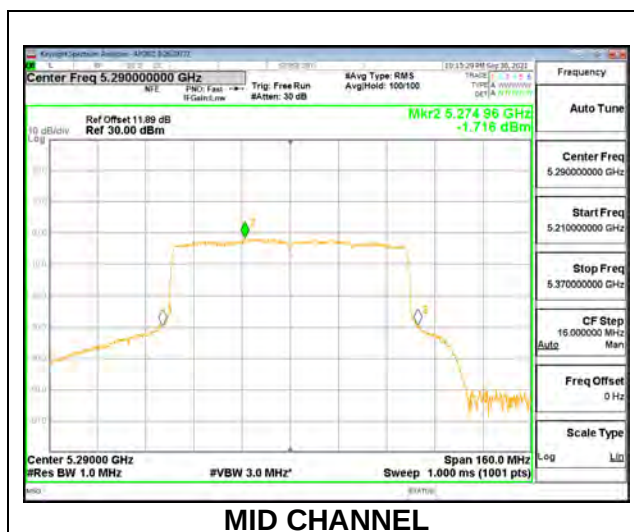
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.34	14.34	24.00	-9.66

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-1.716	-1.476	11.00	-12.48



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	26118; 20737
Test Date:	10/01/21; 10/02/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.62	-1.34	1.64	23.93	11.00

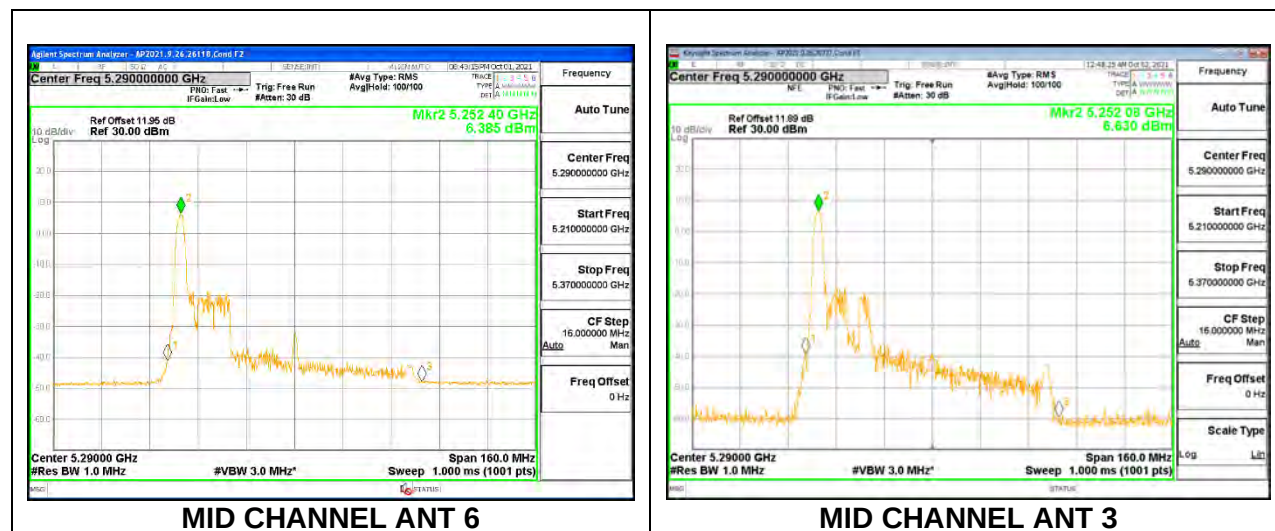
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	7.64	7.71	10.685	23.93	-13.24

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.385	6.630	9.520	11.00	-1.48



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 18

Test Engineer:	26118; 20737
Test Date:	10/01/21; 10/02/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	38.33	-1.34	1.64	24.00	11.00

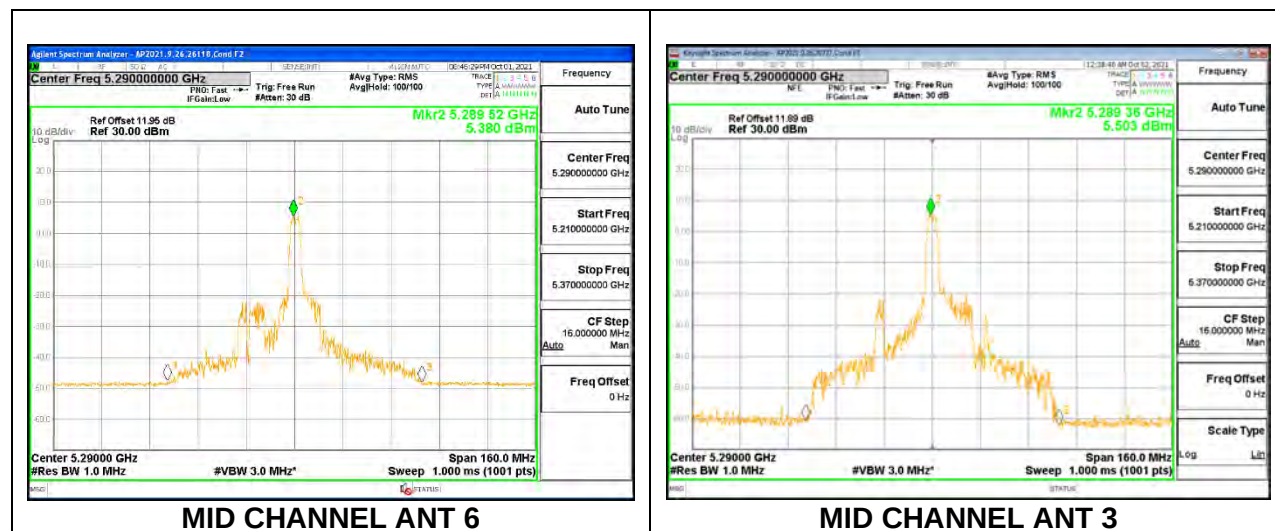
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	7.70	7.75	10.74	24.00	-13.26

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	5.380	5.503	8.452	11.00	-2.55



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 36

Test Engineer:	26118; 20737
Test Date:	10/01/21; 10/02/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	19.04	-1.34	1.64	23.80	11.00

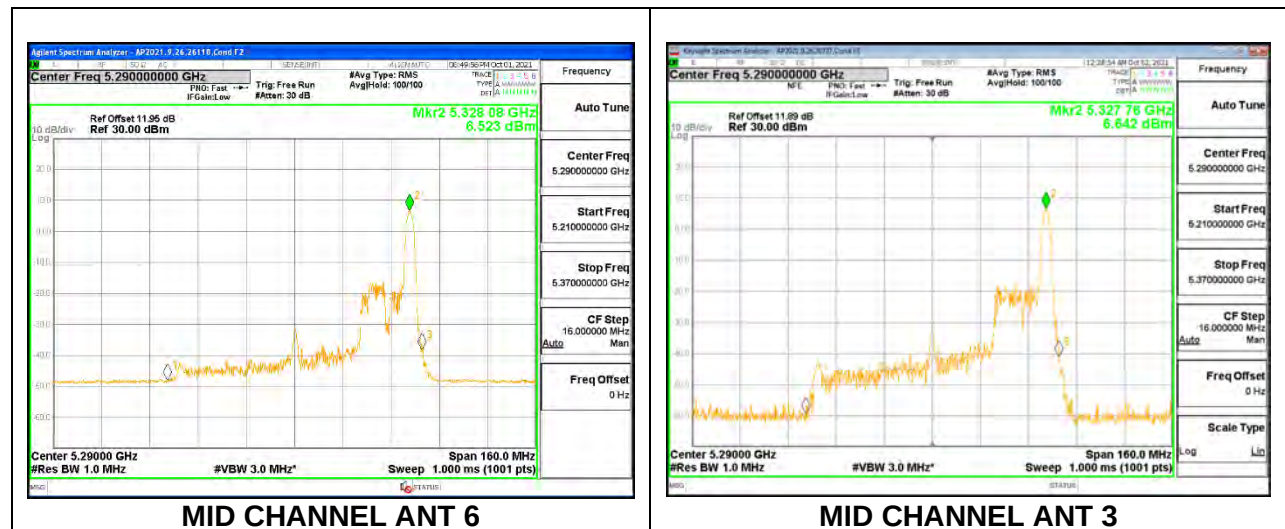
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	7.61	7.69	10.66	23.80	-13.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.523	6.642	9.593	11.00	-1.41



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode

Test Engineer:	26118; 20737
Test Date:	10/01/21; 10/02/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	81.91	-1.34	1.64	24.00	11.00

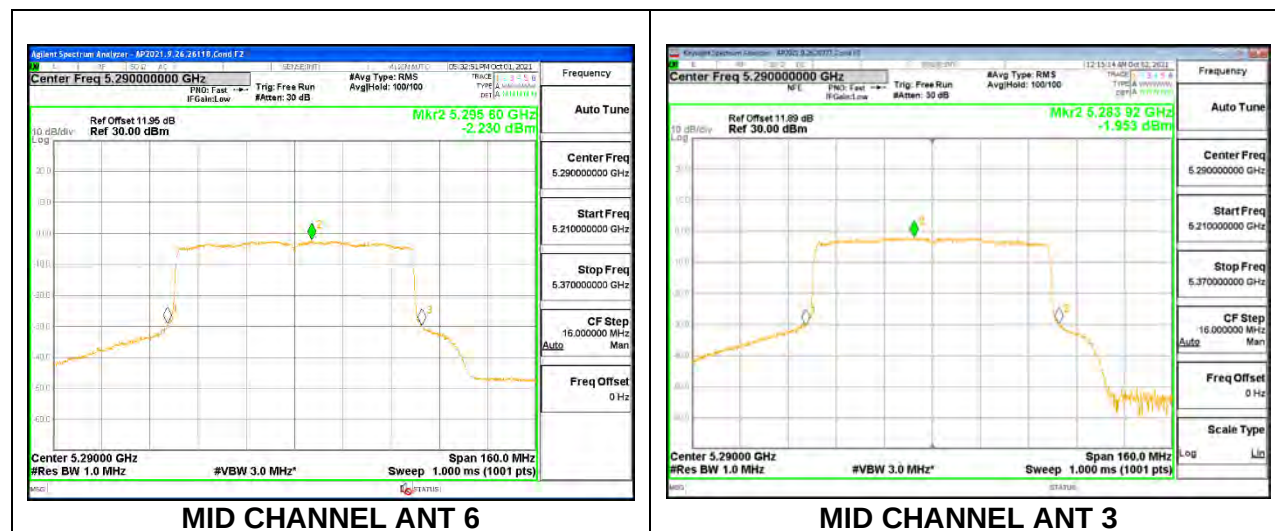
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	13.64	13.73	16.70	24.00	-7.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-2.230	-1.953	1.161	11.00	-9.84



9.4.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	10/05/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	21.28	-1.30	24.00	11.00
Mid	5580	21.34	-1.30	24.00	11.00
High	5700	22.92	-1.30	24.00	11.00
144	5720	15.50	-1.30	22.90	11.00

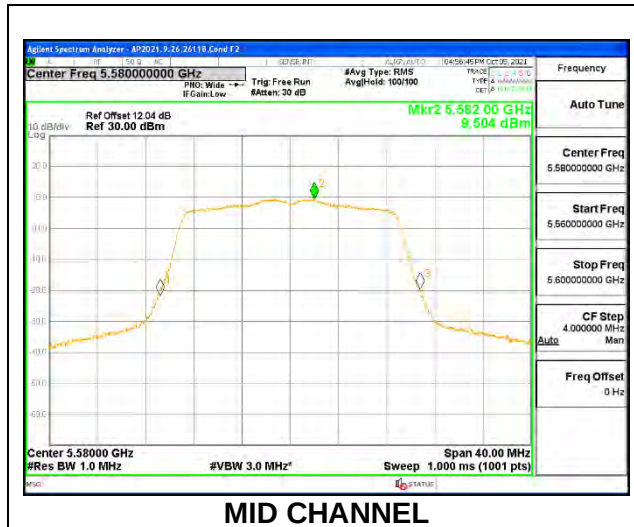
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.20	17.20	24.00	-6.80
Mid	5580	19.16	19.16	24.00	-4.84
High	5700	17.64	17.64	24.00	-6.36
144	5720	19.13	19.13	22.90	-3.77

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.632	9.632	11.00	-1.368
Mid	5580	9.504	9.504	11.00	-1.496
High	5700	8.033	8.033	11.00	-2.967
144	5720	9.445	9.445	11.00	-1.555



1TX Antenna 3 MODE (FCC)

Test Engineer:	20737
Test Date:	10/05/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	22.26	-0.50	24.00	11.00
Mid	5580	21.04	-0.50	24.00	11.00
High	5700	22.39	-0.50	24.00	11.00
144	5720	15.54	-0.50	22.91	11.00

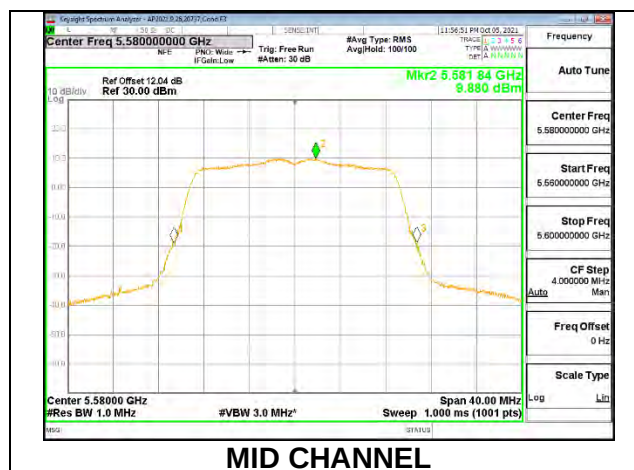
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.19	17.19	24.00	-6.81
Mid	5580	19.24	19.24	24.00	-4.76
High	5700	17.70	17.70	24.00	-6.30
144	5720	19.05	19.05	22.91	-3.86

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.520	9.520	11.00	-1.480
Mid	5580	9.880	9.880	11.00	-1.120
High	5700	8.415	8.415	11.00	-2.585
144	5720	9.036	9.036	11.00	-1.964



2TX Antenna 6 + Antenna 3 CDD MODE (FCC)

Test Engineer:	26118; 20737
Test Date:	10/05/21; 10/06/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	21.38	-0.88	2.12	24.00	11.00
Mid	5580	20.90	-0.88	2.12	24.00	11.00
High	5700	21.40	-0.88	2.12	24.00	11.00
144	5720	15.47	-0.88	2.12	22.89	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.45	16.40	19.44	24.00	-4.56
Mid	5580	16.45	16.43	19.45	24.00	-4.55
High	5700	16.48	16.45	19.48	24.00	-4.52
144	5720	16.49	16.45	19.48	22.89	-3.41

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.557	6.715	9.647	11.00	-1.353
Mid	5580	6.567	6.767	9.678	11.00	-1.322
High	5700	6.399	6.565	9.493	11.00	-1.507
144	5720	6.401	6.647	9.536	11.00	-1.464

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 3]**

9.4.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	23560
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	45.79	-1.30	24.00	11.00
Mid	5550	41.20	-1.30	24.00	11.00
High	5670	42.00	-1.30	24.00	11.00
142	5710	41.42	-1.30	24.00	11.00

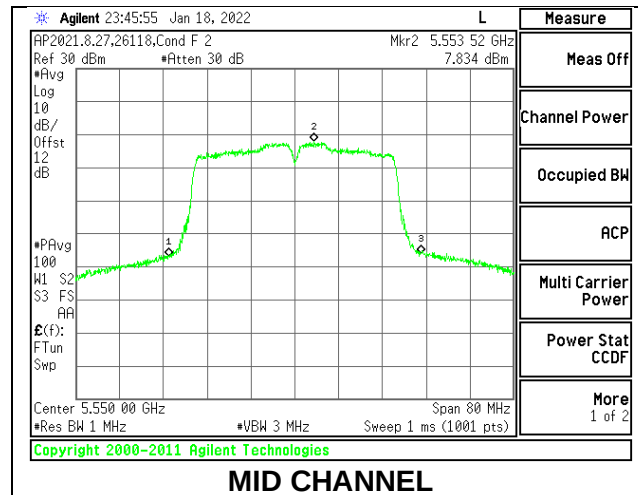
Duty Cycle CF (dB)	0.10	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.33	16.33	24.00	-7.67
Mid	5550	20.30	20.30	24.00	-3.70
High	5670	18.85	18.85	24.00	-5.15
142	5710	20.13	20.13	24.00	-3.87

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	3.021	3.121	11.00	-7.879
Mid	5550	7.834	7.934	11.00	-3.066
High	5670	7.006	7.106	11.00	-3.894
142	5710	7.534	7.634	11.00	-3.366



1TX Antenna 3 MODE (FCC)

Test Engineer:	23560
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	45.31	-0.50	24.00	11.00
Mid	5550	41.14	-0.50	24.00	11.00
High	5670	45.07	-0.50	24.00	11.00
142	5710	40.85	-0.50	24.00	11.00

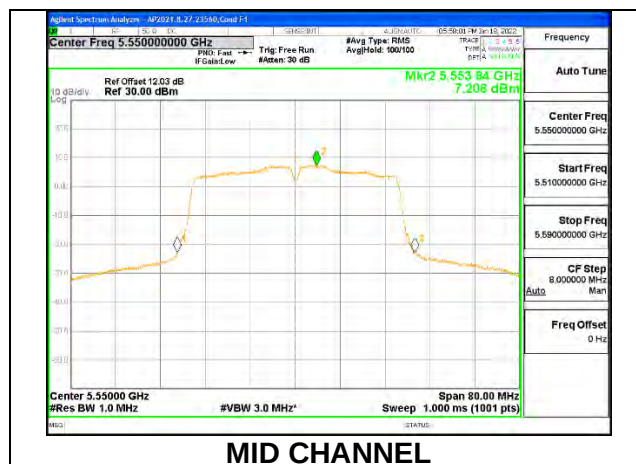
Duty Cycle CF (dB)	0.10	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.25	16.25	24.00	-7.75
Mid	5550	20.15	20.15	24.00	-3.85
High	5670	18.80	18.80	24.00	-5.20
142	5710	20.27	20.27	24.00	-3.73

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.969	3.069	11.00	-7.931
Mid	5550	7.206	7.306	11.00	-3.694
High	5670	6.898	6.998	11.00	-4.002
142	5710	7.850	7.950	11.00	-3.050



2TX Antenna 6 + Antenna 3 CDD MODE (FCC)

Test Engineer:	23560
Test Date:	09/15/21; 09/16/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.73	-0.88	2.12	24.00	11.00
Mid	5550	40.97	-0.88	2.12	24.00	11.00
High	5670	41.78	-0.88	2.12	24.00	11.00
142	5710	40.55	-0.88	2.12	24.00	11.00

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

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.72	15.75	18.75	24.00	-5.25
Mid	5550	19.17	19.24	22.22	24.00	-1.78
High	5670	18.30	18.35	21.34	24.00	-2.66
142	5710	19.20	19.21	22.22	24.00	-1.78

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.764	2.412	5.702	11.00	-5.30
Mid	5550	6.178	6.342	9.371	11.00	-1.63
High	5670	6.031	6.179	9.216	11.00	-1.78
142	5710	6.278	6.284	9.391	11.00	-1.61

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 3]**

9.4.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	23560
Test Date:	09/15/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.76	-1.30	24.00	11.00
High	5610	83.59	-1.30	24.00	11.00
138	5690	81.42	-1.30	24.00	11.00

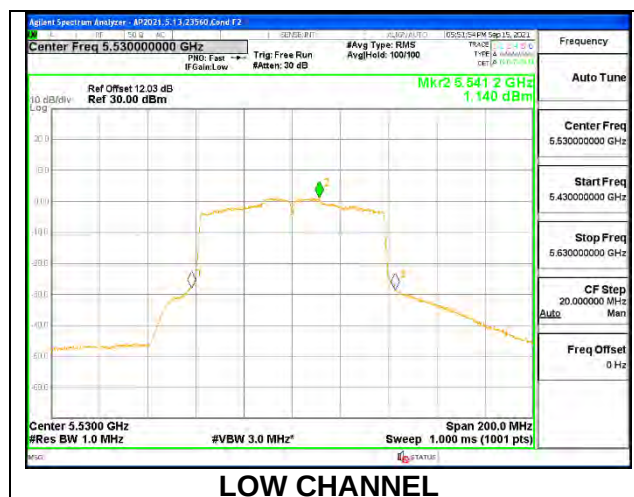
Duty Cycle CF (dB)	0.20	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.80	15.80	24.00	-8.20
High	5610	21.20	21.20	24.00	-2.80
138	5690	21.37	21.37	24.00	-2.63

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	1.140	1.340	11.00	-9.660
High	5610	5.495	5.495	11.00	-5.505
138	5690	5.710	5.910	11.00	-5.090



1TX Antenna 3 MODE (FCC)

Test Engineer:	23560
Test Date:	09/17/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.76	-0.50	24.00	11.00
High	5610	83.59	-0.50	24.00	11.00
138	5690	81.42	-0.50	24.00	11.00

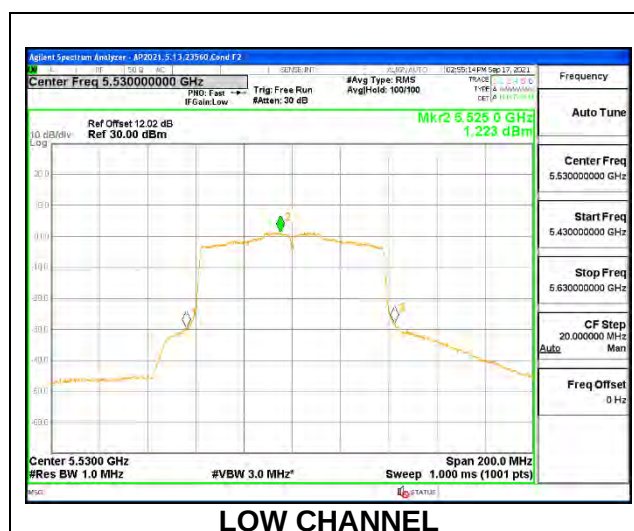
Duty Cycle CF (dB)	0.20	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.77	15.77	24.00	-8.23
High	5610	21.22	21.22	24.00	-2.78
138	5690	21.40	21.40	24.00	-2.60

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	1.223	1.423	11.00	-9.577
High	5610	5.772	5.972	11.00	-5.028
138	5690	6.166	6.366	11.00	-4.634



2TX Antenna 6 + Antenna 3 CDD MODE (FCC)

Test Engineer:	23560
Test Date:	09/15/21; 09/17/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.21	-0.88	2.12	24.00	11.00
High	5610	83.44	-0.88	2.12	24.00	11.00
138	5690	81.02	-0.88	2.12	24.00	11.00

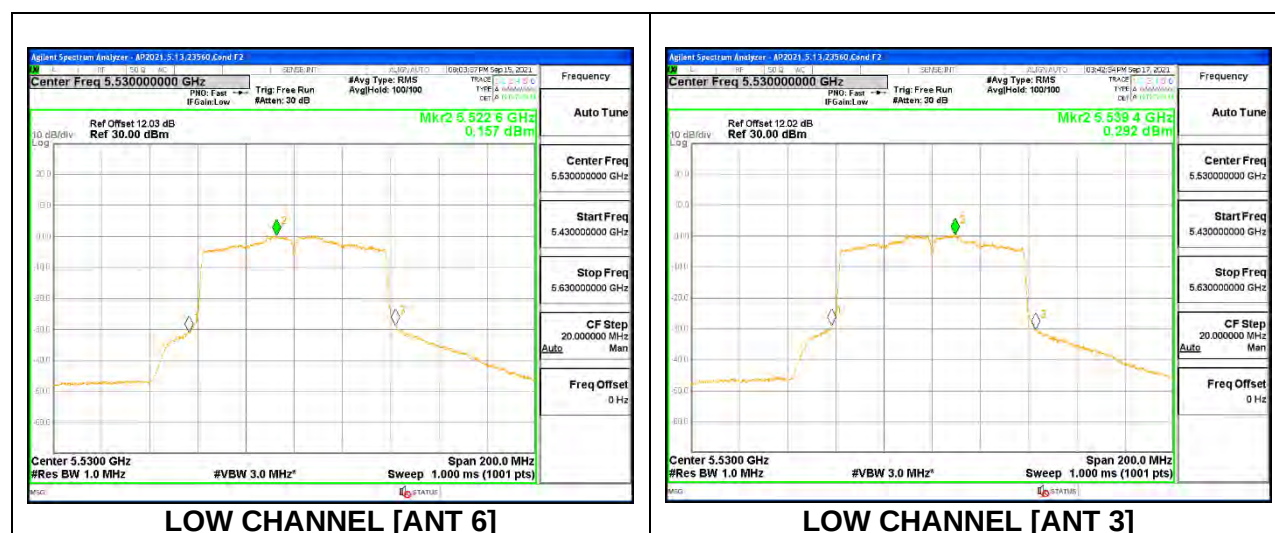
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.38	15.42	18.41	24.00	-5.59
High	5610	19.63	19.58	22.62	24.00	-1.38
138	5690	19.71	19.67	22.70	24.00	-1.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	0.157	0.292	3.435	11.00	-7.565
High	5610	3.836	3.700	6.979	11.00	-4.021
138	5690	4.025	3.944	7.195	11.00	-3.805



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

Test Engineer:	26118
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.15	-1.30	24.00	11.00
Mid	5580	20.19	-1.30	24.00	11.00
High	5700	20.14	-1.30	24.00	11.00
144	5720	20.07	-1.30	24.00	11.00

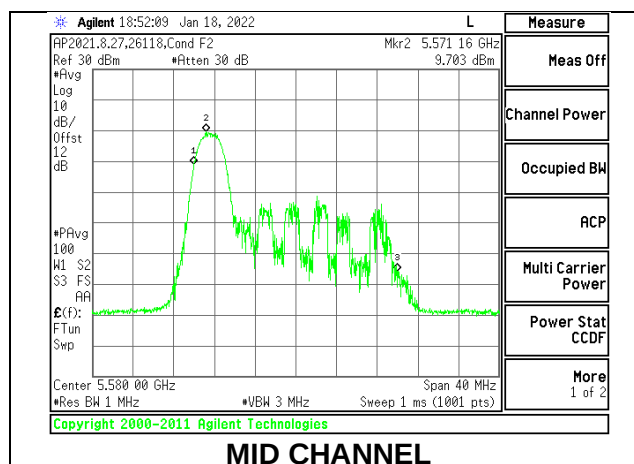
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.72	11.72	24.00	-12.28
Mid	5580	11.84	11.84	24.00	-12.16
High	5700	11.70	11.70	24.00	-12.30
144	5720	11.76	11.76	24.00	-12.24

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	9.516	9.516	11.00	-1.484
Mid	5580	9.703	9.703	11.00	-1.297
High	5700	9.469	9.469	11.00	-1.531
144	5720	9.582	9.582	11.00	-1.418



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

Test Engineer:	26118
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.31	-1.30	23.86	11.00
Mid	5580	19.41	-1.30	23.88	11.00
High	5700	19.19	-1.30	23.83	11.00
144	5720	19.27	-1.30	23.85	11.00

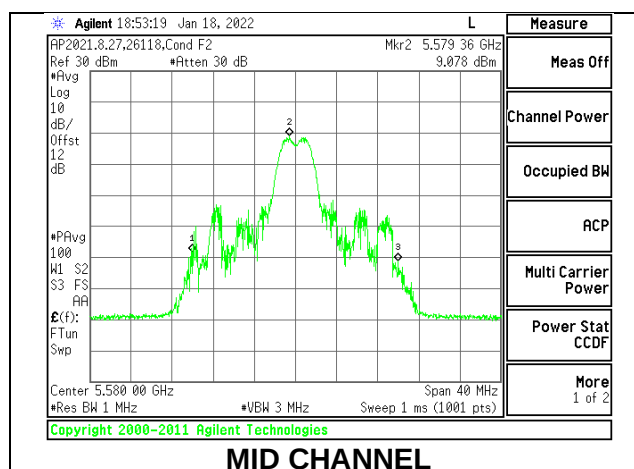
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.75	11.75	23.86	-12.11
Mid	5580	11.92	11.92	23.88	-11.96
High	5700	11.70	11.70	23.83	-12.13
144	5720	11.66	11.66	23.85	-12.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.954	8.954	11.00	-2.046
Mid	5580	9.078	9.078	11.00	-1.922
High	5700	8.676	8.676	11.00	-2.324
144	5720	8.587	8.587	11.00	-2.413



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

Test Engineer:	26118
Test Date:	01/18/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.80	-1.30	24.00	11.00
Mid	5580	20.74	-1.30	24.00	11.00
High	5700	20.65	-1.30	24.00	11.00
144	5720	20.40	-1.30	24.00	11.00

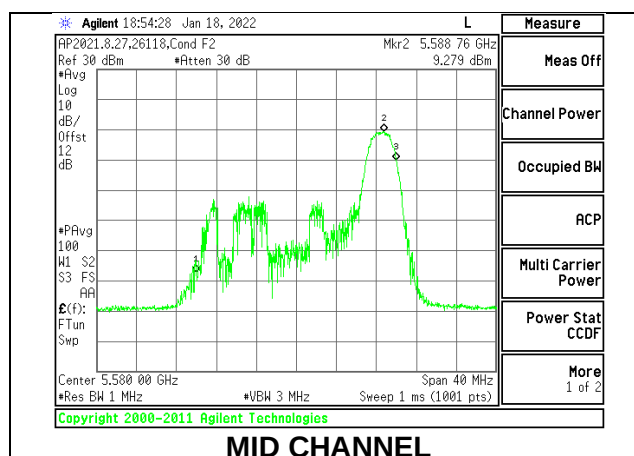
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.93	11.93	24.00	-12.07
Mid	5580	11.62	11.62	24.00	-12.38
High	5700	11.76	11.76	24.00	-12.24
144	5720	11.73	11.73	24.00	-12.27

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.747	9.747	11.00	-1.253
Mid	5580	9.279	9.279	11.00	-1.721
High	5700	9.594	9.594	11.00	-1.406
144	5720	9.508	9.508	11.00	-1.492



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	09/23/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.99	-1.30	24.00	11.00
Mid	5580	21.21	-1.30	24.00	11.00
High	5700	26.27	-1.30	24.00	11.00
144	5720	21.28	-1.30	24.00	11.00

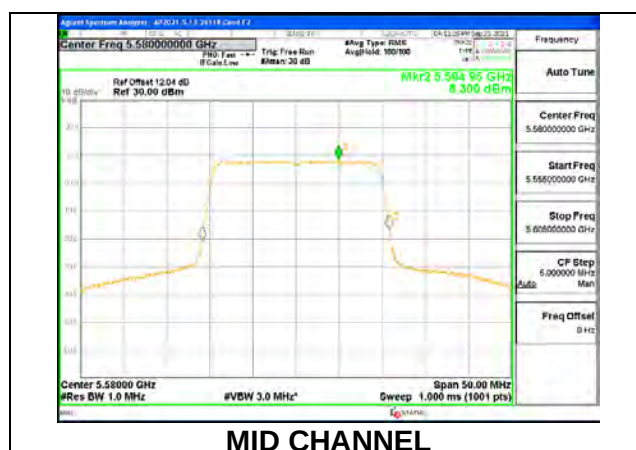
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.73	14.73	24.00	-9.27
Mid	5580	19.67	19.67	24.00	-4.33
High	5700	16.40	16.40	24.00	-7.60
144	5720	19.73	19.73	24.00	-4.27

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	3.878	3.878	11.00	-7.122
Mid	5580	8.300	8.300	11.00	-2.700
High	5700	5.280	5.280	11.00	-5.720
144	5720	8.710	8.710	11.00	-2.290



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	26118
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.98	-0.50	24.00	11.00
Mid	5580	20.14	-0.50	24.00	11.00
High	5700	20.12	-0.50	24.00	11.00
144	5720	20.14	-0.50	24.00	11.00

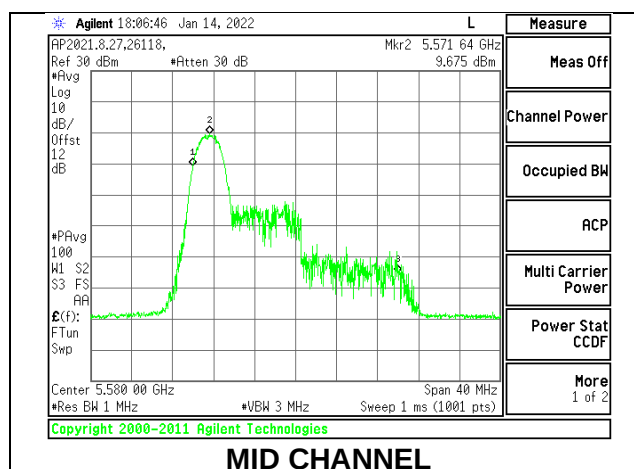
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.78	11.78	24.00	-12.22
Mid	5580	11.85	11.85	24.00	-12.15
High	5700	11.90	11.90	24.00	-12.10
144	5720	11.95	11.95	24.00	-12.05

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.511	9.511	11.00	-1.489
Mid	5580	9.675	9.675	11.00	-1.325
High	5700	10.125	10.125	11.00	-0.875
144	5720	10.282	10.282	11.00	-0.718



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 4

Test Engineer:	26118
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.41	-0.50	23.88	11.00
Mid	5580	19.12	-0.50	23.81	11.00
High	5700	19.48	-0.50	23.90	11.00
144	5720	19.40	-0.50	23.88	11.00

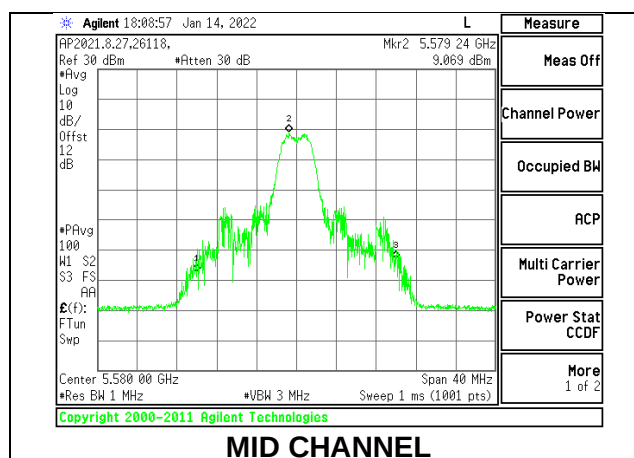
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.72	11.72	23.88	-12.16
Mid	5580	11.83	11.83	23.81	-11.98
High	5700	11.88	11.88	23.90	-12.02
144	5720	11.80	11.80	23.88	-12.08

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.544	8.544	11.00	-2.456
Mid	5580	9.069	9.069	11.00	-1.931
High	5700	9.108	9.108	11.00	-1.892
144	5720	8.924	8.924	11.00	-2.076



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	26118
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	23.31	-0.50	24.00	11.00
Mid	5580	22.44	-0.50	24.00	11.00
High	5700	23.90	-0.50	24.00	11.00
144	5720	20.63	-0.50	24.00	11.00

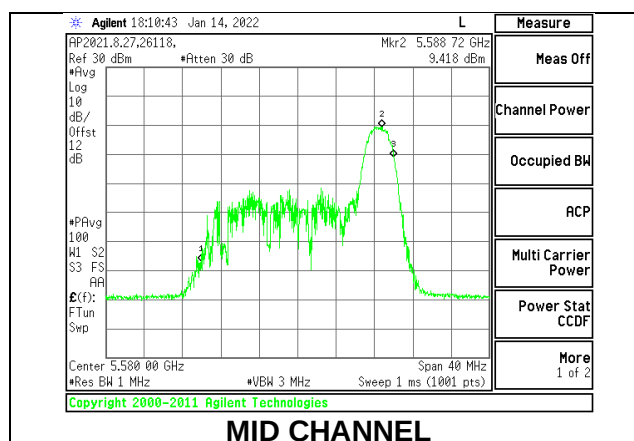
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.62	11.62	24.00	-12.38
Mid	5580	11.68	11.68	24.00	-12.32
High	5700	11.82	11.82	24.00	-12.18
144	5720	11.94	11.94	24.00	-12.06

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.310	9.310	11.00	-1.690
Mid	5580	9.418	9.418	11.00	-1.582
High	5700	9.669	9.669	11.00	-1.331
144	5720	9.947	9.947	11.00	-1.053



1TX Antenna 3 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	09/20/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	22.02	-0.50	24.00	11.00
Mid	5580	21.21	-0.50	24.00	11.00
High	5700	21.72	-0.50	24.00	11.00
144	5720	21.27	-0.50	24.00	11.00

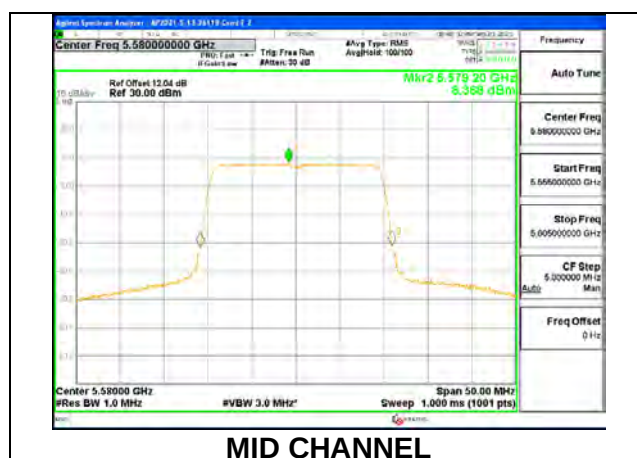
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.70	14.70	24.00	-9.30
Mid	5580	19.63	19.63	24.00	-4.37
High	5700	16.45	16.45	24.00	-7.55
144	5720	19.67	19.67	24.00	-4.33

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	3.702	3.702	11.00	-7.298
Mid	5580	8.368	8.368	11.00	-2.632
High	5700	5.379	5.379	11.00	-5.621
144	5720	8.551	8.551	11.00	-2.449



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	26118
Test Date:	10/11/21; 09/22/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.75	-0.88	2.12	23.96	11.00
Mid	5580	19.77	-0.88	2.12	23.96	11.00
High	5700	19.69	-0.88	2.12	23.94	11.00
144	5720	19.82	-0.88	2.12	23.97	11.00

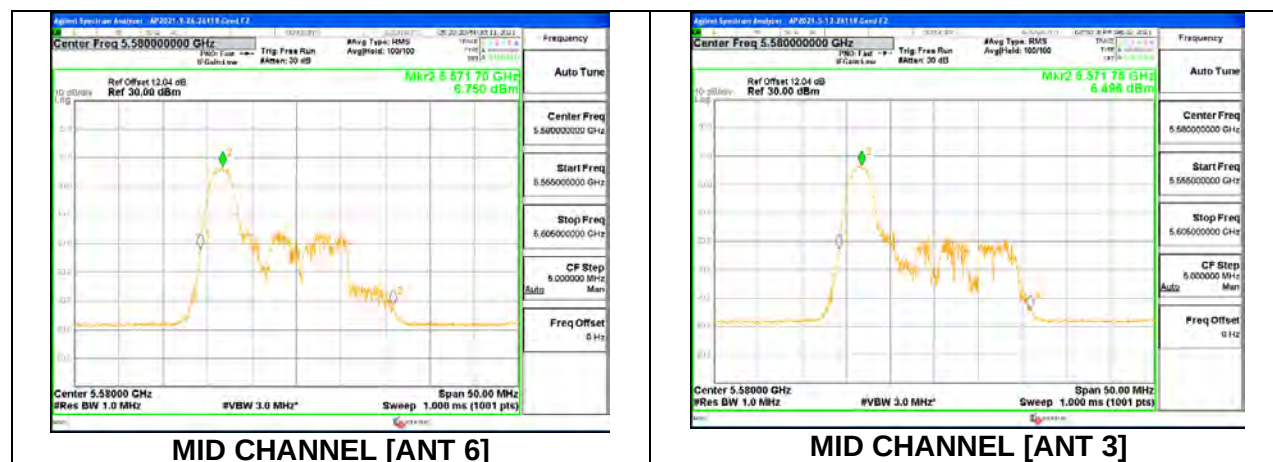
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.70	8.57	11.65	23.96	-12.31
Mid	5580	8.74	8.61	11.69	23.96	-12.27
High	5700	8.54	8.61	11.59	23.94	-12.36
144	5720	8.65	8.59	11.63	23.97	-12.34

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.631	6.421	9.538	11.00	-1.462
Mid	5580	6.750	6.496	9.635	11.00	-1.365
High	5700	6.249	6.495	9.384	11.00	-1.616
144	5720	6.502	6.478	9.500	11.00	-1.500



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 4

Test Engineer:	26118
Test Date:	10/11/21; 09/22/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	18.25	-0.88	2.12	23.61	11.00
Mid	5580	18.23	-0.88	2.12	23.61	11.00
High	5700	18.30	-0.88	2.12	23.62	11.00
144	5720	18.33	-0.88	2.12	23.63	11.00

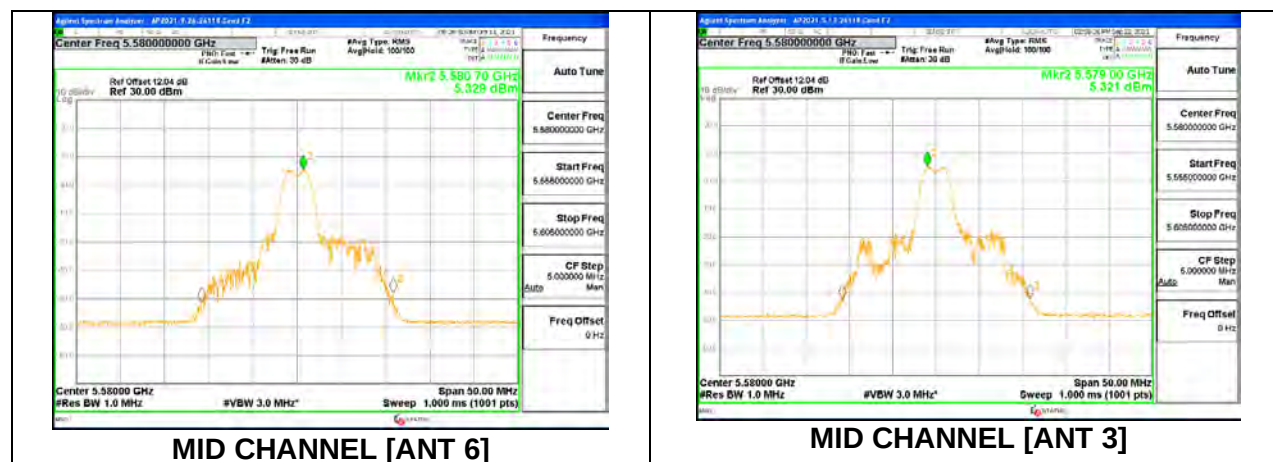
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.63	8.60	11.63	23.61	-11.99
Mid	5580	8.54	8.54	11.55	23.61	-12.06
High	5700	8.65	8.75	11.71	23.62	-11.91
144	5720	8.56	8.55	11.57	23.63	-12.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	5.638	5.592	8.625	11.00	-2.375
Mid	5580	5.329	5.321	8.335	11.00	-2.665
High	5700	5.641	5.936	8.801	11.00	-2.199
144	5720	5.489	5.350	8.430	11.00	-2.570



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	26118
Test Date:	10/11/21; 09/22/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	19.84	-0.88	2.12	23.98	11.00
Mid	5580	19.84	-0.88	2.12	23.98	11.00
High	5700	19.84	-0.88	2.12	23.98	11.00
144	5720	19.93	-0.88	2.12	24.00	11.00

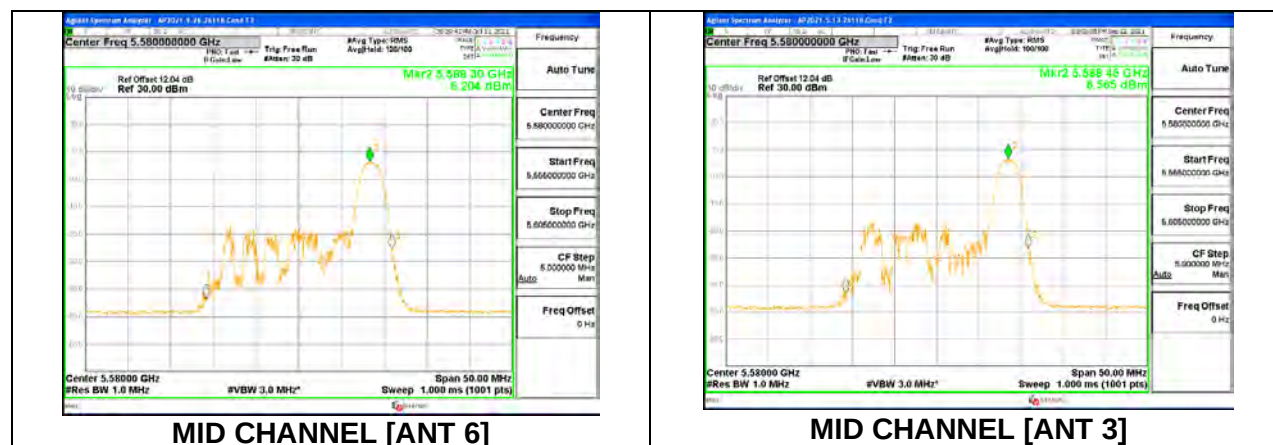
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.71	8.69	11.71	23.98	-12.27
Mid	5580	8.52	8.65	11.60	23.98	-12.38
High	5700	8.57	8.55	11.57	23.98	-12.41
144	5720	8.60	8.64	11.63	24.00	-12.36

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.872	6.744	9.819	11.00	-1.181
Mid	5580	6.204	6.565	9.399	11.00	-1.601
High	5700	6.333	6.300	9.327	11.00	-1.673
144	5720	6.431	6.545	9.499	11.00	-1.501



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	09/24/21; 09/22/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	21.66	-0.88	2.12	24.00	11.00
Mid	5580	20.98	-0.88	2.12	24.00	11.00
High	5700	21.42	-0.88	2.12	24.00	11.00
144	5720	21.13	-0.88	2.12	24.00	11.00

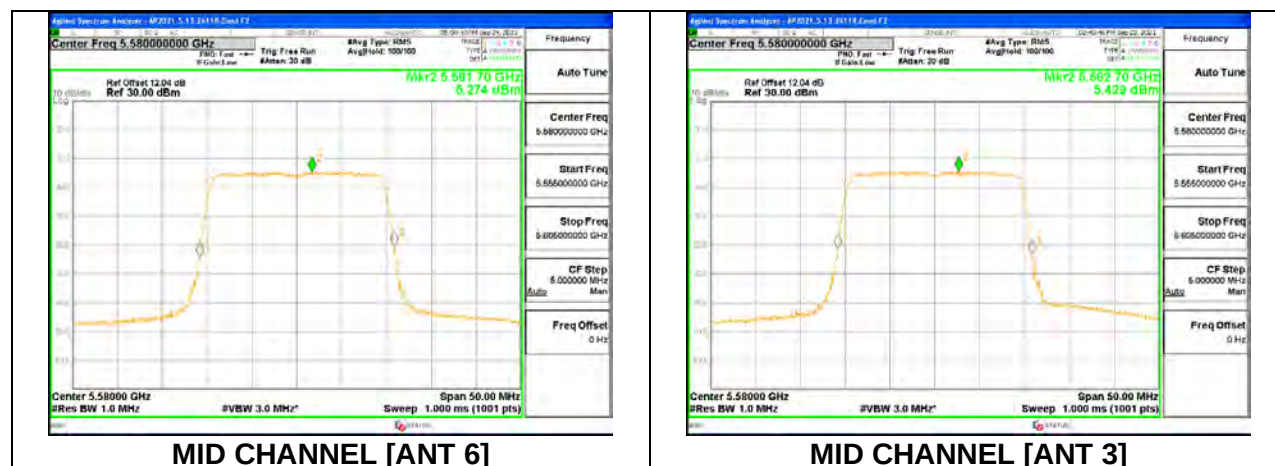
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.35	14.40	17.39	24.00	-6.61
Mid	5580	16.60	16.65	19.64	24.00	-4.36
High	5700	14.82	14.75	17.80	24.00	-6.20
144	5720	16.67	16.73	19.71	24.00	-4.29

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	3.390	3.228	6.320	11.00	-4.680
Mid	5580	5.274	5.429	8.362	11.00	-2.638
High	5700	3.897	3.889	6.903	11.00	-4.097
144	5720	5.430	5.526	8.489	11.00	-2.511



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

Test Engineer:	26118
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	21.11	-1.30	24.00	11.00
Mid	5550	20.96	-1.30	24.00	11.00
High	5670	20.47	-1.30	24.00	11.00
142	5710	20.93	-1.30	24.00	11.00

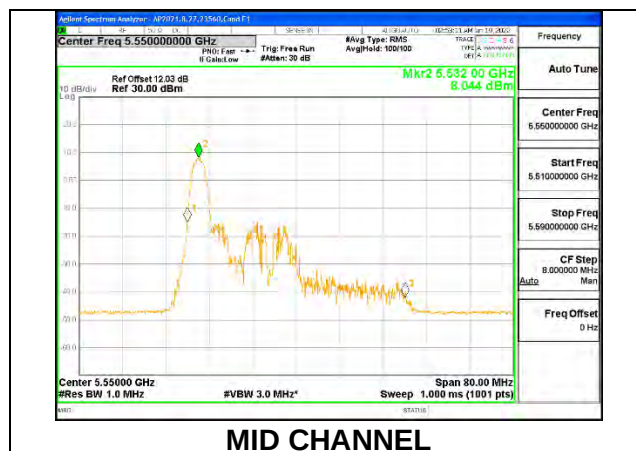
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.68	10.68	24.00	-13.32
Mid	5550	10.80	10.80	24.00	-13.20
High	5670	10.74	10.74	24.00	-13.26
142	5710	10.90	10.90	24.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.991	7.991	11.00	-3.009
Mid	5550	8.044	8.044	11.00	-2.956
High	5670	8.743	8.743	11.00	-2.257
142	5710	9.582	9.582	11.00	-1.418



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

Test Engineer:	26118
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	23.36	-1.30	24.00	11.00
Mid	5550	23.64	-1.30	24.00	11.00
High	5670	23.45	-1.30	24.00	11.00
142	5710	23.23	-1.30	24.00	11.00

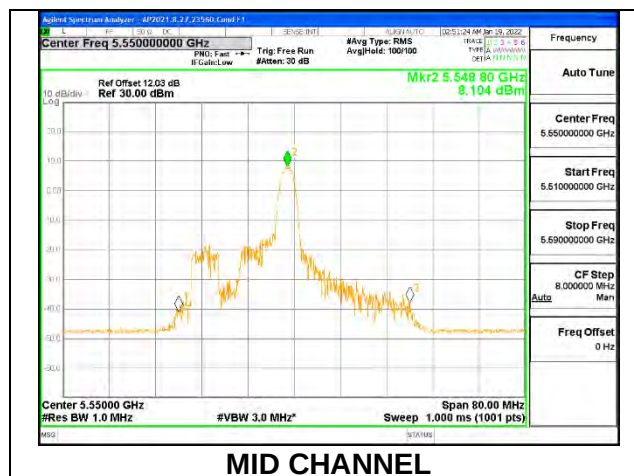
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.72	10.72	24.00	-13.28
Mid	5550	10.65	10.65	24.00	-13.35
High	5670	10.85	10.85	24.00	-13.15
142	5710	10.95	10.95	24.00	-13.05

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	5510	8.414	8.414	11.00	-2.586
Mid	5550	8.104	8.104	11.00	-2.896
High	5670	8.820	8.820	11.00	-2.180
142	5710	9.658	9.658	11.00	-1.342



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

Test Engineer:	26118
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	20.73	-1.30	24.00	11.00
Mid	5550	20.62	-1.30	24.00	11.00
High	5670	20.81	-1.30	24.00	11.00
142	5710	21.25	-1.30	24.00	11.00

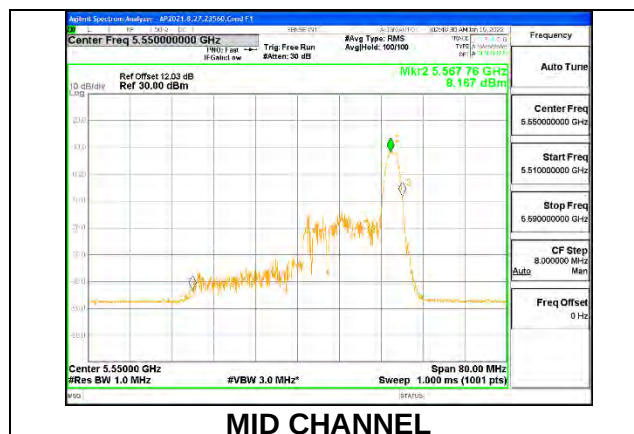
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.65	10.65	24.00	-13.35
Mid	5550	10.68	10.68	24.00	-13.32
High	5670	10.85	10.85	24.00	-13.15
142	5710	10.92	10.92	24.00	-13.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	8.158	8.158	11.00	-2.842
Mid	5550	8.167	8.167	11.00	-2.833
High	5670	8.821	8.821	11.00	-2.179
142	5710	9.313	9.313	11.00	-1.687



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	43.66	-1.30	24.00	11.00
Mid	5550	41.52	-1.30	24.00	11.00
High	5670	42.52	-1.30	24.00	11.00
142	5710	41.21	-1.30	24.00	11.00

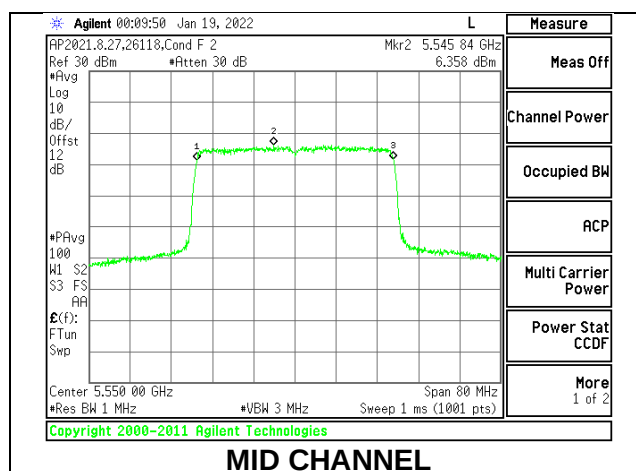
Duty Cycle CF (dB)	0.11	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.70	14.70	24.00	-9.30
Mid	5550	20.30	20.30	24.00	-3.70
High	5670	17.30	17.30	24.00	-6.70
142	5710	20.20	20.20	24.00	-3.80

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	1.724	1.834	11.00	-9.166
Mid	5550	6.358	6.468	11.00	-4.532
High	5670	5.704	5.814	11.00	-5.186
142	5710	6.043	6.153	11.00	-4.847



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	20737
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	21.07	-0.50	24.00	11.00
Mid	5550	21.22	-0.50	24.00	11.00
High	5670	21.33	-0.50	24.00	11.00
142	5710	20.42	-0.50	24.00	11.00

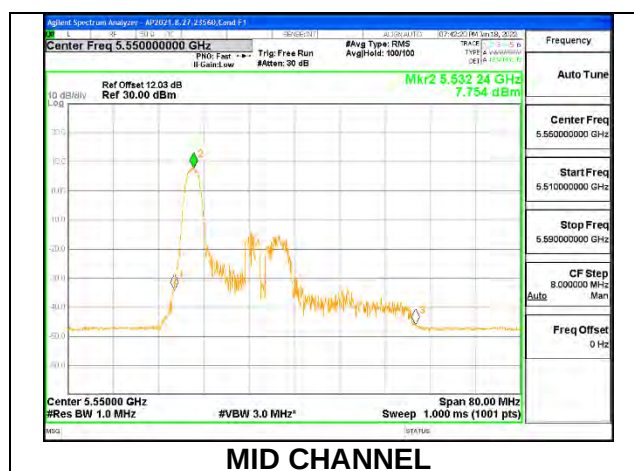
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.65	10.65	24.00	-13.35
Mid	5550	10.66	10.66	24.00	-13.34
High	5670	10.94	10.94	24.00	-13.06
142	5710	10.90	10.90	24.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.645	7.645	11.00	-3.355
Mid	5550	7.754	7.754	11.00	-3.246
High	5670	8.997	8.997	11.00	-2.003
142	5710	8.929	8.929	11.00	-2.071



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	20737
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	23.31	-0.50	24.00	11.00
Mid	5550	24.31	-0.50	24.00	11.00
High	5670	23.90	-0.50	24.00	11.00
142	5710	23.66	-0.50	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.72	10.72	24.00	-13.28
Mid	5550	10.65	10.65	24.00	-13.35
High	5670	10.92	10.92	24.00	-13.08
142	5710	10.90	10.90	24.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	8.260	8.260	11.00	-2.740
Mid	5550	7.830	7.830	11.00	-3.170
High	5670	8.814	8.814	11.00	-2.186
142	5710	8.778	8.778	11.00	-2.222



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 17

Test Engineer:	20737
Test Date:	01/14/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	21.23	-0.50	24.00	11.00
Mid	5550	21.01	-0.50	24.00	11.00
High	5670	21.25	-0.50	24.00	11.00
142	5710	21.26	-0.50	24.00	11.00

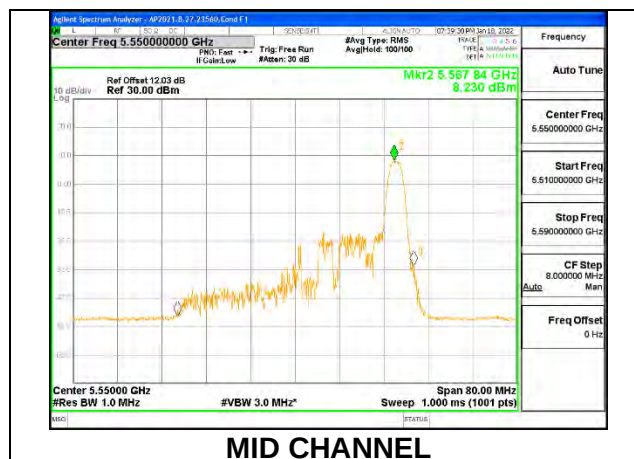
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.73	10.73	24.00	-13.27
Mid	5550	10.67	10.67	24.00	-13.33
High	5670	10.95	10.95	24.00	-13.05
142	5710	10.90	10.90	24.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	8.495	8.495	11.00	-2.505
Mid	5550	8.230	8.230	11.00	-2.770
High	5670	9.197	9.197	11.00	-1.803
142	5710	8.956	8.956	11.00	-2.044



1TX Antenna 3 MODE (FCC) – SU Mode

Test Engineer:	23560
Test Date:	09/23/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	45.48	-0.50	24.00	11.00
Mid	5550	41.51	-0.50	24.00	11.00
High	5670	43.17	-0.50	24.00	11.00
142	5710	41.25	-0.50	24.00	11.00

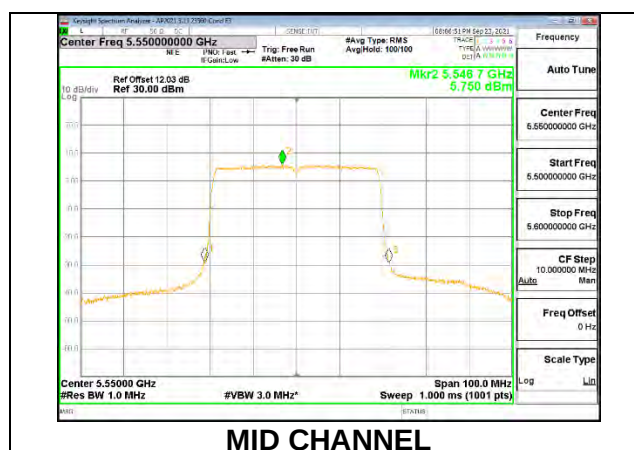
Duty Cycle CF (dB)	0.11	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.73	14.73	24.00	-9.27
Mid	5550	20.25	20.25	24.00	-3.75
High	5670	17.40	17.40	24.00	-6.60
142	5710	20.35	20.35	24.00	-3.65

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	1.740	1.850	11.00	-9.150
Mid	5550	5.750	5.860	11.00	-5.140
High	5670	5.618	5.728	11.00	-5.272
142	5710	5.574	5.684	11.00	-5.316



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	26118; 23560
Test Date:	09/28/21; 09/24/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	19.68	-0.88	2.12	23.94	11.00
Mid	5550	20.00	-0.88	2.12	24.00	11.00
High	5670	20.31	-0.88	2.12	24.00	11.00
142	5710	20.09	-0.88	2.12	24.00	11.00

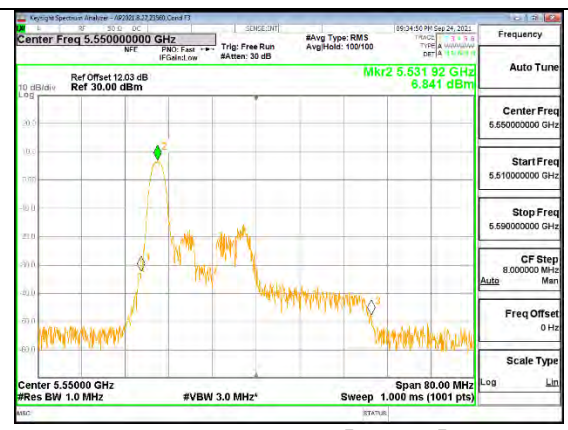
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.69	6.67	10.81	23.94	-13.13
Mid	5550	8.70	8.73	11.73	24.00	-12.27
High	5670	8.73	8.71	11.73	24.00	-12.27
142	5710	8.66	8.67	11.68	24.00	-12.32

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.511	6.463	9.497	11.00	-1.50
Mid	5550	6.579	6.841	9.722	11.00	-1.28
High	5670	6.733	6.848	9.801	11.00	-1.20
142	5710	6.508	6.415	9.472	11.00	-1.53



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 8

Test Engineer:	26118; 23560
Test Date:	09/28/21; 09/24/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	23.23	-0.88	2.12	24.00	11.00
Mid	5550	22.64	-0.88	2.12	24.00	11.00
High	5670	23.02	-0.88	2.12	24.00	11.00
142	5710	23.22	-0.88	2.12	24.00	11.00

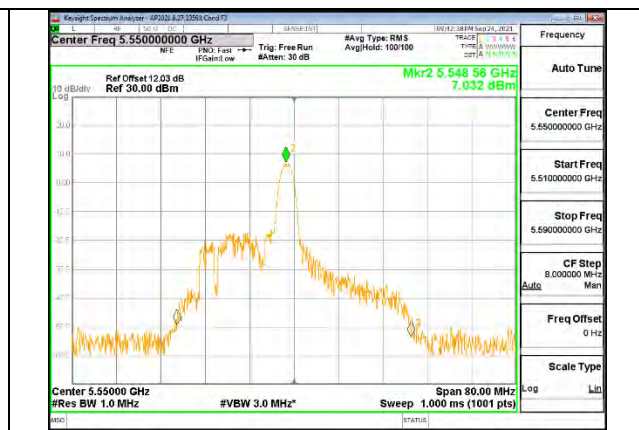
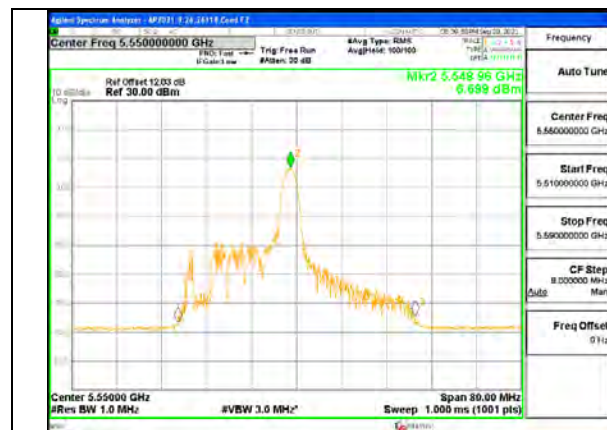
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.71	8.69	11.71	24.00	-12.29
Mid	5550	8.66	8.68	11.68	24.00	-12.32
High	5670	8.61	8.59	11.61	24.00	-12.39
142	5710	8.59	8.60	11.61	24.00	-12.39

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	7.392	6.908	10.167	11.00	-0.83
Mid	5550	6.699	7.032	9.879	11.00	-1.12
High	5670	6.622	6.499	9.571	11.00	-1.43
142	5710	6.381	6.459	9.430	11.00	-1.57



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 17

Test Engineer:	26118; 23560
Test Date:	09/28/21; 09/24/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	19.78	-0.88	2.12	23.96	11.00
Mid	5550	20.02	-0.88	2.12	24.00	11.00
High	5670	19.89	-0.88	2.12	23.99	11.00
142	5710	19.85	-0.88	2.12	23.98	11.00

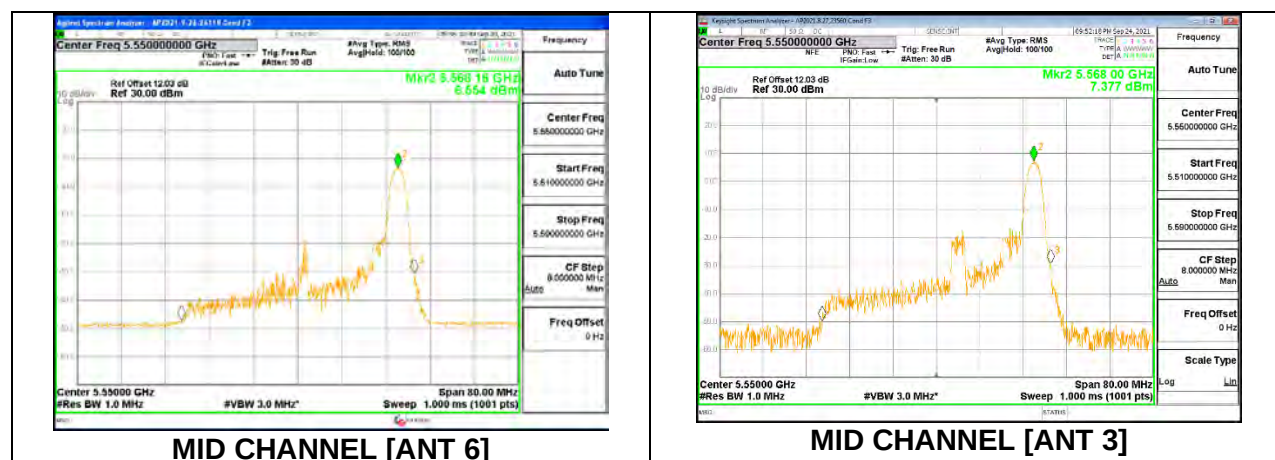
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.68	8.64	11.67	23.96	-12.29
Mid	5550	8.70	8.72	11.72	24.00	-12.28
High	5670	8.69	8.67	11.69	23.99	-12.30
142	5710	8.66	8.68	11.68	23.98	-12.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.372	6.284	9.339	11.00	-1.66
Mid	5550	6.554	7.377	9.995	11.00	-1.00
High	5670	6.375	6.177	9.287	11.00	-1.71
142	5710	6.323	6.439	9.392	11.00	-1.61



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode

Test Engineer:	26118; 23560
Test Date:	09/28/21; 09/24/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.75	-0.88	2.12	24.00	11.00
Mid	5550	40.94	-0.88	2.12	24.00	11.00
High	5670	42.42	-0.88	2.12	24.00	11.00
142	5710	40.72	-0.88	2.12	24.00	11.00

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

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.40	14.25	17.34	24.00	-6.66
Mid	5550	19.44	19.43	22.45	24.00	-1.55
High	5670	16.76	16.70	19.74	24.00	-4.26
142	5710	19.42	19.35	22.40	24.00	-1.60

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	1.225	1.121	4.294	11.00	-6.71
Mid	5550	5.028	5.364	8.320	11.00	-2.68
High	5670	4.980	5.252	8.238	11.00	-2.76
142	5710	5.140	5.481	8.434	11.00	-2.57

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 3]**

9.4.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

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

Test Engineer:	26118
Test Date:	10/01/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.74	-1.30	23.95	11.00
High	5610	19.52	-1.30	23.90	11.00
138	5690	19.68	-1.30	23.94	11.00

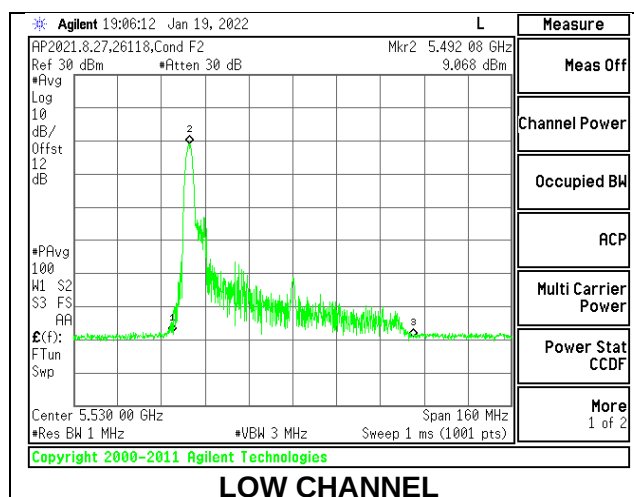
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.69	11.69	23.95	-12.26
High	5610	11.87	11.87	23.90	-12.03
138	5690	11.77	11.77	23.94	-12.17

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	9.068	9.068	11.00	-1.932
High	5610	9.087	9.087	11.00	-1.913
138	5690	9.178	9.178	11.00	-1.822



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

Test Engineer:	26118
Test Date:	10/01/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	40.64	-1.30	24.00	11.00
High	5610	40.62	-1.30	24.00	11.00
138	5690	39.59	-1.30	24.00	11.00

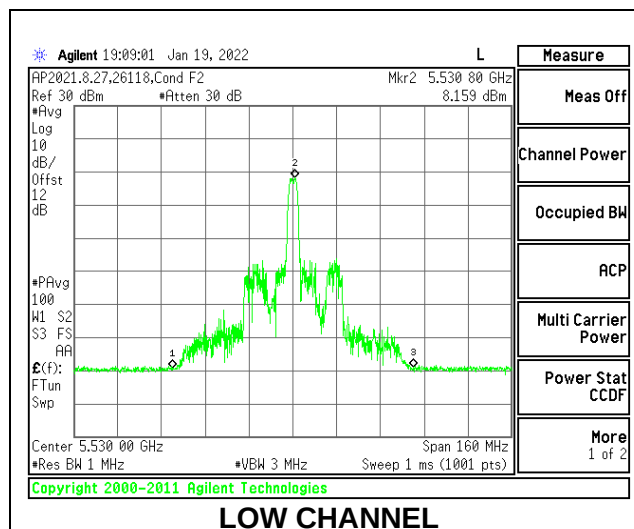
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.90	11.90	24.00	-12.10
High	5610	11.84	11.84	24.00	-12.16
138	5690	11.89	11.89	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	8.159	8.159	11.00	-2.841
High	5610	8.095	8.095	11.00	-2.905
138	5690	8.313	8.313	11.00	-2.687



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

Test Engineer:	26118
Test Date:	10/01/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	20.58	-1.30	24.00	11.00
High	5610	20.70	-1.30	24.00	11.00
138	5690	20.59	-1.30	24.00	11.00

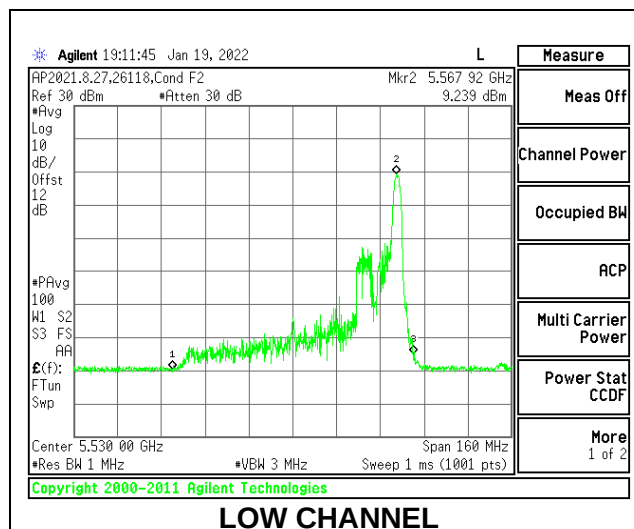
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.71	11.71	24.00	-12.29
High	5610	11.89	11.89	24.00	-12.11
138	5690	11.69	11.69	24.00	-12.31

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	9.239	9.239	11.00	-1.761
High	5610	9.846	9.846	11.00	-1.154
138	5690	9.504	9.504	11.00	-1.496



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	09/30/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	83.44	-1.30	24.00	11.00
High	5610	83.05	-1.30	24.00	11.00
138	5690	81.58	-1.30	24.00	11.00

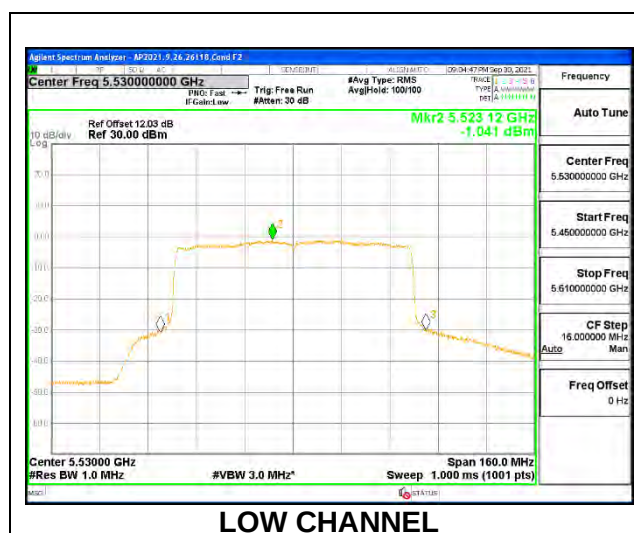
Duty Cycle CF (dB)	0.24	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.33	14.33	24.00	-9.67
High	5610	21.36	21.36	24.00	-2.64
138	5690	21.09	21.09	24.00	-2.91

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-1.041	-0.801	11.00	-11.801
High	5610	4.218	4.458	11.00	-6.542
138	5690	3.803	4.043	11.00	-6.957



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	20737
Test Date:	09/30/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	18.75	-0.50	23.73	11.00
High	5610	19.59	-0.50	23.92	11.00
138	5690	19.66	-0.50	23.94	11.00

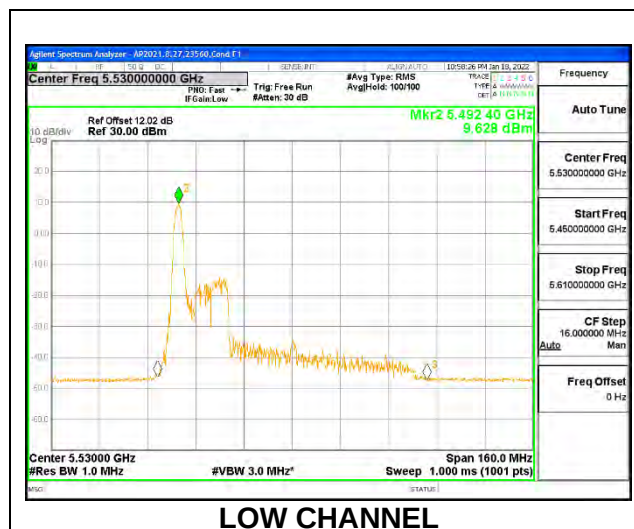
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.66	11.66	23.73	-12.07
High	5610	11.72	11.72	23.92	-12.20
138	5690	11.81	11.81	23.94	-12.13

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	9.682	9.682	11.00	-1.318
High	5610	9.333	9.333	11.00	-1.667
138	5690	9.717	9.717	11.00	-1.283



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 18

Test Engineer:	20737
Test Date:	09/30/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	39.91	-0.50	24.00	11.00
High	5610	40.54	-0.50	24.00	11.00
138	5690	40.16	-0.50	24.00	11.00

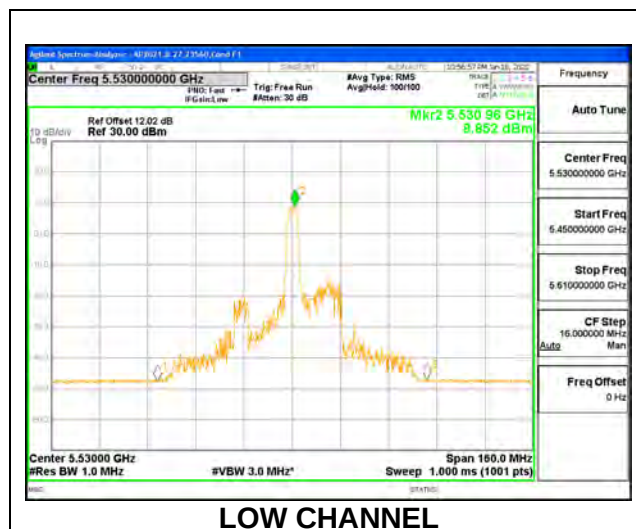
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.89	11.89	24.00	-12.11
High	5610	11.82	11.82	24.00	-12.18
138	5690	11.68	11.68	24.00	-12.32

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	8.852	8.852	11.00	-2.148
High	5610	8.558	8.558	11.00	-2.442
138	5690	8.418	8.418	11.00	-2.582



1TX Antenna 3 MODE (FCC) – 26 Tones, RU Index 36

Test Engineer:	20737
Test Date:	09/30/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	20.34	-0.50	24.00	11.00
High	5610	20.11	-0.50	24.00	11.00
138	5690	20.13	-0.50	24.00	11.00

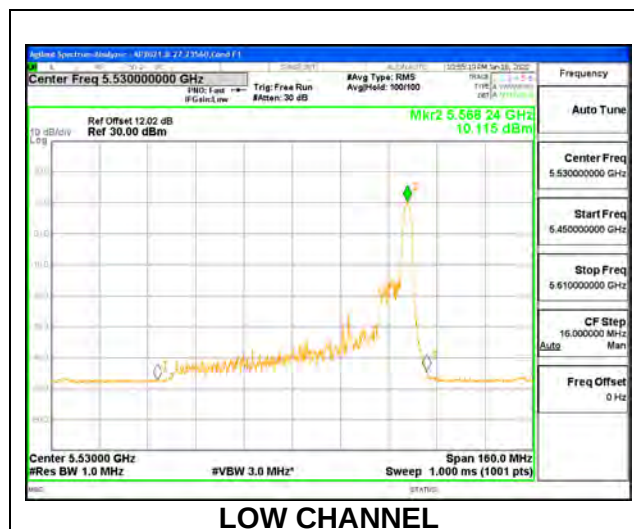
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.84	11.84	24.00	-12.16
High	5610	11.66	11.66	24.00	-12.34
138	5690	11.79	11.79	24.00	-12.21

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	10.115	10.115	11.00	-0.885
High	5610	9.841	9.841	11.00	-1.159
138	5690	10.228	10.228	11.00	-0.772



1TX Antenna 3 MODE (FCC) – SU Mode

Test Engineer:	26118
Test Date:	10/05/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.37	-0.50	24.00	11.00
High	5610	86.92	-0.50	24.00	11.00
138	5690	81.92	-0.50	24.00	11.00

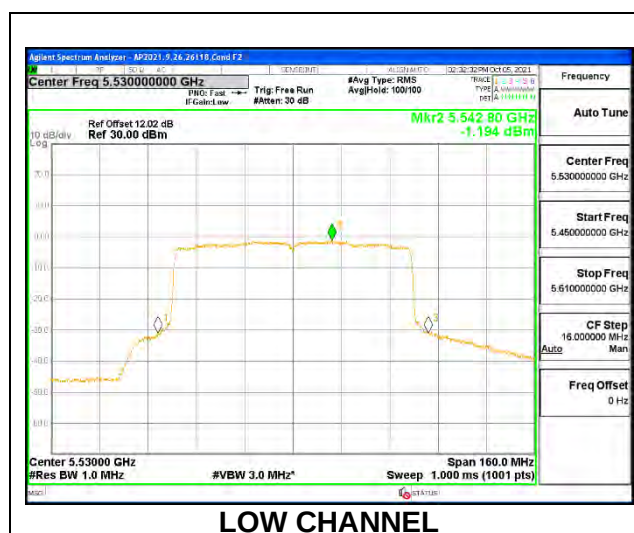
Duty Cycle CF (dB)	0.24	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.32	14.32	24.00	-9.68
High	5610	21.19	21.19	24.00	-2.81
138	5690	21.24	21.24	24.00	-2.76

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-1.194	-0.954	11.00	-11.954
High	5610	4.260	4.500	11.00	-6.500
138	5690	5.278	5.518	11.00	-5.482



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 0

Test Engineer:	26118; 23560
Test Date:	10/01/21; 10/04/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.55	-0.88	2.12	23.91	11.00
High	5610	19.35	-0.88	2.12	23.87	11.00
138	5690	19.36	-0.88	2.12	23.87	11.00

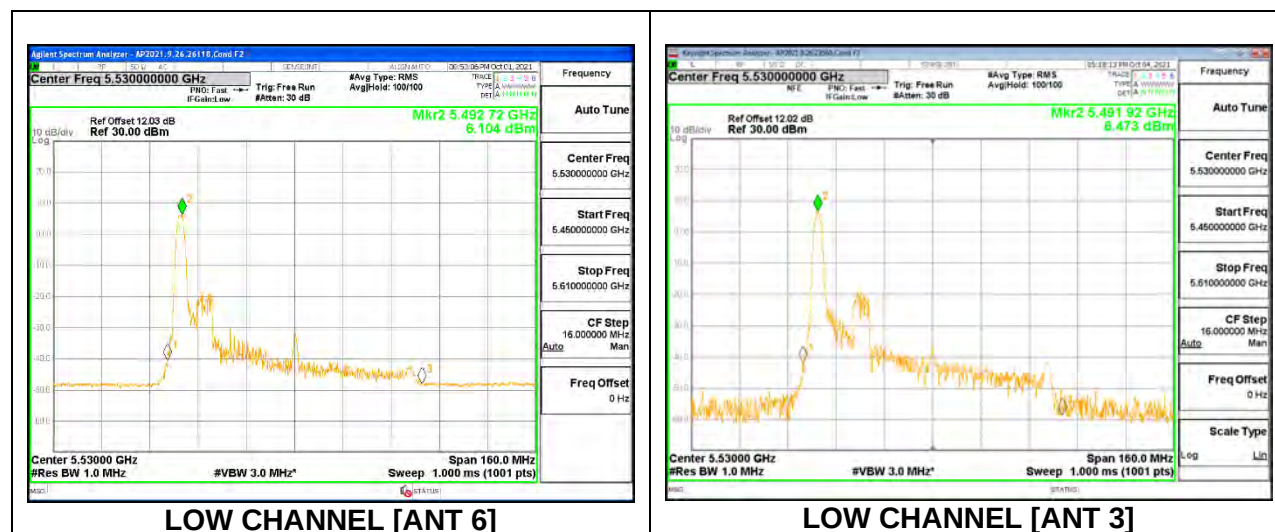
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	7.55	7.65	10.61	23.91	-13.30
High	5610	7.57	7.69	10.64	23.87	-13.23
138	5690	7.63	7.71	10.68	23.87	-13.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	6.104	6.473	9.303	11.00	-1.697
High	5610	6.179	6.583	9.396	11.00	-1.604
138	5690	6.391	6.612	9.513	11.00	-1.487



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 18

Test Engineer:	26118; 23560
Test Date:	10/01/21; 10/04/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	38.74	-0.88	2.12	24.00	11.00
High	5610	38.70	-0.88	2.12	24.00	11.00
138	5690	38.77	-0.88	2.12	24.00	11.00

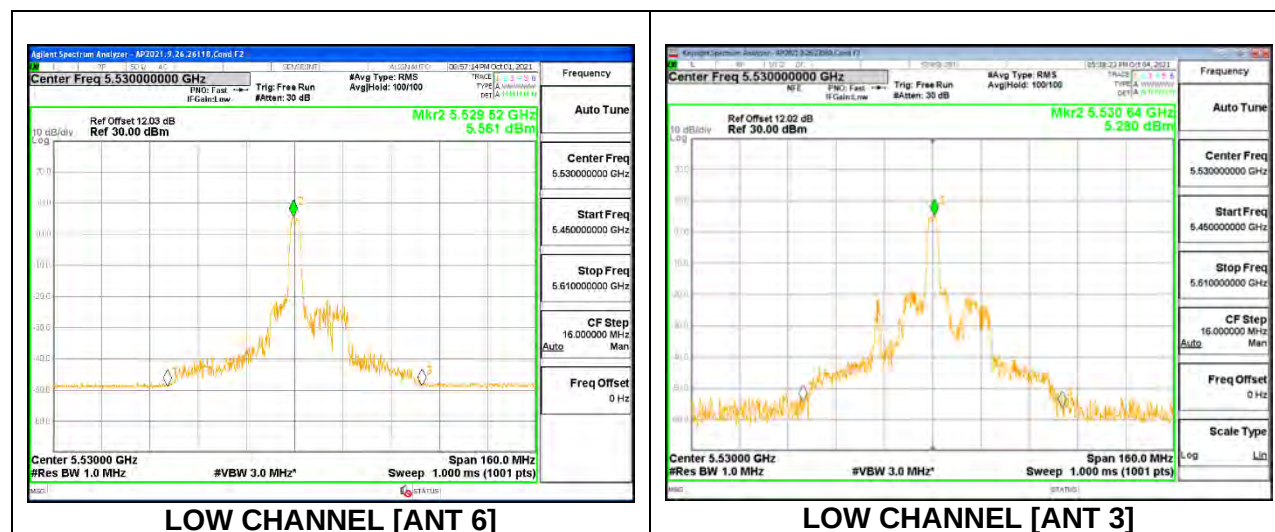
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	7.73	7.65	10.70	24.00	-13.30
High	5610	7.53	7.58	10.57	24.00	-13.43
138	5690	7.61	7.63	10.63	24.00	-13.37

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	5.561	5.280	8.433	11.00	-2.567
High	5610	5.069	5.124	8.107	11.00	-2.893
138	5690	5.211	5.259	8.245	11.00	-2.755



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – 26 Tones, RU Index 36

Test Engineer:	26118; 23560
Test Date:	10/01/21; 10/04/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.55	-0.88	2.12	23.91	11.00
High	5610	19.33	-0.88	2.12	23.86	11.00
138	5690	19.61	-0.88	2.12	23.92	11.00

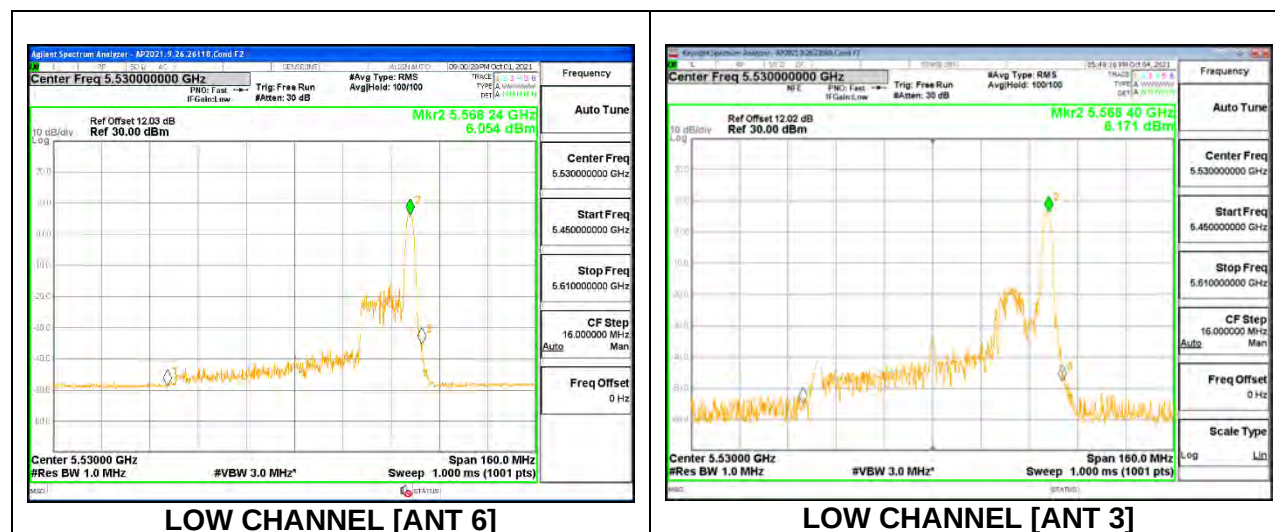
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	7.54	7.60	10.58	23.91	-13.33
High	5610	7.65	7.75	10.71	23.86	-13.15
138	5690	7.67	7.70	10.70	23.92	-13.23

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	6.054	6.171	9.123	11.00	-1.877
High	5610	6.402	6.673	9.550	11.00	-1.450
138	5690	6.422	6.530	9.487	11.00	-1.513



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC) – SU Mode

Test Engineer:	26118; 23560
Test Date:	10/01/21; 10/04/21

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.81	-0.88	2.12	24.00	11.00
High	5610	81.36	-0.88	2.12	24.00	11.00
138	5690	81.14	-0.88	2.12	24.00	11.00

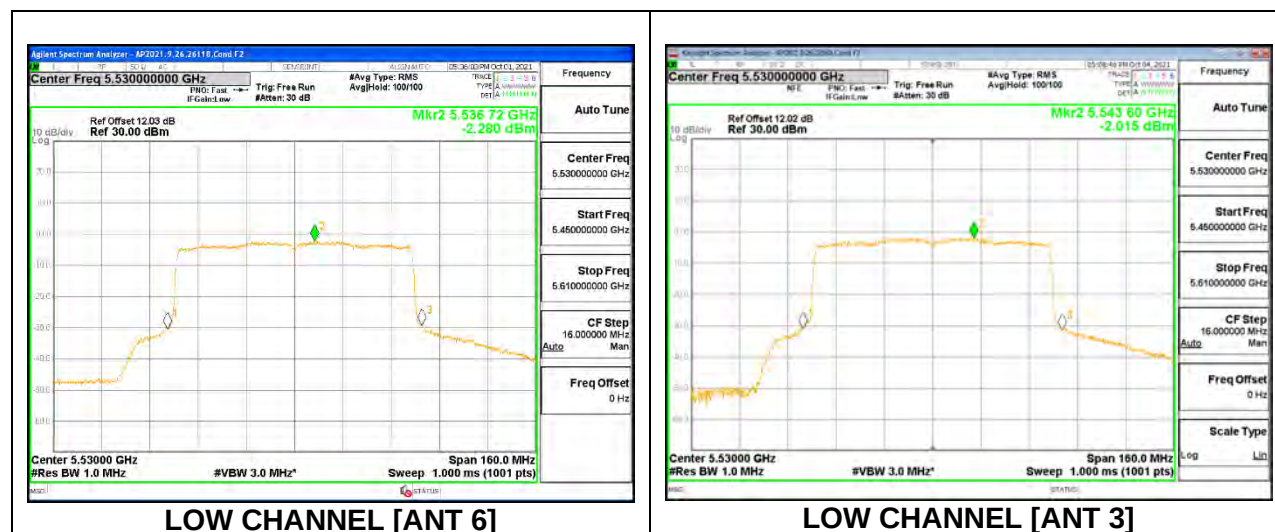
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	13.64	13.71	16.69	24.00	-7.31
High	5610	19.60	19.70	22.66	24.00	-1.34
138	5690	19.57	19.67	22.63	24.00	-1.37

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-2.280	-2.015	1.105	11.00	-9.895
High	5610	2.786	3.093	6.193	11.00	-4.807
138	5690	2.759	2.959	6.110	11.00	-4.890



9.4.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	26118
Test Date:	10/05/21

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.60	30.00	30.00
Mid	5785	-1.60	30.00	30.00
High	5825	-1.60	30.00	30.00

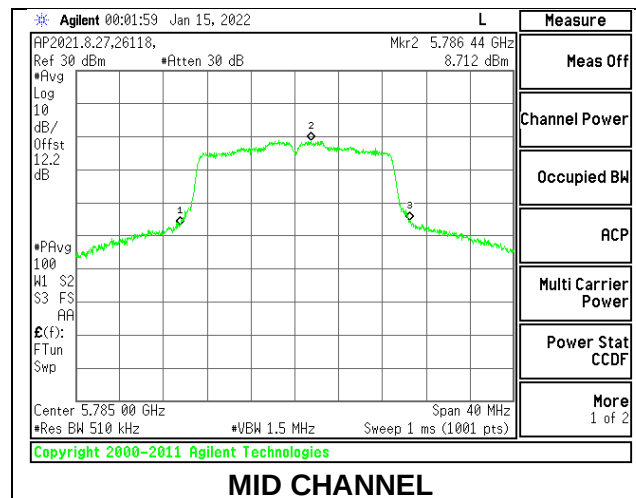
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.30	21.30	30.00	-8.70
Mid	5785	21.12	21.12	30.00	-8.88
High	5825	21.09	21.09	30.00	-8.91

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	9.234	9.234	20.766	-11.53
Mid	5785	8.712	8.712	21.288	-12.58
High	5825	8.726	8.726	21.274	-12.55



1TX Antenna 3 MODE (FCC)

Test Engineer:	20737
Test Date:	10/05/21

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.10	30.00	30.00
Mid	5785	-0.10	30.00	30.00
High	5825	-0.10	30.00	30.00

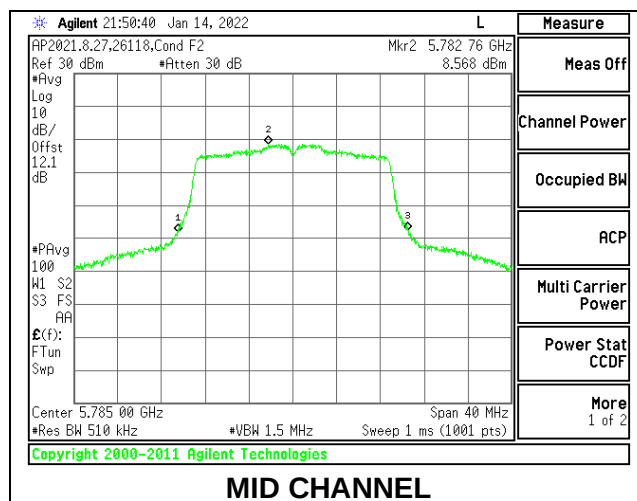
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.19	21.19	30.00	-8.81
Mid	5785	21.25	21.25	30.00	-8.75
High	5825	21.21	21.21	30.00	-8.79

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	8.816	8.816	30.00	-21.18
Mid	5785	8.568	8.568	30.00	-21.43
High	5825	9.046	9.046	30.00	-20.95



2TX Antenna 6 + Antenna 3 CDD MODE (FCC)

Test Engineer:	26118; 20737
Test Date:	10/05/21; 10/06/21

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.79	2.19	30.00	30.00
Mid	5785	-0.79	2.19	30.00	30.00
High	5825	-0.79	2.19	30.00	30.00

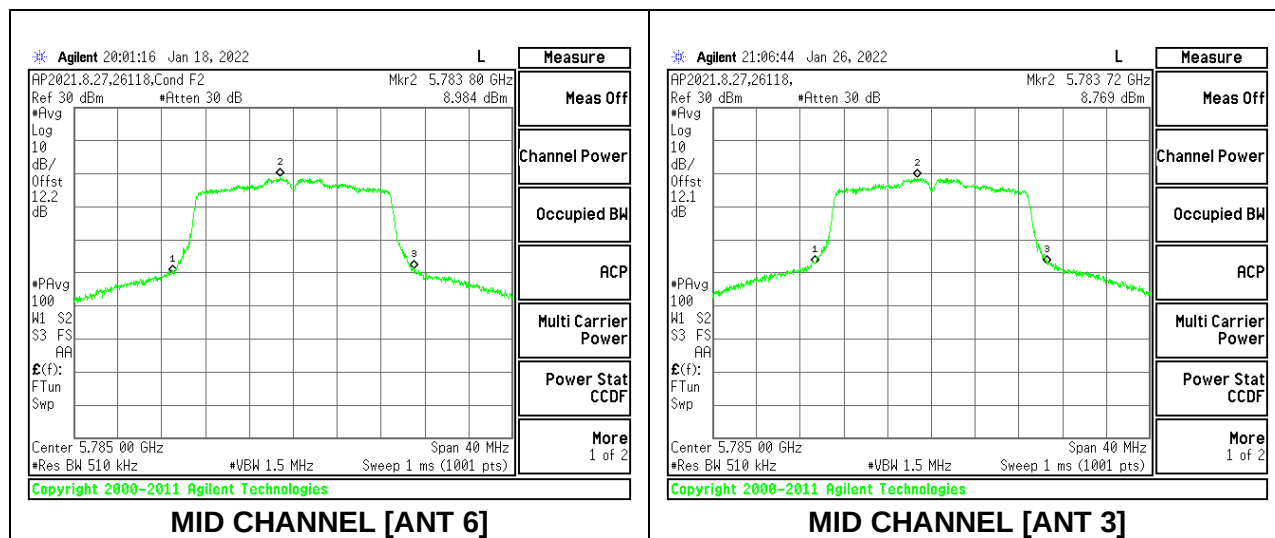
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.11	21.15	24.14	30.00	-5.86
Mid	5785	21.22	21.20	24.22	30.00	-5.78
High	5825	21.19	21.17	24.19	30.00	-5.81

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	8.682	8.848	11.776	30.00	-18.224
Mid	5785	8.984	8.769	11.888	30.00	-18.112
High	5825	8.815	8.955	11.896	30.00	-18.104



9.4.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	23560
Test Date:	09/15/21

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.60	30.00	30.00
High	5795	-1.60	30.00	30.00

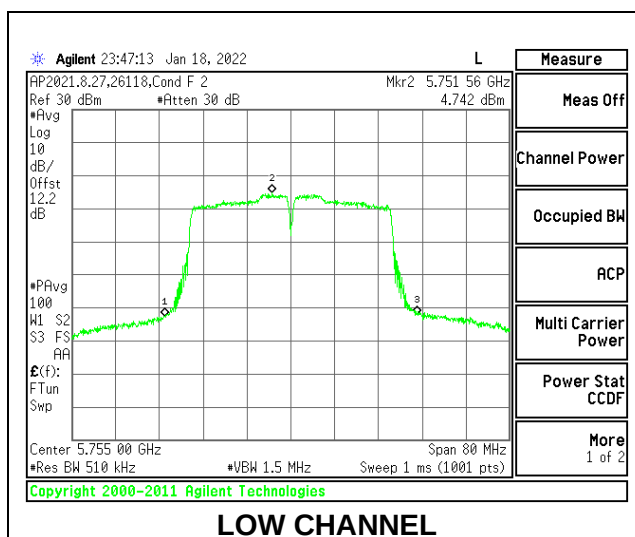
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.24	20.24	30.00	-9.76
High	5795	20.20	20.20	30.00	-9.80

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.742	4.842	30.00	-25.16
High	5795	4.942	5.042	30.00	-24.96



1TX Antenna 3 MODE (FCC)

Test Engineer:	23560
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.10	30.00	30.00
High	5795	-0.10	30.00	30.00

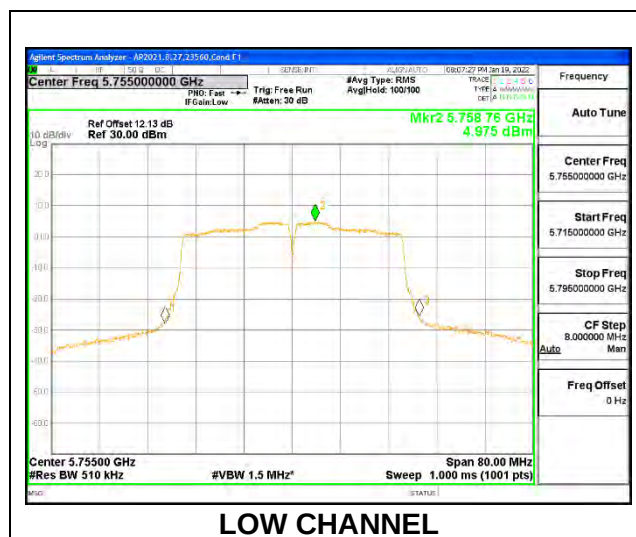
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.09	20.09	30.00	-9.91
High	5795	20.16	20.16	30.00	-9.84

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.975	5.075	30.00	-24.93
High	5795	5.379	5.479	30.00	-24.52



2TX Antenna 6 + Antenna 3 CDD MODE (FCC)

Test Engineer:	23560; 23560
Test Date:	01/18/22; 01/26/22

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.79	2.19	30.00	30.00
High	5795	-0.79	2.19	30.00	30.00

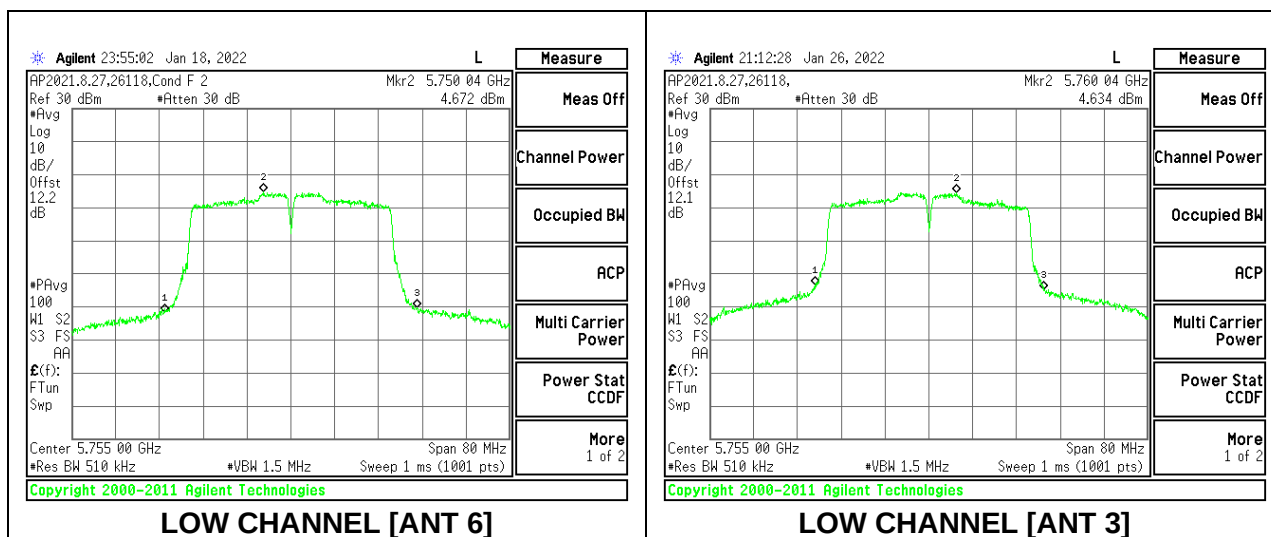
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.25	20.21	23.24	30.00	-6.76
High	5795	20.39	20.19	23.30	30.00	-6.70

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.672	4.634	7.763	30.00	-22.237
High	5795	4.451	4.656	7.665	30.00	-22.335



9.4.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	23560
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.60	30.00	30.00

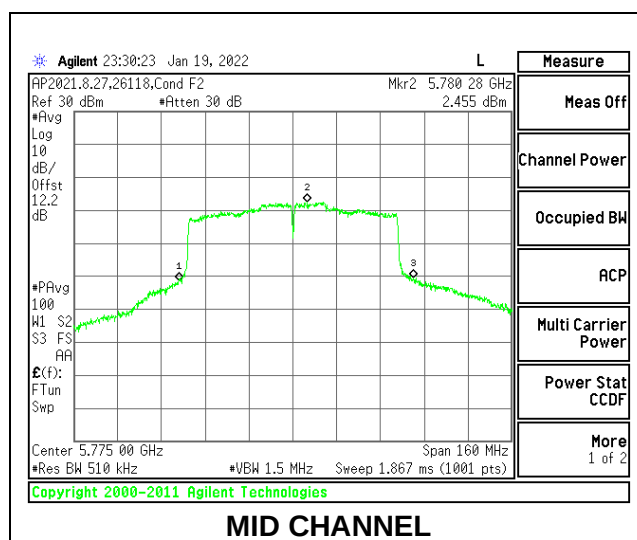
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.19	21.19	30.00	-8.81

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	2.455	2.655	30.00	-27.35



1TX Antenna 3 MODE (FCC)

Test Engineer:	23560
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.10	30.00	30.00

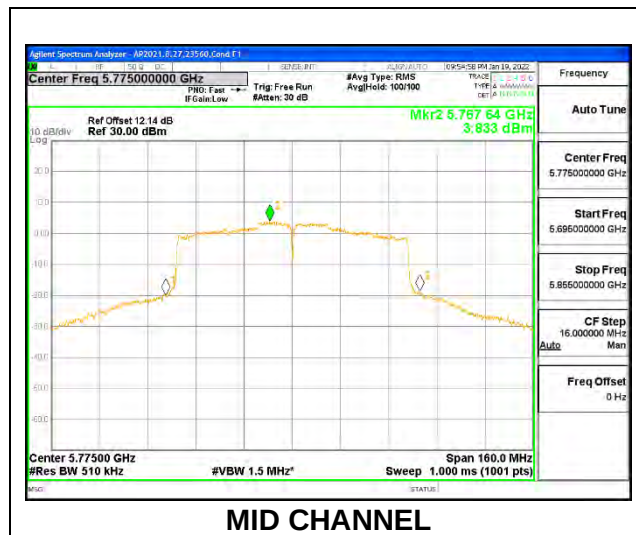
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.23	21.23	30.00	-8.77

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	3.833	4.033	30.00	-25.97



2TX Antenna 6 + Antenna 3 CDD MODE (FCC)

Test Engineer:	23560
Test Date:	01/18/2022; 01/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.79	2.19	30.00	30.00

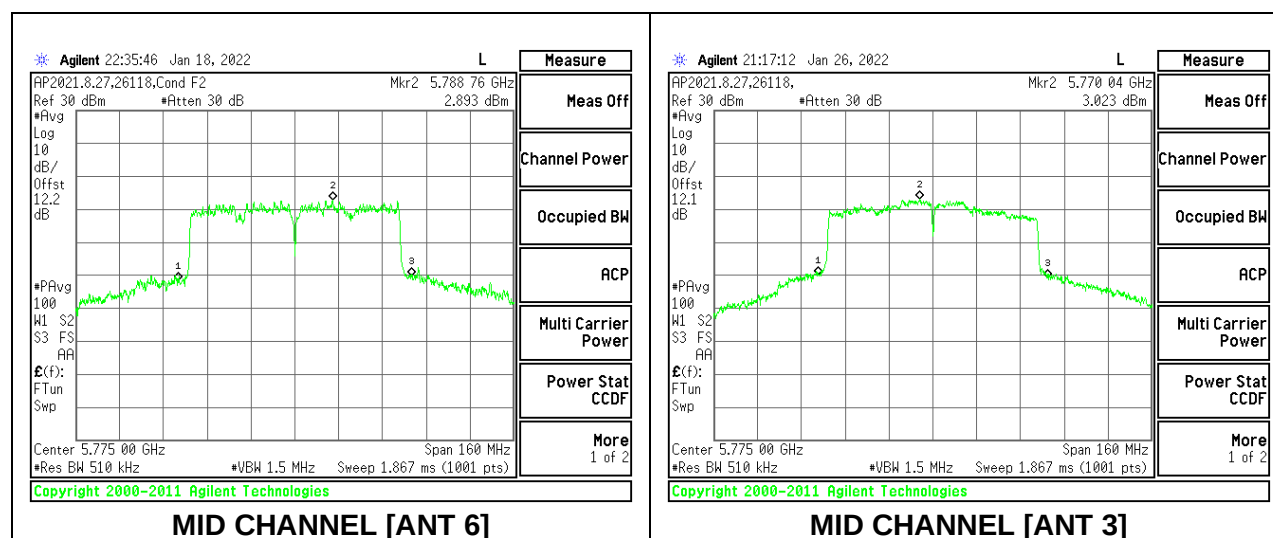
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.22	21.25	24.25	30.00	-5.75

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	2.893	3.023	6.169	30.00	-23.831



9.4.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

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

Test Engineer:	26118
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.60	30.00	30.00
Mid	5785	-1.60	30.00	30.00
High	5825	-1.60	30.00	30.00

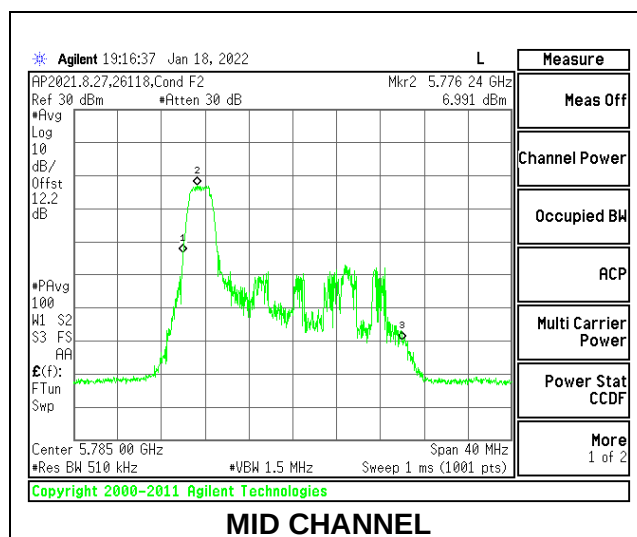
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.90	11.90	30.00	-18.10
Mid	5785	11.68	11.68	30.00	-18.32
High	5825	11.77	11.77	30.00	-18.23

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.828	6.828	30.00	-23.17
Mid	5785	6.991	6.991	30.00	-23.01
High	5825	7.239	7.239	30.00	-22.76



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

Test Engineer:	26118
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.60	30.00	30.00
Mid	5785	-1.60	30.00	30.00
High	5825	-1.60	30.00	30.00

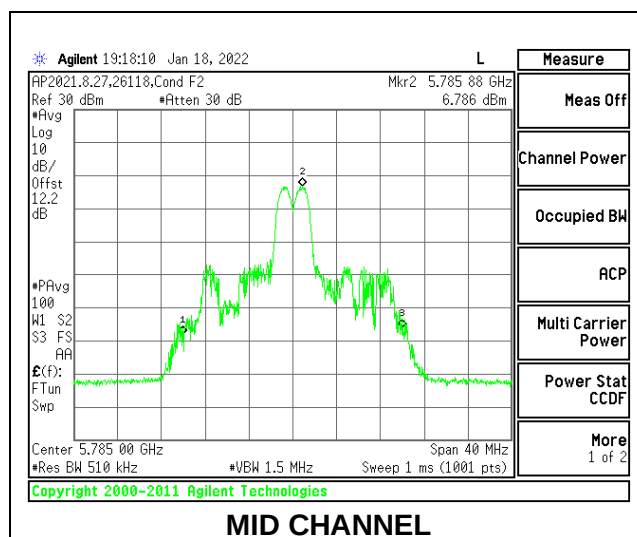
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.74	11.74	30.00	-18.26
Mid	5785	11.69	11.69	30.00	-18.31
High	5825	11.70	11.70	30.00	-18.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.901	6.901	30.00	-23.10
Mid	5785	6.786	6.786	30.00	-23.21
High	5825	6.874	6.874	30.00	-23.13



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

Test Engineer:	26118
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.60	30.00	30.00
Mid	5785	-1.60	30.00	30.00
High	5825	-1.60	30.00	30.00

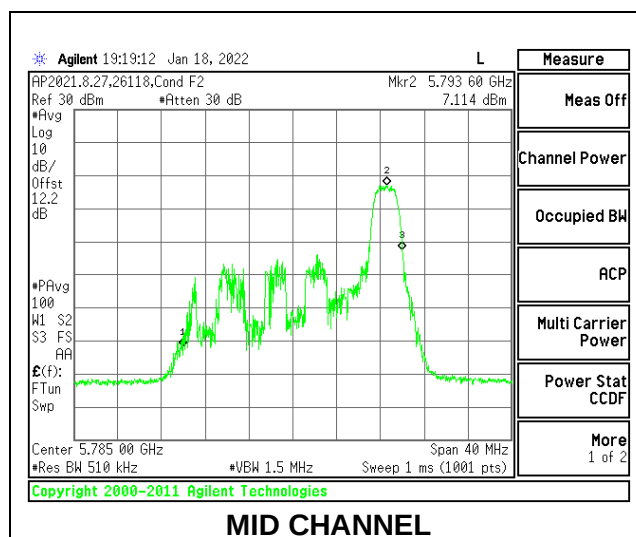
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.90	11.90	30.00	-18.10
Mid	5785	11.84	11.84	30.00	-18.16
High	5825	11.77	11.77	30.00	-18.23

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.869	6.869	30.00	-23.13
Mid	5785	7.114	7.114	30.00	-22.89
High	5825	7.088	7.088	30.00	-22.91



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

Test Engineer:	26118
Test Date:	01/15/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.60	30.00	30.00
Mid	5785	-1.60	30.00	30.00
High	5825	-1.60	30.00	30.00

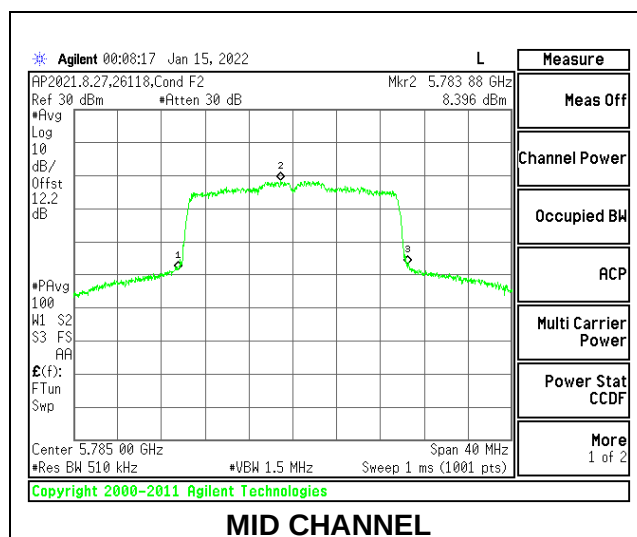
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.30	21.30	30.00	-8.70
Mid	5785	21.25	21.25	30.00	-8.75
High	5825	21.17	21.17	30.00	-8.83

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	8.429	8.429	30.00	-21.57
Mid	5785	8.396	8.396	30.00	-21.60
High	5825	8.879	8.879	30.00	-21.12



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	26118
Test Date:	01/14/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.10	30.00	30.00
Mid	5785	-0.10	30.00	30.00
High	5825	-0.10	30.00	30.00

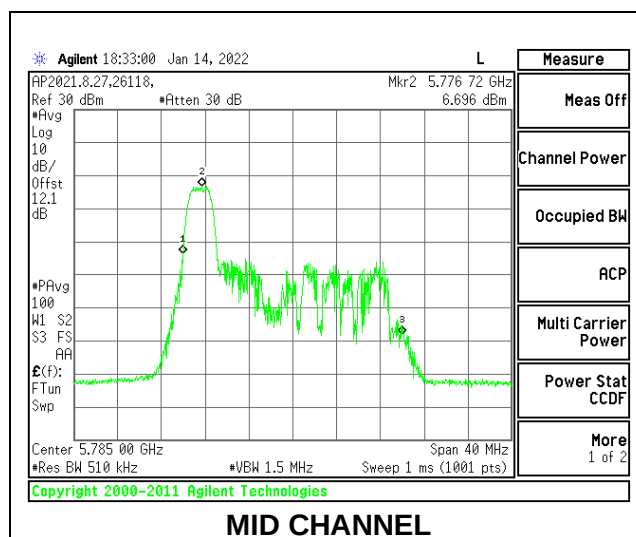
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.88	11.88	30.00	-18.12
Mid	5785	11.68	11.68	30.00	-18.32
High	5825	11.76	11.76	30.00	-18.24

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.187	7.187	30.00	-22.81
Mid	5785	6.696	6.696	30.00	-23.30
High	5825	7.096	7.096	30.00	-22.90



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 4

Test Engineer:	26118
Test Date:	01/14/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.10	30.00	30.00
Mid	5785	-0.10	30.00	30.00
High	5825	-0.10	30.00	30.00

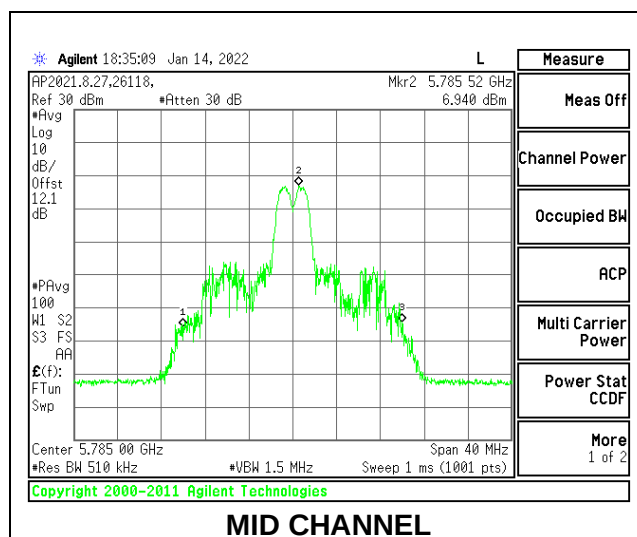
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.82	11.82	30.00	-18.18
Mid	5785	11.63	11.63	30.00	-18.37
High	5825	11.74	11.74	30.00	-18.26

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.230	7.230	30.00	-22.77
Mid	5785	6.940	6.940	30.00	-23.06
High	5825	6.813	6.813	30.00	-23.19



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.10	30.00	30.00
Mid	5785	-0.10	30.00	30.00
High	5825	-0.10	30.00	30.00

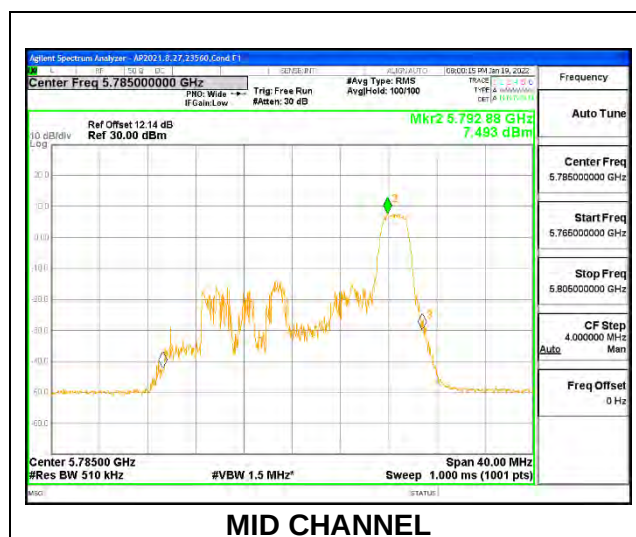
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.66	11.66	30.00	-18.34
Mid	5785	11.80	11.80	30.00	-18.20
High	5825	11.71	11.71	30.00	-18.29

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.173	7.173	30.00	-22.83
Mid	5785	7.493	7.493	30.00	-22.51
High	5825	7.225	7.225	30.00	-22.78



1TX Antenna 3 MODE (FCC+IC) MOBILE – SU Mode

Test Engineer:	26118
Test Date:	01/14/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.10	30.00	30.00
Mid	5785	-0.10	30.00	30.00
High	5825	-0.10	30.00	30.00

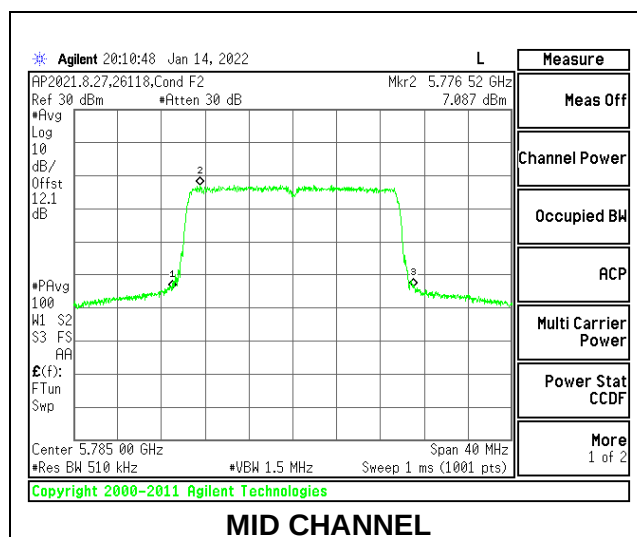
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.33	21.33	30.00	-8.67
Mid	5785	21.03	21.03	30.00	-8.97
High	5825	21.26	21.26	30.00	-8.74

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.183	7.183	30.00	-22.82
Mid	5785	7.087	7.087	30.00	-22.91
High	5825	7.098	7.098	30.00	-22.90



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	26118
Test Date:	01/18/2022; 01/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.79	2.19	30.00	30.00
Mid	5785	-0.79	2.19	30.00	30.00
High	5825	-0.79	2.19	30.00	30.00

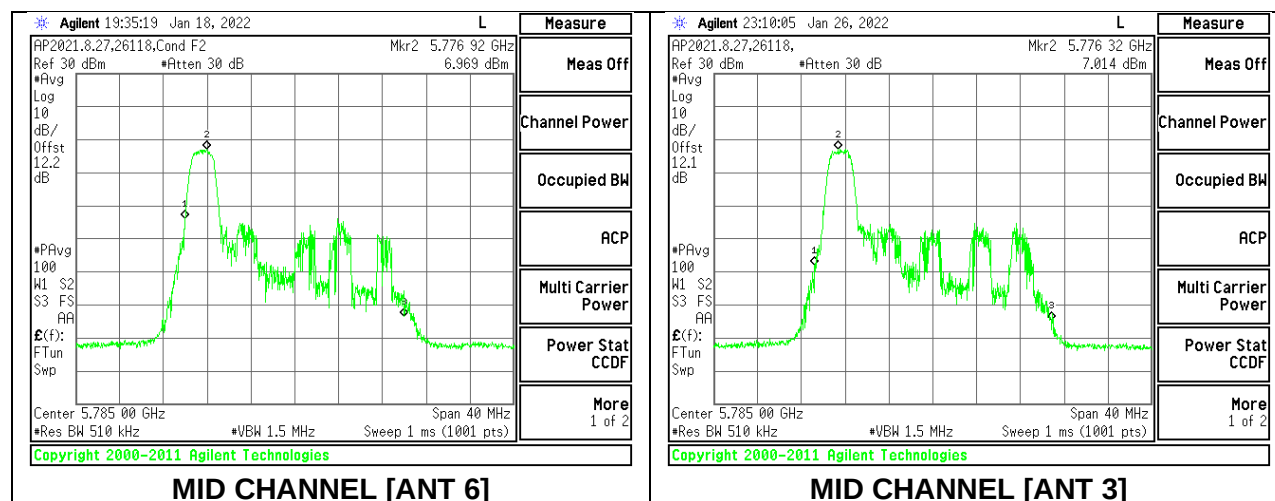
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.65	11.70	14.69	30.00	-15.31
Mid	5785	11.80	11.76	14.79	30.00	-15.21
High	5825	11.69	11.90	14.81	30.00	-15.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.779	6.798	9.799	30.00	-20.201
Mid	5785	6.969	7.014	10.002	30.00	-19.998
High	5825	6.722	6.857	9.800	30.00	-20.200



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – 26 Tones, RU Index 4

Test Engineer:	26118
Test Date:	01/18/2022; 01/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.79	2.19	30.00	30.00
Mid	5785	-0.79	2.19	30.00	30.00
High	5825	-0.79	2.19	30.00	30.00

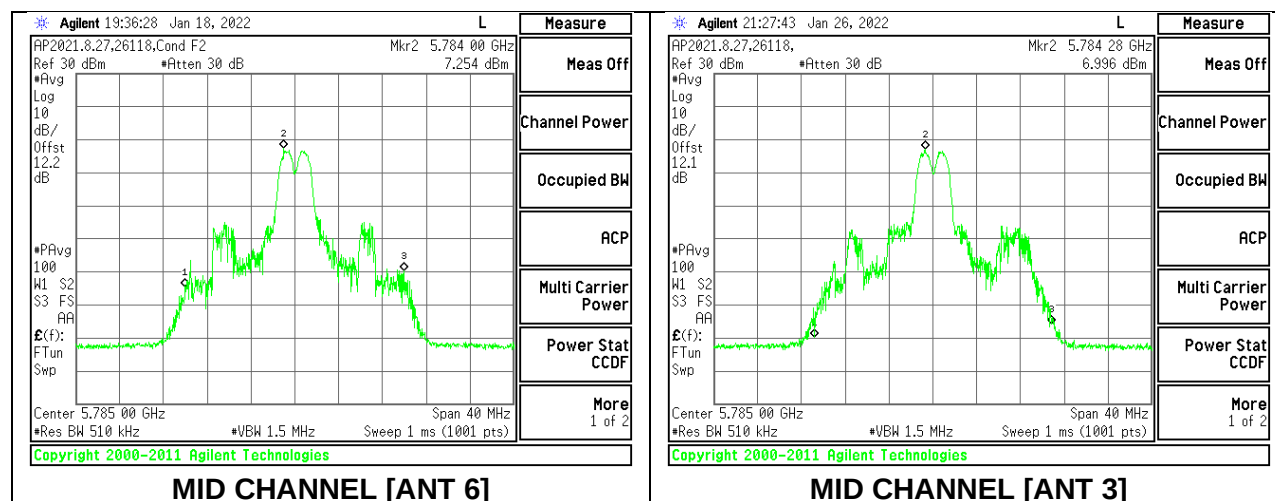
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.89	11.88	14.90	30.00	-15.10
Mid	5785	11.74	11.79	14.78	30.00	-15.22
High	5825	11.79	11.60	14.71	30.00	-15.29

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.036	6.940	9.999	30.00	-20.001
Mid	5785	7.254	6.996	10.137	30.00	-19.863
High	5825	7.064	6.268	9.695	30.00	-20.305



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	26118
Test Date:	01/14/2022; 01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.79	2.19	30.00	30.00
Mid	5785	-0.79	2.19	30.00	30.00
High	5825	-0.79	2.19	30.00	30.00

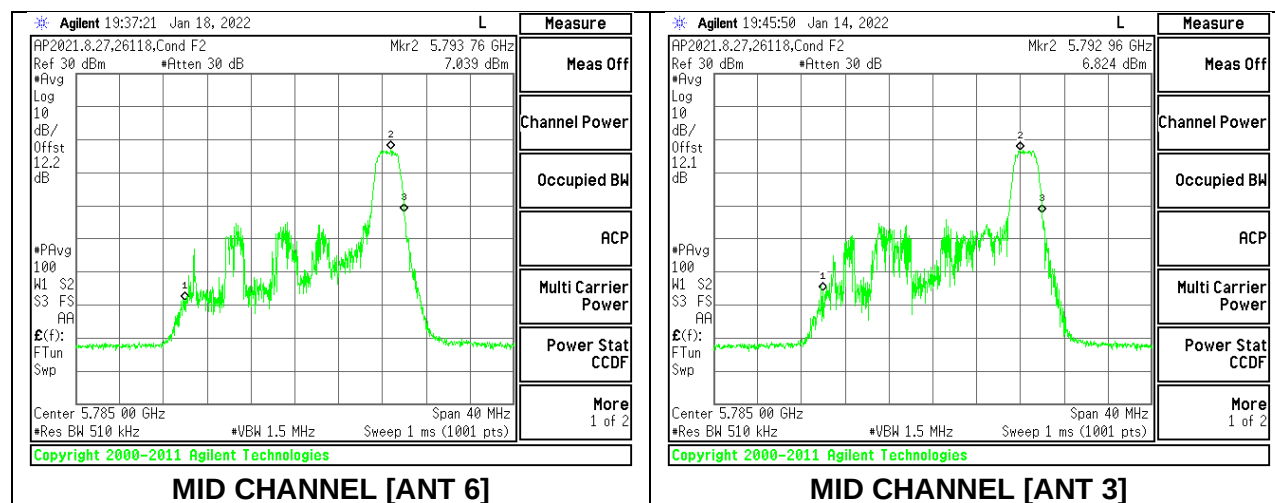
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.89	11.90	14.91	30.00	-15.09
Mid	5785	11.71	11.65	14.69	30.00	-15.31
High	5825	11.66	11.79	14.74	30.00	-15.26

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.144	7.312	10.239	30.00	-19.761
Mid	5785	7.039	6.824	9.943	30.00	-20.057
High	5825	6.979	7.079	10.040	30.00	-19.960



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC + IC) MOBILE – SU Mode

Test Engineer:	26118
Test Date:	01/15/2022; 01/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.79	2.19	30.00	30.00
Mid	5785	-0.79	2.19	30.00	30.00
High	5825	-0.79	2.19	30.00	30.00

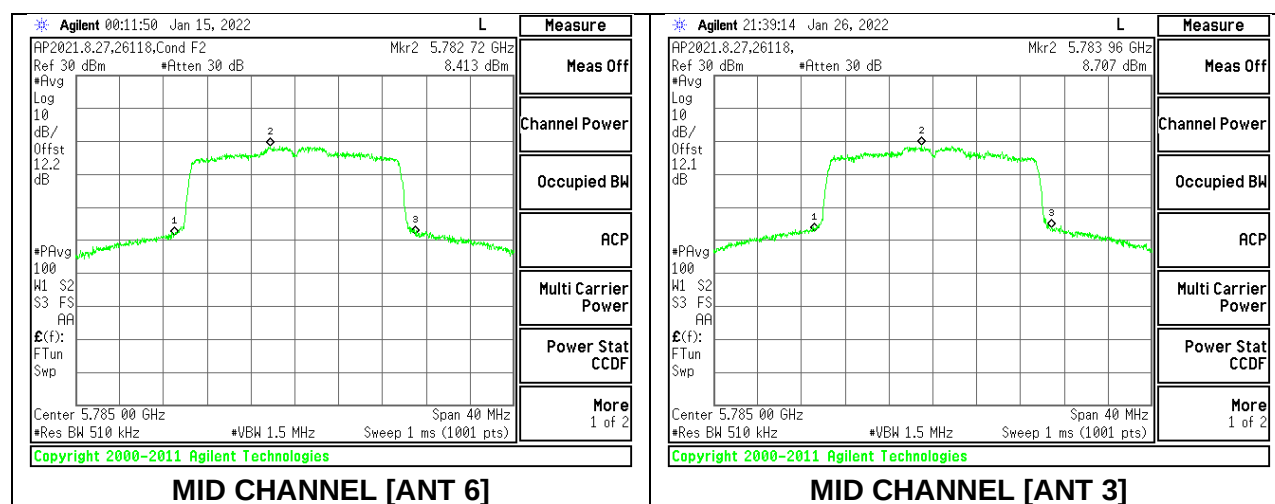
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.19	21.11	24.16	30.00	-5.84
Mid	5785	21.20	21.36	24.29	30.00	-5.71
High	5825	21.23	21.24	24.25	30.00	-5.75

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	8.449	8.220	11.346	30.00	-18.654
Mid	5785	8.413	8.707	11.573	30.00	-18.427
High	5825	8.324	8.346	11.345	30.00	-18.655



9.4.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

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

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.60	30.00	30.00
High	5795	-1.60	30.00	30.00

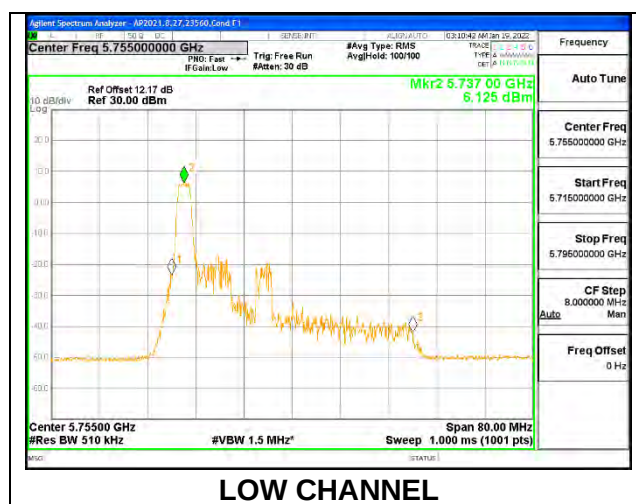
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.77	10.77	30.00	-19.23
High	5795	10.89	10.89	30.00	-19.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.125	6.125	30.00	-23.88
High	5795	6.610	6.610	30.00	-23.39



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

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.60	30.00	30.00
High	5795	-1.60	30.00	30.00

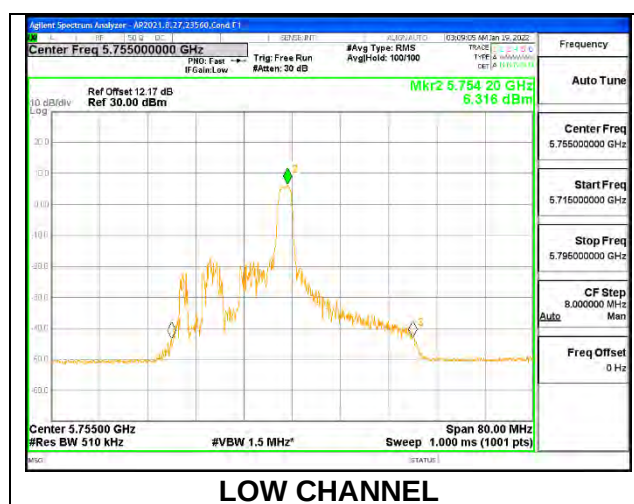
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.68	10.68	30.00	-19.32
High	5795	10.94	10.94	30.00	-19.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.316	6.316	30.00	-23.68
High	5795	7.010	7.010	30.00	-22.99



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

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.60	30.00	30.00
High	5795	-1.60	30.00	30.00

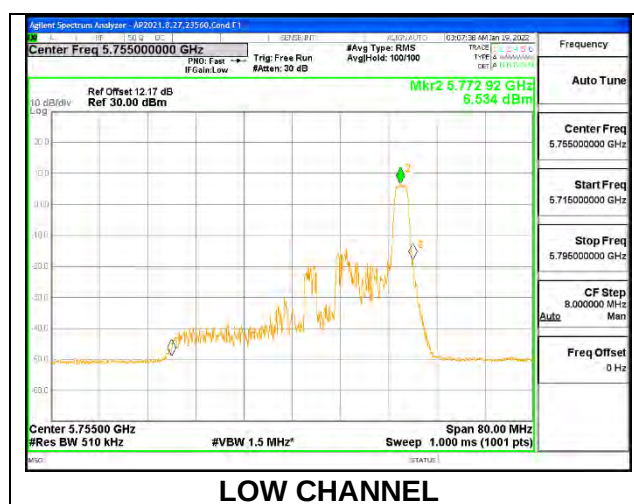
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.80	10.80	30.00	-19.20
High	5795	10.85	10.85	30.00	-19.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.534	6.534	30.00	-23.47
High	5795	6.526	6.526	30.00	-23.47



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

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-1.60	30.00	30.00
High	5795	-1.60	30.00	30.00

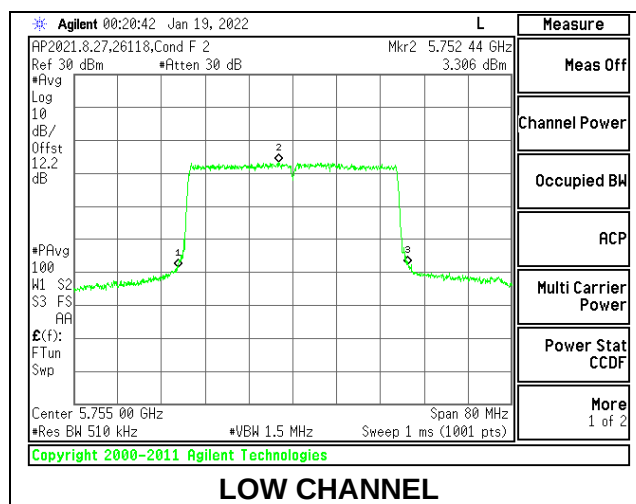
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.10	20.10	30.00	-9.90
High	5795	20.23	20.23	30.00	-9.77

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	3.306	3.416	30.00	-26.58
High	5795	3.780	3.890	30.00	-26.11



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	20737
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.10	30.00	30.00
High	5795	-0.10	30.00	30.00

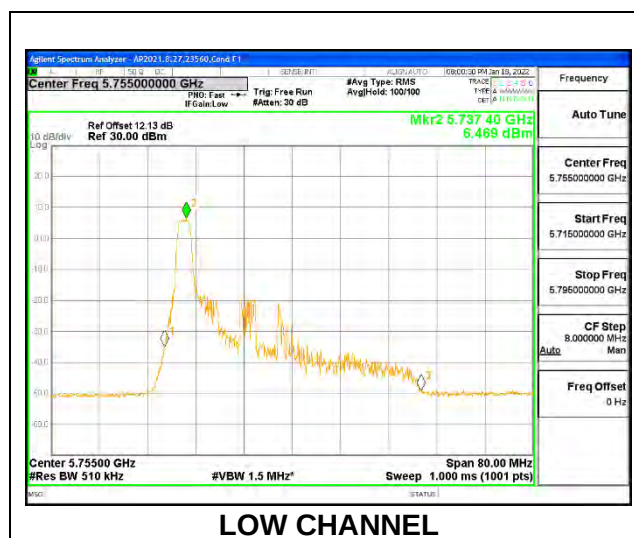
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.90	10.90	30.00	-19.10
High	5795	10.82	10.82	30.00	-19.18

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.469	6.469	30.00	-23.53
High	5795	6.384	6.384	30.00	-23.62



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	20737
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.10	30.00	30.00
High	5795	-0.10	30.00	30.00

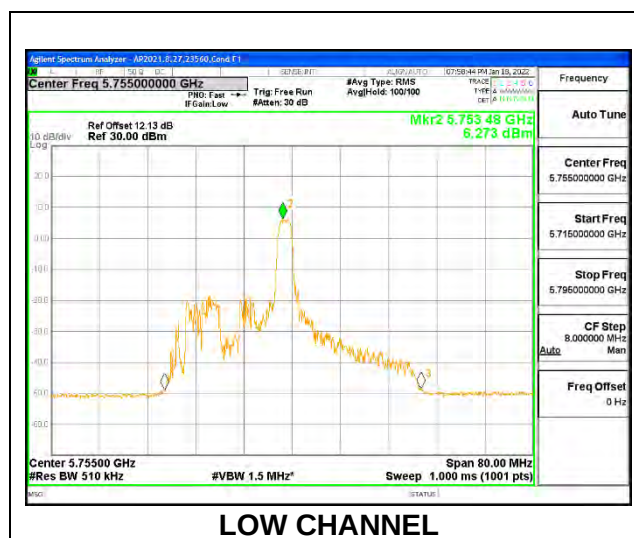
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.69	10.69	30.00	-19.31
High	5795	10.94	10.94	30.00	-19.06

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.273	6.273	30.00	-23.73
High	5795	7.029	7.029	30.00	-22.97



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 17

Test Engineer:	20737
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.10	30.00	30.00
High	5795	-0.10	30.00	30.00

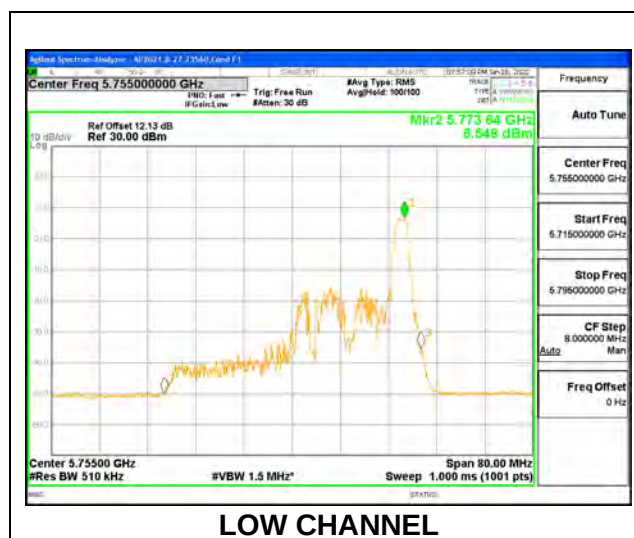
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.80	10.80	30.00	-19.20
High	5795	10.91	10.91	30.00	-19.09

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.548	6.548	30.00	-23.45
High	5795	6.924	6.924	30.00	-23.08



1TX Antenna 3 MODE (FCC+IC) MOBILE – SU Mode

Test Engineer:	23560
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.10	30.00	30.00
High	5795	-0.10	30.00	30.00

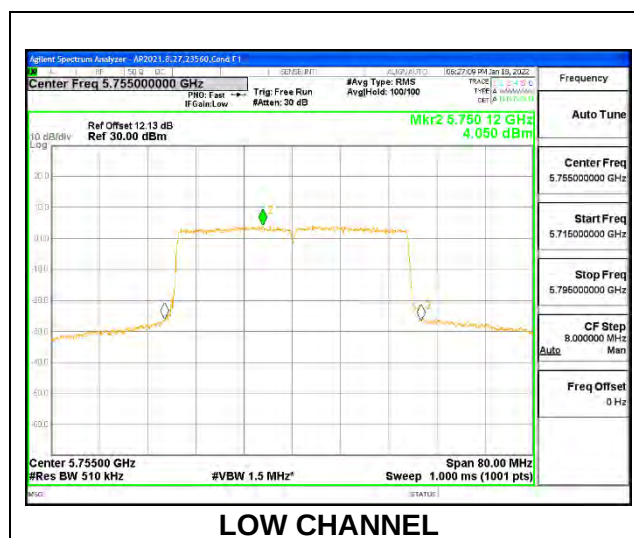
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.44	20.44	30.00	-9.56
High	5795	20.27	20.27	30.00	-9.73

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.050	4.160	30.00	-25.84
High	5795	3.835	3.945	30.00	-26.06



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	26118; 23560
Test Date:	01/18/2022; 01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.79	2.19	30.00	30.00
High	5795	-0.79	2.19	30.00	30.00

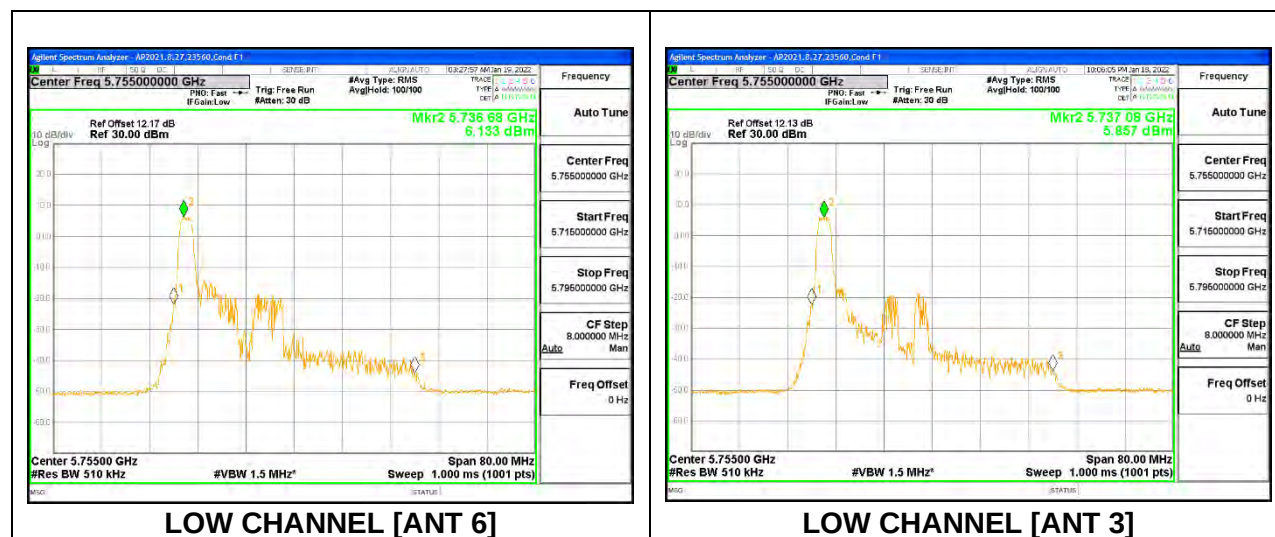
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.81	10.66	13.75	30.00	-16.25
High	5795	10.78	10.90	13.85	30.00	-16.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.133	5.857	9.007	30.00	-20.993
High	5795	6.048	6.566	9.325	30.00	-20.675



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 8

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.79	2.19	30.00	30.00
High	5795	-0.79	2.19	30.00	30.00

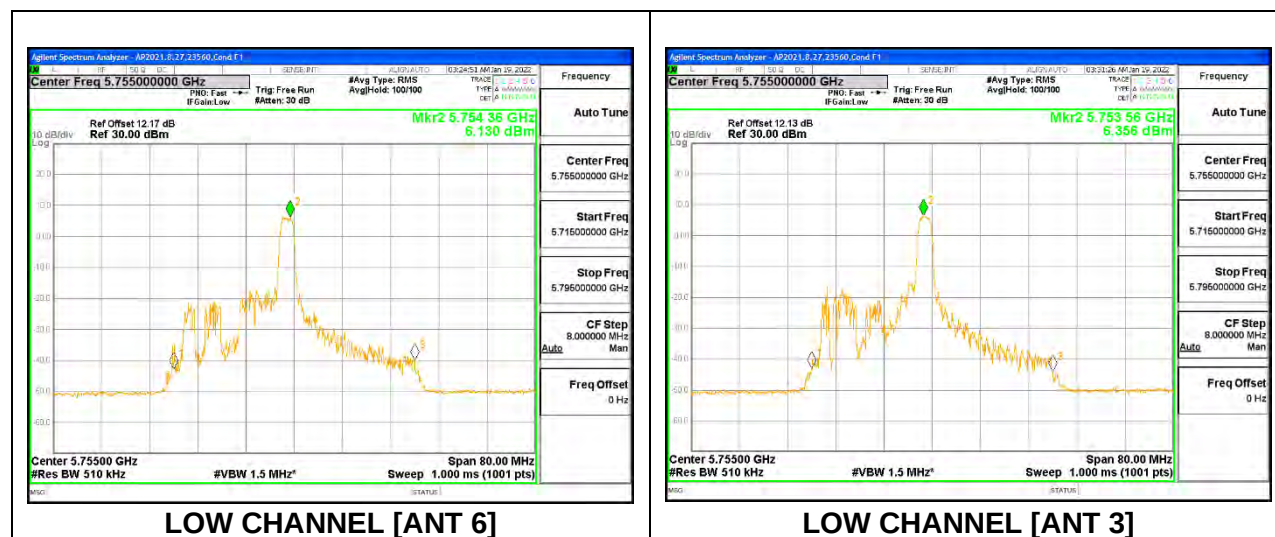
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.79	10.69	13.75	30.00	-16.25
High	5795	10.74	10.94	13.85	30.00	-16.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.130	5.753	8.956	30.00	-21.044
High	5795	5.840	6.930	9.429	30.00	-20.571



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 17

Test Engineer:	26118
Test Date:	01/18/2022; 01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.79	2.19	30.00	30.00
High	5795	-0.79	2.19	30.00	30.00

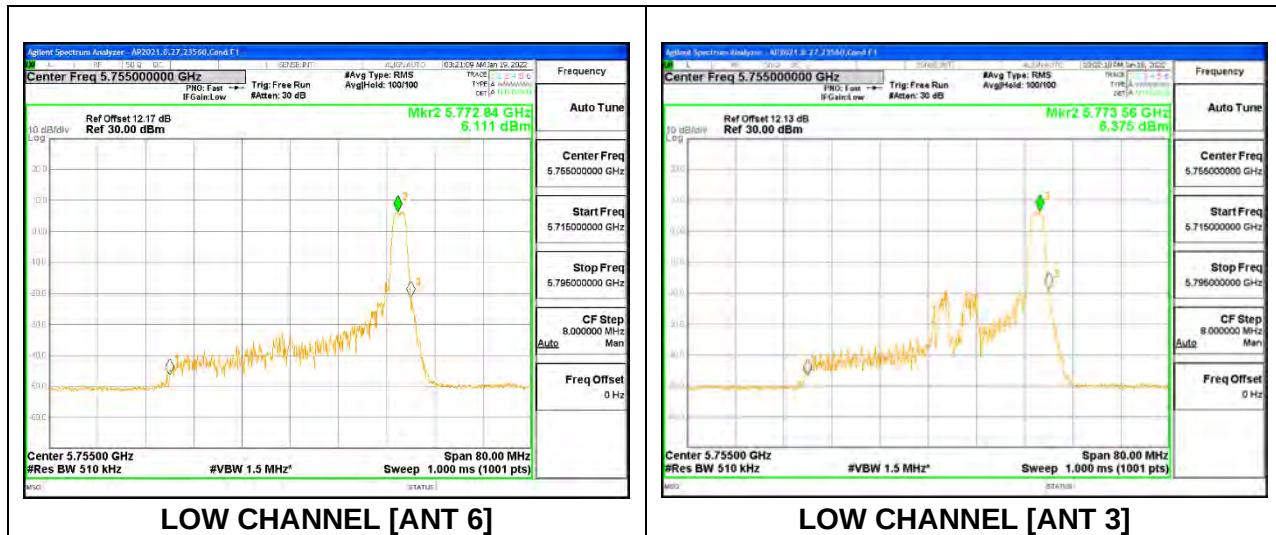
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.95	10.78	13.88	30.00	-16.12
High	5795	10.78	10.89	13.85	30.00	-16.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.111	6.375	9.255	30.00	-20.745
High	5795	5.473	6.458	9.004	30.00	-20.996



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – SU Mode

Test Engineer:	26118
Test Date:	01/18/2022, 01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.79	2.19	30.00	30.00
High	5795	-0.79	2.19	30.00	30.00

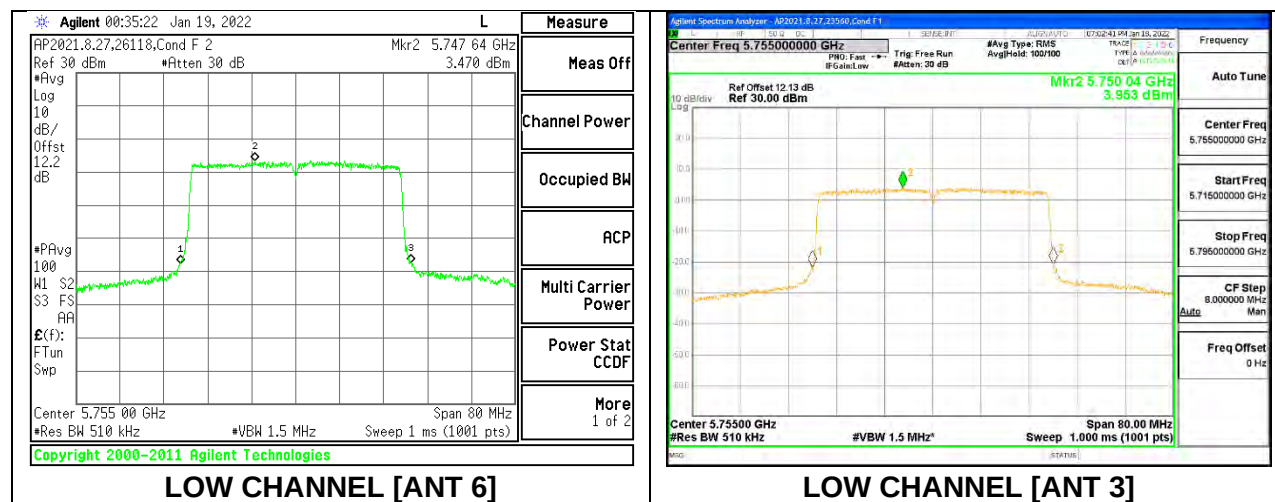
Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.10	20.44	23.28	30.00	-6.72
High	5795	20.15	20.38	23.28	30.00	-6.72

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	3.470	3.953	6.839	30.00	-23.161
High	5795	3.641	3.812	6.848	30.00	-23.152



9.4.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

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

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.60	30.00	30.00

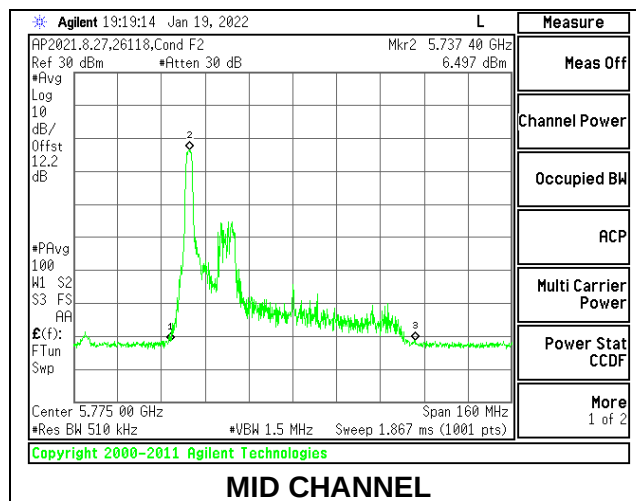
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.89	11.89	30.00	-18.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.497	6.497	30.00	-23.50



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

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.60	30.00	30.00

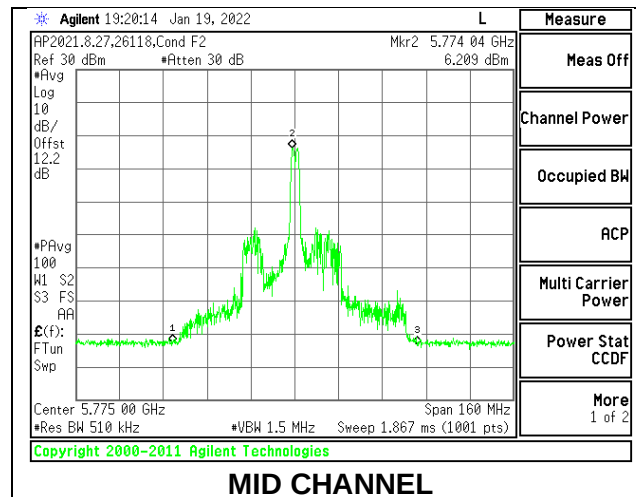
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.77	11.77	30.00	-18.23

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.209	6.209	30.00	-23.79



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

Test Engineer:	26118
Test Date:	01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.60	30.00	30.00

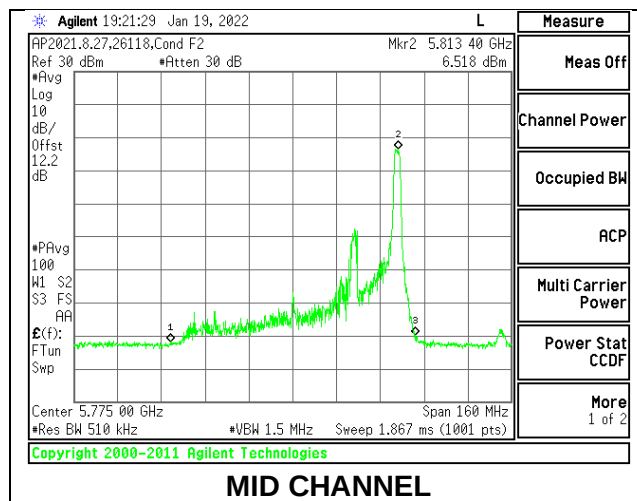
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.68	11.68	30.00	-18.32

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.518	6.518	30.00	-23.48



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

Test Engineer:	26118
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-1.60	30.00	30.00

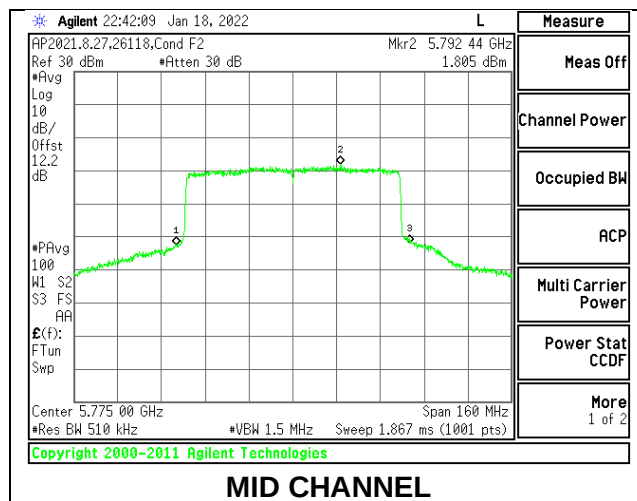
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.44	21.44	30.00	-8.56

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	1.805	2.045	30.00	-27.96



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	20737
Test Date:	10/01/21

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.10	30.00	30.00

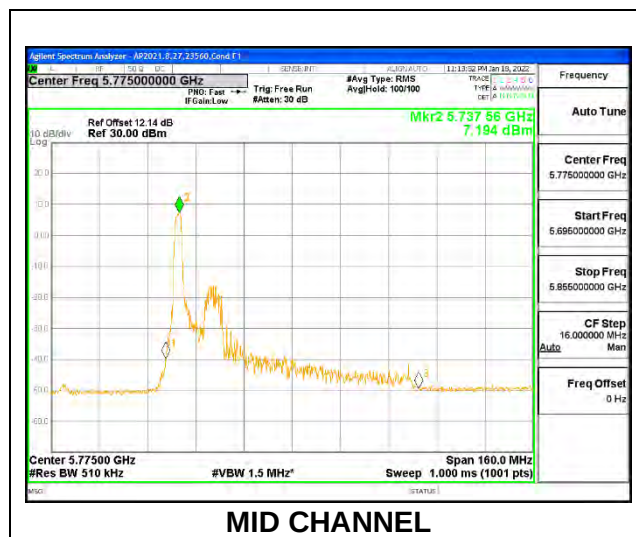
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.88	11.88	30.00	-18.12

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	7.194	7.194	30.00	-22.81



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 18

Test Engineer:	20737
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.10	30.00	30.00

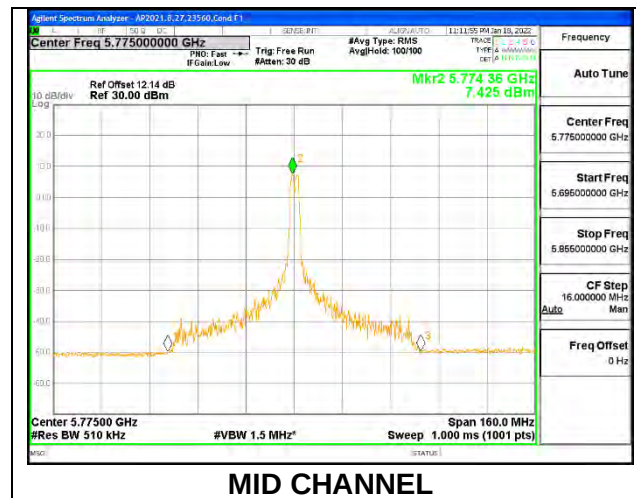
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.75	11.75	30.00	-18.25

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	7.425	7.425	30.00	-22.58



1TX Antenna 3 MODE (FCC+IC) MOBILE – 26 Tones, RU Index 36

Test Engineer:	20737
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.10	30.00	30.00

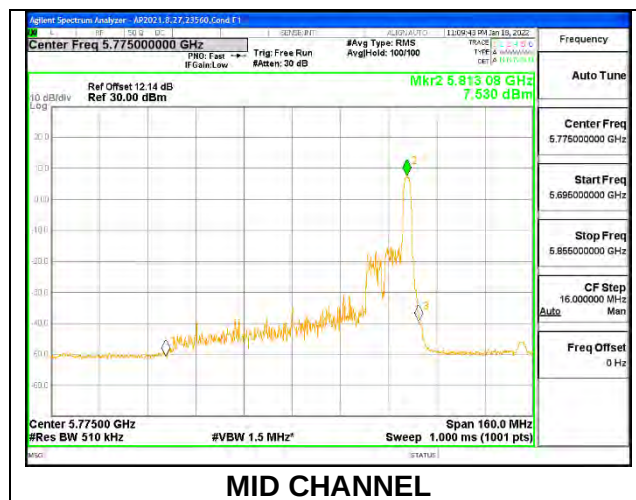
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.88	11.88	30.00	-18.12

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	7.530	7.530	30.00	-22.47



1TX Antenna 3 MODE (FCC+IC) MOBILE – SU Mode

Test Engineer:	20737
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.10	30.00	30.00

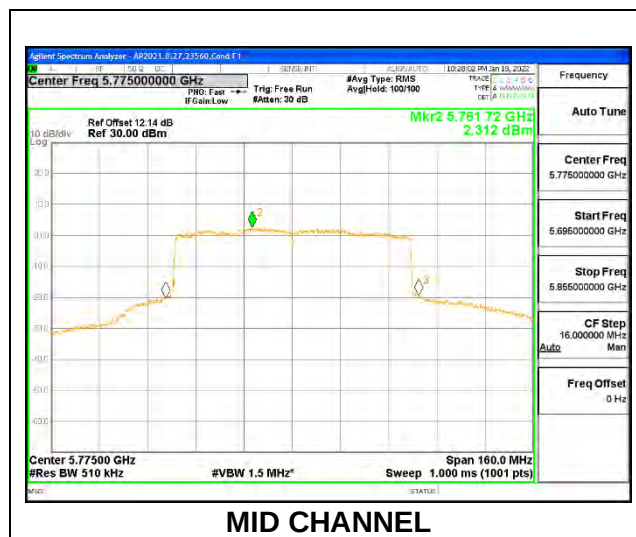
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.49	21.49	30.00	-8.51

PSD Results

Channel	Frequency (MHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	2.312	2.552	30.00	-27.45



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 0

Test Engineer:	26118
Test Date:	01/18/2022, 01/19/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.79	2.19	30.00	30.00

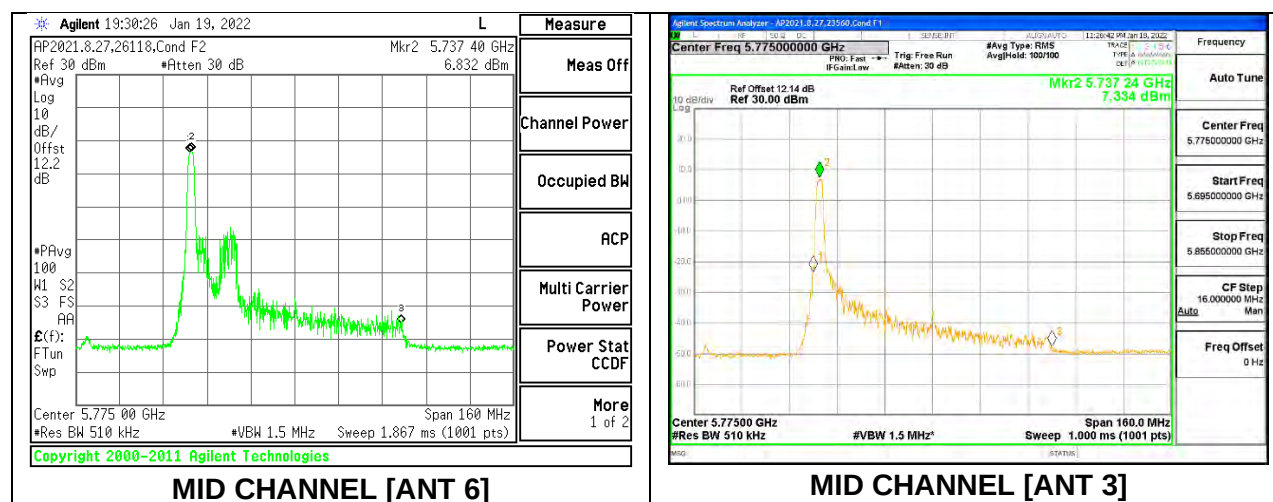
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.72	11.89	14.82	30.00	-15.18

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.832	7.334	10.101	30.00	-19.899



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 18

Test Engineer:	26118; 23560
Test Date:	10/01/21; 10/04/21

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.79	2.19	30.00	30.00

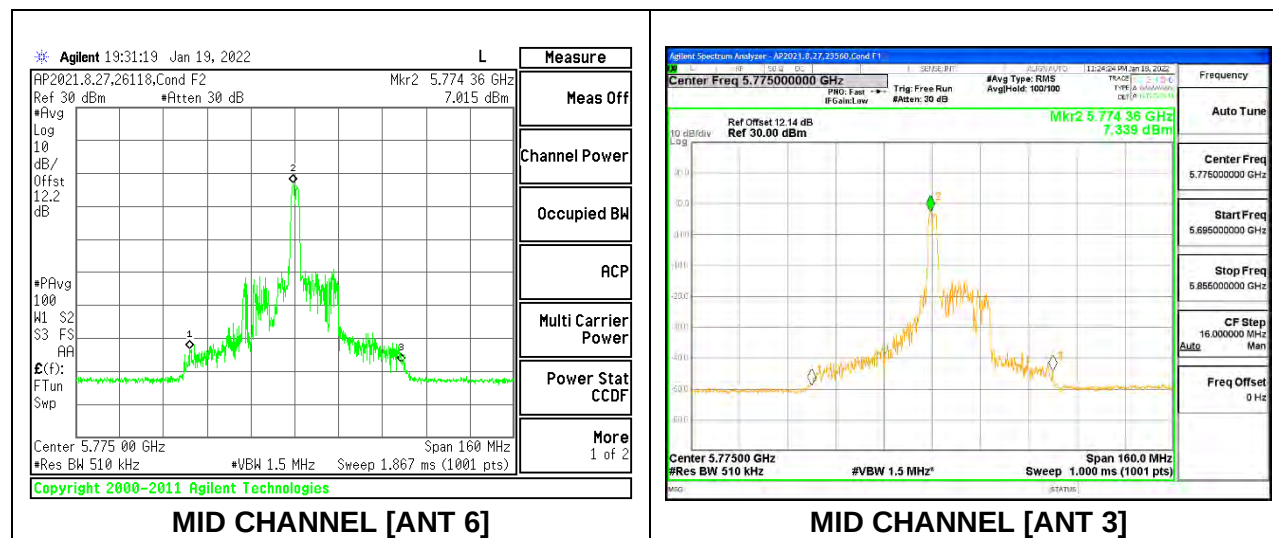
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.68	11.75	14.73	30.00	-15.27

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	7.015	7.339	10.190	30.00	-19.810



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – 26 Tones, RU Index 36

Test Engineer:	26118; 23560
Test Date:	01/19/2022; 01/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.79	2.19	30.00	30.00

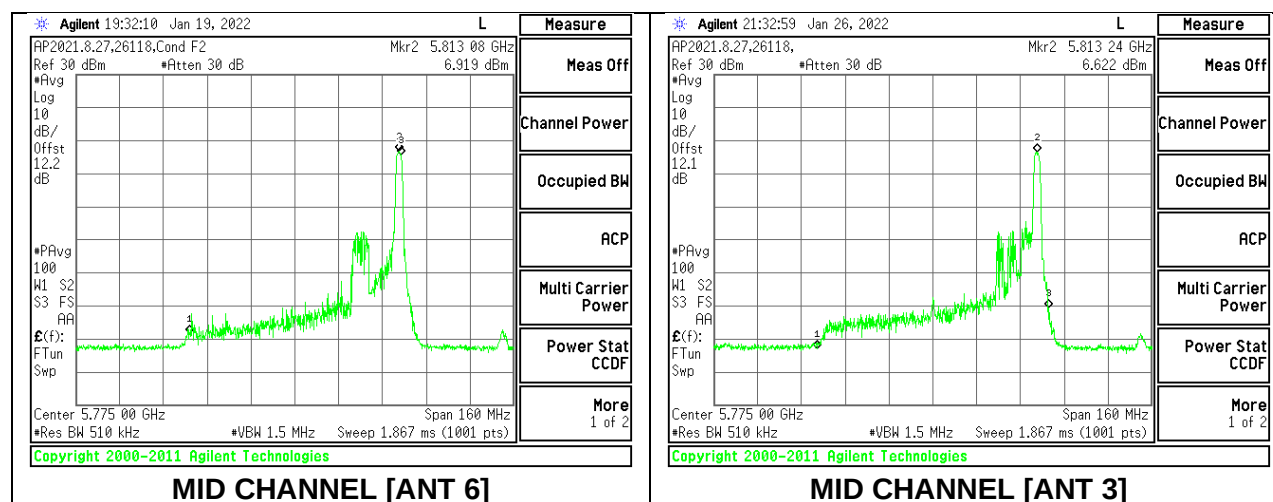
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	11.78	11.59	14.70	30.00	-15.30

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.919	6.622	9.783	30.00	-20.217



2TX Antenna 6 + Antenna 3 OFDMA MODE (FCC+IC) MOBILE – SU Mode

Test Engineer:	26118
Test Date:	01/18/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.79	2.19	30.00	30.00

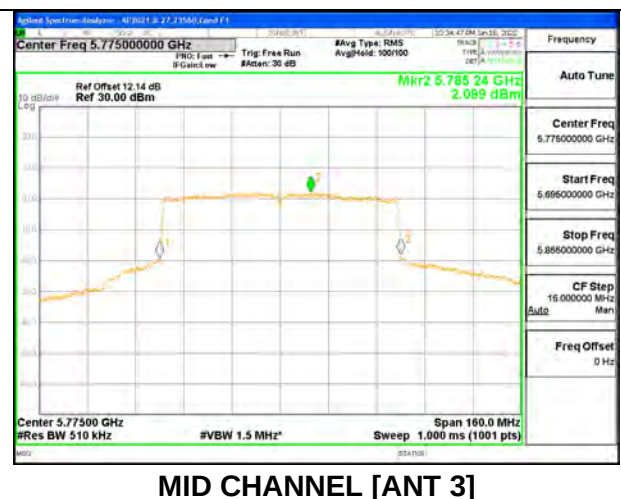
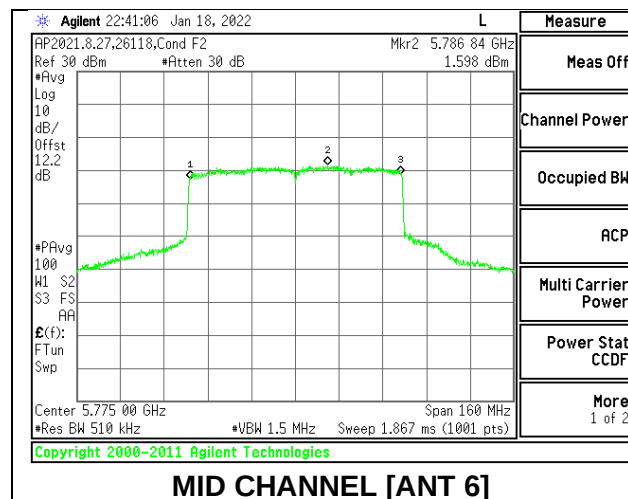
Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.19	21.44	24.33	30.00	-5.67

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 3 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	1.598	2.099	5.106	30.00	-24.894



10. SETUP PHOTOS

Please refer to 13911916-EP1V1 for setup photos

END OF TEST REPORT