

9.4.16. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	32213
Test Date:	03/01/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	42.09	-4.50	24.00	11.00
Mid	5550	41.05	-4.50	24.00	11.00
High	5670	42.53	-4.50	24.00	11.00
142	5710	40.84	-4.50	24.00	11.00

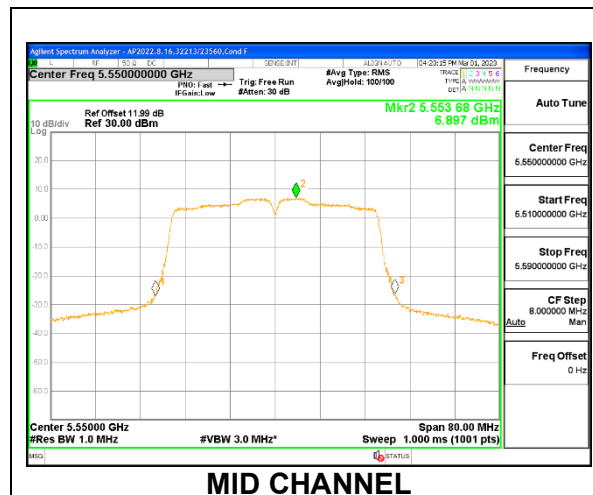
Duty Cycle CF (dB)	0.19	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.72	16.72	24.00	-7.28
Mid	5550	20.21	20.21	24.00	-3.79
High	5670	19.20	19.20	24.00	-4.80
142	5710	20.17	20.17	24.00	-3.83

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	4.001	4.191	11.00	-6.809
Mid	5550	6.897	7.087	11.00	-3.913
High	5670	5.916	6.106	11.00	-4.894
142	5710	6.939	7.129	11.00	-3.871



1TX Antenna 5 MODE (FCC)

Test Engineer:	32213
Test Date:	03/01/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.48	-3.70	24.00	11.00
Mid	5550	40.94	-3.70	24.00	11.00
High	5670	40.76	-3.70	24.00	11.00
142	5710	40.67	-3.70	24.00	11.00

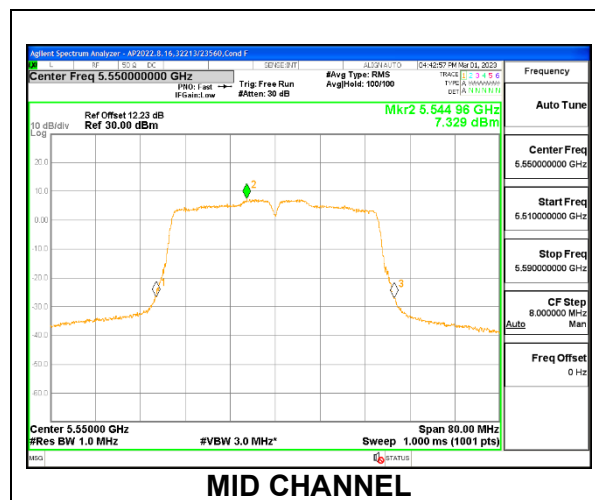
Duty Cycle CF (dB)	0.19	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.67	16.67	24.00	-7.33
Mid	5550	20.20	20.20	24.00	-3.80
High	5670	19.18	19.18	24.00	-4.82
142	5710	20.16	20.16	24.00	-3.84

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	3.679	3.869	11.00	-7.131
Mid	5550	7.329	7.519	11.00	-3.481
High	5670	5.627	5.817	11.00	-5.183
142	5710	7.021	7.211	11.00	-3.789



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

Test Engineer:	32213
Test Date:	03/01/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	40.82	-4.08	-1.08	24.00	11.00
Mid	5550	40.50	-4.08	-1.08	24.00	11.00
High	5670	41.71	-4.08	-1.08	24.00	11.00
142	5710	39.96	-4.08	-1.08	24.00	11.00

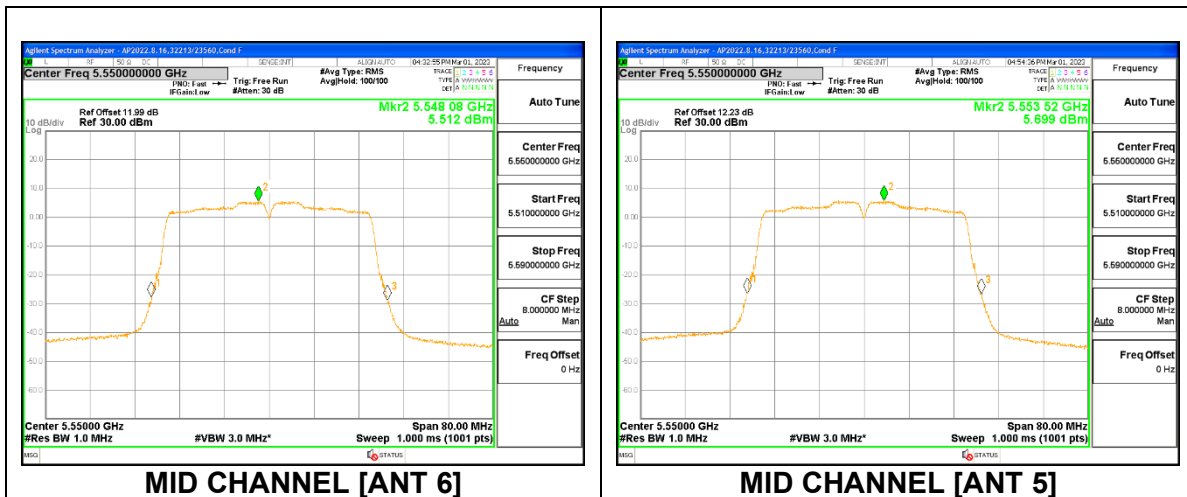
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
---------------------------	------	---

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	5510	15.73	15.74	18.75	24.00	-5.25
Mid	5550	18.70	18.75	21.74	24.00	-2.26
High	5670	18.66	18.64	21.66	24.00	-2.34
142	5710	18.69	18.72	21.72	24.00	-2.28

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	3.695	3.720	6.908	11.00	-4.09
Mid	5550	5.512	5.699	8.807	11.00	-2.19
High	5670	5.366	5.094	8.432	11.00	-2.57
142	5710	5.407	5.591	8.700	11.00	-2.30



9.4.17. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	32213
Test Date:	03/01/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	83.43	-4.50	24.00	11.00
High	5610	81.07	-4.50	24.00	11.00
138	5690	79.90	-4.50	24.00	11.00

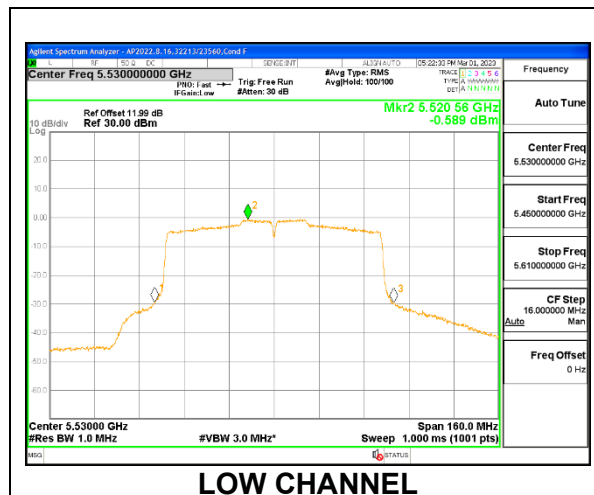
Duty Cycle CF (dB)	0.37	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.68	15.68	24.00	-8.32
High	5610	20.19	20.19	24.00	-3.81
138	5690	20.24	20.24	24.00	-3.76

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.589	-0.219	11.00	-11.219
High	5610	3.819	4.189	11.00	-6.811
138	5690	4.418	4.788	11.00	-6.212



1TX Antenna 5 MODE (FCC)

Test Engineer:	32213
Test Date:	03/01/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	84.66	-3.70	24.00	11.00
High	5610	83.73	-3.70	24.00	11.00
138	5690	80.78	-3.70	24.00	11.00

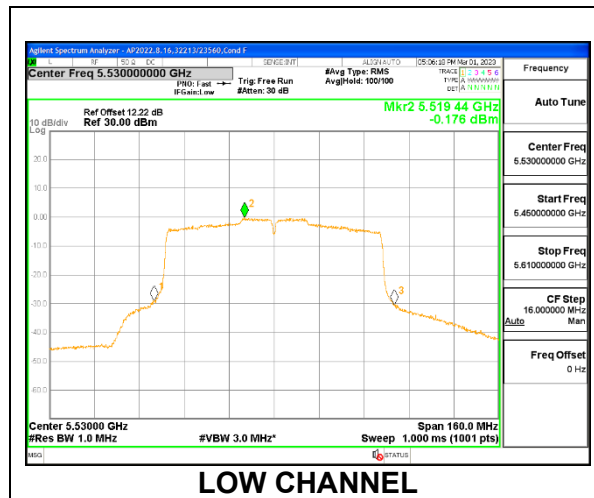
Duty Cycle CF (dB)	0.37	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.74	15.74	24.00	-8.26
High	5610	20.17	20.17	24.00	-3.83
138	5690	20.22	20.22	24.00	-3.78

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.176	0.197	11.00	-10.803
High	5610	3.879	4.252	11.00	-6.748
138	5690	4.172	4.545	11.00	-6.455



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

Test Engineer:	32213
Test Date:	03/01/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.39	-4.08	-1.08	24.00	11.00
High	5610	81.73	-4.08	-1.08	24.00	11.00
138	5690	80.11	-4.08	-1.08	24.00	11.00

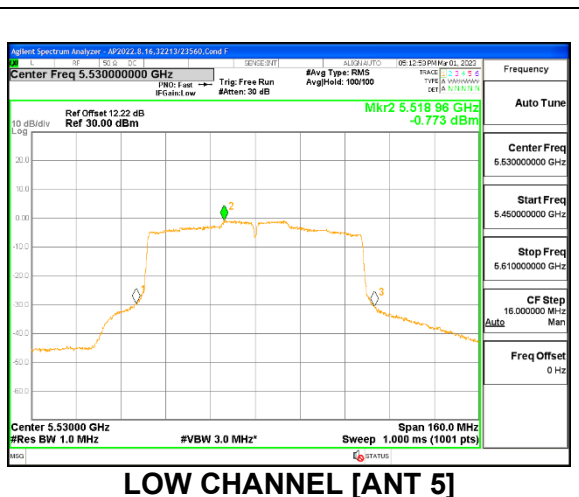
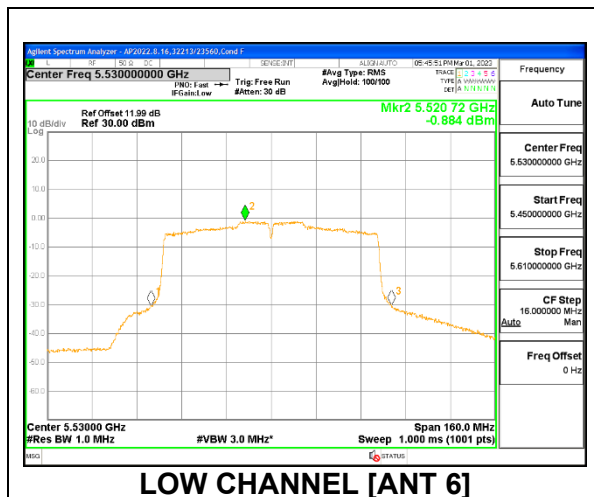
Duty Cycle CF (dB)	0.37	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	5530	14.98	15.00	18.00	24.00	-6.00
High	5610	19.69	19.66	22.69	24.00	-1.31
138	5690	19.74	19.69	22.73	24.00	-1.27

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.884	-0.773	2.552	11.00	-8.448
High	5610	3.530	3.240	6.768	11.00	-4.232
138	5690	3.928	3.365	7.036	11.00	-3.964



9.4.18. 802.11ac VHT160 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	32181
Test Date:	08/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	163.50	-4.50	24.00	11.00

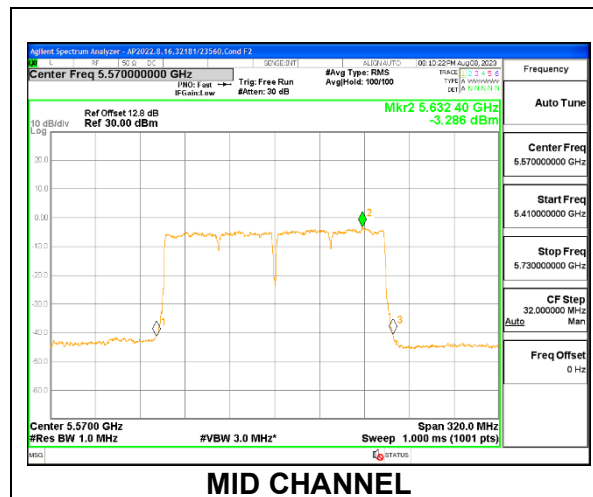
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	15.72	15.72	24.00	-8.28

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-3.286	-3.286	11.00	-14.286



1TX Antenna 5 MODE (FCC)

Test Engineer:	32181
Test Date:	08/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	163.30	-3.70	24.00	11.00

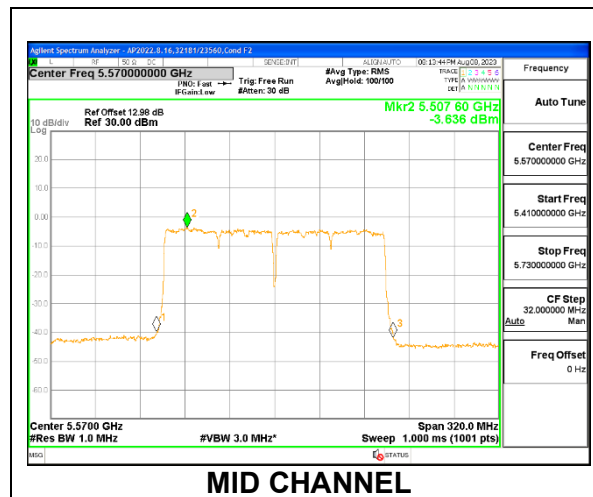
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	15.71	15.71	24.00	-8.29

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-3.636	-3.636	11.00	-14.636



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

Test Engineer:	27979
Test Date:	03/06/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	162.90	-4.08	-1.08	24.00	11.00

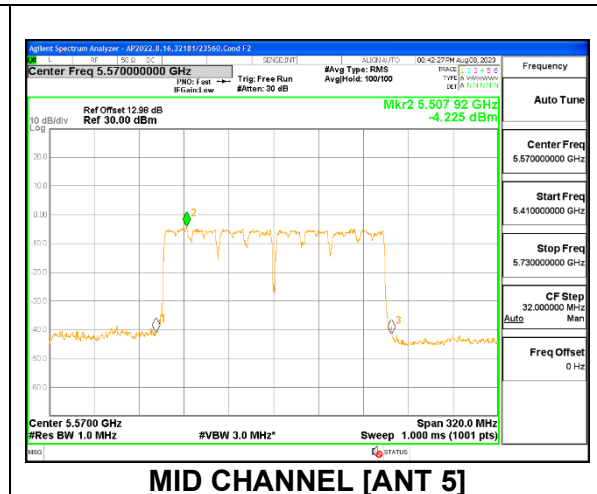
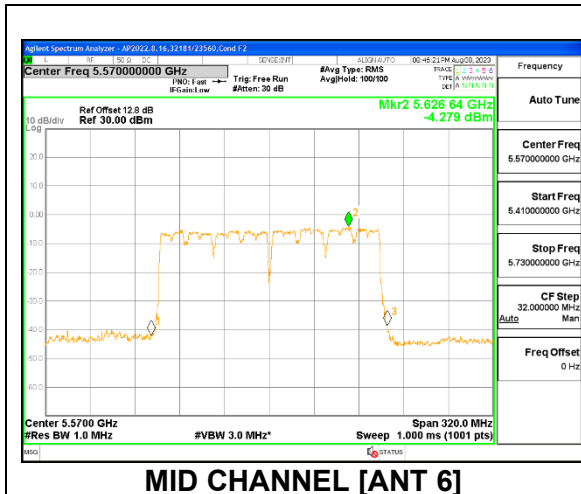
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	15.20	15.21	18.22	24.00	-5.78

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-4.279	-4.225	-1.242	11.00	-12.242



9.4.19. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	06/16/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.32	-4.50	24.00	11.00
Mid	5580	20.53	-4.50	24.00	11.00
High	5700	20.42	-4.50	24.00	11.00
144	5720	15.20	-4.50	22.82	11.00

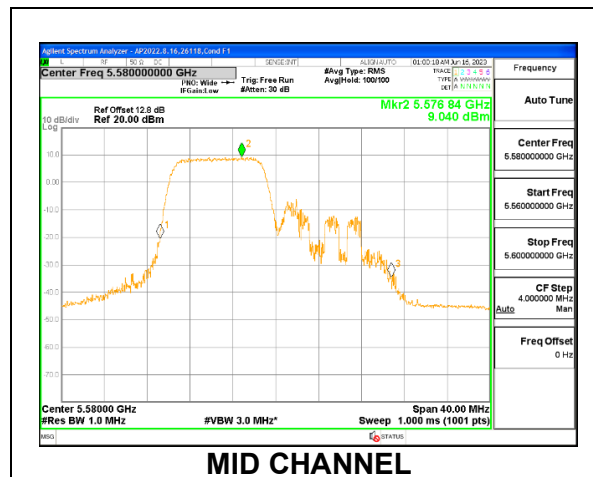
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.22	17.22	24.00	-6.78
Mid	5580	17.19	17.19	24.00	-6.81
High	5700	17.21	17.21	24.00	-6.79
144	5720	17.23	17.23	22.82	-5.59

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.226	9.226	11.00	-1.774
Mid	5580	9.040	9.040	11.00	-1.960
High	5700	9.005	9.005	11.00	-1.995
144	5720	9.115	9.115	11.00	-1.885



1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 54

Test Engineer:	26118
Test Date:	06/16/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.93	-4.50	24.00	11.00
Mid	5580	20.46	-4.50	24.00	11.00
High	5700	20.60	-4.50	24.00	11.00
144	5720	15.39	-4.50	22.87	11.00

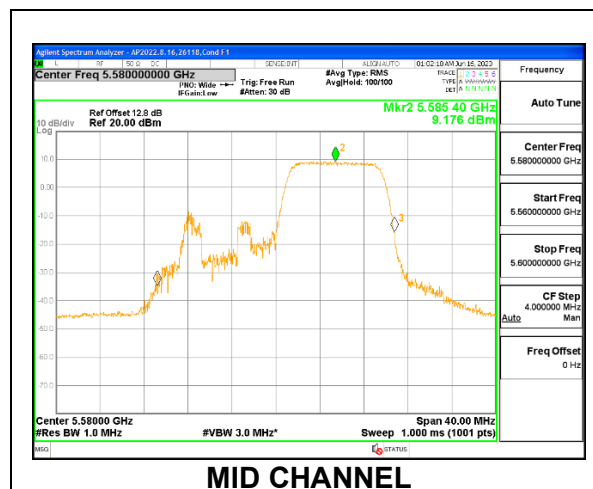
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.24	17.24	24.00	-6.76
Mid	5580	17.23	17.23	24.00	-6.77
High	5700	17.20	17.20	24.00	-6.80
144	5720	17.25	17.25	22.87	-5.62

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.181	9.181	11.00	-1.819
Mid	5580	9.176	9.176	11.00	-1.824
High	5700	9.094	9.094	11.00	-1.906
144	5720	9.660	9.660	11.00	-1.340



1TX Antenna 6 MODE (FCC): SU, Single User

Test Engineer:	32213
Test Date:	06/06/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.66	-4.50	24.00	11.00
Mid	5580	20.68	-4.50	24.00	11.00
High	5700	21.7	-4.50	24.00	11.00
144	5720	15.31	-4.50	22.85	11.00

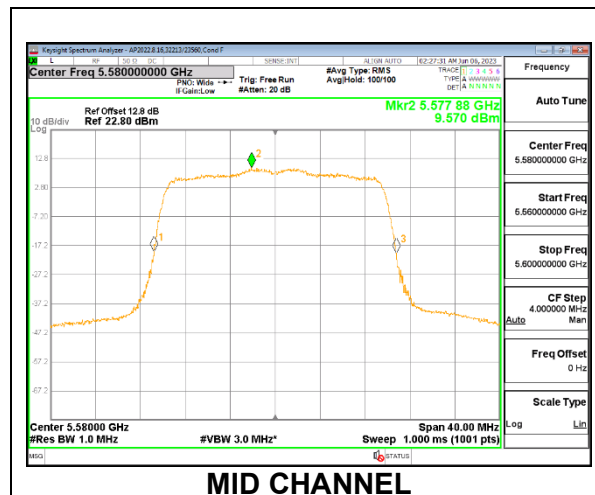
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.19	18.19	24.00	-5.81
Mid	5580	19.20	19.20	24.00	-4.80
High	5700	16.66	16.66	24.00	-7.34
144	5720	19.17	19.17	22.85	-3.68

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	7.856	7.856	11.00	-3.144
Mid	5580	9.570	9.570	11.00	-1.430
High	5700	6.752	6.752	11.00	-4.248
144	5720	9.131	9.131	11.00	-1.869



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	06/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.28	-3.70	24.00	11.00
Mid	5580	20.29	-3.70	24.00	11.00
High	5700	20.36	-3.70	24.00	11.00
144	5720	15.14	-3.70	22.80	11.00

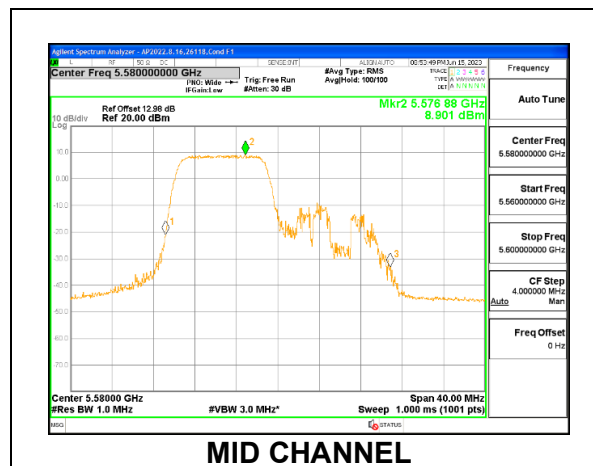
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.22	17.22	24.00	-6.78
Mid	5580	17.20	17.20	24.00	-6.80
High	5700	17.21	17.21	24.00	-6.79
144	5720	17.24	17.24	22.80	-5.56

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.155	9.155	11.00	-1.845
Mid	5580	8.901	8.901	11.00	-2.099
High	5700	8.971	8.971	11.00	-2.029
144	5720	9.392	9.392	11.00	-1.608



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 54

Test Engineer:	26118
Test Date:	06/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	21.13	-3.70	24.00	11.00
Mid	5580	20.52	-3.70	24.00	11.00
High	5700	20.62	-3.70	24.00	11.00
144	5720	15.34	-3.70	22.86	11.00

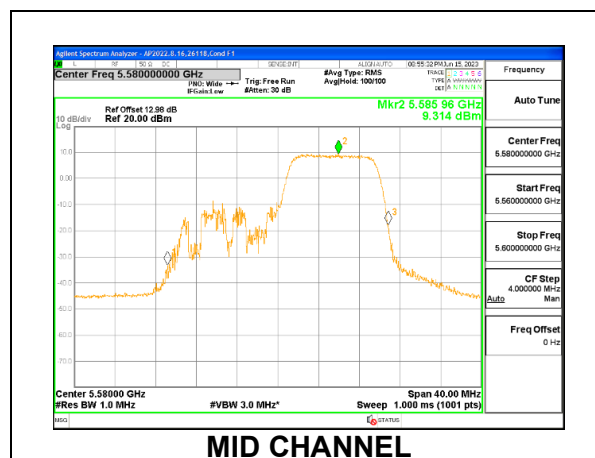
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.23	17.23	24.00	-6.77
Mid	5580	17.22	17.22	24.00	-6.78
High	5700	17.24	17.24	24.00	-6.76
144	5720	17.25	17.25	22.86	-5.61

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	9.528	9.528	11.00	-1.472
Mid	5580	9.314	9.314	11.00	-1.686
High	5700	9.397	9.397	11.00	-1.603
144	5720	9.723	9.723	11.00	-1.277



1TX Antenna 5 MODE (FCC): SU, Single User

Test Engineer:	32213
Test Date:	06/06/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.58	-3.70	24.00	11.00
Mid	5580	20.51	-3.70	24.00	11.00
High	5700	20.96	-3.70	24.00	11.00
144	5720	15.43	-3.70	22.88	11.00

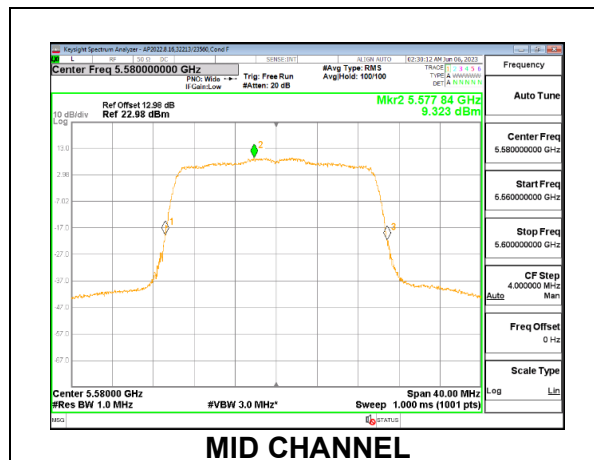
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.24	18.24	24.00	-5.76
Mid	5580	19.23	19.23	24.00	-4.77
High	5700	16.70	16.70	24.00	-7.30
144	5720	19.16	19.16	22.88	-3.72

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	8.045	8.045	11.00	-2.955
Mid	5580	9.323	9.323	11.00	-1.677
High	5700	6.911	6.911	11.00	-4.089
144	5720	9.023	9.023	11.00	-1.977



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.16	-4.08	-1.08	24.00	11.00
Mid	5580	20.31	-4.08	-1.08	24.00	11.00
High	5700	20.28	-4.08	-1.08	24.00	11.00
144	5720	15.10	-4.08	-1.08	22.79	11.00

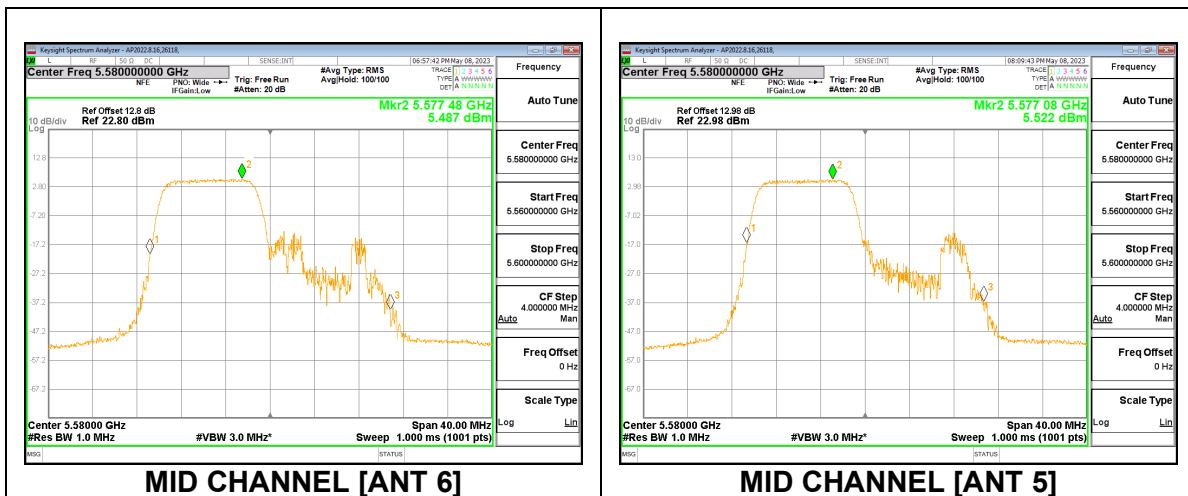
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.23	14.24	17.25	24.00	-6.75
Mid	5580	14.17	14.19	17.19	24.00	-6.81
High	5700	14.20	14.23	17.23	24.00	-6.77
144	5720	14.24	14.18	17.22	22.79	-5.57

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	5.864	5.991	8.94	11.00	-2.06
Mid	5580	5.487	5.522	8.51	11.00	-2.49
High	5700	5.640	5.905	8.78	11.00	-2.22
144	5720	6.047	5.866	8.97	11.00	-2.03



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 54

Test Engineer:	26118
Test Date:	05/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.64	-4.08	-1.08	24.00	11.00
Mid	5580	20.75	-4.08	-1.08	24.00	11.00
High	5700	20.57	-4.08	-1.08	24.00	11.00
144	5720	15.23	-4.08	-1.08	22.83	11.00

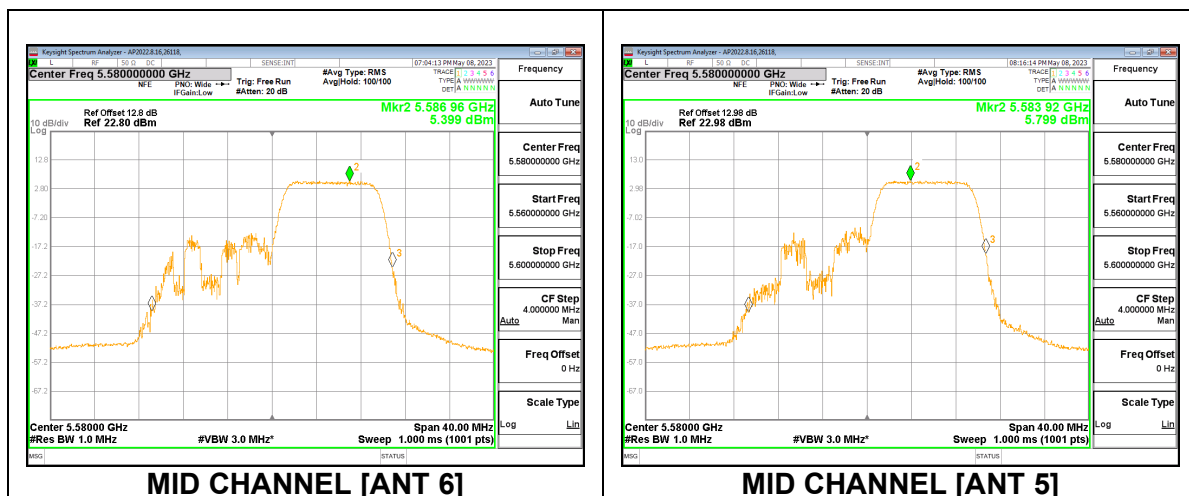
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.19	14.18	17.20	24.00	-6.80
Mid	5580	14.14	14.21	17.19	24.00	-6.81
High	5700	14.17	14.23	17.21	24.00	-6.79
144	5720	14.22	14.19	17.22	22.83	-5.61

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	5.702	5.694	8.71	11.00	-2.29
Mid	5580	5.399	5.799	8.61	11.00	-2.39
High	5700	5.768	5.931	8.86	11.00	-2.14
144	5720	6.118	5.713	8.93	11.00	-2.07



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): SU, Single User

Test Engineer:	32213
Test Date:	03/01/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5500	20.86	-4.08	-1.08	24.00	11.00
Mid	5580	20.69	-4.08	-1.08	24.00	11.00
High	5700	20.60	-4.08	-1.08	24.00	11.00
144	5720	15.46	-4.08	-1.08	22.89	11.00

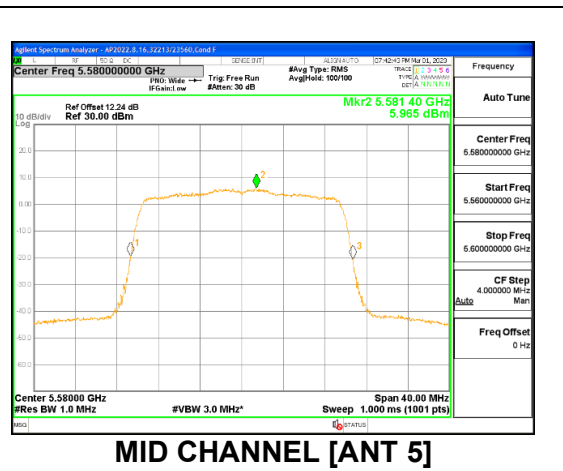
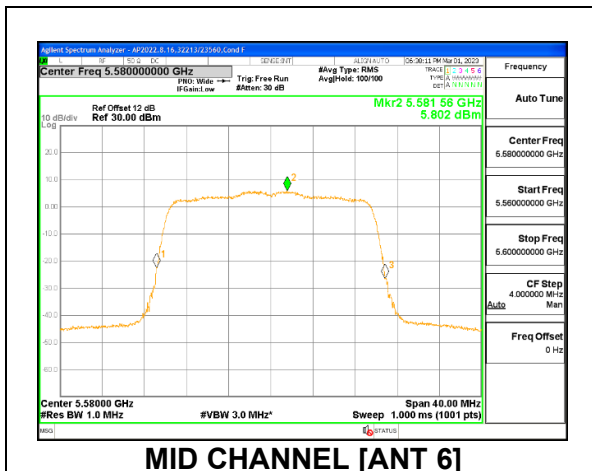
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.19	16.23	19.22	24.00	-4.78
Mid	5580	16.15	16.20	19.19	24.00	-4.81
High	5700	16.20	16.17	19.20	24.00	-4.80
144	5720	16.24	16.25	19.26	22.89	-3.64

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5500	6.043	6.213	9.14	11.00	-1.86
Mid	5580	5.802	5.965	8.89	11.00	-2.11
High	5700	6.175	5.824	9.01	11.00	-1.99
144	5720	6.238	6.434	9.35	11.00	-1.65



9.4.20. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	21.49	-4.50	24.00	11.00
Mid	5550	21.72	-4.50	24.00	11.00
High	5670	21.65	-4.50	24.00	11.00
142	5710	15.83	-4.50	22.99	11.00

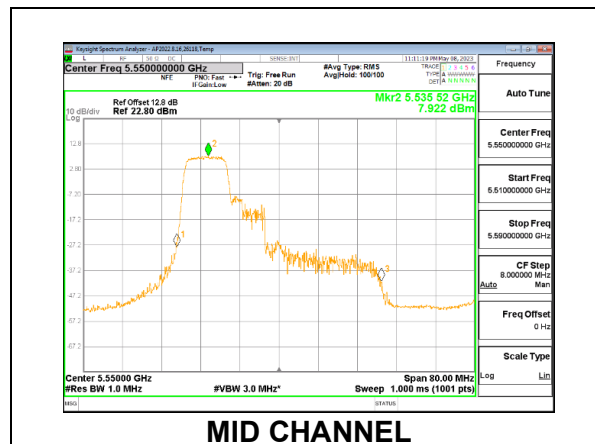
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.21	15.21	24.00	-8.79
Mid	5550	15.23	15.23	24.00	-8.77
High	5670	15.18	15.18	24.00	-8.82
142	5710	15.24	15.24	22.99	-7.75

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	6.819	6.819	11.00	-4.181
Mid	5550	7.922	7.922	11.00	-3.078
High	5670	7.784	7.784	11.00	-3.216
142	5710	7.975	7.975	11.00	-3.025



1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 54

Test Engineer:	26118
Test Date:	05/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	26.07	-4.50	24.00	11.00
Mid	5550	26.81	-4.50	24.00	11.00
High	5670	26.36	-4.50	24.00	11.00
142	5710	18.52	-4.50	23.68	11.00

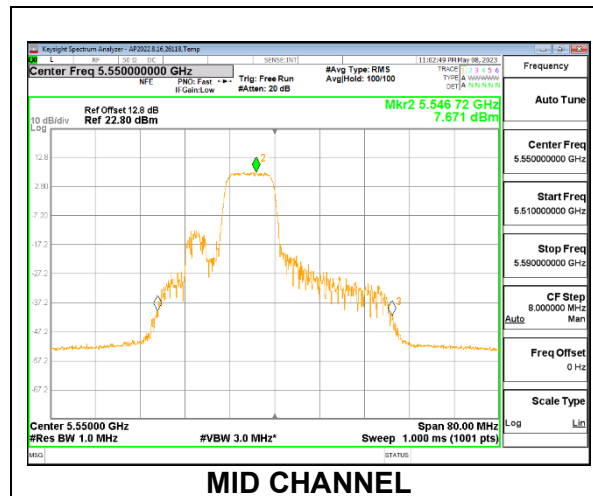
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.18	15.18	24.00	-8.82
Mid	5550	15.22	15.22	24.00	-8.78
High	5670	15.23	15.23	24.00	-8.77
142	5710	15.19	15.19	23.68	-8.49

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	7.097	7.097	11.00	-3.903
Mid	5550	7.671	7.671	11.00	-3.329
High	5670	8.234	8.234	11.00	-2.766
142	5710	7.735	7.735	11.00	-3.265



1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 56

Test Engineer:	26118
Test Date:	05/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	22.49	-4.50	24.00	11.00
Mid	5550	22.18	-4.50	24.00	11.00
High	5670	22.10	-4.50	24.00	11.00
142	5710	16.24	-4.50	23.10	11.00

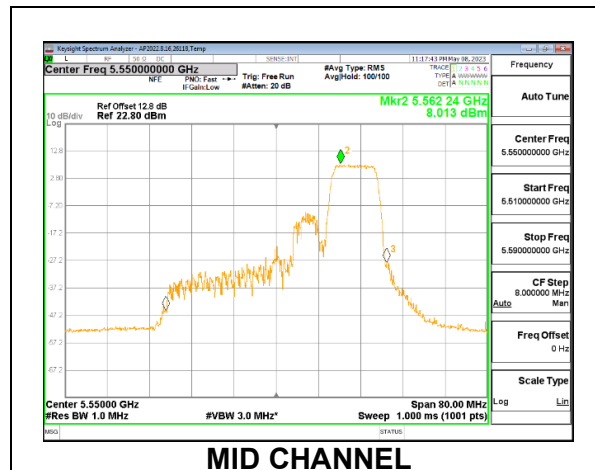
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.20	15.20	24.00	-8.80
Mid	5550	15.25	15.25	24.00	-8.75
High	5670	15.24	15.24	24.00	-8.76
142	5710	15.22	15.22	23.10	-7.88

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	7.262	7.262	11.00	-3.738
Mid	5550	8.013	8.013	11.00	-2.987
High	5670	7.913	7.913	11.00	-3.087
142	5710	7.751	7.751	11.00	-3.249



1TX Antenna 6 MODE (FCC): SU, Single User

Test Engineer:	32213
Test Date:	03/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	41.29	-4.50	24.00	11.00
Mid	5550	40.71	-4.50	24.00	11.00
High	5670	40.87	-4.50	24.00	11.00
142	5710	39.72	-4.50	24.00	11.00

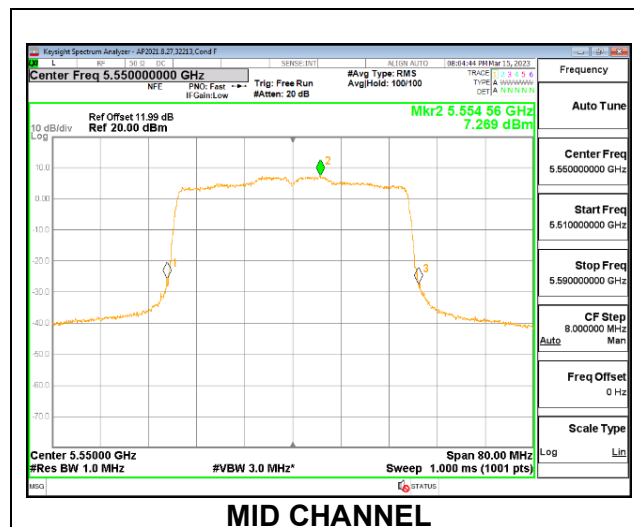
Duty Cycle CF (dB)	0.12	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.19	16.19	24.00	-7.81
Mid	5550	20.23	20.23	24.00	-3.77
High	5670	17.70	17.70	24.00	-6.30
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	3.270	3.390	11.00	-7.610
Mid	5550	7.269	7.389	11.00	-3.611
High	5670	4.212	4.332	11.00	-6.668
142	5710	7.154	7.274	11.00	-3.726



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	21.330	-3.70	24.00	11.00
Mid	5550	21.750	-3.70	24.00	11.00
High	5670	21.480	-3.70	24.00	11.00
142	5710	15.520	-3.70	22.91	11.00

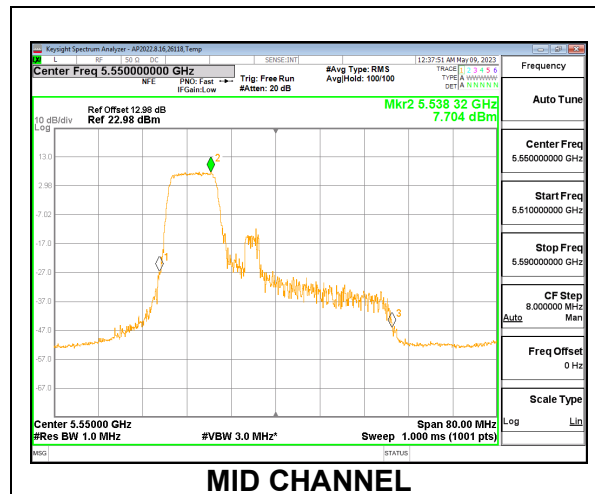
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.22	15.22	24.00	-8.78
Mid	5550	15.18	15.18	24.00	-8.82
High	5670	15.24	15.24	24.00	-8.76
142	5710	15.25	15.25	22.91	-7.66

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	6.692	6.692	11.00	-4.308
Mid	5550	7.704	7.704	11.00	-3.296
High	5670	8.120	8.120	11.00	-2.880
142	5710	8.266	8.266	11.00	-2.734



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 54

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	26.520	-3.70	24.00	11.00
Mid	5550	26.200	-3.70	24.00	11.00
High	5670	27.480	-3.70	24.00	11.00
142	5710	18.635	-3.70	23.70	11.00

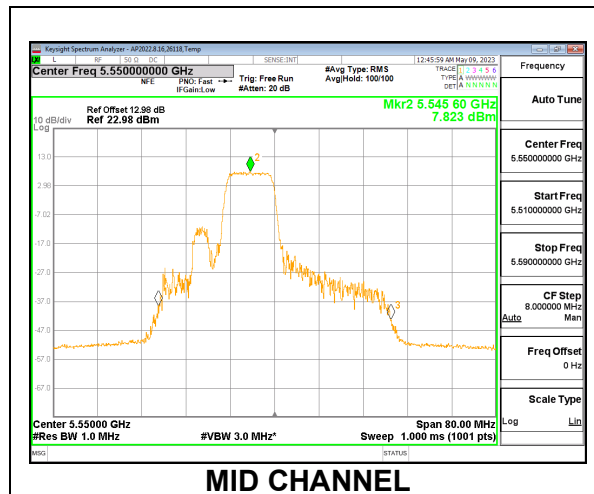
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.17	15.17	24.00	-8.83
Mid	5550	15.21	15.21	24.00	-8.79
High	5670	15.23	15.23	24.00	-8.77
142	5710	15.21	15.21	23.70	-8.49

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	7.082	7.082	11.00	-3.918
Mid	5550	7.823	7.823	11.00	-3.177
High	5670	8.140	8.140	11.00	-2.860
142	5710	8.279	8.279	11.00	-2.721



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 56

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	22.010	-3.70	24.00	11.00
Mid	5550	22.080	-3.70	24.00	11.00
High	5670	22.220	-3.70	24.00	11.00
142	5710	15.925	-3.70	23.02	11.00

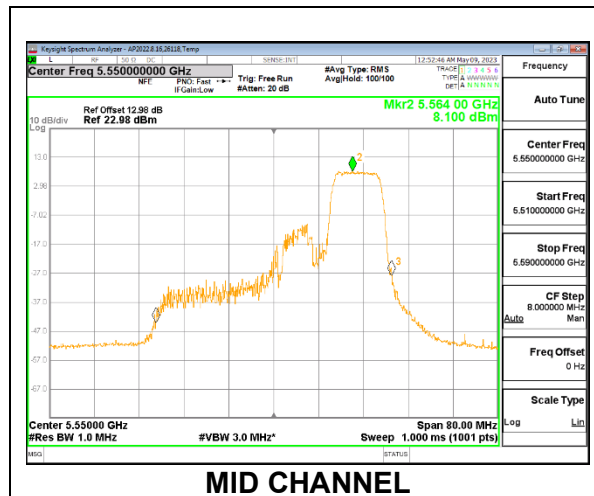
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.20	15.20	24.00	-8.80
Mid	5550	15.19	15.19	24.00	-8.81
High	5670	15.21	15.21	24.00	-8.79
142	5710	15.20	15.20	23.02	-7.82

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	5510	6.957	6.957	11.00	-4.043
Mid	5550	8.100	8.100	11.00	-2.900
High	5670	8.307	8.307	11.00	-2.693
142	5710	8.141	8.141	11.00	-2.859



1TX Antenna 5 MODE (FCC): SU, Single User

Test Engineer:	32213
Test Date:	03/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	42.32	-3.70	24.00	11.00
Mid	5550	40.11	-3.70	24.00	11.00
High	5670	40.75	-3.70	24.00	11.00
142	5710	40.12	-3.70	24.00	11.00

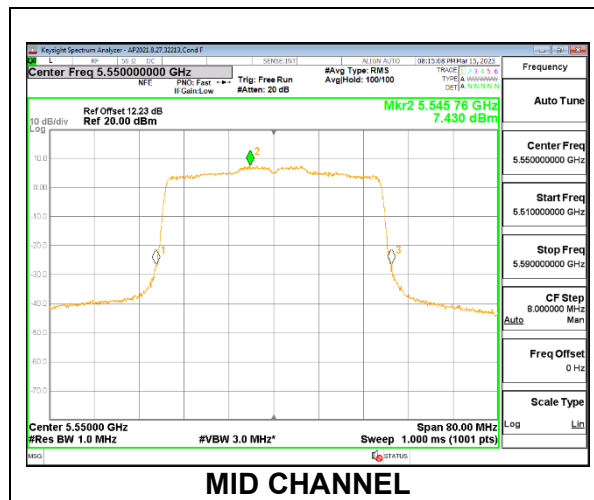
Duty Cycle CF (dB)	0.12	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.22	16.22	24.00	-7.78
Mid	5550	20.21	20.21	24.00	-3.79
High	5670	17.69	17.69	24.00	-6.31
142	5710	20.17	20.17	24.00	-3.83

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	3.695	3.815	11.00	-7.185
Mid	5550	7.430	7.550	11.00	-3.450
High	5670	4.581	4.701	11.00	-6.299
142	5710	7.160	7.280	11.00	-3.720



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	21.45	-4.08	-1.08	24.00	11.00
Mid	5550	21.00	-4.08	-1.08	24.00	11.00
High	5670	21.16	-4.08	-1.08	24.00	11.00
142	5710	15.59	-4.08	-1.08	22.93	11.00

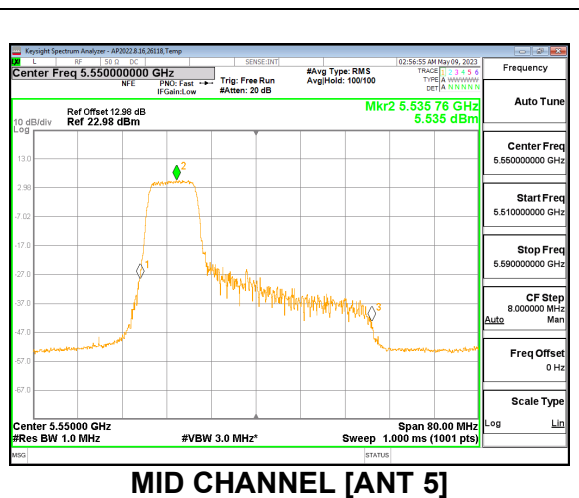
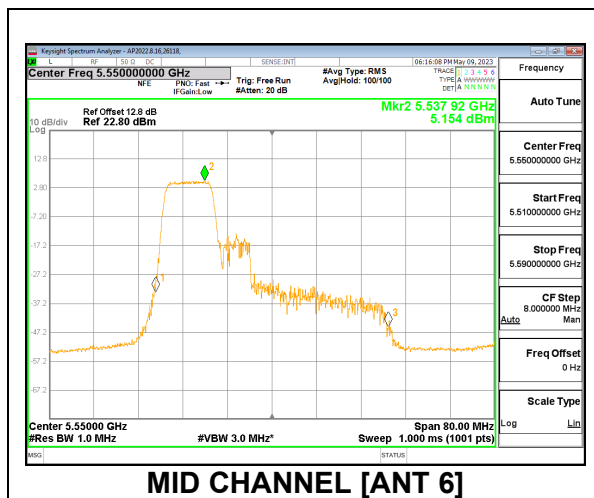
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.23	14.21	17.23	24.00	-6.77
Mid	5550	14.17	14.22	17.21	24.00	-6.79
High	5670	14.20	14.16	17.19	24.00	-6.81
142	5710	14.24	14.21	17.24	22.93	-5.69

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	5.604	5.461	8.543	11.00	-2.457
Mid	5550	5.154	5.535	8.359	11.00	-2.641
High	5670	5.256	5.110	8.194	11.00	-2.806
142	5710	5.677	5.298	8.502	11.00	-2.498



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 54

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	25.26	-4.08	-1.08	24.00	11.00
Mid	5550	26.03	-4.08	-1.08	24.00	11.00
High	5670	24.44	-4.08	-1.08	24.00	11.00
142	5710	17.52	-4.08	-1.08	23.44	11.00

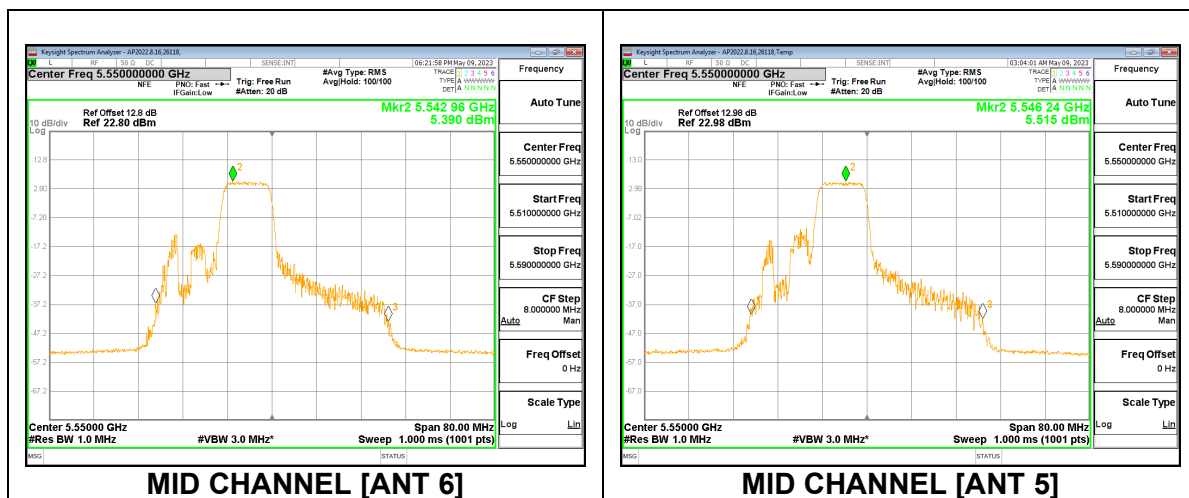
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.23	14.16	17.21	24.00	-6.79
Mid	5550	14.17	14.19	17.19	24.00	-6.81
High	5670	14.19	14.20	17.21	24.00	-6.79
142	5710	14.21	14.17	17.20	23.44	-6.23

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	5.948	5.562	8.770	11.00	-2.230
Mid	5550	5.390	5.515	8.463	11.00	-2.537
High	5670	5.551	5.678	8.625	11.00	-2.375
142	5710	5.650	5.376	8.525	11.00	-2.475



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 56

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	19.78	-4.08	-1.08	23.96	11.00
Mid	5550	21.08	-4.08	-1.08	24.00	11.00
High	5670	21.13	-4.08	-1.08	24.00	11.00
142	5710	15.65	-4.08	-1.08	22.95	11.00

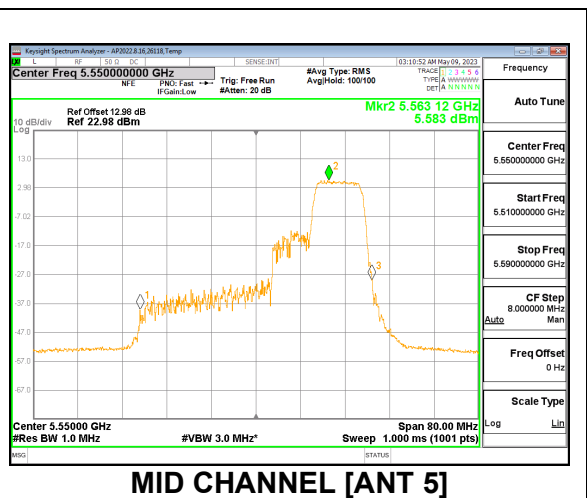
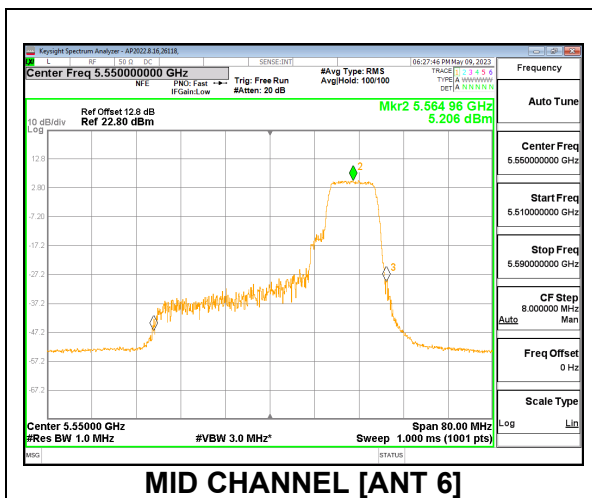
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.20	14.24	17.23	23.96	-6.73
Mid	5550	14.19	14.20	17.21	24.00	-6.79
High	5670	14.21	14.25	17.24	24.00	-6.76
142	5710	14.22	14.22	17.23	22.95	-5.71

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	5.494	5.623	8.569	11.00	-2.431
Mid	5550	5.206	5.583	8.409	11.00	-2.591
High	5670	5.375	5.720	8.561	11.00	-2.439
142	5710	5.514	5.541	8.538	11.00	-2.462



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): SU, Single User

Test Engineer:	32213
Test Date:	03/15/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5510	40.98	-4.08	-1.08	24.00	11.00
Mid	5550	39.93	-4.08	-1.08	24.00	11.00
High	5670	41.15	-4.08	-1.08	24.00	11.00
142	5710	39.91	-4.08	-1.08	24.00	11.00

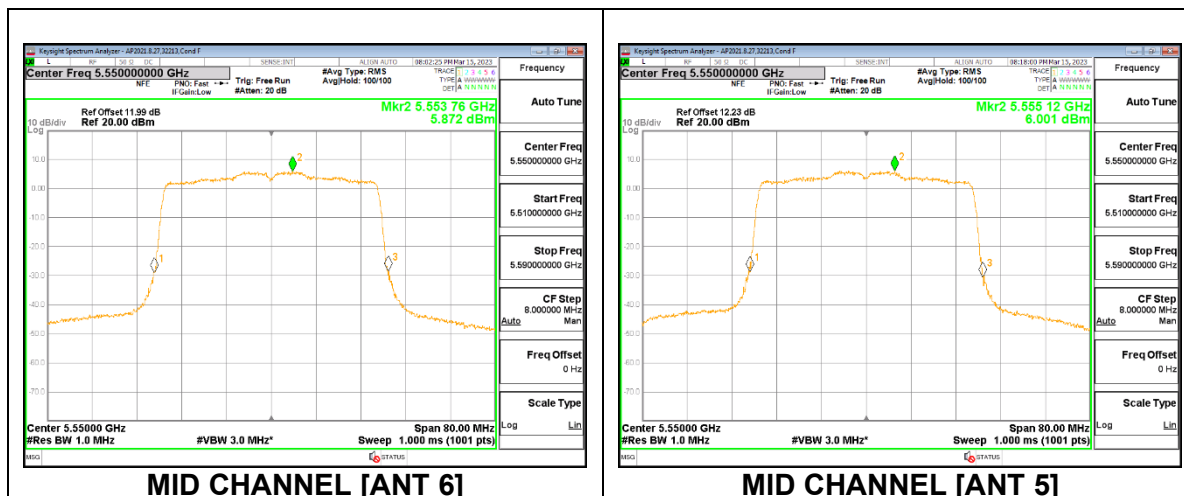
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	5510	15.71	15.72	18.73	24.00	-5.27
Mid	5550	18.69	18.73	21.72	24.00	-2.28
High	5670	17.19	17.21	20.21	24.00	-3.79
142	5710	18.70	18.71	21.72	24.00	-2.28

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5510	2.503	2.507	5.635	11.00	-5.365
Mid	5550	5.872	6.001	9.067	11.00	-1.933
High	5670	4.141	4.324	7.364	11.00	-3.636
142	5710	5.407	5.591	8.630	11.00	-2.370



9.4.21. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/24/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	20.080	-4.50	24.00	11.00
High	5610	20.340	-4.50	24.00	11.00
138	5690	20.050	-4.50	24.00	11.00

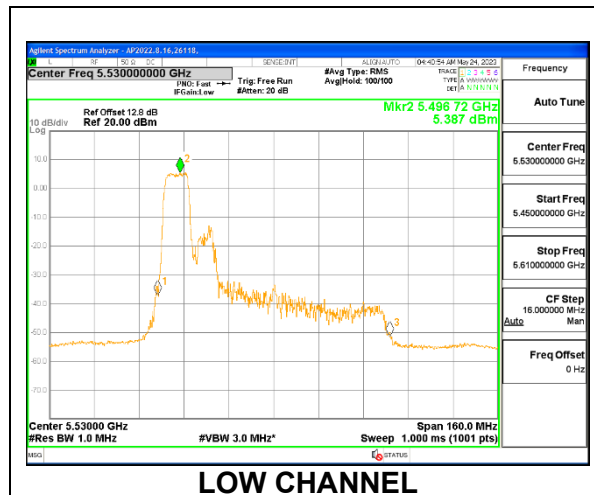
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.19	12.19	24.00	-11.81
High	5610	12.24	12.24	24.00	-11.76
138	5690	12.18	12.18	24.00	-11.82

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	5.387	5.387	11.00	-5.613
High	5610	7.802	7.802	11.00	-3.198
138	5690	7.549	7.549	11.00	-3.451



1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 56

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	23.280	-4.50	24.00	11.00
High	5610	25.660	-4.50	24.00	11.00
138	5690	24.780	-4.50	24.00	11.00

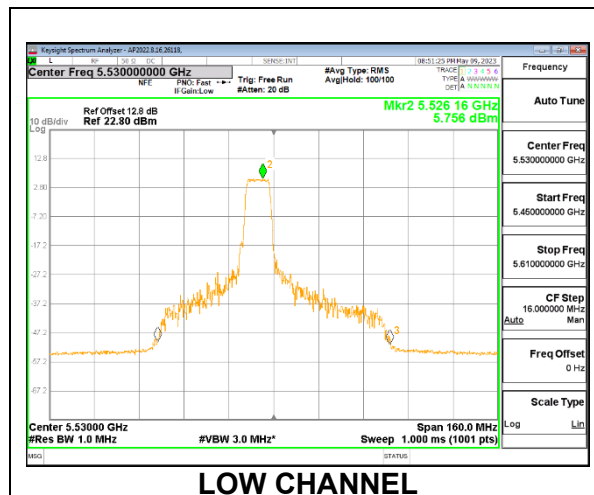
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.19	12.19	24.00	-11.81
High	5610	12.23	12.23	24.00	-11.77
138	5690	12.20	12.20	24.00	-11.80

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	5530	5.756	5.756	11.00	-5.244
High	5610	8.102	8.102	11.00	-2.898
138	5690	7.873	7.873	11.00	-3.127



1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 60

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	20.930	-4.50	24.00	11.00
High	5610	20.780	-4.50	24.00	11.00
138	5690	20.560	-4.50	24.00	11.00

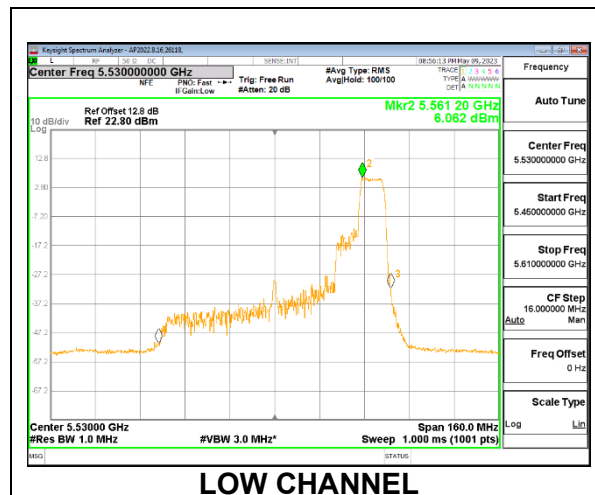
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.18	12.18	24.00	-11.82
High	5610	12.20	12.20	24.00	-11.80
138	5690	12.24	12.24	24.00	-11.76

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	6.062	6.062	11.00	-4.938
High	5610	7.702	7.702	11.00	-3.298
138	5690	8.019	8.019	11.00	-2.981



1TX Antenna 6 MODE (FCC): SU, Single User

Test Engineer:	27979
Test Date:	03/02/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	80.46	-4.50	24.00	11.00
High	5610	82.05	-4.50	24.00	11.00
138	5690	80.70	-4.50	24.00	11.00

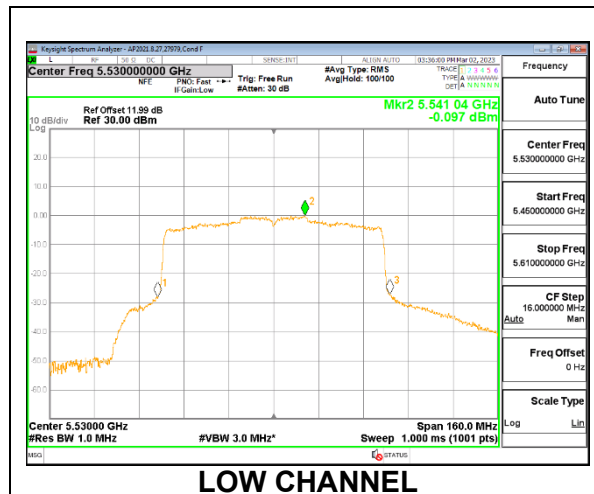
Duty Cycle CF (dB)	0.21	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.69	15.69	24.00	-8.31
High	5610	20.22	20.22	24.00	-3.78
138	5690	20.17	20.17	24.00	-3.83

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.097	0.113	11.00	-10.887
High	5610	4.335	4.545	11.00	-6.455
138	5690	4.113	4.323	11.00	-6.677



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.880	-3.70	23.98	11.00
High	5610	19.790	-3.70	23.96	11.00
138	5690	20.200	-3.70	24.00	11.00

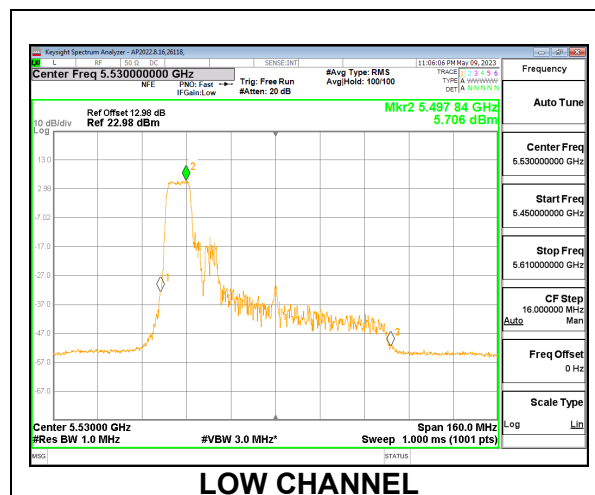
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.21	12.21	23.98	-11.77
High	5610	12.25	12.25	23.96	-11.71
138	5690	12.22	12.22	24.00	-11.78

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	5.706	5.706	11.00	-5.294
High	5610	7.958	7.958	11.00	-3.042
138	5690	7.908	7.908	11.00	-3.092



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 56

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	25.390	-3.70	24.00	11.00
High	5610	23.350	-3.70	24.00	11.00
138	5690	23.410	-3.70	24.00	11.00

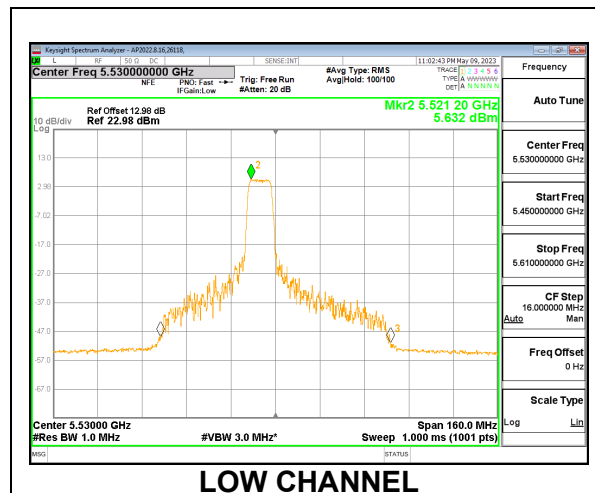
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.20	12.20	24.00	-11.80
High	5610	12.18	12.18	24.00	-11.82
138	5690	12.21	12.21	24.00	-11.79

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	5.632	5.632	11.00	-5.368
High	5610	7.873	7.873	11.00	-3.127
138	5690	8.109	8.109	11.00	-2.891



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 60

Test Engineer:	26118
Test Date:	05/09/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	21.580	-3.70	24.00	11.00
High	5610	21.350	-3.70	24.00	11.00
138	5690	21.150	-3.70	24.00	11.00

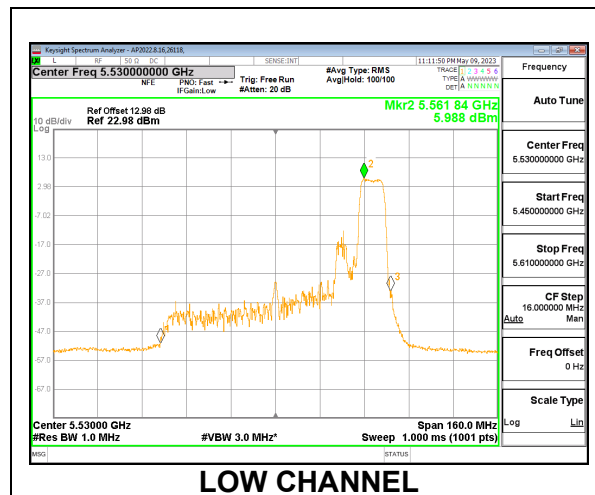
Duty Cycle CF (dB)	0.00	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.24	12.24	24.00	-11.76
High	5610	12.19	12.19	24.00	-11.81
138	5690	12.22	12.22	24.00	-11.78

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	5.988	5.988	11.00	-5.012
High	5610	7.692	7.692	11.00	-3.308
138	5690	8.292	8.292	11.00	-2.708



1TX Antenna 5 MODE (FCC): SU, Single User

Test Engineer:	27979
Test Date:	03/02/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.39	-3.70	24.00	11.00
High	5610	84.03	-3.70	24.00	11.00
138	5690	81.11	-3.70	24.00	11.00

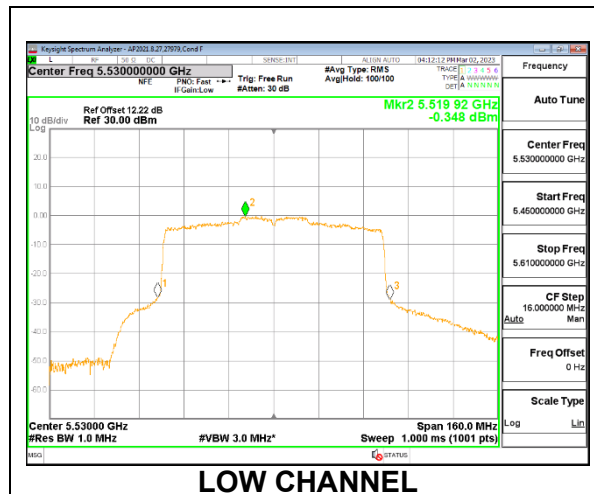
Duty Cycle CF (dB)	0.21	Included in Calculations Corr'd PSD
--------------------	------	-------------------------------------

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.72	15.72	24.00	-8.28
High	5610	20.22	20.22	24.00	-3.78
138	5690	20.19	20.19	24.00	-3.81

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.348	-0.138	11.00	-11.138
High	5610	4.582	4.792	11.00	-6.208
138	5690	4.135	4.345	11.00	-6.655



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	06/04/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.70	-4.08	-1.08	23.94	11.00
High	5610	19.96	-4.08	-1.08	24.00	11.00
138	5690	19.68	-4.08	-1.08	23.94	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 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.19	12.20	15.21	23.94	-8.74
High	5610	12.17	12.23	15.21	24.00	-8.79
138	5690	12.25	12.22	15.25	23.94	-8.69

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	5.680	5.843	8.773	11.00	-2.227
High	5610	6.585	6.436	9.521	11.00	-1.479
138	5690	6.611	6.787	9.710	11.00	-1.290



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 56

Test Engineer:	32213
Test Date:	06/05/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	20.41	-4.08	-1.08	24.00	11.00
High	5610	21.21	-4.08	-1.08	24.00	11.00
138	5690	21.96	-4.08	-1.08	24.00	11.00

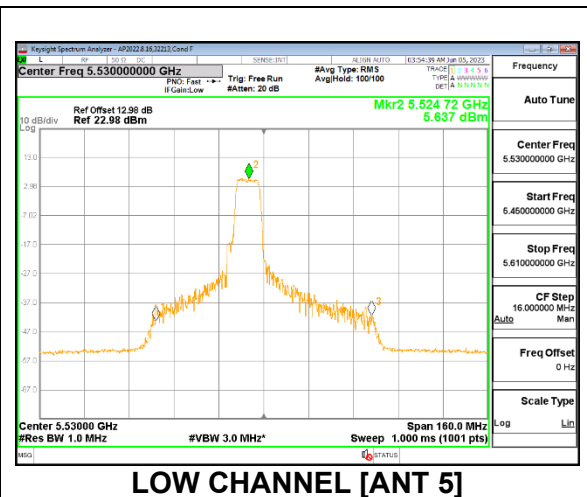
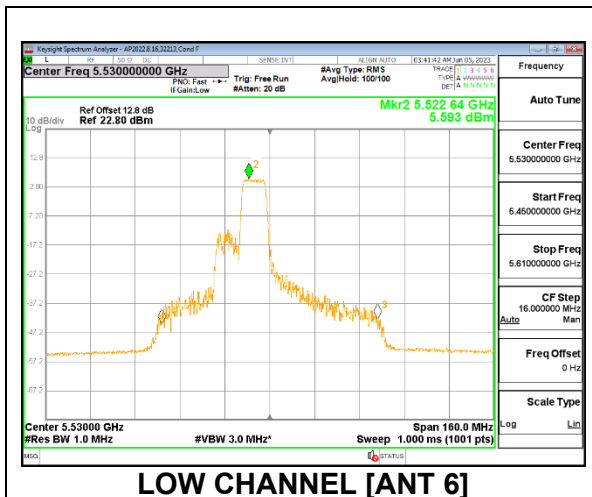
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.16	12.21	15.20	24.00	-8.80
High	5610	12.19	12.24	15.23	24.00	-8.77
138	5690	12.23	12.20	15.23	24.00	-8.77

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	5.593	5.637	8.625	11.00	-2.375
High	5610	6.441	6.434	9.448	11.00	-1.552
138	5690	6.172	6.073	9.133	11.00	-1.867



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 60

Test Engineer:	32213
Test Date:	06/05/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	19.65	-4.08	-1.08	23.93	11.00
High	5610	19.47	-4.08	-1.08	23.89	11.00
138	5690	19.35	-4.08	-1.08	23.87	11.00

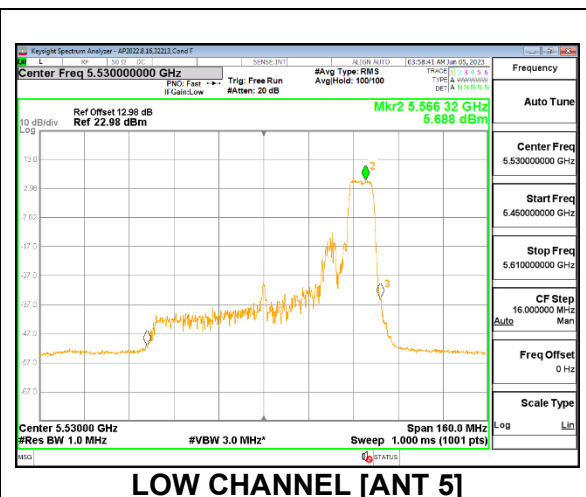
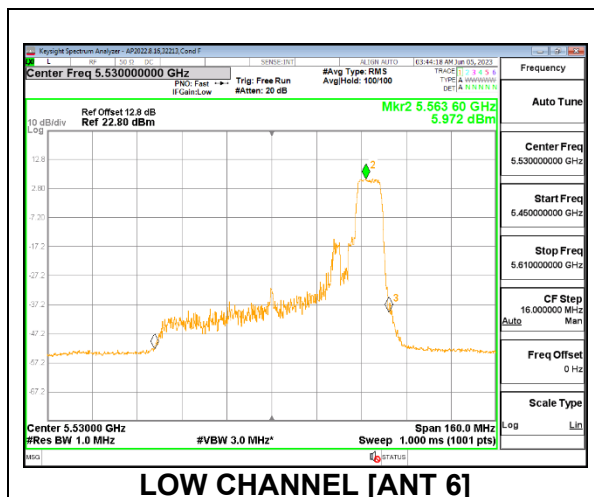
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.20	12.25	15.24	23.93	-8.70
High	5610	12.24	12.22	15.24	23.89	-8.65
138	5690	12.23	12.25	15.25	23.87	-8.62

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	5.972	5.688	8.843	11.00	-2.157
High	5610	6.415	6.679	9.559	11.00	-1.441
138	5690	6.249	6.132	9.201	11.00	-1.799



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): SU, Single User

Test Engineer:	27979
Test Date:	03/03/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5530	81.00	-4.08	-1.08	24.00	11.00
High	5610	80.41	-4.08	-1.08	24.00	11.00
138	5690	80.36	-4.08	-1.08	24.00	11.00

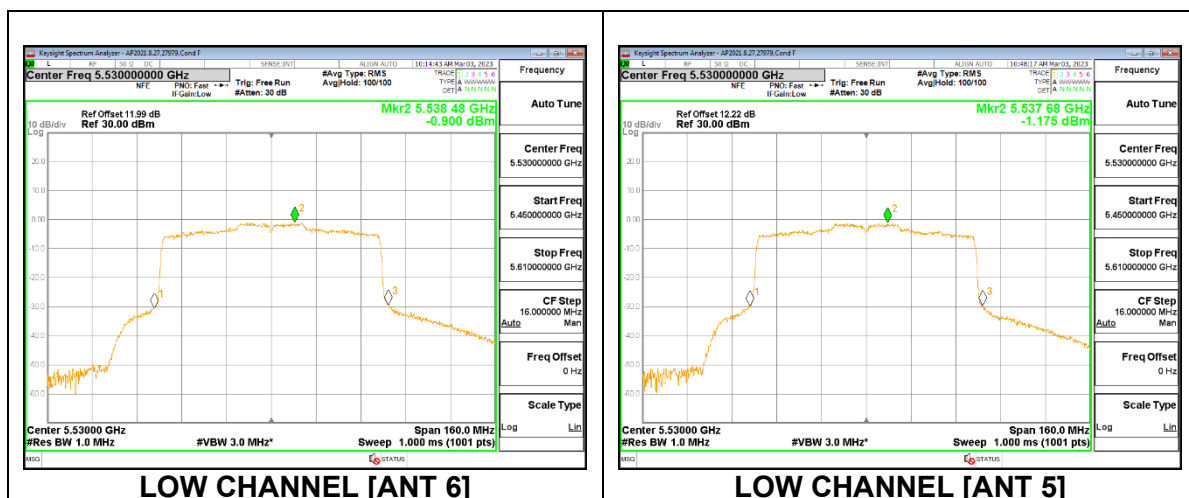
Duty Cycle CF (dB)	0.21	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	5530	14.72	14.70	17.72	24.00	-6.28
High	5610	19.69	19.71	22.71	24.00	-1.29
138	5690	19.70	19.65	22.69	24.00	-1.31

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5530	-0.900	-1.175	2.185	11.00	-8.815
High	5610	3.976	3.992	7.204	11.00	-3.796
138	5690	3.928	3.365	6.876	11.00	-4.124



9.4.22. 802.11ax HE160 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	21.22	-4.50	24.00	11.00

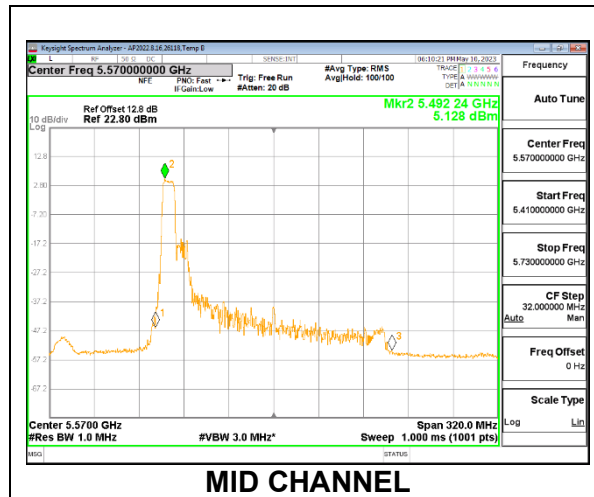
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.21	9.21	24.00	-14.79

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	5570	5.128	5.13	11.00	-5.87



1TX Antenna 6 MODE (FCC): 106-Tone, RU Index 60

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	23.90	-4.50	24.00	11.00

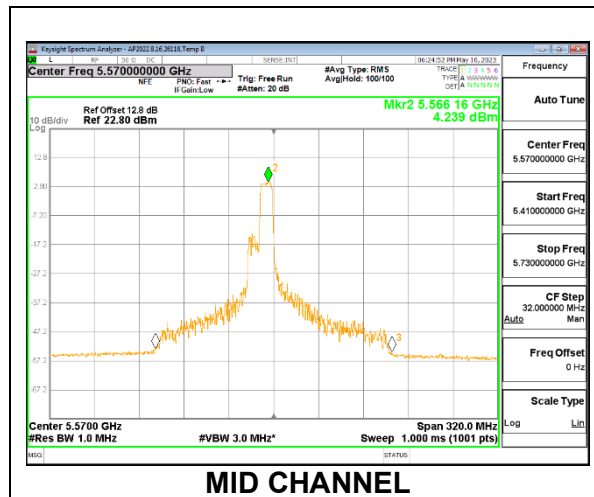
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.17	9.17	24.00	-14.83

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	5570	4.239	4.24	11.00	-6.76



1TX Antenna 6 MODE (FCC): 106-Tone, RU Index S60

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	22.04	-4.50	24.00	11.00

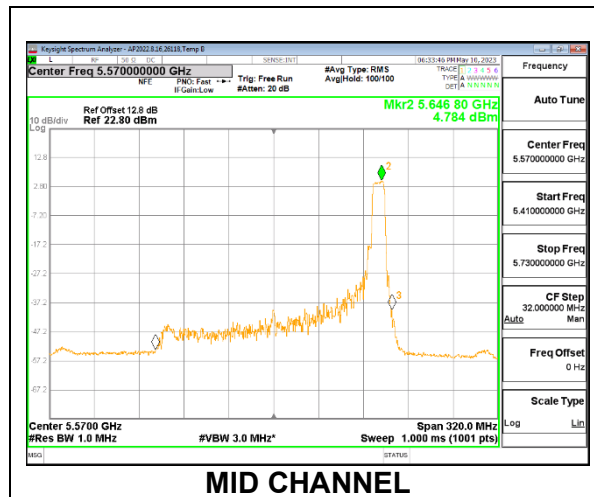
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.20	9.20	24.00	-14.80

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	4.784	4.78	11.00	-6.22



1TX Antenna 6 MODE (FCC): SU, Single User

Test Engineer:	32181
Test Date:	08/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	163.30	-4.50	24.00	11.00

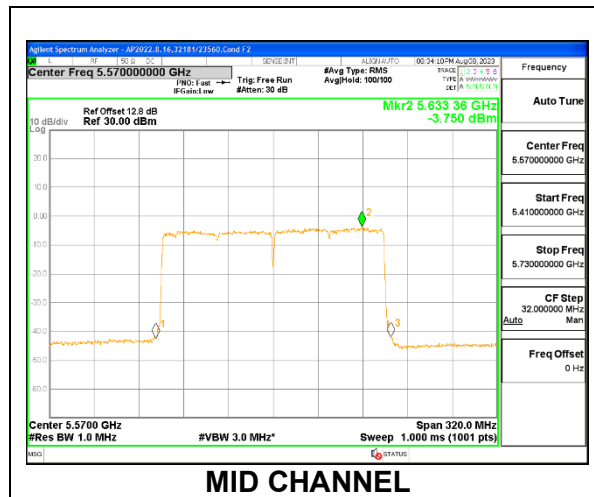
Duty Cycle CF (dB)	0.38	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	15.69	15.69	24.00	-8.31

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-3.750	-3.37	11.00	-14.37



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	21.56	-3.70	24.00	11.00

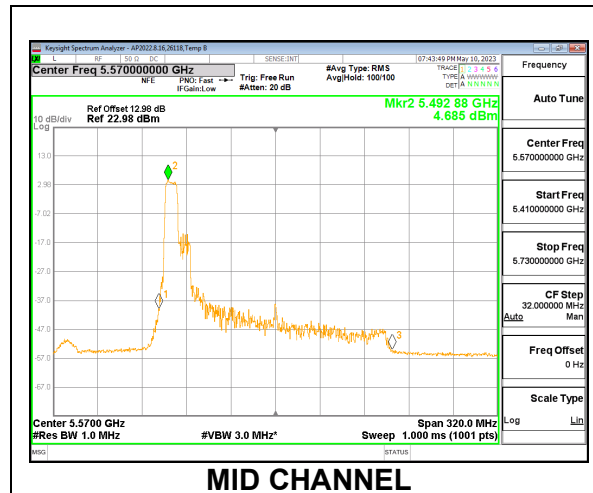
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.21	9.21	24.00	-14.79

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	4.685	4.69	11.00	-6.32



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index 60

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	24.93	-3.70	24.00	11.00

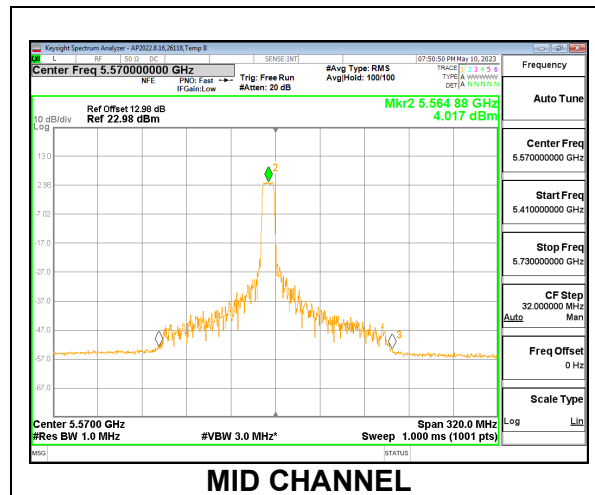
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.22	9.22	24.00	-14.78

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	4.017	4.02	11.00	-6.98



1TX Antenna 5 MODE (FCC): 106-Tone, RU Index S60

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	22.27	-3.70	24.00	11.00

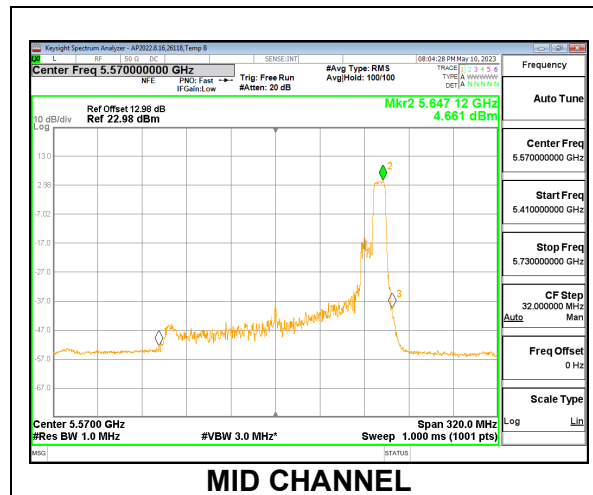
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.19	9.19	24.00	-14.81

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	4.661	4.66	11.00	-6.34



1TX Antenna 5 MODE (FCC): SU, Single User

Test Engineer:	32181
Test Date:	08/08/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	163.10	-3.70	24.00	11.00

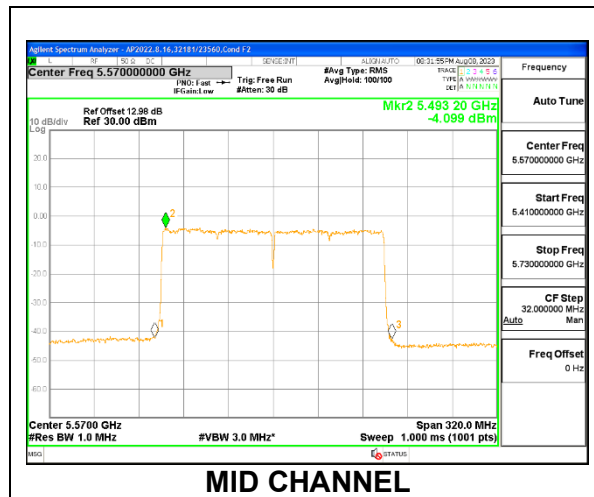
Duty Cycle CF (dB)	0.38	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	15.68	15.68	24.00	-8.32

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-4.099	-3.719	11.00	-14.72



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 53

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	20.700	-4.08	-1.08	24.00	11.00

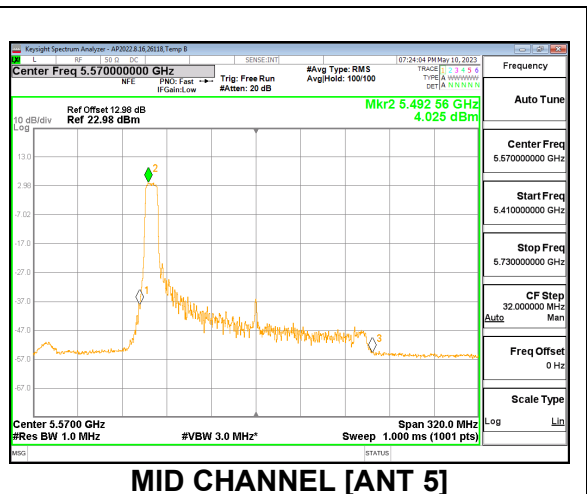
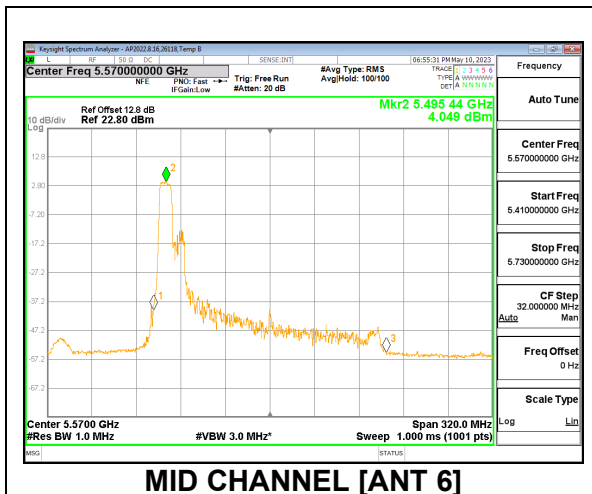
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.22	9.20	12.22	24.00	-11.78

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	4.049	4.025	7.05	11.00	-3.95



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index 60

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	22.580	-4.08	-1.08	24.00	11.00

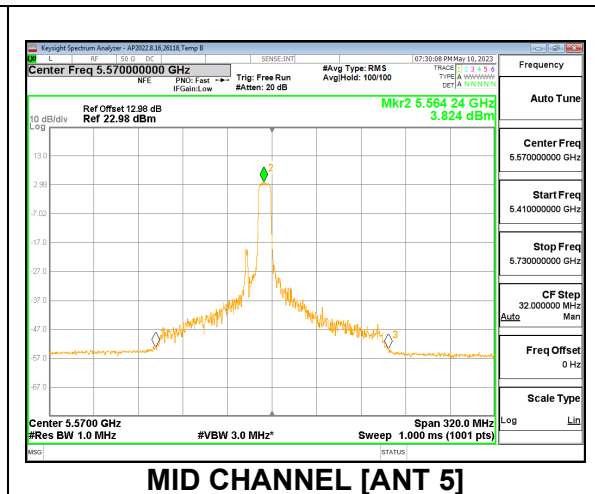
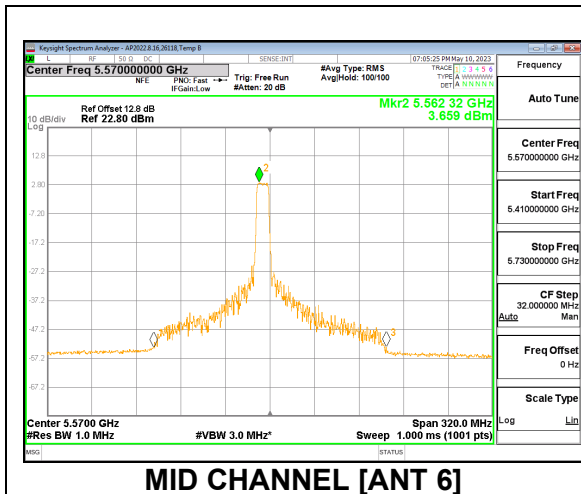
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.20	9.22	12.22	24.00	-11.78

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	3.659	3.824	6.75	11.00	-4.25



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): 106-Tone, RU Index S60

Test Engineer:	26118
Test Date:	05/10/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	20.290	-4.08	-1.08	24.00	11.00

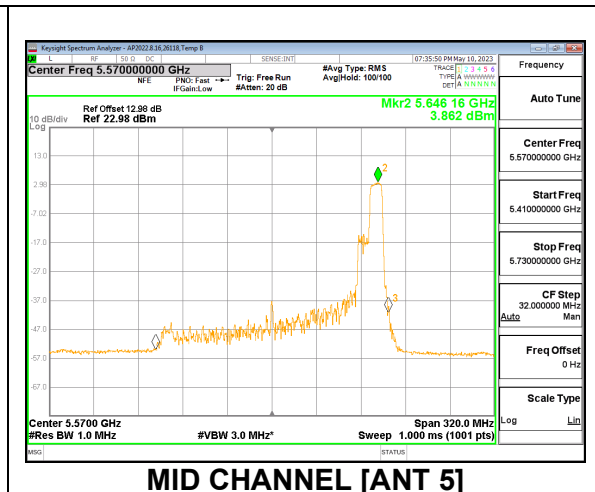
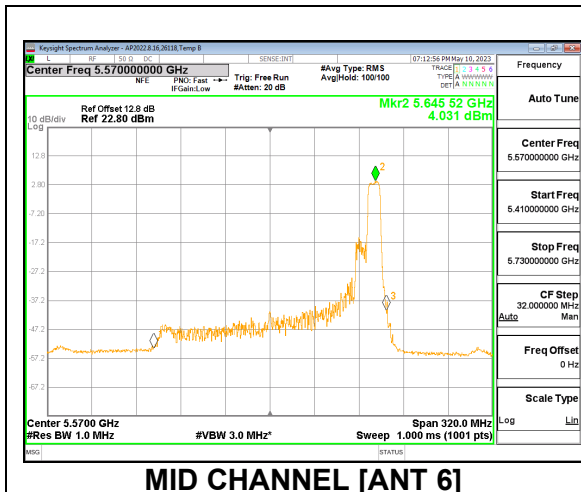
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.25	9.21	12.24	24.00	-11.76

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	4.031	3.862	6.96	11.00	-4.04



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC): SU, Single User

Test Engineer:	32213
Test Date:	03/16/2023

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	162.400	-4.08	-1.08	24.00	11.00

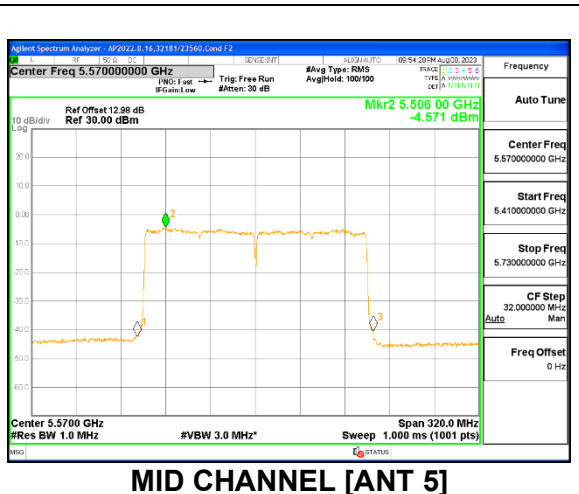
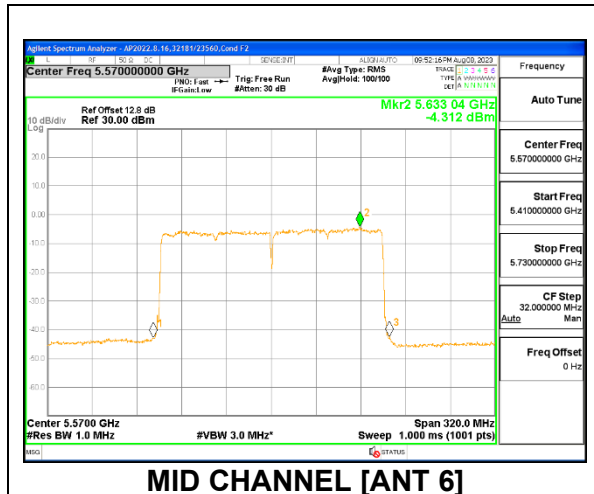
Duty Cycle CF (dB)	0.38	Included in Calculations of Corr'd PSD
--------------------	------	--

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)
Mid	5570	15.21	15.20	18.22	24.00	-5.78

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-4.312	-4.571	-1.049	11.00	-12.05



9.4.23. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00

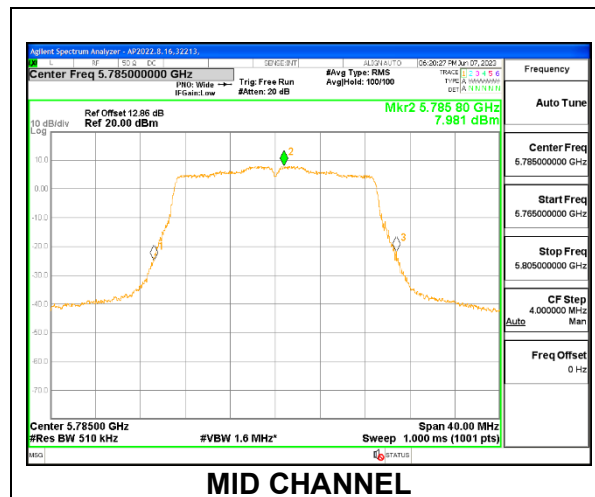
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	20.74	20.74	30.00	-9.26
Mid	5785	20.70	20.70	30.00	-9.30
High	5825	20.71	20.71	30.00	-9.29

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	8.171	8.351	30.00	-21.65
Mid	5785	7.981	8.161	30.00	-21.84
High	5825	7.996	8.176	30.00	-21.82



1TX Antenna 5 MODE (FCC)

Test Engineer:	19336
Test Date:	02/22/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.60	30.00	30.00
Mid	5785	-3.60	30.00	30.00
High	5825	-3.60	30.00	30.00

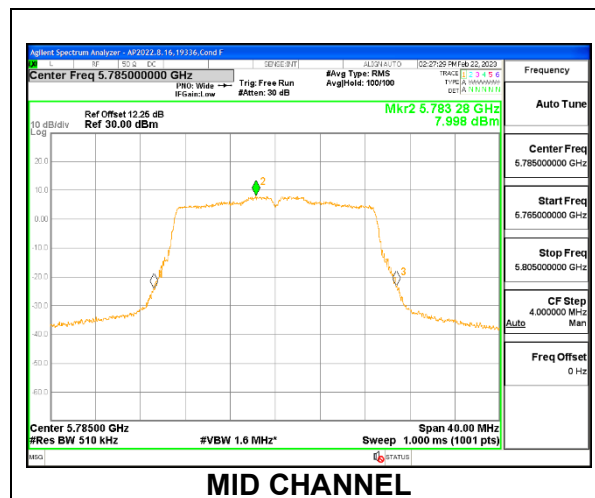
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	20.73	20.73	30.00	-9.27
Mid	5785	20.75	20.75	30.00	-9.25
High	5825	20.70	20.70	30.00	-9.30

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	8.178	8.358	30.00	-21.64
Mid	5785	7.998	8.178	30.00	-21.82
High	5825	7.857	8.037	30.00	-21.96



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

Test Engineer:	32213
Test Date:	06/07/2023

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	-4.33	-1.35	30.00	30.00
Mid	5785	-4.33	-1.35	30.00	30.00
High	5825	-4.33	-1.35	30.00	30.00

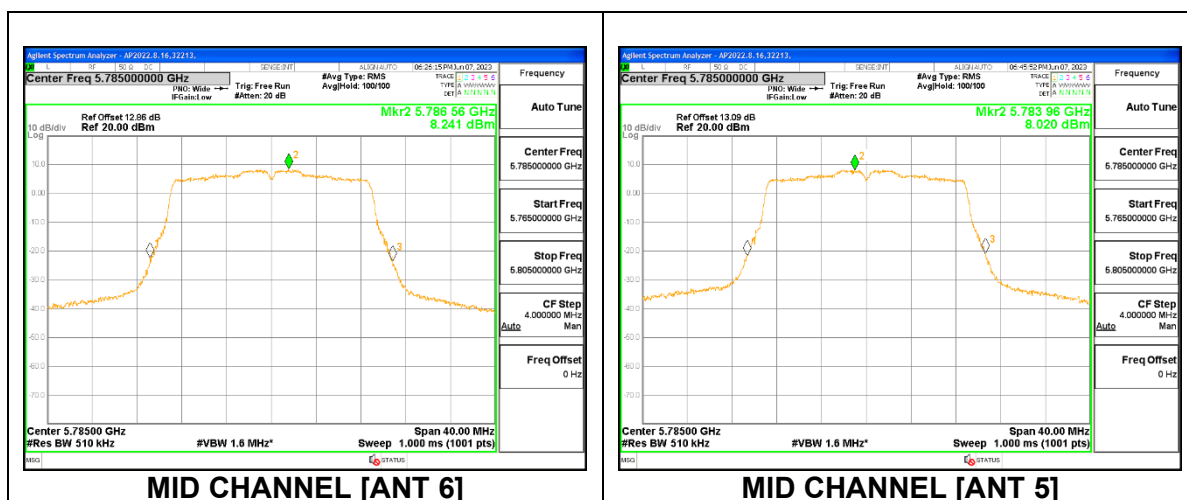
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	20.73	20.72	23.74	30.00	-6.26
Mid	5785	20.72	20.70	23.72	30.00	-6.28
High	5825	20.69	20.67	23.69	30.00	-6.31

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	8.245	8.232	11.429	30.00	-18.571
Mid	5785	8.241	8.020	11.322	30.00	-18.678
High	5825	8.084	7.891	11.179	30.00	-18.821



9.4.24. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	32213
Test Date:	02/22/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-5.20	30.00	30.00
High	5795	-5.20	30.00	30.00

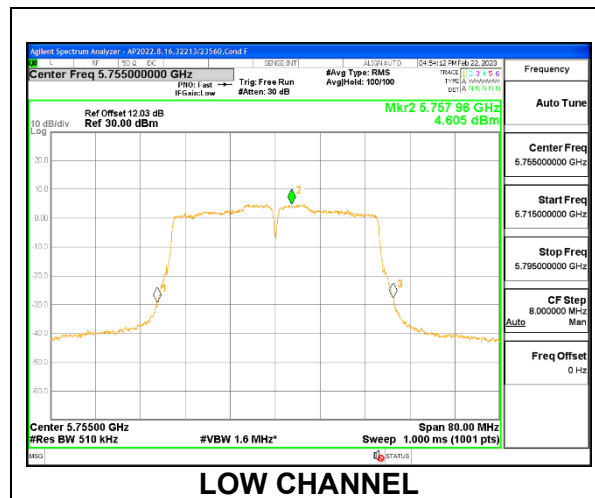
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
--------------------	------	--

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	20.19	20.19	30.00	-9.81

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.605	4.795	30.00	-25.21
High	5795	4.181	4.371	30.00	-25.63



1TX Antenna 5 MODE (FCC)

Test Engineer:	32213
Test Date:	02/22/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-3.60	30.00	30.00
High	5795	-3.60	30.00	30.00

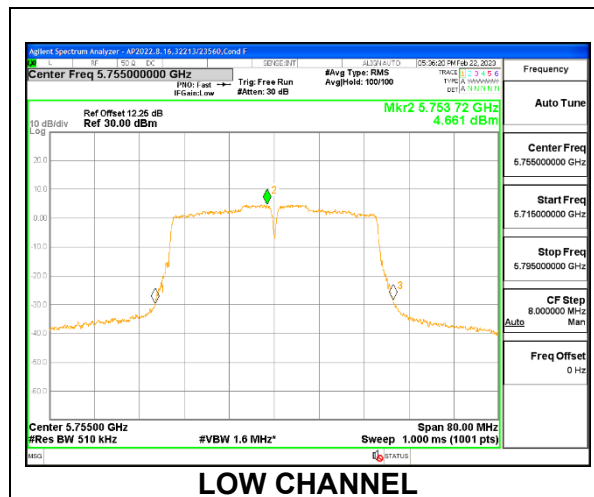
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	20.24	20.24	30.00	-9.76
High	5795	20.25	20.25	30.00	-9.75

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	4.661	4.851	30.00	-25.15
High	5795	4.777	4.967	30.00	-25.03



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

Test Engineer:	32213
Test Date:	02/22/2023

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	-4.33	-1.35	30.00	30.00
High	5795	-4.33	-1.35	30.00	30.00

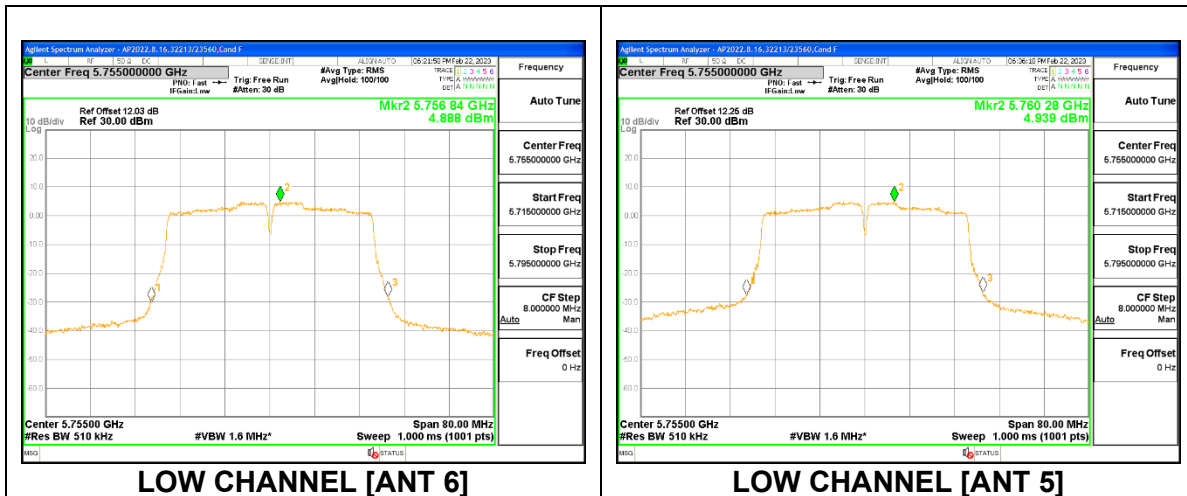
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	5755	20.22	20.24	23.24	30.00	-6.76
High	5795	20.21	20.22	23.23	30.00	-6.77

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	4.888	4.939	8.114	30.00	-21.886
High	5795	4.695	4.716	7.906	30.00	-22.094



9.4.25. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Test Engineer:	32213
Test Date:	02/22/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-5.20	30.00	30.00

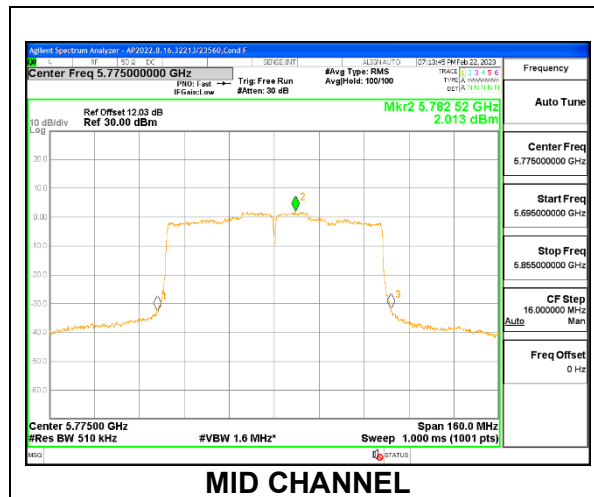
Duty Cycle CF (dB)	0.37	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.21	20.21	30.00	-9.79

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	2.013	2.383	30.00	-27.62



MID CHANNEL

1TX Antenna 5 MODE (FCC)

Test Engineer:	32213
Test Date:	02/22/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Mid	5775	-3.60	30.00	30.00

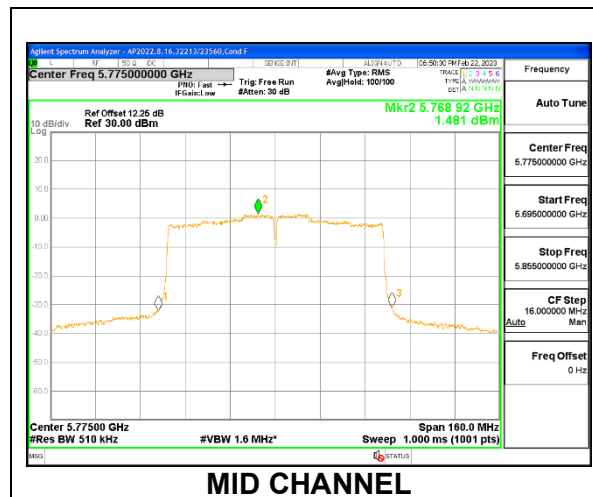
Duty Cycle CF (dB)	0.37	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	20.17	20.17	30.00	-9.83

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	1.481	1.851	30.00	-28.15



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

Test Engineer:	32213
Test Date:	02/22/2023

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	-4.33	-1.35	30.00	30.00

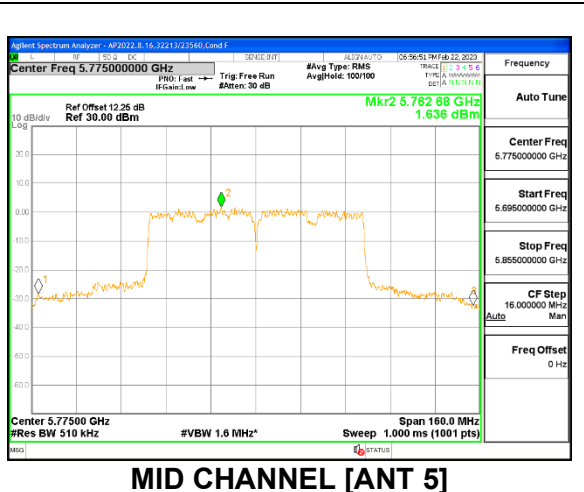
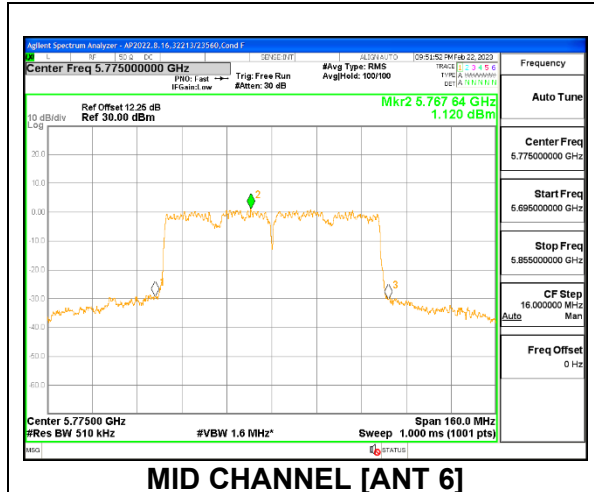
Duty Cycle CF (dB)	0.37	Included in Calculations of Corr'd PSD
--------------------	------	--

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)
Mid	5775	20.19	20.23	23.22	30.00	-6.78

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	1.120	1.636	4.766	30.00	-25.234



9.4.26. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC+IC): 26-Tone, RU Index 0

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00

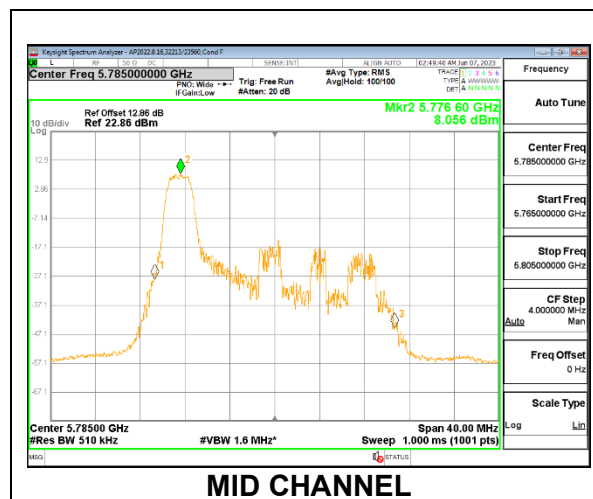
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	12.70	12.70	30.00	-17.30
Mid	5785	12.74	12.74	30.00	-17.26
High	5825	12.72	12.72	30.00	-17.28

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	7.714	7.714	30.00	-22.29
Mid	5785	8.056	8.056	30.00	-21.94
High	5825	7.815	7.815	30.00	-22.19



1TX Antenna 6 MODE (FCC+IC): 26-Tone, RU Index 4

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	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	12.73	12.73	30.00	-17.27
Mid	5785	12.75	12.75	30.00	-17.25
High	5825	12.74	12.74	30.00	-17.26

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	7.398	7.398	30.00	-22.60
Mid	5785	7.394	7.394	30.00	-22.61
High	5825	7.676	7.676	30.00	-22.32



1TX Antenna 6 MODE (FCC+IC): 26-Tone, RU Index 8

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00

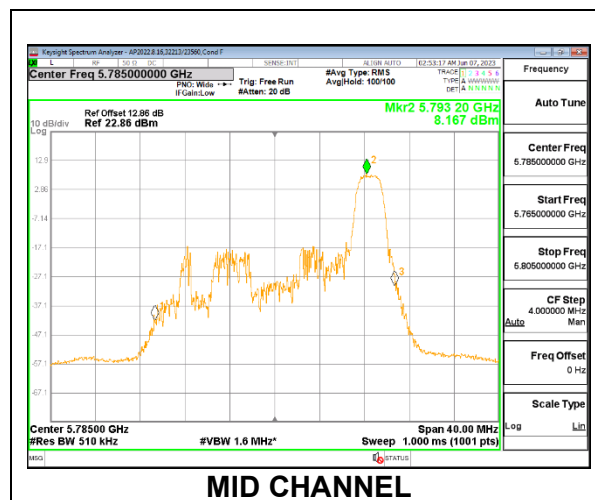
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	12.70	12.70	30.00	-17.30
Mid	5785	12.74	12.74	30.00	-17.26
High	5825	12.75	12.75	30.00	-17.25

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	7.622	7.622	30.00	-22.38
Mid	5785	8.167	8.167	30.00	-21.83
High	5825	8.187	8.187	30.00	-21.81



1TX Antenna 6 MODE (FCC+IC): SU, Single User

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00

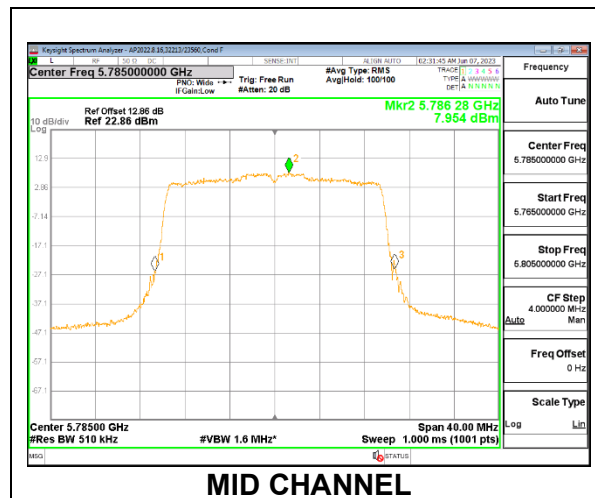
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	20.72	20.72	30.00	-9.28
Mid	5785	20.74	20.74	30.00	-9.26
High	5825	20.75	20.75	30.00	-9.25

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	8.110	8.110	30.00	-21.89
Mid	5785	7.954	7.954	30.00	-22.05
High	5825	8.044	8.044	30.00	-21.96



1TX Antenna 5 MODE (FCC+IC): 26-Tone, RU Index 0

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.60	30.00	30.00
Mid	5785	-3.60	30.00	30.00
High	5825	-3.60	30.00	30.00

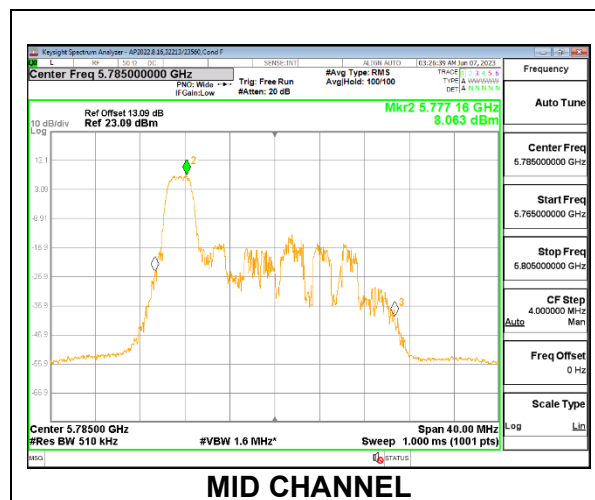
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	12.69	12.69	30.00	-17.31
Mid	5785	12.75	12.75	30.00	-17.25
High	5825	12.71	12.71	30.00	-17.29

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	7.602	7.602	30.00	-22.40
Mid	5785	8.063	8.063	30.00	-21.94
High	5825	7.948	7.948	30.00	-22.05



1TX Antenna 5 MODE (FCC+IC): 26-Tone, RU Index 4

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.60	30.00	30.00
Mid	5785	-3.60	30.00	30.00
High	5825	-3.60	30.00	30.00

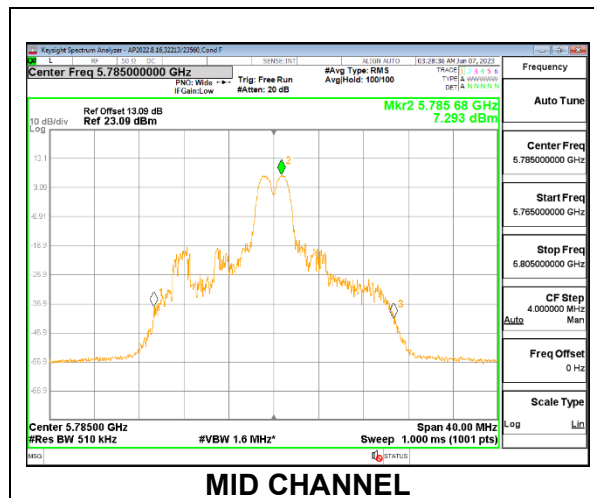
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	12.70	12.70	30.00	-17.30
Mid	5785	12.68	12.68	30.00	-17.32
High	5825	12.74	12.74	30.00	-17.26

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	7.680	7.680	30.00	-22.32
Mid	5785	7.293	7.293	30.00	-22.71
High	5825	7.877	7.877	30.00	-22.12



1TX Antenna 5 MODE (FCC+IC): 26-Tone, RU Index 8

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.60	30.00	30.00
Mid	5785	-3.60	30.00	30.00
High	5825	-3.60	30.00	30.00

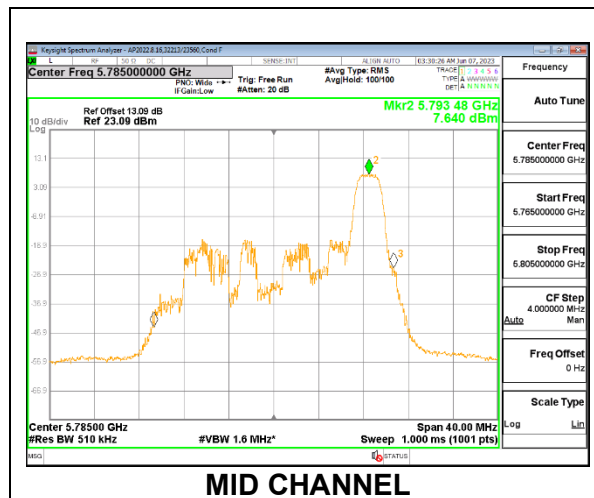
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	12.73	12.73	30.00	-17.27
Mid	5785	12.72	12.72	30.00	-17.28
High	5825	12.73	12.73	30.00	-17.27

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	7.880	7.880	30.00	-22.12
Mid	5785	7.640	7.640	30.00	-22.36
High	5825	8.031	8.031	30.00	-21.97



1TX Antenna 5 MODE (FCC+IC): SU, Single User

Test Engineer:	32213
Test Date:	06/07/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-3.60	30.00	30.00
Mid	5785	-3.60	30.00	30.00
High	5825	-3.60	30.00	30.00

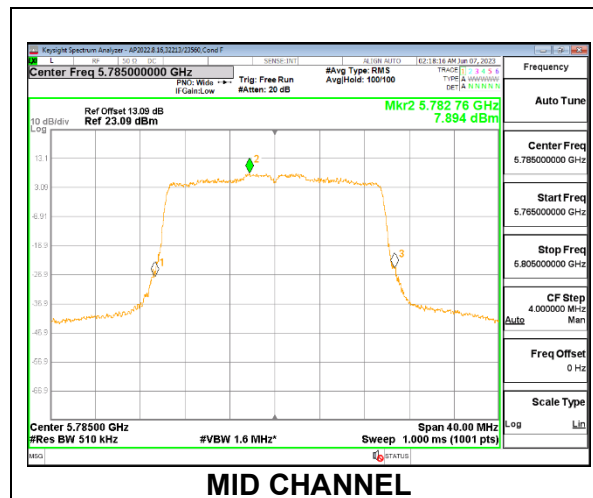
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	20.70	20.70	30.00	-9.30
Mid	5785	20.72	20.72	30.00	-9.28
High	5825	20.73	20.73	30.00	-9.27

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	7.687	7.687	30.00	-22.31
Mid	5785	7.894	7.894	30.00	-22.11
High	5825	8.038	8.038	30.00	-21.96



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC): 26-Tone, RU Index 0

Test Engineer:	32213
Test Date:	06/07/2023

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	-4.33	-1.35	30.00	30.00
Mid	5785	-4.33	-1.35	30.00	30.00
High	5825	-4.33	-1.35	30.00	30.00

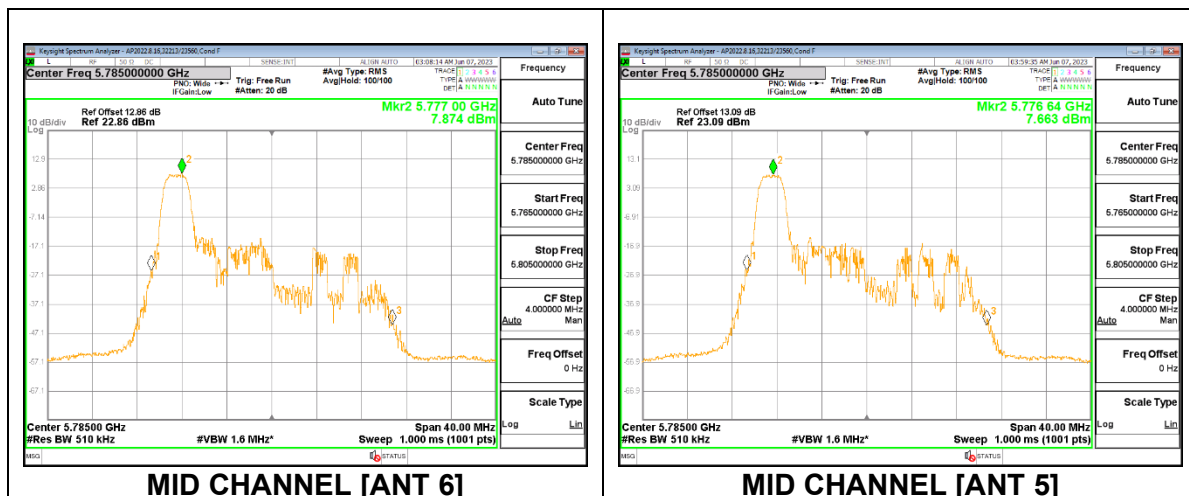
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

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	12.67	12.69	15.69	30.00	-14.31
Mid	5785	12.73	12.70	15.73	30.00	-14.27
High	5825	12.72	12.73	15.74	30.00	-14.26

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.500	7.530	10.525	30.00	-19.475
Mid	5785	7.874	7.663	10.780	30.00	-19.220
High	5825	7.878	7.991	10.945	30.00	-19.055



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC): 26-Tone, RU Index 4

Test Engineer:	32213
Test Date:	06/07/2023

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	-4.33	-1.35	30.00	30.00
Mid	5785	-4.33	-1.35	30.00	30.00
High	5825	-4.33	-1.35	30.00	30.00

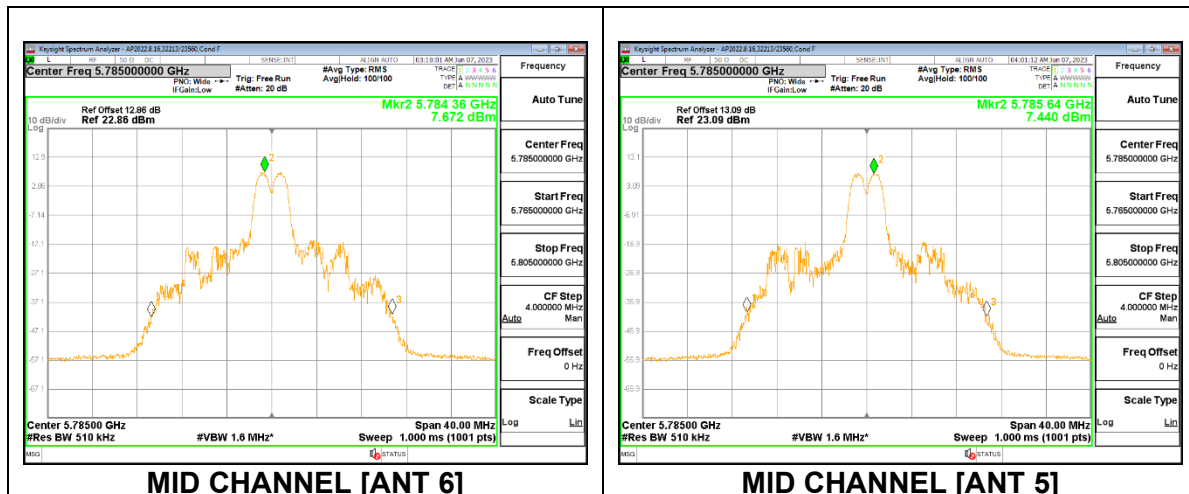
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	12.69	12.72	15.72	30.00	-14.28
Mid	5785	12.73	12.71	15.73	30.00	-14.27
High	5825	12.75	12.70	15.74	30.00	-14.26

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.137	7.619	10.395	30.00	-19.605
Mid	5785	7.672	7.440	10.568	30.00	-19.432
High	5825	7.814	7.575	10.706	30.00	-19.294



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC): 26-Tone, RU Index 8

Test Engineer:	32213
Test Date:	06/07/2023

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	-4.33	-1.35	30.00	30.00
Mid	5785	-4.33	-1.35	30.00	30.00
High	5825	-4.33	-1.35	30.00	30.00

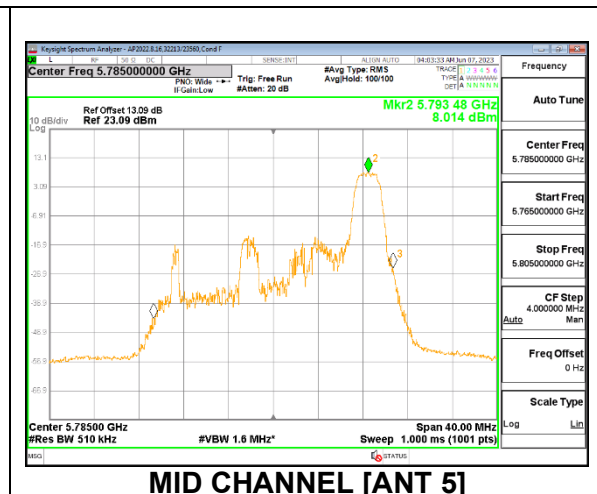
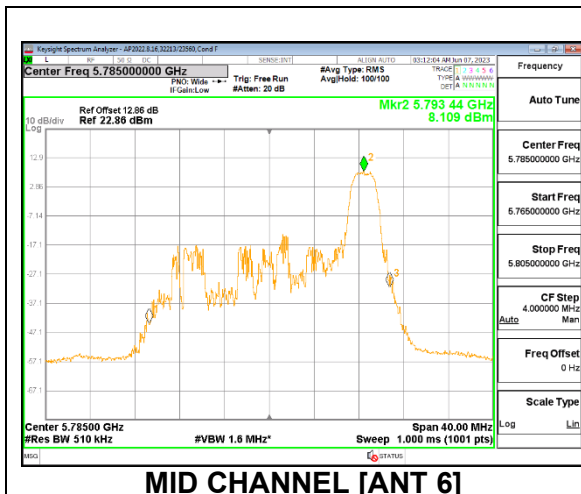
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

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	12.72	12.72	15.73	30.00	-14.27
Mid	5785	12.74	12.71	15.74	30.00	-14.26
High	5825	12.75	12.73	15.75	30.00	-14.25

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	8.046	8.054	11.060	30.00	-18.940
Mid	5785	8.109	8.014	11.072	30.00	-18.928
High	5825	8.132	8.071	11.112	30.00	-18.888



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC): SU, Single User

Test Engineer:	32213
Test Date:	06/07/2023

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	-4.33	-1.35	30.00	30.00
Mid	5785	-4.33	-1.35	30.00	30.00
High	5825	-4.33	-1.35	30.00	30.00

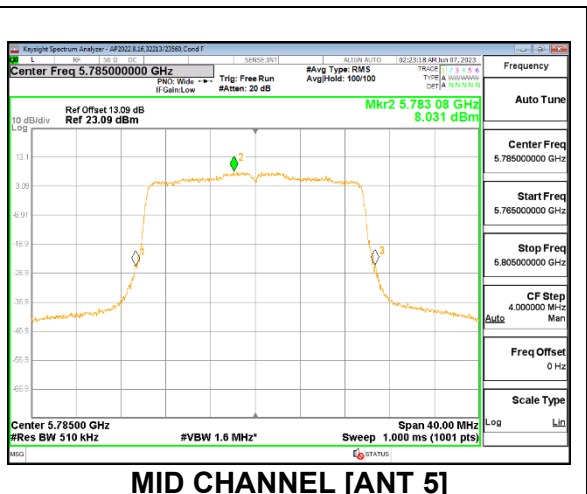
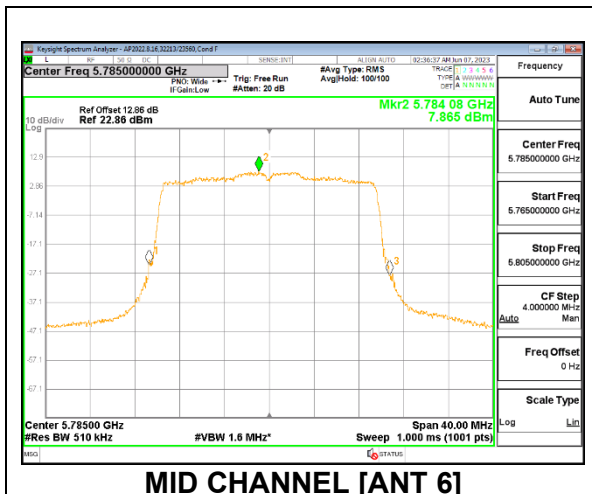
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

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	20.70	20.69	23.71	30.00	-6.29
Mid	5785	20.71	20.73	23.73	30.00	-6.27
High	5825	20.74	20.73	23.75	30.00	-6.25

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Antenna 5 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5745	7.724	7.676	10.710	30.00	-19.290
Mid	5785	7.865	8.031	10.959	30.00	-19.041
High	5825	8.140	8.250	11.206	30.00	-18.794



9.4.27. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC+IC): 26-Tone, RU Index 0

Test Engineer:	32213
Test Date:	03/02/2023

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5755	-5.20	30.00	30.00
High	5795	-5.20	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	9.21	9.21	30.00	-20.79
High	5795	9.19	9.19	30.00	-20.81

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/500KHz)	Total Corr'd PSD (dBm/500KHz)	PSD Limit (dBm/500KHz)	PSD Margin (dB)
Low	5755	6.373	6.373	30.00	-23.63
High	5795	5.936	5.936	30.00	-24.06

