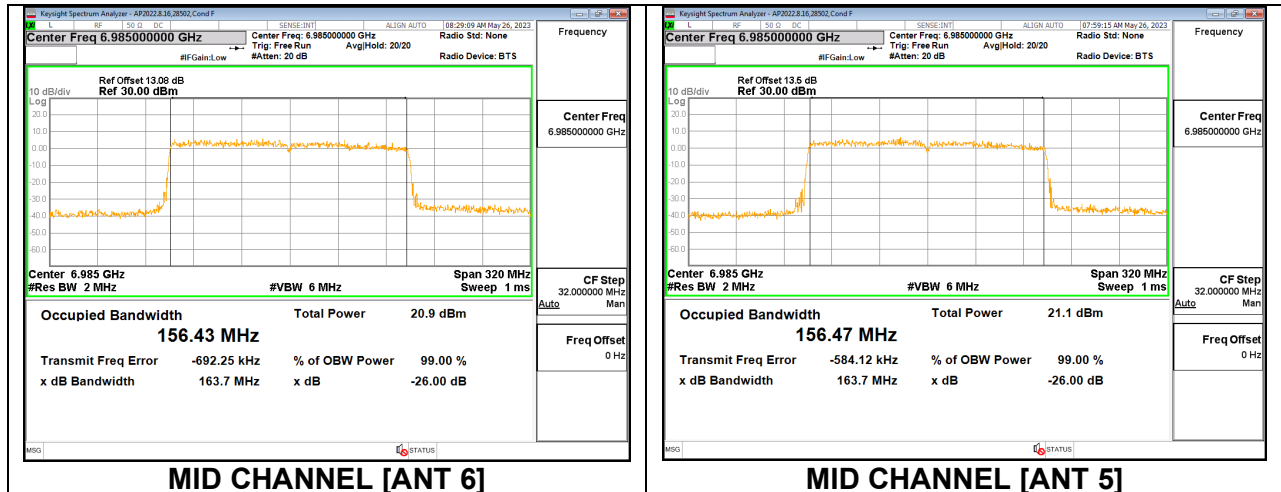


2TX Antenna 6 + Antenna 5 SDM MODE: SU Mode

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 6 (MHz)	26 dB Bandwidth Antenna 5 (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
MID	6985	163.70	163.70	156.4300	156.4700



9.3. LP OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.925-7.125 GHz

(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

TEST PROCEDURE

Conducted Output Power: KDB 789033 D02 v02r01, Section II E.3.b (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

CDD MIMO Tx chains used uncorrelated gain for EIRP calculation and correlated gain for PSD EIRP calculation; SDM MIMO Tx chains used uncorrelated for both EIRP and PSD EIRP calculation. For the straddle channels, the higher antenna gains were chosen between two bands where straddle channels are located. The directional gains are as follows:

Antenna Gain					
Frequency Range	Sub-band	Antenna 6	Antenna 5	Uncorrelated Chains	Correlated Chains
(MHz)	(MHz)	Gain (dBi)	Gain (dBi)	Directional Gain (dBi)	Directional Gain (dBi)
5925 - 6425 UNII-5	Sub-band 1 (5955 - 6095)	-3.10	-4.70	-3.83	-0.85
	Sub-band 2 (6115 - 6255)	-1.50	-4.20	-2.64	0.26
	Sub-band 3 (6275 - 6415)	-2.40	-4.40	-3.29	-0.33
6425 - 6525 UNII-6	N/A	-1.80	-4.70	-3.01	-0.12
UNII-6/7 (Straddle Channel)	N/A	-0.90	-4.70	-2.40	0.42
6525 - 6875 UNII-7	N/A	-0.90	-5.90	-2.72	-0.03
UNII-7/8 (Straddle Channel)	N/A	-0.90	-5.90	-2.72	-0.03
6875 - 7125 UNII-8	N/A	-2.50	-7.50	-4.32	-1.63

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2013 section 14.4.3

Uncorrelated directional gain= $10 \cdot \log((10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})/2)$

Correlated directional Gain= $10 \cdot \log(((10^{(\text{Ant6}/20)} + 10^{(\text{Ant5}/20)})^2)/2)$

Sample Calculation at UNII-5 Band:

Ant6=-3.10, Ant5=-4.70

Uncorrelated Antenna gain= $10 \log[(10^{(-3.10/10)} + 10^{(-4.70/10)})/2] = -3.83 \text{ dBi}$

Correlated Antenna gain= $10 \log[(10^{(-3.10/20)} + 10^{(-4.70/20)})^2/2] = -0.85 \text{ dBi}$

EIRP Calculation:

1Tx

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) Power=2.95 dBm

EIRP corr'd power = 2.95 + (-3.10) = -0.15 dBm

2Tx

EIRP corr'd power = $10 \cdot \log(10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})$ + uncorrelated directional gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) Power=-2.55 dBm, Ant5 Power=-2.54

EIRP corr'd power = $10 \cdot \log(10^{(-2.55/10)} + 10^{(-2.54/10)})$ + (-3.83) = -3.36 dBm

EIRP PSD Calculation:

1Tx

EIRP corr'd PSD = DCCF + Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) PSD= 0.519 dBm/1MHz

EIRP corr'd PSD = 0 + 0.519 + (-3.10) = -2.581 dBm/1MHz

2Tx (OFDMA)

EIRP corr'd PSD = $(10 \cdot \log(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$ + correlated directional gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) PSD=-5.319 dBm/1MHz, Ant5 PSD=-5.267 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \log(10^{((0 + (-5.319))/10)} + 10^{((0 + (-5.267))/10)}))$ + (-0.85) = -3.136 dBm/1MHz

2Tx (SDM)

EIRP corr'd PSD = $(10 \cdot \log(10^{((\text{DCCF} + \text{C39})/10)} + 10^{((\text{DCCF} + \text{D39})/10)}))$ + uncorrelated directional gain

Sample Calculation at UNII-5 Band:

Ant6(low channel RU 0) PSD=-0.811 dBm/1MHz, Ant5 PSD=-0.851 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \log(10^{((0 + (-0.811))/10)} + 10^{((0 + (-0.851))/10)}))$ + (-3.83) = -1.647 dBm/1MHz

9.3.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

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

Test Engineer:	28502
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-3.10	24.00	-1.00
Mid	6175	-1.50	24.00	-1.00
High	6415	-2.40	24.00	-1.00

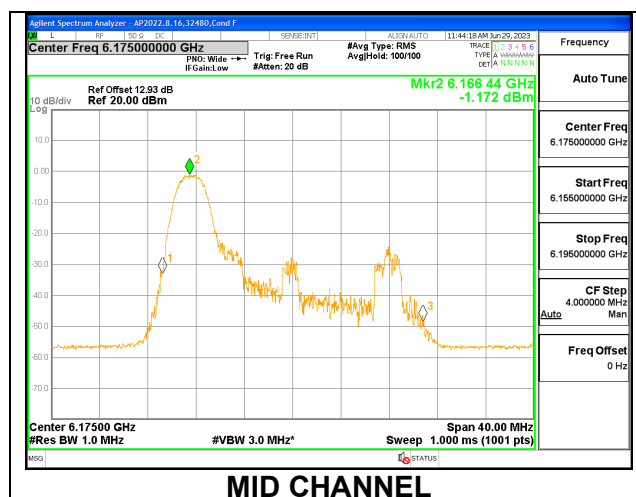
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.95	-0.15	24.00	-24.15
Mid	6175	1.42	-0.08	24.00	-24.08
High	6415	2.23	-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	5955	0.519	-2.581	-1.00	-1.581
Mid	6175	-1.172	-2.672	-1.00	-1.672
High	6415	-0.416	-2.816	-1.00	-1.816



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

Test Engineer:	28502
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-3.10	24.00	-1.00
Mid	6175	-1.50	24.00	-1.00
High	6415	-2.40	24.00	-1.00

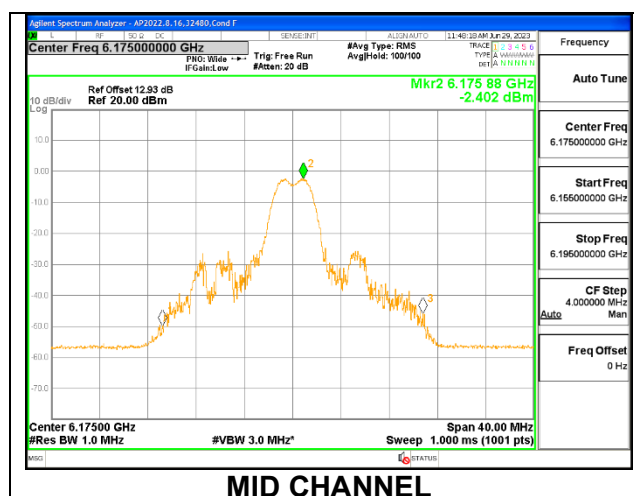
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.96	-0.14	24.00	-24.14
Mid	6175	1.42	-0.08	24.00	-24.08
High	6415	2.23	-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	5955	-0.501	-3.601	-1.00	-2.601
Mid	6175	-2.402	-3.902	-1.00	-2.902
High	6415	-1.479	-3.879	-1.00	-2.879



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

Test Engineer:	28502
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-3.10	24.00	-1.00
Mid	6175	-1.50	24.00	-1.00
High	6415	-2.40	24.00	-1.00

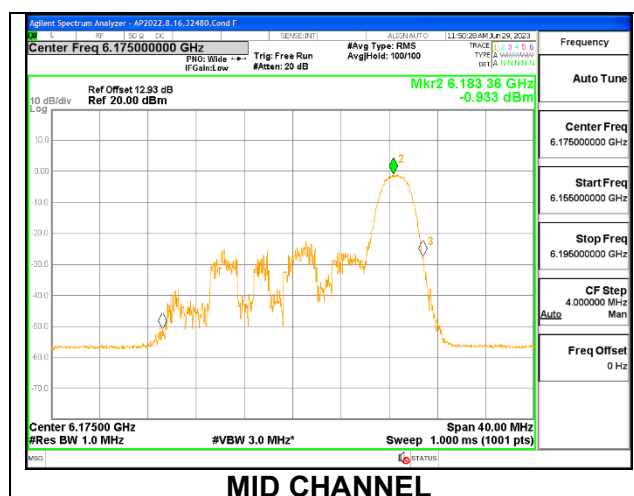
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.90	-0.20	24.00	-24.20
Mid	6175	1.42	-0.08	24.00	-24.08
High	6415	2.25	-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	5955	0.531	-2.569	-1.00	-1.569
Mid	6175	-0.933	-2.433	-1.00	-1.433
High	6415	-0.438	-2.838	-1.00	-1.838



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

Test Engineer:	28502
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-3.10	24.00	-1.00
Mid	6175	-1.50	24.00	-1.00
High	6415	-2.40	24.00	-1.00

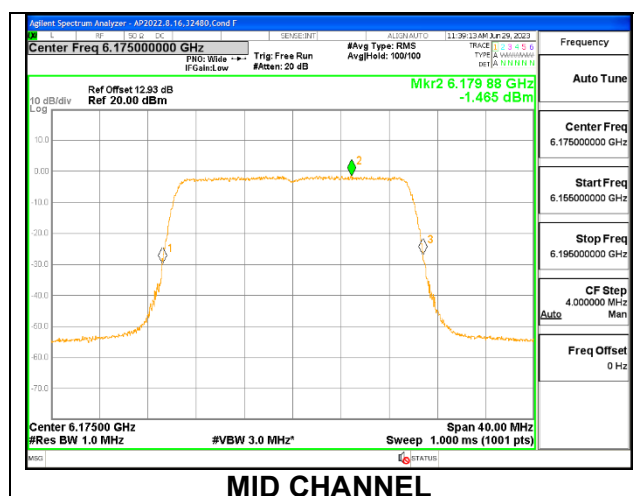
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	11.92	8.82	24.00	-15.18
Mid	6175	10.45	8.95	24.00	-15.05
High	6415	11.25	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	5955	0.480	-2.620	-1.00	-1.620
Mid	6175	-1.465	-2.965	-1.00	-1.965
High	6415	-0.593	-2.993	-1.00	-1.993



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

Test Engineer:	32181
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-4.70	24.00	-1.00
Mid	6175	-4.20	24.00	-1.00
High	6415	-4.40	24.00	-1.00

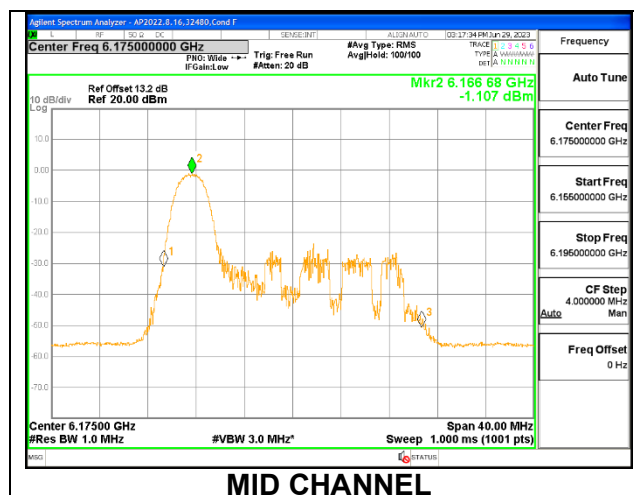
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.96	-1.74	24.00	-25.74
Mid	6175	1.45	-2.75	24.00	-26.75
High	6415	2.25	-2.15	24.00	-26.15

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	5955	0.362	-4.338	-1.00	-3.338
Mid	6175	-1.107	-5.307	-1.00	-4.307
High	6415	-0.419	-4.819	-1.00	-3.819



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

Test Engineer:	32181
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-4.70	24.00	-1.00
Mid	6175	-4.20	24.00	-1.00
High	6415	-4.40	24.00	-1.00

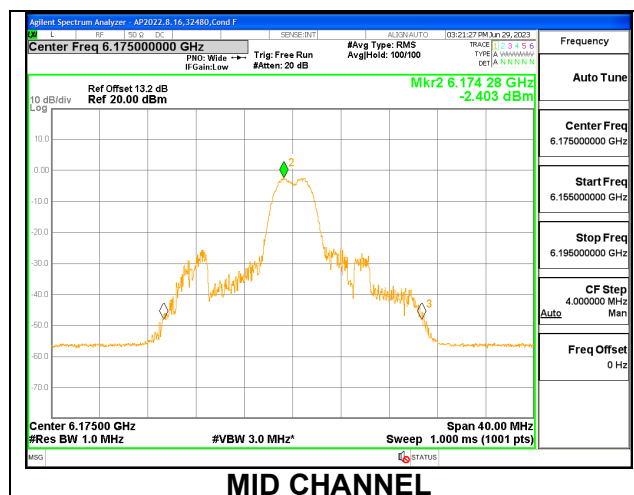
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.95	-1.75	24.00	-25.75
Mid	6175	1.47	-2.73	24.00	-26.73
High	6415	2.25	-2.15	24.00	-26.15

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	5955	-0.568	-5.268	-1.00	-4.268
Mid	6175	-2.403	-6.603	-1.00	-5.603
High	6415	-1.566	-5.966	-1.00	-4.966



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

Test Engineer:	32181
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5955	-4.70	24.00	-1.00
Mid	6175	-4.20	24.00	-1.00
High	6415	-4.40	24.00	-1.00

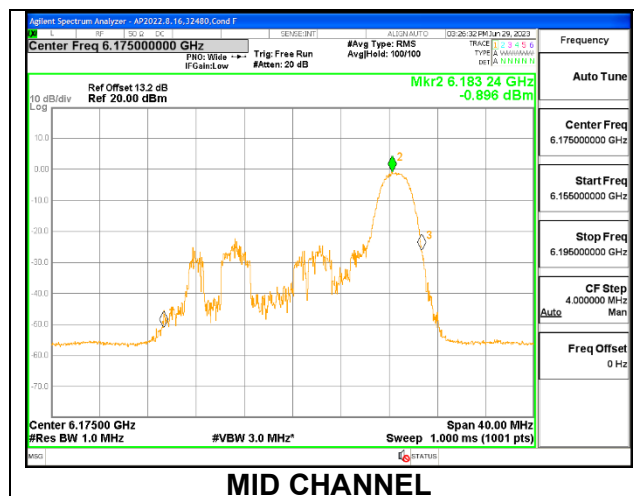
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	2.94	-1.76	24.00	-25.76
Mid	6175	1.48	-2.72	24.00	-26.72
High	6415	2.25	-2.15	24.00	-26.15

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	5955	0.554	-4.146	-1.00	-3.146
Mid	6175	-0.896	-5.096	-1.00	-4.096
High	6415	-0.597	-4.997	-1.00	-3.997



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

Test Engineer:	32181
Test Date:	3/22/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)
Low	5955	-4.70	24.00	-1.00
Mid	6175	-4.20	24.00	-1.00
High	6415	-4.40	24.00	-1.00

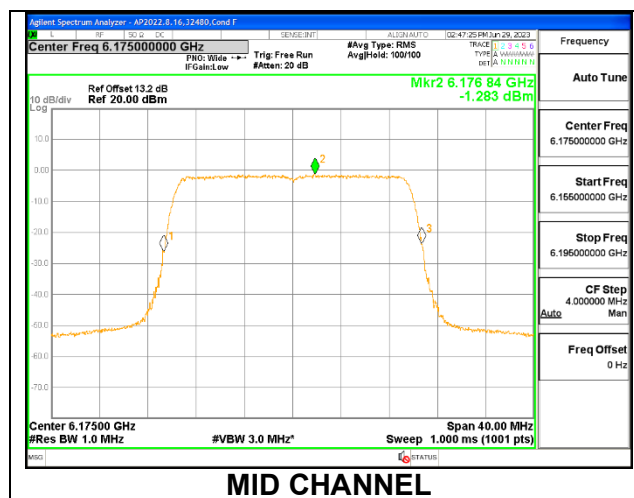
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5955	11.94	7.24	24.00	-16.76
Mid	6175	10.41	6.21	24.00	-17.79
High	6415	11.27	6.87	24.00	-17.13

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	5955	0.413	-4.29	-1.00	-3.287
Mid	6175	-1.283	-5.48	-1.00	-4.483
High	6415	-0.675	-5.08	-1.00	-4.075



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

Test Engineer:	32181
Test Date:	3/22/2023

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	5955	-3.83	-0.85	24.00	-1.00
Mid	6175	-2.64	0.26	24.00	-1.00
High	6415	-3.29	-0.33	24.00	-1.00

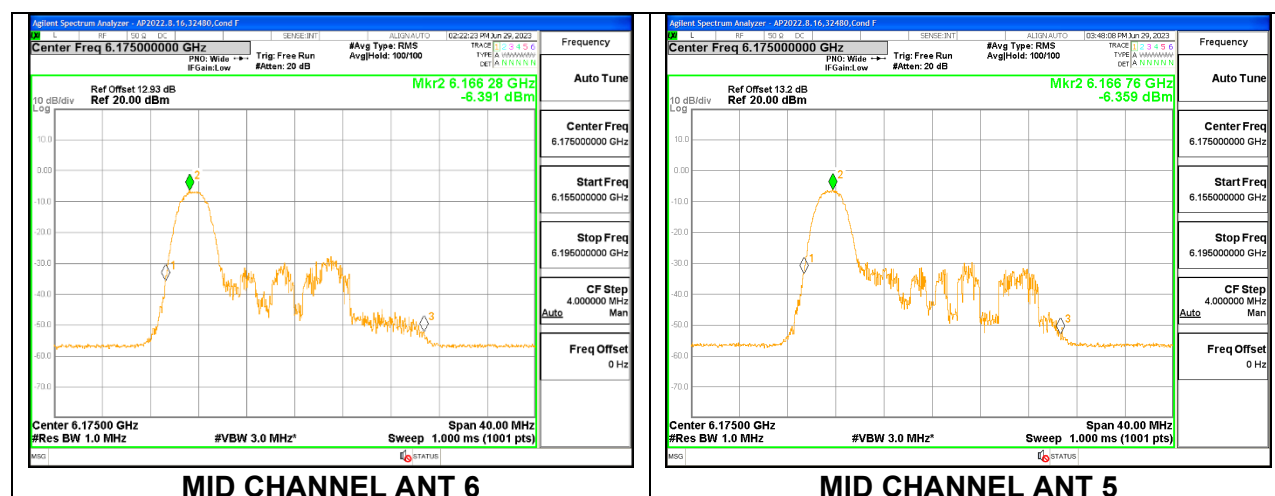
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	-2.55	-2.54	-3.36	24.00	-27.36
Mid	6175	-3.53	-3.53	-3.16	24.00	-27.16
High	6415	-3.13	-3.14	-3.41	24.00	-27.41

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	5955	-5.319	-5.267	-3.136	-1.00	-2.136
Mid	6175	-6.391	-6.359	-3.100	-1.00	-2.100
High	6415	-4.740	-4.644	-2.014	-1.00	-1.014



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

Test Engineer:	32181
Test Date:	3/22/2023

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	5955	-3.83	-0.85	24.00	-1.00
Mid	6175	-2.64	0.26	24.00	-1.00
High	6415	-3.29	-0.33	24.00	-1.00

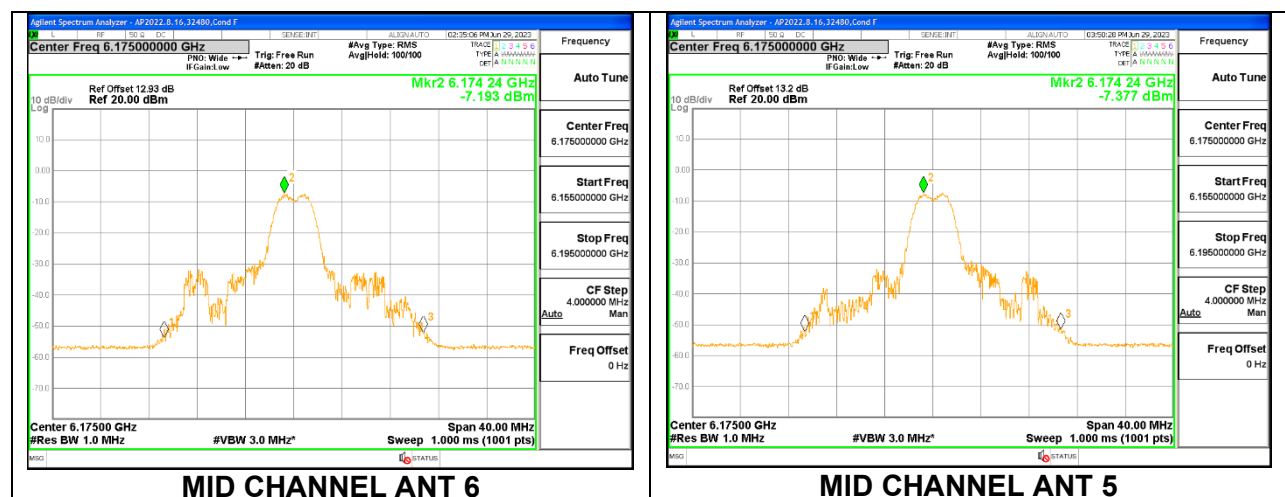
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	-2.55	-2.56	-3.37	24.00	-27.37
Mid	6175	-3.51	-3.52	-3.15	24.00	-27.15
High	6415	-3.08	-3.16	-3.40	24.00	-27.40

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	5955	-6.253	-6.028	-3.982	-1.00	-2.982
Mid	6175	-7.193	-7.377	-4.009	-1.00	-3.009
High	6415	-5.348	-5.518	-2.754	-1.00	-1.754



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

Test Engineer:	32181
Test Date:	5/27/2023

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	5955	-3.83	-0.85	24.00	-1.00
Mid	6175	-2.64	0.26	24.00	-1.00
High	6415	-3.29	-0.33	24.00	-1.00

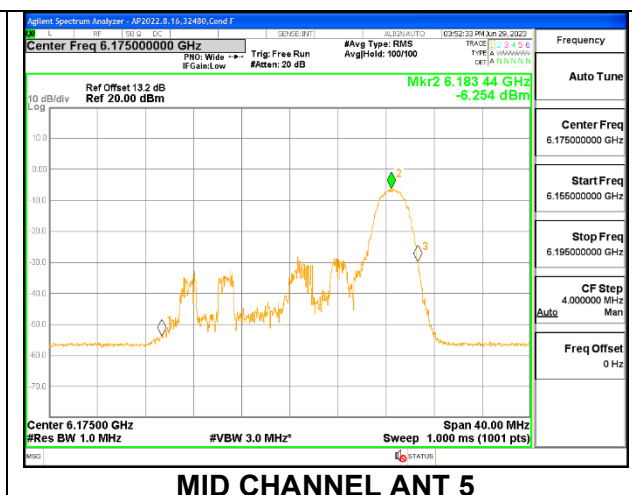
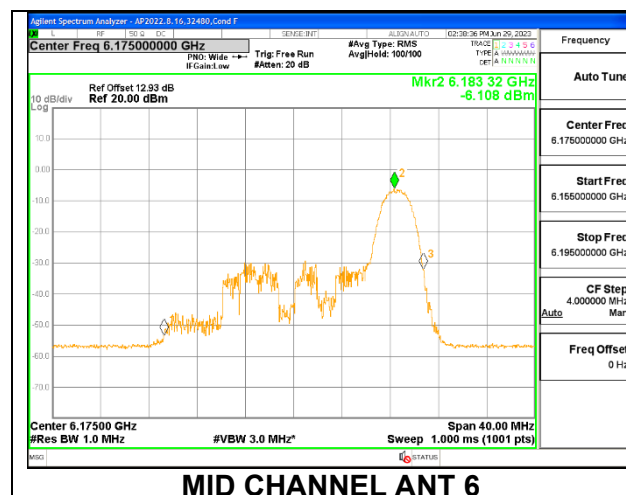
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	-2.56	-2.64	-3.42	24.00	-27.42
Mid	6175	-3.54	-3.56	-3.18	24.00	-27.18
High	6415	-3.07	-3.08	-3.35	24.00	-27.35

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	5955	-5.311	-5.122	-3.058	-1.00	-2.058
Mid	6175	-6.108	-6.254	-2.905	-1.00	-1.905
High	6415	-4.647	-4.577	-1.934	-1.00	-0.934



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

Test Engineer:	32181
Test Date:	3/22/2023

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	5955	-3.83	-0.85	24.00	-1.00
Mid	6175	-2.64	0.26	24.00	-1.00
High	6415	-3.29	-0.33	24.00	-1.00

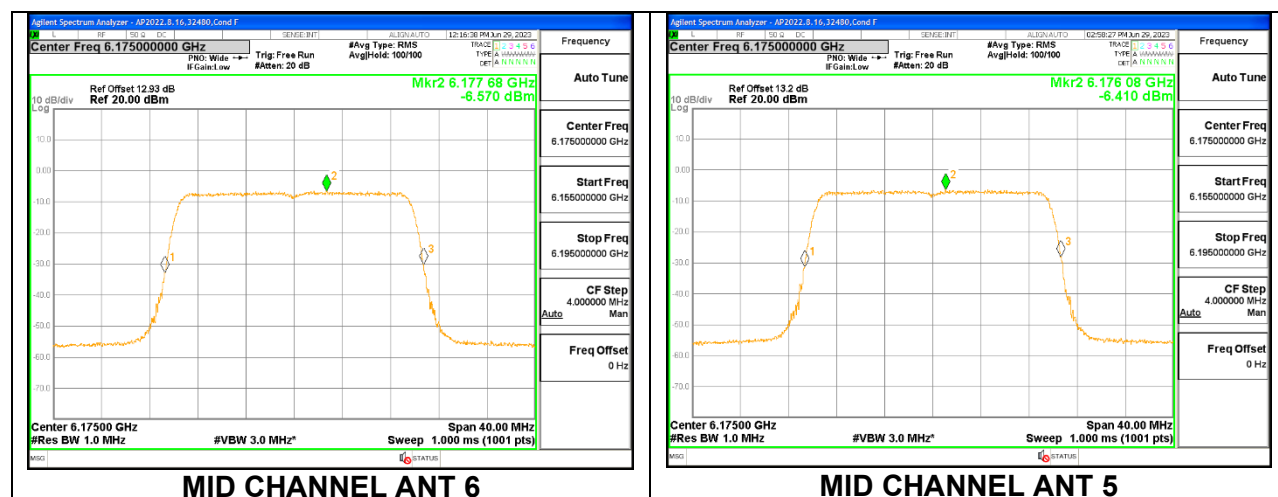
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	6.75	6.75	5.93	24.00	-18.07
Mid	6175	5.46	5.40	5.80	24.00	-18.20
High	6415	6.24	6.28	5.98	24.00	-18.02

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	5955	-5.296	-5.156	-3.068	-1.00	-2.068
Mid	6175	-6.570	-6.410	-3.214	-1.00	-2.214
High	6415	-4.216	-4.180	-1.520	-1.00	-0.520



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

Test Engineer:	28161
Test Date:	6/19/2023

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	5955	-3.83	-3.83	24.00	-1.00
Mid	6175	-2.64	-2.64	24.00	-1.00
High	6415	-3.29	-3.29	24.00	-1.00

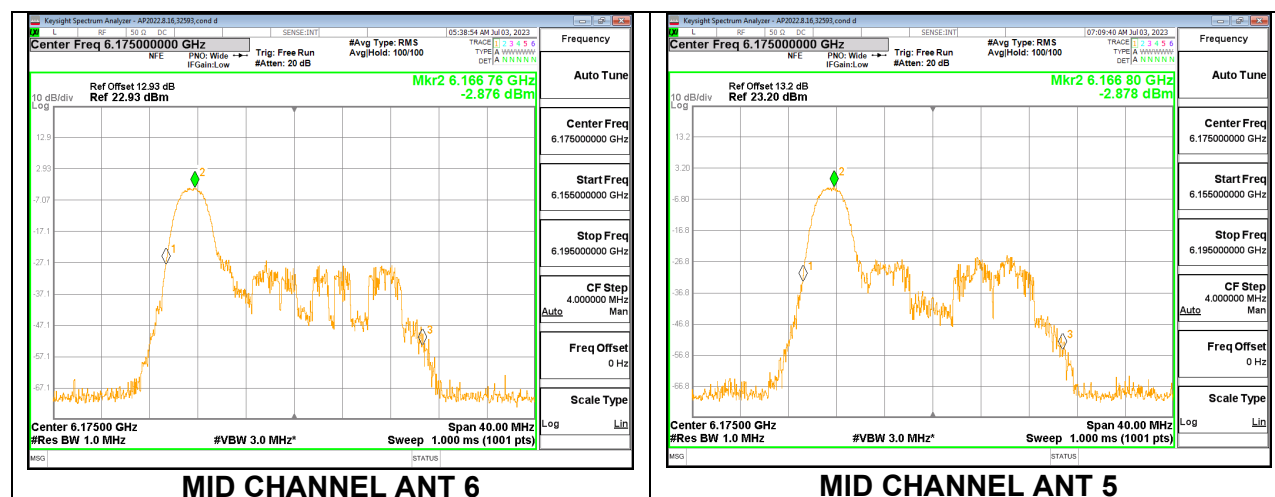
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	0.72	0.75	-0.08	24.00	-24.08
Mid	6175	-0.59	-0.58	-0.22	24.00	-24.22
High	6415	0.25	0.25	-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	5955	-0.811	-0.851	-1.647	-1.00	-0.647
Mid	6175	-2.876	-2.878	-2.510	-1.00	-1.510
High	6415	-1.333	-1.289	-1.587	-1.00	-0.587



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

Test Engineer:	28161
Test Date:	6/19/2023

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	5955	-3.83	-3.83	24.00	-1.00
Mid	6175	-2.64	-2.64	24.00	-1.00
High	6415	-3.29	-3.29	24.00	-1.00

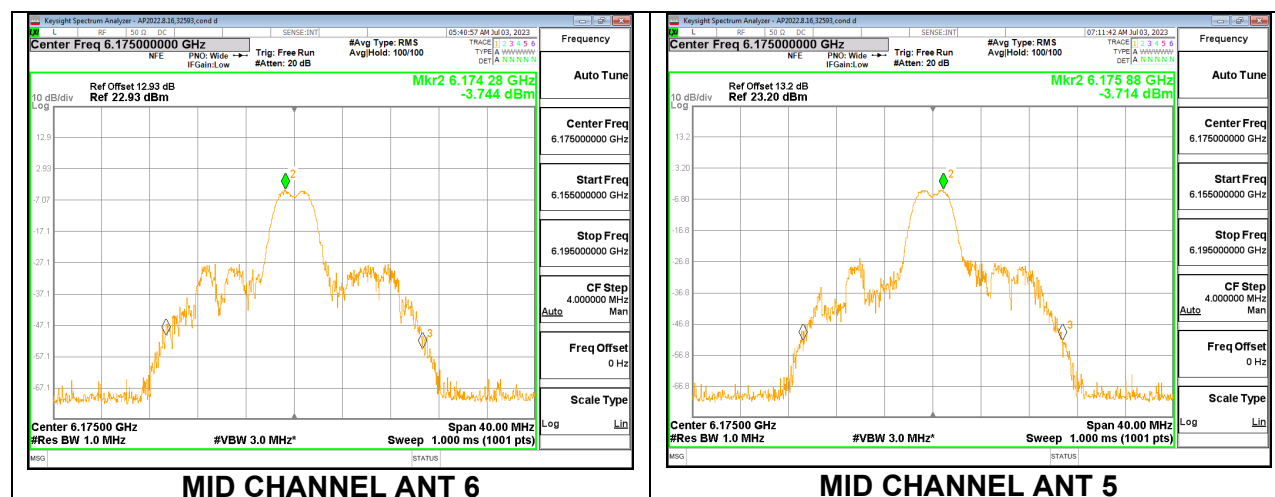
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	0.75	0.74	-0.07	24.00	-24.07
Mid	6175	-0.59	-0.56	-0.21	24.00	-24.21
High	6415	0.23	0.25	-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	5955	-1.843	-1.886	-2.681	-1.00	-1.681
Mid	6175	-3.744	-3.714	-3.362	-1.00	-2.362
High	6415	-2.721	-2.775	-3.023	-1.00	-2.023



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

Test Engineer:	28161
Test Date:	6/19/2023

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	5955	-3.83	-3.83	24.00	-1.00
Mid	6175	-2.64	-2.64	24.00	-1.00
High	6415	-3.29	-3.29	24.00	-1.00

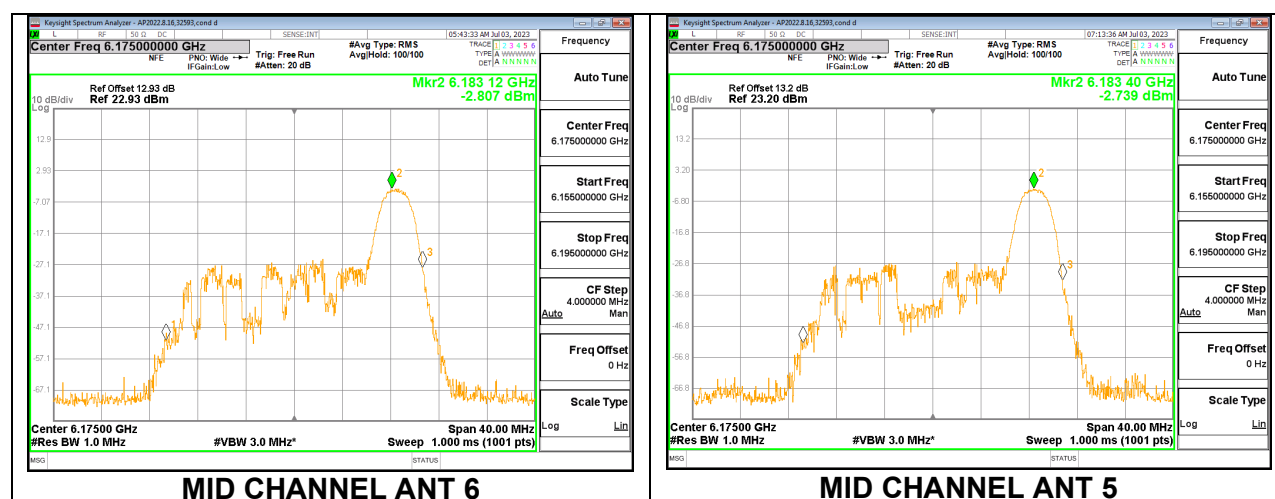
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	0.65	0.75	-0.12	24.00	-24.12
Mid	6175	-0.56	-0.54	-0.18	24.00	-24.18
High	6415	0.25	0.25	-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	5955	-0.818	-0.865	-1.658	-1.00	-0.658
Mid	6175	-2.807	-2.739	-2.406	-1.00	-1.406
High	6415	-1.379	-1.247	-1.588	-1.00	-0.588



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

Test Engineer:	28161
Test Date:	6/19/2023

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	5955	-3.83	-3.83	24.00	-1.00
Mid	6175	-2.64	-2.64	24.00	-1.00
High	6415	-3.29	-3.29	24.00	-1.00

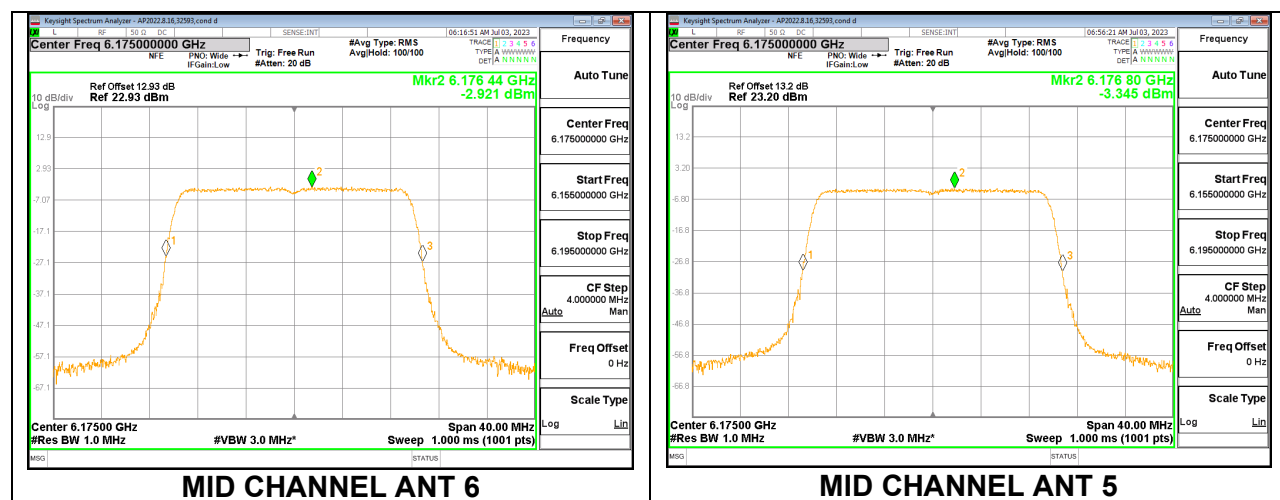
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5955	9.75	9.75	8.93	24.00	-15.07
Mid	6175	8.43	8.45	8.81	24.00	-15.19
High	6415	9.25	9.25	8.97	24.00	-15.03

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	5955	-1.570	-1.563	-2.383	-1.00	-1.383
Mid	6175	-2.921	-3.345	-2.761	-1.00	-1.761
High	6415	-2.469	-2.247	-2.632	-1.00	-1.632



9.3.2. 802.11ax HE40 MODE IN THE UNII-5 BAND

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

Test Engineer:	28502
Test Date:	5/30/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP ower Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-3.10	24.00	-1.00
Mid	6165	-1.50	24.00	-1.00
High	6405	-2.40	24.00	-1.00

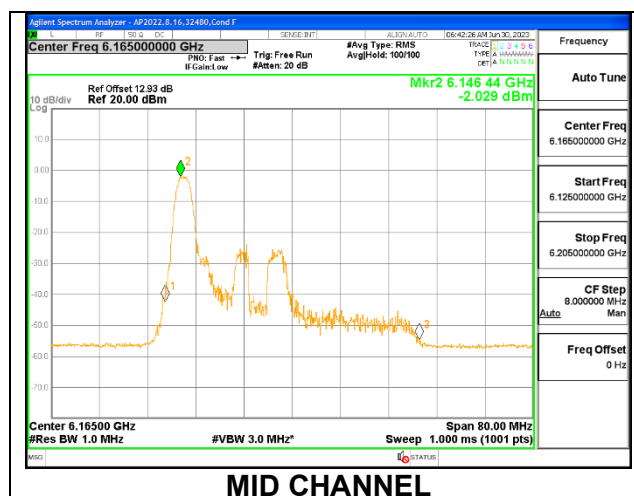
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	2.93	-0.17	24.00	-24.17
Mid	6165	1.42	-0.08	24.00	-24.08
High	6405	2.25	-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	5965	-0.225	-3.325	-1.00	-2.325
Mid	6165	-2.029	-3.529	-1.00	-2.529
High	6405	-1.229	-3.629	-1.00	-2.629



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

Test Engineer:	28502
Test Date:	5/30/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-3.10	24.00	-1.00
Mid	6165	-1.50	24.00	-1.00
High	6405	-2.40	24.00	-1.00

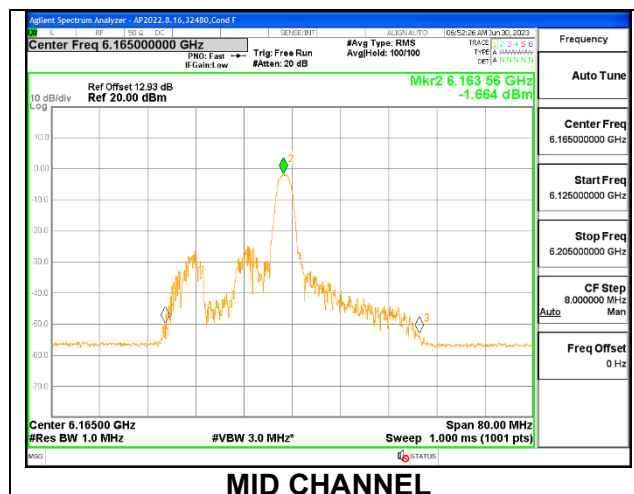
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	2.94	-0.16	24.00	-24.16
Mid	6165	1.31	-0.19	24.00	-24.19
High	6405	2.21	-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)
Low	5965	0.034	-3.066	-1.00	-2.066
Mid	6165	-1.664	-3.164	-1.00	-2.164
High	6405	-0.244	-2.644	-1.00	-1.644



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

Test Engineer:	28502
Test Date:	5/30/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-3.10	24.00	-1.00
Mid	6165	-1.50	24.00	-1.00
High	6405	-2.40	24.00	-1.00

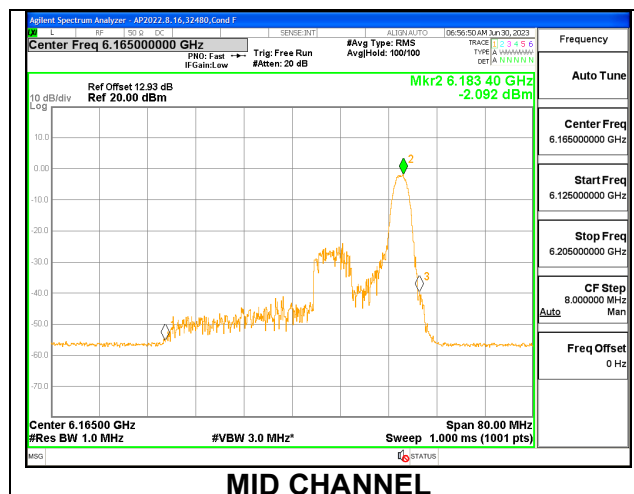
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	2.93	-0.17	24.00	-24.17
Mid	6165	1.47	-0.03	24.00	-24.03
High	6405	2.17	-0.23	24.00	-24.23

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	5965	-0.170	-3.270	-1.00	-2.270
Mid	6165	-2.092	-3.592	-1.00	-2.592
High	6405	-1.212	-3.612	-1.00	-2.612



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

Test Engineer:	28502
Test Date:	3/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-3.10	24.00	-1.00
Mid	6165	-1.50	24.00	-1.00
High	6405	-2.40	24.00	-1.00

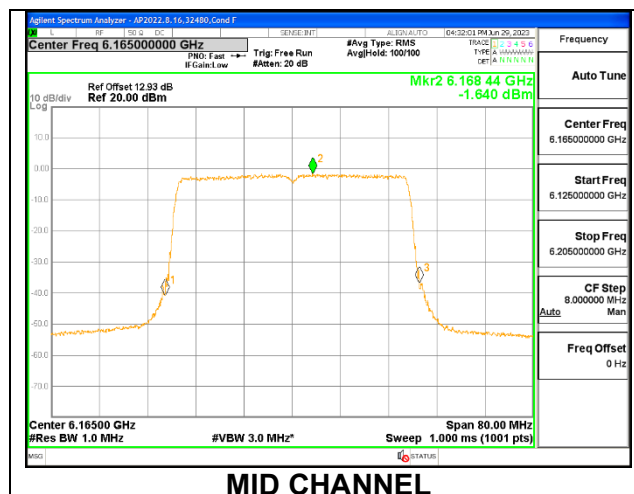
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	14.94	11.84	24.00	-12.16
Mid	6165	13.40	11.90	24.00	-12.10
High	6405	14.24	11.84	24.00	-12.16

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	5965	0.178	-2.922	-1.00	-1.922
Mid	6165	-1.640	-3.140	-1.00	-2.140
High	6405	0.755	-1.645	-1.00	-0.645



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

Test Engineer:	28502
Test Date:	5/30/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-4.70	24.00	-1.00
Mid	6165	-4.20	24.00	-1.00
High	6405	-4.40	24.00	-1.00

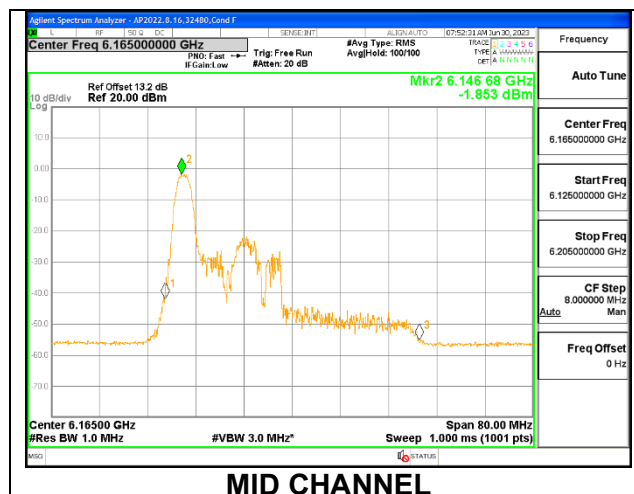
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	2.96	-1.74	24.00	-25.74
Mid	6165	1.44	-2.76	24.00	-26.76
High	6405	2.25	-2.15	24.00	-26.15

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	5965	-0.414	-5.114	-1.00	-4.114
Mid	6165	-1.853	-6.053	-1.00	-5.053
High	6405	-1.277	-5.677	-1.00	-4.677



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

Test Engineer:	28502
Test Date:	5/30/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-4.70	24.00	-1.00
Mid	6165	-4.20	24.00	-1.00
High	6405	-4.40	24.00	-1.00

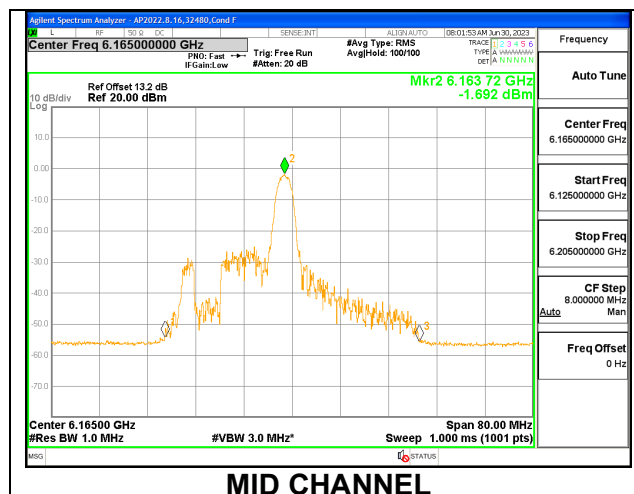
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	2.95	-1.75	24.00	-25.75
Mid	6165	1.42	-2.78	24.00	-26.78
High	6405	2.25	-2.15	24.00	-26.15

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	5965	0.191	-4.509	-1.00	-3.509
Mid	6165	-1.692	-5.892	-1.00	-4.892
High	6405	-0.300	-4.700	-1.00	-3.700



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

Test Engineer:	28502
Test Date:	5/30/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-4.70	24.00	-1.00
Mid	6165	-4.20	24.00	-1.00
High	6405	-4.40	24.00	-1.00

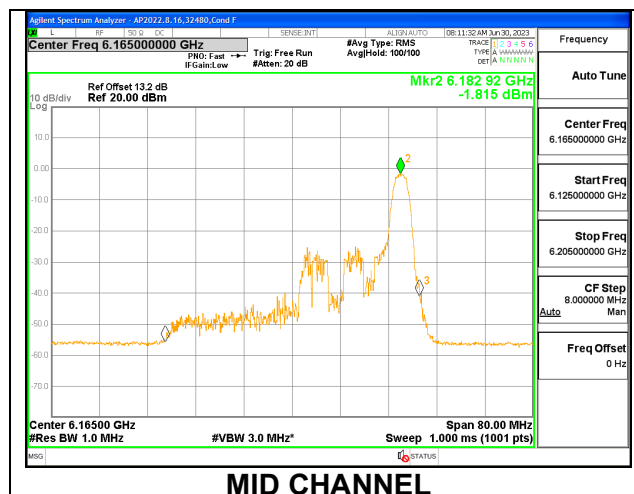
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	2.93	-1.77	24.00	-25.77
Mid	6165	1.44	-2.76	24.00	-26.76
High	6405	2.22	-2.18	24.00	-26.18

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)
Low	5965	-0.281	-4.981	-1.00	-3.981
Mid	6165	-1.815	-6.015	-1.00	-5.015
High	6405	-1.322	-5.722	-1.00	-4.722



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

Test Engineer:	28502
Test Date:	3/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5965	-4.70	24.00	-1.00
Mid	6165	-4.20	24.00	-1.00
High	6405	-4.40	24.00	-1.00

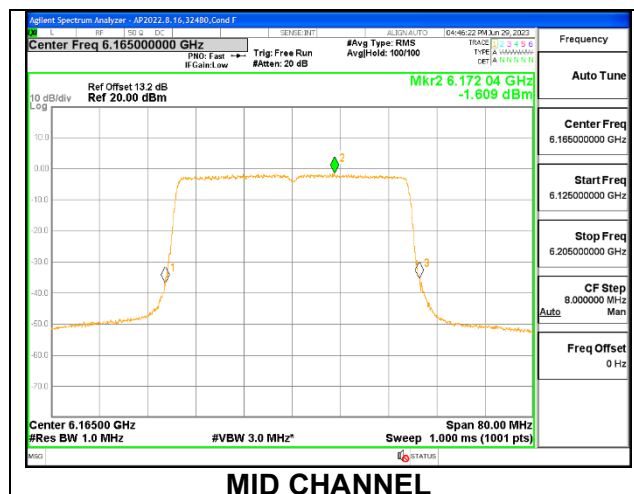
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5965	14.93	10.23	24.00	-13.77
Mid	6165	13.40	9.20	24.00	-14.80
High	6405	14.25	9.85	24.00	-14.15

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	5965	0.385	-4.315	-1.00	-3.315
Mid	6165	-1.609	-5.809	-1.00	-4.809
High	6405	0.782	-3.618	-1.00	-2.618



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

Test Engineer:	32181
Test Date:	3/7/2023

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	5965	-3.83	-0.85	24.00	-1.00
Mid	6165	-2.64	0.26	24.00	-1.00
High	6405	-3.29	-0.33	24.00	-1.00

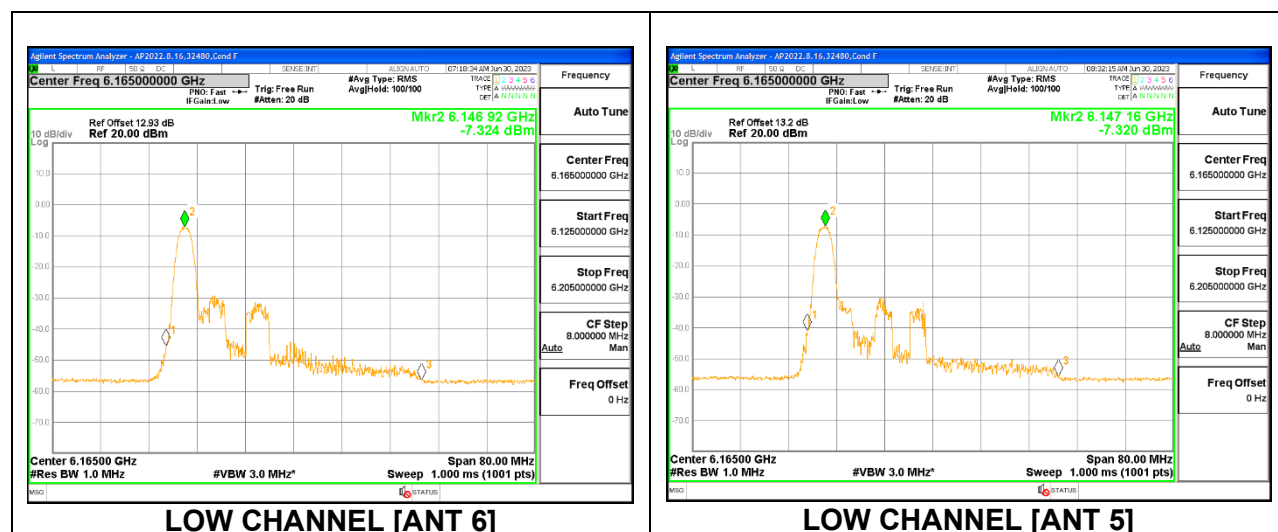
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	-2.60	-2.55	-3.39	24.00	-27.39
Mid	6165	-3.56	-3.53	-3.18	24.00	-27.18
High	6405	-3.25	-3.12	-3.46	24.00	-27.46

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)
Low	5965	-6.114	-6.247	-4.023	-1.00	-3.023
Mid	6165	-7.324	-7.320	-4.047	-1.00	-3.047
High	6405	-6.602	-6.863	-4.053	-1.00	-3.053



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

Test Engineer:	32181
Test Date:	3/7/2023

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	5965	-3.83	-0.85	24.00	-1.00
Mid	6165	-2.64	0.26	24.00	-1.00
High	6405	-3.29	-0.33	24.00	-1.00

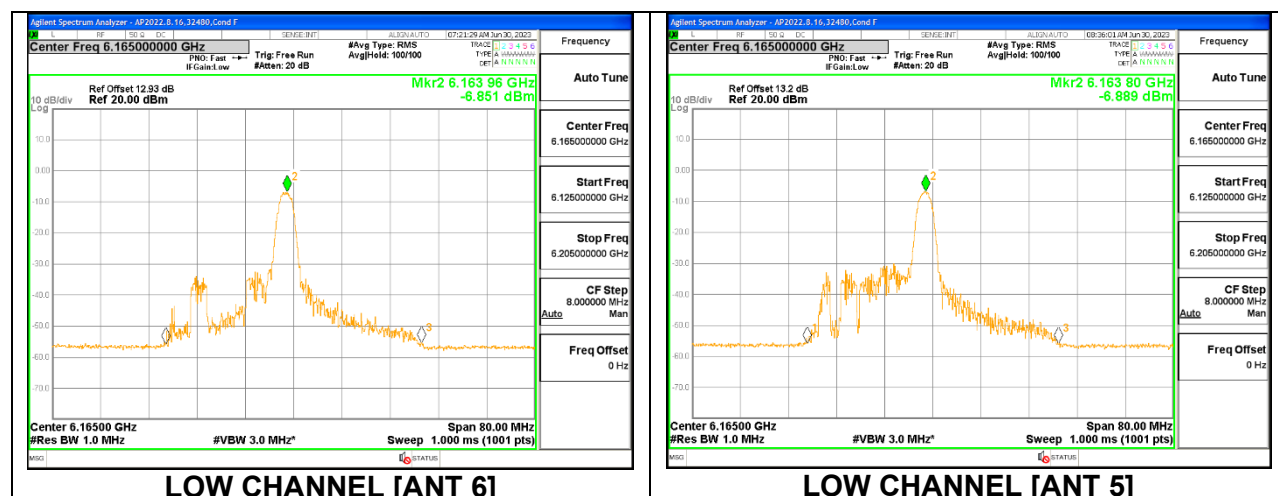
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	-2.60	-2.62	-3.43	24.00	-27.43
Mid	6165	-3.53	-3.53	-3.16	24.00	-27.16
High	6405	-3.19	-3.09	-3.42	24.00	-27.42

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)
Low	5965	-5.375	-5.206	-3.132	-1.00	-2.132
Mid	6165	-6.851	-6.889	-3.595	-1.00	-2.595
High	6405	-5.999	-5.851	-3.246	-1.00	-2.246



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

Test Engineer:	32181
Test Date:	3/7/2023

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	5965	-3.83	-0.85	24.00	-1.00
Mid	6165	-2.64	0.26	24.00	-1.00
High	6405	-3.29	-0.33	24.00	-1.00

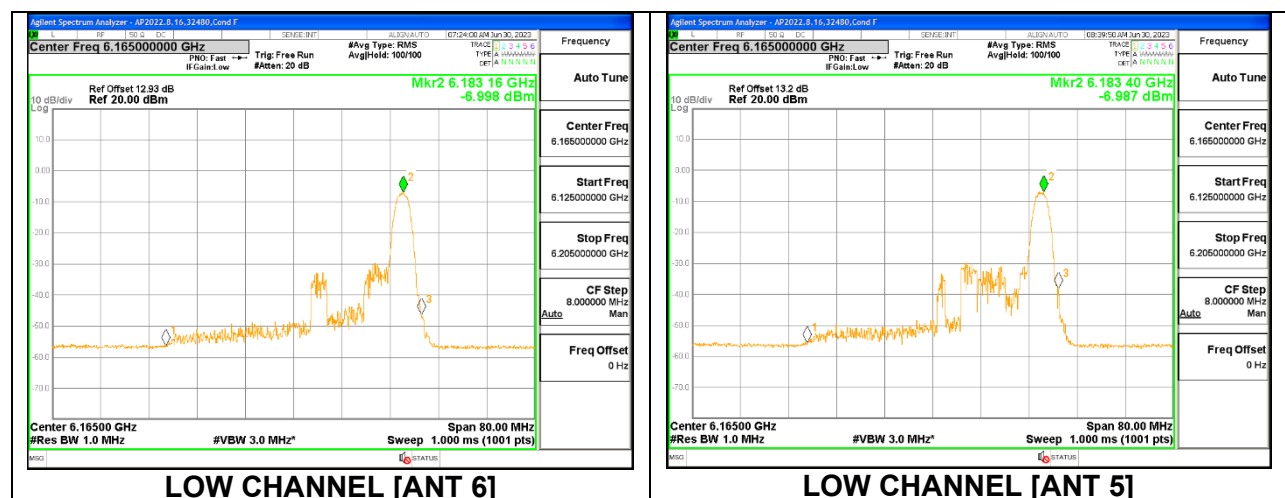
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	-2.56	-2.58	-3.39	24.00	-27.39
Mid	6165	-3.54	-3.56	-3.18	24.00	-27.18
High	6405	-3.08	-3.09	-3.36	24.00	-27.36

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	5965	-6.198	-6.344	-4.113	-1.00	-3.113
Mid	6165	-6.998	-6.987	-3.717	-1.00	-2.717
High	6405	-6.685	-6.649	-3.989	-1.00	-2.989



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

Test Engineer:	28502
Test Date:	5/30/2023

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	5965	-3.83	-0.85	24.00	-1.00
Mid	6165	-2.64	0.26	24.00	-1.00
High	6405	-3.29	-0.33	24.00	-1.00

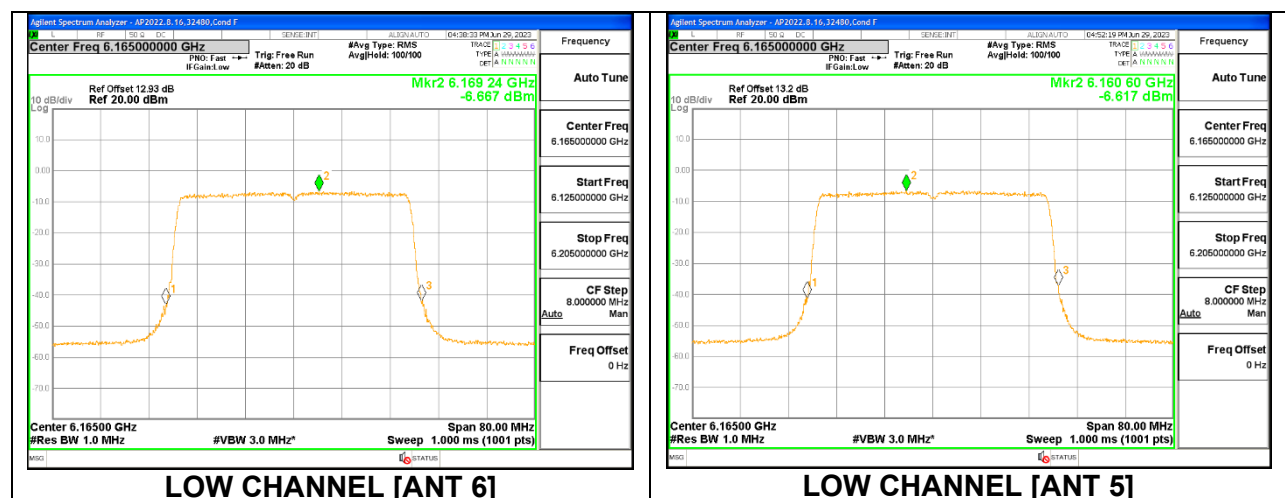
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	9.70	9.73	8.90	24.00	-15.10
Mid	6165	8.25	8.26	8.62	24.00	-15.38
High	6405	9.15	9.18	8.89	24.00	-15.11

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)
Low	5965	-4.900	-4.753	-2.668	-1.00	-1.668
Mid	6165	-6.667	-6.617	-3.367	-1.00	-2.367
High	6405	-5.367	-5.242	-2.626	-1.00	-1.626



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

Test Engineer:	28502
Test Date:	6/19/2023

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	5965	-3.83	-3.83	24.00	-1.00
Mid	6165	-2.64	-2.64	24.00	-1.00
High	6405	-3.29	-3.29	24.00	-1.00

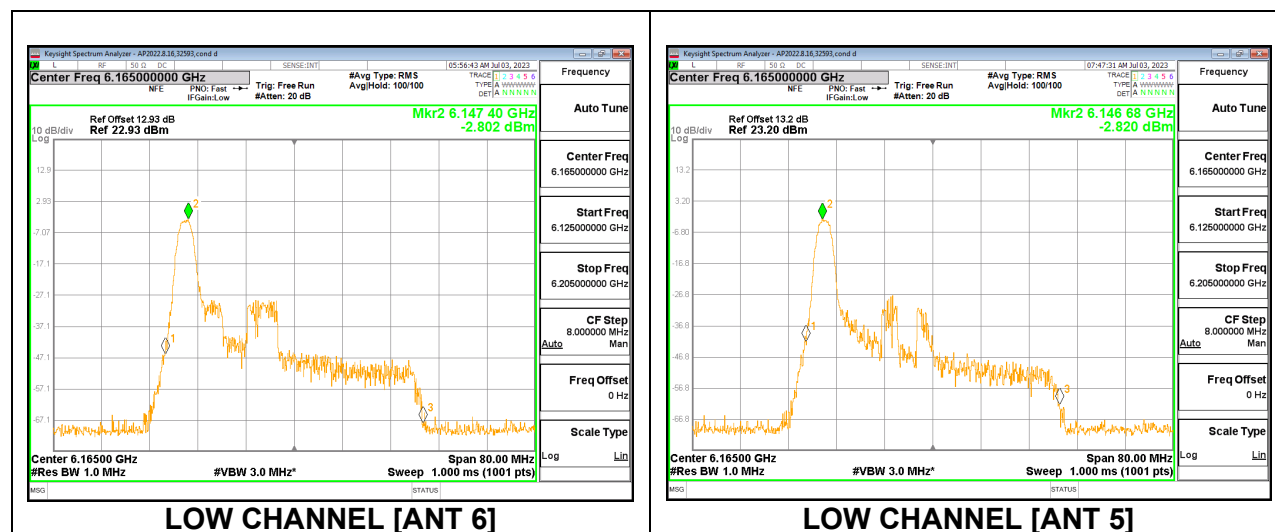
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	0.74	0.75	-0.07	24.00	-24.07
Mid	6165	-0.52	-0.53	-0.16	24.00	-24.16
High	6405	0.25	0.25	-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	5965	-0.707	-0.591	-1.465	-1.00	-0.465
Mid	6165	-2.802	-2.820	-2.444	-1.00	-1.444
High	6405	-2.491	-2.580	-2.811	-1.00	-1.811



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

Test Engineer:	28502
Test Date:	6/19/2023

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	5965	-3.83	-3.83	24.00	-1.00
Mid	6165	-2.64	-2.64	24.00	-1.00
High	6405	-3.29	-3.29	24.00	-1.00

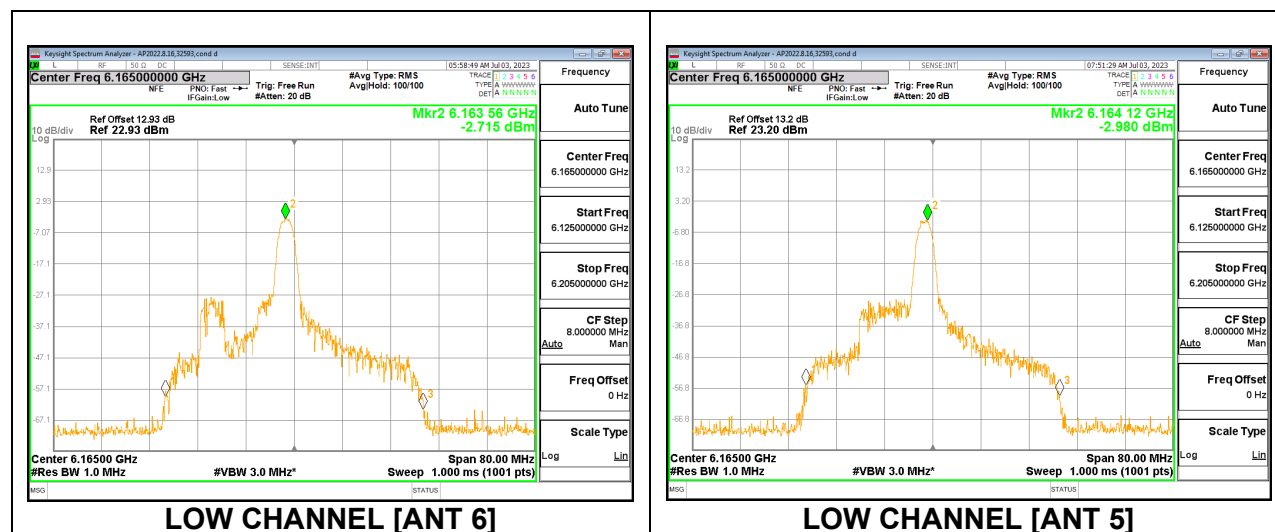
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	0.72	0.75	-0.08	24.00	-24.08
Mid	6165	-0.55	-0.54	-0.18	24.00	-24.18
High	6405	0.25	0.23	-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	5965	-0.556	-0.541	-1.365	-1.00	-0.365
Mid	6165	-2.715	-2.980	-2.479	-1.00	-1.479
High	6405	-2.553	-2.448	-2.776	-1.00	-1.776



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

Test Engineer:	28502
Test Date:	6/19/2023

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	5965	-3.83	-3.83	24.00	-1.00
Mid	6165	-2.64	-2.64	24.00	-1.00
High	6405	-3.29	-3.29	24.00	-1.00

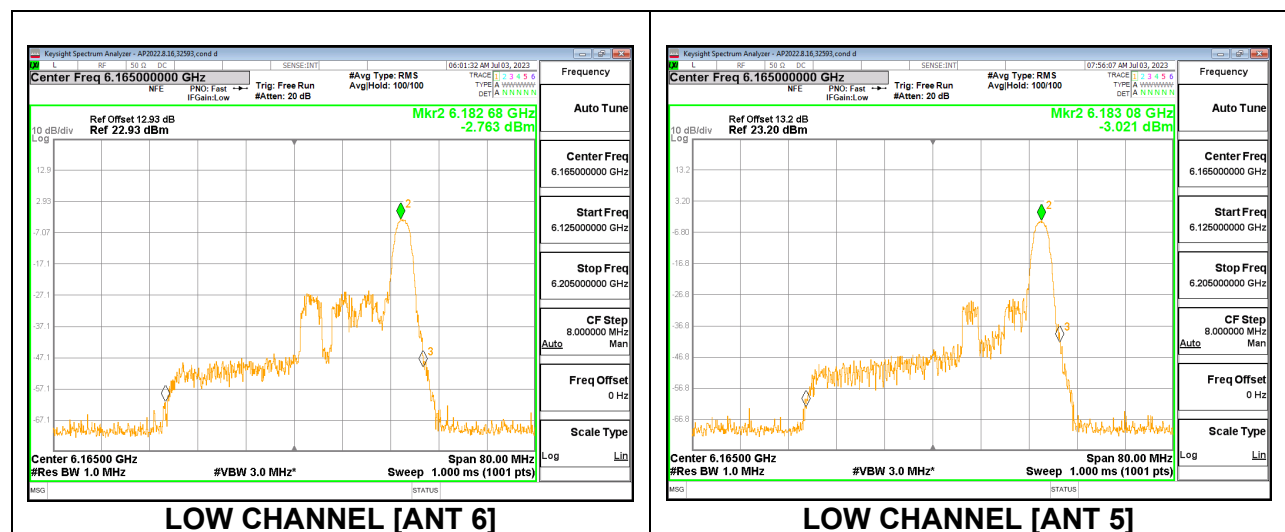
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	0.75	0.74	-0.07	24.00	-24.07
Mid	6165	-0.53	-0.57	-0.18	24.00	-24.18
High	6405	0.25	0.25	-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	5965	-0.727	-0.873	-1.616	-1.00	-0.616
Mid	6165	-2.763	-3.021	-2.523	-1.00	-1.523
High	6405	-2.472	-2.427	-2.725	-1.00	-1.725



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

Test Engineer:	28502
Test Date:	6/19/2023

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	5965	-3.83	-3.83	24.00	-1.00
Mid	6165	-2.64	-2.64	24.00	-1.00
High	6405	-3.29	-3.29	24.00	-1.00

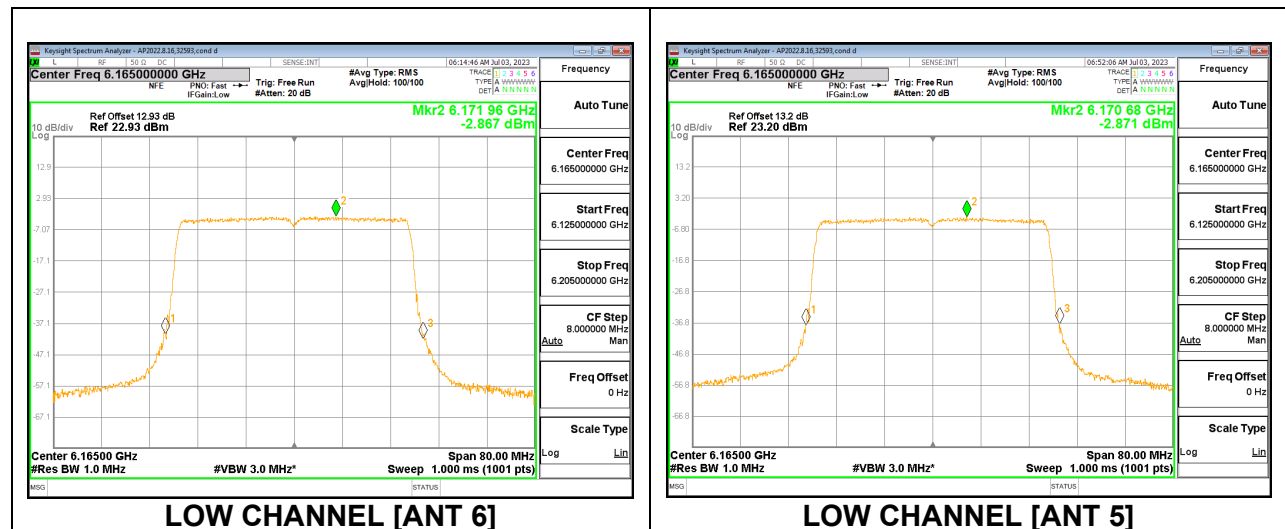
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5965	12.75	12.76	11.94	24.00	-12.06
Mid	6165	11.22	11.21	11.58	24.00	-12.42
High	6405	12.25	12.20	11.95	24.00	-12.05

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)
Low	5965	-1.255	-1.269	-2.078	-1.00	-1.078
Mid	6165	-2.867	-2.871	-2.502	-1.00	-1.502
High	6405	-2.022	-2.221	-2.396	-1.00	-1.396



9.3.3. 802.11ax HE80 MODE IN THE UNII-5 BAND

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

Test Engineer:	28502
Test Date:	5/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-3.10	24.00	-1.00
Mid	6145	-1.50	24.00	-1.00
High	6385	-2.40	24.00	-1.00

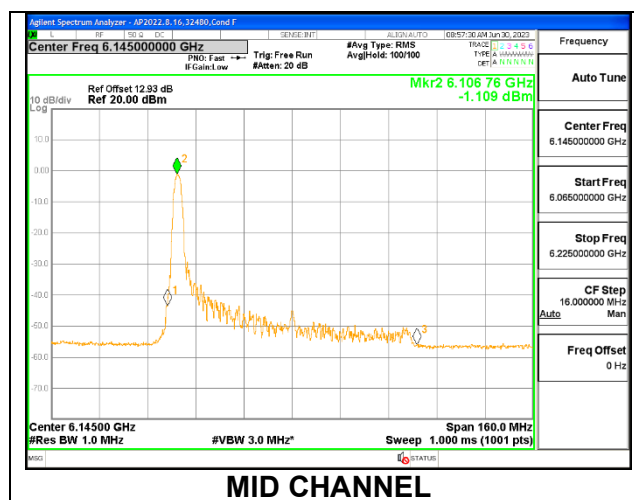
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	2.80	-0.30	24.00	-24.30
Mid	6145	1.39	-0.11	24.00	-24.11
High	6385	2.25	-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	5985	0.350	-2.750	-1.00	-1.750
Mid	6145	-1.109	-2.609	-1.00	-1.609
High	6385	-0.123	-2.523	-1.00	-1.523



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

Test Engineer:	28502
Test Date:	3/7/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-3.10	24.00	-1.00
Mid	6145	-1.50	24.00	-1.00
High	6385	-2.40	24.00	-1.00

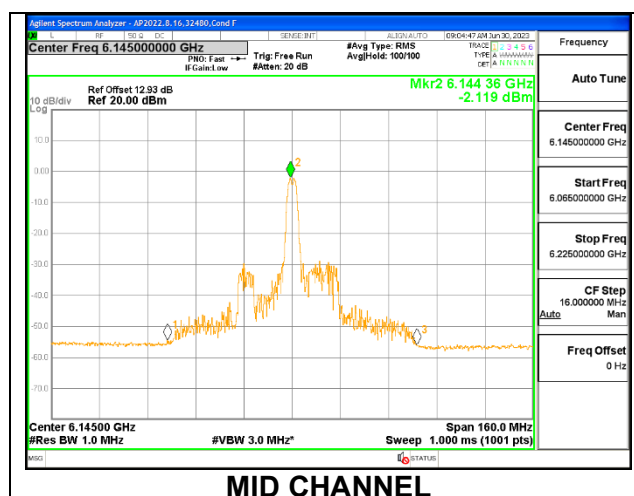
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	2.93	-0.17	24.00	-24.17
Mid	6145	1.47	-0.03	24.00	-24.03
High	6385	2.25	-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	5985	-0.652	-3.752	-1.00	-2.752
Mid	6145	-2.119	-3.619	-1.00	-2.619
High	6385	-1.518	-3.918	-1.00	-2.918



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

Test Engineer:	28502
Test Date:	3/27/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-3.10	24.00	-1.00
Mid	6145	-1.50	24.00	-1.00
High	6385	-2.40	24.00	-1.00

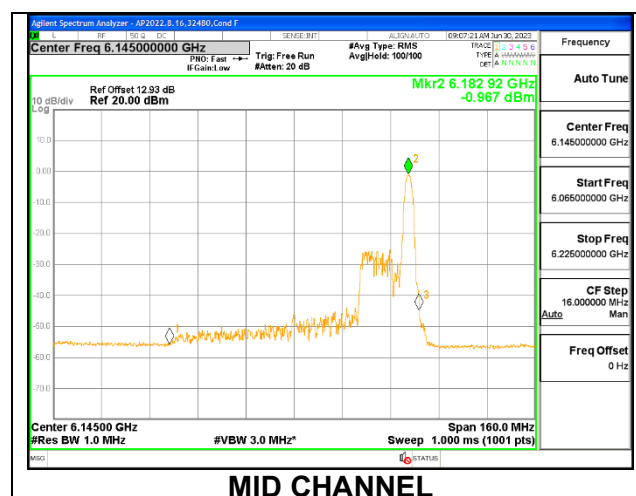
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	2.97	-0.13	24.00	-24.13
Mid	6145	1.40	-0.10	24.00	-24.10
High	6385	2.18	-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)
Low	5985	0.237	-2.863	-1.00	-1.863
Mid	6145	-0.967	-2.467	-1.00	-1.467
High	6385	-0.186	-2.586	-1.00	-1.586



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

Test Engineer:	28502
Test Date:	3/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-3.10	24.00	-1.00
Mid	6145	-1.50	24.00	-1.00
High	6385	-2.40	24.00	-1.00

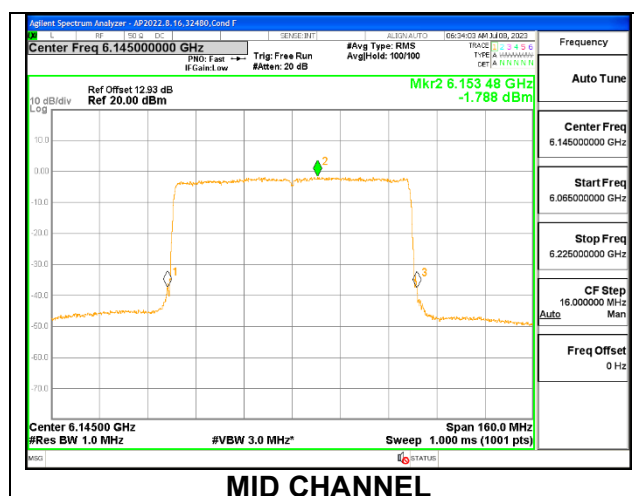
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	17.41	14.31	24.00	-9.69
Mid	6145	15.91	14.41	24.00	-9.59
High	6385	16.73	14.33	24.00	-9.67

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	5985	0.304	-2.796	-1.00	-1.796
Mid	6145	-1.788	-3.288	-1.00	-2.288
High	6385	-0.290	-2.690	-1.00	-1.690



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

Test Engineer:	28502
Test Date:	3/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-4.70	24.00	-1.00
Mid	6145	-4.20	24.00	-1.00
High	6385	-4.40	24.00	-1.00

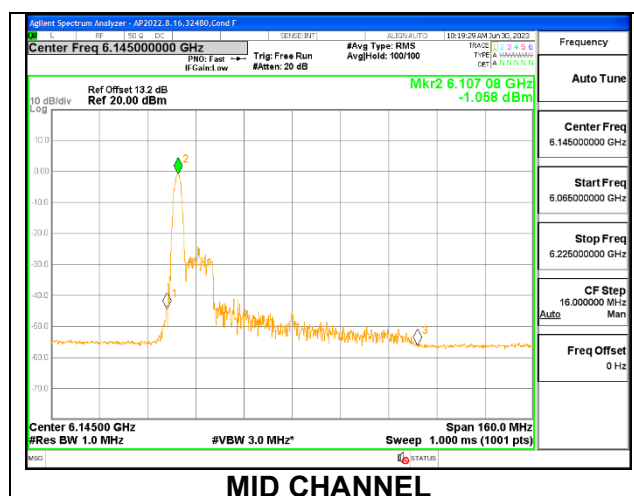
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	2.92	-1.78	24.00	-25.78
Mid	6145	1.41	-2.79	24.00	-26.79
High	6385	2.25	-2.15	24.00	-26.15

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	5985	0.146	-4.554	-1.00	-3.554
Mid	6145	-1.058	-5.258	-1.00	-4.258
High	6385	-0.117	-4.517	-1.00	-3.517



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

Test Engineer:	28502
Test Date:	3/8/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-4.70	24.00	-1.00
Mid	6145	-4.20	24.00	-1.00
High	6385	-4.40	24.00	-1.00

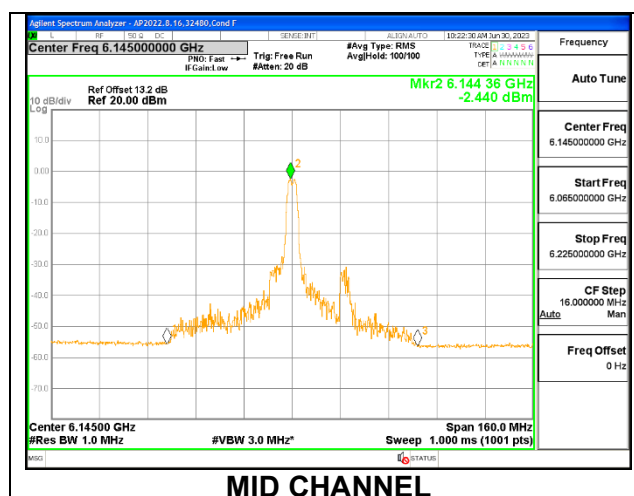
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	2.96	-1.74	24.00	-25.74
Mid	6145	1.46	-2.74	24.00	-26.74
High	6385	2.17	-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	5985	-0.597	-5.297	-1.00	-4.297
Mid	6145	-2.440	-6.640	-1.00	-5.640
High	6385	-1.507	-5.907	-1.00	-4.907



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

Test Engineer:	28502
Test Date:	3/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-4.70	24.00	-1.00
Mid	6145	-4.20	24.00	-1.00
High	6385	-4.40	24.00	-1.00

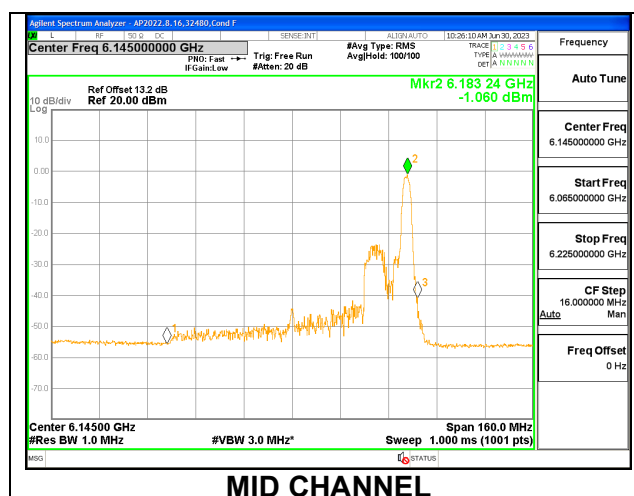
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	2.91	-1.79	24.00	-25.79
Mid	6145	1.41	-2.79	24.00	-26.79
High	6385	2.21	-2.19	24.00	-26.19

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	5985	0.258	-4.442	-1.00	-3.442
Mid	6145	-1.060	-5.260	-1.00	-4.260
High	6385	-0.127	-4.527	-1.00	-3.527



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

Test Engineer:	28502
Test Date:	3/14/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5985	-4.70	24.00	-1.00
Mid	6145	-4.20	24.00	-1.00
High	6385	-4.40	24.00	-1.00

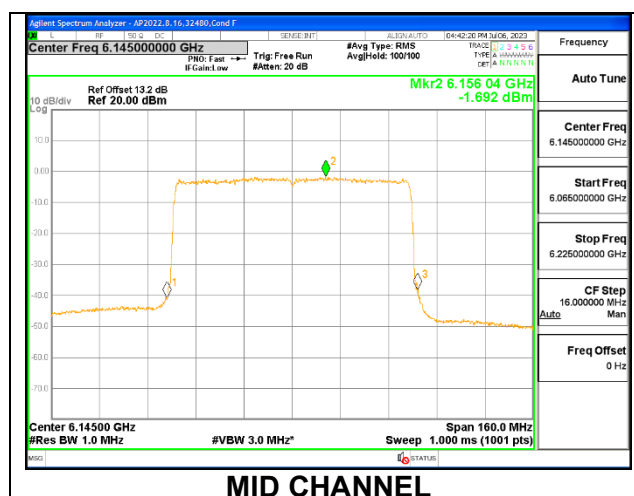
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	17.44	12.74	24.00	-11.26
Mid	6145	15.88	11.68	24.00	-12.32
High	6385	16.65	12.25	24.00	-11.75

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	5985	0.237	-4.463	-1.00	-3.463
Mid	6145	-1.692	-5.892	-1.00	-4.892
High	6385	0.037	-4.363	-1.00	-3.363



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

Test Engineer:	32181
Test Date:	3/8/2023

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	5985	-3.83	-0.85	24.00	-1.00
Mid	6145	-2.64	0.26	24.00	-1.00
High	6385	-3.29	-0.33	24.00	-1.00

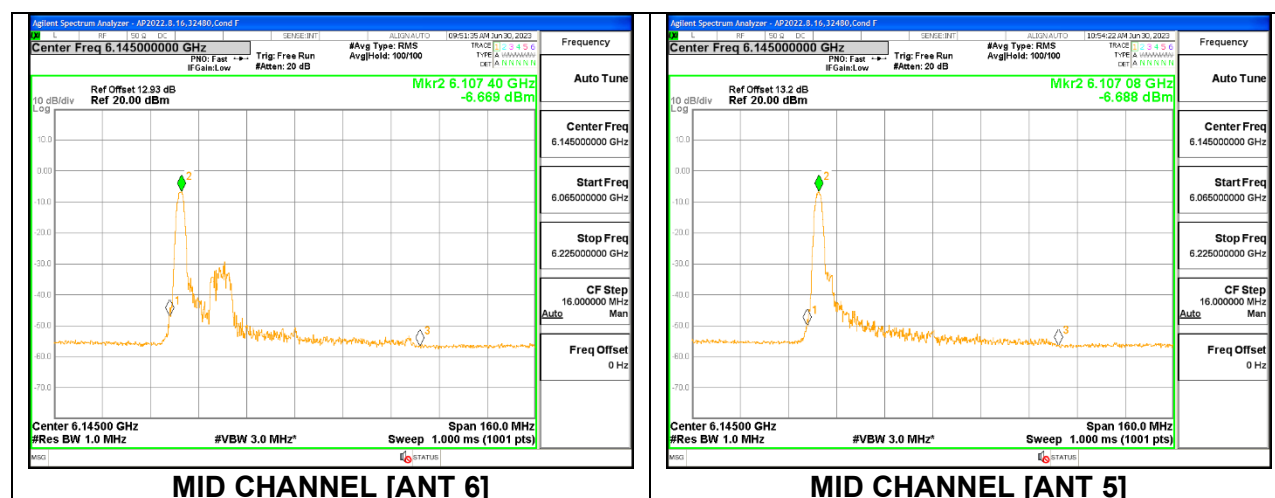
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5985	-2.52	-2.56	-3.36	24.00	-27.36
Mid	6145	-3.52	-3.55	-3.17	24.00	-27.17
High	6385	-3.04	-3.17	-3.38	24.00	-27.38

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	5985	-5.092	-5.073	-2.925	-1.00	-1.925
Mid	6145	-6.669	-6.688	-3.403	-1.00	-2.403
High	6386	-6.096	-6.005	-3.372	-1.00	-2.372



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

Test Engineer:	32181
Test Date:	3/8/2023

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	5985	-3.83	-0.85	24.00	-1.00
Mid	6145	-2.64	0.26	24.00	-1.00
High	6385	-3.29	-0.33	24.00	-1.00

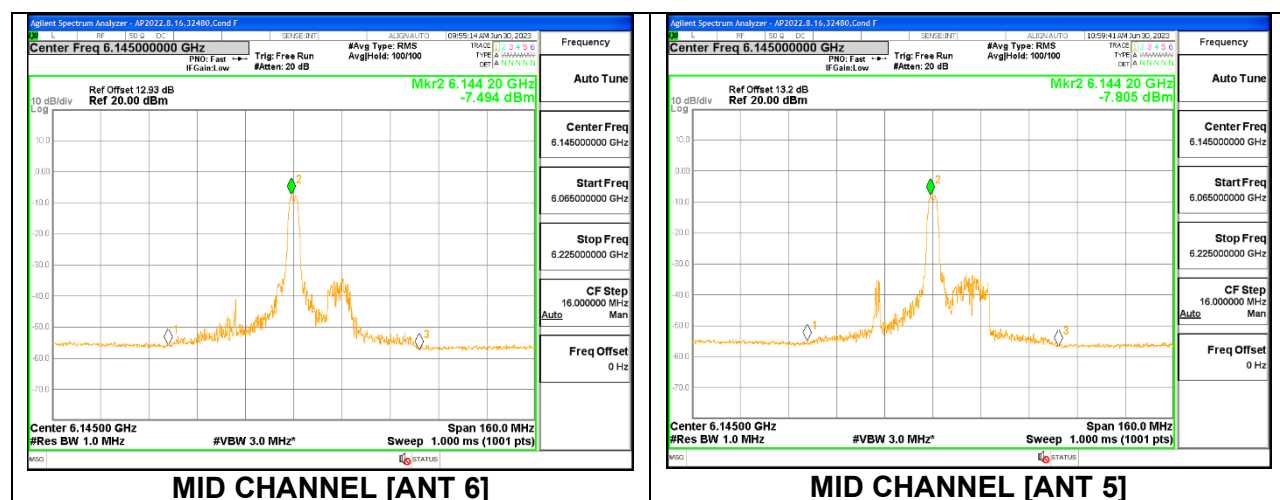
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5985	-2.52	-2.62	-3.39	24.00	-27.39
Mid	6145	-3.59	-3.54	-3.20	24.00	-27.20
High	6385	-3.11	-3.22	-3.44	24.00	-27.44

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)
Low	5985	-6.348	-6.435	-4.234	-1.00	-3.234
Mid	6145	-7.494	-7.805	-4.372	-1.00	-3.372
High	6386	-6.753	-6.972	-4.183	-1.00	-3.183



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

Test Engineer:	32181
Test Date:	3/8/2023

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	5985	-3.83	-0.85	24.00	11.00
Mid	6145	-2.64	0.26	24.00	11.00
High	6385	-3.29	-0.33	24.00	11.00

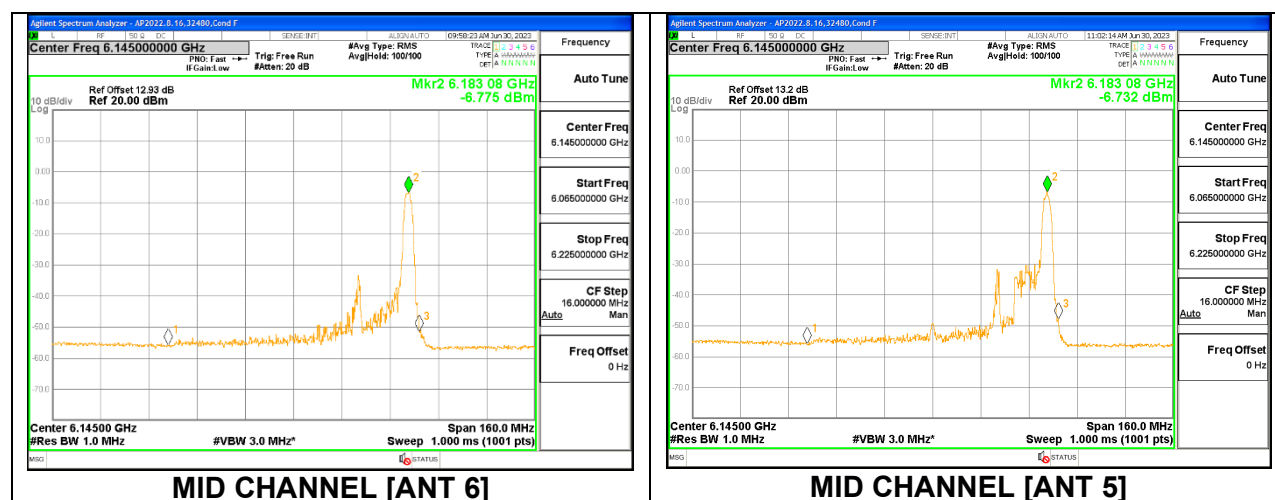
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	-2.56	-2.72	-3.46	24.00	-27.46
Mid	6145	-3.55	-3.65	-3.23	24.00	-27.23
High	6385	-3.12	-3.25	-3.46	24.00	-27.46

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)
Low	5985	-5.007	-5.023	-2.858	11.00	-13.858
Mid	6145	-6.775	-6.732	-3.478	11.00	-14.478
High	6386	-5.990	-5.982	-3.308	11.00	-14.308



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

Test Engineer:	32181
Test Date:	3/7/2023

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	5985	-3.83	-0.85	24.00	11.00
Mid	6145	-2.64	0.26	24.00	11.00
High	6385	-3.29	-0.33	24.00	11.00

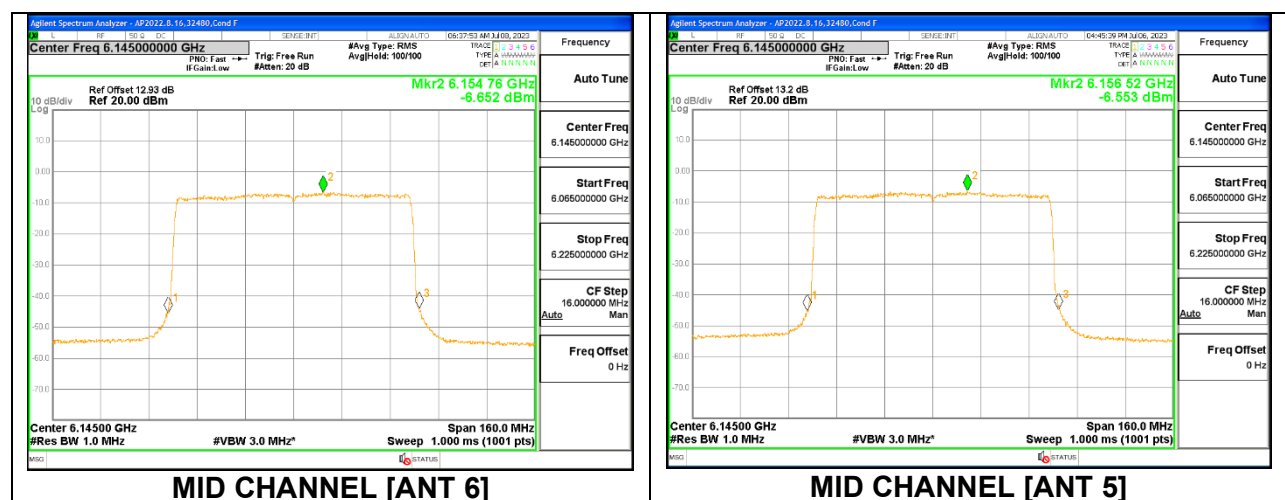
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	5985	12.25	12.20	11.41	24.00	-12.59
Mid	6145	10.74	10.72	11.10	24.00	-12.90
High	6385	11.74	11.78	11.48	24.00	-12.52

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	5985	-5.409	-5.087	-3.088	11.00	-14.088
Mid	6145	-6.652	-6.553	-3.327	11.00	-14.327
High	6386	-4.725	-4.709	-2.039	11.00	-13.039



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

Test Engineer:	28161
Test Date:	6/20/2023

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	5985	-3.83	-3.83	24.00	-1.00
Mid	6145	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

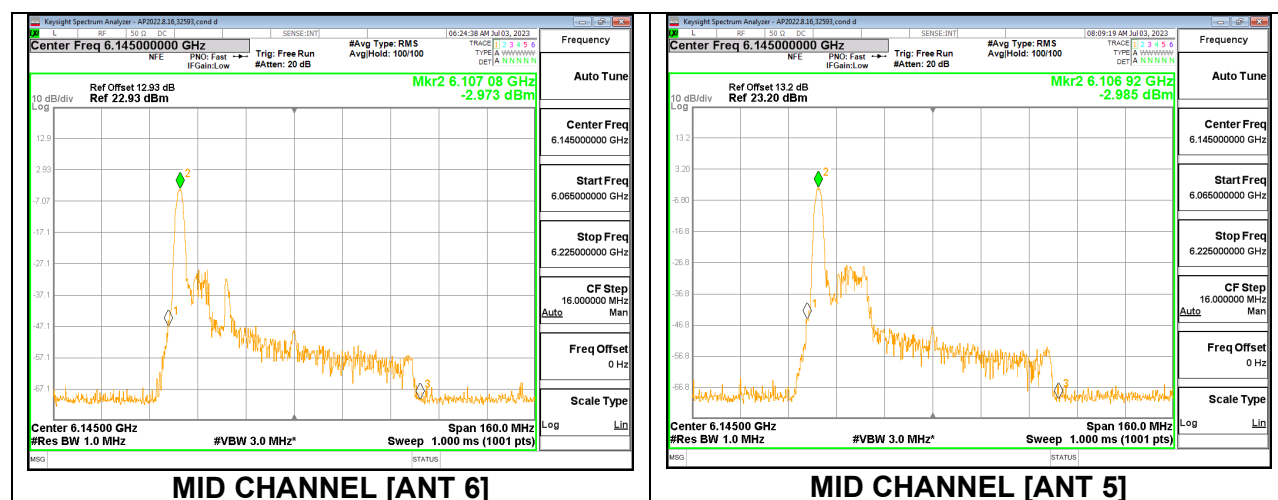
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5985	0.68	0.75	-0.10	24.00	-24.10
Mid	6145	-0.54	-0.53	-0.17	24.00	-24.17
High	6385	0.25	0.24	-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	5985	-0.704	-0.813	-1.575	-1.00	-0.575
Mid	6145	-2.973	-2.985	-2.612	-1.00	-1.612
High	6385	-2.289	-2.424	-2.632	-1.00	-1.632



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

Test Engineer:	28161
Test Date:	6/20/2023

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	5985	-3.83	-3.83	24.00	-1.00
Mid	6145	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

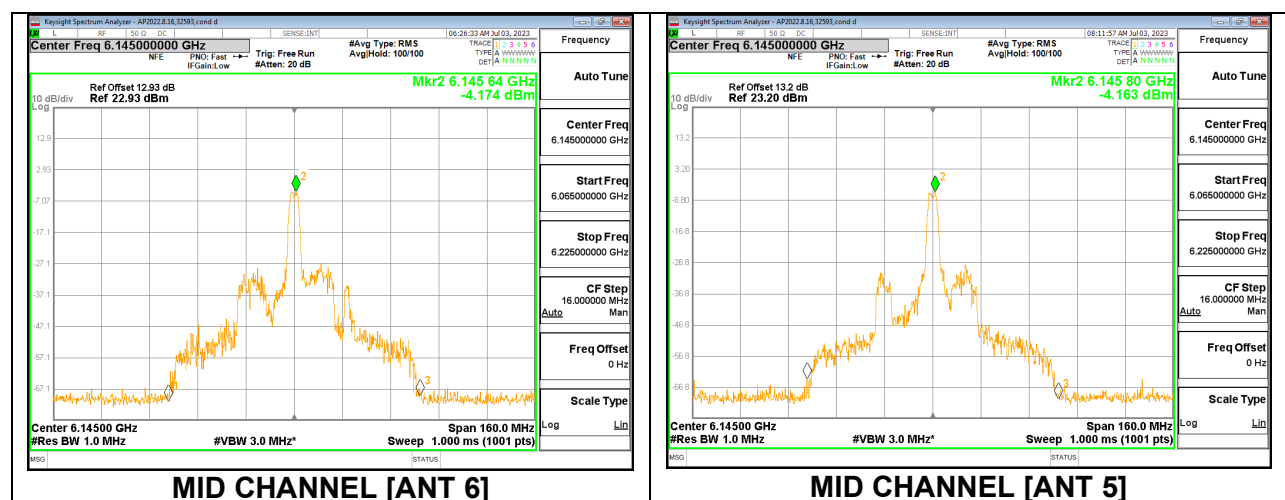
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5985	0.72	0.75	-0.08	24.00	-24.08
Mid	6145	-0.57	-0.55	-0.19	24.00	-24.19
High	6385	0.25	0.28	-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)
Low	5985	-2.127	-2.291	-3.025	-1.00	-2.025
Mid	6145	-4.174	-4.163	-3.802	-1.00	-2.802
High	6385	-3.203	-3.014	-3.383	-1.00	-2.383



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

Test Engineer:	28161
Test Date:	6/20/2023

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	5985	-3.83	-3.83	24.00	-1.00
Mid	6145	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

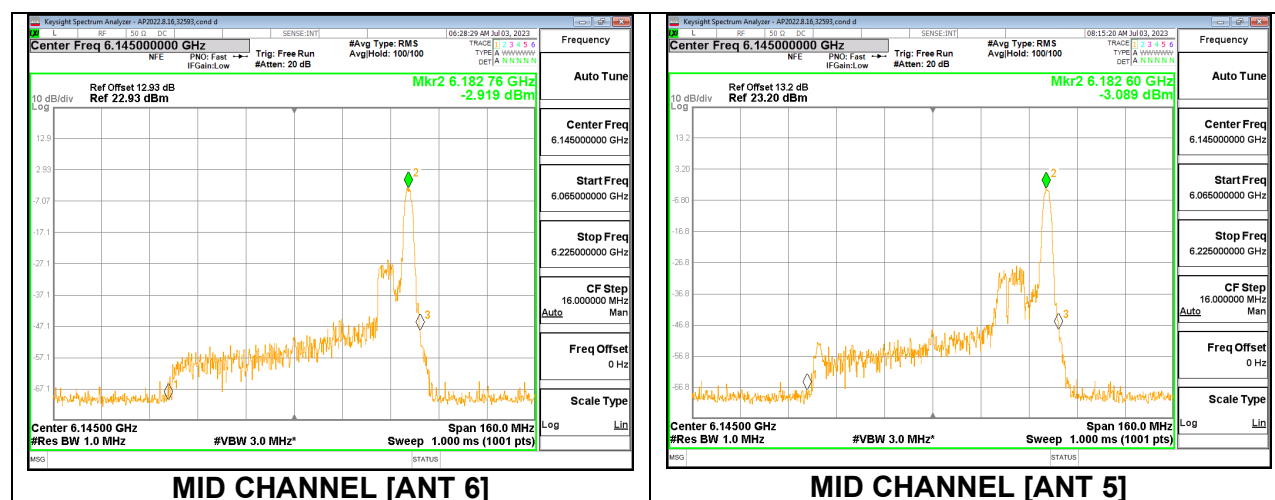
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5985	0.73	0.72	-0.09	24.00	-24.09
Mid	6145	-0.57	-0.52	-0.18	24.00	-24.18
High	6385	0.25	0.26	-0.02	24.00	-24.02

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	5985	-0.803	-0.878	-1.657	-1.00	-0.657
Mid	6145	-2.919	-3.089	-2.636	-1.00	-1.636
High	6385	-2.261	-2.395	-2.603	-1.00	-1.603



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

Test Engineer:	28161
Test Date:	6/20/2023

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	5985	-3.83	-3.83	24.00	-1.00
Mid	6145	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

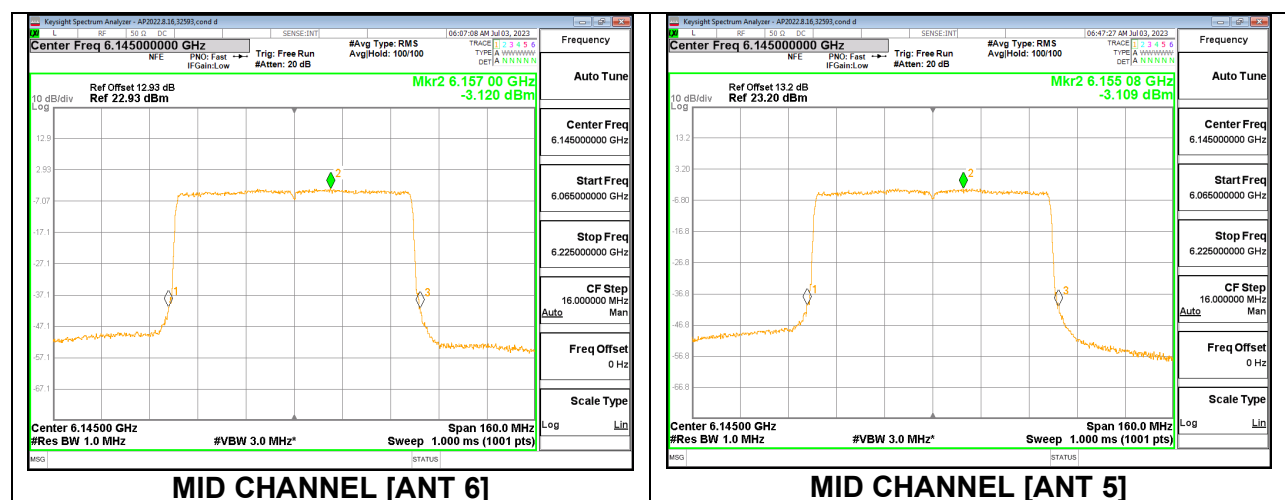
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5985	15.23	15.25	14.42	24.00	-9.58
Mid	6145	13.78	13.75	14.13	24.00	-9.87
High	6385	14.69	14.73	14.43	24.00	-9.57

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	5985	-1.614	-1.613	-2.430	-1.00	-1.430
Mid	6145	-3.120	-3.109	-2.748	-1.00	-1.748
High	6385	-2.215	-2.322	-2.544	-1.00	-1.544



9.3.4. 802.11ax HE160 MODE IN THE UNII-5 BAND

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

Test Engineer:	28502
Test Date:	5/31/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-3.10	24.00	-1.00
Mid	6185	-1.50	24.00	-1.00
High	6345	-2.40	24.00	-1.00

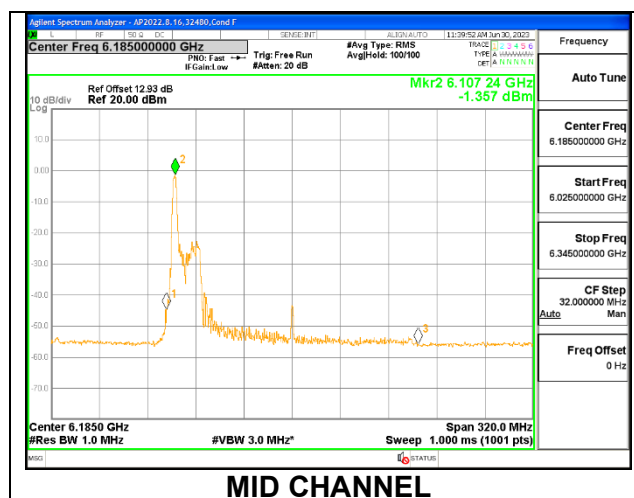
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	2.97	-0.13	24.00	-24.13
Mid	6185	1.42	-0.08	24.00	-24.08
High	6345	2.25	-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	6025	-0.467	-3.567	-1.00	-2.567
Mid	6185	-1.357	-2.857	-1.00	-1.857
High	6345	-0.774	-3.174	-1.00	-2.174



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

Test Engineer:	28502
Test Date:	3/9/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-3.10	24.00	-1.00
Mid	6185	-1.50	24.00	-1.00
High	6345	-2.40	24.00	-1.00

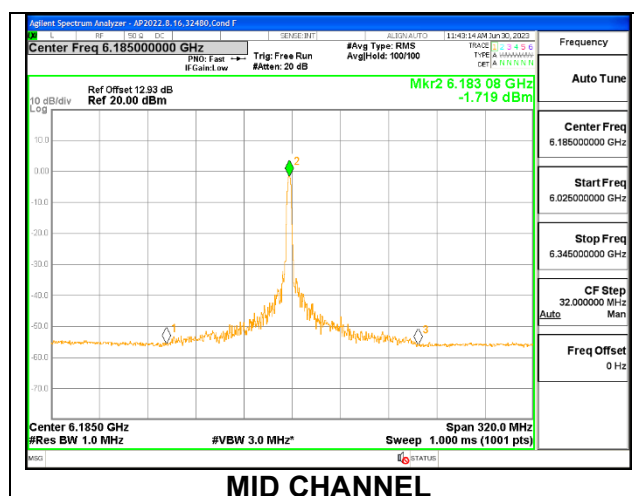
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	2.92	-0.18	24.00	-24.18
Mid	6185	1.41	-0.09	24.00	-24.09
High	6345	2.24	-0.16	24.00	-24.16

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	6025	-0.633	-3.733	-1.00	-2.733
Mid	6185	-1.719	-3.219	-1.00	-2.219
High	6345	-0.868	-3.268	-1.00	-2.268



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

Test Engineer:	28502
Test Date:	3/27/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-3.10	24.00	-1.00
Mid	6185	-1.50	24.00	-1.00
High	6345	-2.40	24.00	-1.00

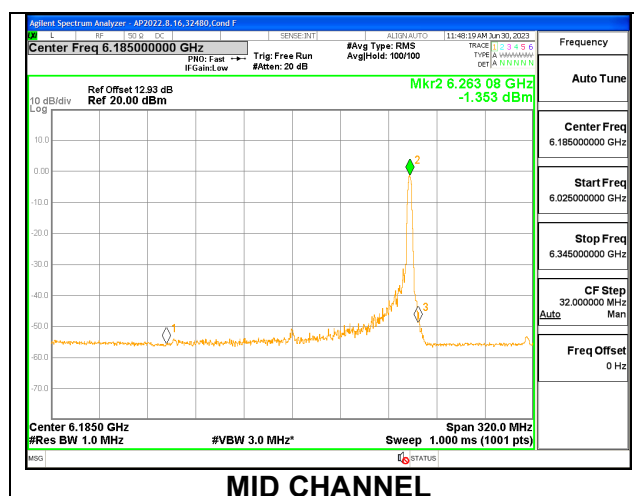
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	2.93	-0.17	24.00	-24.17
Mid	6185	1.46	-0.04	24.00	-24.04
High	6345	2.22	-0.18	24.00	-24.18

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	6025	-0.407	-3.507	-1.00	-2.507
Mid	6185	-1.353	-2.853	-1.00	-1.853
High	6345	-0.795	-3.195	-1.00	-2.195



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

Test Engineer:	2852
Test Date:	3/10/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-3.10	24.00	-1.00
Mid	6185	-1.50	24.00	-1.00
High	6345	-2.40	24.00	-1.00

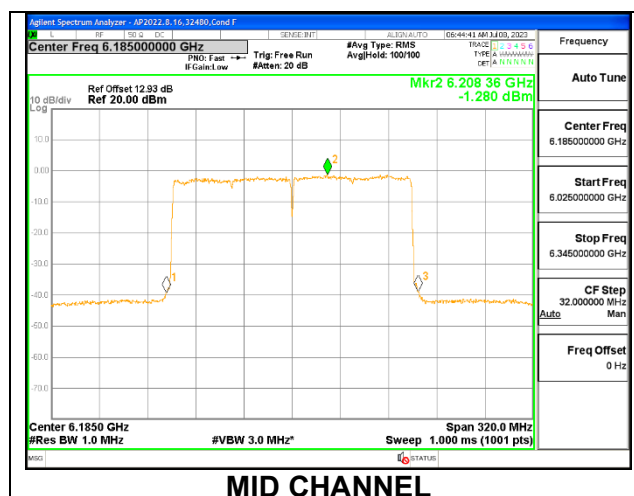
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	19.42	16.32	24.00	-7.68
Mid	6185	18.95	17.45	24.00	-6.55
High	6345	19.44	17.04	24.00	-6.96

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	6025	-1.097	-4.107	-1.00	-3.107
Mid	6185	-1.280	-2.690	-1.00	-1.690
High	6345	-0.924	-3.234	-1.00	-2.234



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

Test Engineer:	28502
Test Date:	3/10/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-4.70	24.00	-1.00
Mid	6185	-4.20	24.00	-1.00
High	6345	-4.40	24.00	-1.00

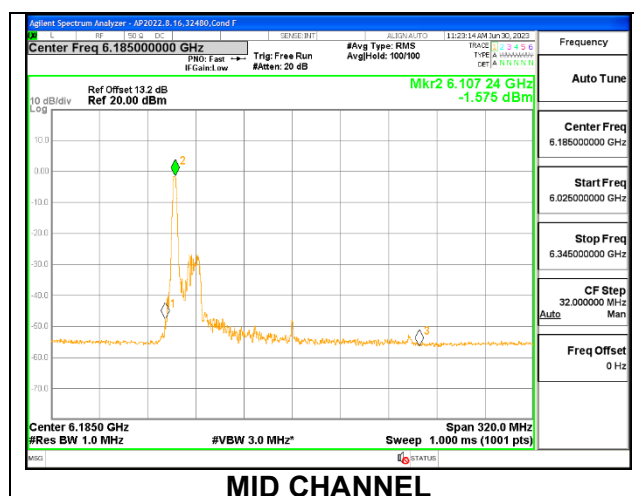
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	2.93	-1.77	24.00	-25.77
Mid	6185	1.45	-2.75	24.00	-26.75
High	6345	2.24	-2.16	24.00	-26.16

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	6025	-0.533	-5.233	-1.00	-4.233
Mid	6185	-1.575	-5.775	-1.00	-4.775
High	6345	-0.804	-5.204	-1.00	-4.204



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

Test Engineer:	28502
Test Date:	3/10/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-4.70	24.00	-1.00
Mid	6185	-4.20	24.00	-1.00
High	6345	-4.40	24.00	-1.00

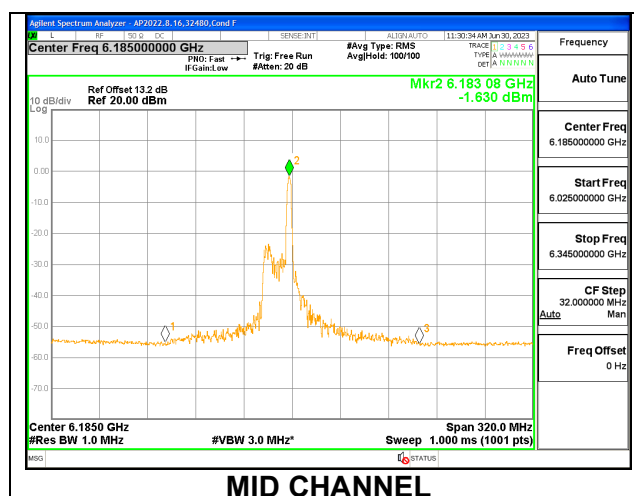
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	2.92	-1.78	24.00	-25.78
Mid	6185	1.46	-2.74	24.00	-26.74
High	6345	2.22	-2.18	24.00	-26.18

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)
Low	6025	-0.723	-5.423	-1.00	-4.423
Mid	6185	-1.630	-5.830	-1.00	-4.830
High	6345	-0.783	-5.183	-1.00	-4.183



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

Test Engineer:	28502
Test Date:	3/10/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-4.70	24.00	-1.00
Mid	6185	-4.20	24.00	-1.00
High	6345	-4.40	24.00	-1.00

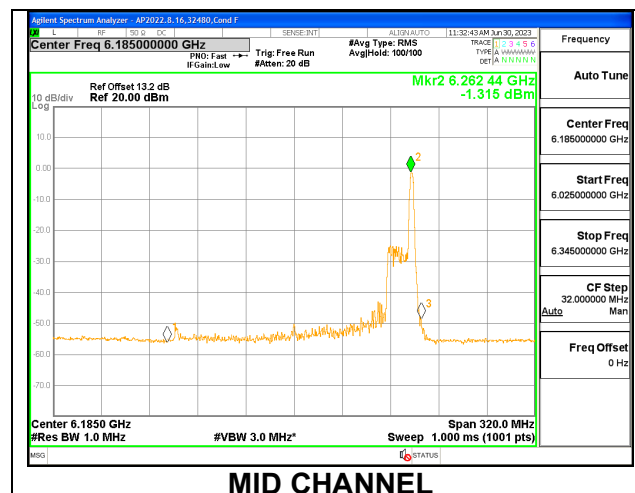
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	2.87	-1.83	24.00	-25.83
Mid	6185	1.44	-2.76	24.00	-26.76
High	6345	2.23	-2.17	24.00	-26.17

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)
Low	6025	-0.500	-5.200	-1.00	-4.200
Mid	6185	-1.315	-5.515	-1.00	-4.515
High	6345	-0.852	-5.252	-1.00	-4.252



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

Test Engineer:	28502
Test Date:	3/10/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6025	-4.70	24.00	-1.00
Mid	6185	-4.20	24.00	-1.00
High	6345	-4.40	24.00	-1.00

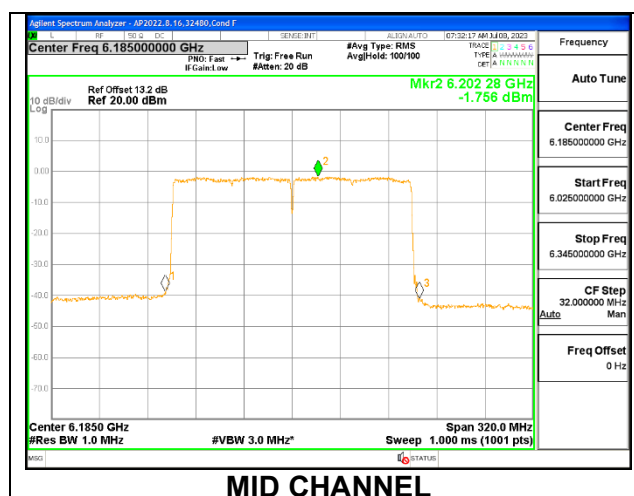
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 5 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6025	19.46	14.76	24.00	-9.24
Mid	6185	18.93	14.73	24.00	-9.27
High	6345	19.44	15.04	24.00	-8.96

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	6025	-1.091	-5.701	-1.00	-4.701
Mid	6185	-1.756	-5.866	-1.00	-4.866
High	6345	-0.804	-5.114	-1.00	-4.114



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

Test Engineer:	28502
Test Date:	3/13/2023

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	6025	-3.83	-0.85	24.00	-1.00
Mid	6185	-2.64	0.26	24.00	-1.00
High	6385	-3.29	-0.33	24.00	-1.00

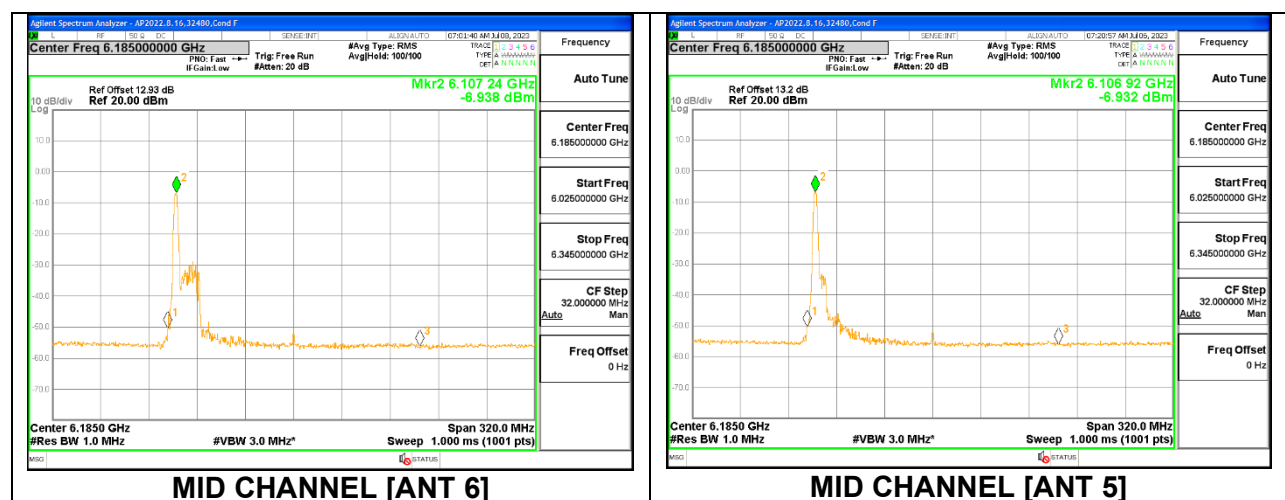
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	-2.54	-2.52	-3.35	24.00	-27.35
Mid	6185	-3.55	-3.54	-3.18	24.00	-27.18
High	6385	-3.06	-3.02	-3.32	24.00	-27.32

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	6025	-5.655	-5.644	-3.492	-1.00	-2.492
Mid	6185	-6.938	-6.932	-3.660	-1.00	-2.660
High	6345	-6.034	-6.284	-3.479	-1.00	-2.479



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

Test Engineer:	28502
Test Date:	3/13/2023

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	6025	-3.83	-0.85	24.00	-1.00
Mid	6185	-2.64	0.26	24.00	-1.00
High	6385	-3.29	-0.33	24.00	-1.00

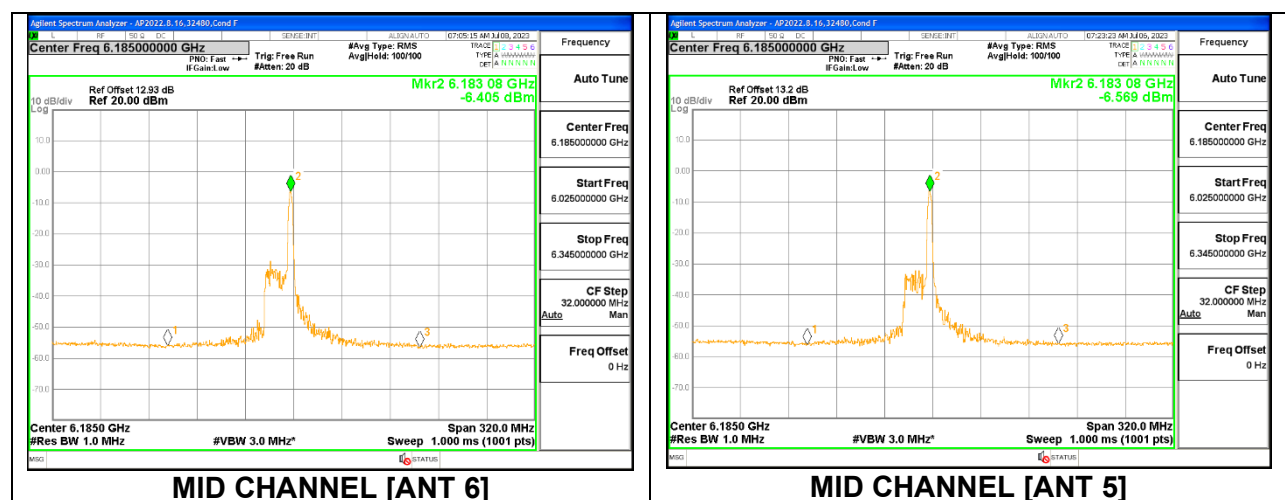
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	-2.54	-2.57	-3.37	24.00	-27.37
Mid	6185	-3.58	-3.57	-3.21	24.00	-27.21
High	6385	-3.09	-3.11	-3.38	24.00	-27.38

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	6025	-5.605	-5.591	-3.441	-1.00	-2.441
Mid	6185	-6.405	-6.569	-3.211	-1.00	-2.211
High	6345	-5.909	-6.110	-3.330	-1.00	-2.330



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

Test Engineer:	28502
Test Date:	3/13/2023

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	6025	-3.83	-0.85	24.00	-1.00
Mid	6185	-2.64	0.26	24.00	-1.00
High	6385	-3.29	-0.33	24.00	-1.00

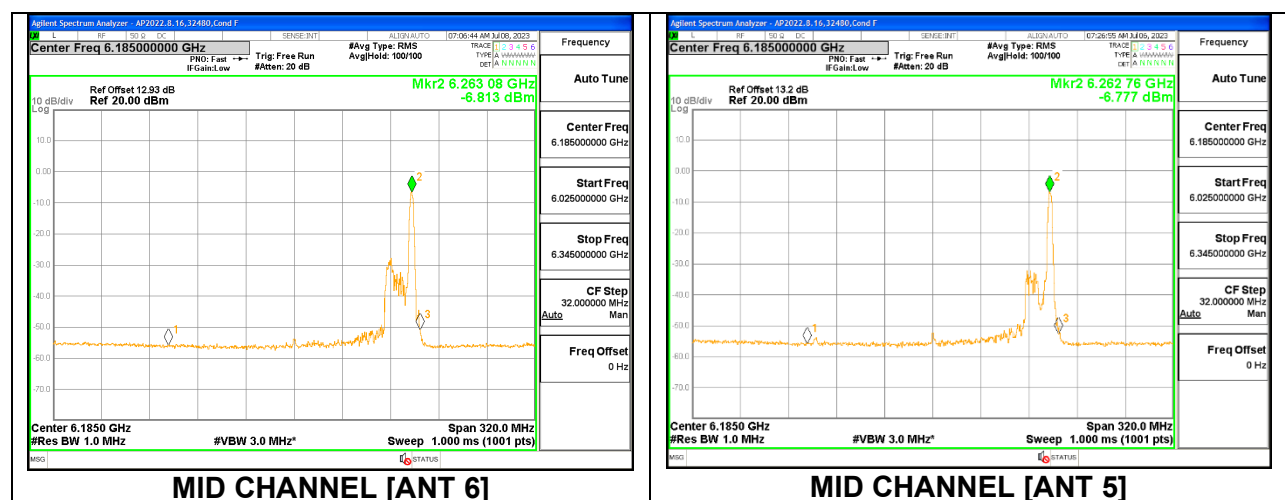
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	-2.53	-2.57	-3.37	24.00	-27.37
Mid	6185	-3.52	-3.57	-3.18	24.00	-27.18
High	6385	-3.21	-3.12	-3.44	24.00	-27.44

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)
Low	6025	-5.790	-5.820	-3.648	-1.00	-2.648
Mid	6185	-6.813	-6.777	-3.520	-1.00	-2.520
High	6345	-6.235	-6.207	-3.543	-1.00	-2.543



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

Test Engineer:	28502
Test Date:	3/13/2023

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	6025	-3.83	-0.85	24.00	-1.00
Mid	6185	-2.64	0.26	24.00	-1.00
High	6385	-3.29	-0.33	24.00	-1.00

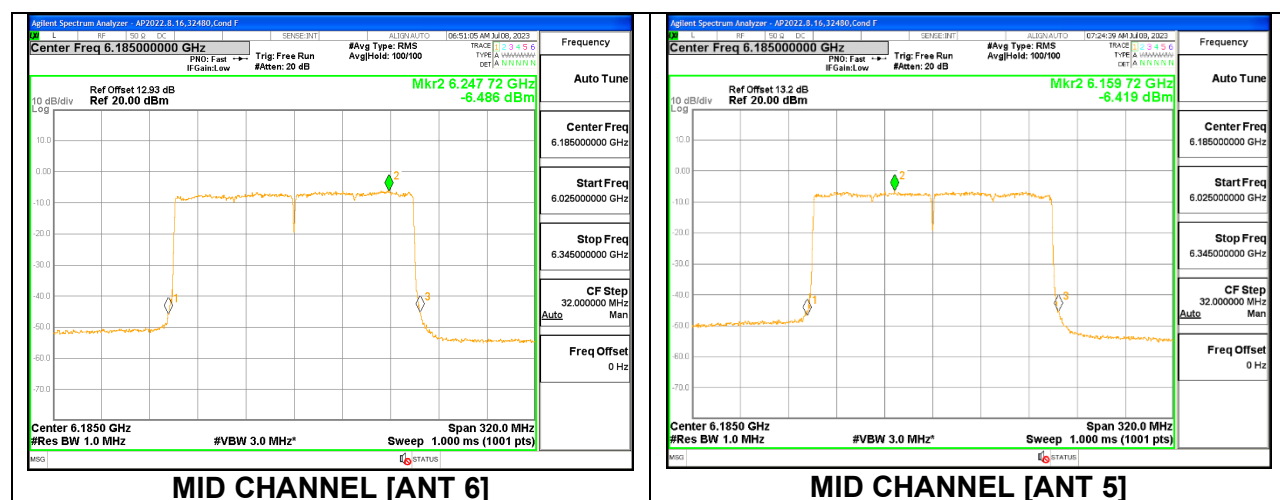
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	15.23	15.25	14.42	24.00	-9.58
Mid	6185	13.94	13.98	14.33	24.00	-9.67
High	6385	14.74	14.75	14.47	24.00	-9.53

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	6025	-5.262	-5.083	-2.924	-1.00	-1.924
Mid	6185	-6.486	-6.419	-3.087	-1.00	-2.087
High	6345	-5.687	-5.637	-2.894	-1.00	-1.894



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

Test Engineer:	28502
Test Date:	6/21/2023

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	6025	-3.83	-3.83	24.00	-1.00
Mid	6185	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

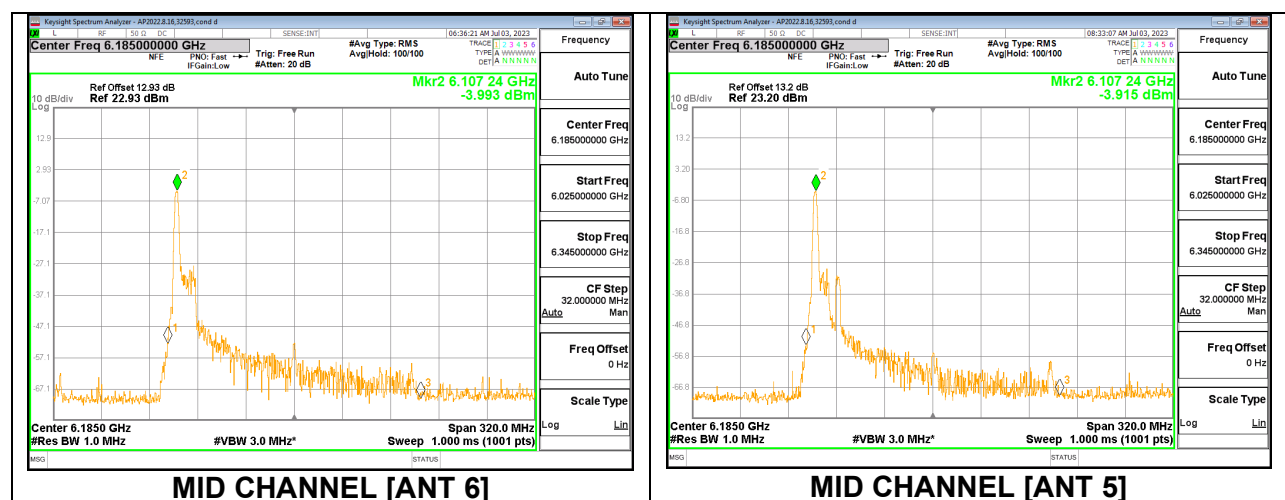
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	0.75	0.72	-0.08	24.00	-24.08
Mid	6185	-0.58	-0.56	-0.20	24.00	-24.20
High	6385	0.25	0.19	-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	6025	-1.480	-1.463	-2.288	-1.00	-1.288
Mid	6185	-3.993	-3.915	-3.587	-1.00	-2.587
High	6345	-2.518	-2.547	-2.808	-1.00	-1.808



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

Test Engineer:	28502
Test Date:	6/21/2023

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	6025	-3.83	-3.83	24.00	-1.00
Mid	6185	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

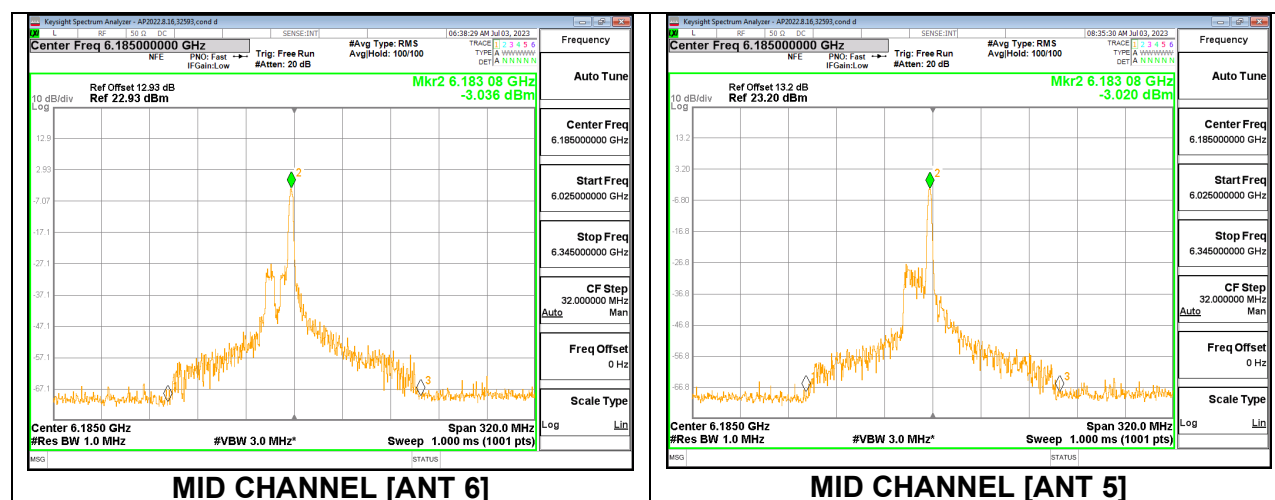
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	0.74	0.75	-0.07	24.00	-24.07
Mid	6185	-0.52	-0.54	-0.16	24.00	-24.16
High	6385	0.21	0.20	-0.07	24.00	-24.07

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	6025	-1.163	-1.239	-2.017	-1.00	-1.017
Mid	6185	-3.036	-3.020	-2.661	-1.00	-1.661
High	6345	-2.794	-2.962	-3.153	-1.00	-2.153



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

Test Engineer:	28502
Test Date:	6/21/2023

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	6025	-3.83	-3.83	24.00	-1.00
Mid	6185	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

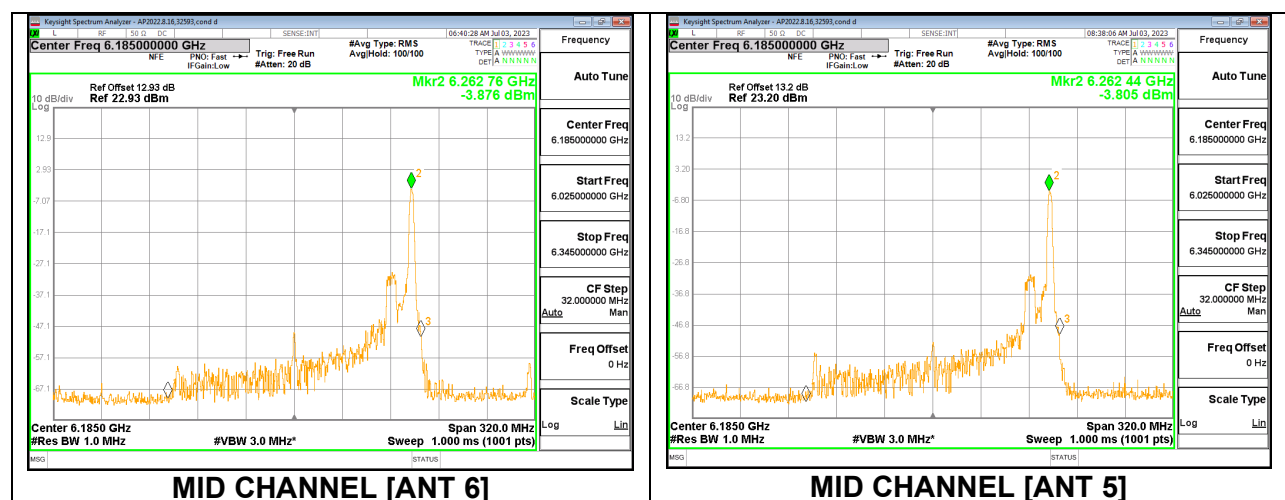
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	0.73	0.75	-0.08	24.00	-24.08
Mid	6185	-0.55	-0.62	-0.22	24.00	-24.22
High	6385	0.25	0.25	-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	6025	-1.344	-1.427	-2.202	-1.00	-1.202
Mid	6185	-3.876	-3.805	-3.474	-1.00	-2.474
High	6345	-2.603	-2.589	-2.872	-1.00	-1.872



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

Test Engineer:	28161
Test Date:	6/20/2023

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	6025	-3.83	-3.83	24.00	-1.00
Mid	6185	-2.64	-2.64	24.00	-1.00
High	6385	-3.29	-3.29	24.00	-1.00

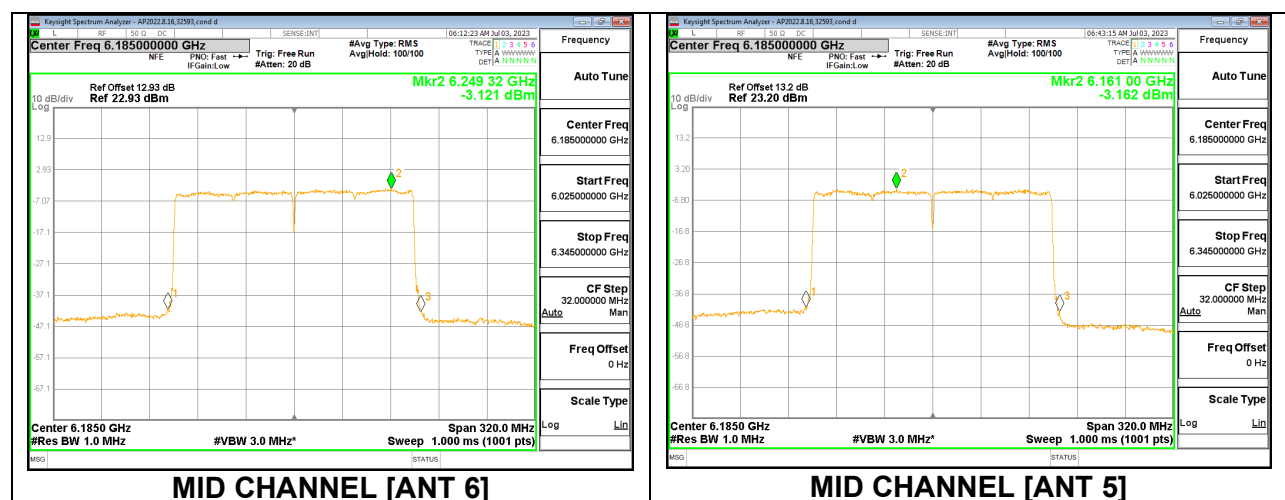
Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd PSD
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Output Power Results

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	6025	18.25	18.22	17.42	24.00	-6.58
Mid	6185	16.86	16.94	17.27	24.00	-6.73
High	6385	17.75	17.75	17.47	24.00	-6.53

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	6025	-1.850	-1.871	-2.497	-1.00	-1.497
Mid	6185	-3.121	-3.162	-2.595	-1.00	-1.595
High	6345	-2.163	-2.276	-2.315	-1.00	-1.315



9.3.5. 802.11ax HE20 MODE IN THE UNII-6 BAND

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

Test Engineer:	32181
Test Date:	3/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6435	-1.80	24.00	-1.00
Mid	6475	-1.80	24.00	-1.00
High	6515	-1.80	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 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	1.77	-0.03	24.00	-24.03
Mid	6475	1.70	-0.10	24.00	-24.10
High	6515	1.75	-0.05	24.00	-24.05

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	6435	-0.712	-2.512	-1.00	-1.512
Mid	6475	-0.509	-2.309	-1.00	-1.309
High	6515	-0.572	-2.372	-1.00	-1.372



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

Test Engineer:	32181
Test Date:	3/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6435	-1.80	24.00	-1.00
Mid	6475	-1.80	24.00	-1.00
High	6515	-1.80	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 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	1.72	-0.08	24.00	-24.08
Mid	6475	1.76	-0.04	24.00	-24.04
High	6515	1.73	-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	6435	-1.617	-3.417	-1.00	-2.417
Mid	6475	-1.601	-3.401	-1.00	-2.401
High	6515	-1.755	-3.555	-1.00	-2.555



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

Test Engineer:	32181
Test Date:	3/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6435	-1.80	24.00	-1.00
Mid	6475	-1.80	24.00	-1.00
High	6515	-1.80	24.00	-1.00

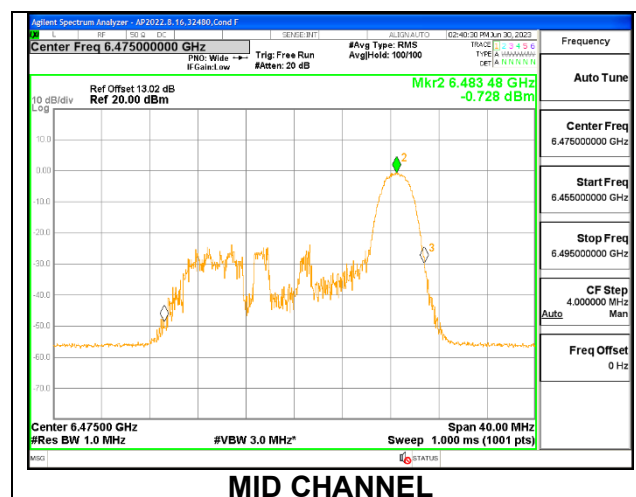
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	1.76	-0.04	24.00	-24.04
Mid	6475	1.74	-0.06	24.00	-24.06
High	6515	1.70	-0.10	24.00	-24.10

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	6435	-0.653	-2.453	-1.00	-1.453
Mid	6475	-0.728	-2.528	-1.00	-1.528
High	6515	-0.663	-2.463	-1.00	-1.463



1TX Antenna 6 MODE (FCC+IC) – SU Mode

Test Engineer:	32181
Test Date:	3/23/2023

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	EIRP Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	6435	-1.80	24.00	-1.00
Mid	6475	-1.80	24.00	-1.00
High	6515	-1.80	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 6 Meas Power (dBm)	Total EIRP Corr'd Power (dBm)	EIRP Power Limit (dBm)	Power Margin (dB)
Low	6435	10.72	8.92	24.00	-15.08
Mid	6475	10.73	8.93	24.00	-15.07
High	6515	10.76	8.96	24.00	-15.04

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	6435	-0.964	-2.764	-1.00	-1.764
Mid	6475	-0.844	-2.644	-1.00	-1.644
High	6515	-0.738	-2.538	-1.00	-1.538

