

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

Test Engineer:	19336
Test Date:	7/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6435	-0.60	2.41	24.00	-1.00
Mid	6475	-0.60	2.41	24.00	-1.00
High	6515	-0.60	2.41	24.00	-1.00

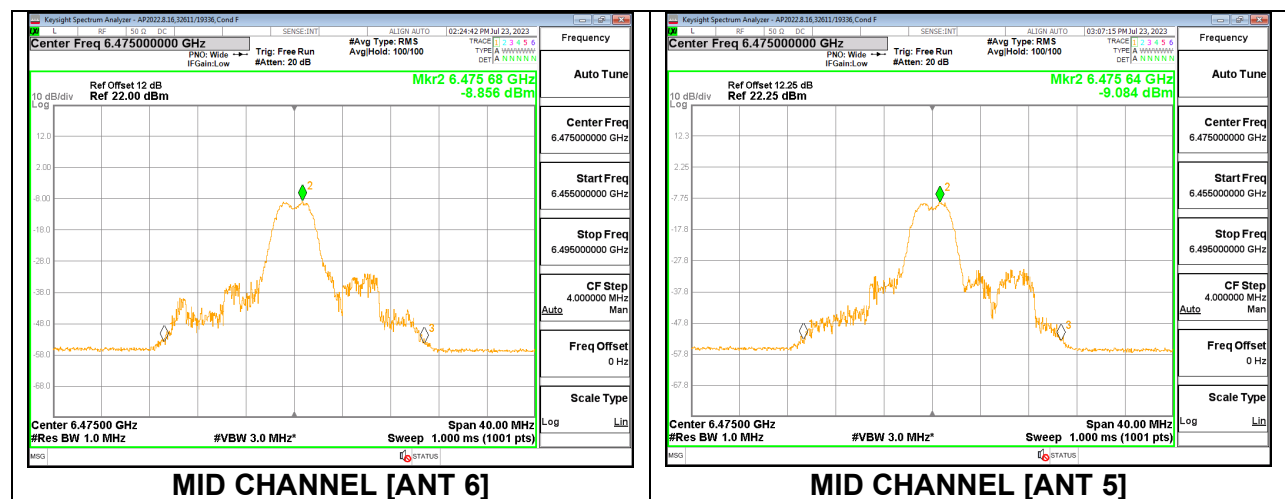
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

6345	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	-5.53	-5.61	-3.16	24.00	-27.16
Mid	6475	-5.58	-5.58	-3.17	24.00	-27.17
High	6515	-5.58	-5.52	-3.14	24.00	-27.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6435	-8.971	-9.017	-3.573	-1.00	-2.573
Mid	6475	-8.856	-9.084	-3.547	-1.00	-2.547
High	6515	-8.846	-9.029	-3.515	-1.00	-2.515



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

Test Engineer:	19336
Test Date:	7/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6435	-0.60	2.41	24.00	-1.00
Mid	6475	-0.60	2.41	24.00	-1.00
High	6515	-0.60	2.41	24.00	-1.00

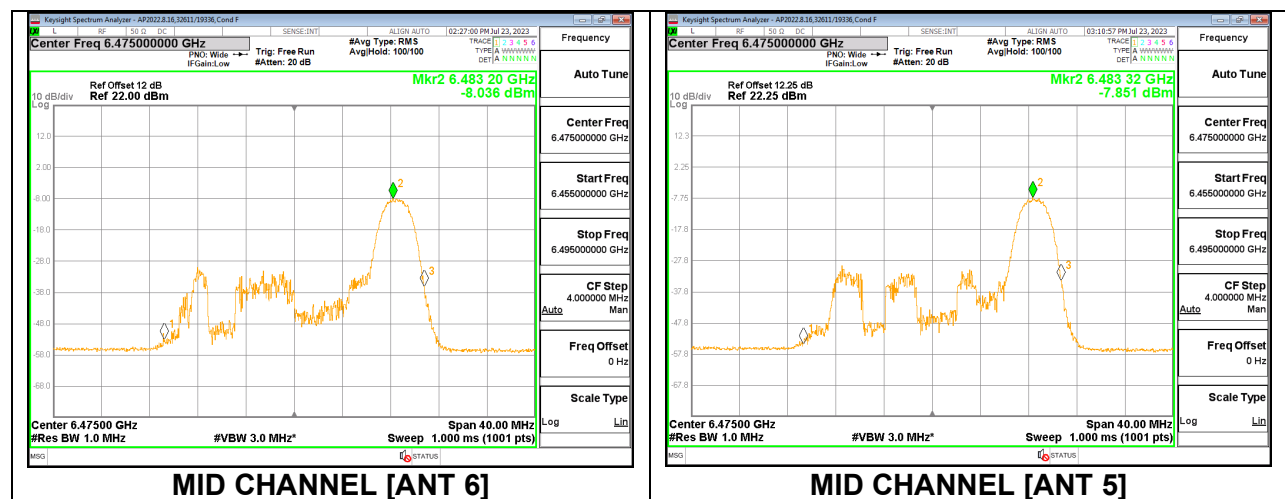
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

6345	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	-5.56	-5.55	-3.14	24.00	-27.14
Mid	6475	-5.59	-5.52	-3.14	24.00	-27.14
High	6515	-5.56	-5.59	-3.16	24.00	-27.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6435	-7.858	-7.824	-2.420	-1.00	-1.420
Mid	6475	-8.036	-7.851	-2.521	-1.00	-1.521
High	6515	-7.965	-7.916	-2.519	-1.00	-1.519



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

Test Engineer:	19336
Test Date:	7/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6435	-0.60	2.41	24.00	-1.00
Mid	6475	-0.60	2.41	24.00	-1.00
High	6515	-0.60	2.41	24.00	-1.00

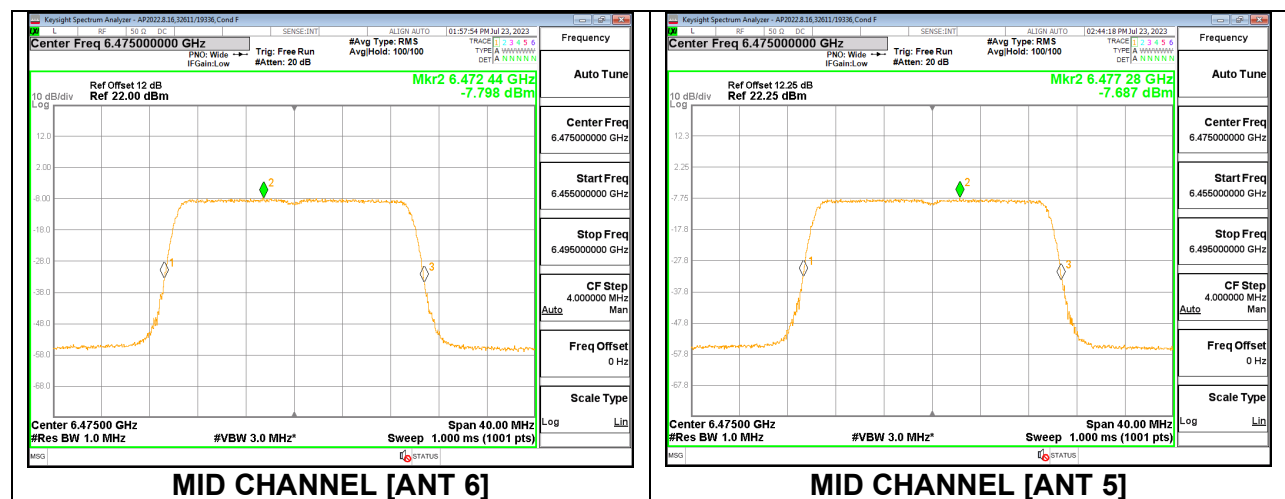
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

6345	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	3.46	3.41	5.85	24.00	-18.15
Mid	6475	3.36	3.47	5.83	24.00	-18.17
High	6515	3.43	3.45	5.85	24.00	-18.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6435	-7.851	-8.008	-2.508	-1.00	-1.508
Mid	6475	-7.798	-7.687	-2.321	-1.00	-1.321
High	6515	-7.940	-7.622	-2.357	-1.00	-1.357



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6435	-0.60	-0.60	24.00	-1.00
Mid	6475	-0.60	-0.60	24.00	-1.00
High	6515	-0.60	-0.60	24.00	-1.00

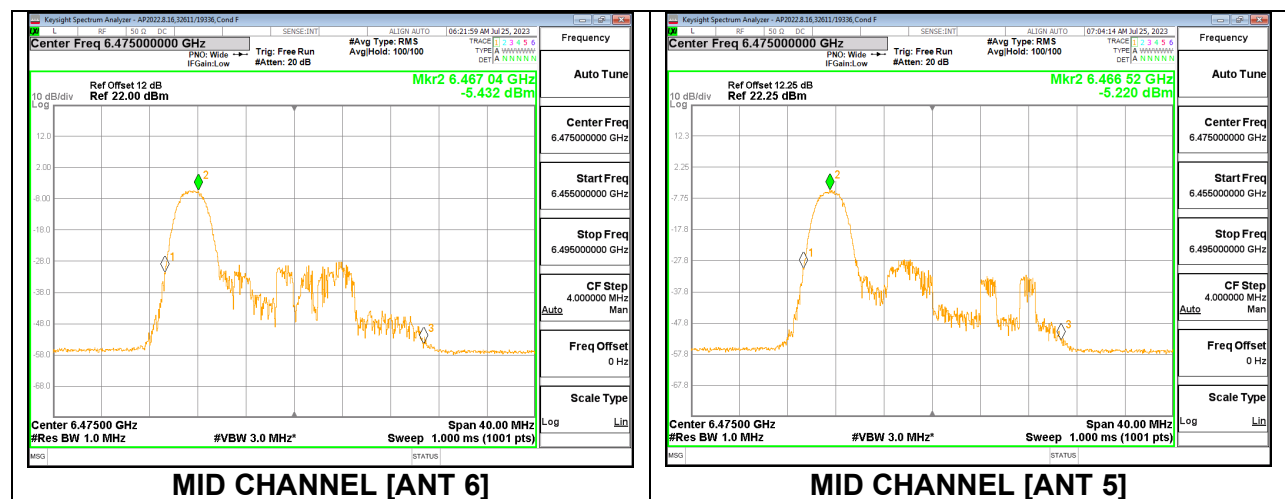
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

6345	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	-2.52	-2.56	-0.13	24.00	-24.13
Mid	6475	-2.59	-2.61	-0.19	24.00	-24.19
High	6515	-2.58	-2.57	-0.16	24.00	-24.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6435	-5.071	-5.096	-2.672	-1.00	-1.672
Mid	6475	-5.432	-5.220	-2.913	-1.00	-1.913
High	6515	-5.112	-5.008	-2.648	-1.00	-1.648



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6435	-0.60	-0.60	24.00	-1.00
Mid	6475	-0.60	-0.60	24.00	-1.00
High	6515	-0.60	-0.60	24.00	-1.00

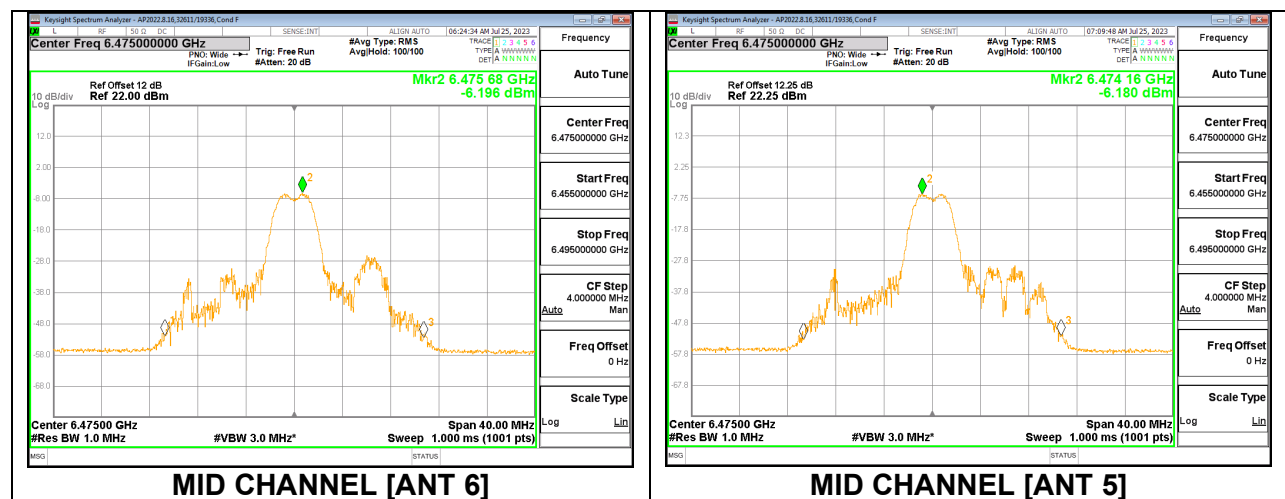
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

6345	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	-2.52	-2.55	-0.12	24.00	-24.12
Mid	6475	-2.54	-2.57	-0.14	24.00	-24.14
High	6515	-2.55	-2.60	-0.16	24.00	-24.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6435	-6.171	-5.884	-3.614	-1.00	-2.614
Mid	6475	-6.196	-6.180	-3.777	-1.00	-2.777
High	6515	-6.221	-6.123	-3.760	-1.00	-2.760



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6435	-0.60	-0.60	24.00	-1.00
Mid	6475	-0.60	-0.60	24.00	-1.00
High	6515	-0.60	-0.60	24.00	-1.00

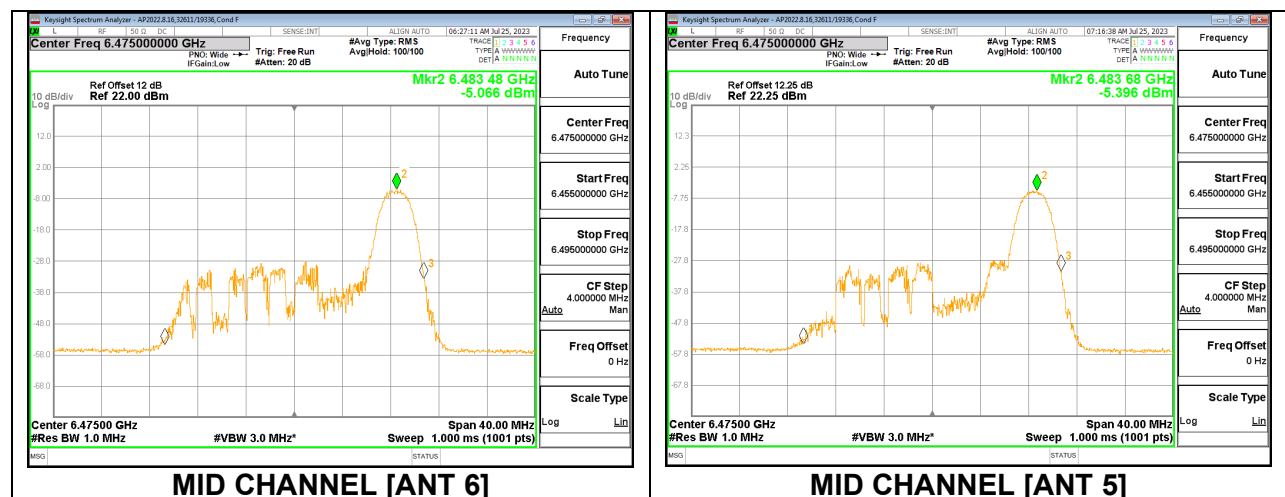
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

6345	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	-2.53	-2.58	-0.14	24.00	-24.14
Mid	6475	-2.56	-2.57	-0.15	24.00	-24.15
High	6515	-2.54	-2.61	-0.16	24.00	-24.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6435	-5.078	-5.109	-2.682	-1.00	-1.682
Mid	6475	-5.066	-5.396	-2.816	-1.00	-1.816
High	6515	-5.216	-5.243	-2.818	-1.00	-1.818



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6435	-0.60	-0.60	24.00	-1.00
Mid	6475	-0.60	-0.60	24.00	-1.00
High	6515	-0.60	-0.60	24.00	-1.00

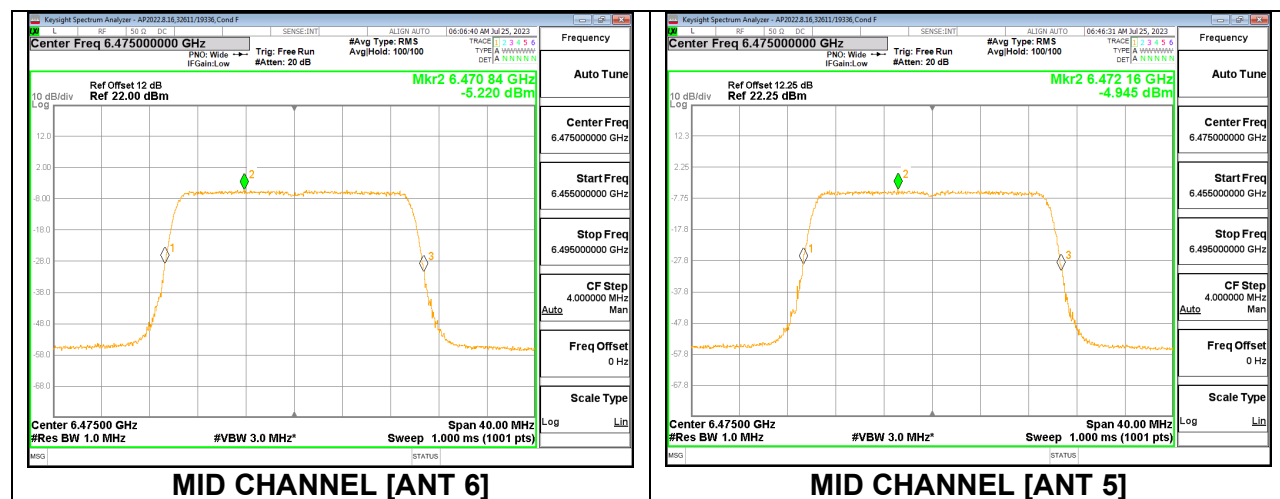
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

6345	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	6.45	6.41	8.84	24.00	-15.16
Mid	6475	6.47	6.42	8.86	24.00	-15.14
High	6515	6.48	6.45	8.88	24.00	-15.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6435	-5.149	-4.873	-2.597	-1.00	-1.597
Mid	6475	-5.220	-4.945	-2.669	-1.00	-1.669
High	6515	-5.291	-5.270	-2.869	-1.00	-1.869



9.3.6. 802.11ax HE40 MODE IN THE UNII-6 BAND

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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6445	-0.70	24.00	-1.00
Mid	6485	-0.70	24.00	-1.00
Straddle	6525	1.00	24.00	-1.00

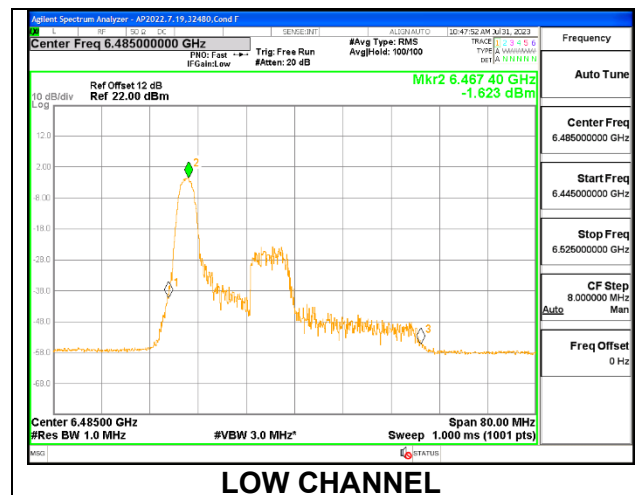
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	0.46	-0.24	24.00	-24.24
Mid	6485	0.44	-0.26	24.00	-24.26
Straddle	6525	-1.15	-0.15	24.00	-24.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-1.555	-2.255	-1.00	-1.255
Mid	6485	-1.623	-2.323	-1.00	-1.323
Straddle	6525	-2.479	-1.479	-1.00	-0.479



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6445	-0.70	24.00	-1.00
Mid	6485	-0.70	24.00	-1.00
Straddle	6525	1.00	24.00	-1.00

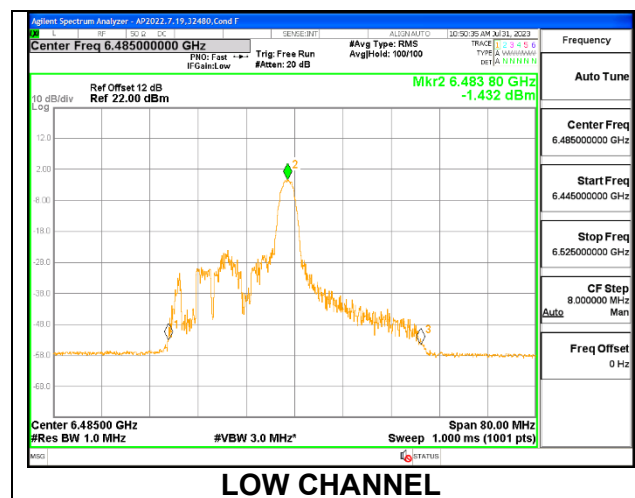
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	0.41	-0.29	24.00	-24.29
Mid	6485	0.47	-0.23	24.00	-24.23
Straddle	6525	-1.11	-0.11	24.00	-24.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-1.369	-2.069	-1.00	-1.069
Mid	6485	-1.432	-2.132	-1.00	-1.132
Straddle	6525	-2.237	-1.237	-1.00	-0.237



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6445	-0.70	24.00	-1.00
Mid	6485	-0.70	24.00	-1.00
Straddle	6525	1.00	24.00	-1.00

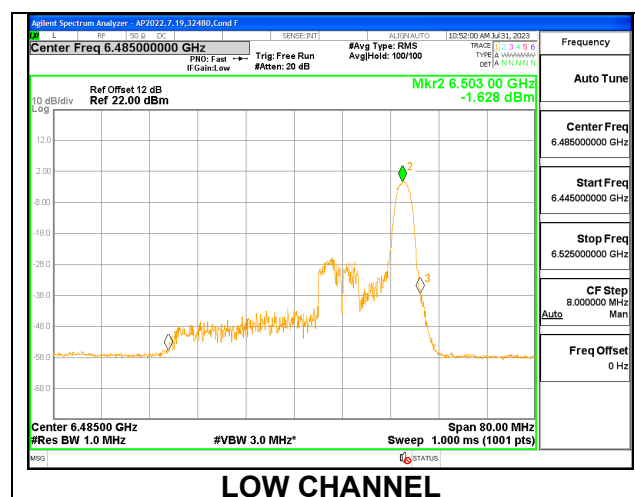
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	0.45	-0.25	24.00	-24.25
Mid	6485	0.41	-0.29	24.00	-24.29
Straddle	6525	-1.07	-0.07	24.00	-24.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-1.664	-2.364	-1.00	-1.364
Mid	6485	-1.628	-2.328	-1.00	-1.328
Straddle	6525	-2.262	-1.262	-1.00	-0.262



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6445	-0.50	24.00	-1.00
Mid	6485	-0.50	24.00	-1.00
Straddle	6525	-0.50	24.00	-1.00

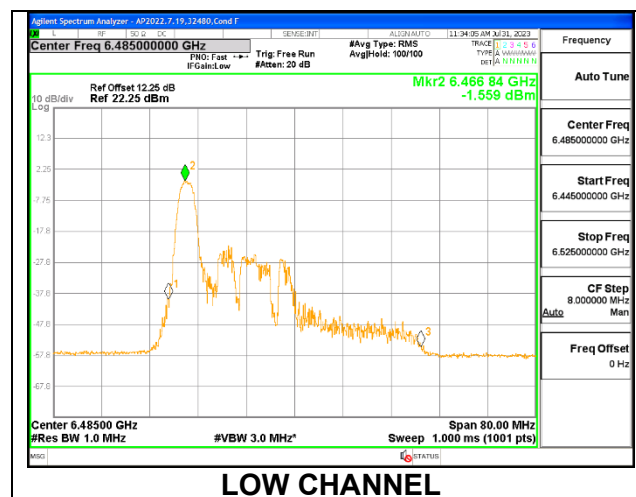
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	0.43	-0.07	24.00	-24.07
Mid	6485	0.41	-0.09	24.00	-24.09
Straddle	6525	-1.08	-1.58	24.00	-25.58

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-1.359	-1.859	-1.00	-0.859
Mid	6485	-1.559	-2.059	-1.00	-1.059
Straddle	6525	-2.209	-2.709	-1.00	-1.709



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6445	-0.50	24.00	-1.00
Mid	6485	-0.50	24.00	-1.00
Straddle	6525	-0.50	24.00	-1.00

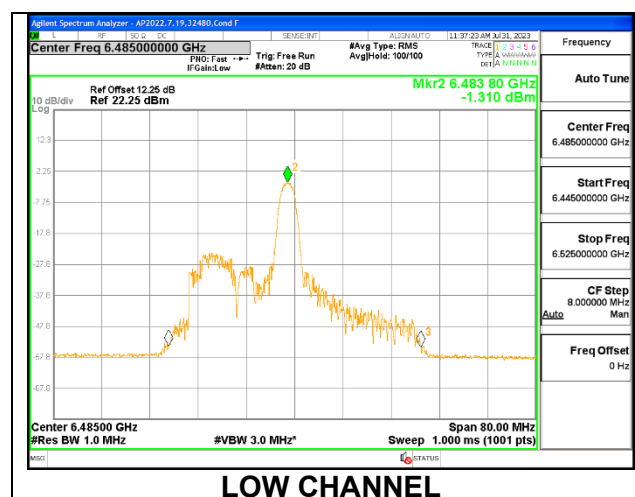
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	0.39	-0.11	24.00	-24.11
Mid	6485	0.43	-0.07	24.00	-24.07
Straddle	6525	-1.14	-1.64	24.00	-25.64

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-1.366	-1.866	-1.00	-0.866
Mid	6485	-1.310	-1.810	-1.00	-0.810
Straddle	6525	-2.208	-2.708	-1.00	-1.708



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6445	-0.50	24.00	-1.00
Mid	6485	-0.50	24.00	-1.00
Straddle	6525	-0.50	24.00	-1.00

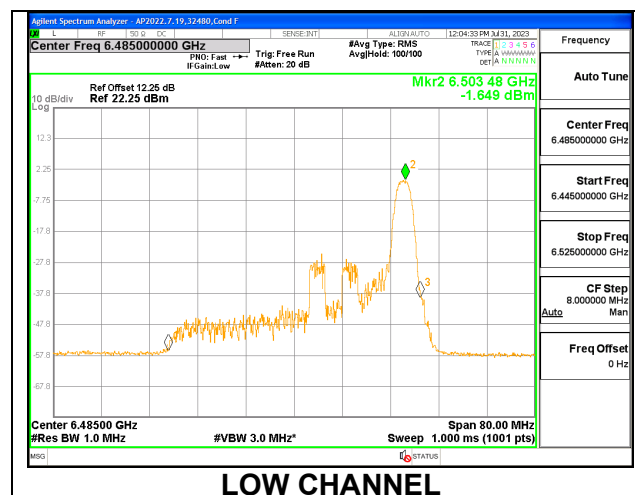
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	0.43	-0.07	24.00	-24.07
Mid	6485	0.42	-0.08	24.00	-24.08
Straddle	6525	-1.07	-1.57	24.00	-25.57

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-1.336	-1.836	-1.00	-0.836
Mid	6485	-1.649	-2.149	-1.00	-1.149
Straddle	6525	-2.040	-2.540	-1.00	-1.540



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	7/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6445	-0.50	24.00	-1.00
Mid	6485	-0.50	24.00	-1.00
Straddle	6525	-0.50	24.00	-1.00

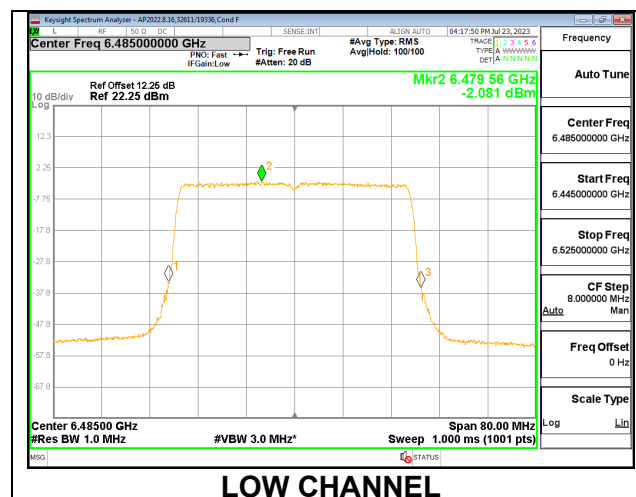
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	12.40	11.90	24.00	-12.10
Mid	6485	12.48	11.98	24.00	-12.02
Straddle	6525	10.92	10.42	24.00	-13.58

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-1.669	-2.169	-1.00	-1.169
Mid	6485	-2.081	-2.581	-1.00	-1.581
Straddle	6525	-3.856	-4.356	-1.00	-3.356



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	2.41	24.00	-1.00
Mid	6485	-0.60	2.41	24.00	-1.00
Straddle	6525	-0.31	3.29	24.00	-1.00

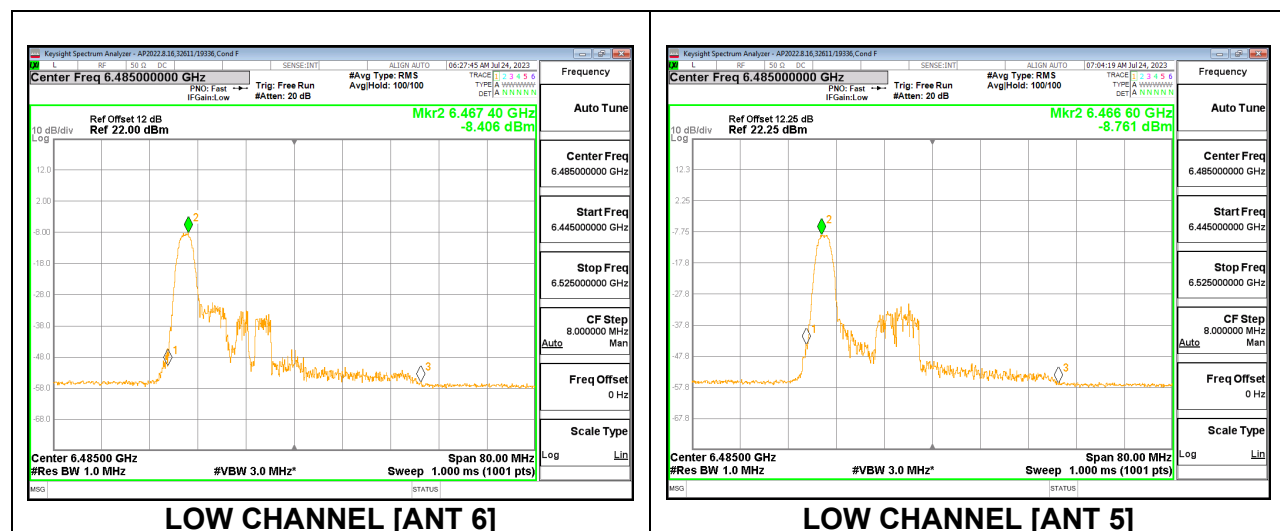
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	-5.54	-5.56	-3.14	24.00	-27.14
Mid	6485	-5.52	-5.61	-3.15	24.00	-27.15
Straddle	6525	-6.35	-6.37	-3.66	24.00	-27.66

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-8.416	-8.535	-3.054	-1.00	-2.054
Mid	6485	-8.406	-8.761	-3.159	-1.00	-2.159
Straddle	6525	-9.356	-9.595	-3.174	-1.00	-2.174



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	2.41	24.00	-1.00
Mid	6485	-0.60	2.41	24.00	-1.00
Straddle	6525	-0.31	3.29	24.00	-1.00

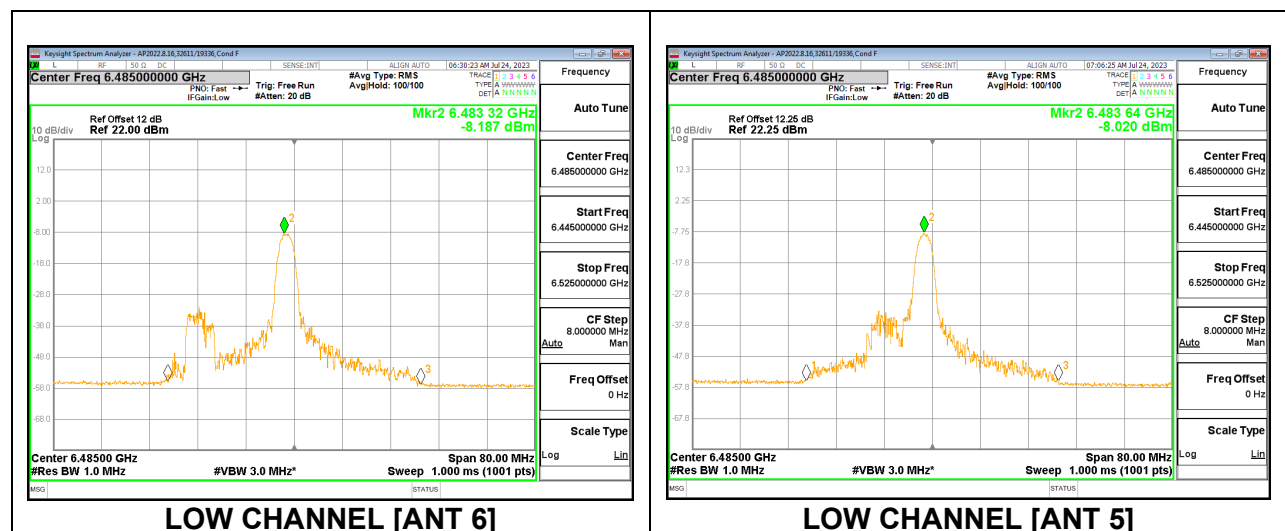
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	-5.59	-5.58	-3.17	24.00	-27.17
Mid	6485	-5.53	-5.53	-3.12	24.00	-27.12
Straddle	6525	-6.36	-6.39	-3.67	24.00	-27.67

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-7.888	-8.175	-2.608	-1.00	-1.608
Mid	6485	-8.187	-8.020	-2.682	-1.00	-1.682
Straddle	6525	-9.390	-9.218	-3.003	-1.00	-2.003



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	2.41	24.00	-1.00
Mid	6485	-0.60	2.41	24.00	-1.00
Straddle	6525	-0.31	3.29	24.00	-1.00

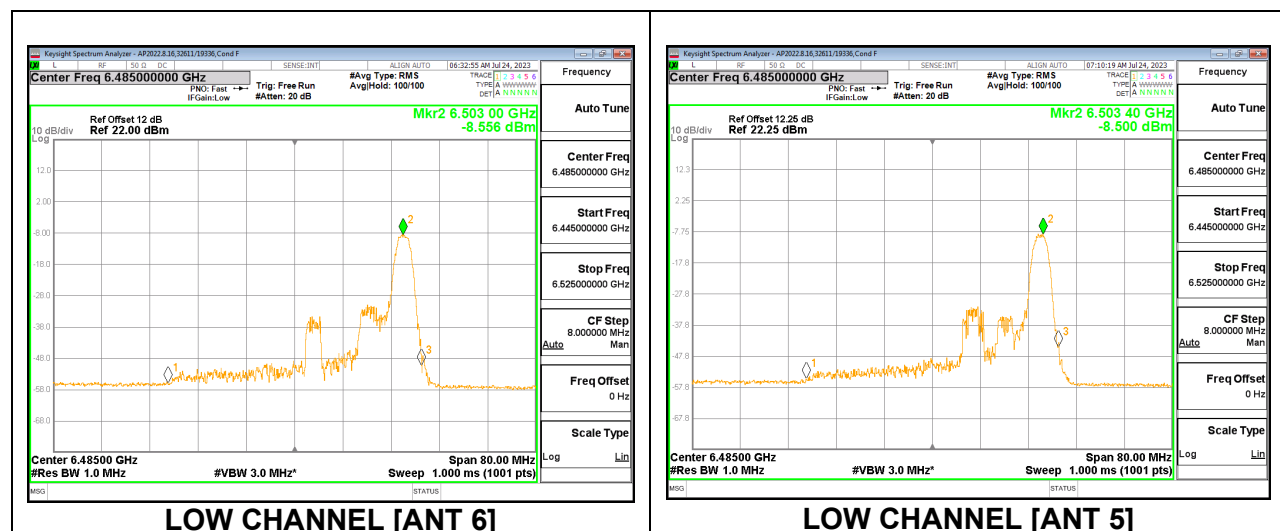
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	-5.52	-5.52	-3.11	24.00	-27.11
Mid	6485	-5.52	-5.56	-3.13	24.00	-27.13
Straddle	6525	-6.32	-6.37	-3.64	24.00	-27.64

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-8.418	-8.525	-3.050	-1.00	-2.050
Mid	6485	-8.556	-8.500	-3.107	-1.00	-2.107
Straddle	6525	-9.510	-9.388	-3.148	-1.00	-2.148



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	2.41	24.00	-1.00
Mid	6485	-0.60	2.41	24.00	-1.00
Straddle	6525	-0.31	3.29	24.00	-1.00

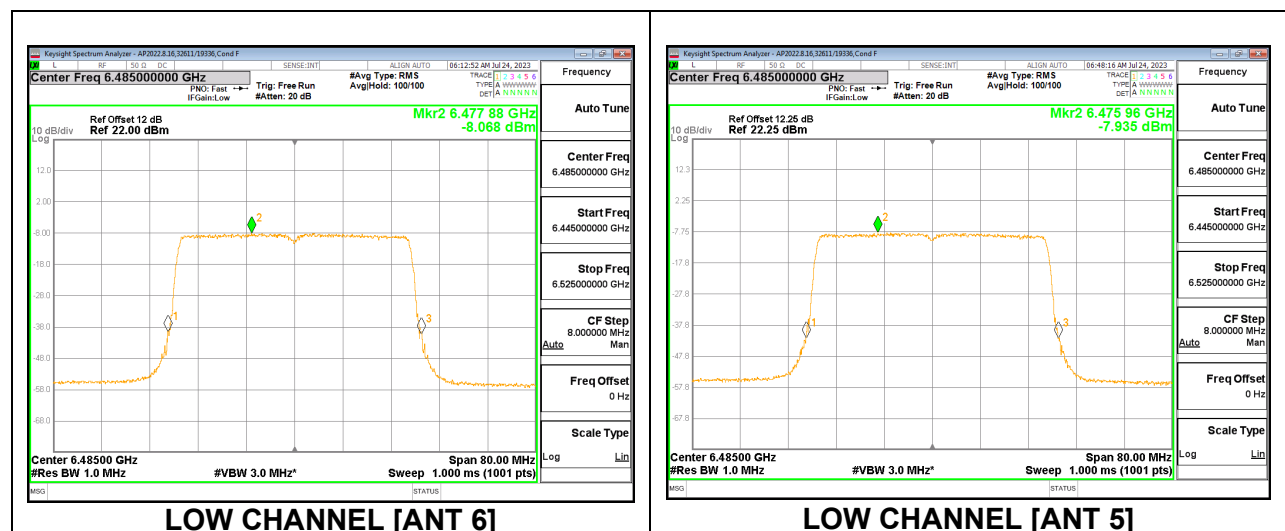
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	6.46	6.44	8.86	24.00	-15.14
Mid	6485	6.42	6.42	8.83	24.00	-15.17
Straddle	6525	5.72	5.73	8.43	24.00	-15.57

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-7.927	-7.761	-2.422	-1.00	-1.422
Mid	6485	-8.068	-7.935	-2.580	-1.00	-1.580
Straddle	6525	-8.787	-8.541	-2.362	-1.00	-1.362



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	-0.60	24.00	-1.00
Mid	6485	-0.60	-0.60	24.00	-1.00
Straddle	6525	-0.31	-0.31	24.00	-1.00

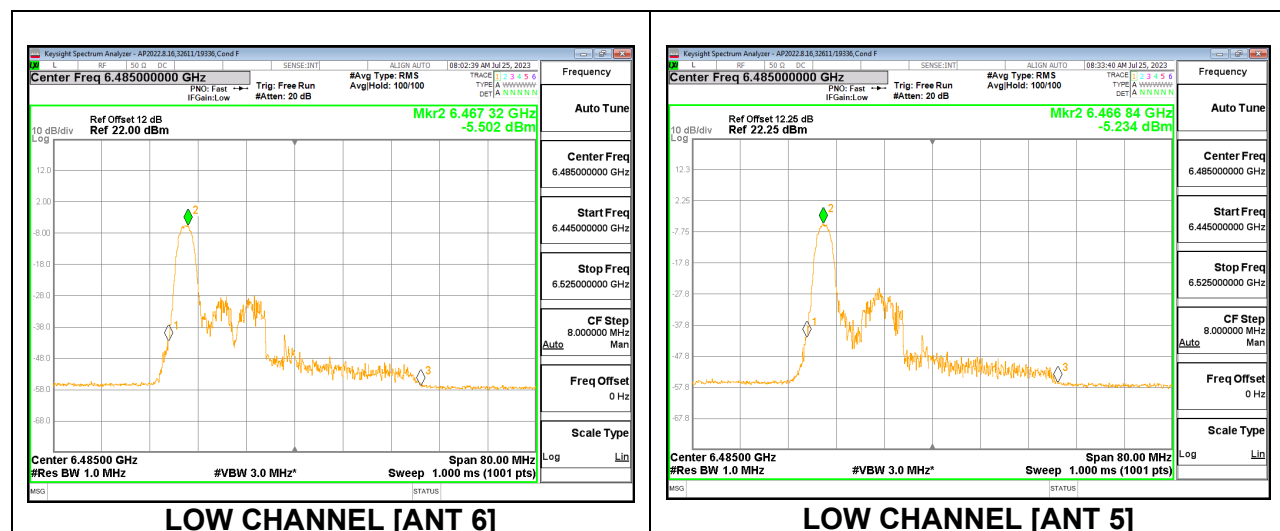
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	-2.56	-2.55	-0.14	24.00	-24.14
Mid	6485	-2.54	-2.57	-0.14	24.00	-24.14
Straddle	6525	-3.35	-3.36	-0.65	24.00	-24.65

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-5.487	-5.310	-2.986	-1.00	-1.986
Mid	6485	-5.502	-5.234	-2.954	-1.00	-1.954
Straddle	6525	-6.108	-6.194	-3.450	-1.00	-2.450



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	-0.60	24.00	-1.00
Mid	6485	-0.60	-0.60	24.00	-1.00
Straddle	6525	-0.31	-0.31	24.00	-1.00

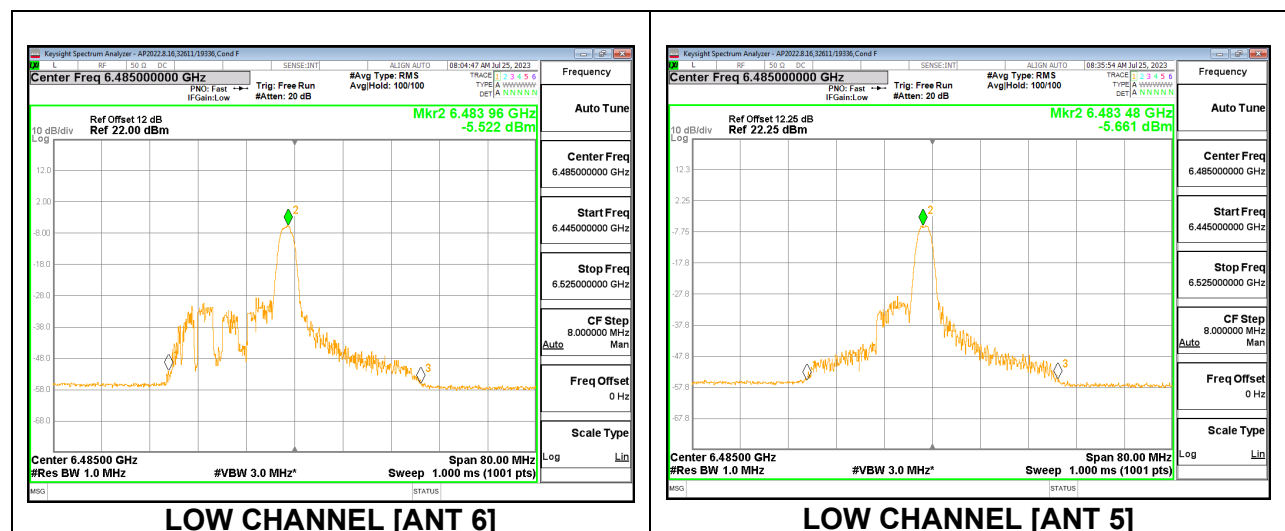
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	-2.56	-2.53	-0.13	24.00	-24.13
Mid	6485	-2.64	-2.56	-0.19	24.00	-24.19
Straddle	6525	-3.41	-3.38	-0.69	24.00	-24.69

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-5.301	-5.410	-2.944	-1.00	-1.944
Mid	6485	-5.522	-5.661	-3.179	-1.00	-2.179
Straddle	6525	-6.228	-6.188	-3.508	-1.00	-2.508



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	-0.60	24.00	-1.00
Mid	6485	-0.60	-0.60	24.00	-1.00
Straddle	6525	-0.31	-0.31	24.00	-1.00

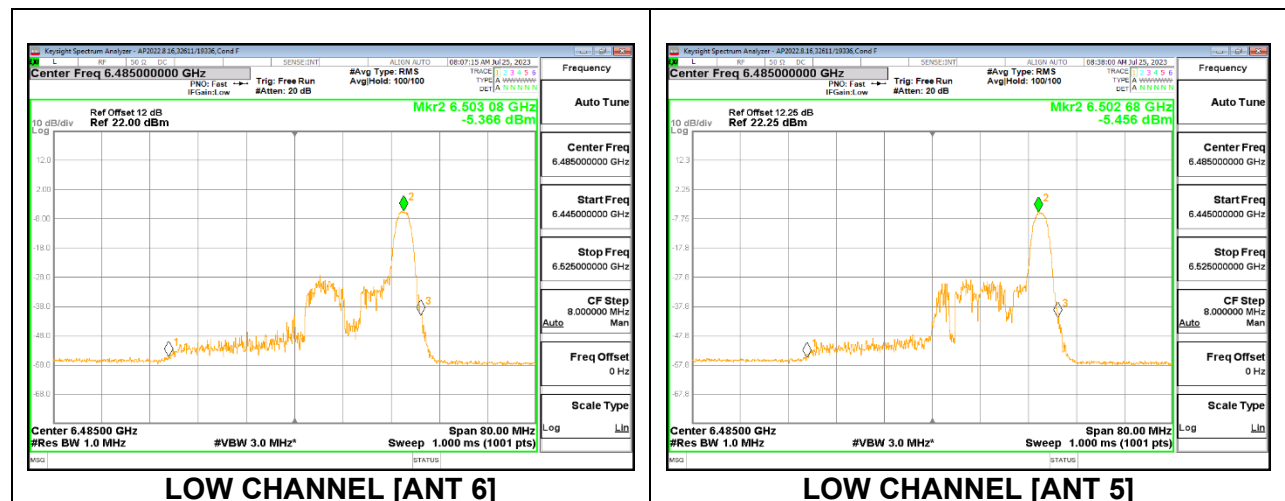
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	-2.52	-2.54	-0.12	24.00	-24.12
Mid	6485	-2.57	-2.53	-0.14	24.00	-24.14
Straddle	6525	-3.34	-3.36	-0.65	24.00	-24.65

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-5.303	-5.523	-3.000	-1.00	-2.000
Mid	6485	-5.366	-5.456	-2.999	-1.00	-1.999
Straddle	6525	-6.014	-6.143	-3.378	-1.00	-2.378



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6445	-0.60	-0.60	24.00	-1.00
Mid	6485	-0.60	-0.60	24.00	-1.00
Straddle	6525	-0.31	-0.31	24.00	-1.00

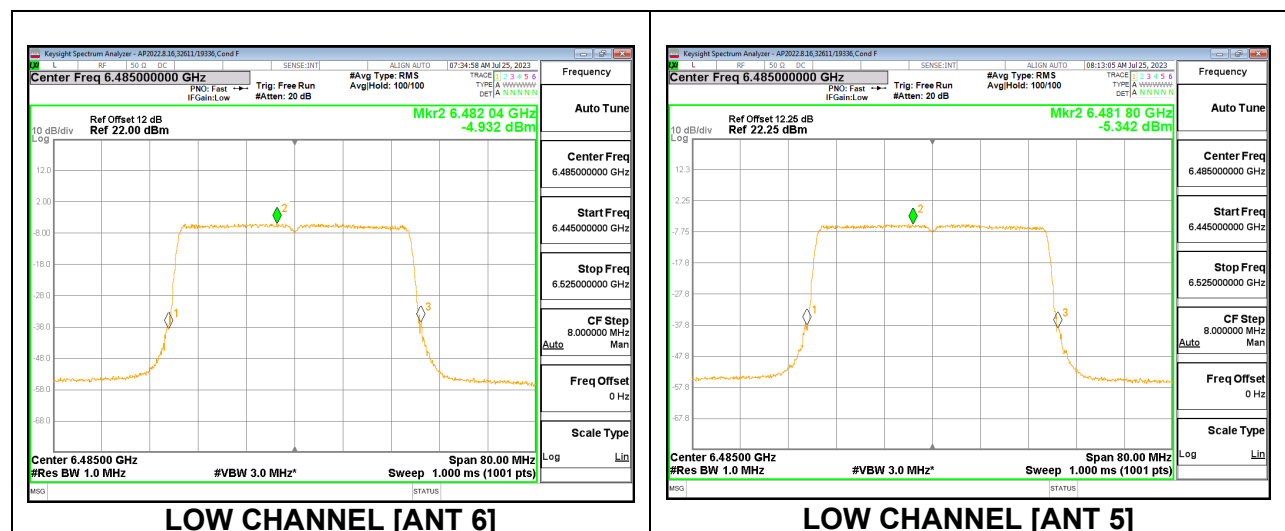
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6445	9.47	9.45	11.87	24.00	-12.13
Mid	6485	9.46	9.46	11.87	24.00	-12.13
Straddle	6525	8.71	8.73	11.42	24.00	-12.58

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6445	-5.197	-5.005	-2.688	-1.00	-1.688
Mid	6485	-4.932	-5.342	-2.721	-1.00	-1.721
Straddle	6525	-5.731	-5.762	-3.046	-1.00	-2.046



9.3.7. 802.11ax HE80 MODE IN THE UNII-6 BAND

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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.70	24.00	-1.00

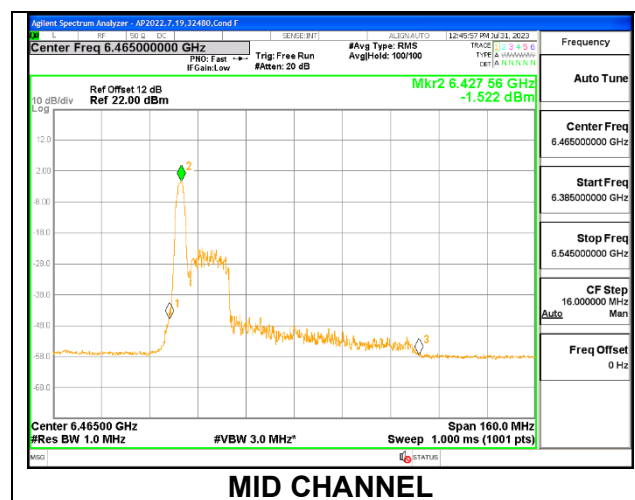
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	0.48	-0.22	24.00	-24.22

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-1.522	-2.222	-1.00	-1.222



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.70	24.00	-1.00

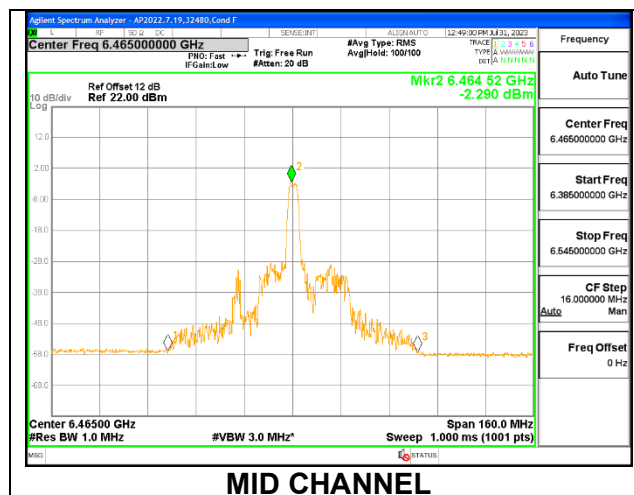
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	0.48	-0.22	24.00	-24.22

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-2.290	-2.990	-1.00	-1.990



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.70	24.00	-1.00

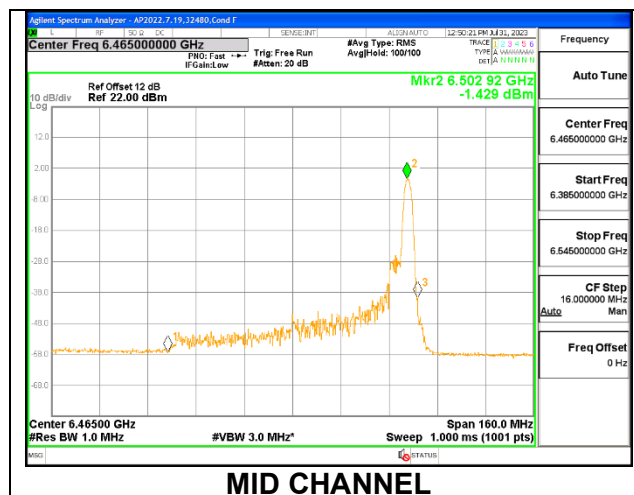
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	0.44	-0.26	24.00	-24.26

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-1.429	-2.129	-1.00	-1.129



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.70	24.00	-1.00

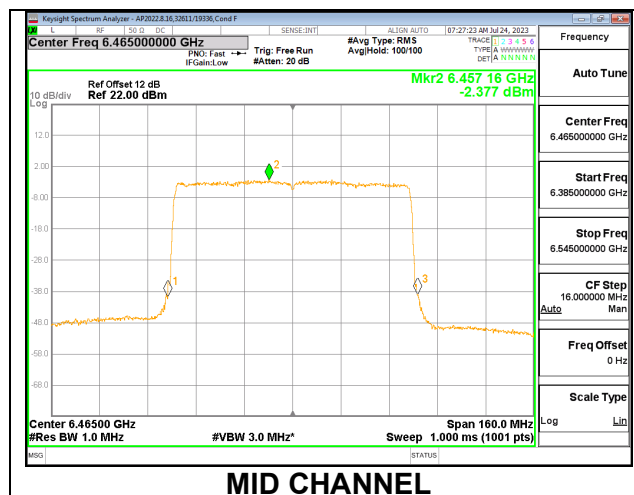
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	14.95	14.25	24.00	-9.75

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-2.377	-3.077	-1.00	-2.077



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.50	24.00	-1.00

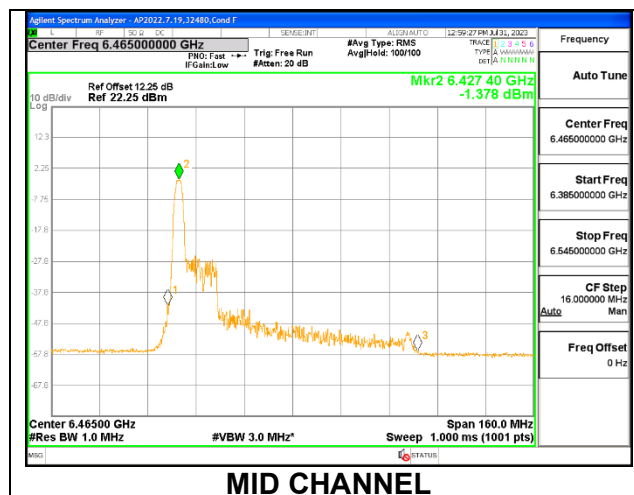
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	0.47	-0.03	24.00	-24.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-1.378	-1.878	-1.00	-0.878



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.50	24.00	-1.00

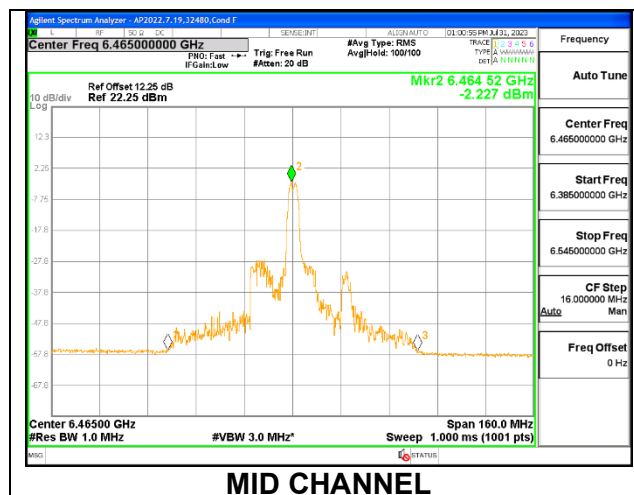
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	0.45	-0.05	24.00	-24.05

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-2.227	-2.727	-1.00	-1.727



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.50	24.00	-1.00

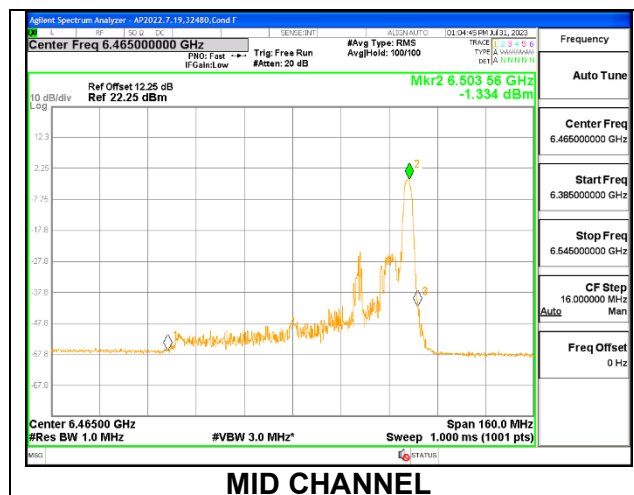
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	0.47	-0.03	24.00	-24.03

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-1.334	-1.834	-1.00	-0.834



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6465	-0.50	24.00	-1.00

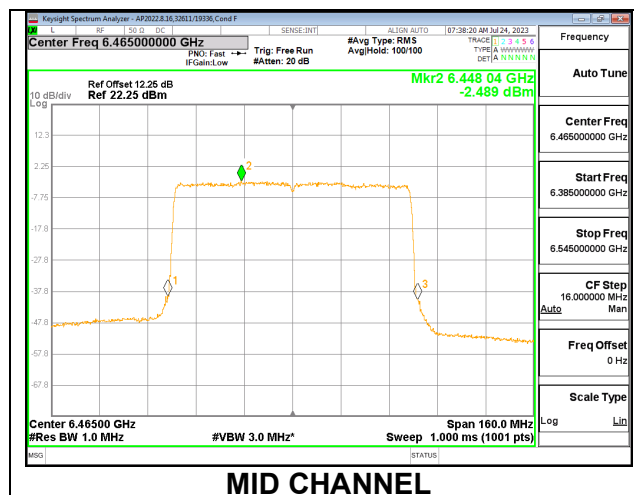
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	14.94	14.44	24.00	-9.56

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-2.489	-2.989	-1.00	-1.989



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	2.41	24.00	-1.00

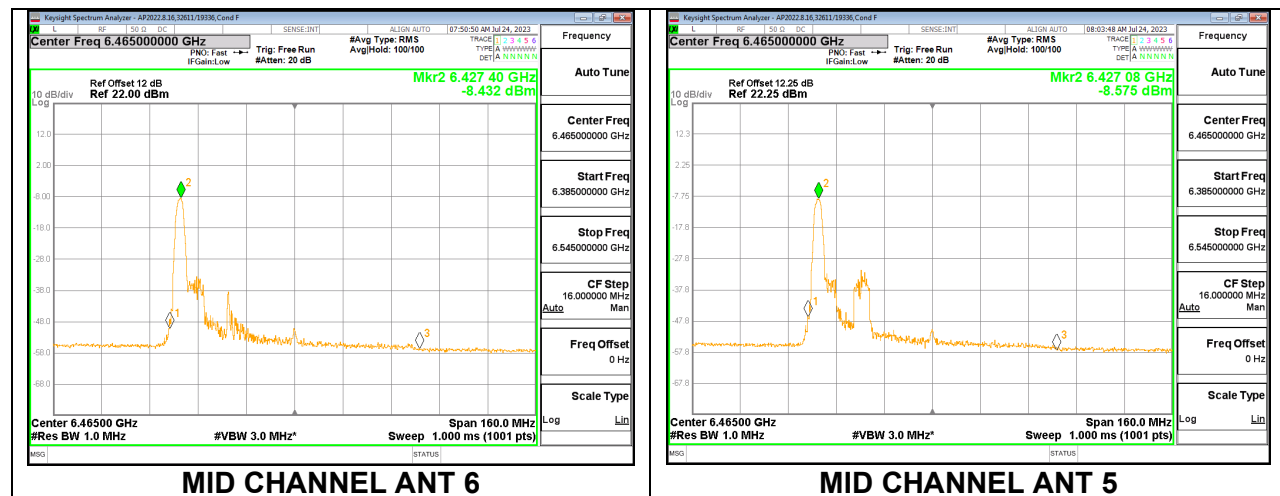
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	-5.62	-5.52	-3.16	24.00	-27.16

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-8.432	-8.575	-3.082	-1.00	-2.082



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	2.41	24.00	-1.00

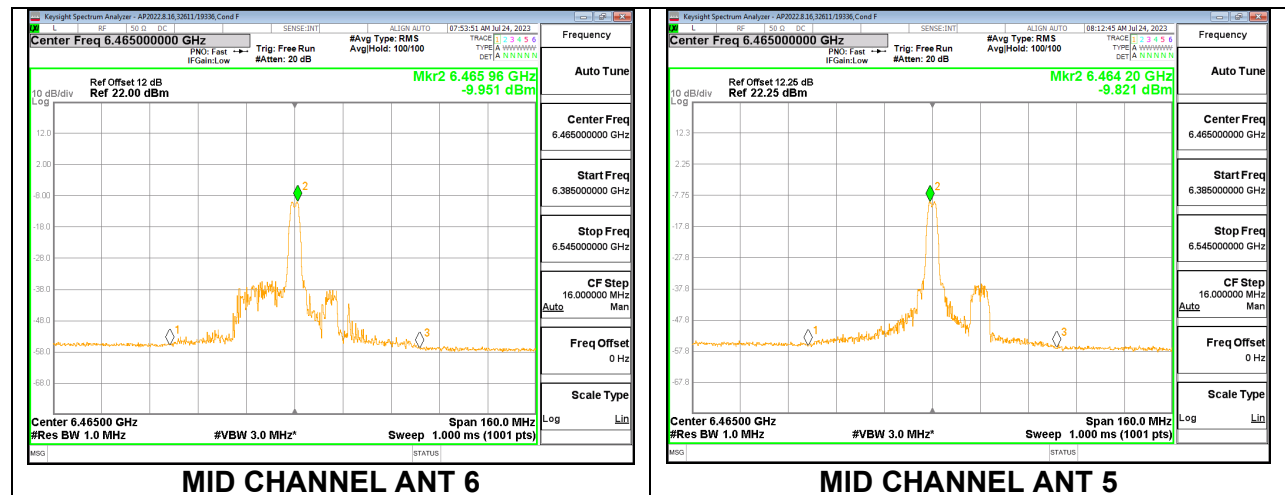
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	-5.58	-5.52	-3.14	24.00	-27.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-9.951	-9.821	-4.464	-1.00	-3.464



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	2.41	24.00	-1.00

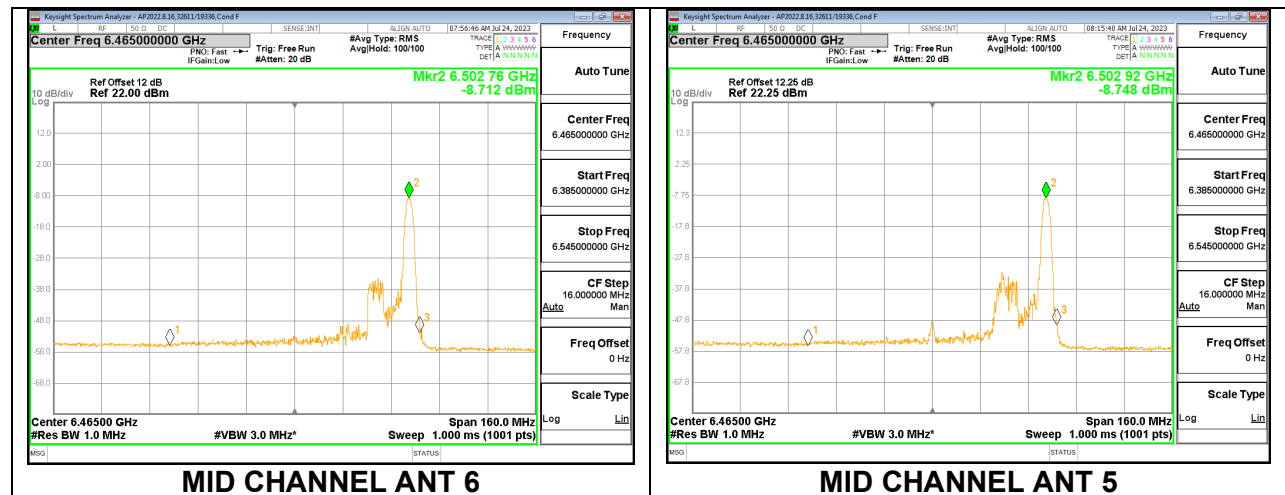
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	-5.56	-5.61	-3.17	24.00	-27.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-8.712	-8.748	-3.309	-1.00	-2.309



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	2.41	24.00	-1.00

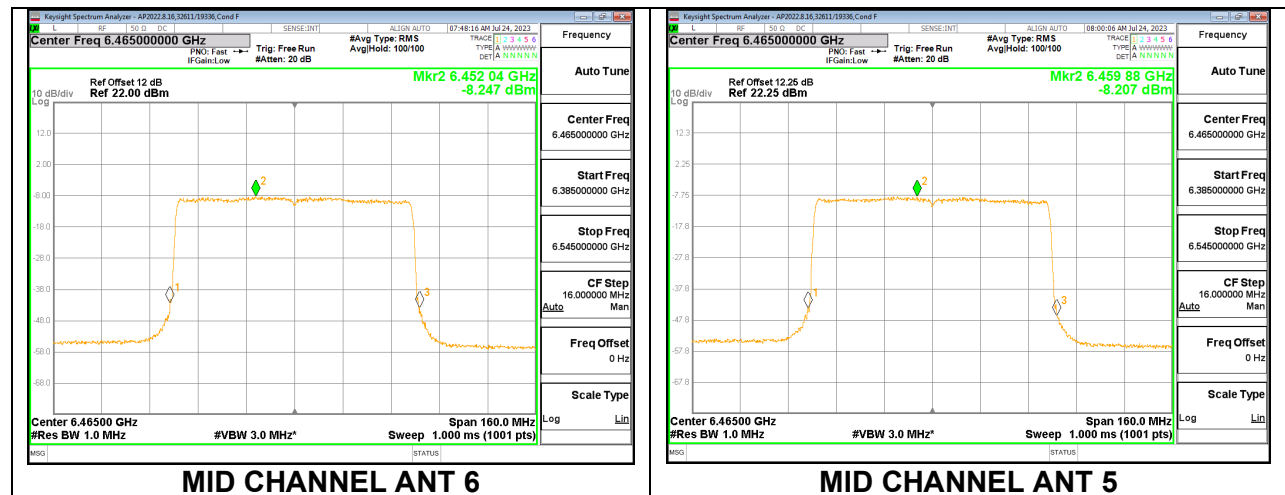
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	8.92	8.95	11.35	24.00	-12.65

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-8.247	-8.207	-2.806	-1.00	-1.806



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	-0.60	24.00	-1.00

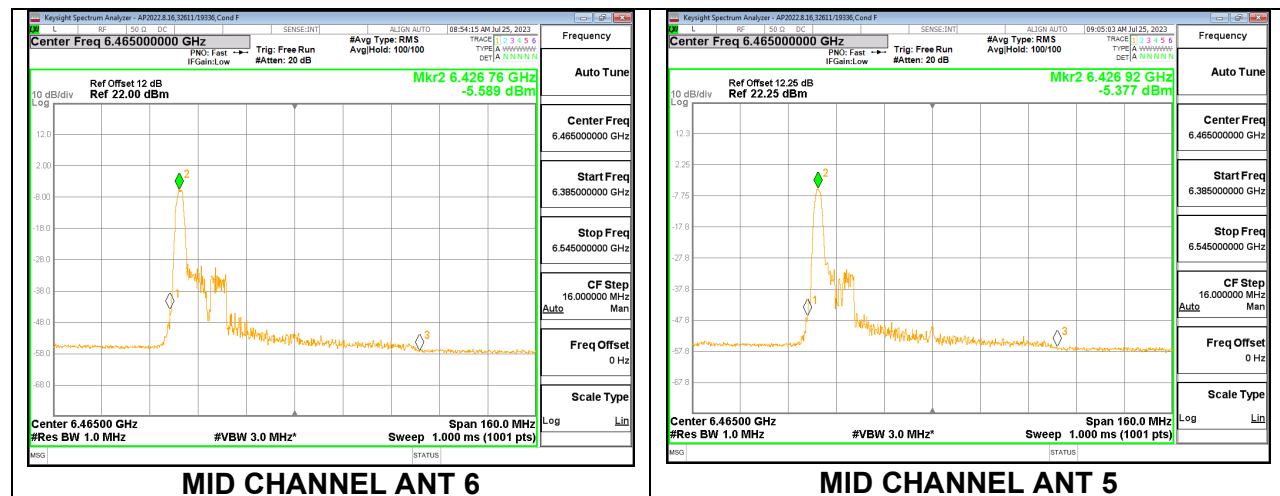
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	-2.54	-2.63	-0.17	24.00	-24.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-5.589	-5.377	-3.070	-1.00	-2.070



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	-0.60	24.00	-1.00

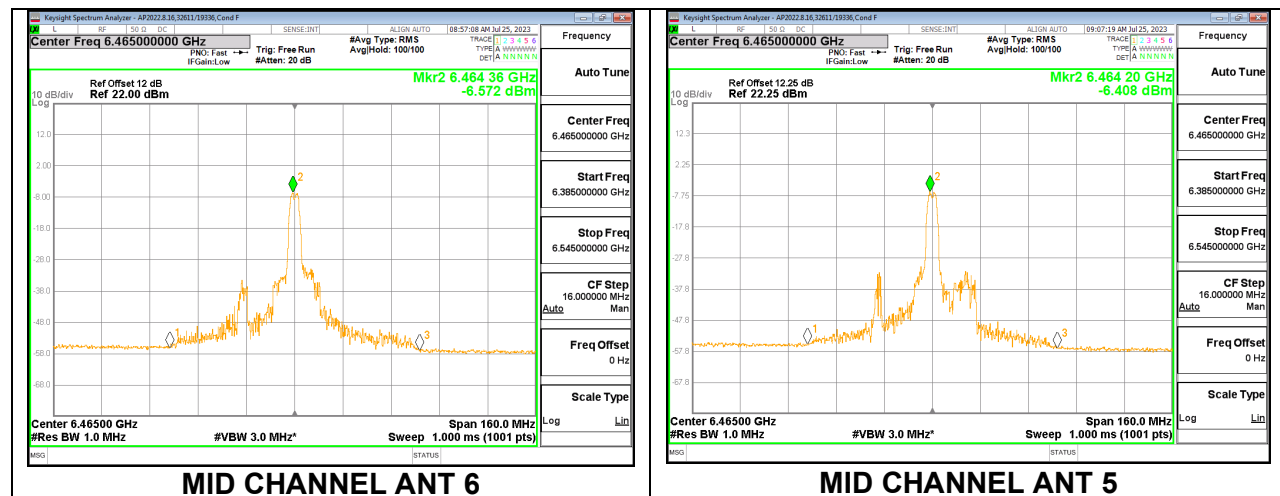
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	-2.56	-2.54	-0.14	24.00	-24.14

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-6.572	-6.408	-4.078	-1.00	-3.078



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	-0.60	24.00	-1.00

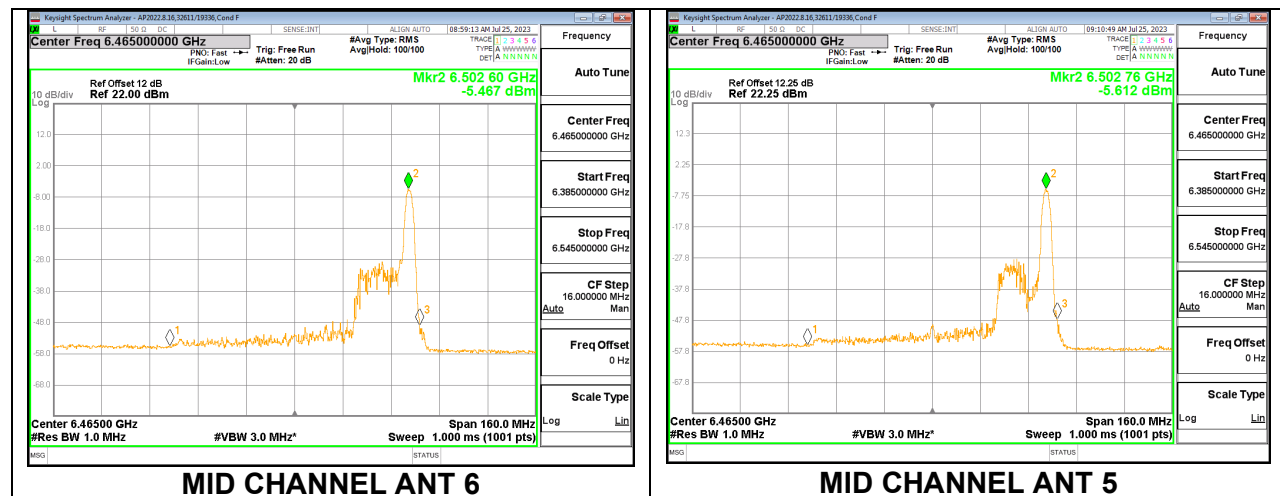
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	-2.61	-2.56	-0.17	24.00	-24.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-5.467	-5.612	-3.127	-1.00	-2.127



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Mid	6465	-0.60	-0.60	24.00	-1.00

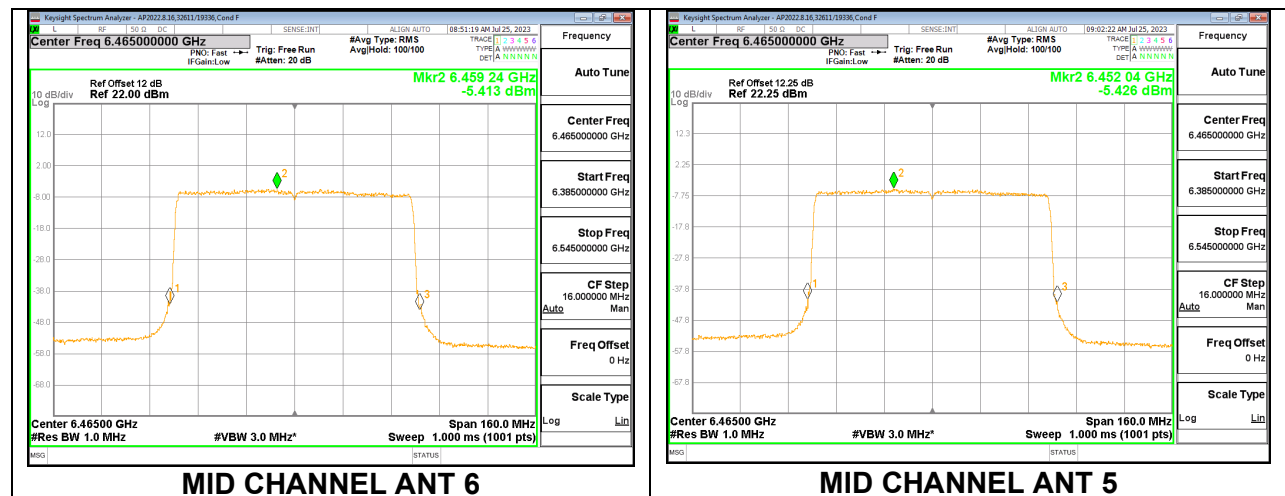
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6465	11.94	11.90	14.33	24.00	-9.67

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	6465	-5.413	-5.426	-2.908	-1.00	-1.908



9.3.8. 802.11ax HE160 MODE IN UNII-6 BAND

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

Test Engineer:	32480
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	1.00	24.00	-1.00

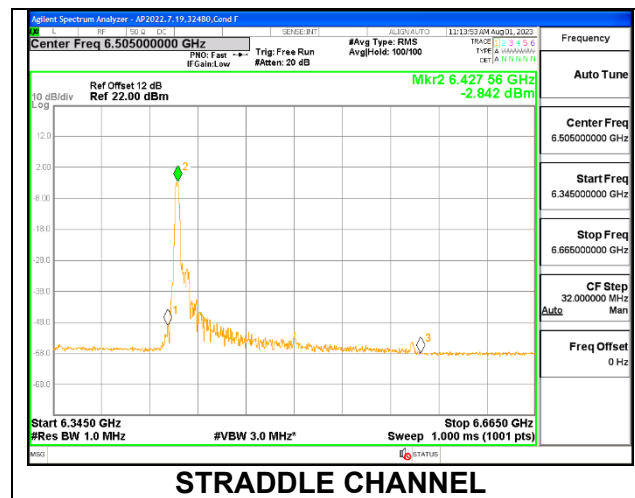
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-1.07	-0.07	24.00	-24.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-2.842	-1.842	-1.00	-0.842



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

Test Engineer:	32480
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	1.00	24.00	-1.00

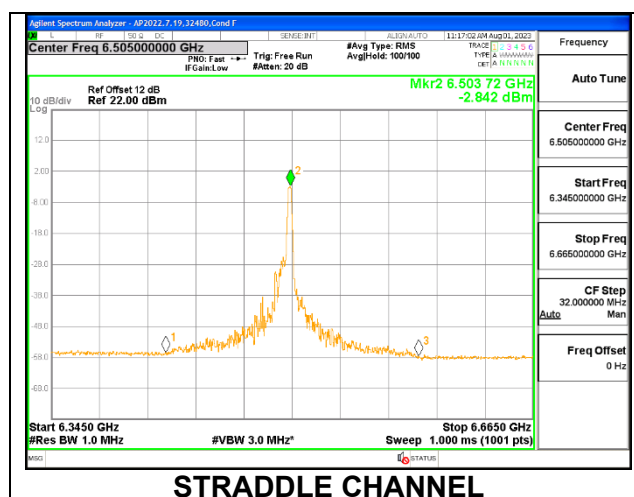
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-1.19	-0.19	24.00	-24.19

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-2.842	-1.842	-1.00	-0.842



1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index S36

Test Engineer:	32480
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	1.00	24.00	-1.00

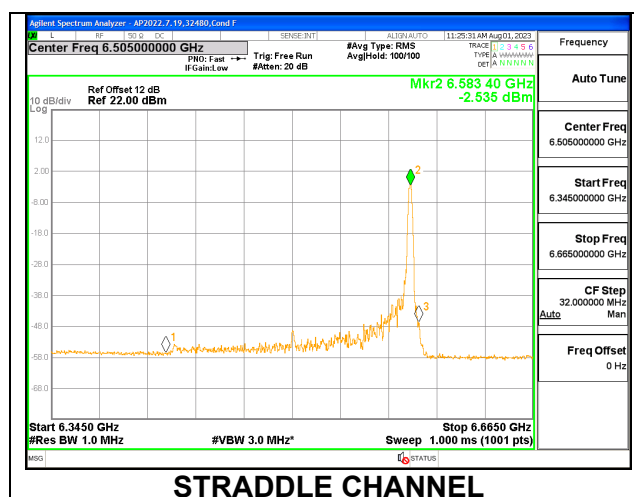
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-1.15	-0.15	24.00	-24.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-2.535	-1.535	-1.00	-0.535



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	1.00	24.00	-1.00

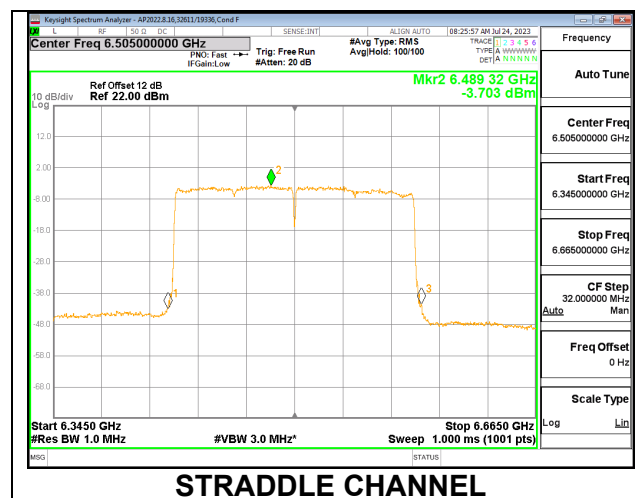
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	16.42	17.42	24.00	-6.58

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-3.703	-2.603	-1.00	-1.603



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

Test Engineer:	32480
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	-0.50	24.00	-1.00

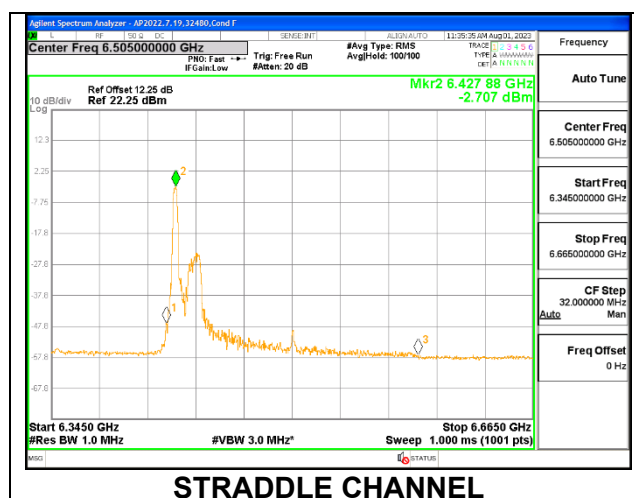
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-1.12	-1.62	24.00	-25.62

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-2.707	-3.207	-1.00	-2.207



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

Test Engineer:	32480
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	-0.50	24.00	-1.00

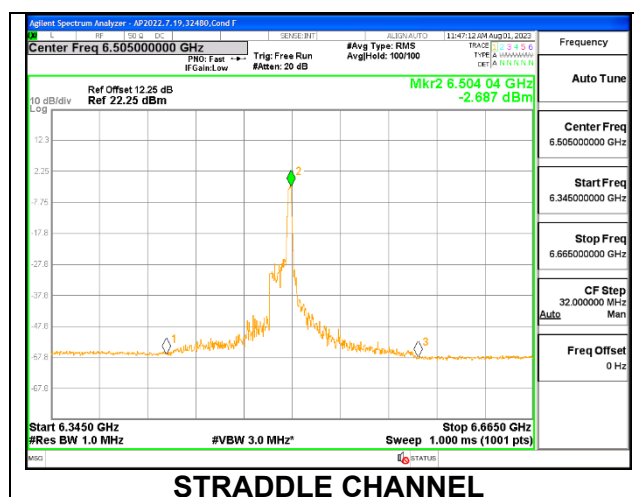
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-1.09	-1.59	24.00	-25.59

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-2.687	-3.187	-1.00	-2.187



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index S36

Test Engineer:	32480
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	-0.50	24.00	-1.00

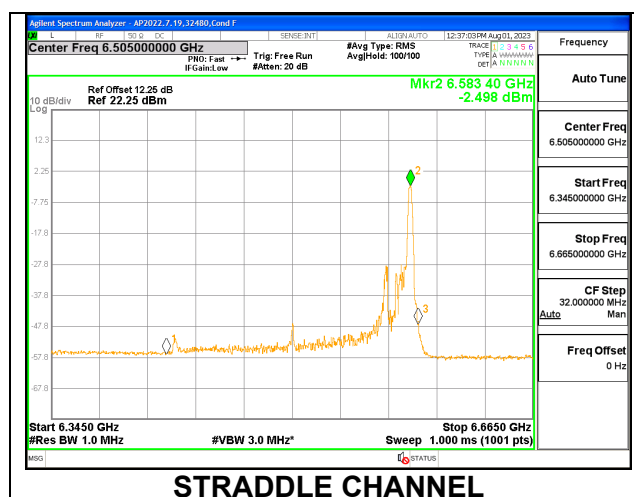
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-1.12	-1.62	24.00	-25.62

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-2.498	-2.998	-1.00	-1.998



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6505	-0.50	24.00	-1.00

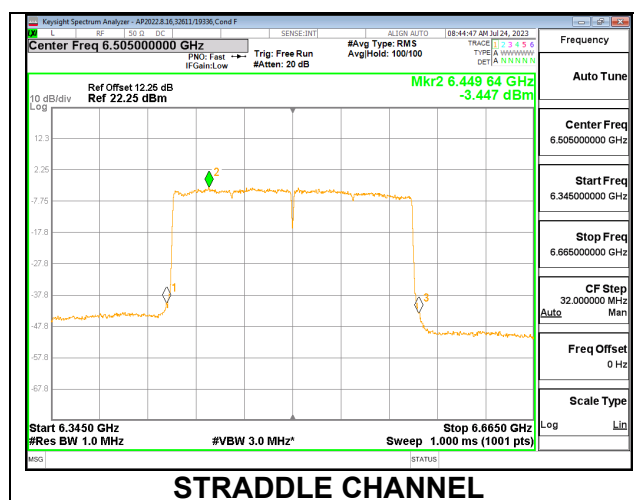
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	16.45	15.95	24.00	-8.05

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-3.447	-3.847	-1.00	-2.847



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	3.29	24.00	-1.00

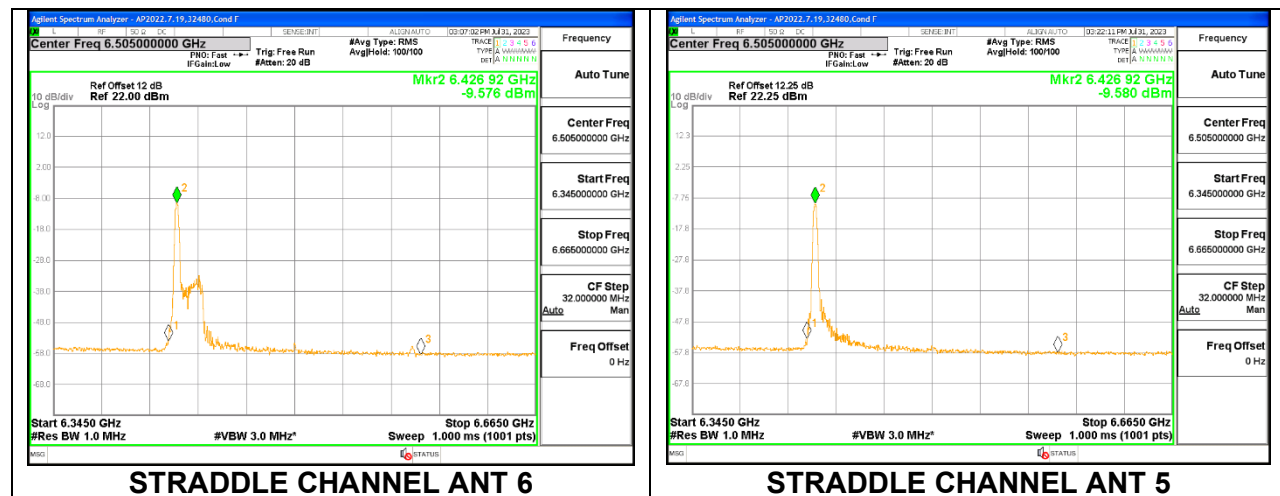
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-6.37	-6.35	-3.66	24.00	-27.66

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-9.576	-9.580	-3.278	-1.00	-2.278



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

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	3.29	24.00	-1.00

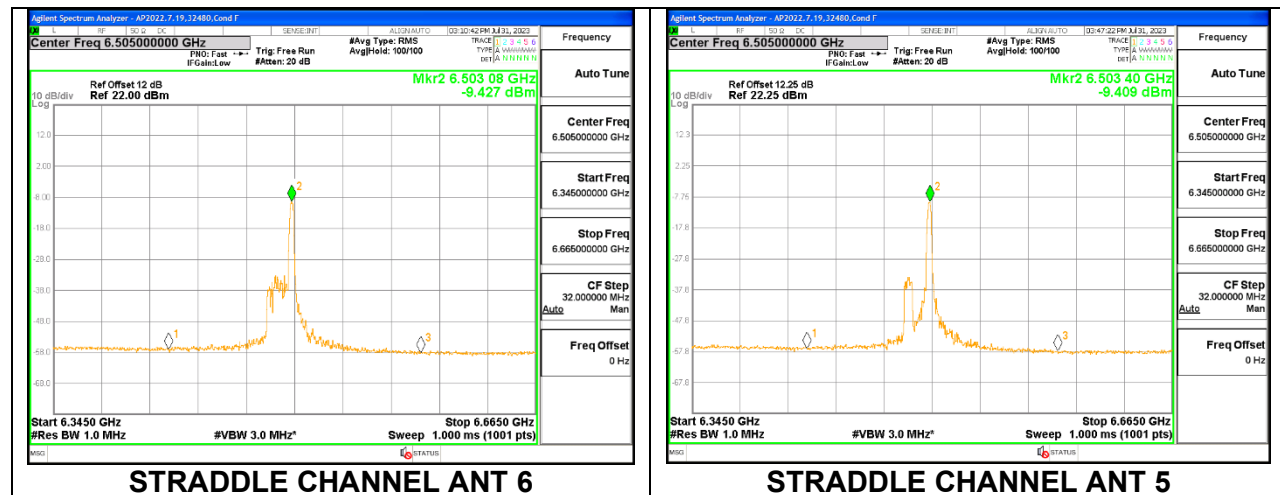
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-6.38	-6.32	-3.65	24.00	-27.65

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-9.427	-9.409	-3.118	-1.00	-2.118



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index S36

Test Engineer:	32480
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	3.29	24.00	-1.00

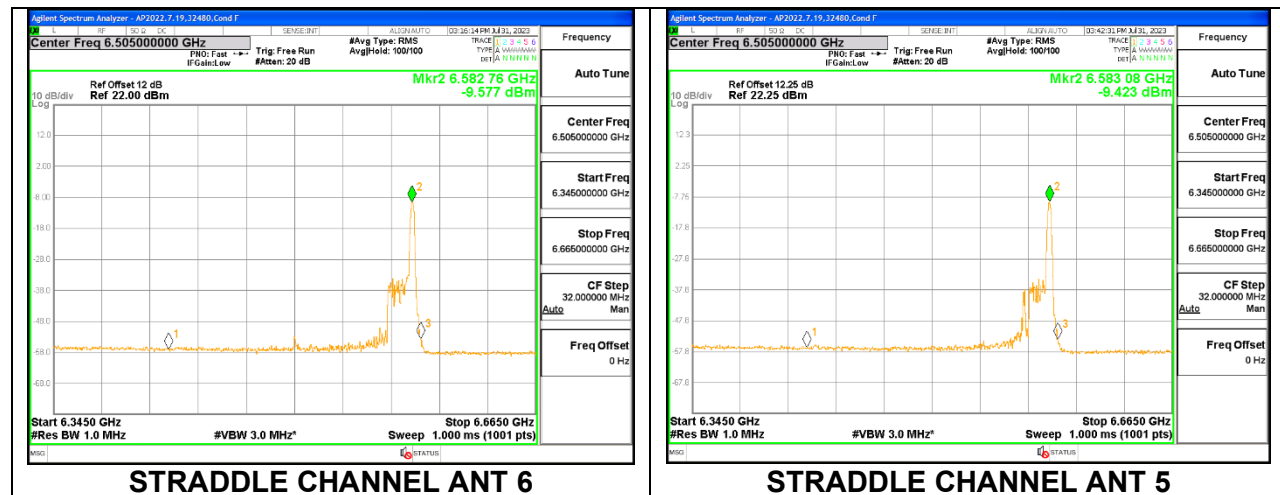
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-6.38	-6.36	-3.67	24.00	-27.67

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-9.577	-9.423	-3.199	-1.00	-2.199



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

Test Engineer:	19336
Test Date:	7/24/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	3.29	24.00	-1.00

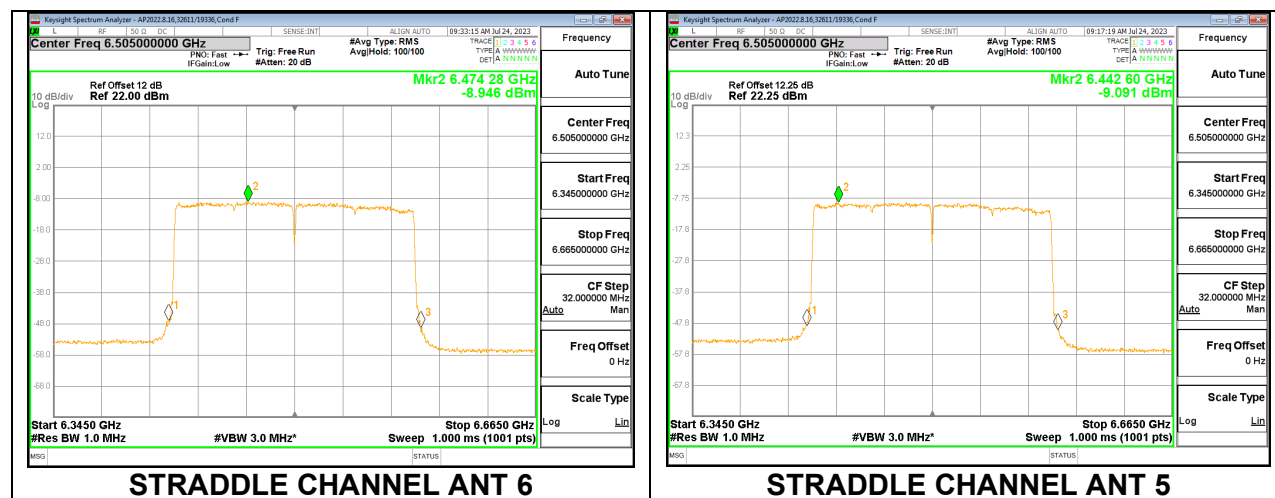
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	11.24	11.22	13.93	24.00	-10.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-8.946	-9.091	-2.618	-1.00	-1.618



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	-0.31	24.00	-1.00

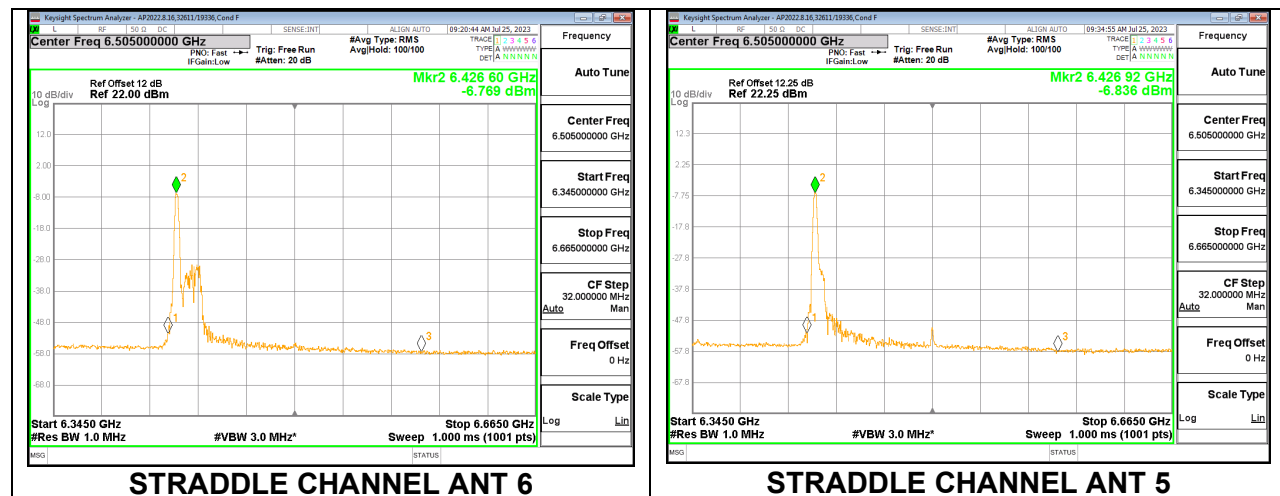
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-3.37	-3.38	-0.67	24.00	-24.67

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-6.769	-6.836	-4.102	-1.00	-3.102



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	-0.31	24.00	-1.00

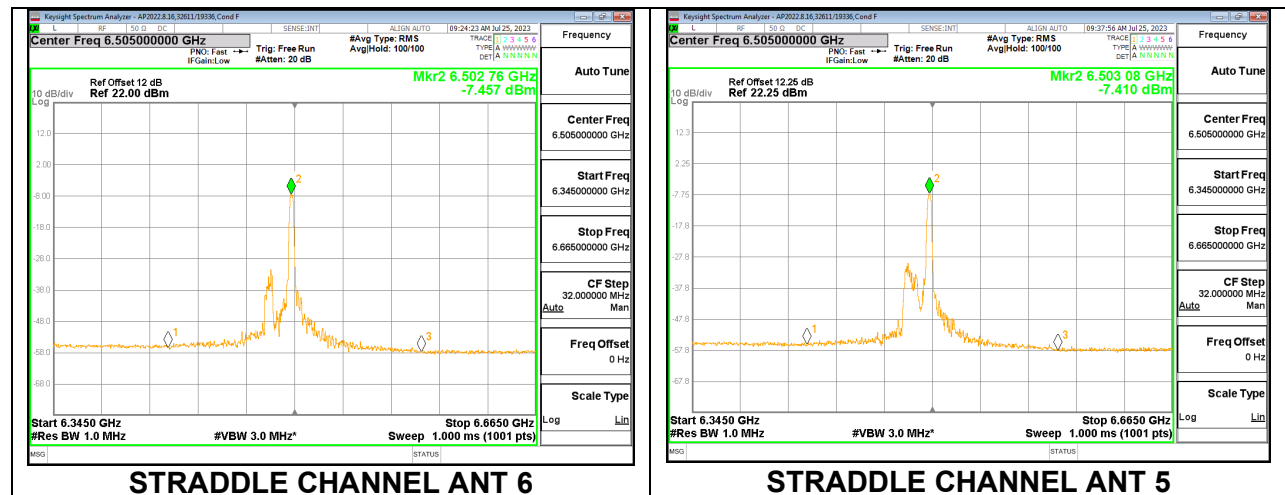
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-3.32	-3.42	-0.67	24.00	-24.67

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-7.457	-7.410	-4.733	-1.00	-3.733



2TX Antenna 6 + Antenna 5 SDM MODE (FCC) – 26 Tones, RU Index S36

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	-0.31	24.00	-1.00

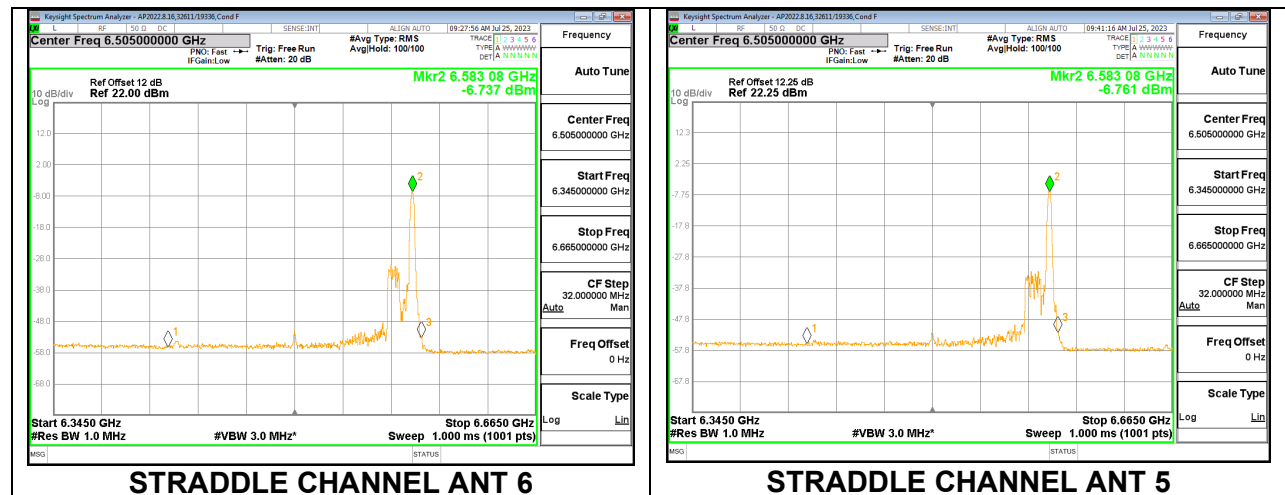
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	-3.38	-3.38	-0.68	24.00	-24.68

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-6.737	-6.761	-4.049	-1.00	-3.049



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

Test Engineer:	19336
Test Date:	7/25/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Straddle	6505	-0.31	-0.31	24.00	-1.00

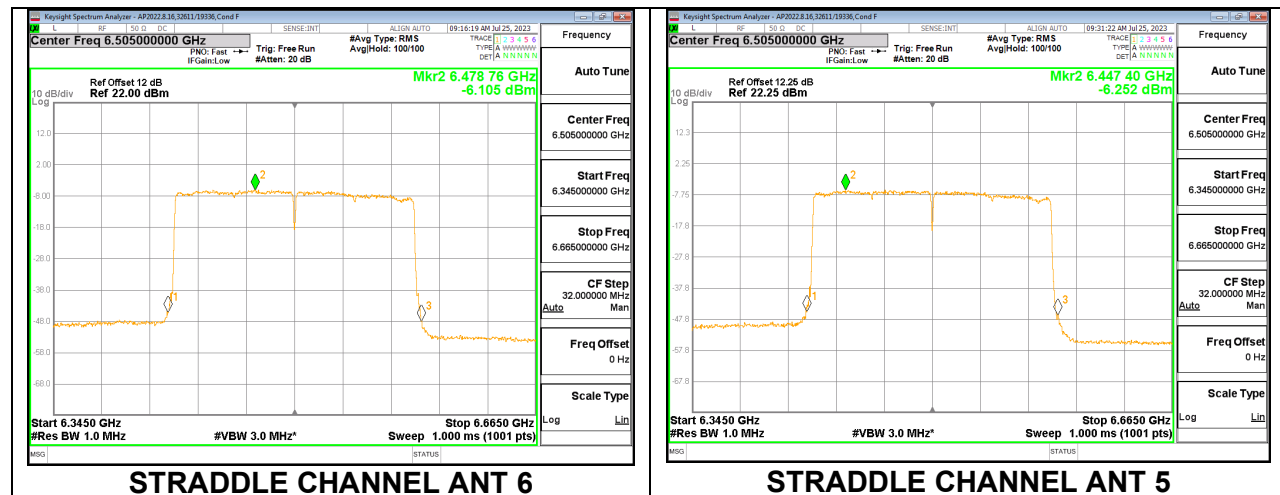
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6505	14.25	14.25	16.95	24.00	-7.05

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Straddle	6505	-6.105	-6.252	-3.288	-1.00	-2.288



9.3.9. 802.11ax HE20 MODE IN THE UNII-7 BAND

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

Test Engineer:	32543
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	1.00	24.00	-1.00
Mid	6715	1.00	24.00	-1.00
Straddle	6875	1.40	24.00	-1.00

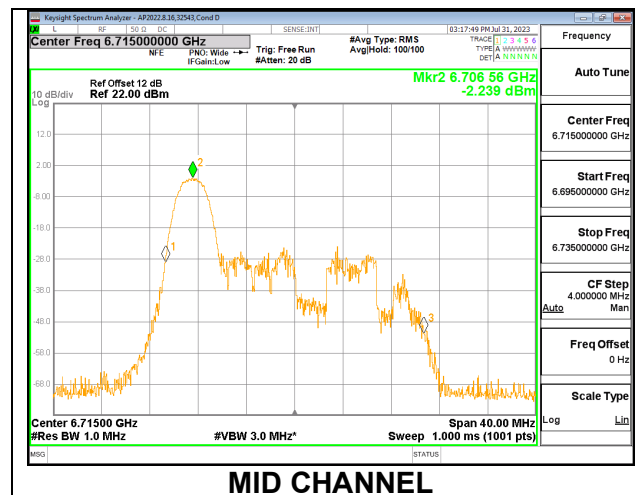
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-1.04	-0.04	24.00	-24.04
Mid	6715	-1.07	-0.07	24.00	-24.07
Straddle	6875	-1.52	-0.12	24.00	-24.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-2.160	-1.160	-1.00	-0.160
Mid	6715	-2.239	-1.239	-1.00	-0.239
Straddle	6875	-2.723	-1.323	-1.00	-0.323



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

Test Engineer:	32543
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	1.00	24.00	-1.00
Mid	6715	1.00	24.00	-1.00
Straddle	6875	1.40	24.00	-1.00

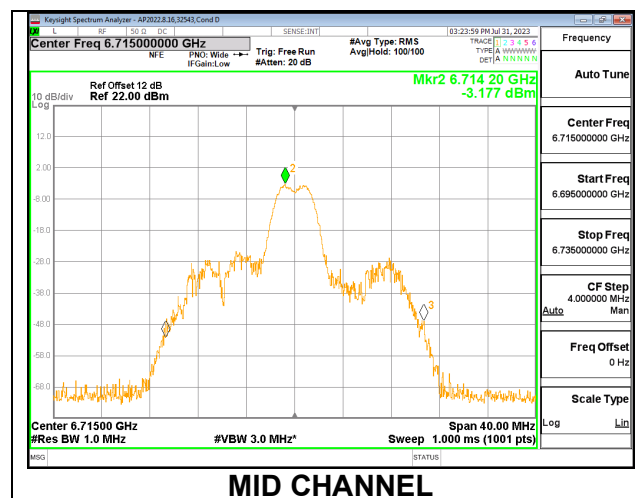
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-1.11	-0.11	24.00	-24.11
Mid	6715	-1.08	-0.08	24.00	-24.08
Straddle	6875	-1.57	-0.17	24.00	-24.17

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-3.131	-2.131	-1.00	-1.131
Mid	6715	-3.177	-2.177	-1.00	-1.177
Straddle	6875	-3.793	-2.393	-1.00	-1.393



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

Test Engineer:	32543
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	1.00	24.00	-1.00
Mid	6715	1.00	24.00	-1.00
Straddle	6875	1.40	24.00	-1.00

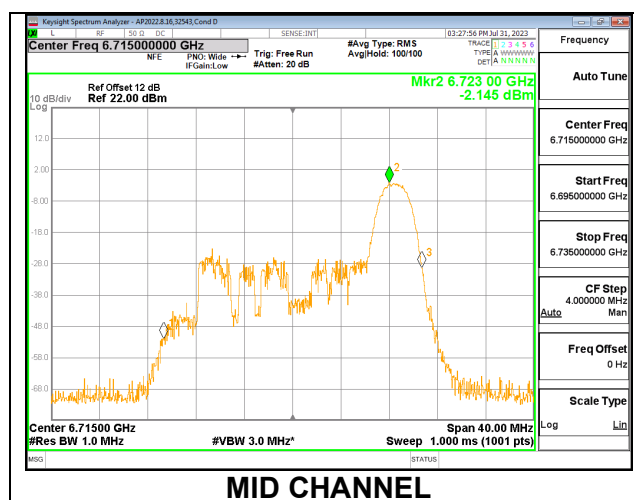
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-1.18	-0.18	24.00	-24.18
Mid	6715	-1.12	-0.12	24.00	-24.12
Straddle	6875	-1.53	-0.13	24.00	-24.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-2.410	-1.410	-1.00	-0.410
Mid	6715	-2.145	-1.145	-1.00	-0.145
Straddle	6875	-2.792	-1.392	-1.00	-0.392



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	32480
Test Date:	7/19/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	1.00	24.00	-1.00
Mid	6715	1.00	24.00	-1.00
Straddle	6875	1.40	24.00	-1.00

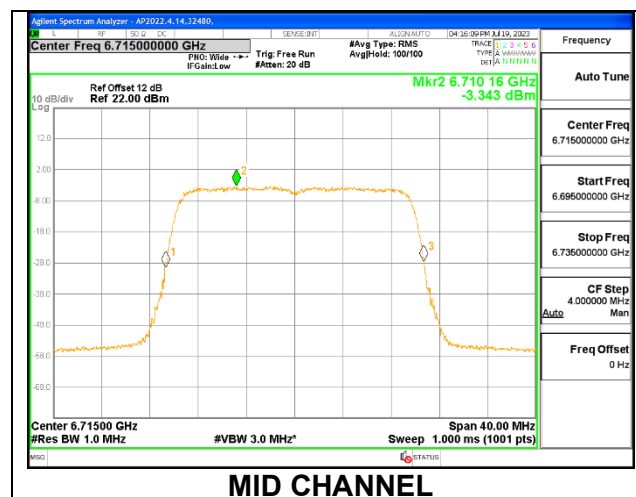
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	7.89	8.89	24.00	-15.11
Mid	6715	7.91	8.91	24.00	-15.09
Straddle	6875	7.45	8.85	24.00	-15.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-3.406	-2.406	-1.00	-1.406
Mid	6715	-3.343	-2.343	-1.00	-1.343
Straddle	6875	-3.931	-2.531	-1.00	-1.531



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

Test Engineer:	32543
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	-1.10	24.00	-1.00
Mid	6715	-1.10	24.00	-1.00
Straddle	6875	-1.10	24.00	-1.00

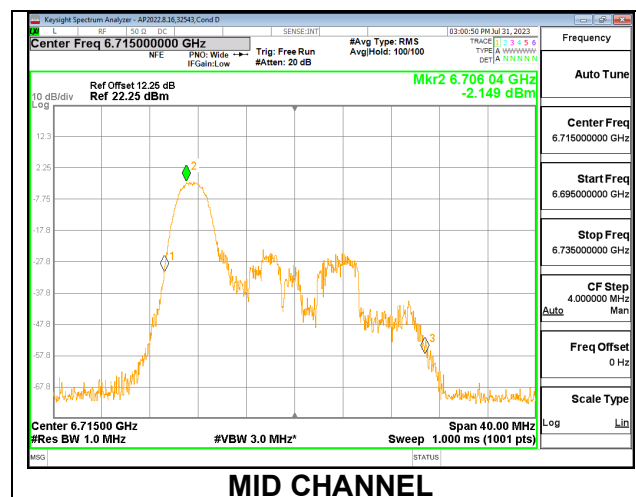
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-1.16	-2.26	24.00	-26.26
Mid	6715	-1.06	-2.16	24.00	-26.16
Straddle	6875	-1.52	-2.62	24.00	-26.62

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-2.165	-3.265	-1.00	-2.265
Mid	6715	-2.149	-3.249	-1.00	-2.249
Straddle	6875	-2.739	-3.839	-1.00	-2.839



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

Test Engineer:	32543
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	-1.10	24.00	-1.00
Mid	6715	-1.10	24.00	-1.00
Straddle	6875	-1.10	24.00	-1.00

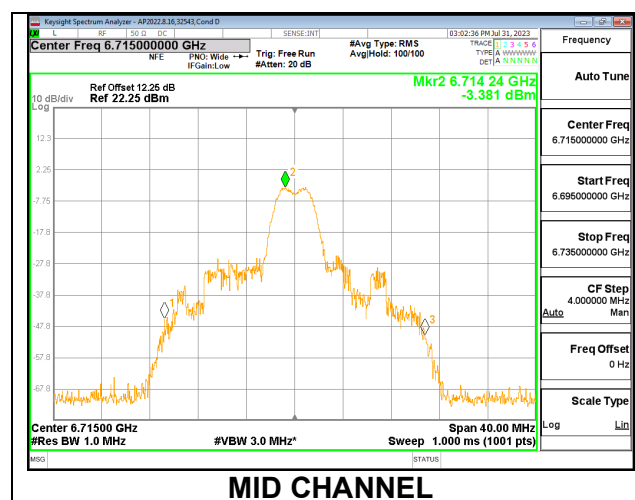
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-1.07	-2.17	24.00	-26.17
Mid	6715	-1.16	-2.26	24.00	-26.26
Straddle	6875	-1.58	-2.68	24.00	-26.68

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-3.278	-4.378	-1.00	-3.378
Mid	6715	-3.381	-4.481	-1.00	-3.481
Straddle	6875	-3.432	-4.532	-1.00	-3.532



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

Test Engineer:	32543
Test Date:	7/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	-1.10	24.00	-1.00
Mid	6715	-1.10	24.00	-1.00
Straddle	6875	-1.10	24.00	-1.00

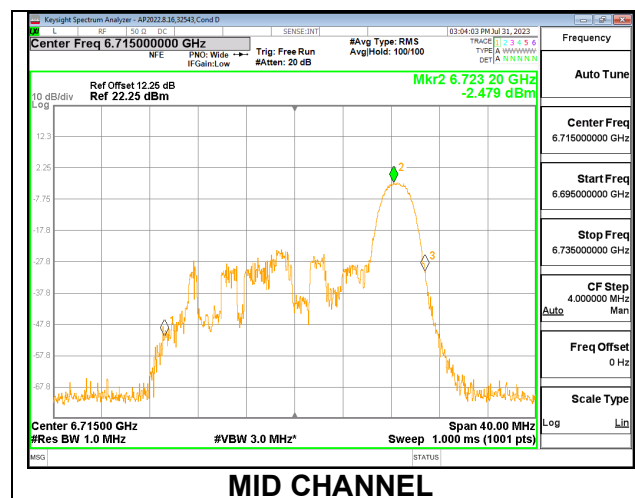
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-1.04	-2.14	24.00	-26.14
Mid	6715	-1.09	-2.19	24.00	-26.19
Straddle	6875	-1.55	-2.65	24.00	-26.65

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-2.126	-3.226	-1.00	-2.226
Mid	6715	-2.479	-3.579	-1.00	-2.579
Straddle	6875	-2.856	-3.956	-1.00	-2.956



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	32480
Test Date:	7/20/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6535	-1.10	24.00	-1.00
Mid	6715	-1.10	24.00	-1.00
Straddle	6875	-1.10	24.00	-1.00

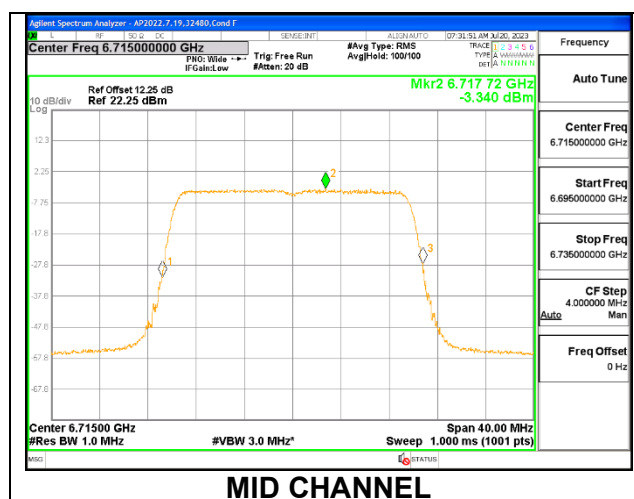
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	7.85	6.75	24.00	-17.25
Mid	6715	7.95	6.85	24.00	-17.15
Straddle	6875	7.44	6.34	24.00	-17.66

PSD Results

Channel	Frequency (MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-3.576	-4.676	-1.00	-3.676
Mid	6715	-3.340	-4.440	-1.00	-3.440
Straddle	6875	-3.994	-5.094	-1.00	-4.094



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

Test Engineer:	32480
Test Date:	7/20/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6535	0.08	3.02	24.00	-1.00
Mid	6715	0.08	3.02	24.00	-1.00
Straddle	6875	0.33	3.25	24.00	-1.00

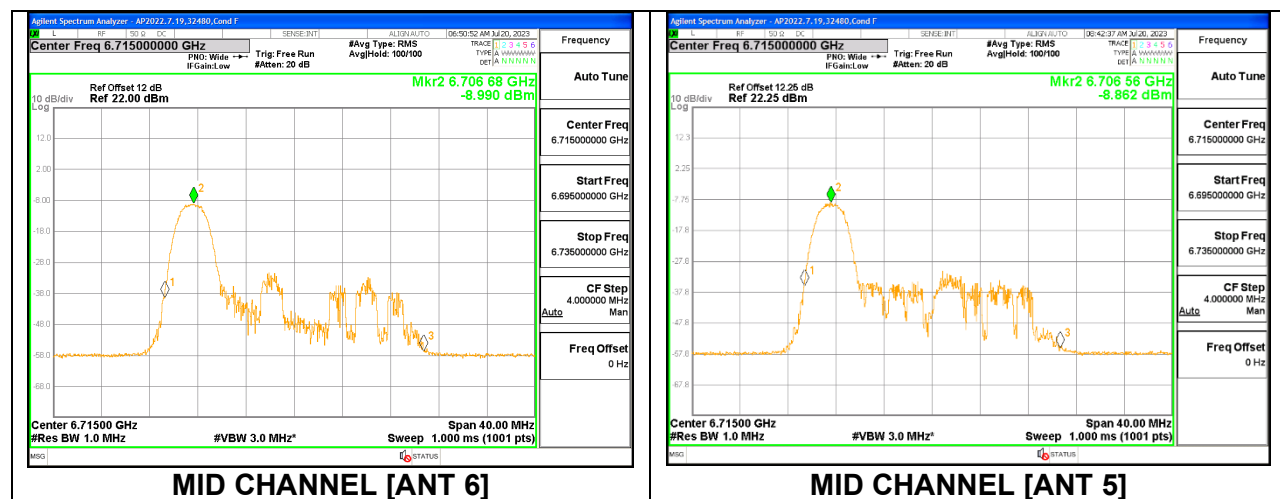
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-6.37	-6.33	-3.26	24.00	-27.26
Mid	6715	-6.32	-6.37	-3.26	24.00	-27.26
Straddle	6875	-6.32	-6.40	-3.02	24.00	-27.02

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-8.619	-8.682	-2.616	-1.00	-1.616
Mid	6715	-8.990	-8.862	-2.892	-1.00	-1.892
Straddle	6875	-8.680	-8.931	-2.543	-1.00	-1.543



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

Test Engineer:	32480
Test Date:	7/20/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6535	0.08	3.02	24.00	-1.00
Mid	6715	0.08	3.02	24.00	-1.00
Straddle	6875	0.33	3.25	24.00	-1.00

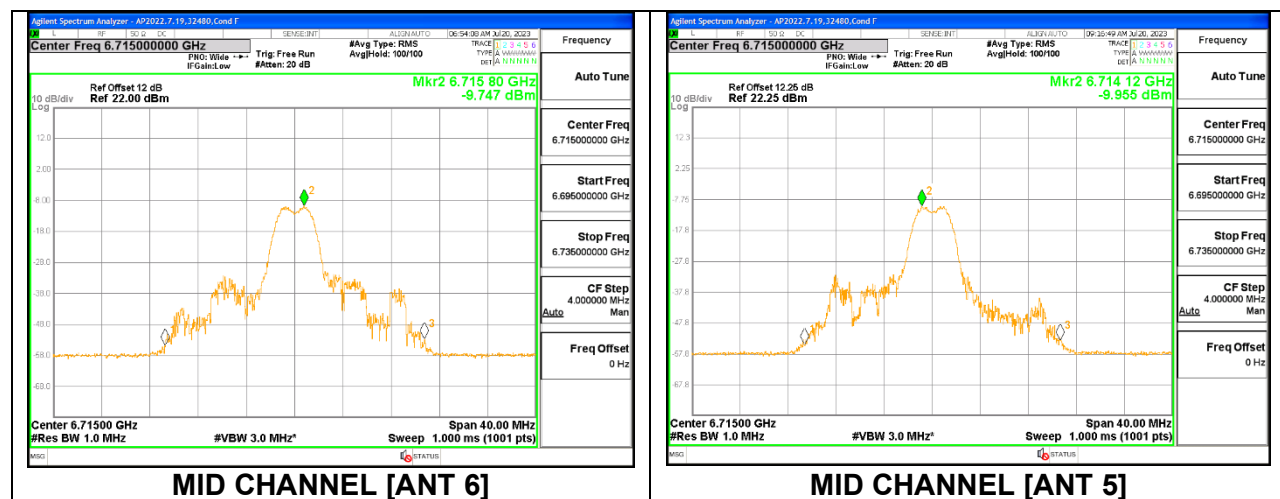
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-6.35	-6.38	-3.28	24.00	-27.28
Mid	6715	-6.33	-6.34	-3.25	24.00	-27.25
Straddle	6875	-6.48	-6.40	-3.10	24.00	-27.10

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-9.909	-9.840	-3.840	-1.00	-2.840
Mid	6715	-9.747	-9.955	-3.816	-1.00	-2.816
Straddle	6875	-10.077	-9.878	-3.716	-1.00	-2.716



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

Test Engineer:	32480
Test Date:	7/20/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6535	0.08	3.02	24.00	-1.00
Mid	6715	0.08	3.02	24.00	-1.00
Straddle	6875	0.33	3.25	24.00	-1.00

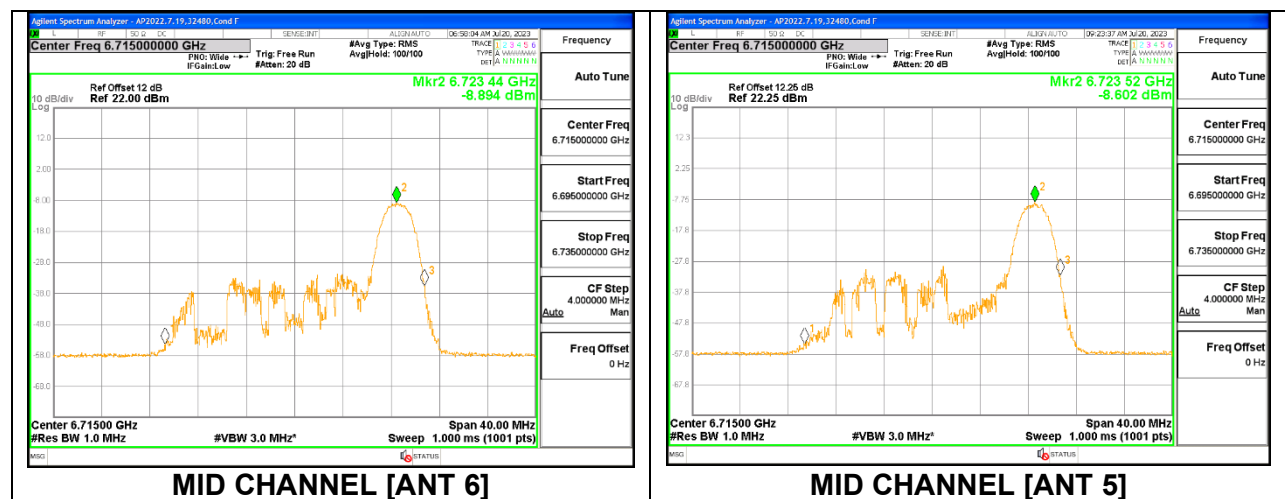
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-6.42	-6.34	-3.29	24.00	-27.29
Mid	6715	-6.31	-6.42	-3.28	24.00	-27.28
Straddle	6875	-6.45	-6.38	-3.07	24.00	-27.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-8.700	-8.705	-2.669	-1.00	-1.669
Mid	6715	-8.894	-8.602	-2.712	-1.00	-1.712
Straddle	6875	-8.676	-8.990	-2.570	-1.00	-1.570



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

Test Engineer:	32480
Test Date:	7/20/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	6535	0.08	3.02	24.00	-1.00
Mid	6715	0.08	3.02	24.00	-1.00
Straddle	6875	0.33	3.25	24.00	-1.00

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 EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	2.74	2.72	5.82	24.00	-18.18
Mid	6715	2.65	2.71	5.77	24.00	-18.23
Straddle	6875	2.74	2.72	6.07	24.00	-17.93

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total EIRP Corr'd PSD (dBm/ 1MHz)	EIRP PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	6535	-8.346	-8.488	-2.383	-1.00	-1.383
Mid	6715	-8.672	-8.747	-2.675	-1.00	-1.675
Straddle	6875	-8.455	-8.588	-2.261	-1.00	-1.261

