

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

Test Engineer:	50820
Test Date:	3/23/2022

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	20.13	-1.30	24.00	11.00
Mid	5580	19.93	-1.30	24.00	11.00
High	5700	19.69	-1.30	23.94	11.00
144	5720	15.03	-1.30	22.77	11.00

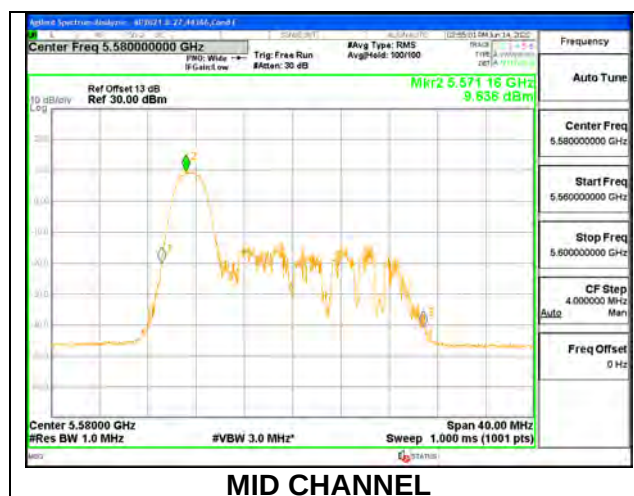
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.92	11.92	24.00	-12.08
Mid	5580	11.97	11.97	24.00	-12.03
High	5700	11.95	11.95	23.94	-11.99
144	5720	11.95	11.95	22.77	-10.82

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.588	9.588	11.00	-1.412
Mid	5580	9.636	9.636	11.00	-1.364
High	5700	9.424	9.424	11.00	-1.576
144	5720	9.344	9.344	11.00	-1.656



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

Test Engineer:	50820
Test Date:	3/23/2022

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	18.94	-1.30	23.77	11.00
Mid	5580	19.45	-1.30	23.89	11.00
High	5700	19.28	-1.30	23.85	11.00
144	5720	14.44	-1.30	22.60	11.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.93	11.93	23.77	-11.84
Mid	5580	11.97	11.97	23.89	-11.92
High	5700	11.90	11.90	23.85	-11.95
144	5720	11.98	11.98	22.60	-10.62

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.895	8.895	11.00	-2.105
Mid	5580	8.686	8.686	11.00	-2.314
High	5700	8.774	8.774	11.00	-2.226
144	5720	8.650	8.650	11.00	-2.350



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

Test Engineer:	50820
Test Date:	3/23/2022

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	20.13	-1.30	24.00	11.00
Mid	5580	20.49	-1.30	24.00	11.00
High	5700	20.63	-1.30	24.00	11.00
144	5720	15.24	-1.30	22.83	11.00

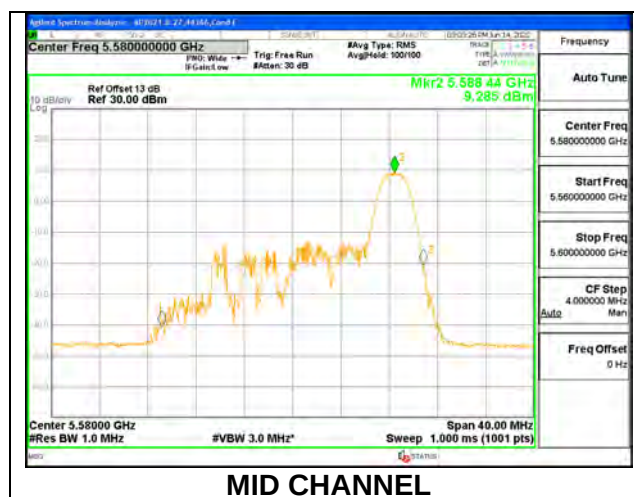
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.90	11.90	24.00	-12.10
Mid	5580	11.96	11.96	24.00	-12.04
High	5700	11.96	11.96	24.00	-12.04
144	5720	11.97	11.97	22.83	-10.86

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.483	9.483	11.00	-1.517
Mid	5580	9.285	9.285	11.00	-1.715
High	5700	9.506	9.506	11.00	-1.494
144	5720	9.603	9.603	11.00	-1.397



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	50820
Test Date:	3/24/2022

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	20.69	-1.30	24.00	11.00
Mid	5580	20.72	-1.30	24.00	11.00
High	5700	21.00	-1.30	24.00	11.00
144	5720	15.38	-1.30	22.87	11.00

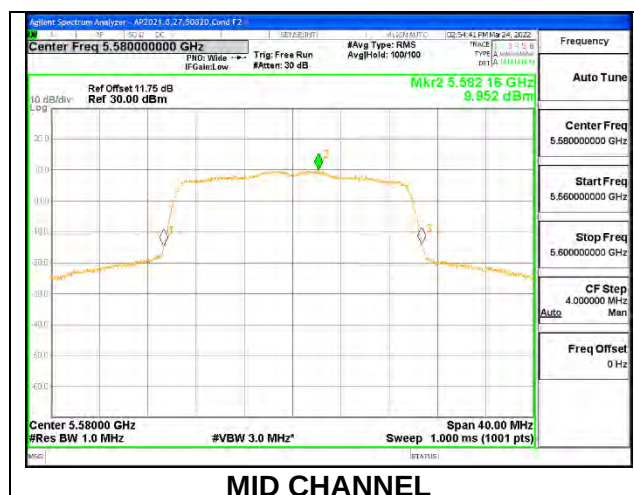
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.43	18.43	24.00	-5.57
Mid	5580	19.97	19.97	24.00	-4.03
High	5700	16.97	16.97	24.00	-7.03
144	5720	19.84	19.84	22.87	-3.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.114	8.114	11.00	-2.886
Mid	5580	9.952	9.952	11.00	-1.048
High	5700	7.143	7.143	11.00	-3.857
144	5720	9.414	9.414	11.00	-1.586



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

Test Engineer:	50820
Test Date:	3/28/2022

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	19.79	-1.10	1.91	23.96	11.00
Mid	5580	19.70	-1.10	1.91	23.94	11.00
High	5700	19.64	-1.10	1.91	23.93	11.00
144	5720	14.84	-1.10	1.91	22.71	11.00

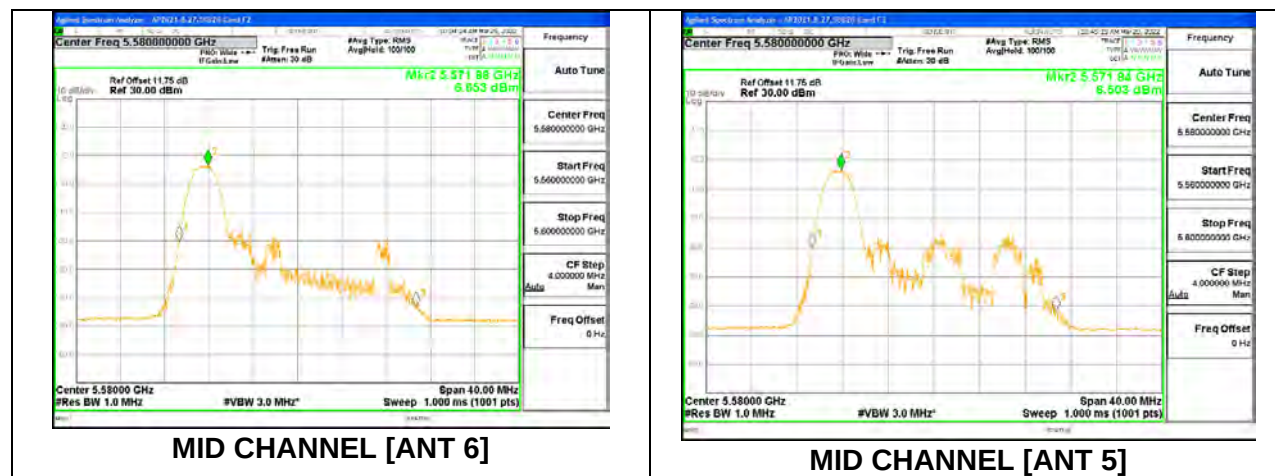
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.90	8.88	11.90	23.96	-12.06
Mid	5580	8.89	8.93	11.92	23.94	-12.02
High	5700	8.94	8.91	11.94	23.93	-12.00
144	5720	8.75	8.96	11.87	22.71	-10.85

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.519	6.518	9.529	11.00	-1.471
Mid	5580	6.653	6.503	9.589	11.00	-1.411
High	5700	6.477	6.451	9.474	11.00	-1.526
144	5720	6.470	6.553	9.522	11.00	-1.478



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

Test Engineer:	50820
Test Date:	3/28/2022

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	18.26	-1.10	1.91	23.62	11.00
Mid	5580	18.30	-1.10	1.91	23.62	11.00
High	5700	18.25	-1.10	1.91	23.61	11.00
144	5720	14.00	-1.10	1.91	22.46	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.84	8.80	11.83	23.62	-11.78
Mid	5580	8.86	8.99	11.94	23.62	-11.69
High	5700	8.95	8.99	11.98	23.61	-11.63
144	5720	8.99	8.85	11.93	22.46	-10.53

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	5.540	5.419	8.490	11.00	-2.510
Mid	5580	5.474	5.489	8.492	11.00	-2.508
High	5700	5.581	5.525	8.563	11.00	-2.437
144	5720	5.503	5.442	8.483	11.00	-2.517

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

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

Test Engineer:	50820
Test Date:	3/28/2022

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	19.65	-1.10	1.91	23.93	11.00
Mid	5580	19.68	-1.10	1.91	23.94	11.00
High	5700	19.71	-1.10	1.91	23.95	11.00
144	5720	14.79	-1.10	1.91	22.70	11.00

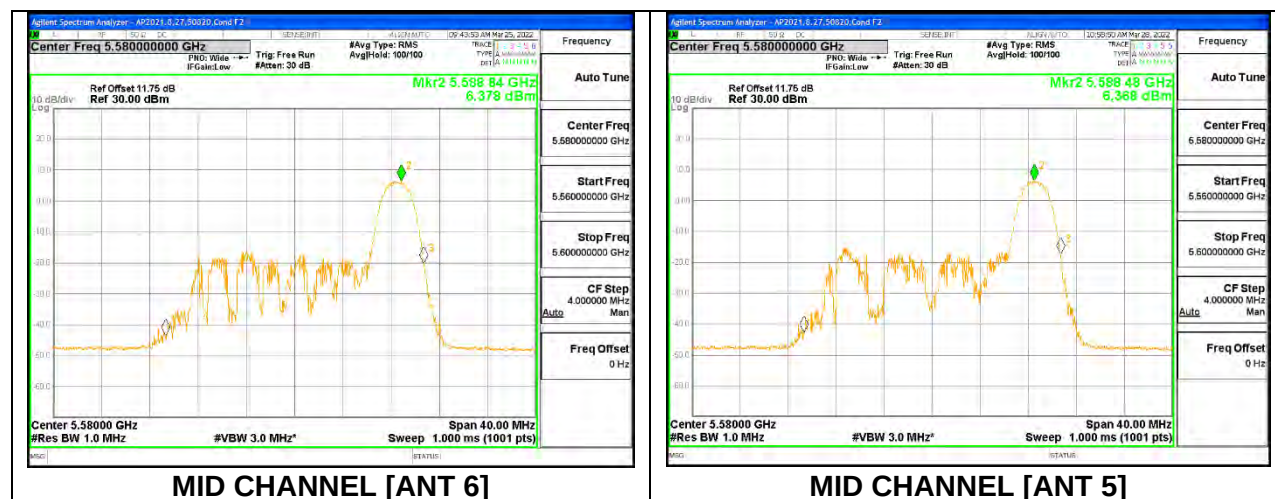
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.76	8.98	11.88	23.93	-12.05
Mid	5580	8.75	8.99	11.88	23.94	-12.06
High	5700	8.87	8.81	11.85	23.95	-12.10
144	5720	8.85	8.95	11.91	22.70	-10.79

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.338	6.463	9.411	11.00	-1.589
Mid	5580	6.378	6.368	9.383	11.00	-1.617
High	5700	6.414	6.564	9.500	11.00	-1.500
144	5720	6.458	6.693	9.587	11.00	-1.413



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

Test Engineer:	50820
Test Date:	3/24/2022

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	21.01	-1.10	1.91	24.00	11.00
Mid	5580	20.56	-1.10	1.91	24.00	11.00
High	5700	21.03	-1.10	1.91	24.00	11.00
144	5720	15.36	-1.10	1.91	22.86	11.00

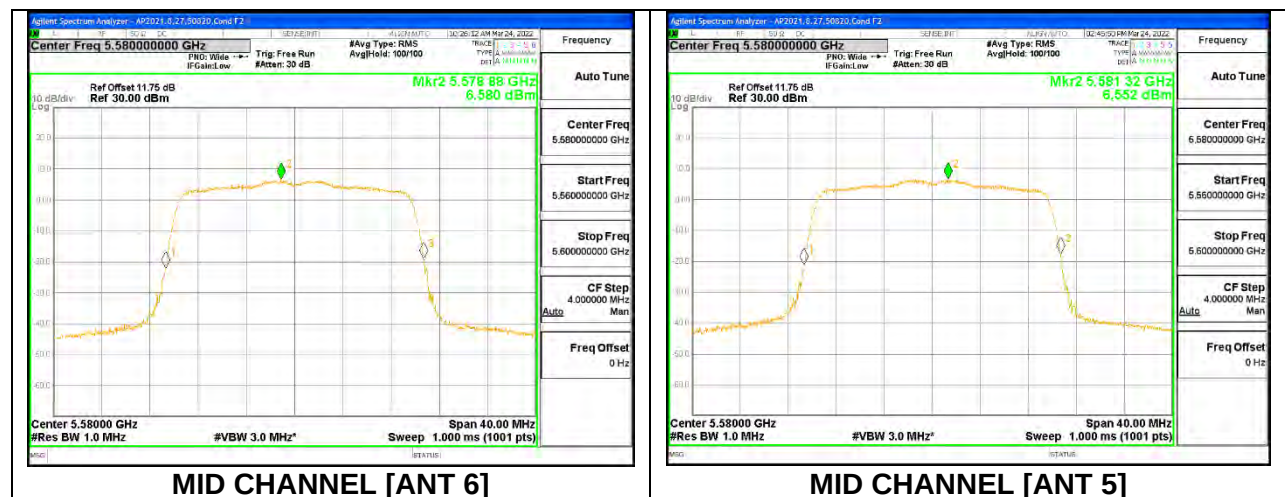
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.99	16.92	19.97	24.00	-4.03
Mid	5580	16.98	16.77	19.89	24.00	-4.11
High	5700	16.96	16.99	19.99	24.00	-4.01
144	5720	16.86	16.82	19.85	22.86	-3.01

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.757	6.637	9.708	11.00	-1.292
Mid	5580	6.580	6.552	9.576	11.00	-1.424
High	5700	6.583	6.802	9.704	11.00	-1.296
144	5720	6.497	6.526	9.522	11.00	-1.478



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:	50820
Test Date:	3/31/2022

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	20.57	-0.90	24.00	11.00
Mid	5550	20.94	-0.90	24.00	11.00
High	5670	21.31	-0.90	24.00	11.00
142	5710	20.38	-0.90	24.00	11.00

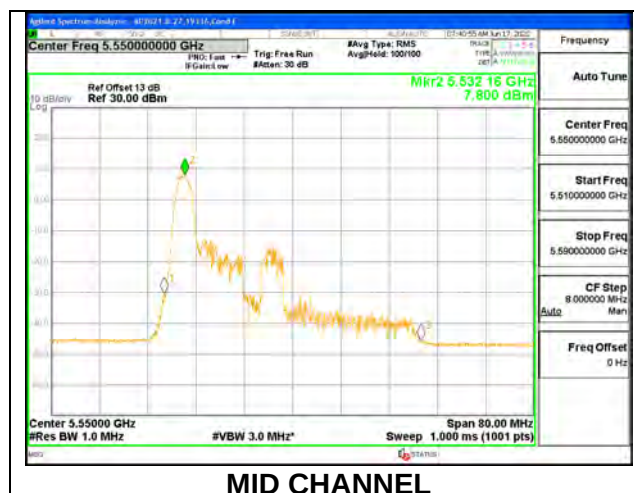
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.93	10.93	24.00	-13.07
Mid	5550	10.97	10.97	24.00	-13.03
High	5670	10.91	10.91	24.00	-13.09
142	5710	10.97	10.97	24.00	-13.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	8.091	8.091	11.00	-2.909
Mid	5550	7.800	7.800	11.00	-3.200
High	5670	7.868	7.868	11.00	-3.132
142	5710	7.996	7.996	11.00	-3.004



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

Test Engineer:	50820
Test Date:	3/31/2022

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	23.32	-0.90	24.00	11.00
Mid	5550	24.90	-0.90	24.00	11.00
High	5670	24.59	-0.90	24.00	11.00
142	5710	24.31	-0.90	24.00	11.00

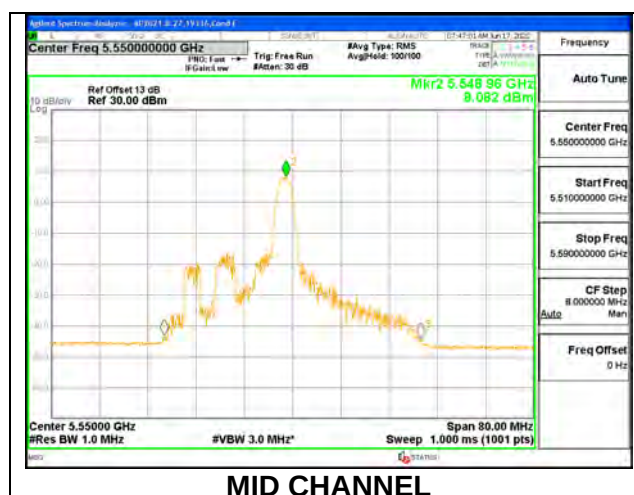
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.95	10.95	24.00	-13.05
Mid	5550	10.96	10.96	24.00	-13.04
High	5670	10.97	10.97	24.00	-13.03
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	8.012	8.012	11.00	-2.988
Mid	5550	8.082	8.082	11.00	-2.918
High	5670	7.700	7.700	11.00	-3.300
142	5710	7.876	7.876	11.00	-3.124



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

Test Engineer:	50820
Test Date:	3/31/2022

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	20.70	-0.90	24.00	11.00
Mid	5550	21.32	-0.90	24.00	11.00
High	5670	21.43	-0.90	24.00	11.00
142	5710	20.94	-0.90	24.00	11.00

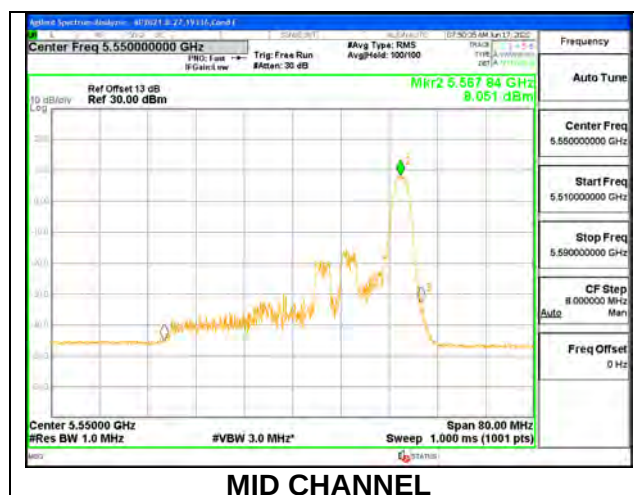
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.92	10.92	24.00	-13.08
Mid	5550	10.95	10.95	24.00	-13.05
High	5670	10.95	10.95	24.00	-13.05
142	5710	10.98	10.98	24.00	-13.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	8.016	8.016	11.00	-2.984
Mid	5550	8.051	8.051	11.00	-2.949
High	5670	7.768	7.768	11.00	-3.232
142	5710	7.974	7.974	11.00	-3.026



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/24/2022

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	40.57	-0.90	24.00	11.00
Mid	5550	40.59	-0.90	24.00	11.00
High	5670	44.19	-0.90	24.00	11.00
142	5710	40.62	-0.90	24.00	11.00

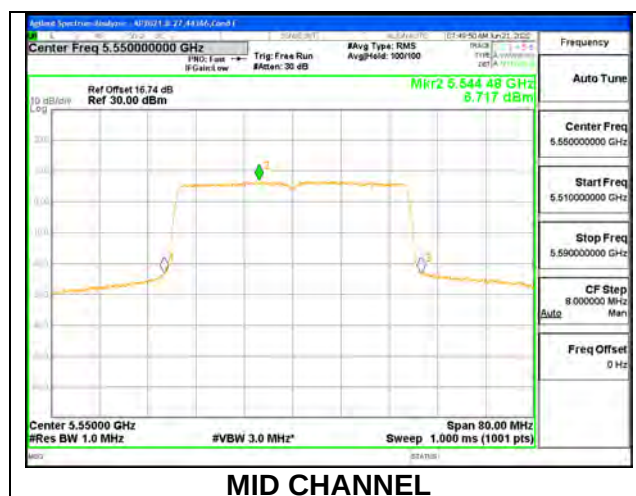
Duty Cycle CF (dB)	0.15	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.43	16.43	24.00	-7.57
Mid	5550	20.41	20.41	24.00	-3.59
High	5670	17.98	17.98	24.00	-6.02
142	5710	20.45	20.45	24.00	-3.55

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.378	2.528	11.00	-8.472
Mid	5550	6.717	6.867	11.00	-4.133
High	5670	3.444	3.594	11.00	-7.406
142	5710	6.755	6.905	11.00	-4.095



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

Test Engineer:	50820
Test Date:	3/31/2022

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	20.37	-1.30	24.00	11.00
Mid	5550	19.96	-1.30	24.00	11.00
High	5670	19.77	-1.30	23.96	11.00
142	5710	21.06	-1.30	24.00	11.00

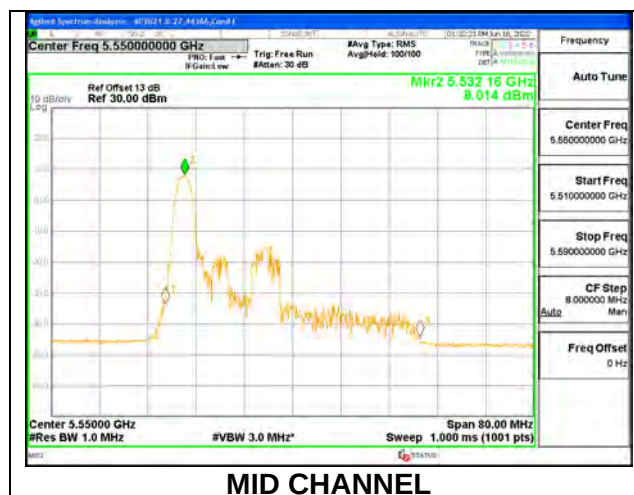
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.96	10.96	24.00	-13.04
Mid	5550	10.90	10.90	24.00	-13.10
High	5670	10.94	10.94	23.96	-13.02
142	5710	10.96	10.96	24.00	-13.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	8.014	8.014	11.00	-2.986
Mid	5550	8.014	8.014	11.00	-2.986
High	5670	8.049	8.049	11.00	-2.951
142	5710	7.936	7.936	11.00	-3.064



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

Test Engineer:	50820
Test Date:	3/31/2022

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	23.43	-1.30	24.00	11.00
Mid	5550	24.87	-1.30	24.00	11.00
High	5670	23.41	-1.30	24.00	11.00
142	5710	23.49	-1.30	24.00	11.00

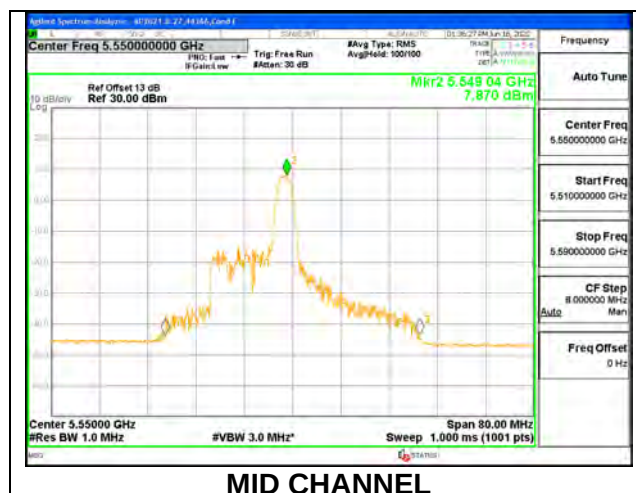
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.90	10.90	24.00	-13.10
Mid	5550	10.93	10.93	24.00	-13.07
High	5670	10.92	10.92	24.00	-13.08
142	5710	10.97	10.97	24.00	-13.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.917	7.917	11.00	-3.083
Mid	5550	7.870	7.870	11.00	-3.130
High	5670	7.997	7.997	11.00	-3.003
142	5710	7.977	7.977	11.00	-3.023



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

Test Engineer:	50820
Test Date:	3/30/2022

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	20.97	-1.30	24.00	11.00
Mid	5550	20.71	-1.30	24.00	11.00
High	5670	21.43	-1.30	24.00	11.00
142	5710	20.47	-1.30	24.00	11.00

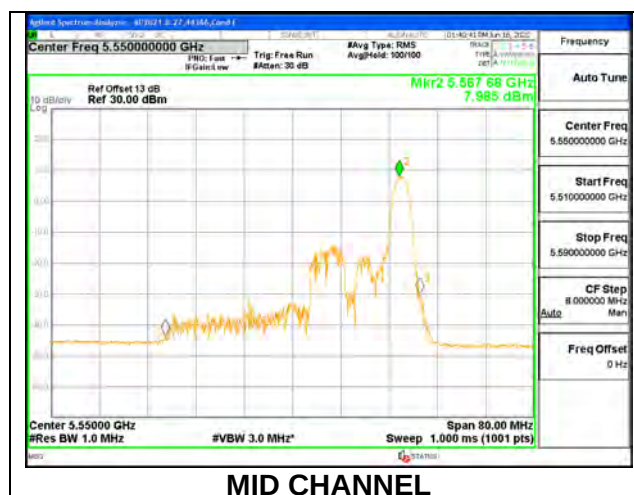
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.98	10.98	24.00	-13.02
Mid	5550	10.92	10.92	24.00	-13.08
High	5670	10.93	10.93	24.00	-13.07
142	5710	10.91	10.91	24.00	-13.09

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	8.069	8.069	11.00	-2.931
Mid	5550	7.985	7.985	11.00	-3.015
High	5670	7.896	7.896	11.00	-3.104
142	5710	7.908	7.908	11.00	-3.092



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/24/2022

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	43.36	-1.30	24.00	11.00
Mid	5550	40.99	-1.30	24.00	11.00
High	5670	41.17	-1.30	24.00	11.00
142	5710	40.41	-1.30	24.00	11.00

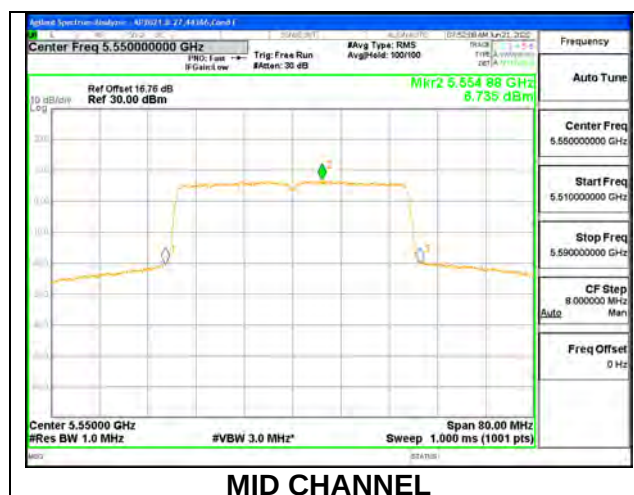
Duty Cycle CF (dB)	0.15	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.34	16.34	24.00	-7.66
Mid	5550	20.46	20.46	24.00	-3.54
High	5670	17.82	17.82	24.00	-6.18
142	5710	20.48	20.48	24.00	-3.52

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.144	2.294	11.00	-8.706
Mid	5550	6.735	6.885	11.00	-4.115
High	5670	3.217	3.367	11.00	-7.633
142	5710	6.607	6.757	11.00	-4.243



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

Test Engineer:	50820
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	20.18	-1.10	1.91	24.00	11.00
Mid	5550	19.79	-1.10	1.91	23.96	11.00
High	5670	19.55	-1.10	1.91	23.91	11.00
142	5710	20.18	-1.10	1.91	24.00	11.00

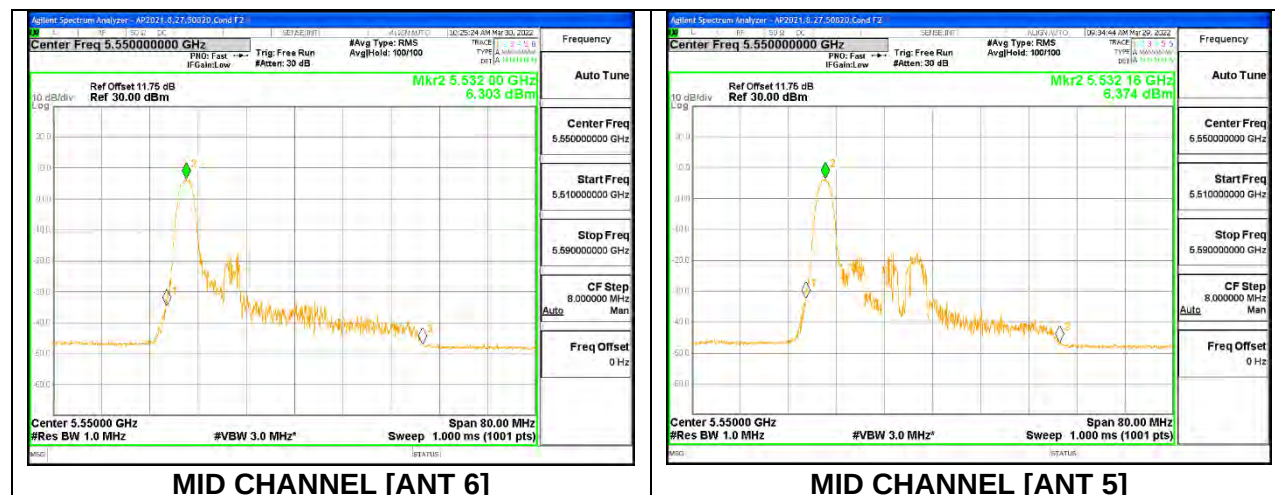
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.95	8.90	11.94	24.00	-12.06
Mid	5550	8.93	8.99	11.97	23.96	-11.99
High	5670	8.99	8.99	12.00	23.91	-11.91
142	5710	8.84	8.82	11.84	24.00	-12.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.280	6.358	9.329	11.00	-1.67
Mid	5550	6.303	6.374	9.349	11.00	-1.65
High	5670	6.235	6.306	9.281	11.00	-1.72
142	5710	6.282	6.380	9.342	11.00	-1.66



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

Test Engineer:	50820
Test Date:	3/29/2022

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	23.13	-1.10	1.91	24.00	11.00
Mid	5550	23.23	-1.10	1.91	24.00	11.00
High	5670	23.72	-1.10	1.91	24.00	11.00
142	5710	20.18	-1.10	1.91	24.00	11.00

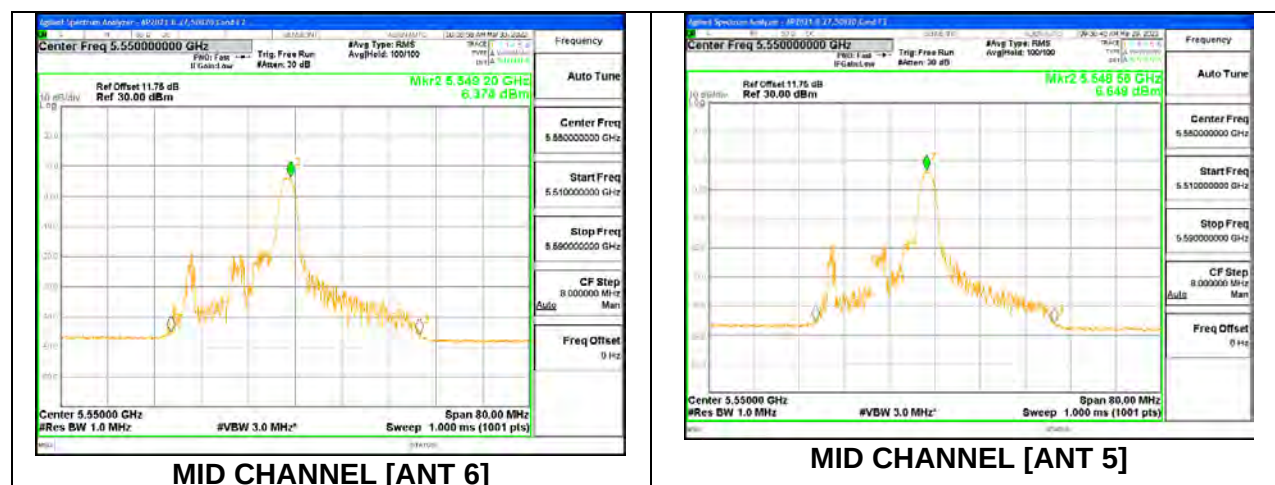
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.95	8.96	11.97	24.00	-12.03
Mid	5550	8.98	8.98	11.99	24.00	-12.01
High	5670	8.96	8.99	11.99	24.00	-12.01
142	5710	8.99	8.98	12.00	24.00	-12.00

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.404	6.523	9.474	11.00	-1.53
Mid	5550	6.374	6.648	9.523	11.00	-1.48
High	5670	6.489	6.657	9.584	11.00	-1.42
142	5710	6.390	6.580	9.496	11.00	-1.50



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

Test Engineer:	50820
Test Date:	3/29/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	20.07	-1.10	1.91	24.00	11.00
Mid	5550	19.91	-1.10	1.91	23.99	11.00
High	5670	19.90	-1.10	1.91	23.99	11.00
142	5710	19.81	-1.10	1.91	23.97	11.00

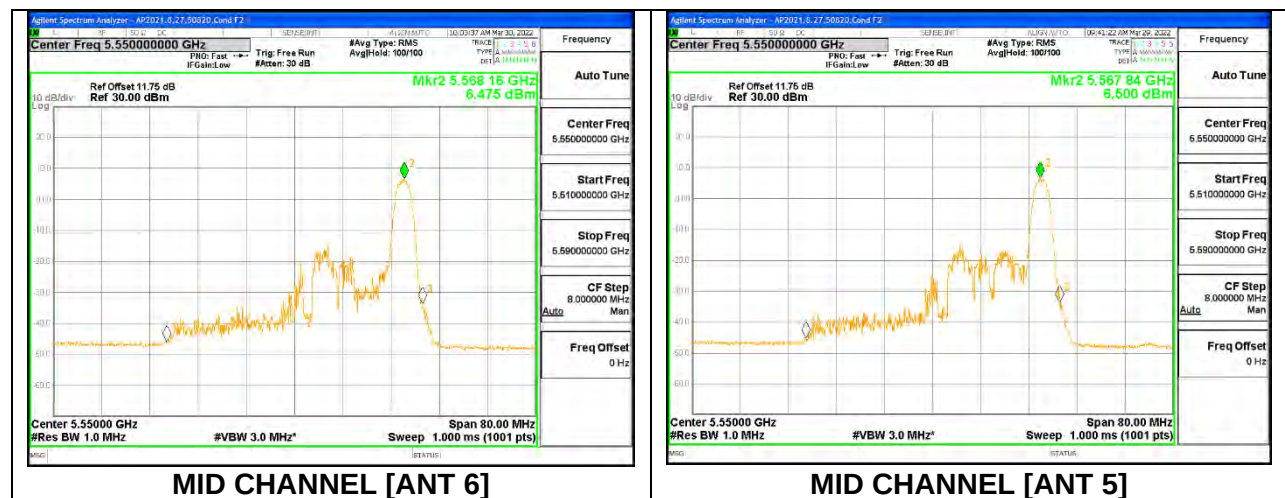
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.99	8.90	11.96	24.00	-12.04
Mid	5550	8.92	8.97	11.96	23.99	-12.04
High	5670	8.98	8.98	11.99	23.99	-12.00
142	5710	8.93	8.98	11.97	23.97	-12.00

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	6.534	6.578	9.566	11.00	-1.43
Mid	5550	6.475	6.500	9.498	11.00	-1.50
High	5670	6.506	6.401	9.464	11.00	-1.54
142	5710	6.520	6.470	9.505	11.00	-1.49



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

Test Engineer:	19172
Test Date:	3/26/2022

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	41.45	-1.10	1.91	24.00	11.00
Mid	5550	40.59	-1.10	1.91	24.00	11.00
High	5670	41.32	-1.10	1.91	24.00	11.00
142	5710	40.85	-1.10	1.91	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.87	15.85	18.87	24.00	-5.13
Mid	5550	19.40	19.39	22.41	24.00	-1.59
High	5670	17.38	17.44	20.42	24.00	-3.58
142	5710	19.40	19.46	22.44	24.00	-1.56

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	1.604	1.520	4.723	11.00	-6.28
Mid	5550	5.073	5.179	8.287	11.00	-2.71
High	5670	2.984	3.055	6.180	11.00	-4.82
142	5710	4.901	4.913	8.067	11.00	-2.93



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:	19172
Test Date:	3/26/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.76	-0.90	23.96	11.00
High	5610	19.73	-0.90	23.95	11.00
138	5690	19.83	-0.90	23.97	11.00

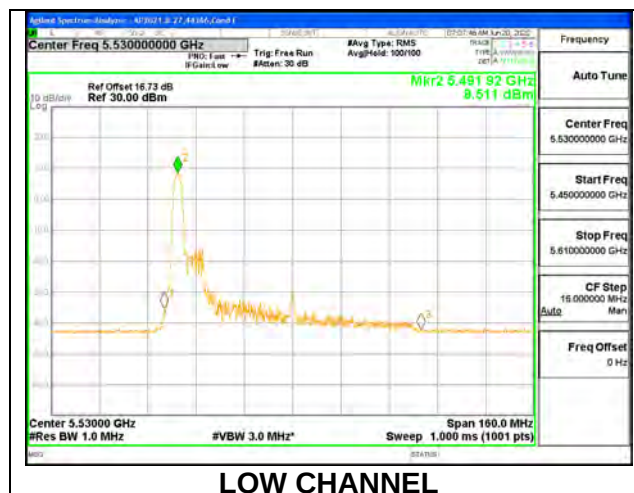
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.86	10.86	23.96	-13.10
High	5610	10.92	10.92	23.95	-13.03
138	5690	10.94	10.94	23.97	-13.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	8.511	8.511	11.00	-2.489
High	5610	8.594	8.594	11.00	-2.406
138	5690	8.628	8.628	11.00	-2.372



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

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	41.71	-0.90	24.00	11.00
High	5610	39.80	-0.90	24.00	11.00
138	5690	40.56	-0.90	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.87	10.87	24.00	-13.13
High	5610	10.86	10.86	24.00	-13.14
138	5690	10.82	10.82	24.00	-13.18

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.040	7.040	11.00	-3.960
High	5610	7.170	7.170	11.00	-3.830
138	5690	7.107	7.107	11.00	-3.893



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

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	20.98	-0.90	24.00	11.00
High	5610	20.80	-0.90	24.00	11.00
138	5690	20.12	-0.90	24.00	11.00

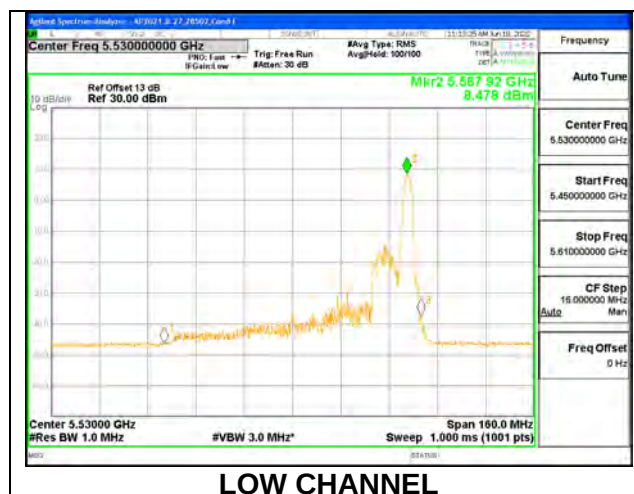
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.93	10.93	24.00	-13.07
High	5610	10.91	10.91	24.00	-13.09
138	5690	10.89	10.89	24.00	-13.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	8.478	8.478	11.00	-2.522
High	5610	8.642	8.642	11.00	-2.358
138	5690	8.330	8.330	11.00	-2.670



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	82.55	-0.90	24.00	11.00
High	5610	82.89	-0.90	24.00	11.00
138	5690	82.96	-0.90	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.93	15.93	24.00	-8.07
High	5610	20.39	20.39	24.00	-3.61
138	5690	20.43	20.43	24.00	-3.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-1.095	-0.835	11.00	-11.835
High	5610	3.568	3.828	11.00	-7.172
138	5690	3.778	4.038	11.00	-6.962



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

Test Engineer:	19172
Test Date:	3/26/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.92	-1.30	23.99	11.00
High	5610	19.74	-1.30	23.95	11.00
138	5690	19.99	-1.30	24.00	11.00

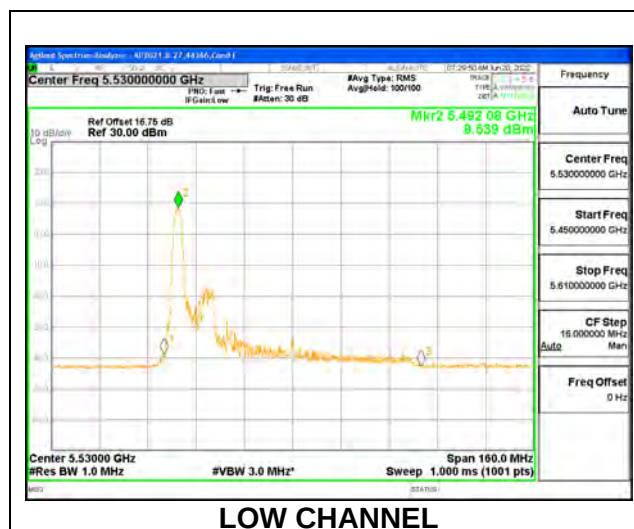
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.94	10.94	23.99	-13.05
High	5610	10.93	10.93	23.95	-13.02
138	5690	10.92	10.92	24.00	-13.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	8.539	8.539	11.00	-2.461
High	5610	8.565	8.565	11.00	-2.435
138	5690	8.492	8.492	11.00	-2.508



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

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	42.44	-1.30	24.00	11.00
High	5610	39.39	-1.30	24.00	11.00
138	5690	41.84	-1.30	24.00	11.00

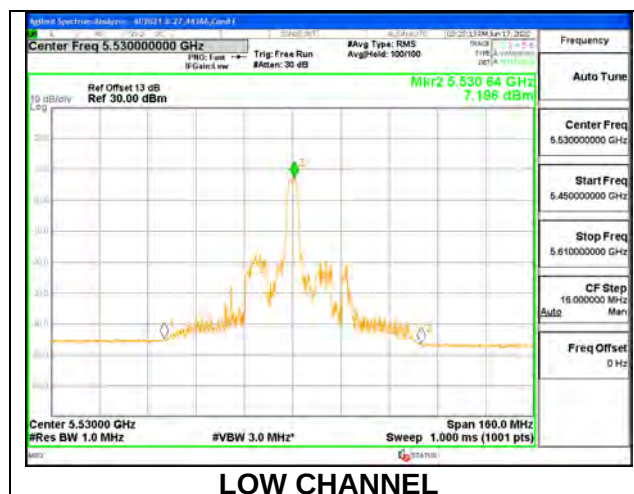
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.91	10.91	24.00	-13.09
High	5610	10.97	10.97	24.00	-13.03
138	5690	10.90	10.90	24.00	-13.10

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	7.196	7.196	11.00	-3.804
High	5610	7.076	7.076	11.00	-3.924
138	5690	7.072	7.072	11.00	-3.928



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

Test Engineer:	19172
Test Date:	3/28/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	21.12	-1.30	24.00	11.00
High	5610	20.98	-1.30	24.00	11.00
138	5690	20.50	-1.30	24.00	11.00

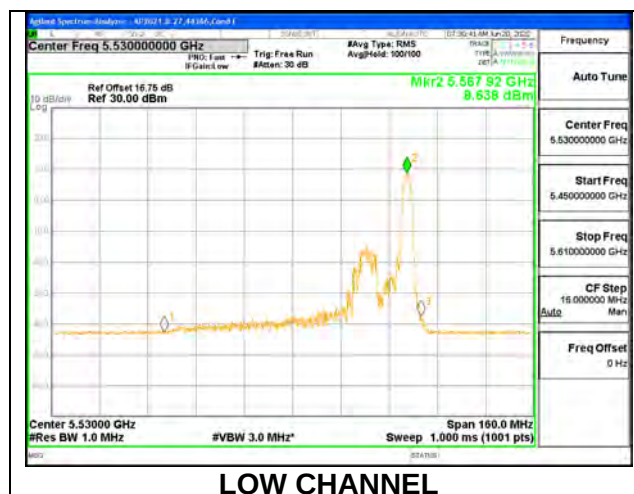
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.90	10.90	24.00	-13.10
High	5610	10.91	10.91	24.00	-13.09
138	5690	10.92	10.92	24.00	-13.08

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	8.638	8.638	11.00	-2.362
High	5610	8.480	8.480	11.00	-2.520
138	5690	8.598	8.598	11.00	-2.402



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19172
Test Date:	3/23/2022

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.33	-1.30	24.00	11.00
High	5610	81.72	-1.30	24.00	11.00
138	5690	81.37	-1.30	24.00	11.00

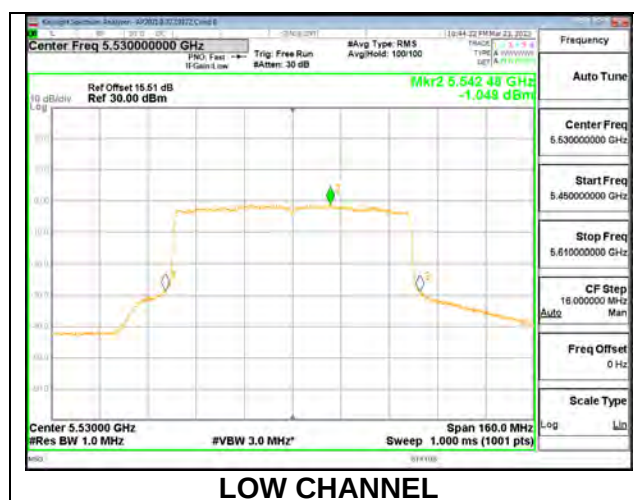
Duty Cycle CF (dB)	0.26	Included in Calculations Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.80	15.80	24.00	-8.20
High	5610	20.44	20.44	24.00	-3.56
138	5690	20.41	20.41	24.00	-3.59

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-1.048	-0.788	11.00	-11.788
High	5610	2.952	3.212	11.00	-7.788
138	5690	2.918	3.178	11.00	-7.822



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

Test Engineer:	19172
Test Date:	3/28/2022

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	19.56	-1.10	1.91	23.91	11.00
High	5610	19.65	-1.10	1.91	23.93	11.00
138	5690	19.56	-1.10	1.91	23.91	11.00

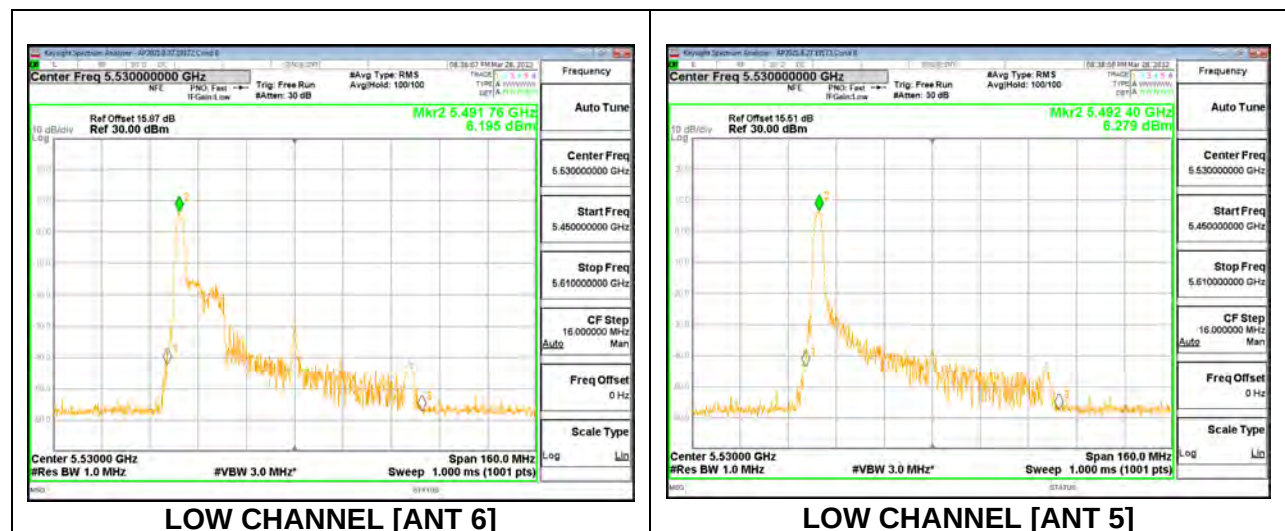
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.89	8.89	11.90	23.91	-12.01
High	5610	8.92	8.88	11.91	23.93	-12.02
138	5690	8.95	8.96	11.97	23.91	-11.95

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	6.195	6.279	9.248	11.00	-1.752
High	5610	6.212	6.241	9.237	11.00	-1.763
138	5690	6.122	6.298	9.221	11.00	-1.779



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

Test Engineer:	19172
Test Date:	3/29/2022

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	38.92	-1.10	1.91	24.00	11.00
High	5610	38.57	-1.10	1.91	24.00	11.00
138	5690	38.58	-1.10	1.91	24.00	11.00

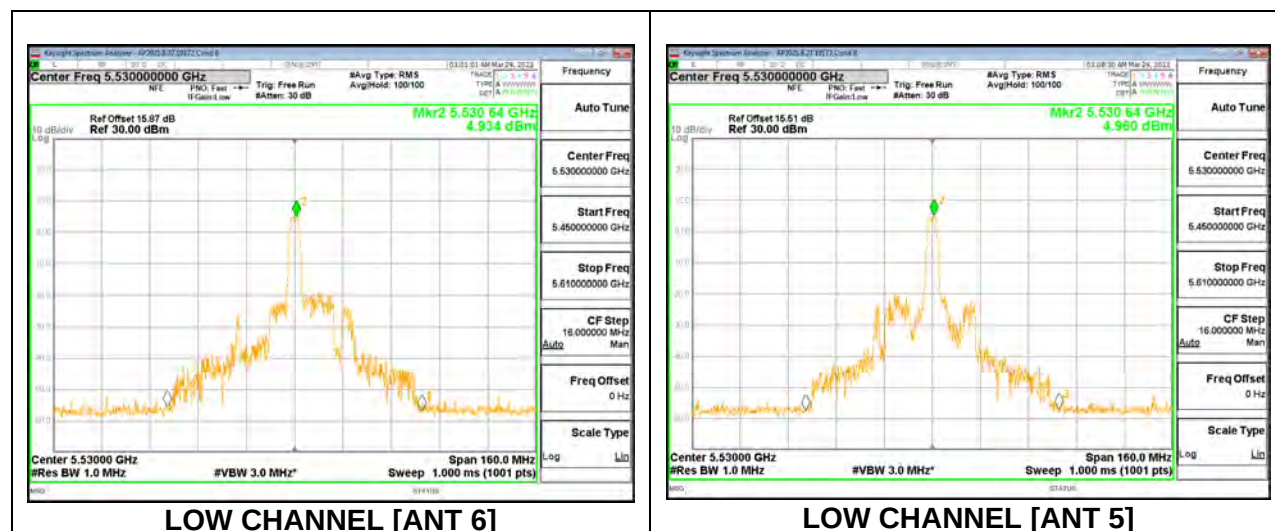
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.87	8.90	11.90	24.00	-12.10
High	5610	8.88	8.88	11.89	24.00	-12.11
138	5690	8.90	8.92	11.92	24.00	-12.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	4.934	4.960	7.957	11.00	-3.043
High	5610	4.928	4.919	7.934	11.00	-3.066
138	5690	4.835	4.868	7.862	11.00	-3.138



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

Test Engineer:	19172
Test Date:	3/29/2022

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	19.79	-1.10	1.91	23.96	11.00
High	5610	19.63	-1.10	1.91	23.93	11.00
138	5690	19.66	-1.10	1.91	23.94	11.00

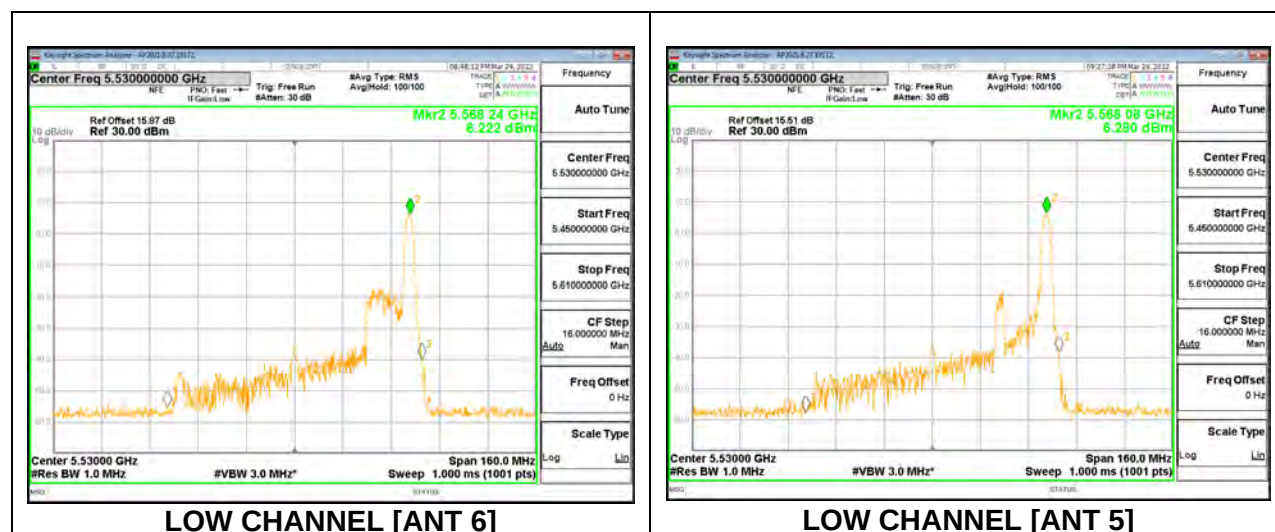
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.92	8.89	11.92	23.96	-12.05
High	5610	8.98	8.92	11.96	23.93	-11.97
138	5690	8.82	8.96	11.90	23.94	-12.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	6.222	6.280	9.261	11.00	-1.739
High	5610	6.198	6.295	9.257	11.00	-1.743
138	5690	6.140	6.231	9.196	11.00	-1.804



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

Test Engineer:	19172
Test Date:	3/23/2022

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	82.28	-1.10	1.91	24.00	11.00
High	5610	82.81	-1.10	1.91	24.00	11.00
138	5690	80.57	-1.10	1.91	24.00	11.00

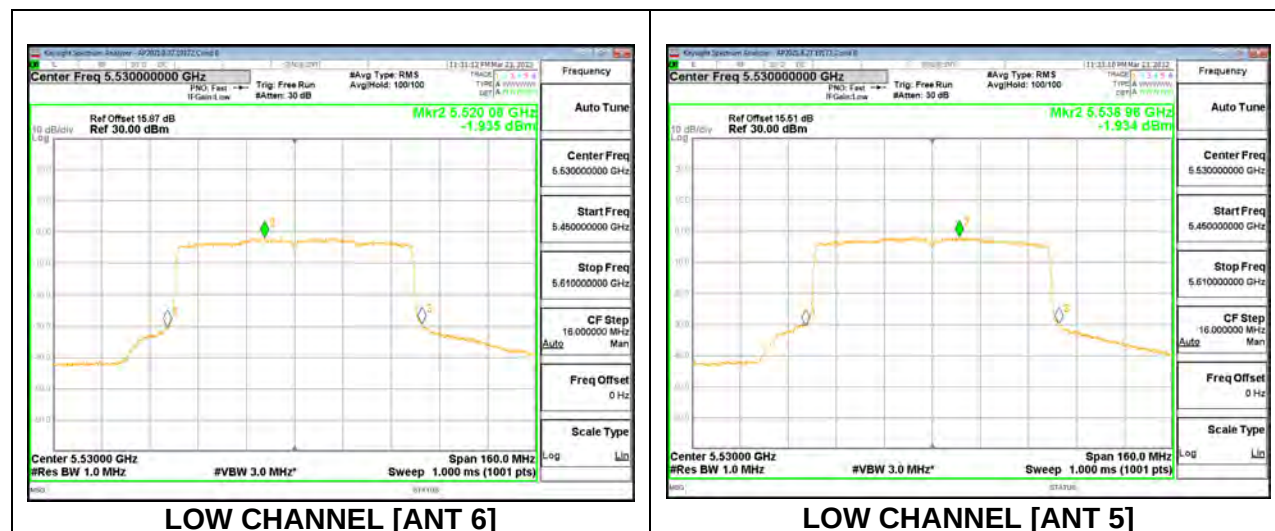
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.90	14.95	17.94	24.00	-6.06
High	5610	19.93	19.94	22.95	24.00	-1.05
138	5690	19.91	19.90	22.92	24.00	-1.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-1.935	-1.934	1.336	11.00	-9.664
High	5610	2.868	2.733	6.071	11.00	-4.929
138	5690	2.674	2.486	5.851	11.00	-5.149



9.4.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC + IC)

Test Engineer:	44366
Test Date:	3/21/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.50	30.00	30.00
Mid	5785	-0.50	30.00	30.00
High	5825	-0.50	30.00	30.00

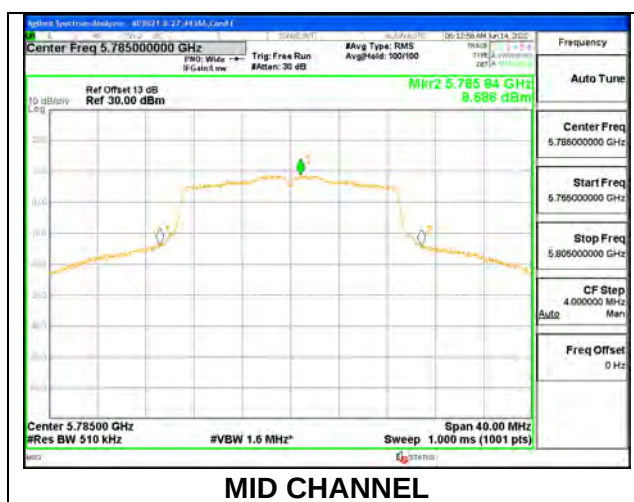
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.42	21.42	30.00	-8.58
Mid	5785	21.44	21.44	30.00	-8.56
High	5825	21.45	21.45	30.00	-8.55

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	8.818	8.918	21.082	-12.16
Mid	5785	8.686	8.786	21.214	-12.43
High	5825	8.780	8.880	21.12	-12.24



1TX Antenna 5 MODE (FCC + IC)

Test Engineer:	44366
Test Date:	3/21/2022

Antenna Gain and Limit

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

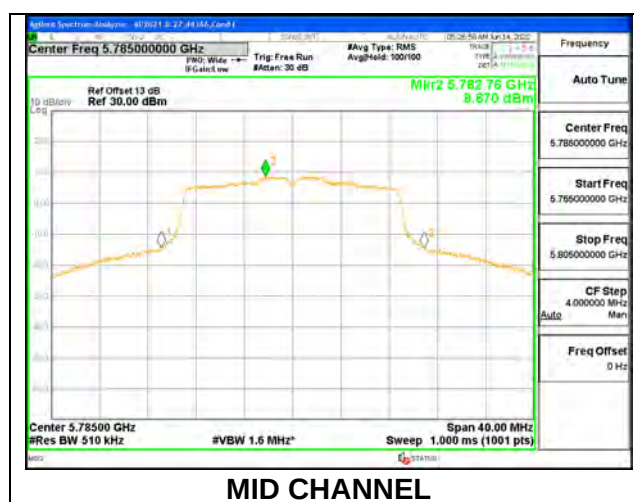
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.45	21.45	30.00	-8.55
Mid	5785	21.46	21.46	30.00	-8.54
High	5825	21.41	21.41	30.00	-8.59

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	8.689	8.789	30.00	-21.21
Mid	5785	8.670	8.770	30.00	-21.23
High	5825	8.797	8.897	30.00	-21.10



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

Test Engineer:	50820
Test Date:	3/22/2022

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	-0.84	2.17	30.00	30.00
Mid	5785	-0.84	2.17	30.00	30.00
High	5825	-0.84	2.17	30.00	30.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.45	21.47	24.47	30.00	-5.53
Mid	5785	21.40	21.46	24.44	30.00	-5.56
High	5825	21.42	21.42	24.43	30.00	-5.57

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	8.822	8.602	11.824	30.00	-18.176
Mid	5785	8.665	8.674	11.780	30.00	-18.220
High	5825	8.671	8.564	11.728	30.00	-18.272

**MID CHANNEL [ANT 6]****MID CHANNEL [ANT 5]**

9.4.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC + IC)

Test Engineer:	19172
Test Date:	3/24/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.50	30.00	30.00
High	5795	-0.50	30.00	30.00

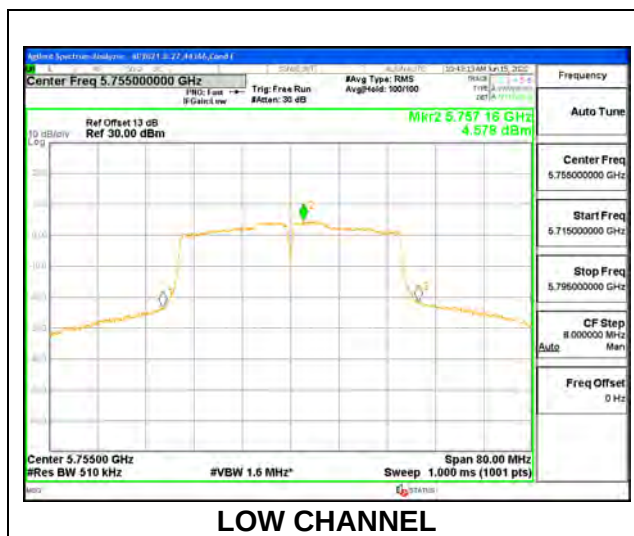
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.41	20.41	30.00	-9.59
High	5795	20.49	20.49	30.00	-9.51

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	4.578	4.778	30.00	-25.22
High	5795	4.688	4.888	30.00	-25.11



1TX Antenna 5 MODE (FCC + IC)

Test Engineer:	19172
Test Date:	3/24/2022

Antenna Gain and Limit

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

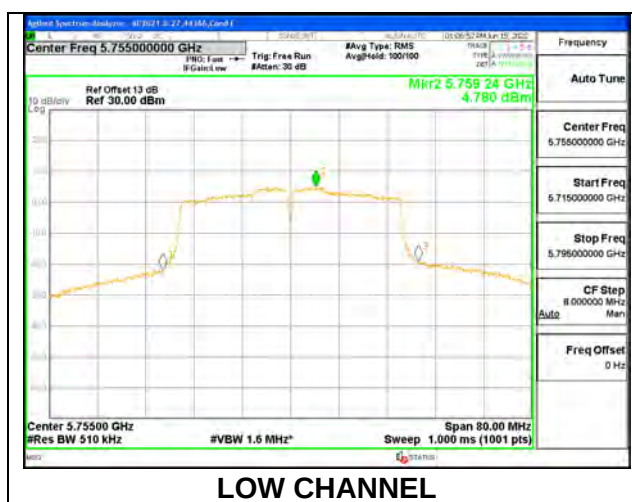
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.47	20.47	30.00	-9.53
High	5795	20.45	20.45	30.00	-9.55

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.780	4.980	30.00	-25.02
High	5795	4.688	4.888	30.00	-25.11



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

Test Engineer:	19172
Test Date:	3/24/2022

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	-0.84	2.17	30.00	30.00
High	5795	-0.84	2.17	30.00	30.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.90	19.92	22.92	30.00	-7.08
High	5795	19.88	19.94	22.92	30.00	-7.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	3.989	4.106	7.258	30.00	-22.742
High	5825	4.154	4.153	7.364	30.00	-22.636



9.4.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC + IC)

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.50	30.00	30.00

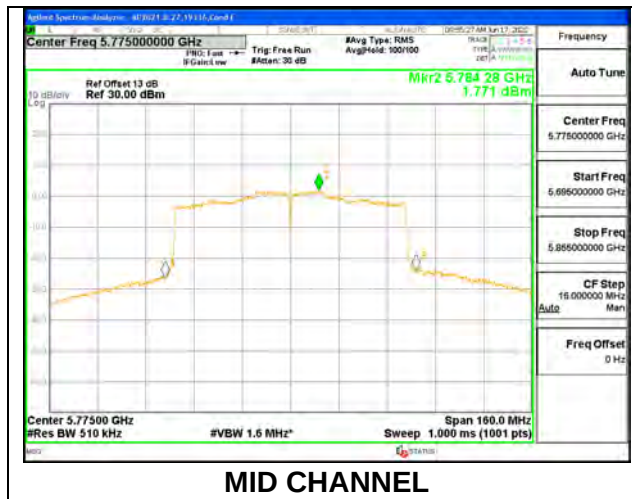
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.40	20.40	30.00	-9.60

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	1.771	1.971	30.00	-28.03



1TX Antenna 5 MODE (FCC + IC)

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limit

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

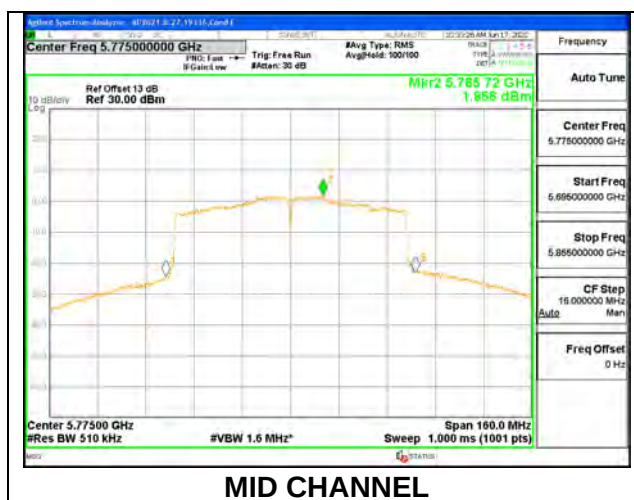
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.43	20.43	30.00	-9.57

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	1.866	2.066	30.00	-27.93



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

Test Engineer:	19172
Test Date:	3/23/2022

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	-0.84	2.17	30.00	30.00

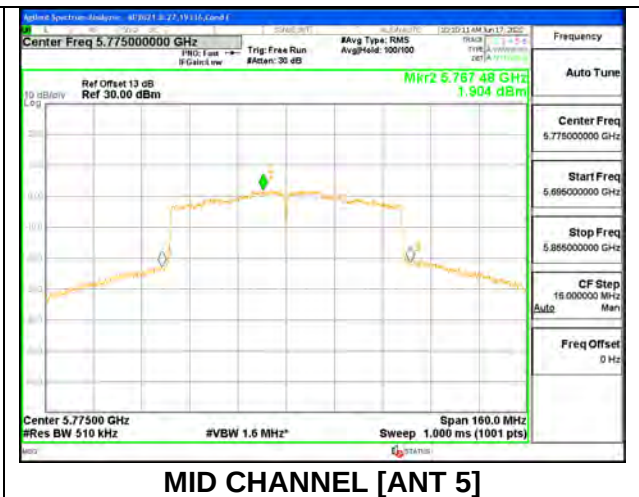
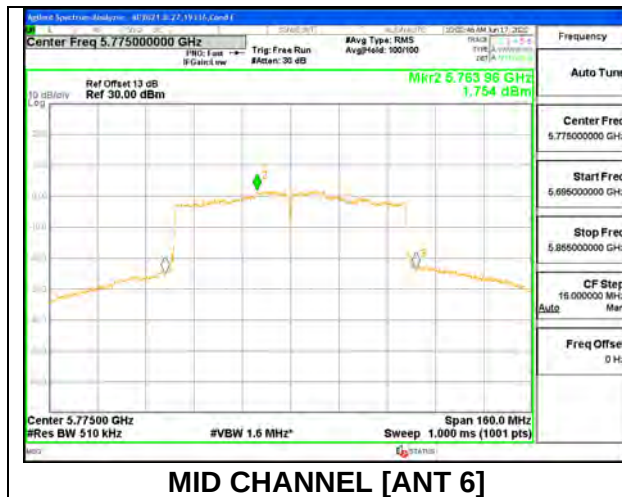
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.45	20.44	23.46	30.00	-6.54

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	1.754	1.904	5.040	30.00	-24.960



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:	50820
Test Date:	3/25/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.50	30.00	30.00
Mid	5785	-0.50	30.00	30.00
High	5825	-0.50	30.00	30.00

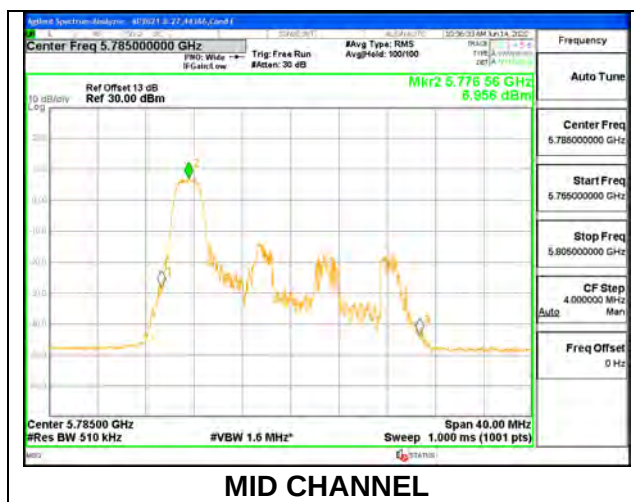
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.93	11.93	30.00	-18.07
Mid	5785	11.94	11.94	30.00	-18.06
High	5825	11.94	11.94	30.00	-18.06

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	5745	7.128	7.128	30.00	-22.87
Mid	5785	6.956	6.956	30.00	-23.04
High	5825	6.829	6.829	30.00	-23.17



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

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.50	30.00	30.00
Mid	5785	-0.50	30.00	30.00
High	5825	-0.50	30.00	30.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.95	11.95	30.00	-18.05
Mid	5785	11.96	11.96	30.00	-18.04
High	5825	11.96	11.96	30.00	-18.04

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	6.986	6.986	30.00	-23.01
Mid	5785	6.861	6.861	30.00	-23.14
High	5825	6.806	6.806	30.00	-23.19



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

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.50	30.00	30.00
Mid	5785	-0.50	30.00	30.00
High	5825	-0.50	30.00	30.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.95	11.95	30.00	-18.05
Mid	5785	11.97	11.97	30.00	-18.03
High	5825	11.93	11.93	30.00	-18.07

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	6.960	6.960	30.00	-23.04
Mid	5785	6.837	6.837	30.00	-23.16
High	5825	6.898	6.898	30.00	-23.10



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

Test Engineer:	50820
Test Date:	3/22/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-0.50	30.00	30.00
Mid	5785	-0.50	30.00	30.00
High	5825	-0.50	30.00	30.00

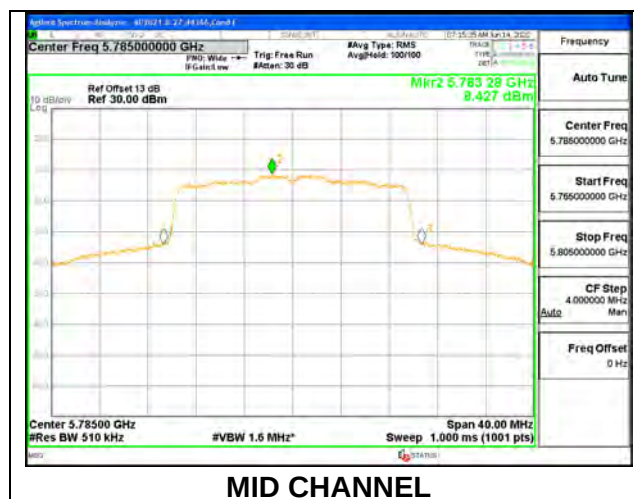
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.45	21.45	30.00	-8.55
Mid	5785	21.40	21.40	30.00	-8.60
High	5825	21.41	21.41	30.00	-8.59

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	8.498	8.498	30.00	-21.50
Mid	5785	8.427	8.427	30.00	-21.57
High	5825	8.243	8.243	30.00	-21.76



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

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limit

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

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.93	11.93	30.00	-18.07
Mid	5785	11.90	11.90	30.00	-18.10
High	5825	11.94	11.94	30.00	-18.06

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.064	7.064	30.00	-22.94
Mid	5785	7.037	7.037	30.00	-22.96
High	5825	6.861	6.861	30.00	-23.14



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

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limit

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

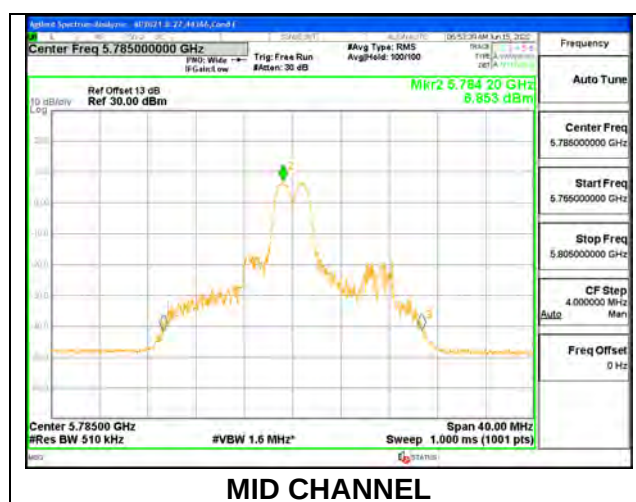
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.94	11.94	30.00	-18.06
Mid	5785	11.98	11.98	30.00	-18.02
High	5825	11.91	11.91	30.00	-18.09

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.675	6.675	30.00	-23.33
Mid	5785	6.853	6.853	30.00	-23.15
High	5825	6.517	6.517	30.00	-23.48



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

Test Engineer:	50820
Test Date:	3/23/2022

Antenna Gain and Limit

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

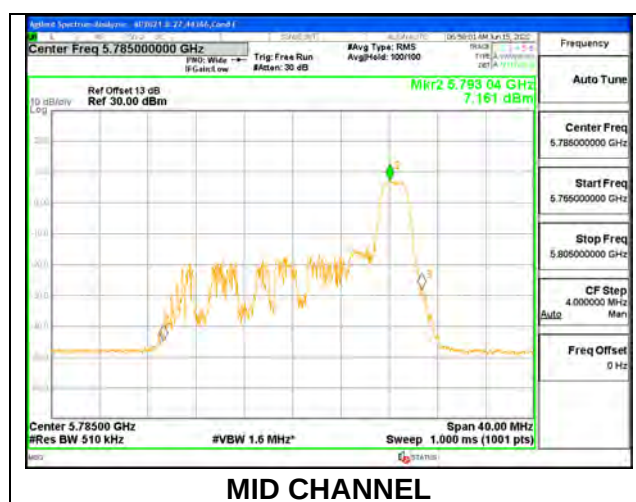
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.91	11.91	30.00	-18.09
Mid	5785	11.97	11.97	30.00	-18.03
High	5825	11.97	11.97	30.00	-18.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.989	6.989	30.00	-23.01
Mid	5785	7.161	7.161	30.00	-22.84
High	5825	6.981	6.981	30.00	-23.02



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

Test Engineer:	50820
Test Date:	3/22/2022

Antenna Gain and Limit

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

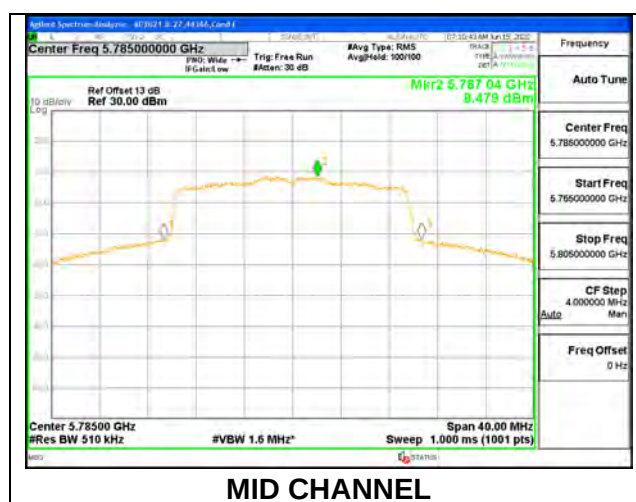
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.43	21.43	30.00	-8.57
Mid	5785	21.47	21.47	30.00	-8.53
High	5825	21.48	21.48	30.00	-8.52

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	8.283	8.283	30.00	-21.72
Mid	5785	8.479	8.479	30.00	-21.52
High	5825	8.468	8.468	30.00	-21.53



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

Test Engineer:	50820
Test Date:	3/28/2022

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	-0.84	2.17	30.00	30.00
Mid	5785	-0.84	2.17	30.00	30.00
High	5825	-0.84	2.17	30.00	30.00

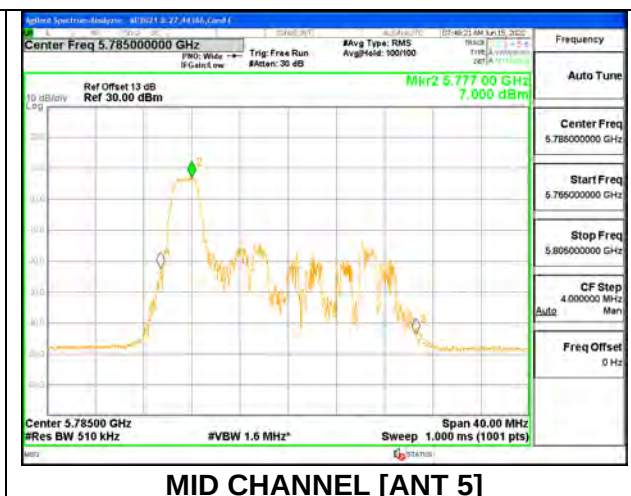
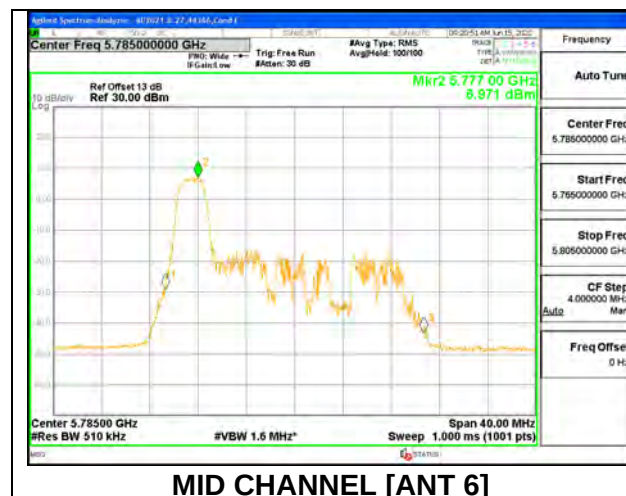
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.94	11.95	14.96	30.00	-15.04
Mid	5785	11.96	11.98	14.98	30.00	-15.02
High	5825	11.92	11.90	14.92	30.00	-15.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.874	6.692	9.794	30.00	-20.206
Mid	5785	6.971	7.000	9.996	30.00	-20.004
High	5825	6.924	7.002	9.973	30.00	-20.027



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

Test Engineer:	50820
Test Date:	3/28/2022

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	-0.84	2.17	30.00	30.00
Mid	5785	-0.84	2.17	30.00	30.00
High	5825	-0.84	2.17	30.00	30.00

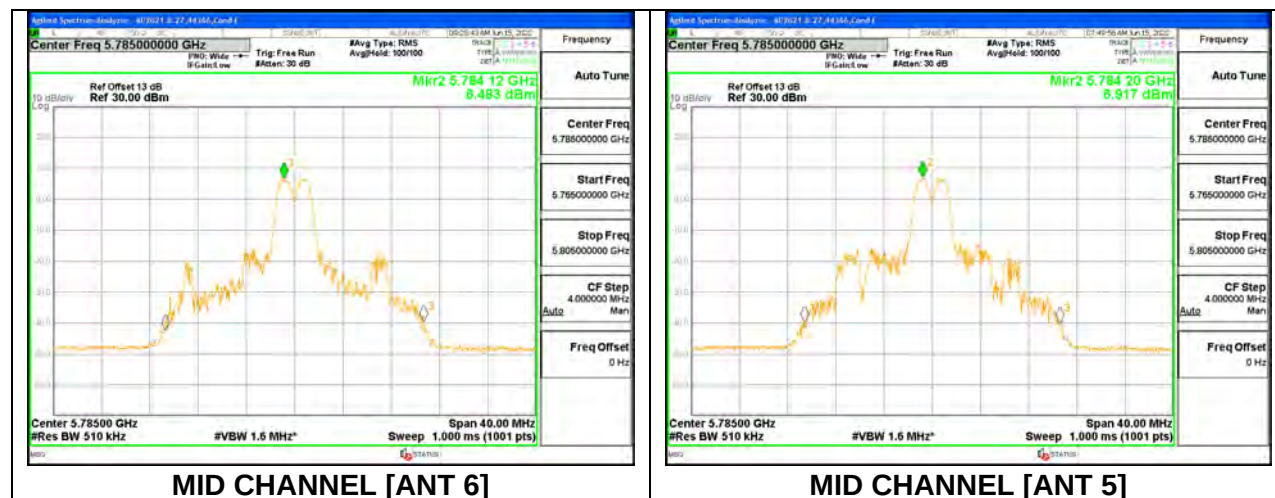
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.94	11.98	14.97	30.00	-15.03
Mid	5785	11.97	11.91	14.95	30.00	-15.05
High	5825	11.91	11.92	14.93	30.00	-15.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.540	6.692	9.627	30.00	-20.373
Mid	5785	6.483	6.917	9.716	30.00	-20.284
High	5825	6.437	6.924	9.698	30.00	-20.302



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

Test Engineer:	50820
Test Date:	3/28/2022

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	-0.84	2.17	30.00	30.00
Mid	5785	-0.84	2.17	30.00	30.00
High	5825	-0.84	2.17	30.00	30.00

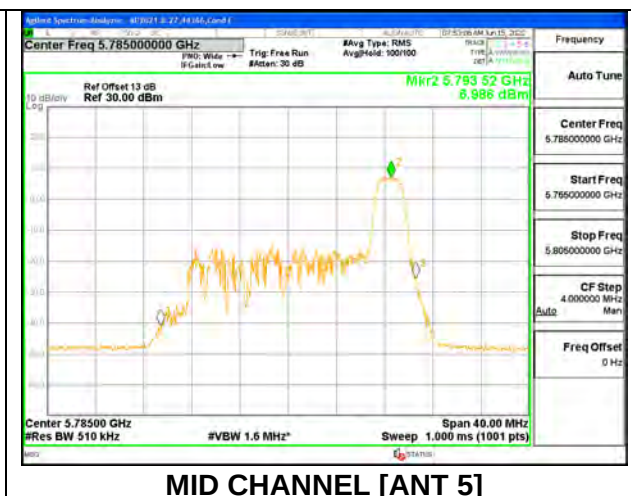
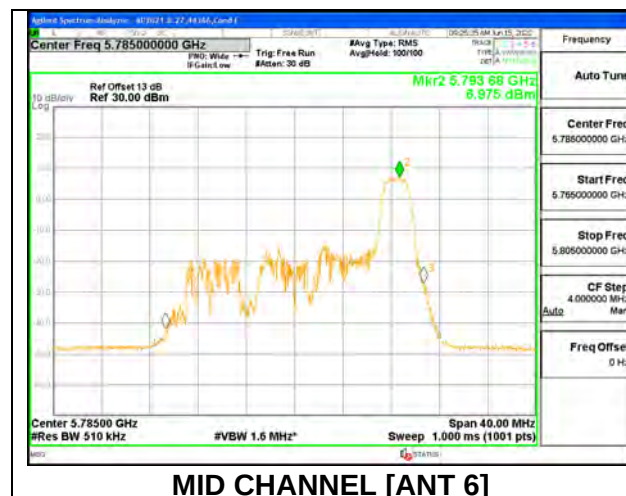
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	11.95	11.95	14.96	30.00	-15.04
Mid	5785	11.94	11.96	14.96	30.00	-15.04
High	5825	11.98	11.97	14.99	30.00	-15.01

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	6.875	6.938	9.917	30.00	-20.083
Mid	5785	6.975	6.986	9.991	30.00	-20.009
High	5825	6.862	6.882	9.882	30.00	-20.118



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

Test Engineer:	50820
Test Date:	3/24/2022

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	-0.84	2.17	30.00	30.00
Mid	5785	-0.84	2.17	30.00	30.00
High	5825	-0.84	2.17	30.00	30.00

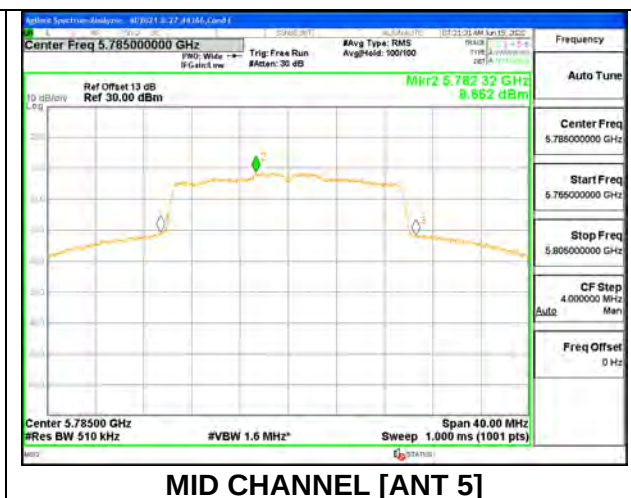
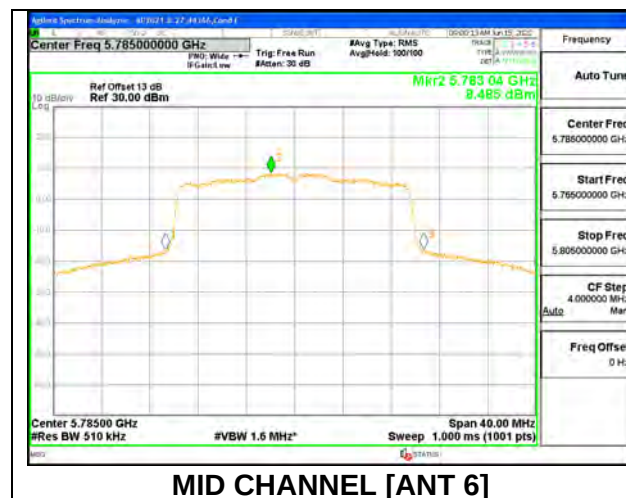
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.40	21.41	24.42	30.00	-5.58
Mid	5785	21.45	21.43	24.45	30.00	-5.55
High	5825	21.47	21.46	24.48	30.00	-5.52

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	8.469	8.427	11.458	30.00	-18.542
Mid	5785	8.485	8.662	11.585	30.00	-18.415
High	5825	8.482	8.444	11.473	30.00	-18.527



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:	50820
Test Date:	3/31/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.50	30.00	30.00
High	5795	-0.50	30.00	30.00

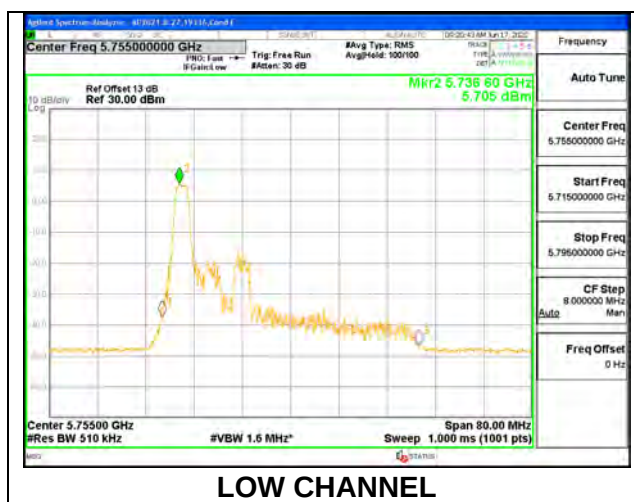
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.93	10.93	30.00	-19.07
High	5795	10.97	10.97	30.00	-19.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.705	5.705	30.00	-24.30
High	5795	5.658	5.658	30.00	-24.34



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

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.50	30.00	30.00
High	5795	-0.50	30.00	30.00

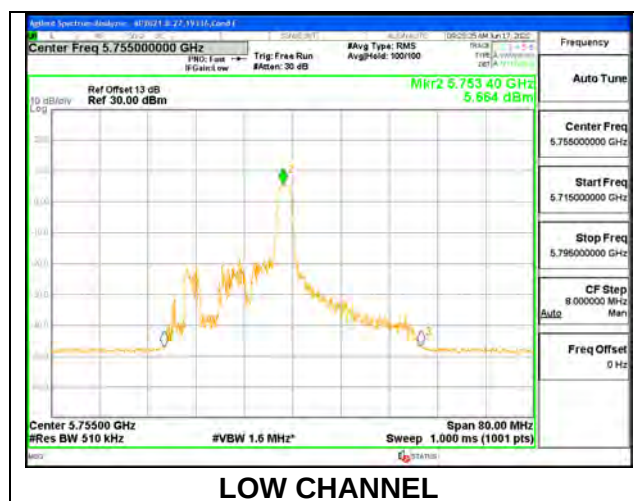
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.95	10.95	30.00	-19.05
High	5795	10.93	10.93	30.00	-19.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.664	5.664	30.00	-24.34
High	5795	5.878	5.878	30.00	-24.12



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

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.50	30.00	30.00
High	5795	-0.50	30.00	30.00

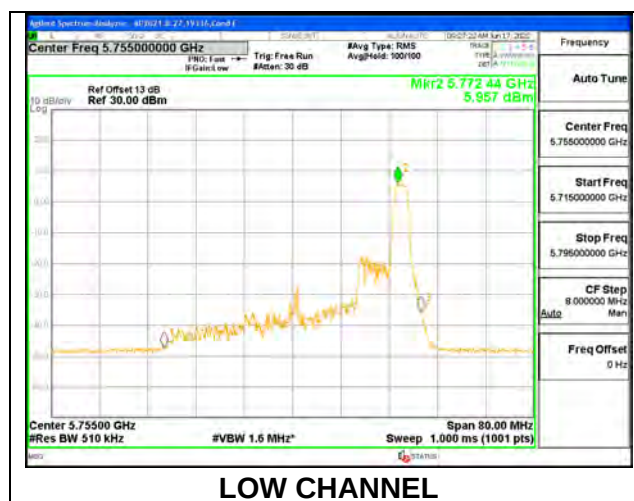
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.91	10.91	30.00	-19.09
High	5795	10.96	10.96	30.00	-19.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.957	5.957	30.00	-24.04
High	5795	5.915	5.915	30.00	-24.09



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

Test Engineer:	19172
Test Date:	3/24/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-0.50	30.00	30.00
High	5795	-0.50	30.00	30.00

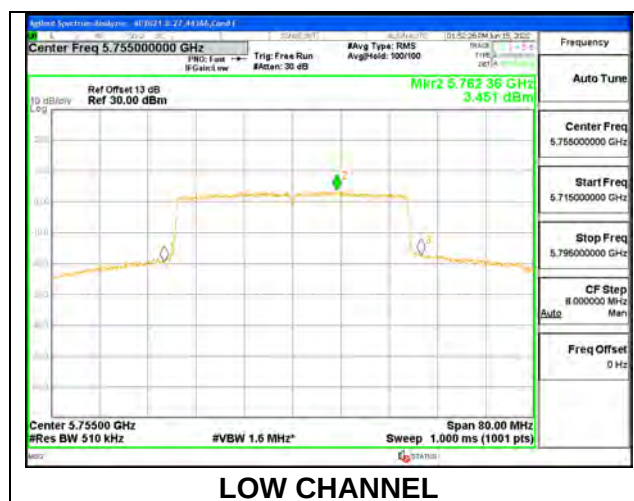
Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.41	20.41	30.00	-9.59
High	5795	20.40	20.40	30.00	-9.60

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	3.451	3.601	30.00	-26.40
High	5795	3.305	3.455	30.00	-26.55



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

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limit

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

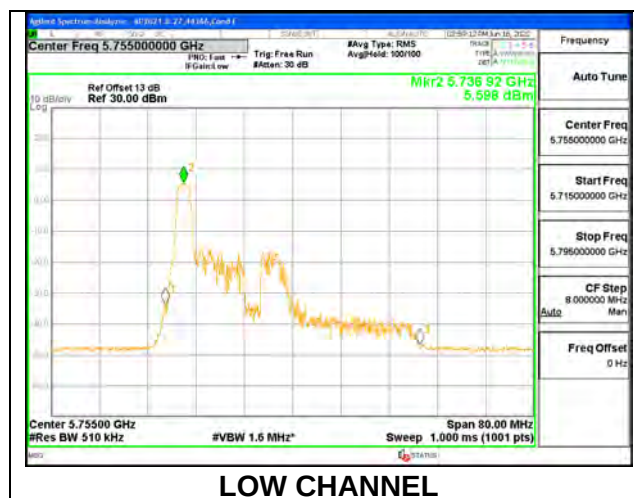
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.92	10.92	30.00	-19.08
High	5795	10.97	10.97	30.00	-19.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.598	5.598	30.00	-24.40
High	5795	5.783	5.783	30.00	-24.22



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

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limit

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

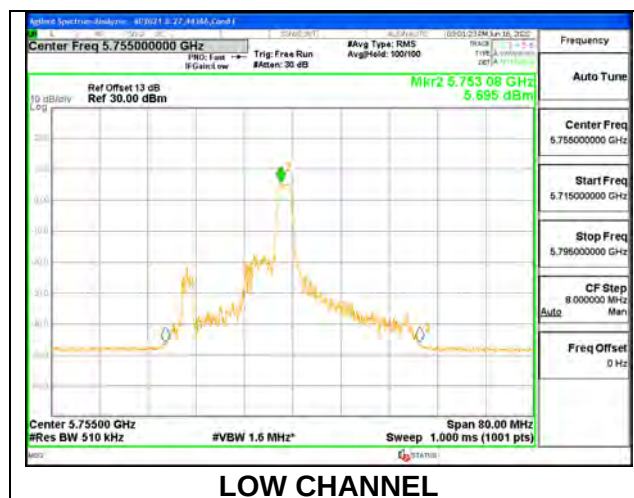
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.94	10.94	30.00	-19.06
High	5795	10.94	10.94	30.00	-19.06

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.695	5.695	30.00	-24.31
High	5795	5.900	5.900	30.00	-24.10



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

Test Engineer:	50820
Test Date:	3/31/2022

Antenna Gain and Limit

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

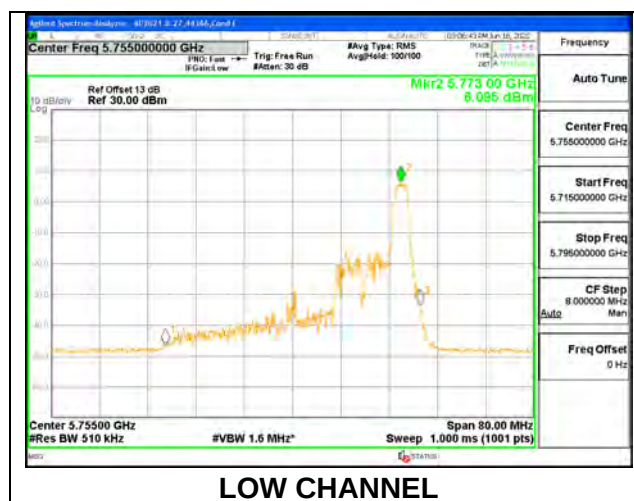
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.96	10.96	30.00	-19.04
High	5795	10.98	10.98	30.00	-19.02

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.095	6.095	30.00	-23.91
High	5795	5.993	5.993	30.00	-24.01



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

Test Engineer:	19172
Test Date:	3/24/2022

Antenna Gain and Limit

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

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.42	20.42	30.00	-9.58
High	5795	20.44	20.44	30.00	-9.56

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	3.540	3.690	30.00	-26.31
High	5795	3.389	3.539	30.00	-26.46



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

Test Engineer:	50820
Test Date:	3/29/2022

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	-0.84	2.17	30.00	30.00
High	5795	-0.84	2.17	30.00	30.00

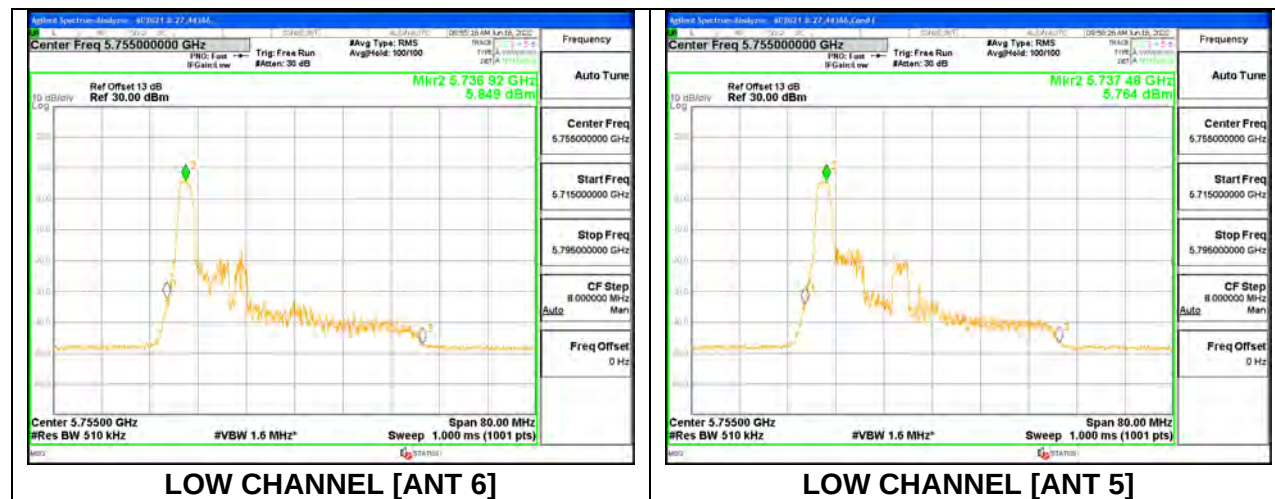
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.91	10.95	13.94	30.00	-16.06
High	5795	10.92	10.94	13.94	30.00	-16.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.849	5.764	8.817	30.00	-21.183
High	5795	6.019	6.006	9.023	30.00	-20.977



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

Test Engineer:	50820
Test Date:	3/29/2022

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	-0.84	2.17	30.00	30.00
High	5795	-0.84	2.17	30.00	30.00

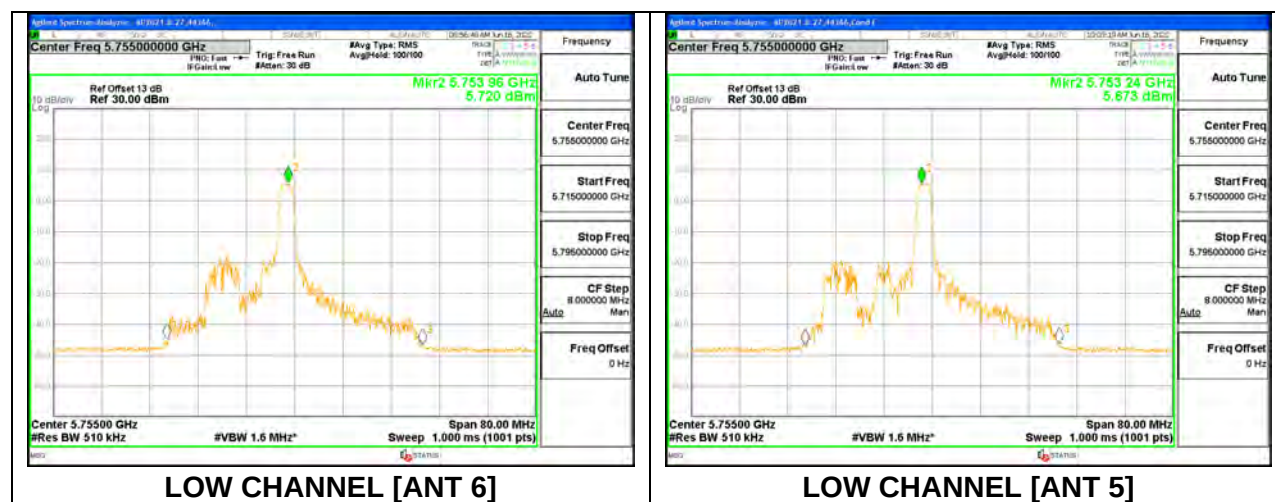
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.96	10.97	13.98	30.00	-16.02
High	5795	10.90	10.92	13.92	30.00	-16.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	5.720	5.673	8.707	30.00	-21.293
High	5795	5.609	5.753	8.692	30.00	-21.308



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

Test Engineer:	50820
Test Date:	3/29/2022

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	-0.84	2.17	30.00	30.00
High	5795	-0.84	2.17	30.00	30.00

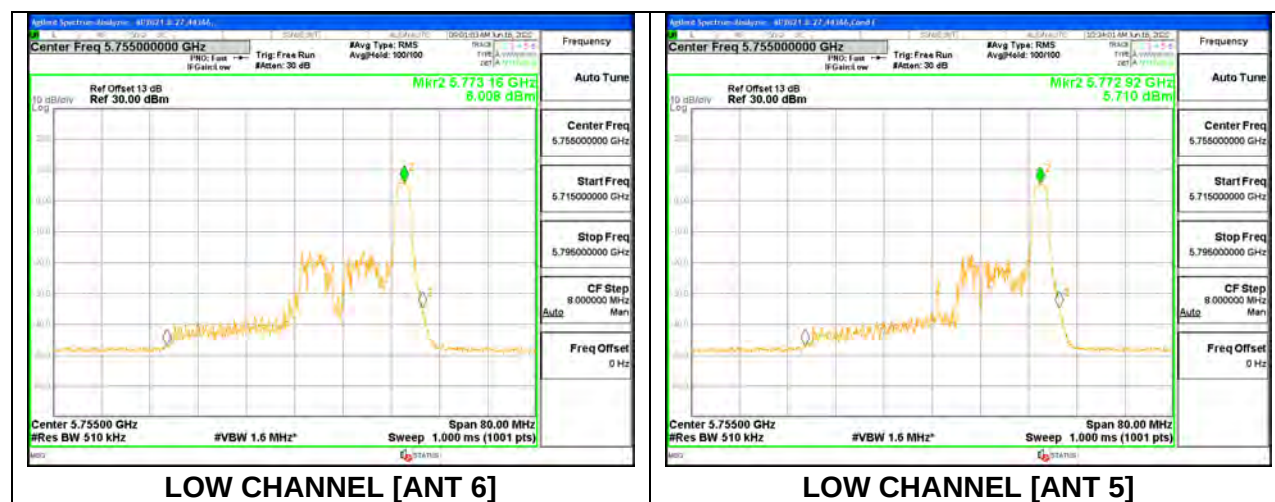
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.93	10.95	13.95	30.00	-16.05
High	5795	10.96	10.92	13.95	30.00	-16.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.008	5.710	8.872	30.00	-21.128
High	5795	5.722	5.889	8.817	30.00	-21.183



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

Test Engineer:	19172
Test Date:	3/26/2022

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	5755	-0.84	2.17	30.00	30.00
High	5795	-0.84	2.17	30.00	30.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	19.95	19.87	22.92	30.00	-7.08
High	5795	19.94	19.97	22.97	30.00	-7.03

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	2.650	2.563	5.767	30.00	-24.233
High	5795	2.609	2.543	5.736	30.00	-24.264



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:	19172
Test Date:	3/26/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.50	30.00	30.00

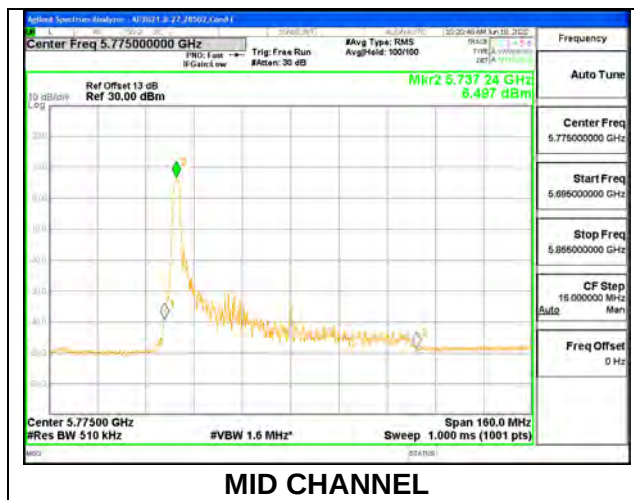
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.79	10.79	30.00	-19.21

PSD Results

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



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

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.50	30.00	30.00

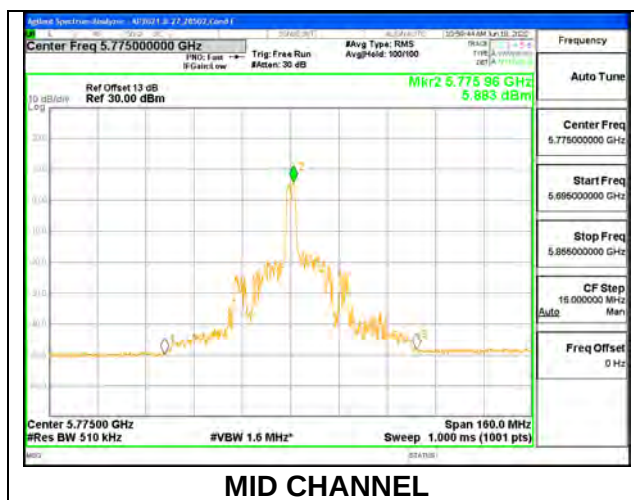
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.92	10.92	30.00	-19.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.883	5.883	30.00	-24.12



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

Test Engineer:	19172
Test Date:	3/29/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.50	30.00	30.00

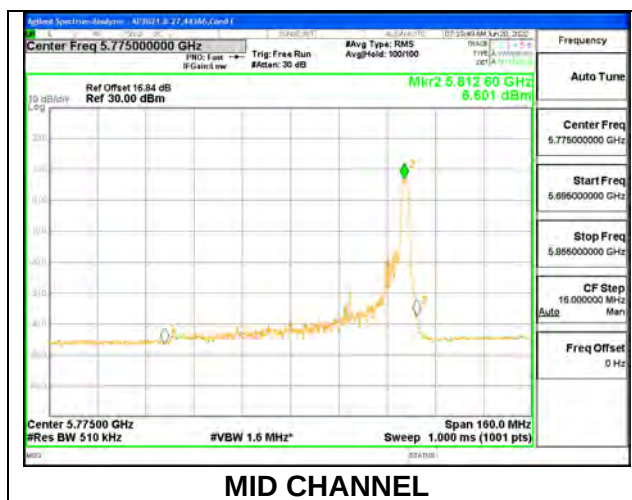
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.92	10.92	30.00	-19.08

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	6.601	6.601	30.00	-23.40



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

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-0.50	30.00	30.00

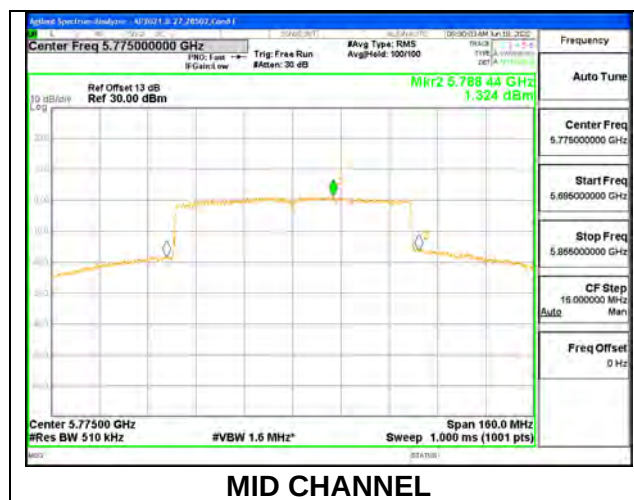
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.48	20.48	30.00	-9.52

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	1.324	1.584	30.00	-28.42



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

Test Engineer:	19172
Test Date:	3/26/2022

Antenna Gain and Limit

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

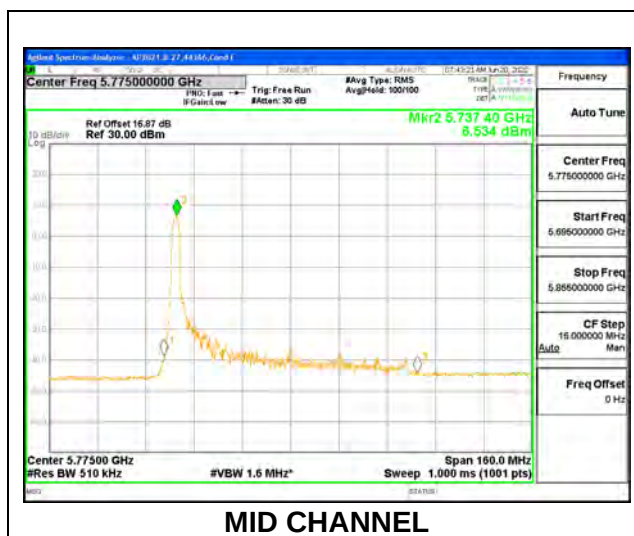
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.93	10.93	30.00	-19.07

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.534	6.534	30.00	-23.47



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

Test Engineer:	19172
Test Date:	3/28/2022

Antenna Gain and Limit

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

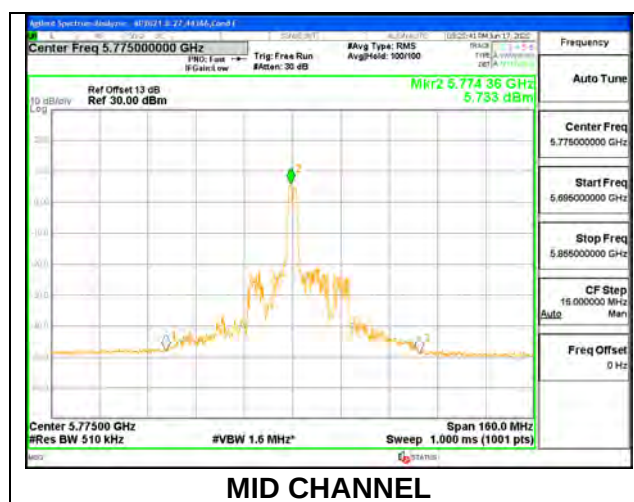
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.97	10.97	30.00	-19.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.733	5.733	30.00	-24.27



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

Test Engineer:	19172
Test Date:	3/29/2022

Antenna Gain and Limit

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

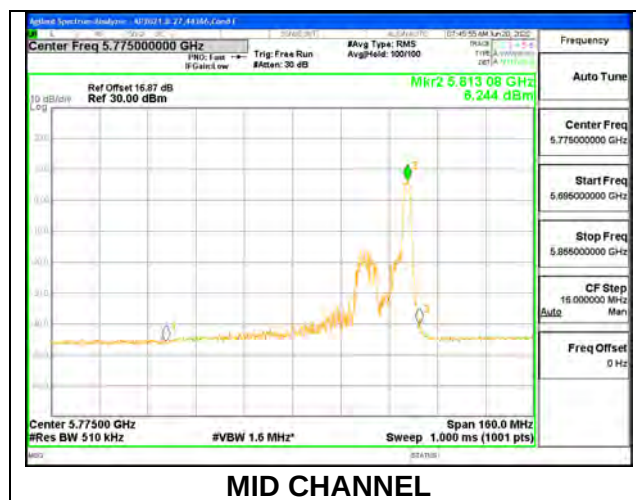
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.96	10.96	30.00	-19.04

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.244	6.244	30.00	-23.76



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

Test Engineer:	19172
Test Date:	3/23/2022

Antenna Gain and Limit

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

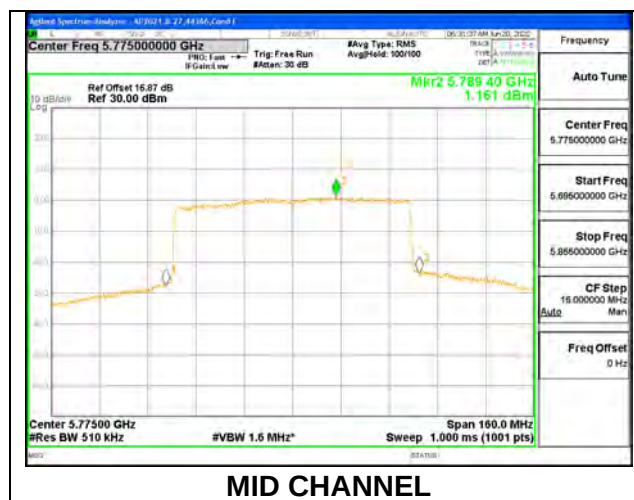
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.40	20.40	30.00	-9.60

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	1.161	1.421	30.00	-28.58



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

Test Engineer:	19172
Test Date:	3/26/2022

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	-0.84	2.17	30.00	30.00

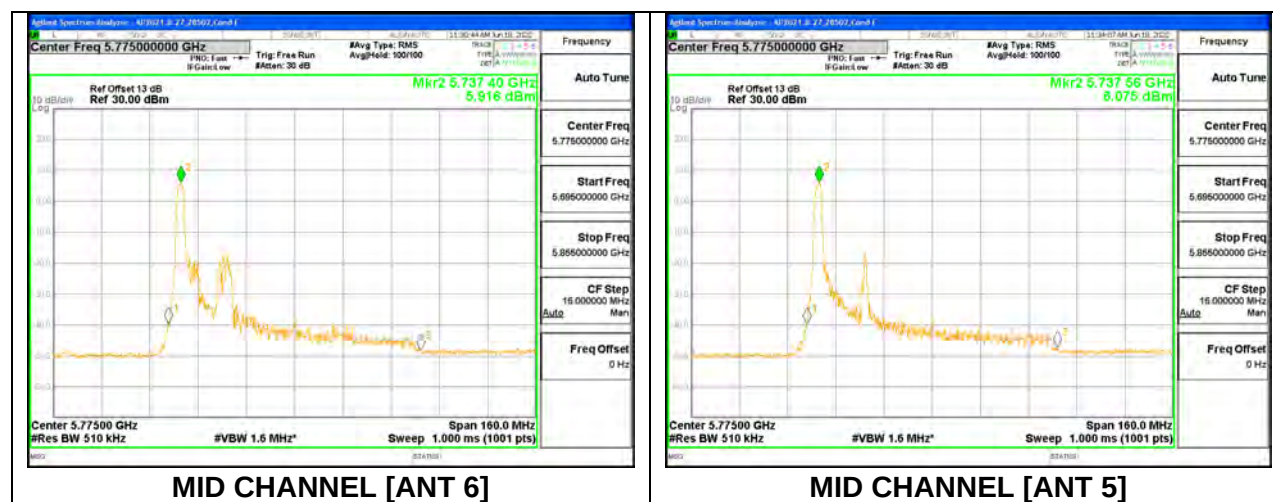
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.85	10.81	13.84	30.00	-16.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.916	6.075	9.007	30.00	-20.993



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

Test Engineer:	19172
Test Date:	3/29/2022

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	-0.84	2.17	30.00	30.00

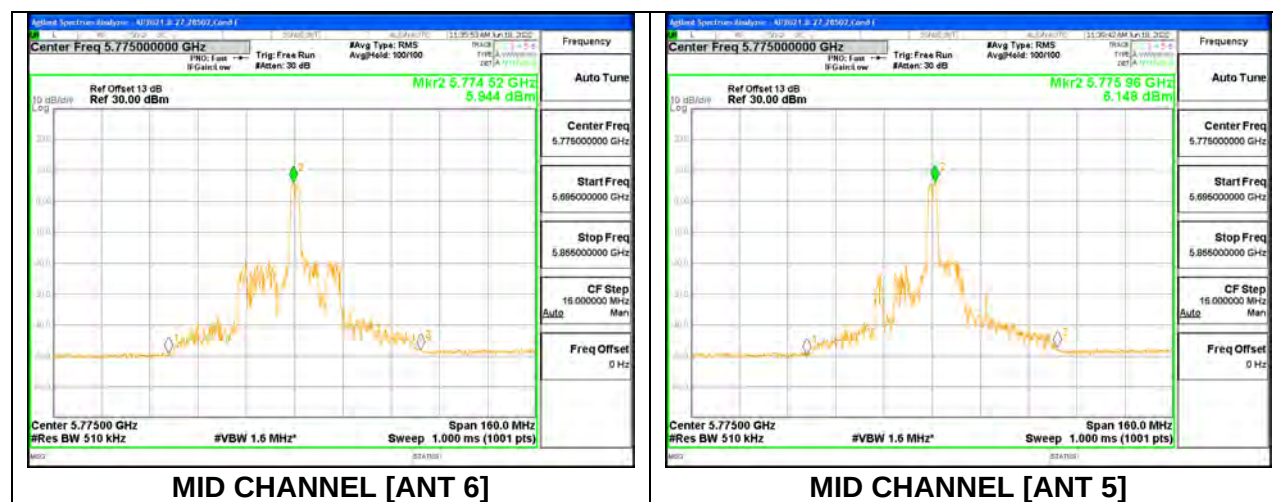
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.85	10.79	13.83	30.00	-16.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	5.944	6.148	9.057	30.00	-20.943



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

Test Engineer:	19172
Test Date:	3/29/2022

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	-0.84	2.17	30.00	30.00

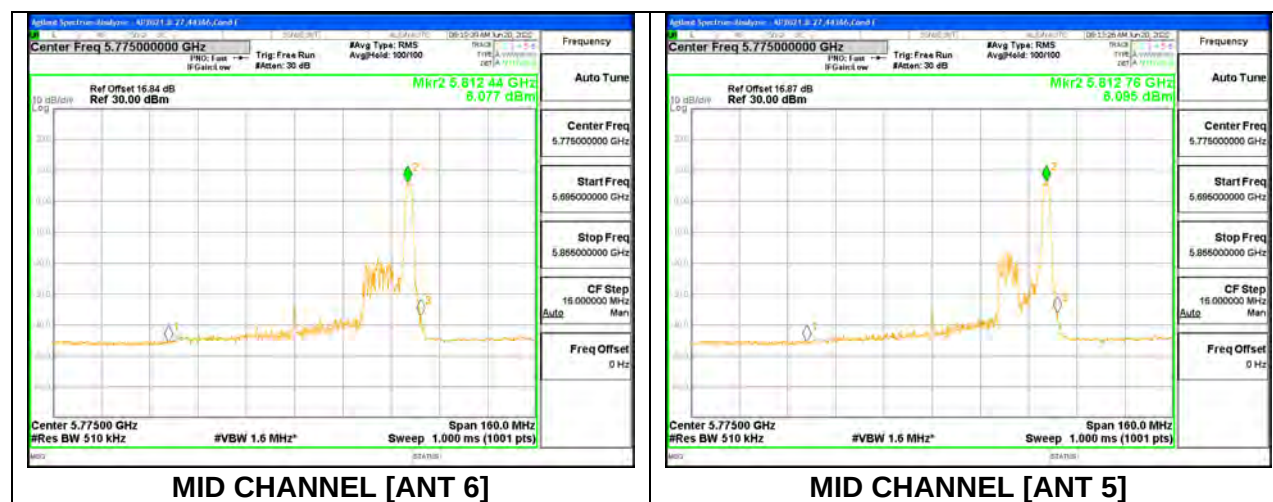
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	10.80	10.94	13.88	30.00	-16.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	6.077	6.095	9.096	30.00	-20.904



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

Test Engineer:	19172
Test Date:	3/23/2022

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	-0.84	2.17	30.00	30.00

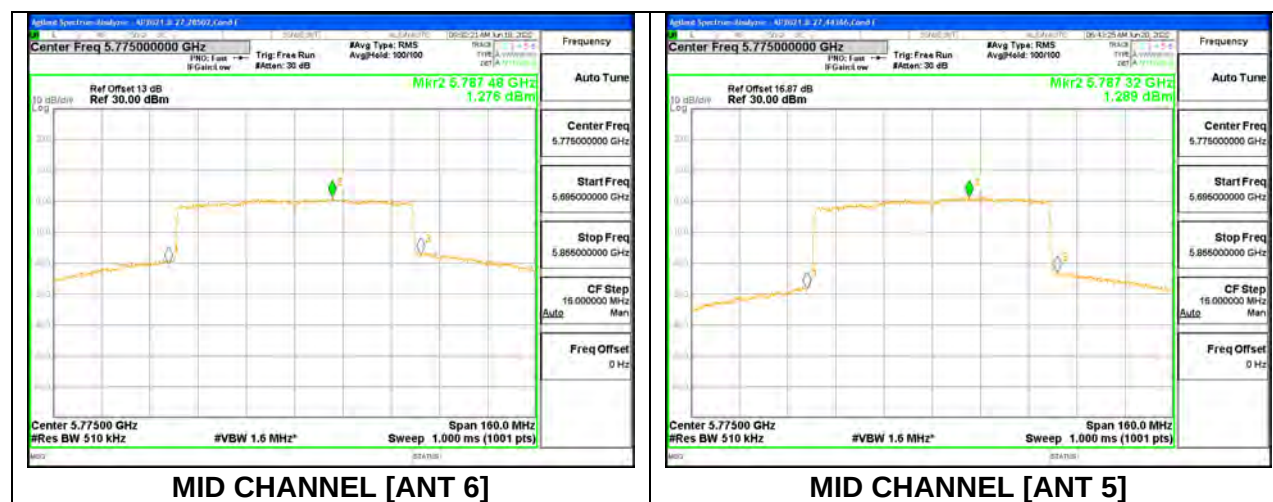
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.30	20.43	23.38	30.00	-6.62

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Mid	5775	1.276	1.289	4.553	30.00	-25.447



10. SETUP PHOTOS

Please refer to 14040683-EP1V1 for setup photos

END OF TEST REPORT