

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

Test Engineer:	32593
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	6535	0.08	0.08	24.00	-1.00
Mid	6715	0.08	0.08	24.00	-1.00
Straddle	6875	0.33	0.33	24.00	-1.00

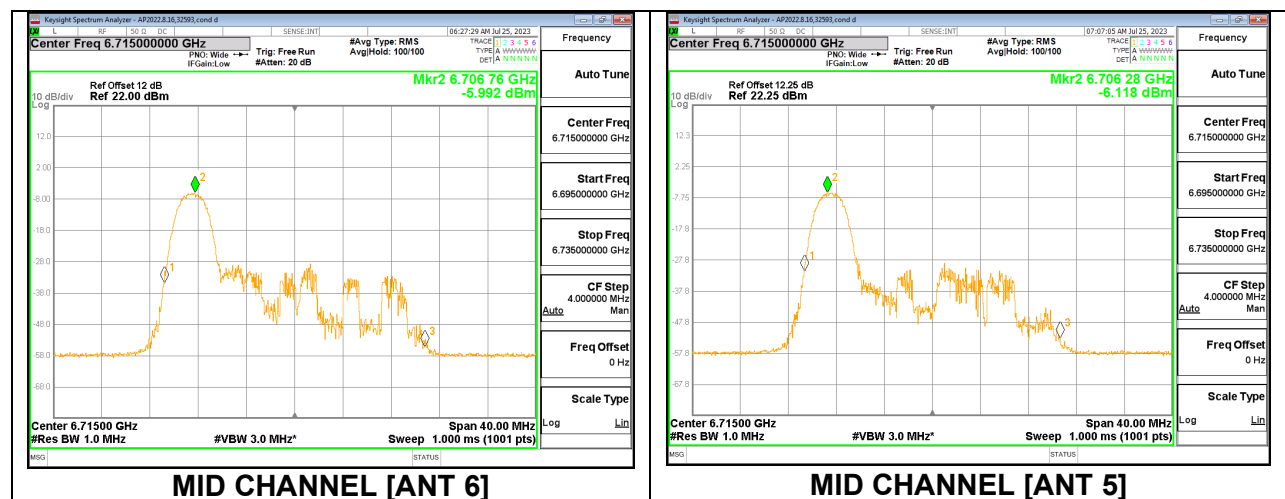
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-3.38	-3.41	-0.31	24.00	-24.31
Mid	6715	-3.37	-3.44	-0.32	24.00	-24.32
Straddle	6875	-3.45	-3.36	-0.06	24.00	-24.06

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	-5.906	-6.108	-2.920	-1.00	-1.920
Mid	6715	-5.992	-6.118	-2.969	-1.00	-1.969
Straddle	6875	-5.728	-5.843	-2.445	-1.00	-1.445



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

Test Engineer:	32593
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	6535	0.08	0.08	24.00	-1.00
Mid	6715	0.08	0.08	24.00	-1.00
Straddle	6875	0.33	0.33	24.00	-1.00

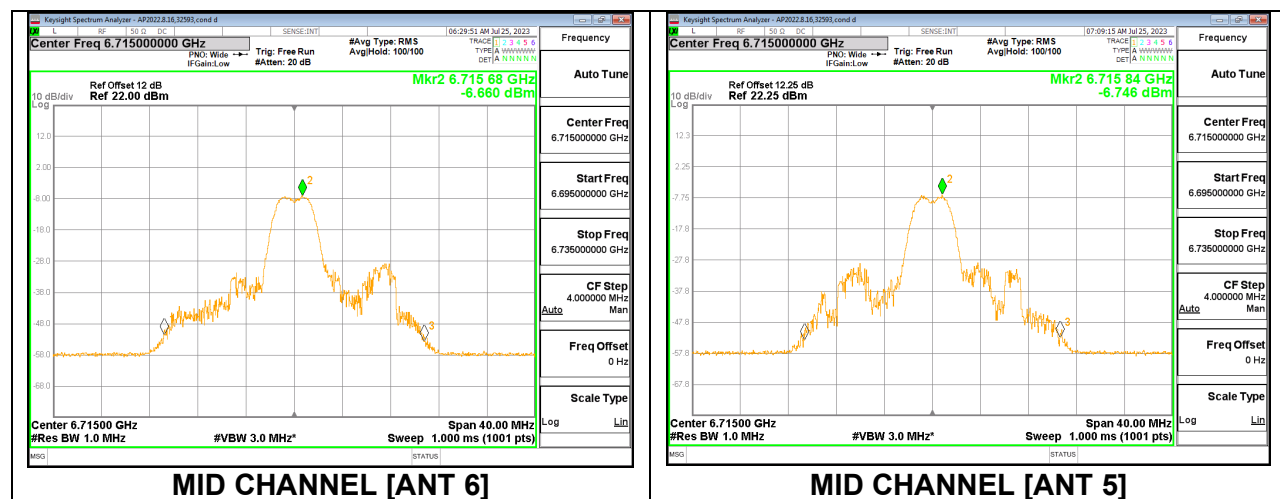
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-3.34	-3.39	-0.28	24.00	-24.28
Mid	6715	-3.32	-3.40	-0.27	24.00	-24.27
Straddle	6875	-3.43	-3.33	-0.04	24.00	-24.04

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	-6.777	-6.818	-3.711	-1.00	-2.711
Mid	6715	-6.660	-6.746	-3.617	-1.00	-2.617
Straddle	6875	-6.717	-6.694	-3.365	-1.00	-2.365



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

Test Engineer:	32593
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	6535	0.08	0.08	24.00	-1.00
Mid	6715	0.08	0.08	24.00	-1.00
Straddle	6875	0.33	0.33	24.00	-1.00

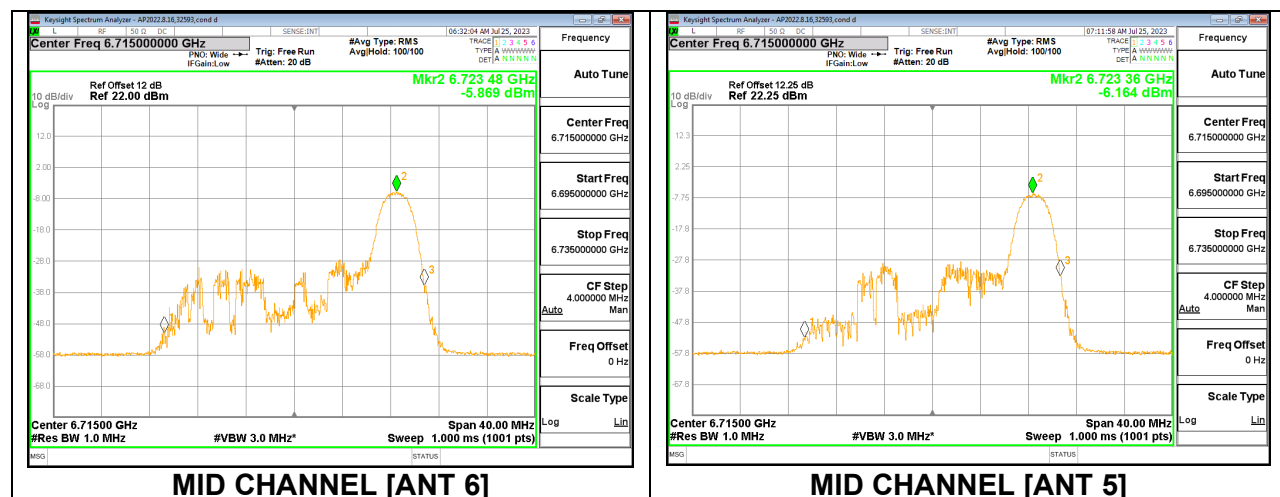
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	-3.37	-3.38	-0.29	24.00	-24.29
Mid	6715	-3.32	-3.50	-0.32	24.00	-24.32
Straddle	6875	-3.34	-3.41	-0.03	24.00	-24.03

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	-6.100	-6.234	-3.080	-1.00	-2.080
Mid	6715	-5.869	-6.164	-2.928	-1.00	-1.928
Straddle	6875	-5.807	-5.928	-2.527	-1.00	-1.527



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

Test Engineer:	32593
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	6535	0.08	0.08	24.00	-1.00
Mid	6715	0.08	0.08	24.00	-1.00
Straddle	6875	0.33	0.33	24.00	-1.00

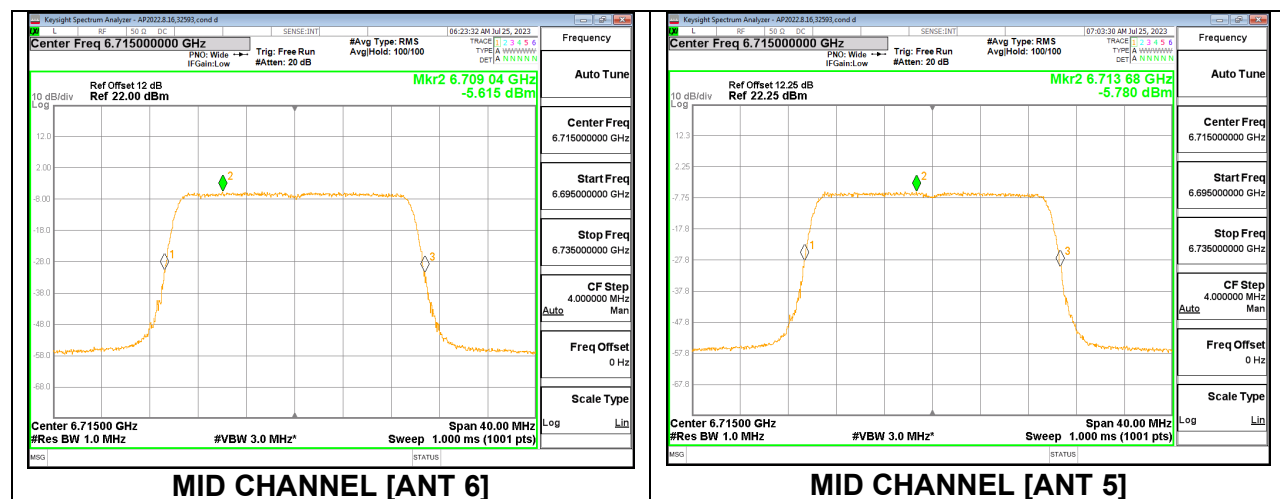
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6535	5.70	5.73	8.80	24.00	-15.20
Mid	6715	5.72	5.74	8.82	24.00	-15.18
Straddle	6875	5.72	5.71	9.06	24.00	-14.94

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	-5.640	-5.858	-2.662	-1.00	-1.662
Mid	6715	-5.615	-5.780	-2.611	-1.00	-1.611
Straddle	6875	-5.601	-5.748	-2.334	-1.00	-1.334



9.3.10. 802.11ax HE40 MODE IN THE UNII-7 BAND**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0**

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	6565	1.00	24.00	-1.00
Mid	6685	1.00	24.00	-1.00
High	6845	1.00	24.00	-1.00

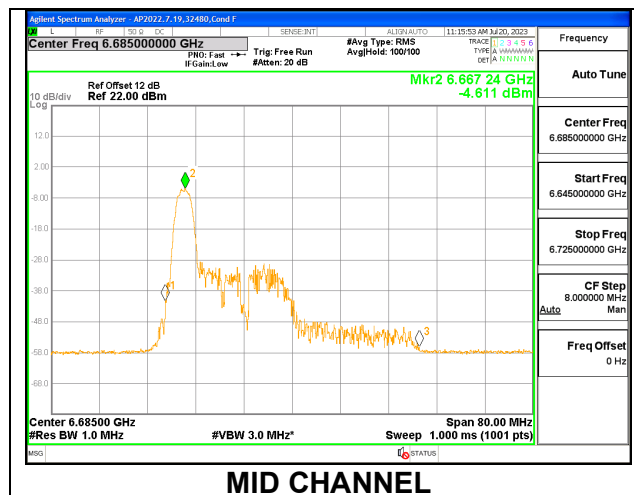
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-1.12	-0.12	24.00	-24.12
Mid	6685	-1.12	-0.12	24.00	-24.12
High	6845	-1.06	-0.06	24.00	-24.06

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	6565	-4.845	-3.845	-1.00	-2.845
Mid	6685	-4.611	-3.611	-1.00	-2.611
High	6845	-4.893	-3.893	-1.00	-2.893



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

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	6565	1.00	24.00	-1.00
Mid	6685	1.00	24.00	-1.00
High	6845	1.00	24.00	-1.00

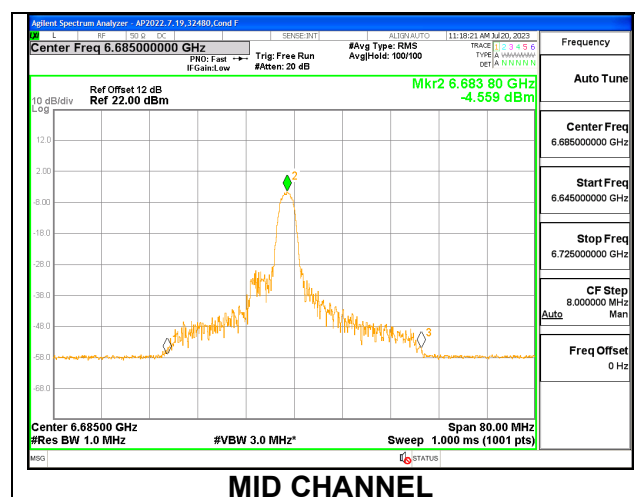
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-1.13	-0.13	24.00	-24.13
Mid	6685	-1.04	-0.04	24.00	-24.04
High	6845	-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	6565	-4.391	-3.391	-1.00	-2.391
Mid	6685	-4.559	-3.559	-1.00	-2.559
High	6845	-4.929	-3.929	-1.00	-2.929



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

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	6565	1.00	24.00	-1.00
Mid	6685	1.00	24.00	-1.00
High	6845	1.00	24.00	-1.00

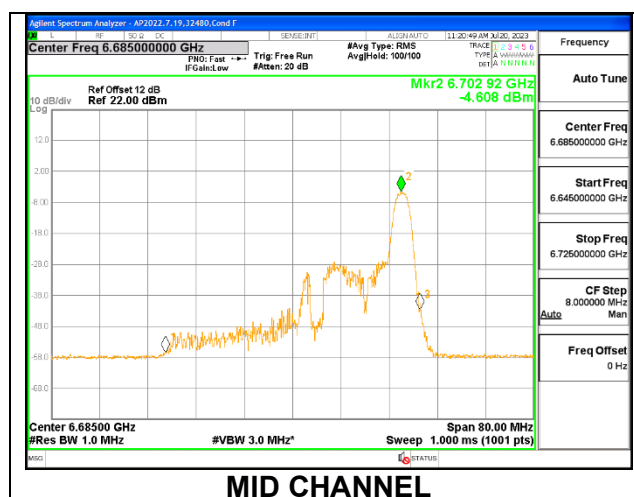
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-1.12	-0.12	24.00	-24.12
Mid	6685	-1.04	-0.04	24.00	-24.04
High	6845	-1.09	-0.09	24.00	-24.09

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	6565	-4.775	-3.775	-1.00	-2.775
Mid	6685	-4.608	-3.608	-1.00	-2.608
High	6845	-4.848	-3.848	-1.00	-2.848



1TX Antenna 6 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	6565	1.00	24.00	-1.00
Mid	6685	1.00	24.00	-1.00
High	6845	1.00	24.00	-1.00

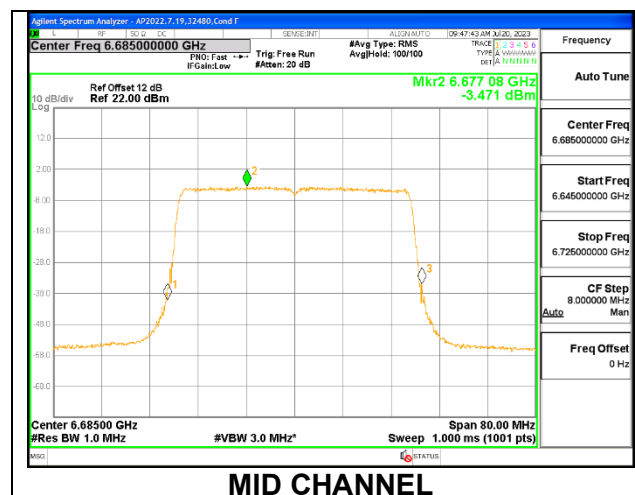
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	10.95	11.95	24.00	-12.05
Mid	6685	10.89	11.89	24.00	-12.11
High	6845	10.95	11.95	24.00	-12.05

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	6565	-3.309	-2.309	-1.00	-1.309
Mid	6685	-3.471	-2.471	-1.00	-1.471
High	6845	-3.610	-2.610	-1.00	-1.610



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

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	6565	-1.10	24.00	-1.00
Mid	6685	-1.10	24.00	-1.00
High	6845	-1.10	24.00	-1.00

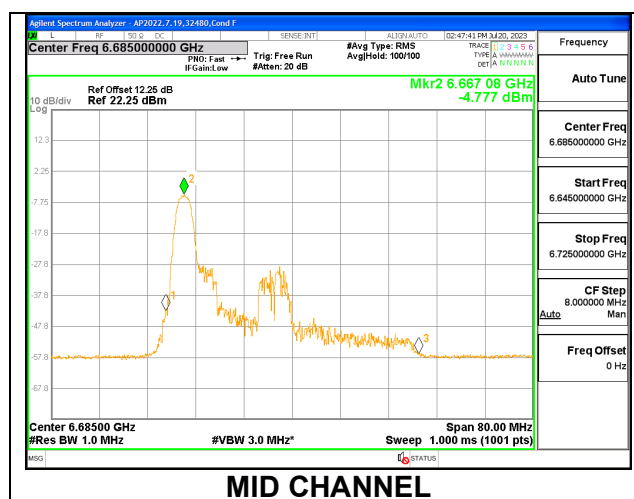
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-1.18	-2.28	24.00	-26.28
Mid	6685	-1.05	-2.15	24.00	-26.15
High	6845	-1.27	-2.37	24.00	-26.37

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	6565	-4.539	-5.639	-1.00	-4.639
Mid	6685	-4.777	-5.877	-1.00	-4.877
High	6845	-4.909	-6.009	-1.00	-5.009



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

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	6565	-1.10	24.00	-1.00
Mid	6685	-1.10	24.00	-1.00
High	6845	-1.10	24.00	-1.00

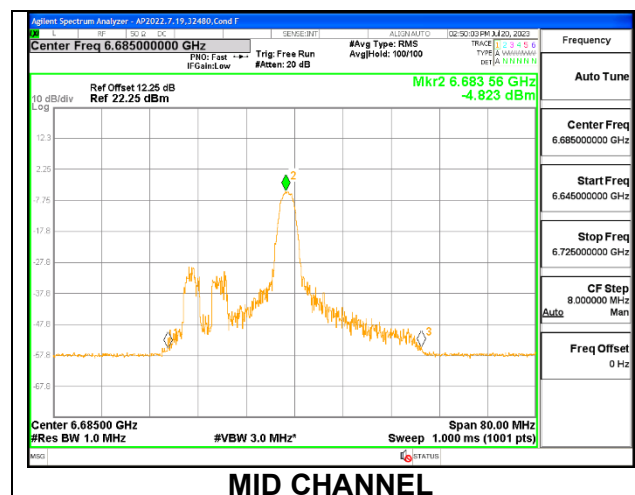
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-1.06	-2.16	24.00	-26.16
Mid	6685	-1.11	-2.21	24.00	-26.21
High	6845	-1.02	-2.12	24.00	-26.12

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	6565	-4.568	-5.668	-1.00	-4.668
Mid	6685	-4.823	-5.923	-1.00	-4.923
High	6845	-4.902	-6.002	-1.00	-5.002



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

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	6565	-1.10	24.00	-1.00
Mid	6685	-1.10	24.00	-1.00
High	6845	-1.10	24.00	-1.00

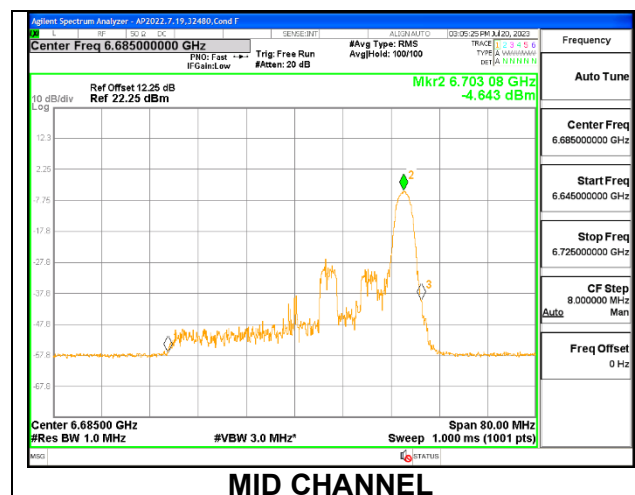
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-1.03	-2.13	24.00	-26.13
Mid	6685	-1.15	-2.25	24.00	-26.25
High	6845	-1.13	-2.23	24.00	-26.23

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	6565	-4.597	-5.697	-1.00	-4.697
Mid	6685	-4.643	-5.743	-1.00	-4.743
High	6845	-4.802	-5.902	-1.00	-4.902



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	6565	-1.10	24.00	-1.00
Mid	6685	-1.10	24.00	-1.00
High	6845	-1.10	24.00	-1.00

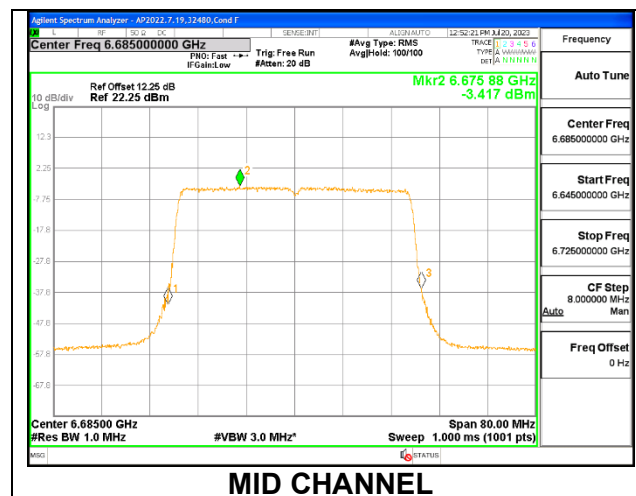
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	10.93	9.83	24.00	-14.17
Mid	6685	10.91	9.81	24.00	-14.19
High	6845	10.97	9.87	24.00	-14.13

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	6565	-3.455	-4.555	-1.00	-3.555
Mid	6685	-3.417	-4.517	-1.00	-3.517
High	6845	-3.480	-4.580	-1.00	-3.580



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	6565	0.08	3.02	24.00	-1.00
Mid	6685	0.08	3.02	24.00	-1.00
High	6845	0.08	3.02	24.00	-1.00

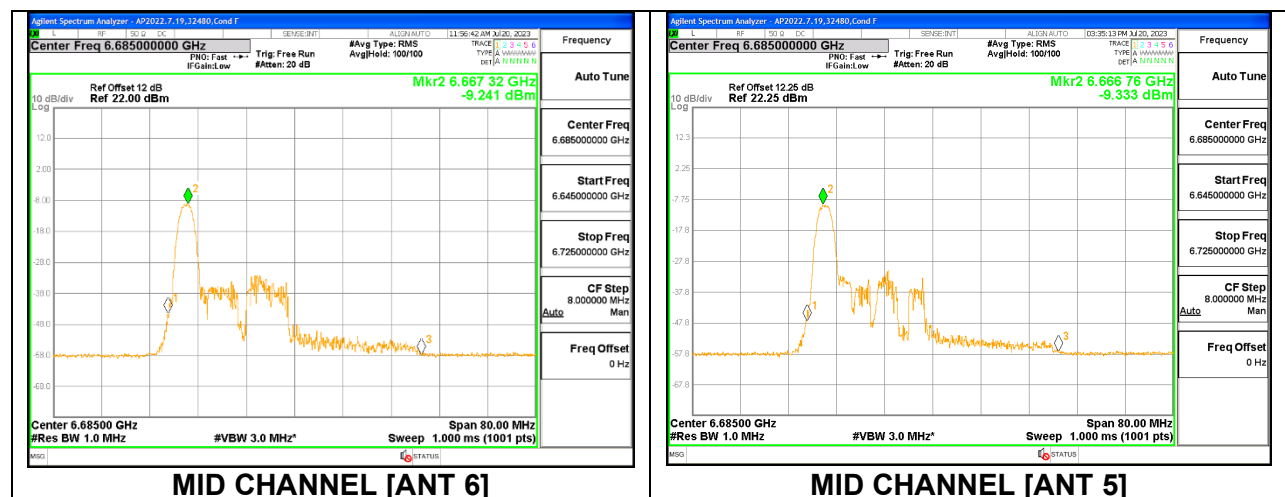
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-6.33	-6.34	-3.25	24.00	-27.25
Mid	6685	-6.32	-6.42	-3.28	24.00	-27.28
High	6845	-6.36	-6.36	-3.27	24.00	-27.27

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	6565	-9.132	-9.148	-3.106	-1.00	-2.106
Mid	6685	-9.241	-9.333	-3.253	-1.00	-2.253
High	6845	-9.143	-9.220	-3.147	-1.00	-2.147



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	6565	0.08	3.02	24.00	-1.00
Mid	6685	0.08	3.02	24.00	-1.00
High	6845	0.08	3.02	24.00	-1.00

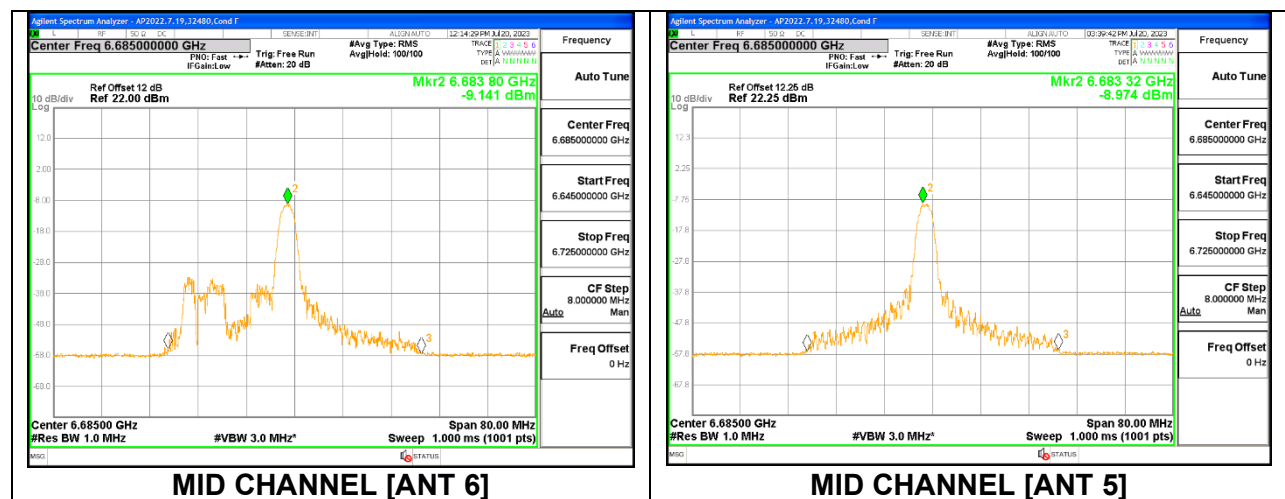
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-6.39	-6.39	-3.30	24.00	-27.30
Mid	6685	-6.34	-6.38	-3.27	24.00	-27.27
High	6845	-6.39	-6.33	-3.27	24.00	-27.27

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	6565	-9.279	-9.069	-3.139	-1.00	-2.139
Mid	6685	-9.141	-8.974	-3.023	-1.00	-2.023
High	6845	-8.902	-9.316	-3.070	-1.00	-2.070



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

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	6565	0.08	3.02	24.00	-1.00
Mid	6685	0.08	3.02	24.00	-1.00
High	6845	0.08	3.02	24.00	-1.00

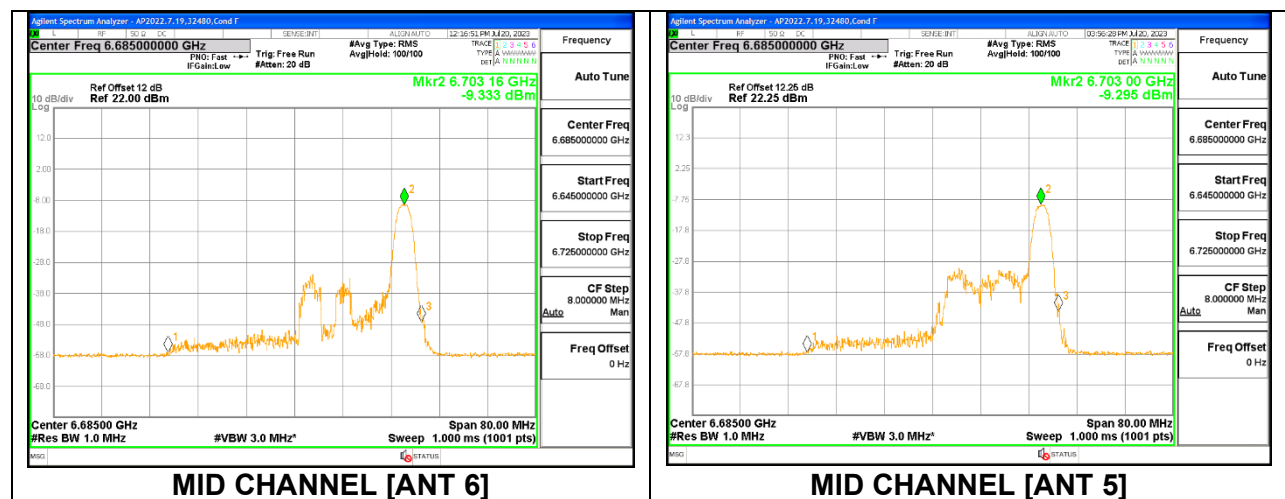
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-6.32	-6.33	-3.24	24.00	-27.24
Mid	6685	-6.32	-6.36	-3.25	24.00	-27.25
High	6845	-6.35	-6.48	-3.33	24.00	-27.33

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	6565	-9.124	-8.913	-2.983	-1.00	-1.983
Mid	6685	-9.333	-9.295	-3.280	-1.00	-2.280
High	6845	-8.964	-9.278	-3.084	-1.00	-2.084



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	6565	0.08	3.02	24.00	-1.00
Mid	6685	0.08	3.02	24.00	-1.00
High	6845	0.08	3.02	24.00	-1.00

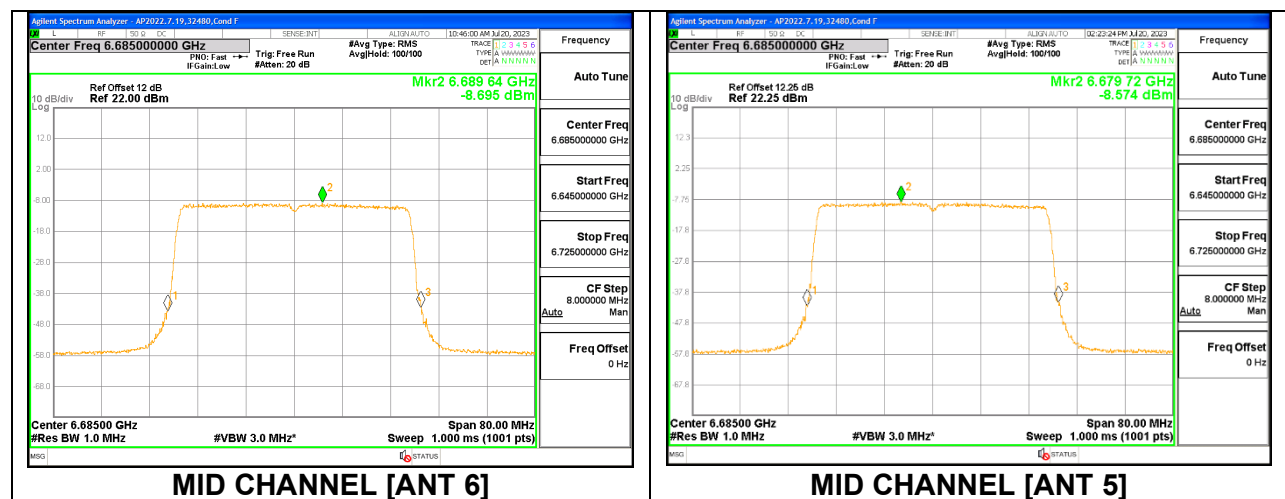
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	5.74	5.74	8.83	24.00	-15.17
Mid	6685	5.71	5.72	8.80	24.00	-15.20
High	6845	5.71	5.73	8.81	24.00	-15.19

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	6565	-8.552	-8.550	-2.517	-1.00	-1.517
Mid	6685	-8.695	-8.574	-2.600	-1.00	-1.600
High	6845	-8.783	-8.504	-2.607	-1.00	-1.607



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

Test Engineer:	32593
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	6565	0.08	0.08	24.00	-1.00
Mid	6685	0.08	0.08	24.00	-1.00
High	6845	0.08	0.08	24.00	-1.00

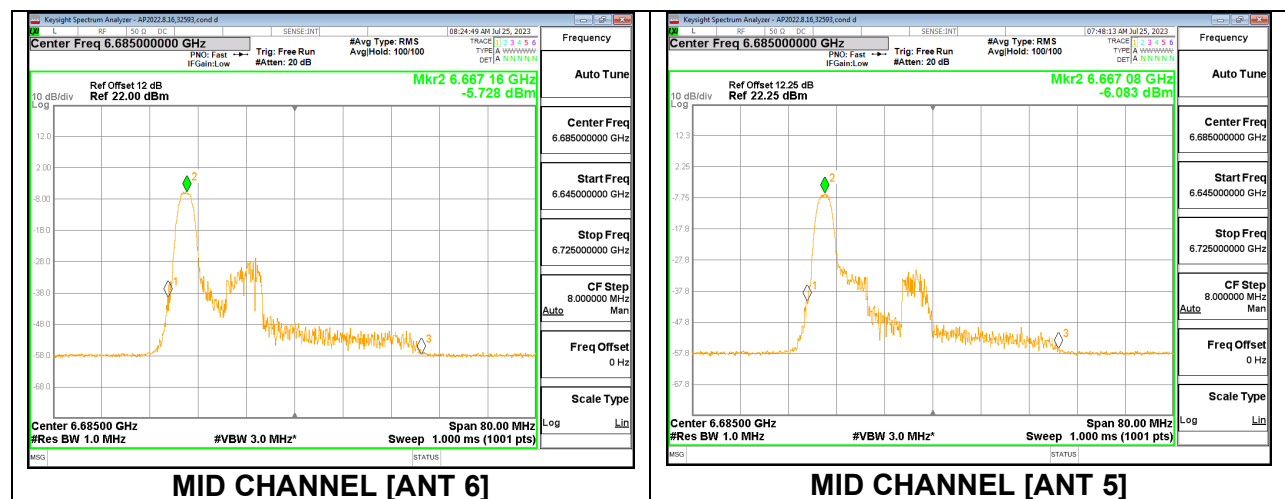
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-3.32	-3.48	-0.31	24.00	-24.31
Mid	6685	-3.35	-3.37	-0.27	24.00	-24.27
High	6845	-3.38	-3.41	-0.31	24.00	-24.31

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	6565	-6.036	-5.901	-2.882	-1.00	-1.882
Mid	6685	-5.728	-6.083	-2.816	-1.00	-1.816
High	6845	-6.041	-6.055	-2.962	-1.00	-1.962



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

Test Engineer:	32593
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	6565	0.08	0.08	24.00	-1.00
Mid	6685	0.08	0.08	24.00	-1.00
High	6845	0.08	0.08	24.00	-1.00

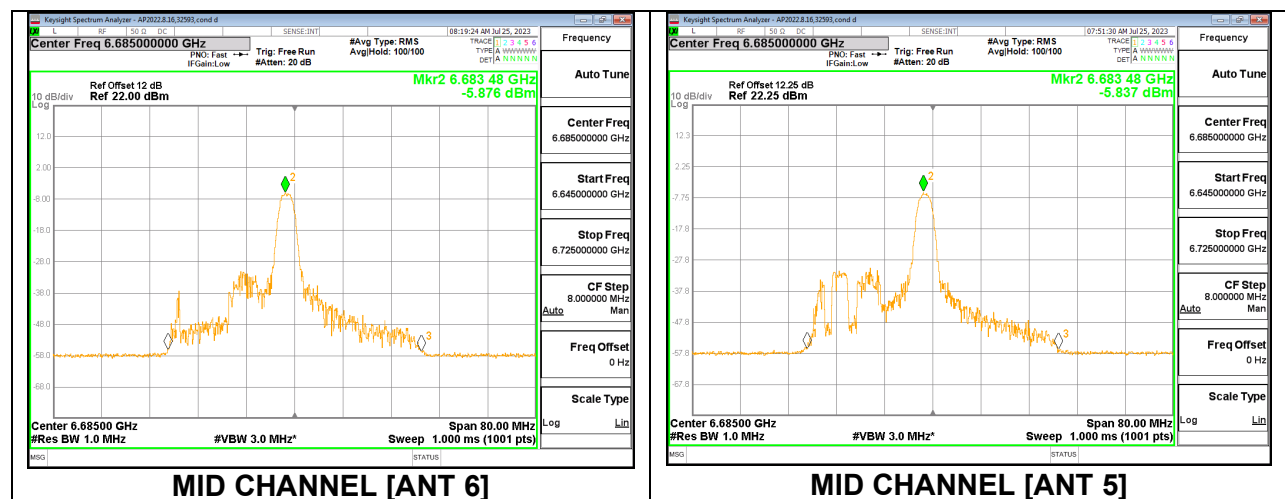
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-3.35	-3.31	-0.24	24.00	-24.24
Mid	6685	-3.32	-3.32	-0.23	24.00	-24.23
High	6845	-3.36	-3.34	-0.26	24.00	-24.26

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	6565	-5.743	-6.066	-2.815	-1.00	-1.815
Mid	6685	-5.876	-5.837	-2.770	-1.00	-1.770
High	6845	-5.838	-5.749	-2.707	-1.00	-1.707



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

Test Engineer:	32593
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	6565	0.08	0.08	24.00	-1.00
Mid	6685	0.08	0.08	24.00	-1.00
High	6845	0.08	0.08	24.00	-1.00

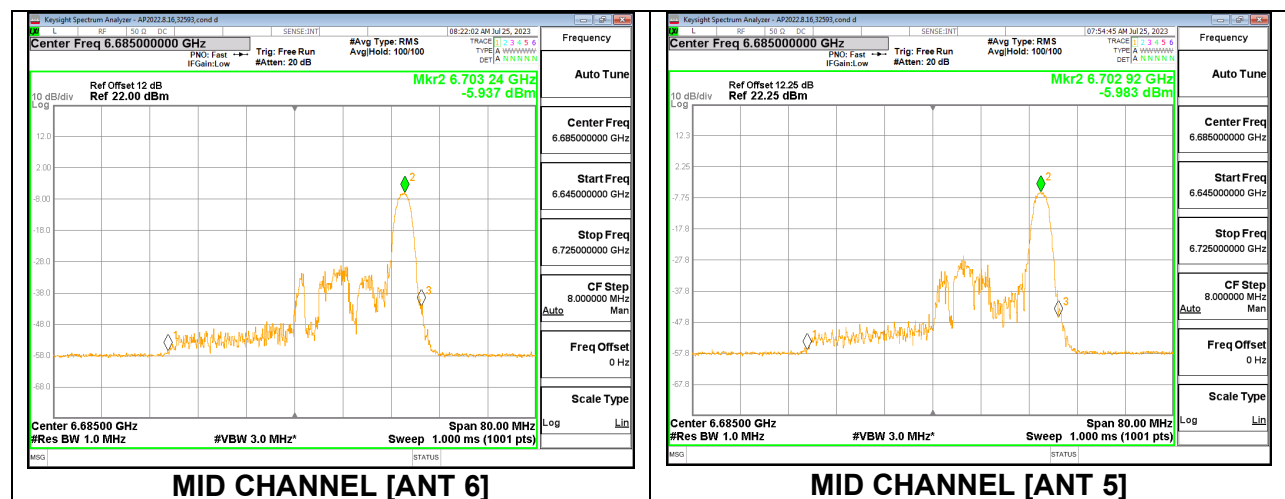
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	-3.34	-3.45	-0.31	24.00	-24.31
Mid	6685	-3.35	-3.37	-0.27	24.00	-24.27
High	6845	-3.38	-3.35	-0.28	24.00	-24.28

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	6565	-6.056	-6.058	-2.971	-1.00	-1.971
Mid	6685	-5.937	-5.983	-2.874	-1.00	-1.874
High	6845	-5.886	-5.602	-2.656	-1.00	-1.656



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

Test Engineer:	32593
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	6565	0.08	0.08	24.00	-1.00
Mid	6685	0.08	0.08	24.00	-1.00
High	6845	0.08	0.08	24.00	-1.00

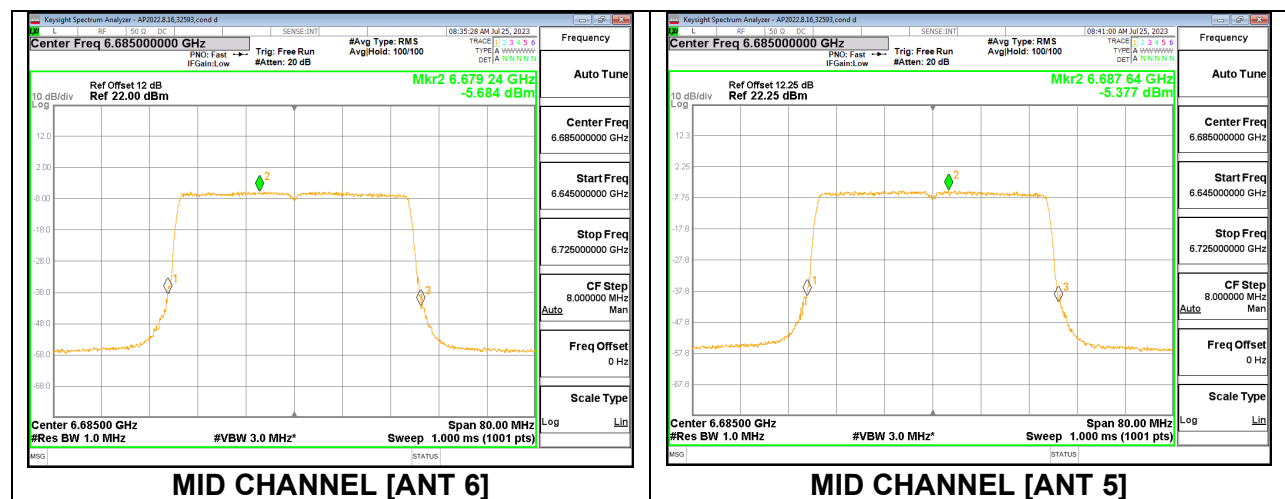
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6565	8.74	8.73	11.82	24.00	-12.18
Mid	6685	8.74	8.72	11.82	24.00	-12.18
High	6845	8.72	8.71	11.80	24.00	-12.20

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	6565	-5.531	-5.415	-2.387	-1.00	-1.387
Mid	6685	-5.684	-5.377	-2.442	-1.00	-1.442
High	6845	-5.581	-5.559	-2.484	-1.00	-1.484



9.3.11. 802.11ax HE80 MODE IN THE UNII-7 BAND

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

Test Engineer:	32480
Test Date:	7/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6545	1.00	24.00	-1.00
Mid	6705	1.00	24.00	-1.00
Straddle	6865	1.40	24.00	-1.00

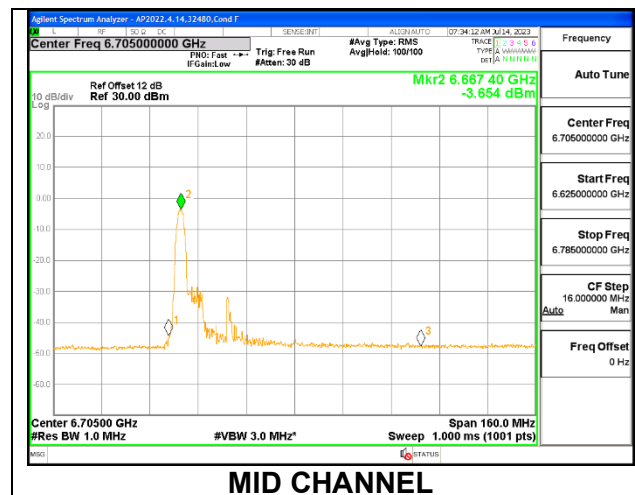
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-1.07	-0.07	24.00	-24.07
Mid	6705	-1.06	-0.06	24.00	-24.06
Straddle	6865	-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)
Straddle	6545	-3.558	-2.558	-1.00	-1.558
Mid	6705	-3.654	-2.654	-1.00	-1.654
Straddle	6865	-4.299	-2.899	-1.00	-1.899



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

Test Engineer:	32480
Test Date:	7/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6545	1.00	24.00	-1.00
Mid	6705	1.00	24.00	-1.00
Straddle	6865	1.40	24.00	-1.00

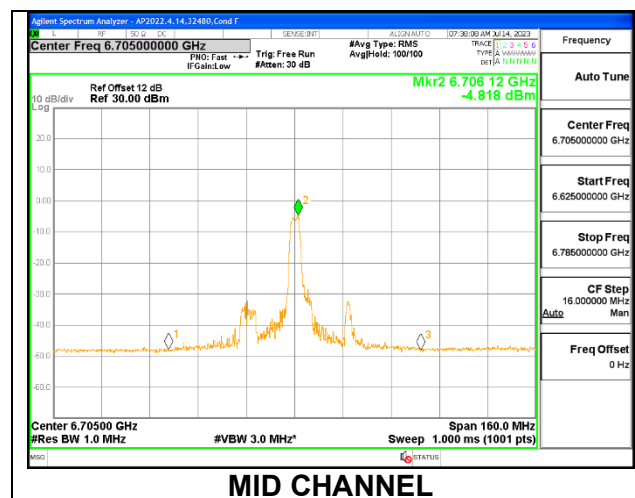
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-1.06	-0.06	24.00	-24.06
Mid	6705	-1.03	-0.03	24.00	-24.03
Straddle	6865	-1.78	-0.38	24.00	-24.38

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	6545	-4.503	-3.503	-1.00	-2.503
Mid	6705	-4.818	-3.818	-1.00	-2.818
Straddle	6865	-5.481	-4.081	-1.00	-3.081



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

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)
Straddle	6545	1.00	24.00	-1.00
Mid	6705	1.00	24.00	-1.00
Straddle	6865	1.40	24.00	-1.00

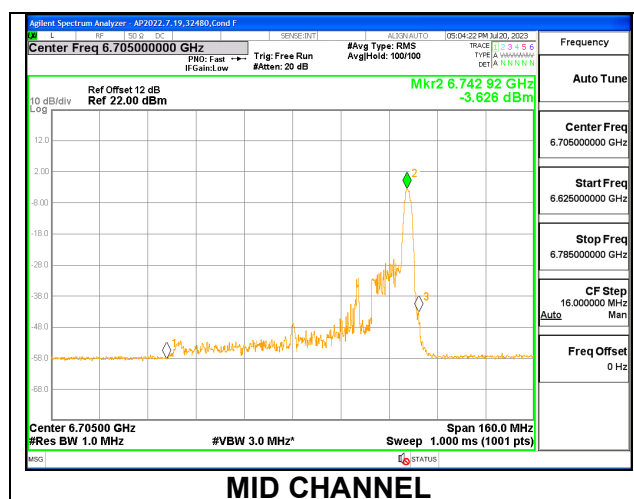
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-1.08	-0.08	24.00	-24.08
Mid	6705	-1.17	-0.17	24.00	-24.17
Straddle	6865	-1.68	-0.28	24.00	-24.28

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	6545	-3.653	-2.653	-1.00	-1.653
Mid	6705	-3.626	-2.626	-1.00	-1.626
Straddle	6865	-4.427	-3.027	-1.00	-2.027



1TX Antenna 6 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)
Straddle	6545	1.00	24.00	-1.00
Mid	6705	1.00	24.00	-1.00
Straddle	6865	1.40	24.00	-1.00

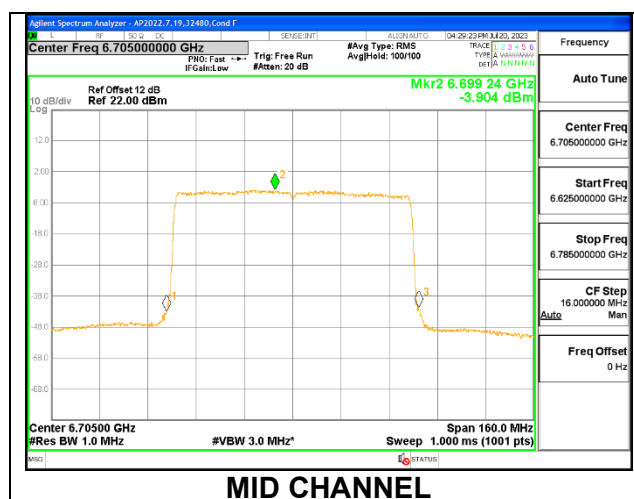
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	13.46	14.46	24.00	-9.54
Mid	6705	13.42	14.42	24.00	-9.58
Straddle	6865	12.92	14.32	24.00	-9.68

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	6545	-3.683	-2.683	-1.00	-1.683
Mid	6705	-3.904	-2.904	-1.00	-1.904
Straddle	6865	-4.409	-3.009	-1.00	-2.009



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

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6545	-0.50	24.00	-1.00
Mid	6705	-1.10	24.00	-1.00
Straddle	6865	-1.10	24.00	-1.00

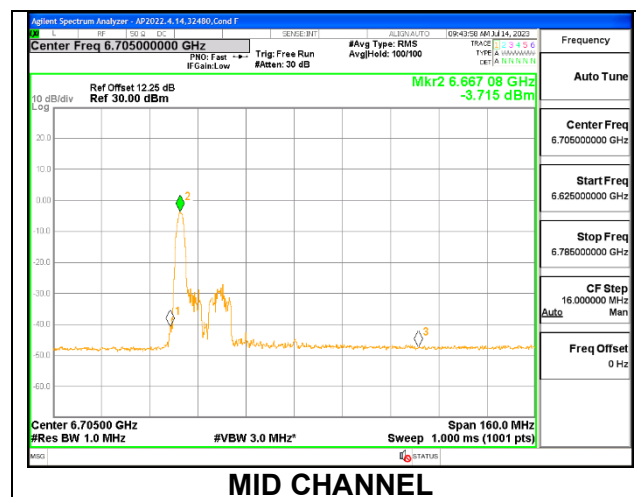
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-1.11	-1.61	24.00	-25.61
Mid	6705	-1.19	-2.29	24.00	-26.29
Straddle	6865	-1.68	-2.78	24.00	-26.78

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	6545	-3.564	-4.064	-1.00	-3.064
Mid	6705	-3.715	-4.815	-1.00	-3.815
Straddle	6865	-4.364	-5.464	-1.00	-4.464



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

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6545	-0.50	24.00	-1.00
Mid	6705	-1.10	24.00	-1.00
Straddle	6865	-1.10	24.00	-1.00

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

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-1.13	-1.63	24.00	-25.63
Mid	6705	-1.08	-2.18	24.00	-26.18
Straddle	6865	-1.57	-2.67	24.00	-26.67

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	6545	-4.651	-5.151	-1.00	-4.151
Mid	6705	-4.810	-5.910	-1.00	-4.910
Straddle	6865	-5.712	-6.812	-1.00	-5.812



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

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6545	-0.50	24.00	-1.00
Mid	6705	-1.10	24.00	-1.00
Straddle	6865	-1.10	24.00	-1.00

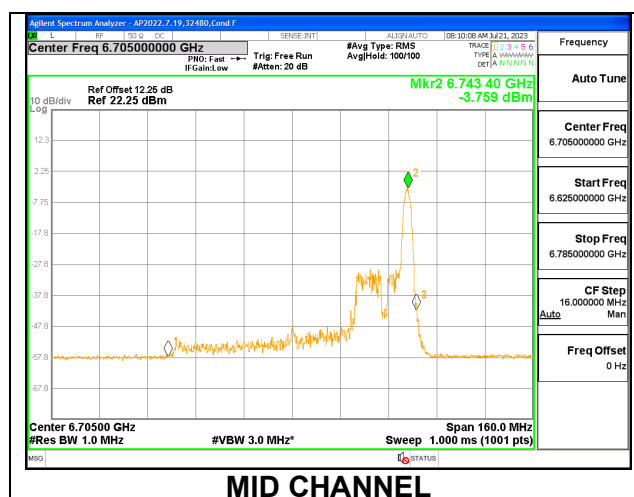
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-1.06	-1.56	24.00	-25.56
Mid	6705	-1.12	-2.22	24.00	-26.22
Straddle	6865	-1.61	-2.71	24.00	-26.71

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	6545	-3.454	-3.954	-1.00	-2.954
Mid	6705	-3.759	-4.859	-1.00	-3.859
Straddle	6865	-4.264	-5.364	-1.00	-4.364



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Straddle	6545	-0.50	24.00	-1.00
Mid	6705	-1.10	24.00	-1.00
Straddle	6865	-1.10	24.00	-1.00

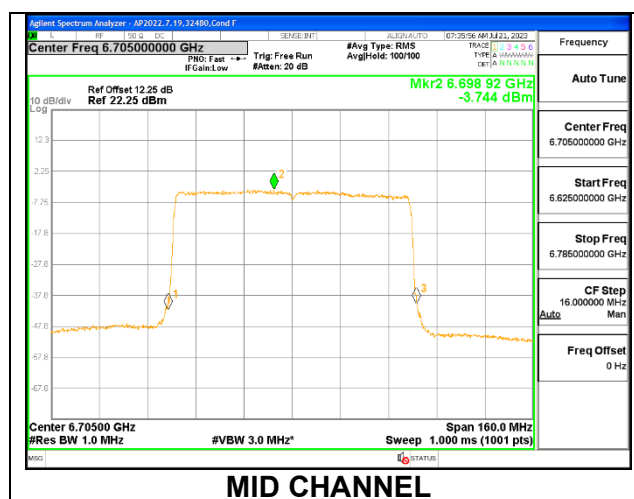
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	13.41	12.91	24.00	-11.09
Mid	6705	13.42	12.32	24.00	-11.68
Straddle	6865	12.92	11.82	24.00	-12.18

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	6545	-3.687	-4.187	-1.00	-3.187
Mid	6705	-3.744	-4.844	-1.00	-3.844
Straddle	6865	-4.183	-5.283	-1.00	-4.283



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6545	-0.31	3.29	24.00	-1.00
Mid	6705	0.08	3.02	24.00	-1.00
Straddle	6865	0.33	3.25	24.00	-1.00

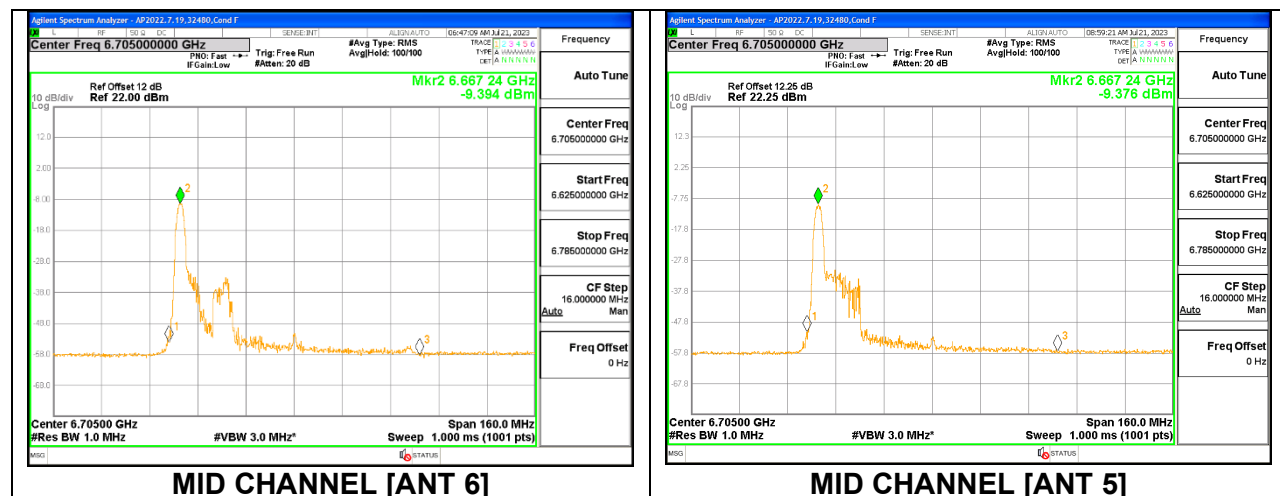
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-6.47	-6.35	-3.71	24.00	-27.71
Mid	6705	-6.47	-6.36	-3.33	24.00	-27.33
Straddle	6865	-6.39	-6.37	-3.04	24.00	-27.04

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	6545	-9.093	-8.900	-2.695	-1.00	-1.695
Mid	6705	-9.394	-9.376	-3.351	-1.00	-2.351
Straddle	6865	-9.075	-9.428	-2.988	-1.00	-1.988



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6545	-0.31	3.29	24.00	-1.00
Mid	6705	0.08	3.02	24.00	-1.00
Straddle	6865	0.33	3.25	24.00	-1.00

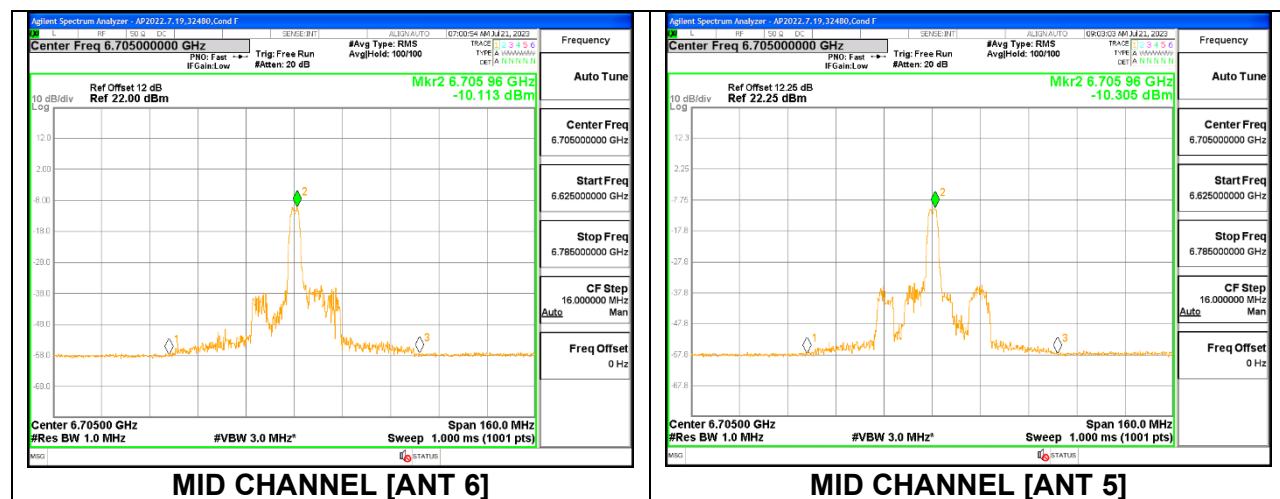
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-6.33	-6.37	-3.65	24.00	-27.65
Mid	6705	-6.41	-6.42	-3.33	24.00	-27.33
Straddle	6865	-6.46	-6.33	-3.05	24.00	-27.05

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	6545	-10.170	-10.255	-3.912	-1.00	-2.912
Mid	6705	-10.113	-10.305	-4.174	-1.00	-3.174
Straddle	6865	-10.130	-10.355	-3.981	-1.00	-2.981



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6545	-0.31	3.29	24.00	-1.00
Mid	6705	0.08	3.02	24.00	-1.00
Straddle	6865	0.33	3.25	24.00	-1.00

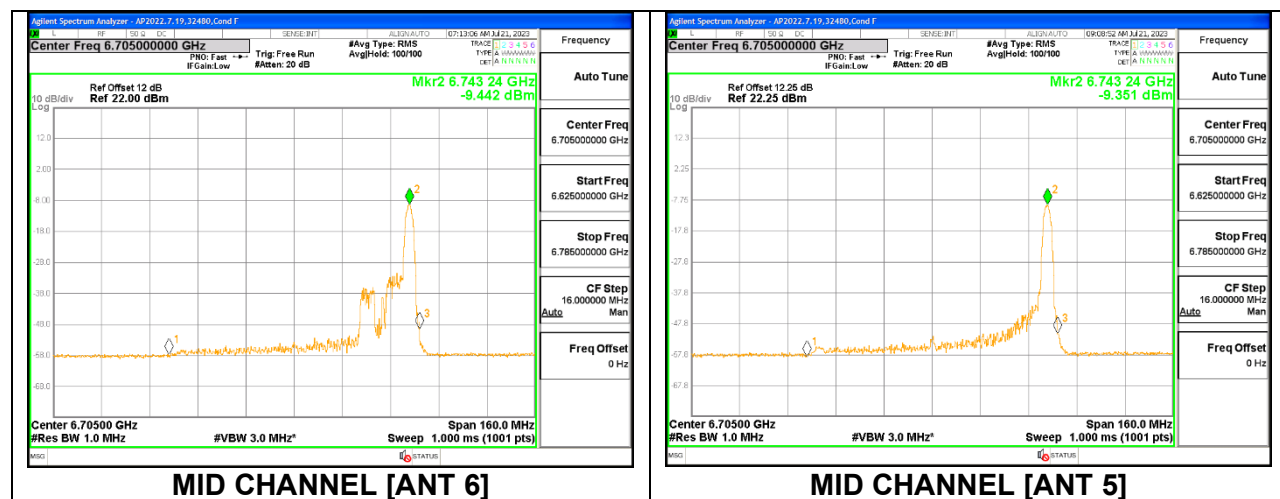
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-6.35	-6.39	-3.67	24.00	-27.67
Mid	6705	-6.36	-6.35	-3.27	24.00	-27.27
Straddle	6865	-6.42	-6.33	-3.03	24.00	-27.03

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	6545	-8.660	-8.945	-2.500	-1.00	-1.500
Mid	6705	-9.442	-9.351	-3.362	-1.00	-2.362
Straddle	6865	-8.930	-9.472	-2.932	-1.00	-1.932



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6545	-0.31	3.29	24.00	-1.00
Mid	6705	0.08	3.02	24.00	-1.00
Straddle	6865	0.33	3.25	24.00	-1.00

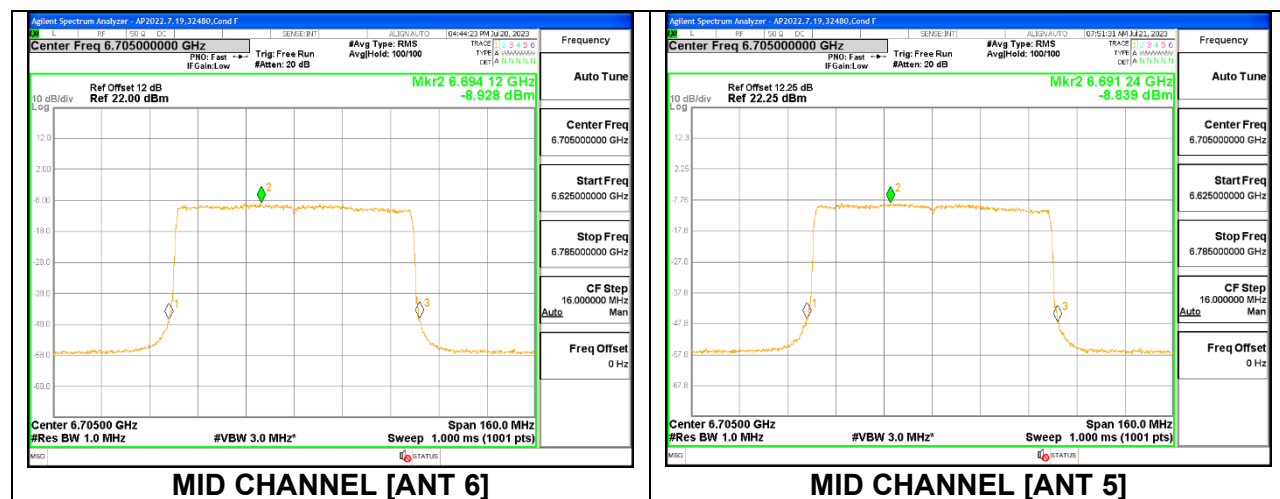
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	8.23	8.21	10.92	24.00	-13.08
Mid	6705	8.16	8.24	11.29	24.00	-12.71
Straddle	6865	8.23	8.24	11.58	24.00	-12.42

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	6545	-8.393	-8.663	-2.226	-1.00	-1.226
Mid	6705	-8.928	-8.839	-2.849	-1.00	-1.849
Straddle	6865	-8.817	-9.061	-2.677	-1.00	-1.677



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

Test Engineer:	32480
Test Date:	7/26/2023

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	6545	-0.31	-0.31	24.00	-1.00
Mid	6705	0.08	0.08	24.00	-1.00
Straddle	6865	0.33	0.33	24.00	-1.00

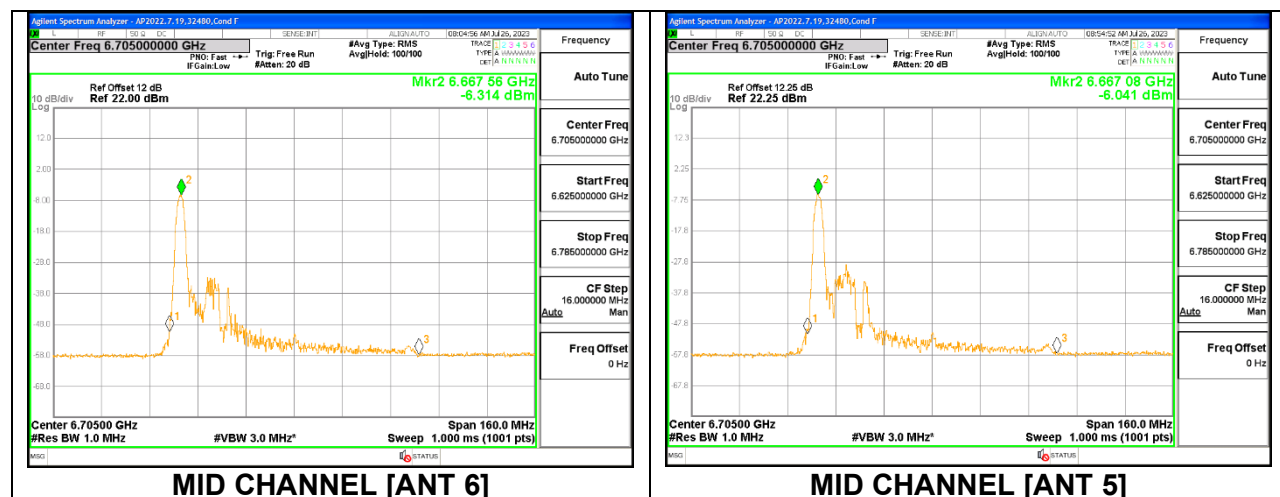
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-3.35	-3.32	-0.63	24.00	-24.63
Mid	6705	-3.37	-3.41	-0.30	24.00	-24.30
Straddle	6865	-3.44	-3.33	-0.04	24.00	-24.04

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	6545	-6.295	-6.171	-3.532	-1.00	-2.532
Mid	6705	-6.314	-6.041	-3.089	-1.00	-2.089
Straddle	6865	-6.343	-6.315	-2.989	-1.00	-1.989



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

Test Engineer:	32480
Test Date:	7/26/2023

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	6545	-0.31	-0.31	24.00	-1.00
Mid	6705	0.08	0.08	24.00	-1.00
Straddle	6865	0.33	0.33	24.00	-1.00

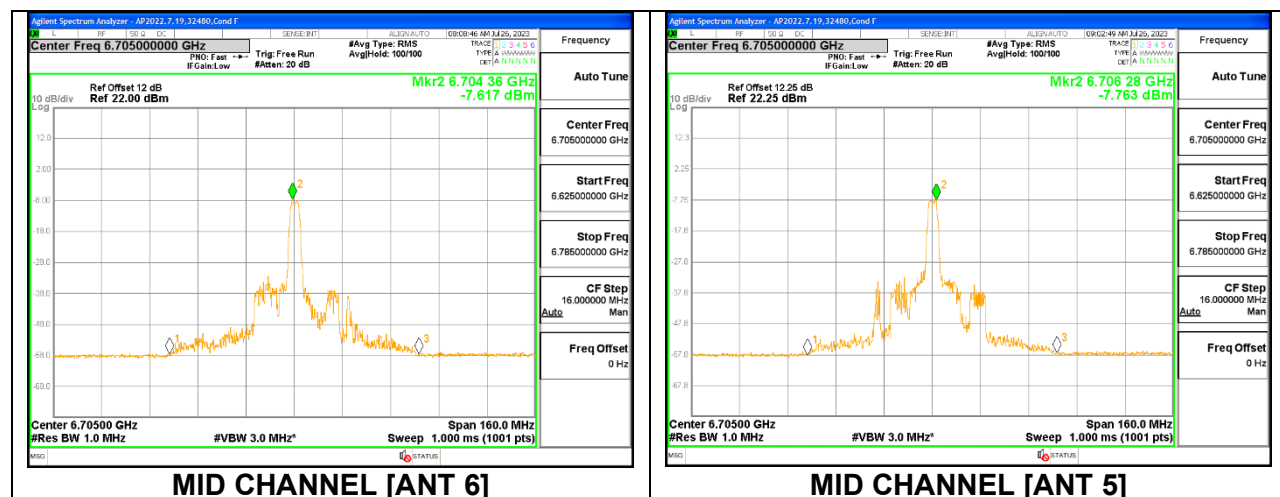
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-3.32	-3.41	-0.66	24.00	-24.66
Mid	6705	-3.39	-3.39	-0.30	24.00	-24.30
Straddle	6865	-3.38	-3.33	-0.01	24.00	-24.01

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	6545	-7.321	-7.488	-4.703	-1.00	-3.703
Mid	6705	-7.617	-7.763	-4.603	-1.00	-3.603
Straddle	6865	-7.410	-7.344	-4.037	-1.00	-3.037



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

Test Engineer:	32480
Test Date:	7/26/2023

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	6545	-0.31	-0.31	24.00	-1.00
Mid	6705	0.08	0.08	24.00	-1.00
Straddle	6865	0.33	0.33	24.00	-1.00

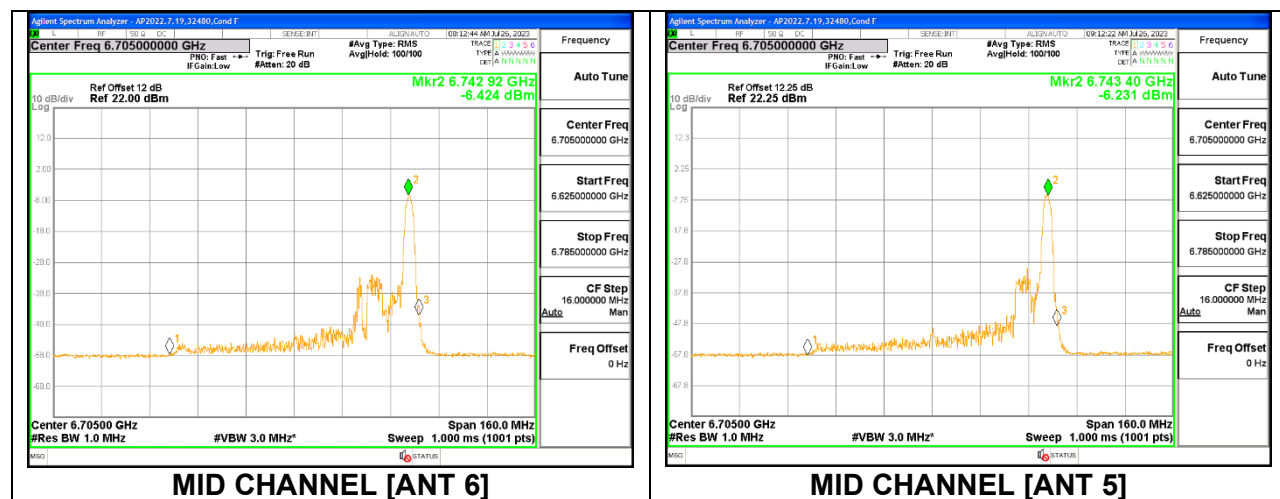
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	-3.23	-3.35	-0.59	24.00	-24.59
Mid	6705	-3.32	-3.39	-0.27	24.00	-24.27
Straddle	6865	-3.39	-3.36	-0.03	24.00	-24.03

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	6545	-6.257	-6.168	-3.512	-1.00	-2.512
Mid	6705	-6.424	-6.231	-3.240	-1.00	-2.240
Straddle	6865	-6.335	-6.154	-2.903	-1.00	-1.903



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

Test Engineer:	32480
Test Date:	7/26/2023

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	6545	-0.31	-0.31	24.00	-1.00
Mid	6705	0.08	0.08	24.00	-1.00
Straddle	6865	0.33	0.33	24.00	-1.00

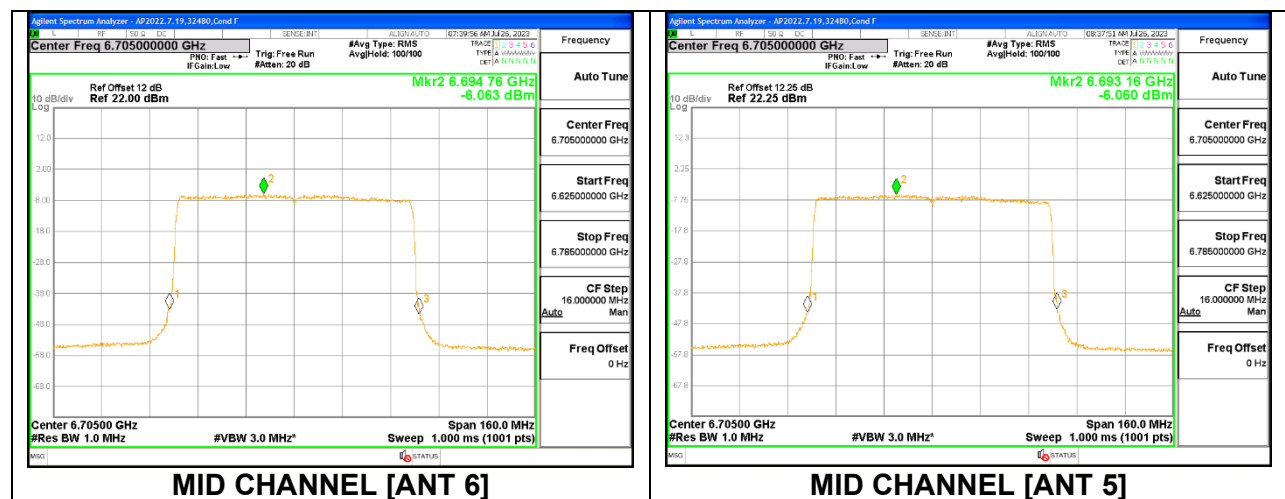
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Straddle	6545	11.23	11.24	13.94	24.00	-10.06
Mid	6705	11.24	11.24	14.33	24.00	-9.67
Straddle	6865	11.22	11.21	14.56	24.00	-9.44

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	6545	-6.035	-6.001	-3.218	-1.00	-2.218
Mid	6705	-6.063	-6.060	-2.875	-1.00	-1.875
Straddle	6865	-5.878	-5.726	-2.361	-1.00	-1.361



9.3.12. 802.11ax HE160 MODE IN THE UNII-7 BAND**1TX Antenna 6 MODE (FCC) – 26 Tones, RU Index 0**

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	1.00	24.00	-1.00
Straddle	6825	1.40	24.00	-1.00

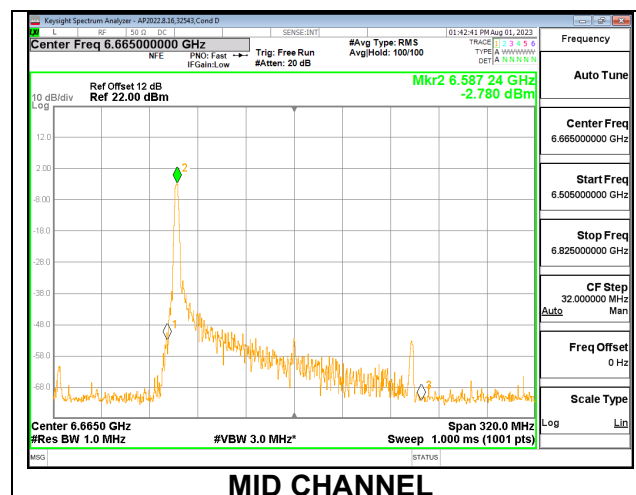
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-1.14	-0.14	24.00	-24.14
Straddle	6825	-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)
Mid	6665	-2.780	-1.780	-1.00	-0.780
Straddle	6825	-2.842	-1.442	-1.00	-0.442



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

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	1.00	24.00	-1.00
Straddle	6825	1.40	24.00	-1.00

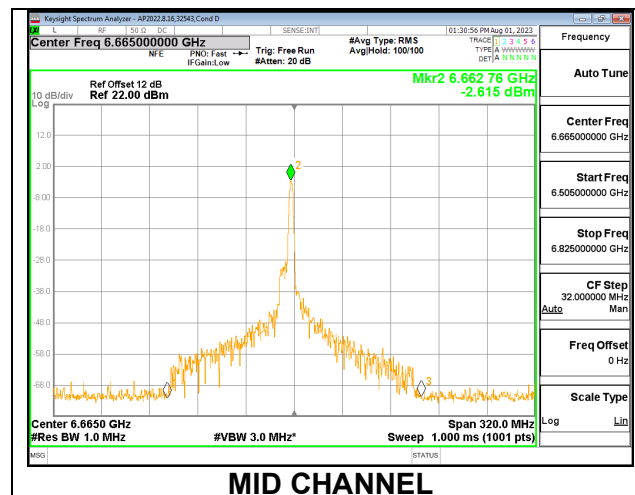
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-1.06	-0.06	24.00	-24.06
Straddle	6825	-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)
Mid	6665	-2.615	-1.615	-1.00	-0.615
Straddle	6825	-2.702	-1.302	-1.00	-0.302



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

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	1.00	24.00	-1.00
Straddle	6825	1.40	24.00	-1.00

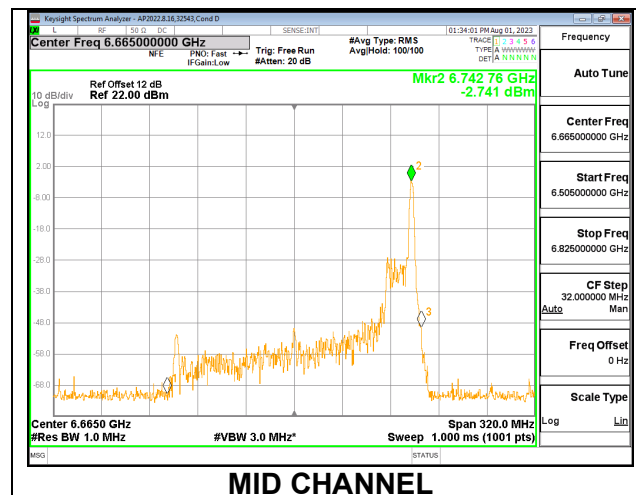
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-1.18	-0.18	24.00	-24.18
Straddle	6825	-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)
Mid	6665	-2.741	-1.741	-1.00	-0.741
Straddle	6825	-2.968	-1.568	-1.00	-0.568



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	1.00	24.00	-1.00
Straddle	6825	1.40	24.00	-1.00

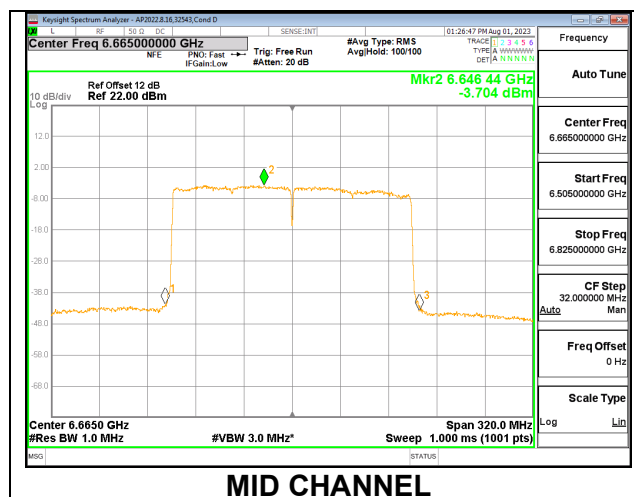
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	16.41	17.41	24.00	-6.59
Straddle	6825	15.94	17.34	24.00	-6.66

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	6665	-3.704	-2.604	-1.00	-1.604
Straddle	6825	-3.933	-2.433	-1.00	-1.433



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

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	-1.10	24.00	-1.00
Straddle	6825	-1.10	24.00	-1.00

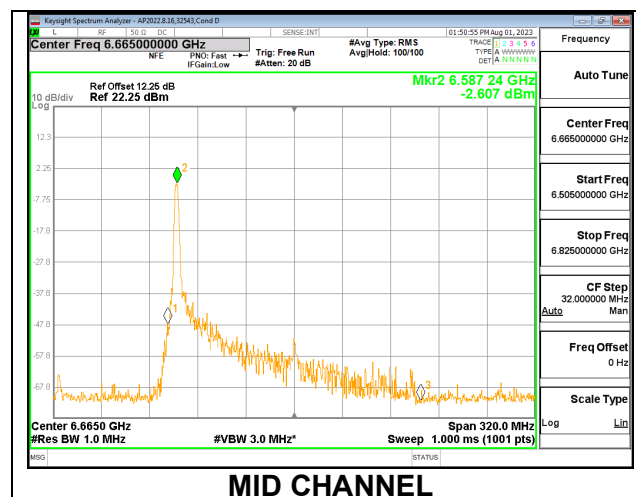
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-1.04	-2.14	24.00	-26.14
Straddle	6825	-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)
Mid	6665	-2.607	-3.707	-1.00	-2.707
Straddle	6825	-2.818	-3.918	-1.00	-2.918



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

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	-1.10	24.00	-1.00
Straddle	6825	-1.10	24.00	-1.00

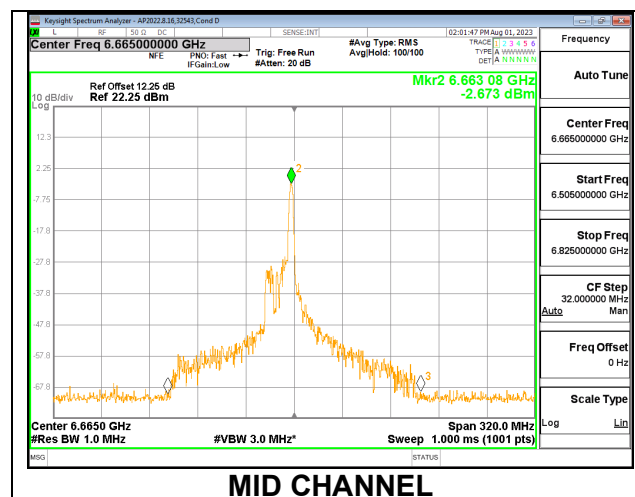
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-1.15	-2.25	24.00	-26.25
Straddle	6825	-1.53	-2.63	24.00	-26.63

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	6665	-2.673	-3.773	-1.00	-2.773
Straddle	6825	-2.747	-3.847	-1.00	-2.847



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

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	-1.10	24.00	-1.00
Straddle	6825	-1.10	24.00	-1.00

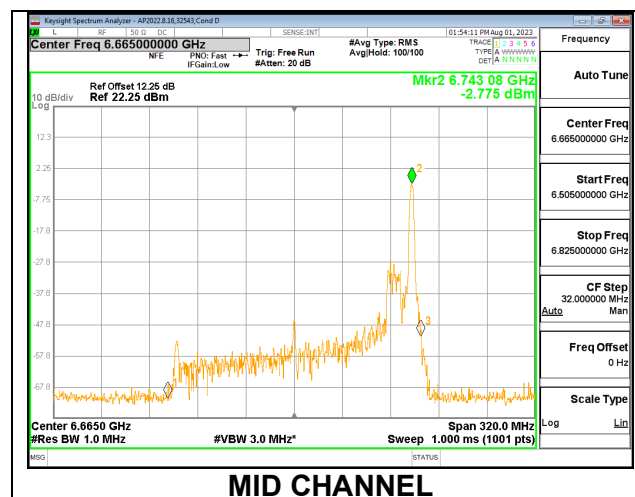
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-1.04	-2.14	24.00	-26.14
Straddle	6825	-1.56	-2.66	24.00	-26.66

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)
Mid	6665	-2.775	-3.875	-1.00	-2.875
Straddle	6825	-2.951	-4.051	-1.00	-3.051



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	32543
Test Date:	8/1/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Mid	6665	-1.10	24.00	-1.00
Straddle	6825	-1.10	24.00	-1.00

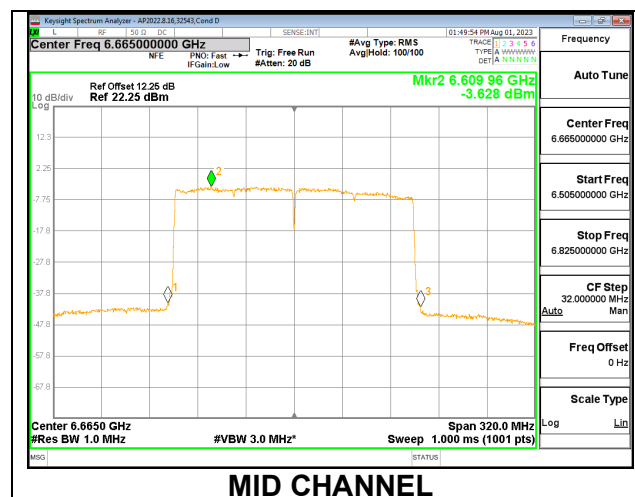
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	16.42	15.32	24.00	-8.68
Straddle	6825	15.93	14.83	24.00	-9.17

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	6665	-3.628	-4.628	-1.00	-3.628
Straddle	6825	-4.008	-5.008	-1.00	-4.008



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6665	0.08	3.02	24.00	-1.00
Straddle	6825	0.33	3.25	24.00	-1.00

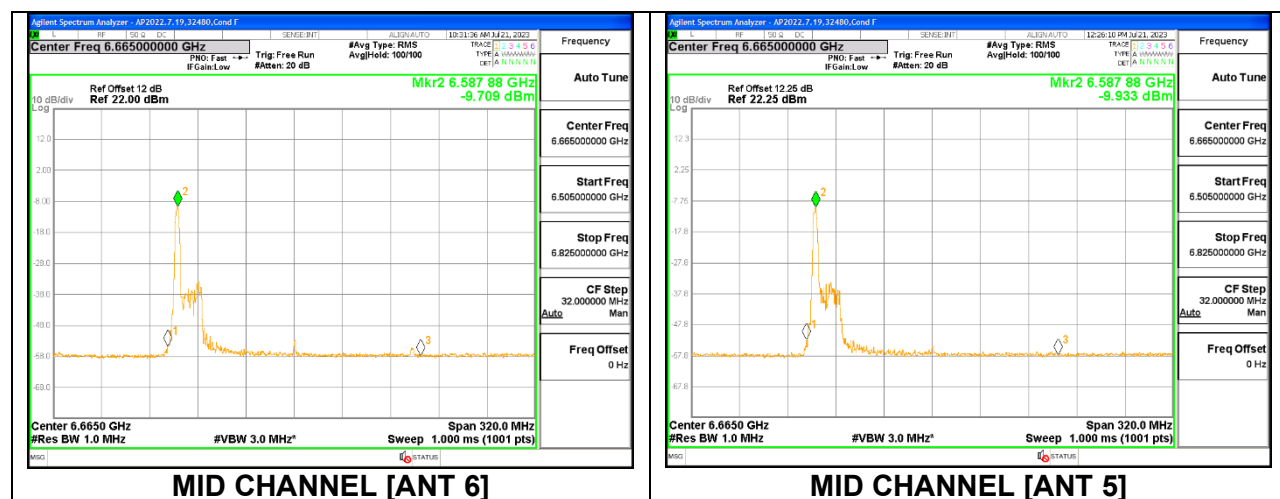
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-6.49	-6.36	-3.34	24.00	-27.34
Straddle	6825	-6.36	-6.42	-3.05	24.00	-27.05

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)
Mid	6665	-9.709	-9.933	-3.786	-1.00	-2.786
Straddle	6825	-9.646	-9.677	-3.401	-1.00	-2.401



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6665	0.08	3.02	24.00	-1.00
Straddle	6825	0.33	3.25	24.00	-1.00

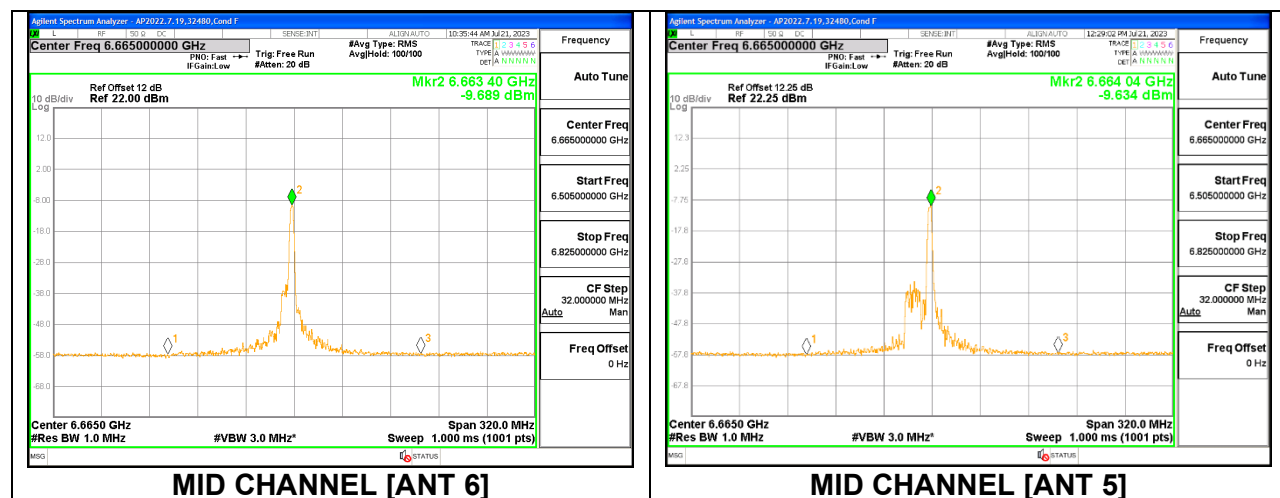
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-6.42	-6.42	-3.33	24.00	-27.33
Straddle	6825	-6.36	-6.35	-3.01	24.00	-27.01

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	6665	-9.689	-9.634	-3.628	-1.00	-2.628
Straddle	6825	-9.816	-9.748	-3.522	-1.00	-2.522



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6665	0.08	3.02	24.00	-1.00
Straddle	6825	0.33	3.25	24.00	-1.00

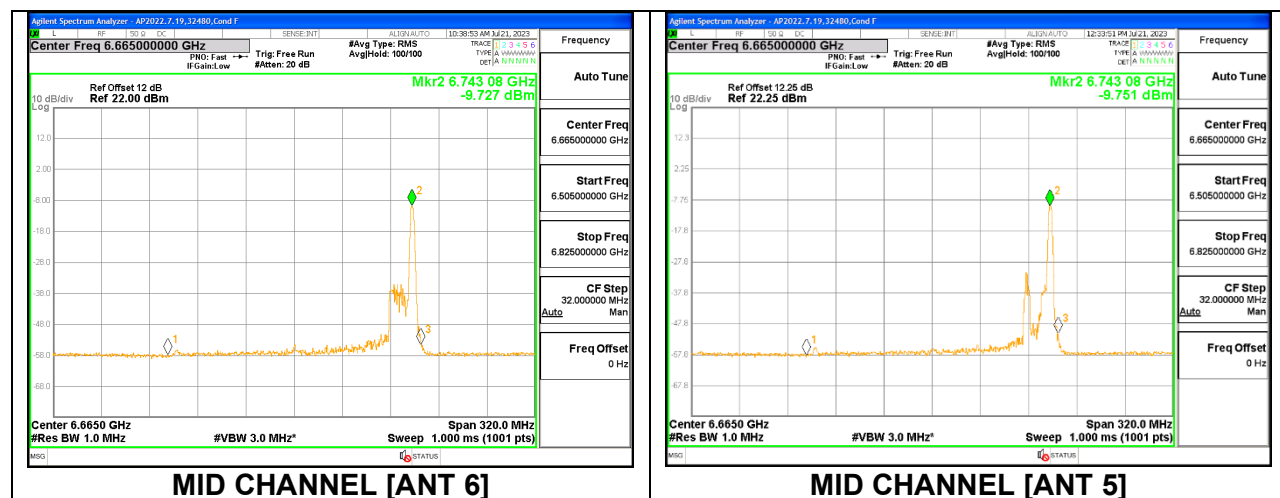
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-6.37	-6.35	-3.27	24.00	-27.27
Straddle	6825	-6.32	-6.38	-3.01	24.00	-27.01

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	6665	-9.727	-9.751	-3.705	-1.00	-2.705
Straddle	6825	-9.677	-9.510	-3.332	-1.00	-2.332



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6665	0.08	3.02	24.00	-1.00
Straddle	6825	0.33	3.25	24.00	-1.00

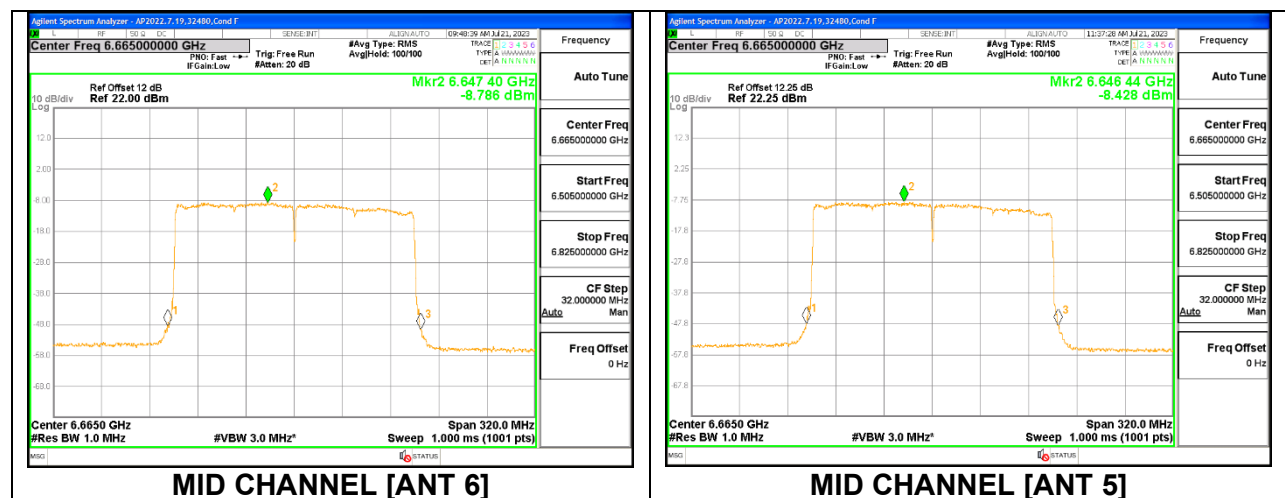
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	11.21	11.25	14.32	24.00	-9.68
Straddle	6825	11.22	11.19	14.55	24.00	-9.45

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	6665	-8.786	-8.428	-2.469	-1.00	-1.469
Straddle	6825	-8.695	-8.683	-2.329	-1.00	-1.329



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

Test Engineer:	32593
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	6665	0.08	0.08	24.00	-1.00
Straddle	6825	0.33	0.33	24.00	-1.00

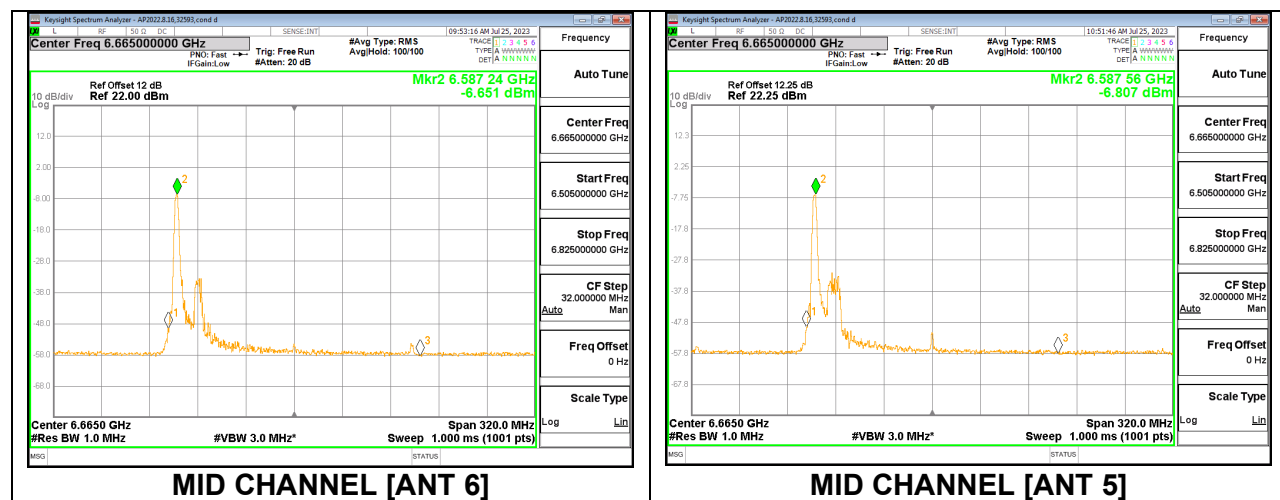
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-3.36	-3.33	-0.26	24.00	-24.26
Straddle	6825	-3.32	-3.35	0.01	24.00	-23.99

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	6665	-6.651	-6.807	-3.642	-1.00	-2.642
Straddle	6825	-6.523	-6.600	-3.221	-1.00	-2.221



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

Test Engineer:	32593
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	6665	0.08	0.08	24.00	-1.00
Straddle	6825	0.33	0.33	24.00	-1.00

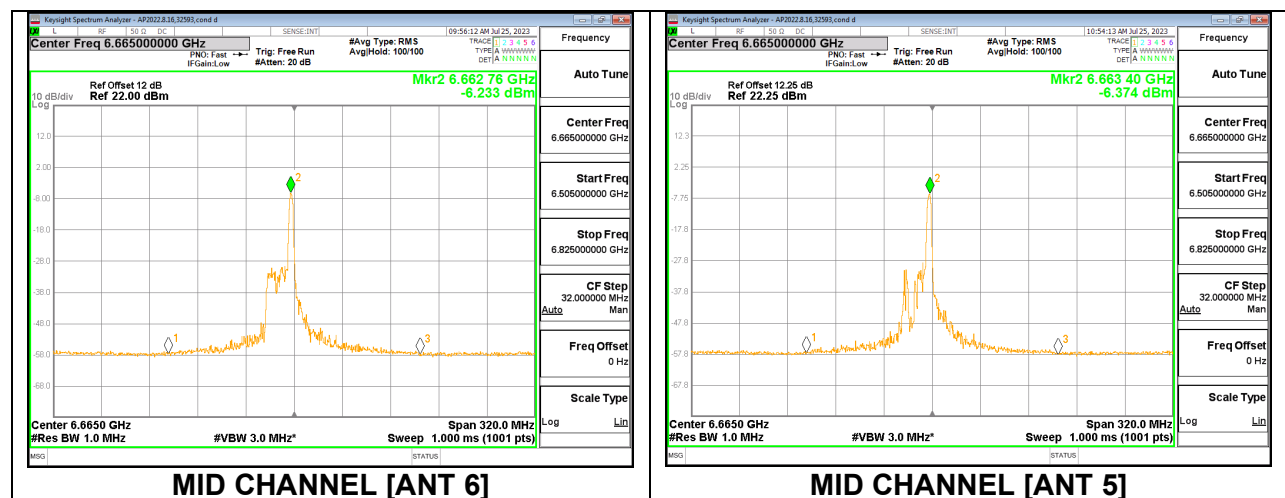
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-3.35	-3.35	-0.26	24.00	-24.26
Straddle	6825	-3.37	-3.53	-0.11	24.00	-24.11

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	6665	-6.233	-6.374	-3.217	-1.00	-2.217
Straddle	6825	-6.550	-6.569	-3.219	-1.00	-2.219



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

Test Engineer:	32593
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	6665	0.08	0.08	24.00	-1.00
Straddle	6825	0.33	0.33	24.00	-1.00

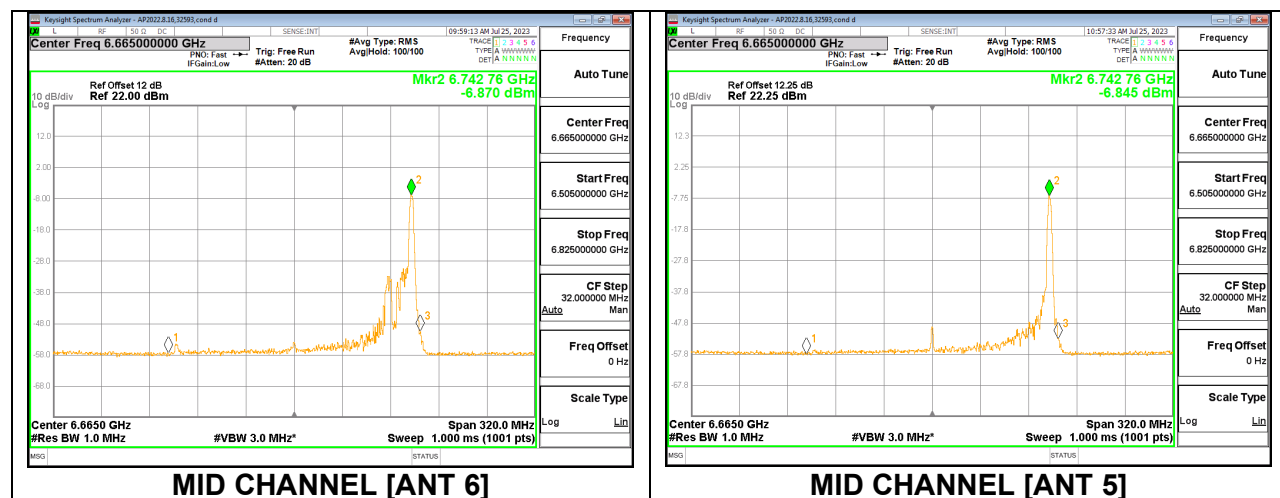
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	-3.33	-3.45	-0.30	24.00	-24.30
Straddle	6825	-3.53	-3.50	-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	6665	-6.870	-6.845	-3.771	-1.00	-2.771
Straddle	6825	-6.507	-6.547	-3.187	-1.00	-2.187



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

Test Engineer:	32593
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	6665	0.08	0.08	24.00	-1.00
Straddle	6825	0.33	0.33	24.00	-1.00

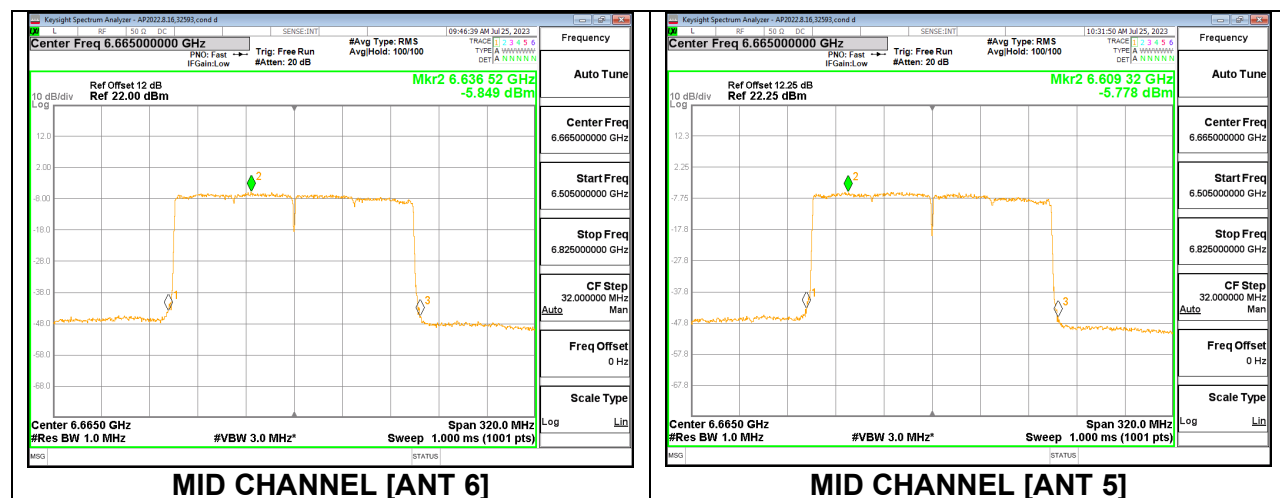
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Mid	6665	14.22	14.23	17.31	24.00	-6.69
Straddle	6825	14.21	14.19	17.54	24.00	-6.46

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	6665	-5.849	-5.778	-2.537	-1.00	-1.537
Straddle	6825	-5.753	-5.593	-2.142	-1.00	-1.142



9.3.13. 802.11ax HE20 MODE IN THE UNII-8 BAND

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

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	1.40	24.00	-1.00
Mid	6995	1.40	24.00	-1.00
High	7095	1.40	24.00	-1.00

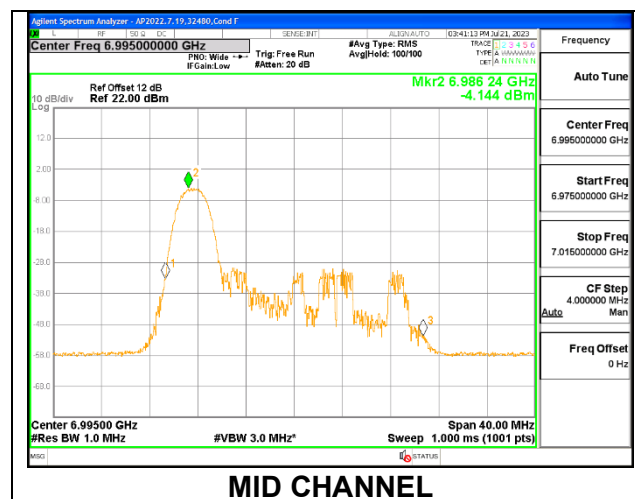
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-1.53	-0.13	24.00	-24.13
Mid	6995	-1.59	-0.19	24.00	-24.19
High	7095	-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	6895	-4.124	-2.724	-1.00	-1.724
Mid	6995	-4.144	-2.744	-1.00	-1.744
High	7095	-3.804	-2.404	-1.00	-1.404



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

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	1.40	24.00	-1.00
Mid	6995	1.40	24.00	-1.00
High	7095	1.40	24.00	-1.00

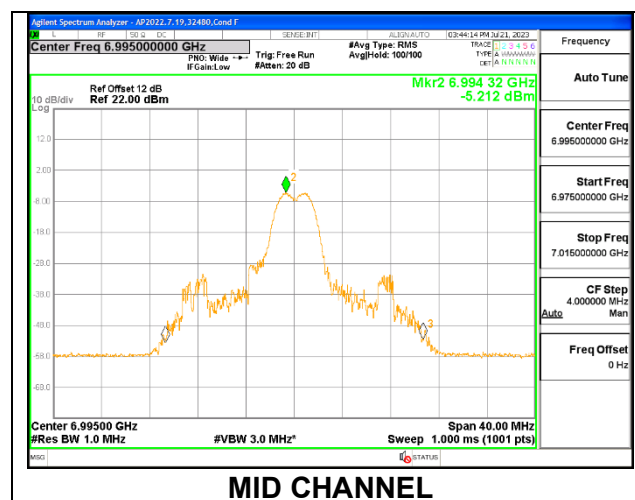
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-1.54	-0.14	24.00	-24.14
Mid	6995	-1.64	-0.24	24.00	-24.24
High	7095	-1.54	-0.14	24.00	-24.14

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	6895	-5.382	-3.982	-1.00	-2.982
Mid	6995	-5.212	-3.812	-1.00	-2.812
High	7095	-5.484	-4.084	-1.00	-3.084



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

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	1.40	24.00	-1.00
Mid	6995	1.40	24.00	-1.00
High	7095	1.40	24.00	-1.00

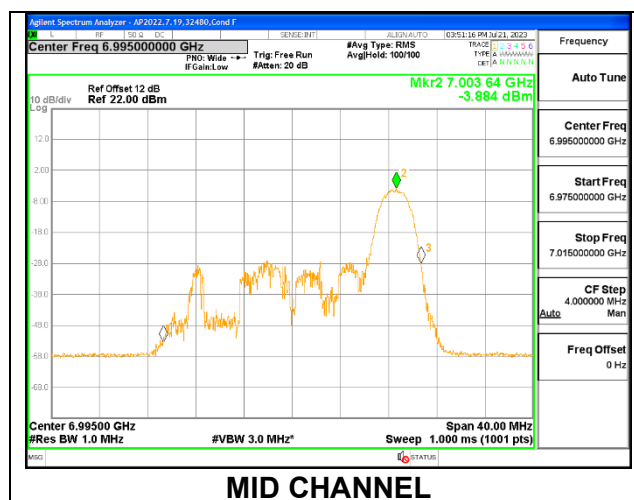
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-1.67	-0.27	24.00	-24.27
Mid	6995	-1.53	-0.13	24.00	-24.13
High	7095	-1.67	-0.27	24.00	-24.27

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	6895	-4.291	-2.891	-1.00	-1.891
Mid	6995	-3.884	-2.484	-1.00	-1.484
High	7095	-4.088	-2.688	-1.00	-1.688



1TX Antenna 6 MODE (FCC) – SU Mode

Test Engineer:	32480
Test Date:	7/21/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	1.40	24.00	-1.00
Mid	6995	1.40	24.00	-1.00
High	7095	1.40	24.00	-1.00
233	7115	1.40	24.00	-1.00

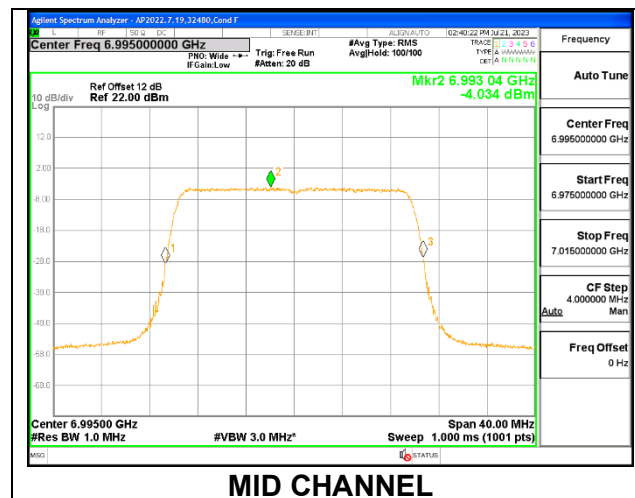
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	7.43	8.83	24.00	-15.17
Mid	6995	7.44	8.84	24.00	-15.16
High	7095	7.44	8.84	24.00	-15.16
233	7115	-5.06	-3.66	24.00	-27.66

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	6895	-3.960	-2.560	-1.00	-1.560
Mid	6995	-4.034	-2.634	-1.00	-1.634
High	7095	-3.967	-2.567	-1.00	-1.567
233	7115	-16.631	-15.231	-1.00	-14.231



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

Test Engineer:	32480
Test Date:	7/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	-4.80	24.00	-1.00
Mid	6995	-4.80	24.00	-1.00
High	7095	-4.80	24.00	-1.00

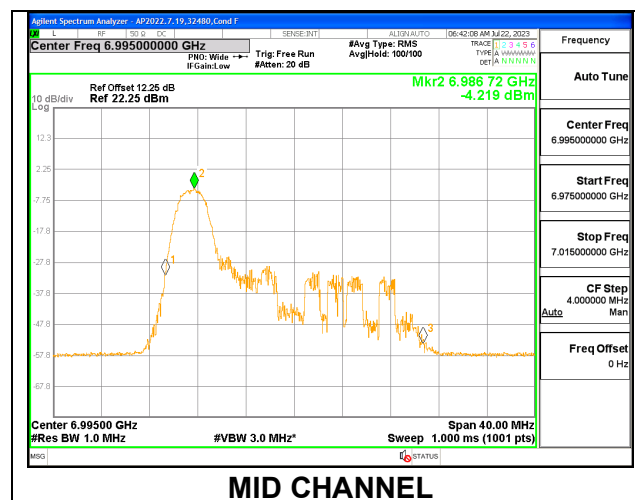
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-1.58	-6.38	24.00	-30.38
Mid	6995	-1.53	-6.33	24.00	-30.33
High	7095	-1.60	-6.40	24.00	-30.40

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	6895	-4.194	-8.994	-1.00	-7.994
Mid	6995	-4.219	-9.019	-1.00	-8.019
High	7095	-4.005	-8.805	-1.00	-7.805



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

Test Engineer:	32480
Test Date:	7/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	-4.80	24.00	-1.00
Mid	6995	-4.80	24.00	-1.00
High	7095	-4.80	24.00	-1.00

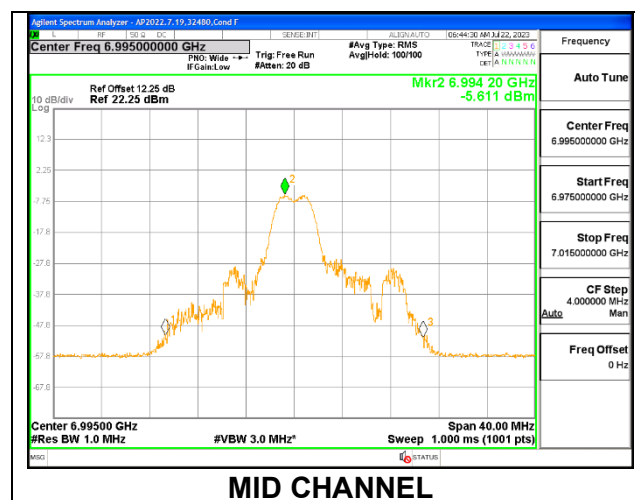
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-1.52	-6.32	24.00	-30.32
Mid	6995	-1.58	-6.38	24.00	-30.38
High	7095	-1.59	-6.39	24.00	-30.39

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	6895	-5.513	-10.313	-1.00	-9.313
Mid	6995	-5.611	-10.411	-1.00	-9.411
High	7095	-5.403	-10.203	-1.00	-9.203



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

Test Engineer:	32480
Test Date:	7/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	-4.80	24.00	-1.00
Mid	6995	-4.80	24.00	-1.00
High	7095	-4.80	24.00	-1.00

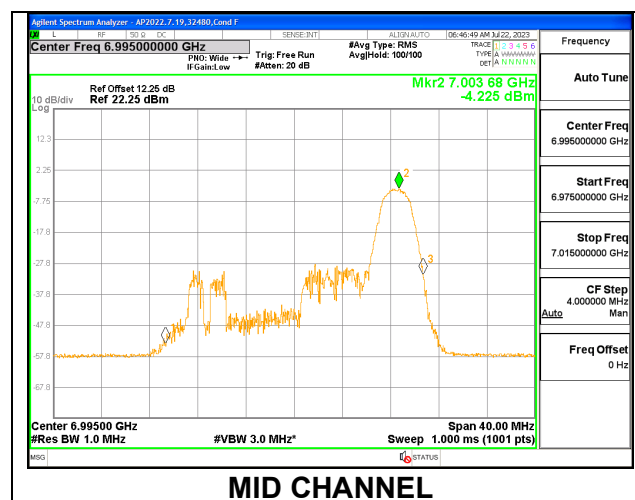
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-1.52	-6.32	24.00	-30.32
Mid	6995	-1.53	-6.33	24.00	-30.33
High	7095	-1.55	-6.35	24.00	-30.35

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	6895	-4.435	-9.235	-1.00	-8.235
Mid	6995	-4.225	-9.025	-1.00	-8.025
High	7095	-4.359	-9.159	-1.00	-8.159



1TX Antenna 5 MODE (FCC) – SU Mode

Test Engineer:	32480
Test Date:	7/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6895	-4.80	24.00	-1.00
Mid	6995	-4.80	24.00	-1.00
High	7095	-4.80	24.00	-1.00
233	7115	-4.80	24.00	-1.00

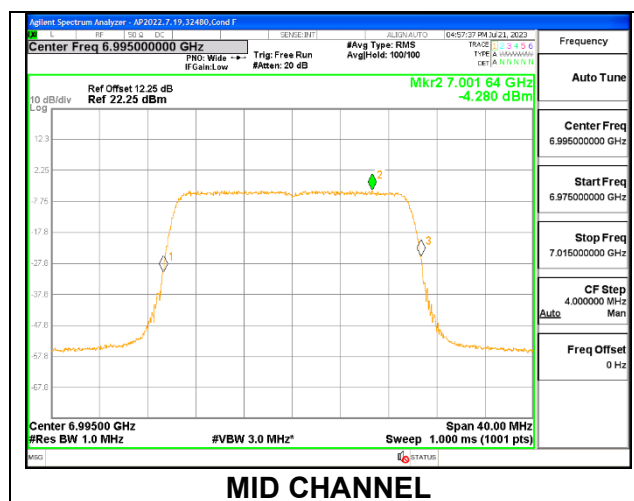
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	7.46	2.66	24.00	-21.34
Mid	6995	7.45	2.65	24.00	-21.35
High	7095	7.47	2.67	24.00	-21.33
233	7115	-5.04	-9.84	24.00	-33.84

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	6895	-4.200	-9.000	-1.00	-8.000
Mid	6995	-4.280	-9.080	-1.00	-8.080
High	7095	-3.824	-8.624	-1.00	-7.624
233	7115	-16.596	-21.396	-1.00	-20.396



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6895	-0.68	1.85	24.00	-1.00
Mid	6995	-0.68	1.85	24.00	-1.00
High	7095	-0.68	1.85	24.00	-1.00

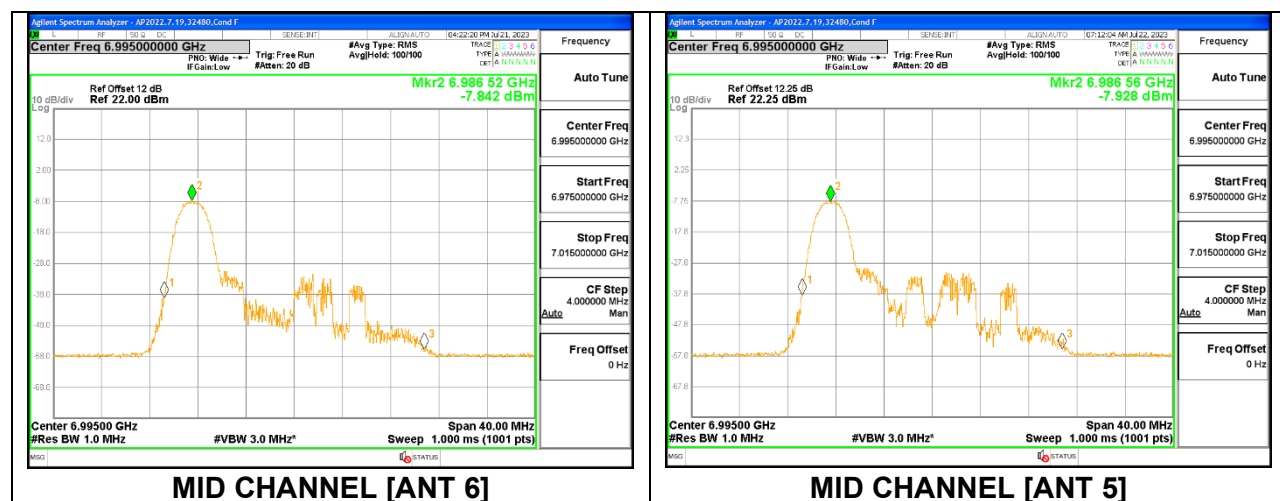
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-5.05	-5.06	-2.72	24.00	-26.72
Mid	6995	-5.15	-5.14	-2.81	24.00	-26.81
High	7095	-5.02	-5.04	-2.70	24.00	-26.70

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	6895	-7.874	-7.935	-3.042	-1.00	-2.042
Mid	6995	-7.842	-7.928	-3.022	-1.00	-2.022
High	7095	-7.590	-7.495	-2.680	-1.00	-1.680



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6895	-0.68	1.85	24.00	-1.00
Mid	6995	-0.68	1.85	24.00	-1.00
High	7095	-0.68	1.85	24.00	-1.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-5.04	-5.08	-2.73	24.00	-26.73
Mid	6995	-5.13	-5.04	-2.75	24.00	-26.75
High	7095	-5.04	-5.10	-2.74	24.00	-26.74

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	6895	-8.755	-8.736	-3.883	-1.00	-2.883
Mid	6995	-8.860	-8.736	-3.935	-1.00	-2.935
High	7095	-8.821	-8.491	-3.790	-1.00	-2.790



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6895	-0.68	1.85	24.00	-1.00
Mid	6995	-0.68	1.85	24.00	-1.00
High	7095	-0.68	1.85	24.00	-1.00

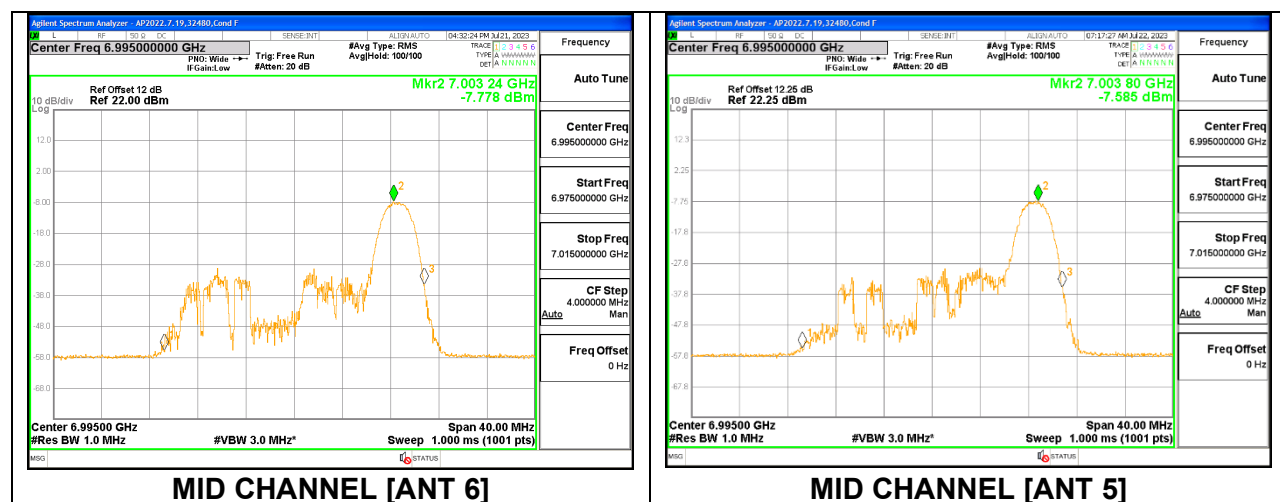
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	-5.09	-5.10	-2.76	24.00	-26.76
Mid	6995	-5.08	-5.06	-2.74	24.00	-26.74
High	7095	-5.08	-5.09	-2.75	24.00	-26.75

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	6895	-7.575	-7.674	-2.762	-1.00	-1.762
Mid	6995	-7.778	-7.585	-2.818	-1.00	-1.818
High	7095	-7.654	-7.703	-2.816	-1.00	-1.816



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

Test Engineer:	32480
Test Date:	7/21/2023

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	6895	-0.68	1.85	24.00	-1.00
Mid	6995	-0.68	1.85	24.00	-1.00
High	7095	-0.68	1.85	24.00	-1.00
233	7115	-0.68	1.85	24.00	-1.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6895	3.94	3.91	6.26	24.00	-17.74
Mid	6995	3.95	3.92	6.27	24.00	-17.73
High	7095	3.96	3.96	6.29	24.00	-17.71
233	7115	-5.55	-5.53	-3.21	24.00	-27.21

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	6895	-7.559	-7.503	-2.668	-1.00	-1.668
Mid	6995	-7.569	-7.750	-2.796	-1.00	-1.796
High	7095	-7.418	-7.354	-2.523	-1.00	-1.523
233	7115	-16.975	-16.971	-12.111	-1.00	-11.111

