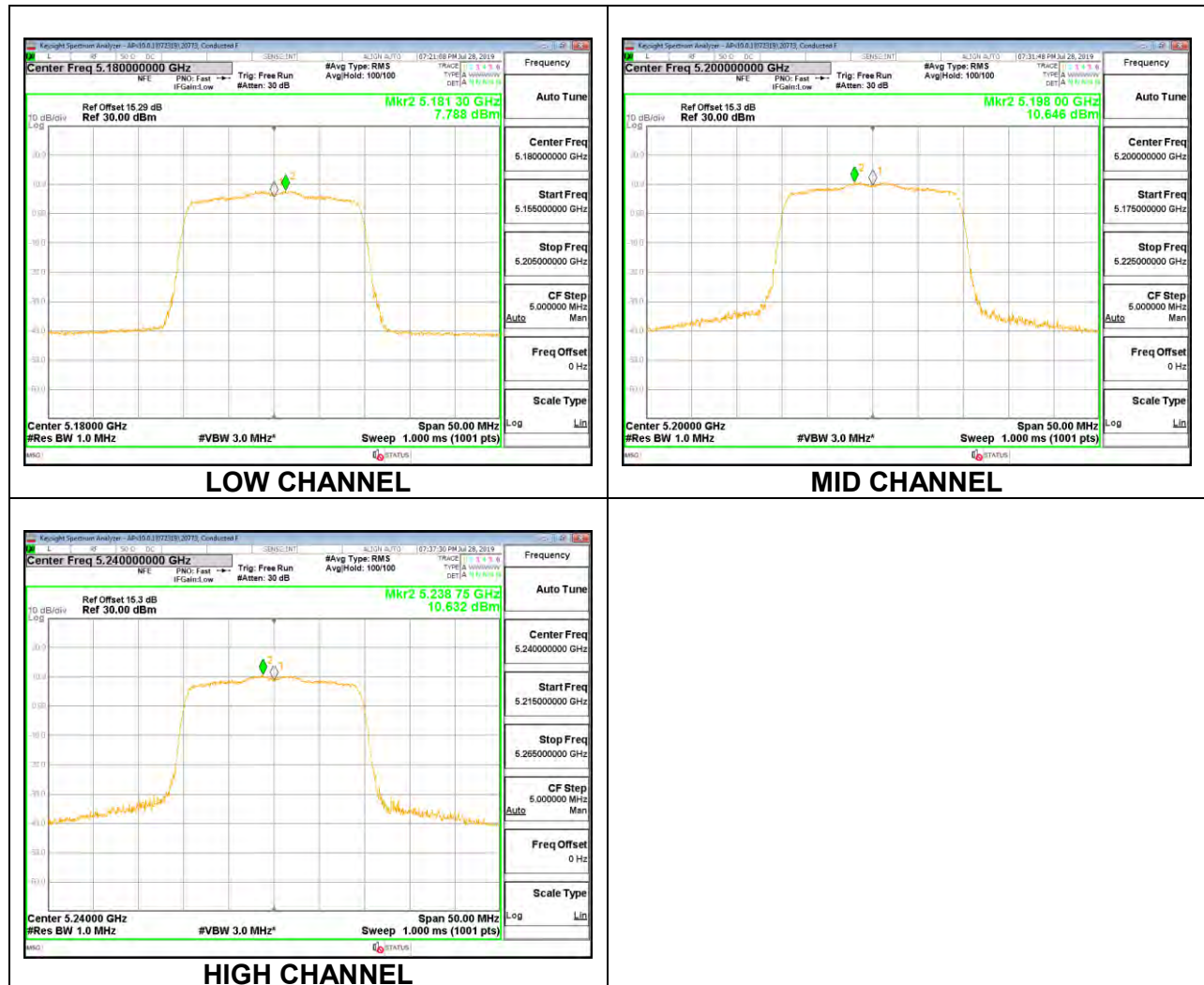




1TX Antenna 5 MODE – 26-Tones, RU Index 0 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.80	24.00	11.00
Mid	5200	-5.80	24.00	11.00
High	5240	-5.80	24.00	11.00

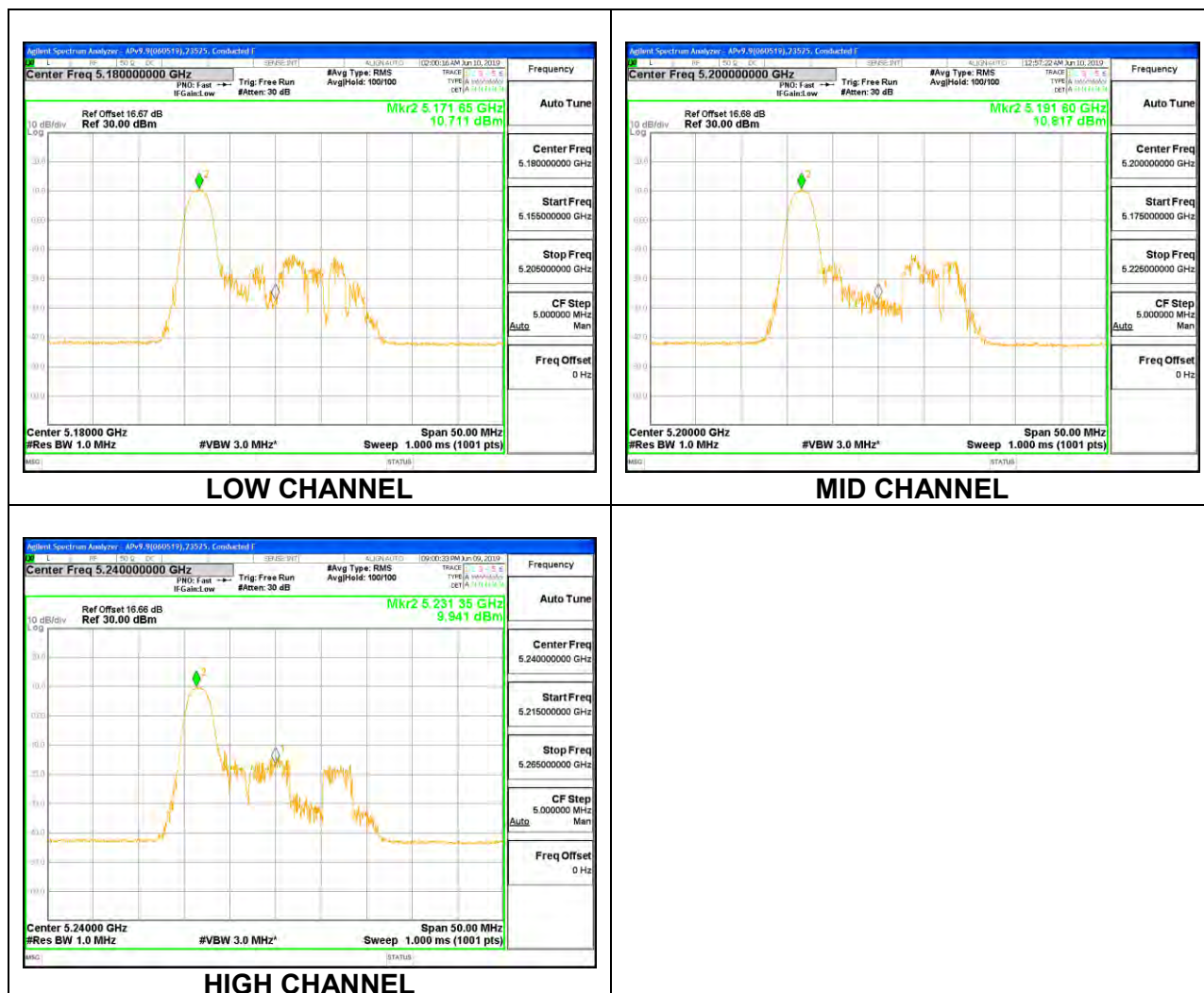
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.72	11.72	24.00	-12.28
Mid	5200	11.80	11.80	24.00	-12.20
High	5240	11.76	11.76	24.00	-12.24

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	10.71	10.71	11.00	-0.29
Mid	5200	10.82	10.82	11.00	-0.18
High	5240	9.94	9.94	11.00	-1.06



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.80	24.00	11.00
Mid	5200	-5.80	24.00	11.00
High	5240	-5.80	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.91	11.91	24.00	-12.09
Mid	5200	11.80	11.80	24.00	-12.20
High	5240	11.87	11.87	24.00	-12.13

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.81	9.81	11.00	-1.19
Mid	5200	9.43	9.43	11.00	-1.58
High	5240	8.90	8.90	11.00	-2.11



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.80	24.00	11.00
Mid	5200	-5.80	24.00	11.00
High	5240	-5.80	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.87	11.87	24.00	-12.13
Mid	5200	11.89	11.89	24.00	-12.11
High	5240	11.90	11.90	24.00	-12.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	10.83	10.83	11.00	-0.17
Mid	5200	10.59	10.59	11.00	-0.41
High	5240	9.84	9.84	11.00	-1.16



2TX Antenna 6 + Antenna 5 OFDMA MODE – 242-Tones, RU Index 61 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.99	-0.25	24.00	11.00
Mid	5200	-2.99	-0.25	24.00	11.00
High	5240	-2.99	-0.25	24.00	11.00

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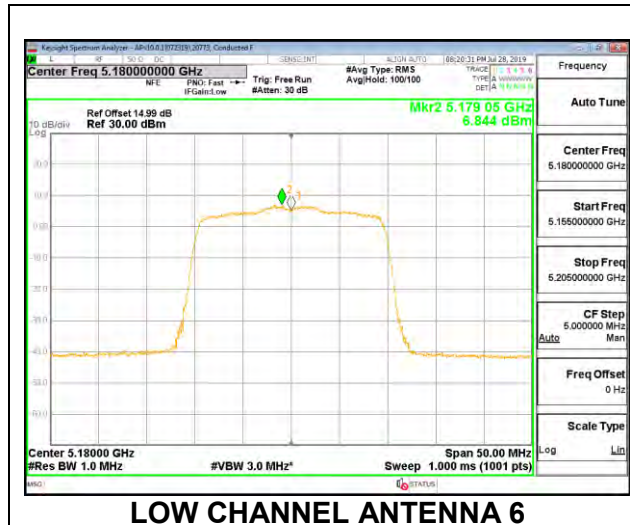
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	16.79	16.89	19.85	24.00	-4.15
Mid	5200	17.90	17.94	20.93	24.00	-3.07
High	5240	17.91	17.97	20.95	24.00	-3.05

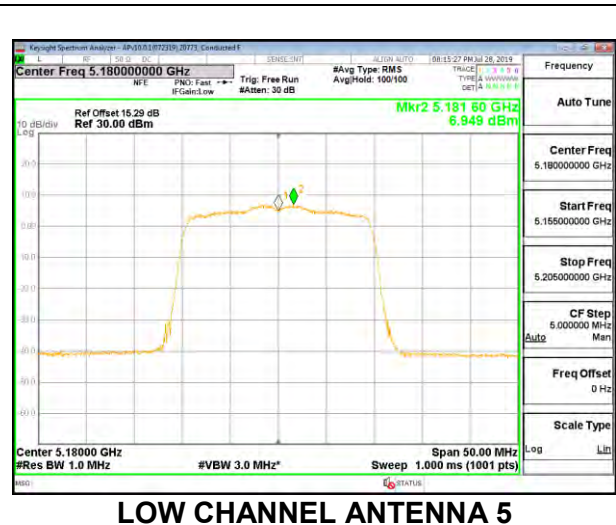
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.84	6.95	9.91	11.00	-1.09
Mid	5200	7.59	7.75	10.68	11.00	-0.32
High	5240	7.68	7.69	10.69	11.00	-0.31

LOW CHANNEL

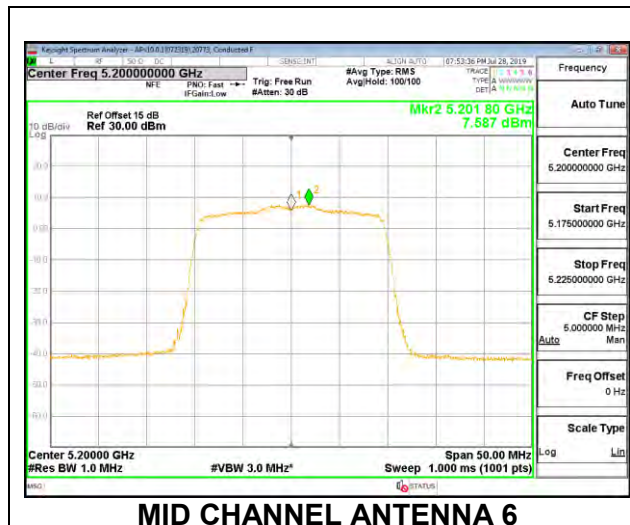


LOW CHANNEL ANTENNA 6

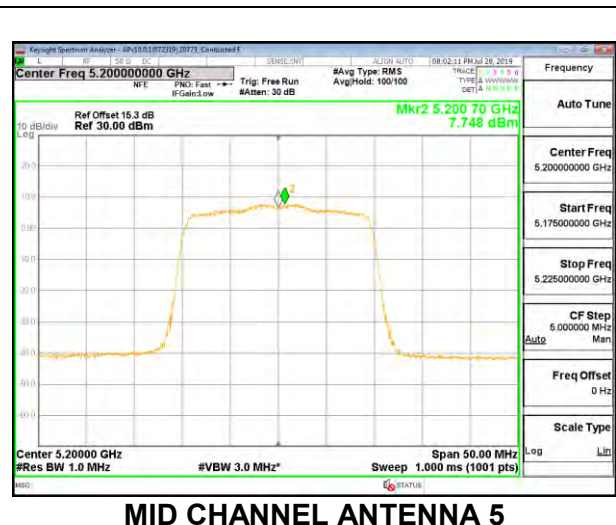


LOW CHANNEL ANTENNA 5

MID CHANNEL

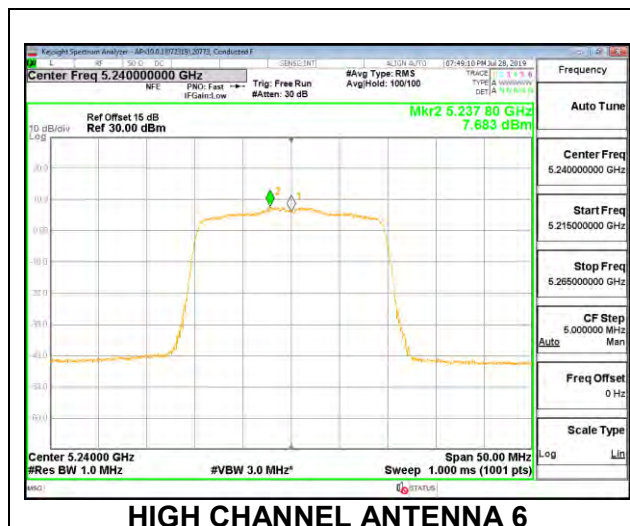


MID CHANNEL ANTENNA 6

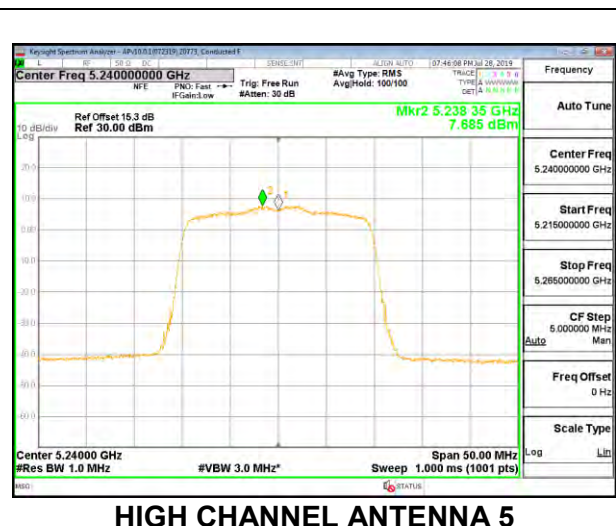


MID CHANNEL ANTENNA 5

HIGH CHANNEL



HIGH CHANNEL ANTENNA 6



HIGH CHANNEL ANTENNA 5

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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.99	-0.25	24.00	11.00
Mid	5200	-2.99	-0.25	24.00	11.00
High	5240	-2.99	-0.25	24.00	11.00

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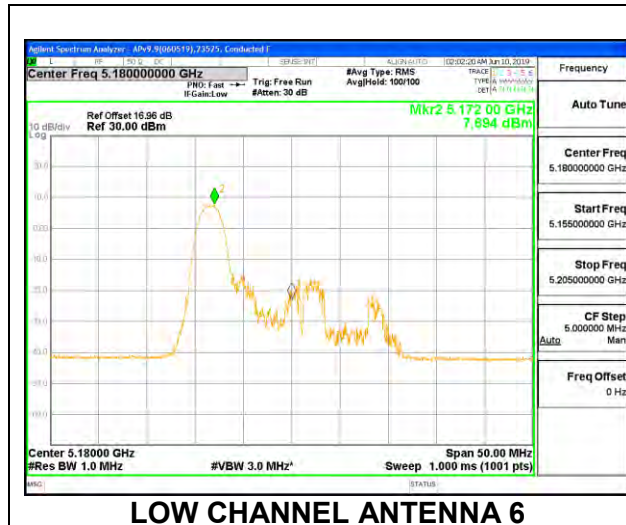
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.72	8.90	11.82	24.00	-12.18
Mid	5200	8.80	8.86	11.84	24.00	-12.16
High	5240	8.77	8.94	11.87	24.00	-12.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.69	7.43	10.58	11.00	-0.42
Mid	5200	7.35	7.31	10.34	11.00	-0.66
High	5240	7.53	7.24	10.40	11.00	-0.60

LOW CHANNEL

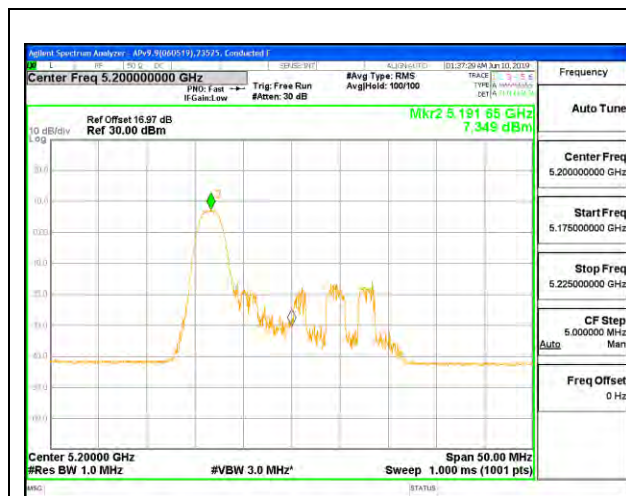


LOW CHANNEL ANTENNA 6



LOW CHANNEL ANTENNA 5

MID CHANNEL

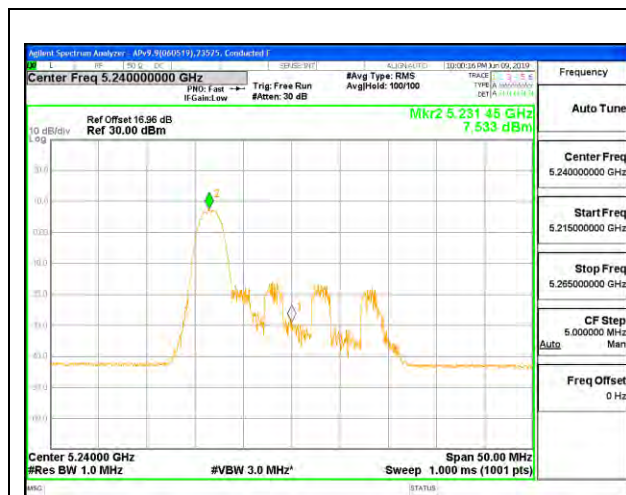


MID CHANNEL ANTENNA 6



MID CHANNEL ANTENNA 5

HIGH CHANNEL



HIGH CHANNEL ANTENNA 6



HIGH CHANNEL ANTENNA 5

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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.99	-0.25	24.00	11.00
Mid	5200	-2.99	-0.25	24.00	11.00
High	5240	-2.99	-0.25	24.00	11.00

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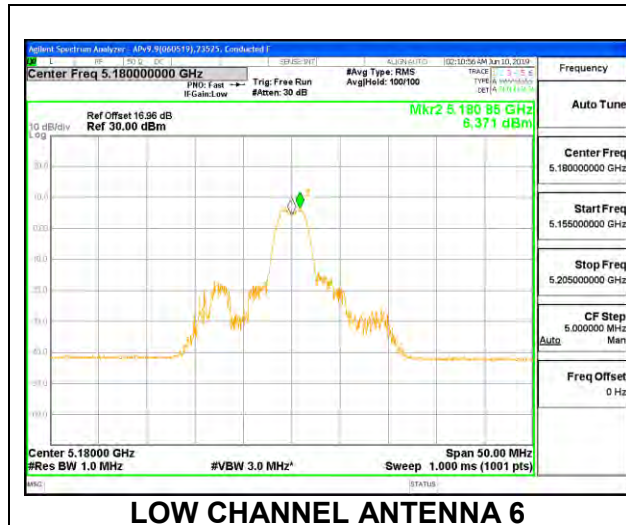
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.74	8.84	11.80	24.00	-12.20
Mid	5200	8.79	8.89	11.85	24.00	-12.15
High	5240	8.83	8.92	11.89	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	6.37	6.42	9.41	11.00	-1.59
Mid	5200	6.32	6.42	9.38	11.00	-1.62
High	5240	6.51	6.30	9.42	11.00	-1.58

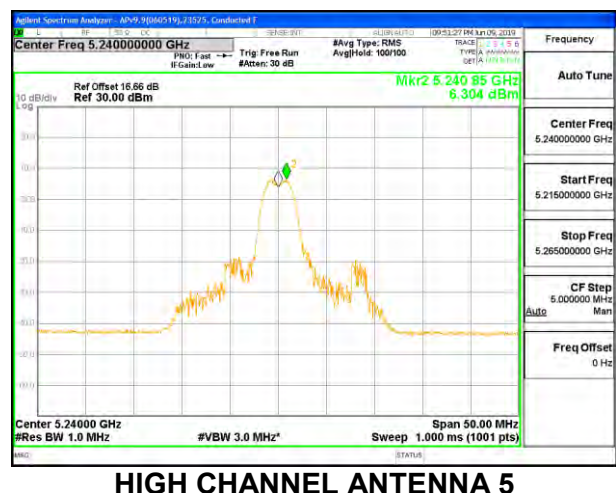
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-2.99	-0.25	24.00	11.00
Mid	5200	-2.99	-0.25	24.00	11.00
High	5240	-2.99	-0.25	24.00	11.00

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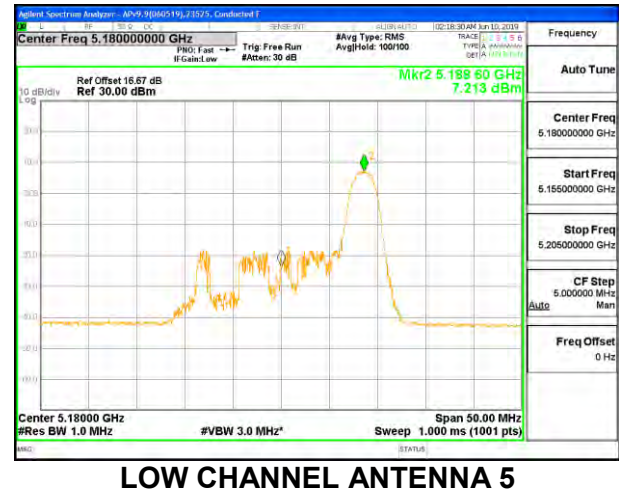
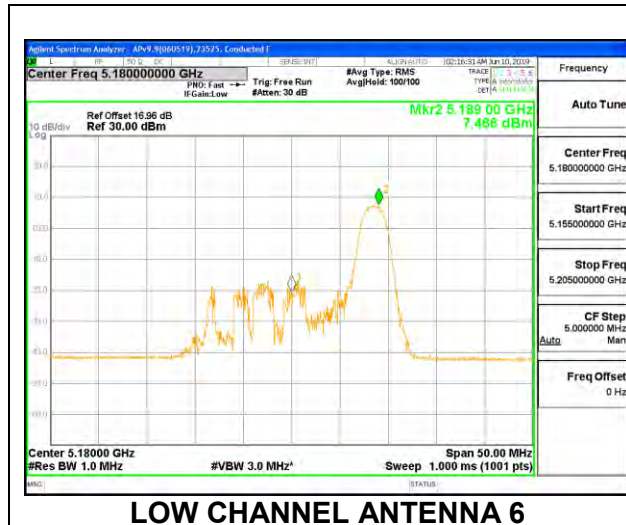
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.80	8.90	11.86	24.00	-12.14
Mid	5200	8.89	8.94	11.93	24.00	-12.07
High	5240	8.77	8.82	11.81	24.00	-12.19

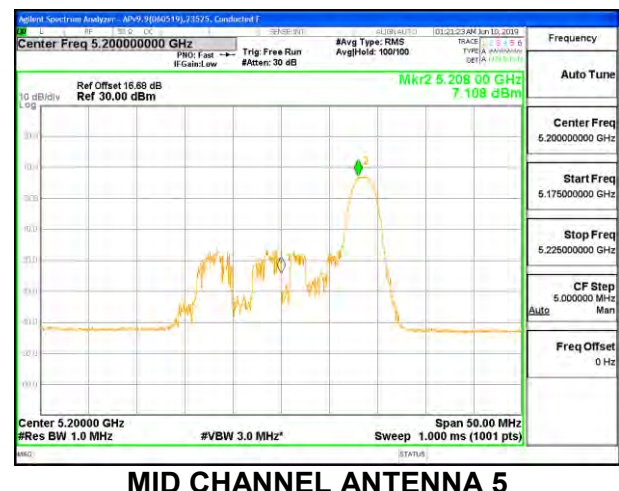
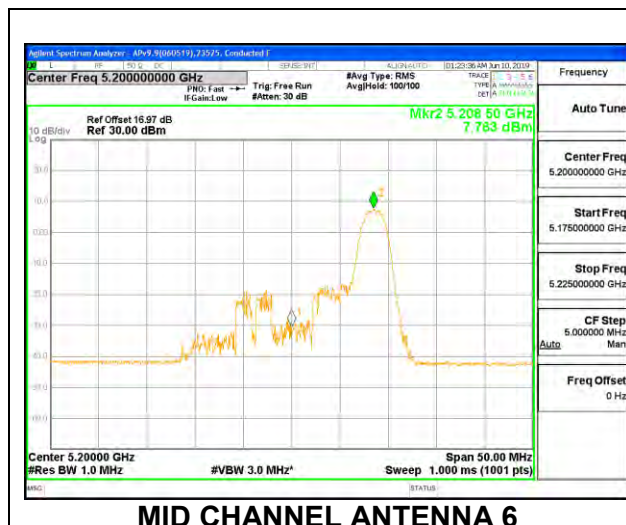
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.47	7.21	10.35	11.00	-0.65
Mid	5200	7.76	7.11	10.46	11.00	-0.54
High	5240	7.08	7.08	10.09	11.00	-0.91

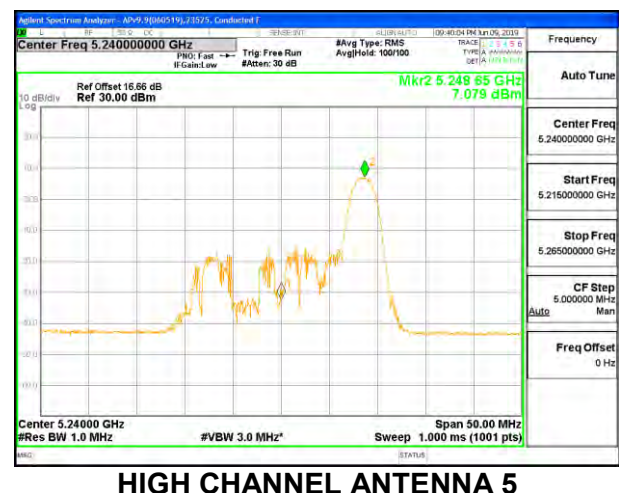
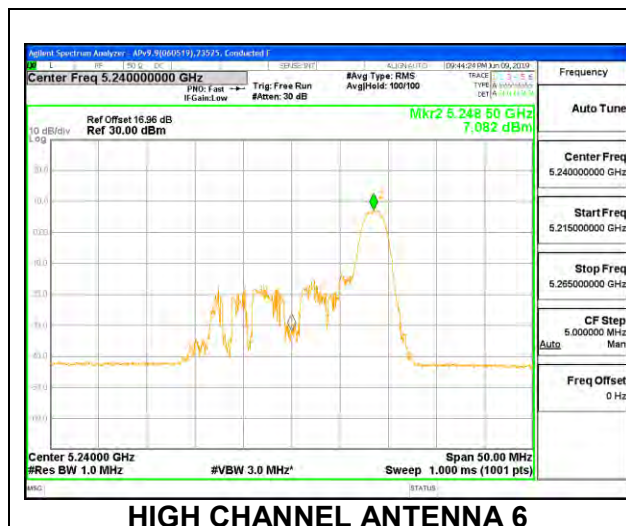
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



8.5.5. 802.11ax HE40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE – 484-Tones, RU Index 65 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.30	24.00	11.00
High	5230	-1.30	24.00	11.00

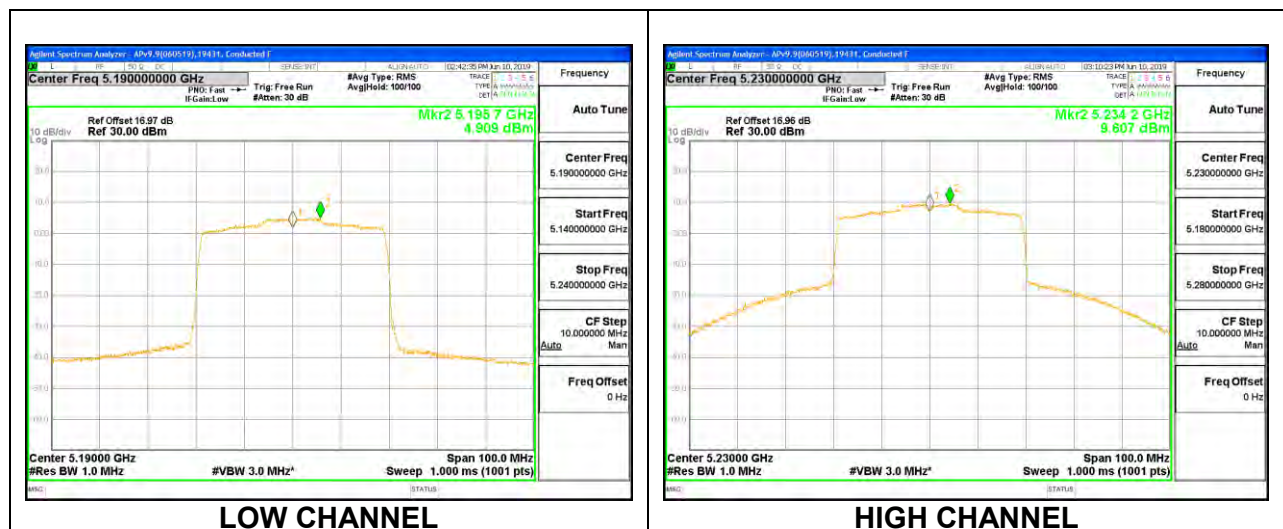
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.90	15.90	24.00	-8.10
High	5230	21.42	21.42	24.00	-2.58

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.91	4.91	11.00	-6.09
High	5230	9.61	9.61	11.00	-1.39



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.30	24.00	11.00
High	5230	-1.30	24.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.98	11.98	24.00	-12.02
High	5230	11.91	11.91	24.00	-12.09

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	10.89	10.89	11.00	-0.11
High	5230	10.28	10.28	11.00	-0.72



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.30	24.00	11.00
High	5230	-1.30	24.00	11.00

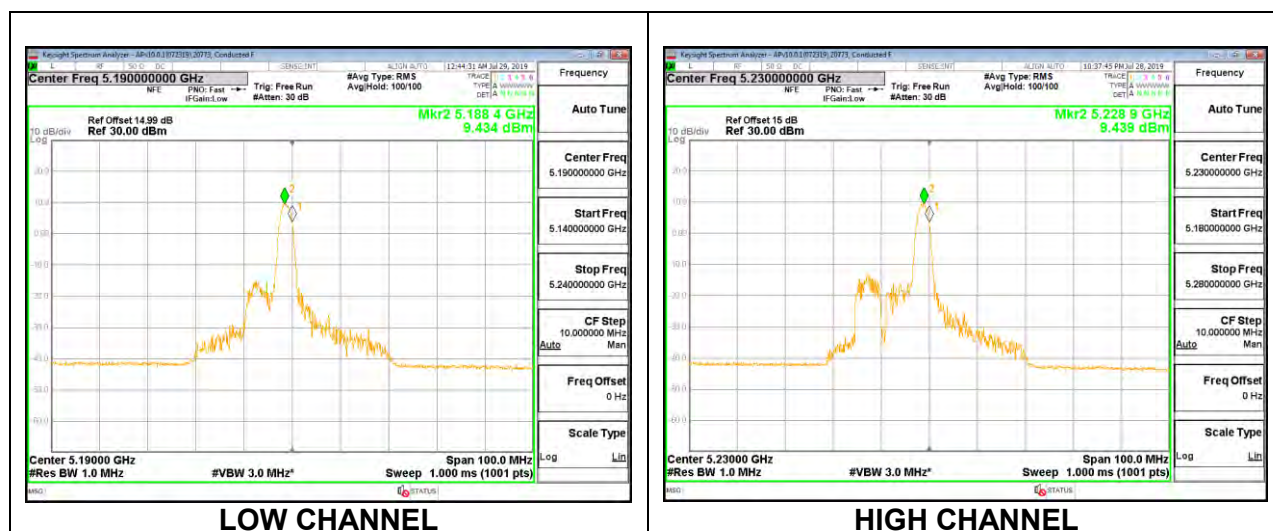
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.91	11.91	24.00	-12.09
High	5230	11.94	11.94	24.00	-12.06

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	9.43	9.43	11.00	-1.57
High	5230	9.44	9.44	11.00	-1.56



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-1.30	24.00	11.00
High	5230	-1.30	24.00	11.00

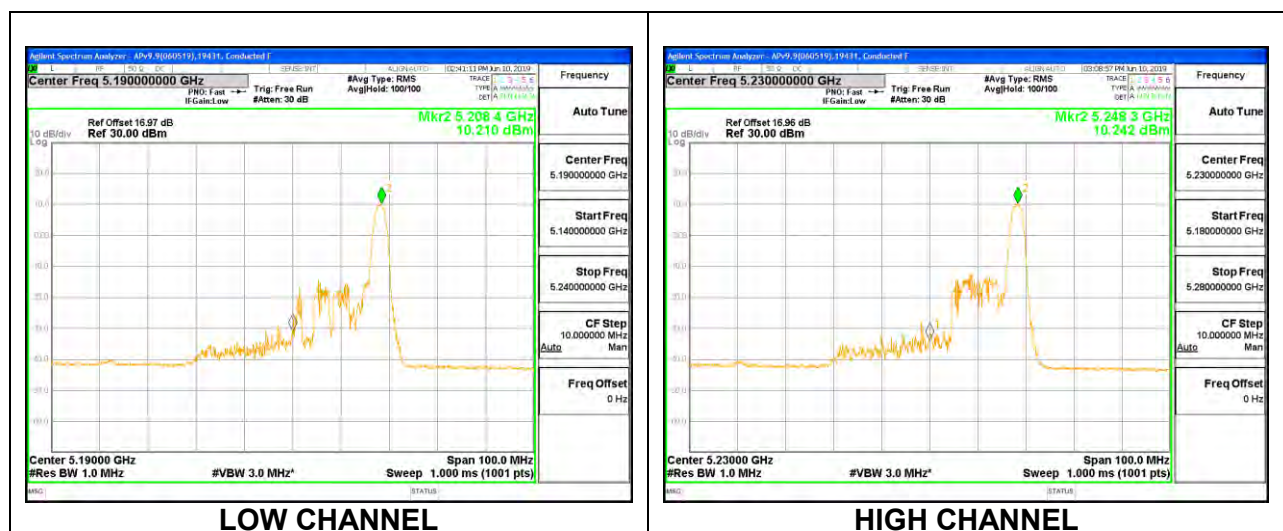
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.94	11.94	24.00	-12.06
High	5230	11.90	11.90	24.00	-12.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	10.21	10.21	11.00	-0.79
High	5230	10.24	10.24	11.00	-0.76



1TX Antenna 5 MODE – 484-Tones, RU Index 65 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.80	24.00	11.00
High	5230	-5.80	24.00	11.00

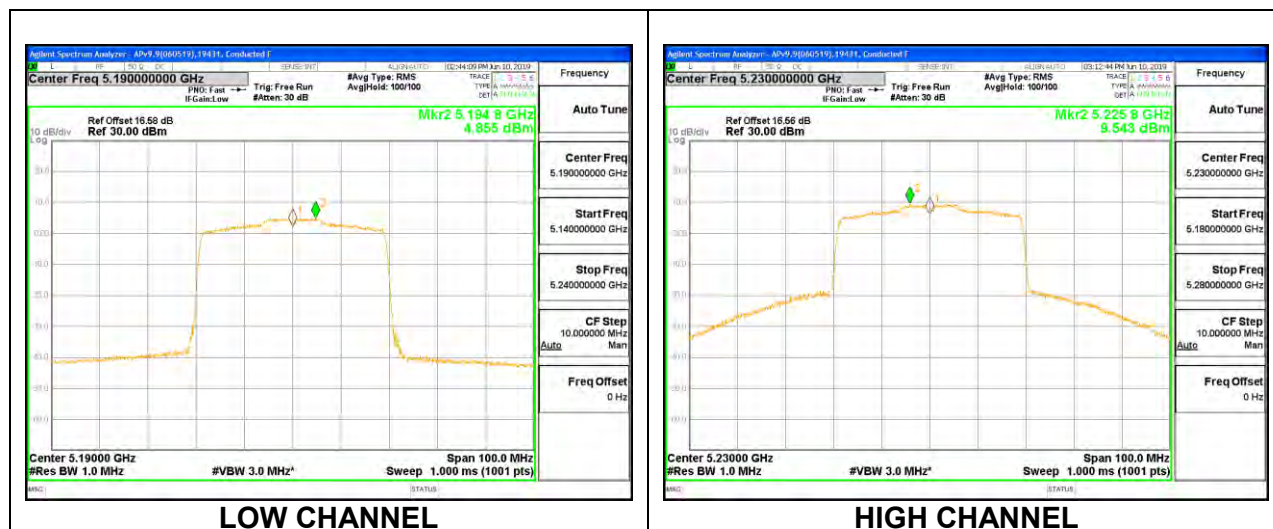
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.89	15.89	24.00	-8.11
High	5230	21.40	21.40	24.00	-2.60

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.86	4.86	11.00	-6.15
High	5230	9.54	9.54	11.00	-1.46



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.80	24.00	11.00
High	5230	-5.80	24.00	11.00

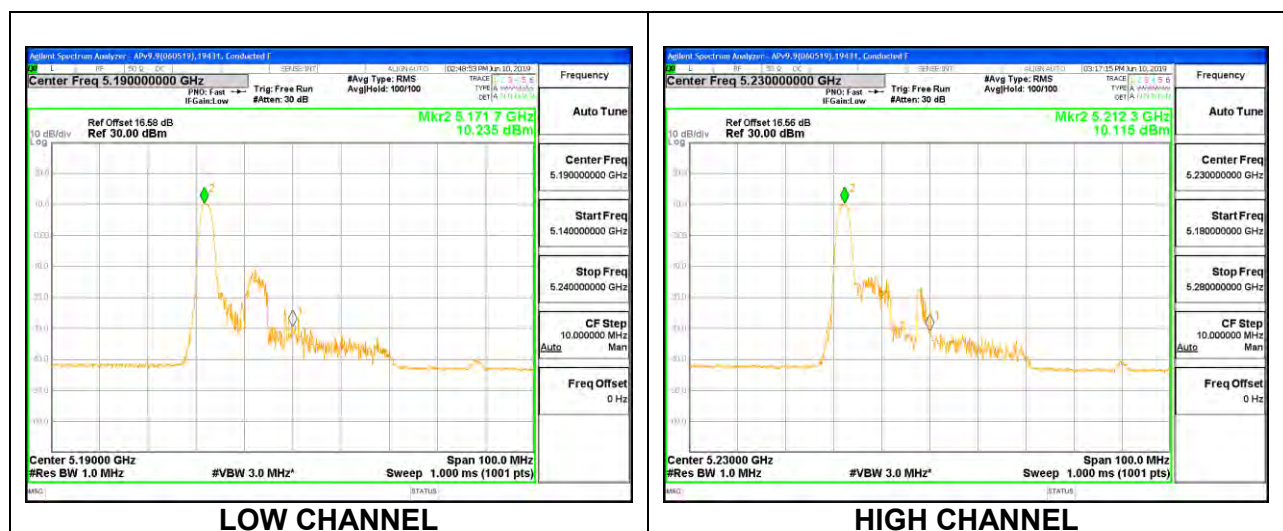
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.87	11.87	24.00	-12.13
High	5230	11.89	11.89	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	10.24	10.24	11.00	-0.77
High	5230	10.12	10.12	11.00	-0.89



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.80	24.00	11.00
High	5230	-5.80	24.00	11.00

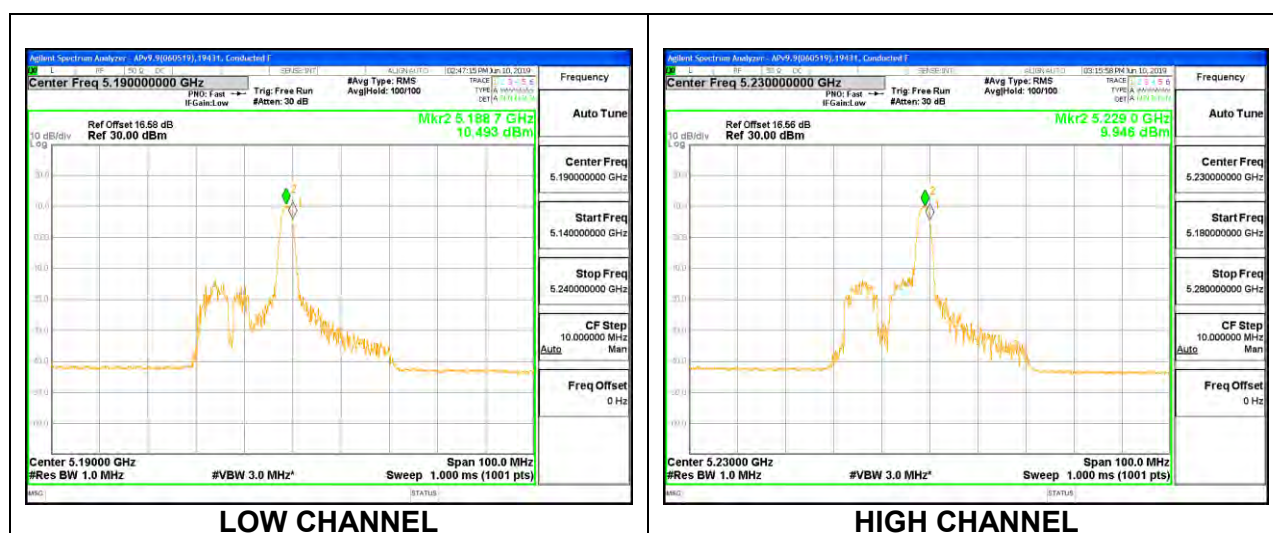
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.97	11.97	24.00	-12.03
High	5230	11.89	11.89	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	10.49	10.49	11.00	-0.51
High	5230	9.95	9.95	11.00	-1.05



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.80	24.00	11.00
High	5230	-5.80	24.00	11.00

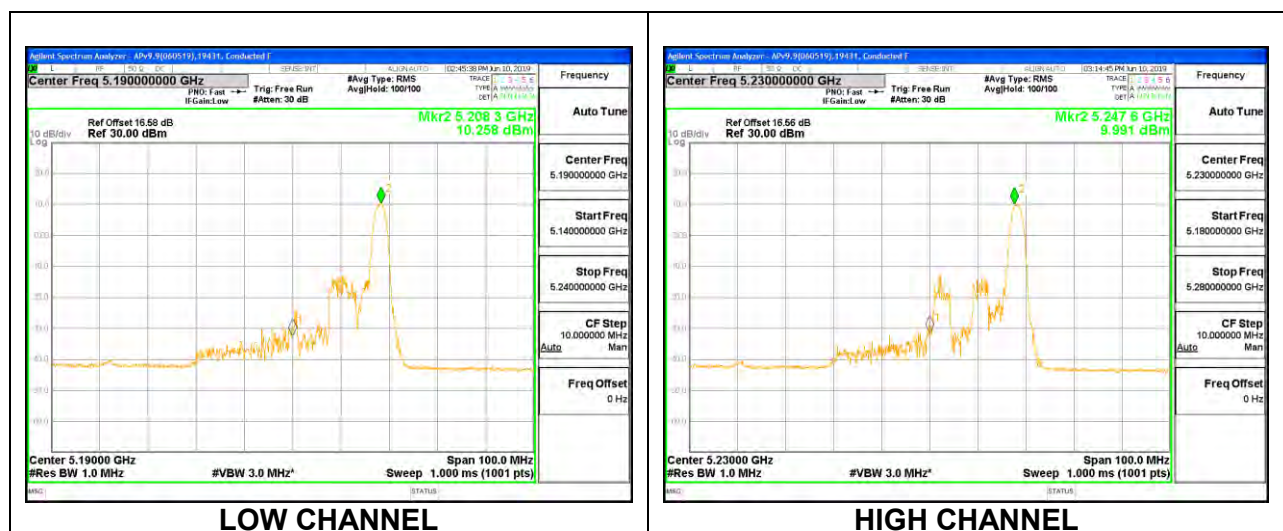
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.87	11.87	24.00	-12.13
High	5230	11.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	10.26	10.26	11.00	-0.74
High	5230	9.99	9.99	11.00	-1.01



2TX Antenna 6 + Antenna 5 OFDMA MODE – 484-Tones, RU Index 65 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.99	-0.25	24.00	11.00
High	5230	-2.99	-0.25	24.00	11.00

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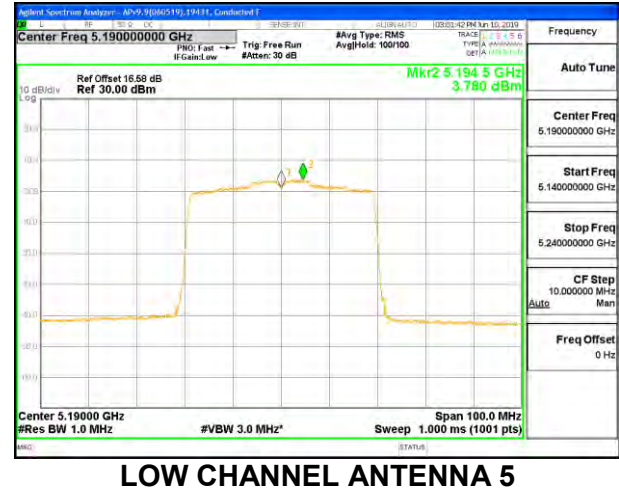
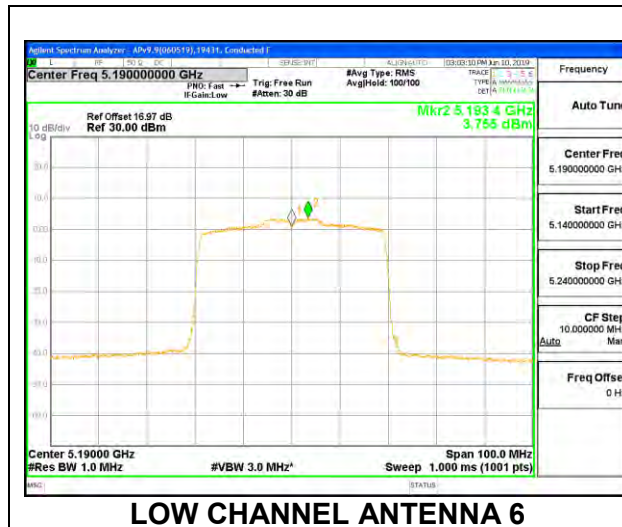
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.23	15.40	18.33	24.00	-5.67
High	5230	19.91	19.89	22.91	24.00	-1.09

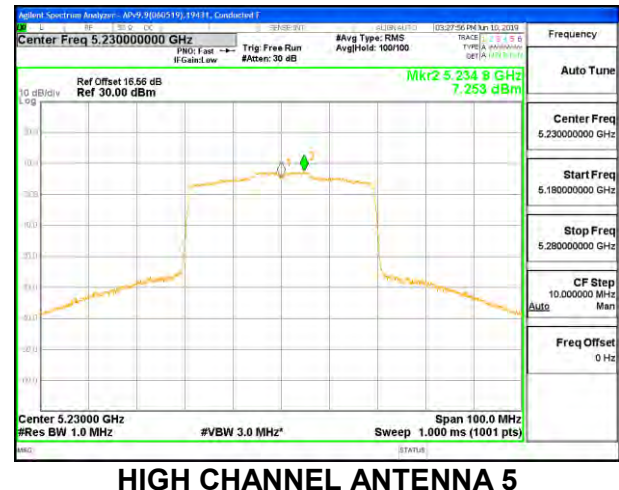
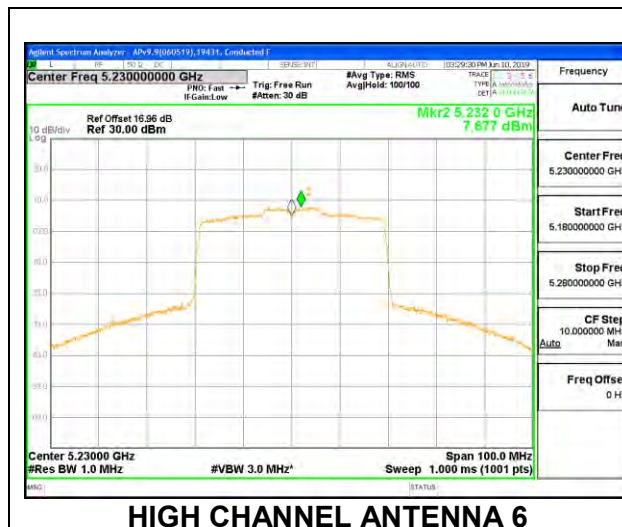
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	3.76	3.78	6.78	11.00	-4.22
High	5230	7.68	7.25	10.48	11.00	-0.52

LOW CHANNEL



HIGH CHANNEL



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.99	-0.25	24.00	11.00
High	5230	-2.99	-0.25	24.00	11.00

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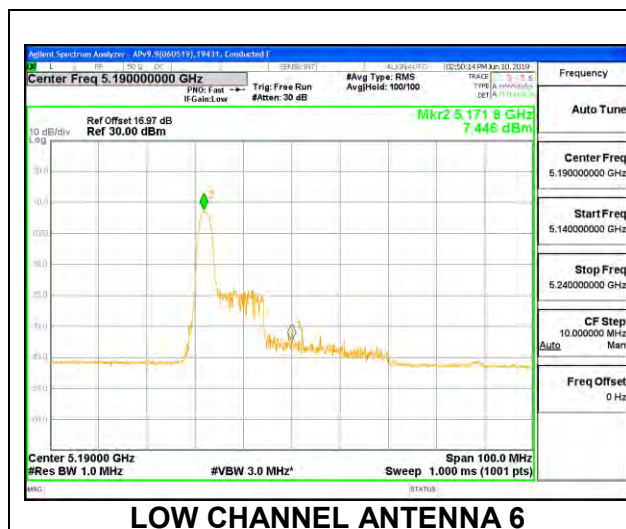
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.88	8.92	11.91	24.00	-12.09
High	5230	8.79	8.82	11.82	24.00	-12.18

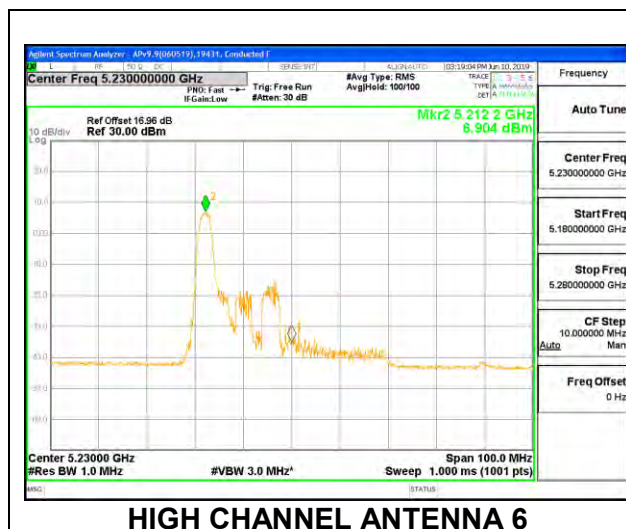
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.45	7.24	10.35	11.00	-0.65
High	5230	6.90	7.30	10.12	11.00	-0.88

LOW CHANNEL



HIGH CHANNEL



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.99	-0.25	24.00	11.00
High	5230	-2.99	-0.25	24.00	11.00

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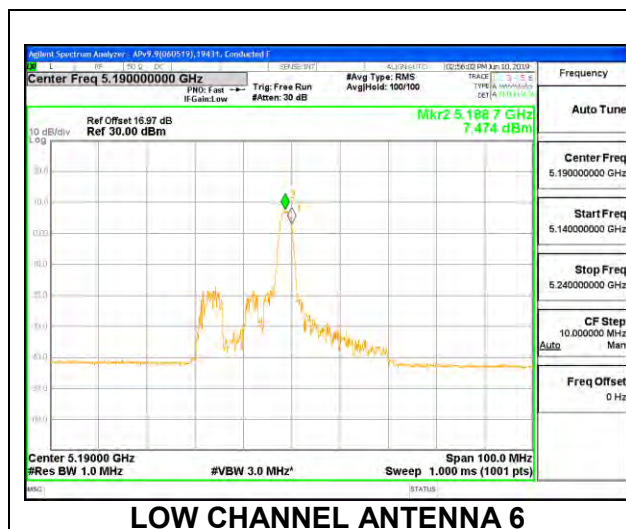
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.79	8.83	11.82	24.00	-12.18
High	5230	8.90	8.86	11.89	24.00	-12.11

PSD Results

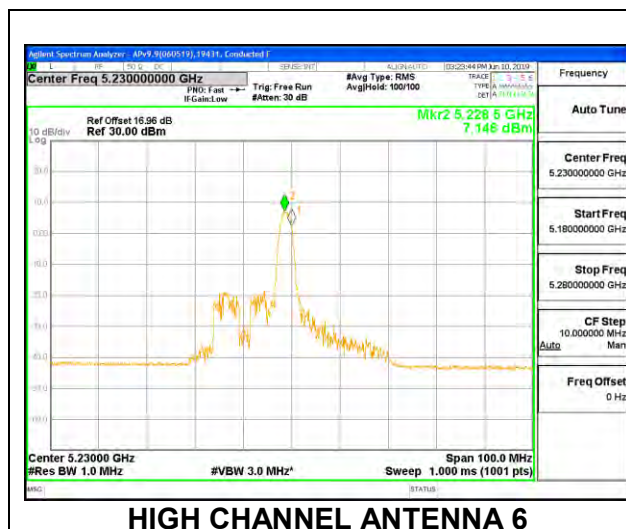
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.47	6.97	10.24	11.00	-0.76
High	5230	7.15	8.24	10.74	11.00	-0.26

LOW CHANNEL



LOW CHANNEL ANTENNA 5

HIGH CHANNEL



HIGH CHANNEL ANTENNA 5

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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-2.99	-0.25	24.00	11.00
High	5230	-2.99	-0.25	24.00	11.00

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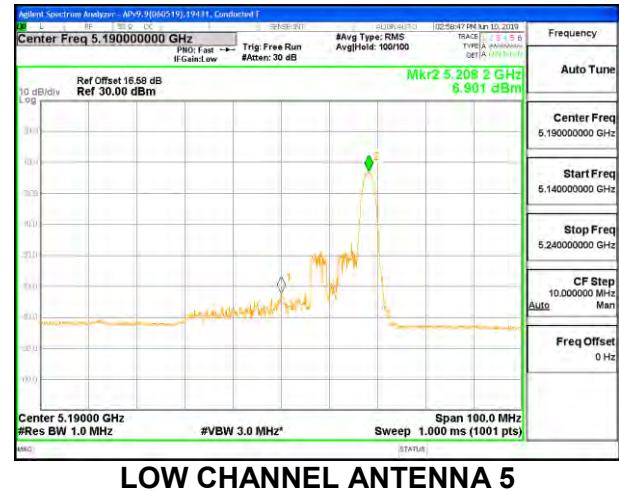
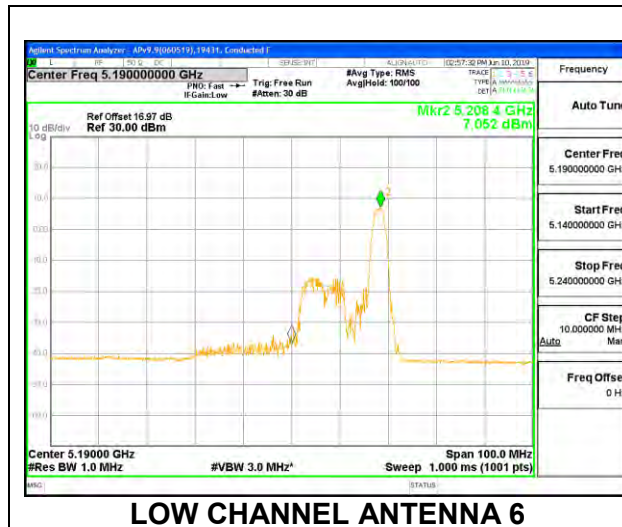
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.79	8.91	11.86	24.00	-12.14
High	5230	8.82	8.93	11.89	24.00	-12.11

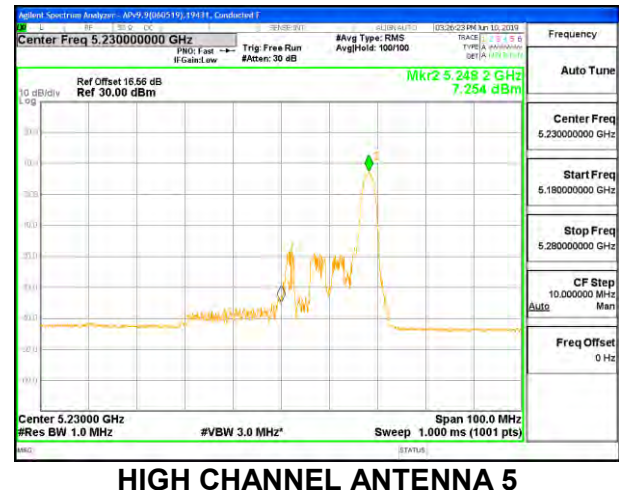
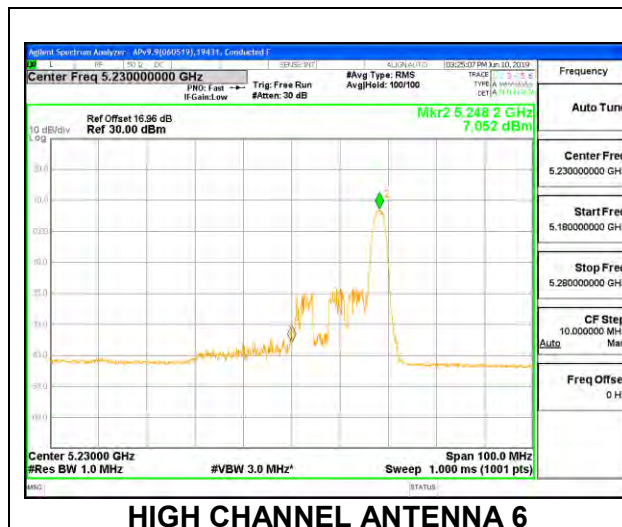
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	7.05	6.90	9.99	11.00	-1.01
High	5230	7.05	7.25	10.16	11.00	-0.84

LOW CHANNEL



HIGH CHANNEL



8.5.6. 802.11ax HE80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE – 996-Tones, RU Index 67 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.30	24.00	11.00

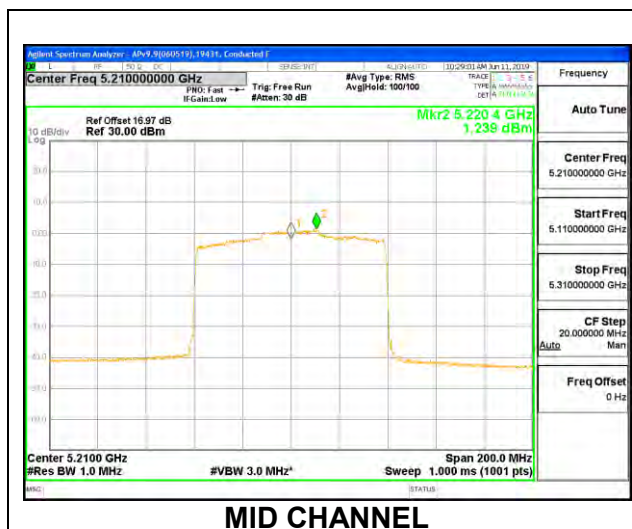
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.22	15.22	24.00	-8.78

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.24	1.36	11.00	-9.64



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.30	24.00	11.00

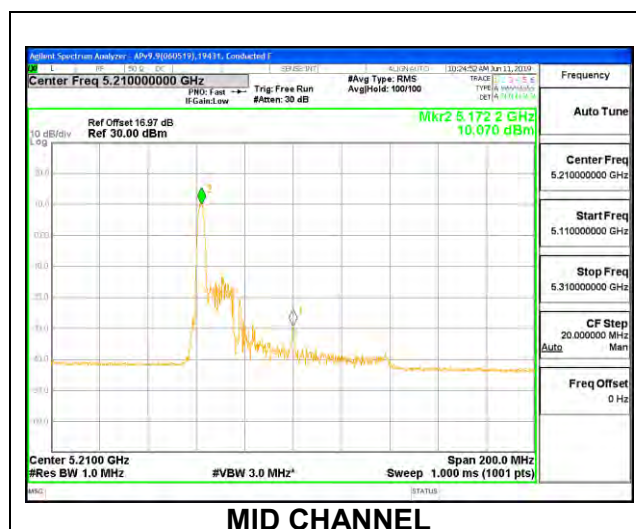
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.98	11.98	24.00	-12.02

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	10.07	10.07	11.00	-0.93



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.30	24.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.88	11.88	24.00	-12.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	9.31	9.31	11.00	-1.70



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-1.30	24.00	11.00

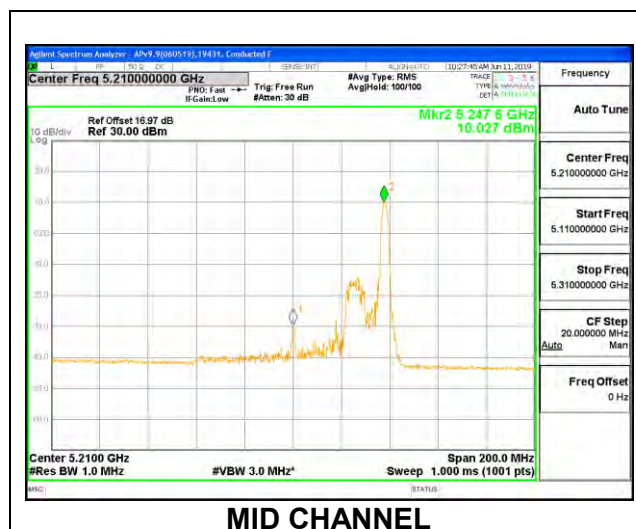
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.78	11.78	24.00	-12.22

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	10.03	10.03	11.00	-0.97



1TX Antenna 5 MODE – 996-Tones, RU Index 67 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.80	24.00	11.00

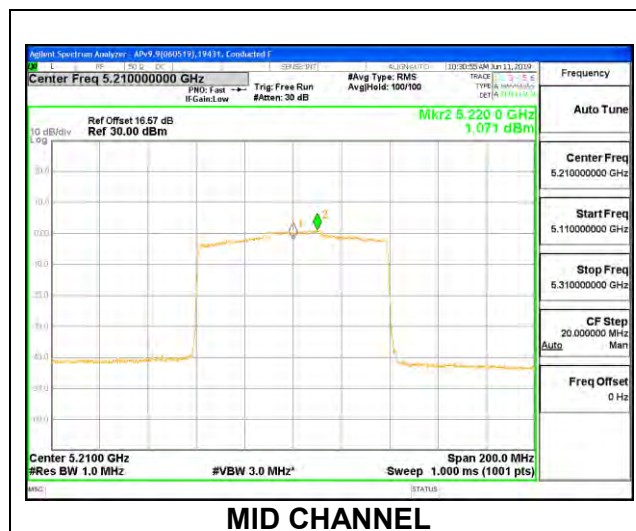
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.19	15.19	24.00	-8.81

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.07	1.19	11.00	-9.81



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.80	24.00	11.00

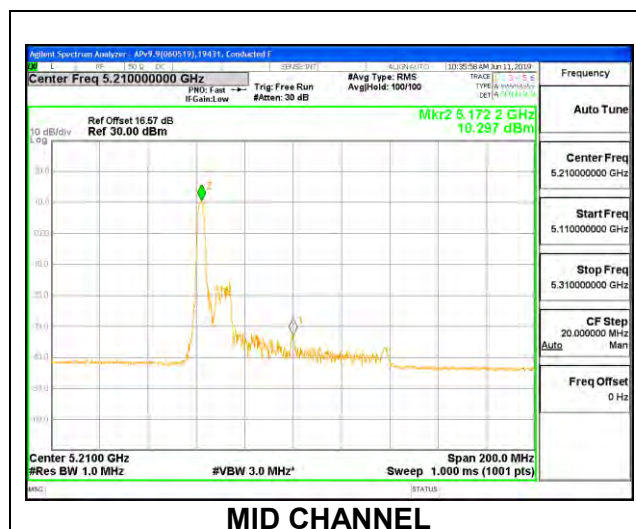
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.87	11.87	24.00	-12.13

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	10.30	10.30	11.00	-0.70



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.80	24.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.86	11.86	24.00	-12.14

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	9.00	9.00	11.00	-2.00



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.80	24.00	11.00

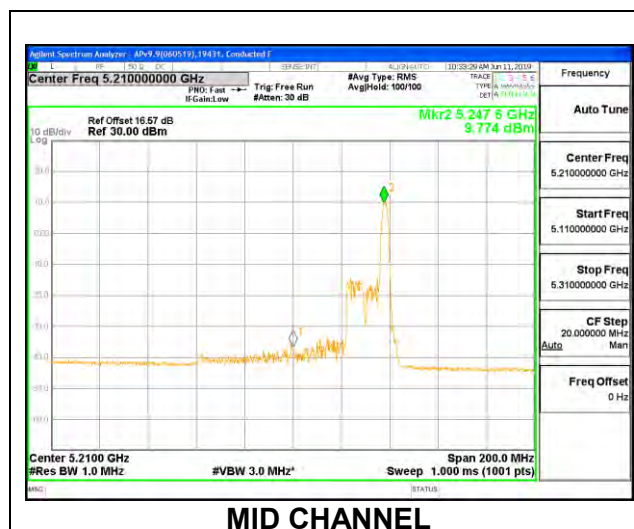
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.99	11.99	24.00	-12.01

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	9.77	9.77	11.00	-1.23



2TX Antenna 6 + Antenna 5 OFDMA MODE – 996-Tones, RU Index 67 (FCC) MOBILE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.99	-0.25	24.00	11.00

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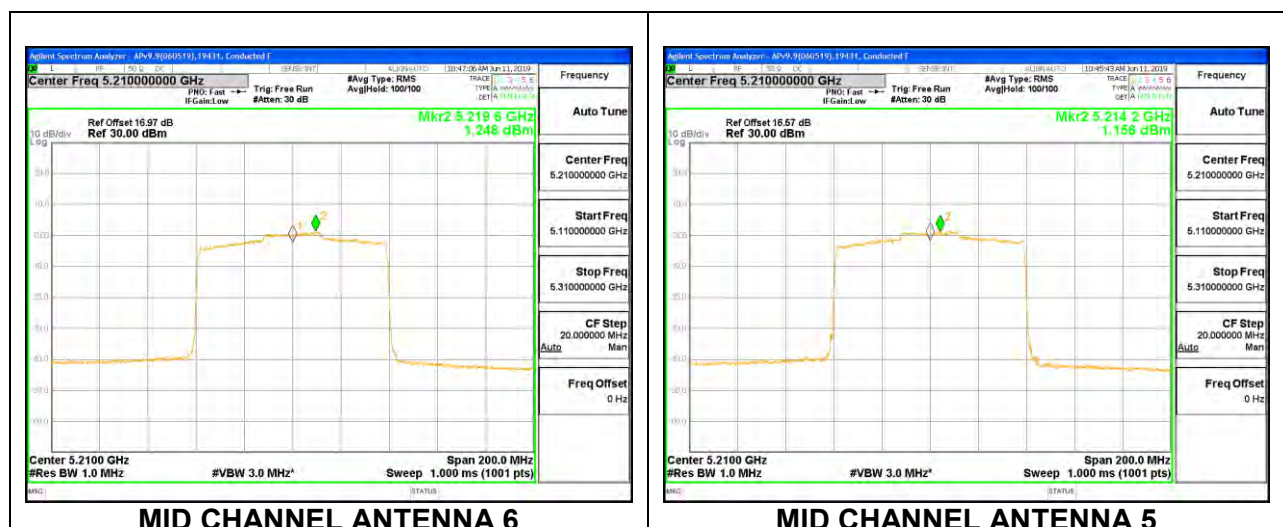
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	14.44	14.49	17.48	24.00	-6.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.25	1.16	4.31	11.00	-6.69

MID CHANNEL



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.99	-0.25	24.00	11.00

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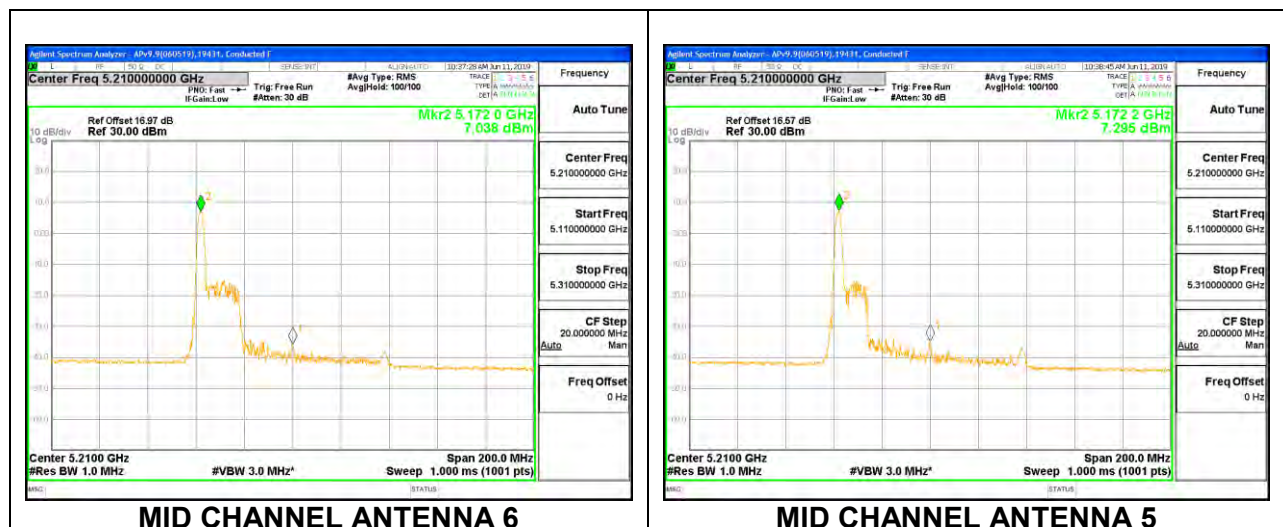
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.88	8.79	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	7.04	7.30	10.18	11.00	-0.82

MID CHANNEL



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.99	-0.25	24.00	11.00

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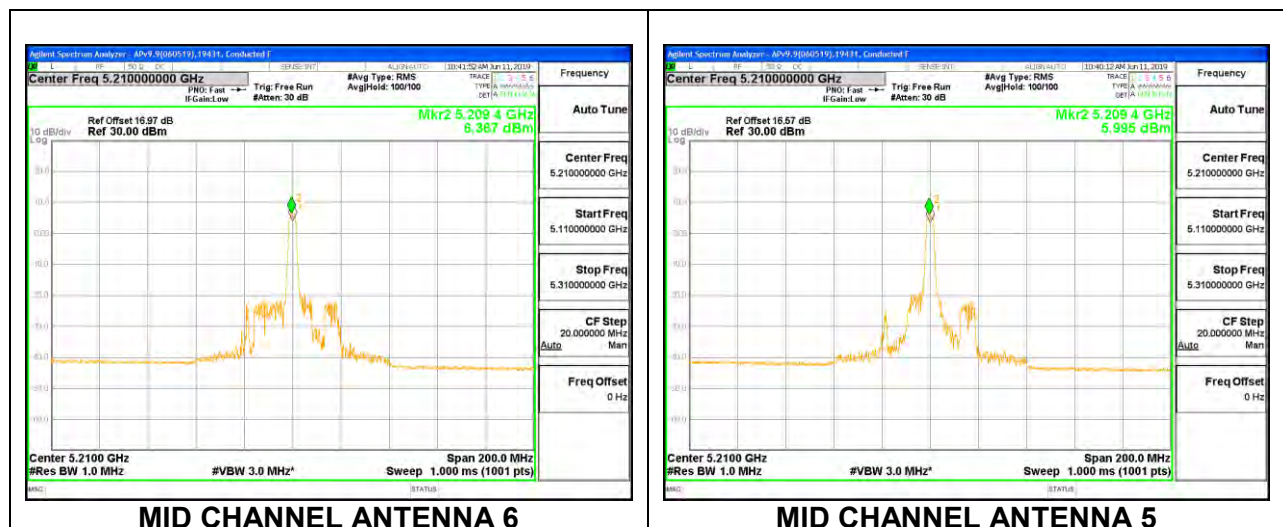
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.90	8.94	11.93	24.00	-12.07

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.37	6.00	9.20	11.00	-1.80

MID CHANNEL



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

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-2.99	-0.25	24.00	11.00

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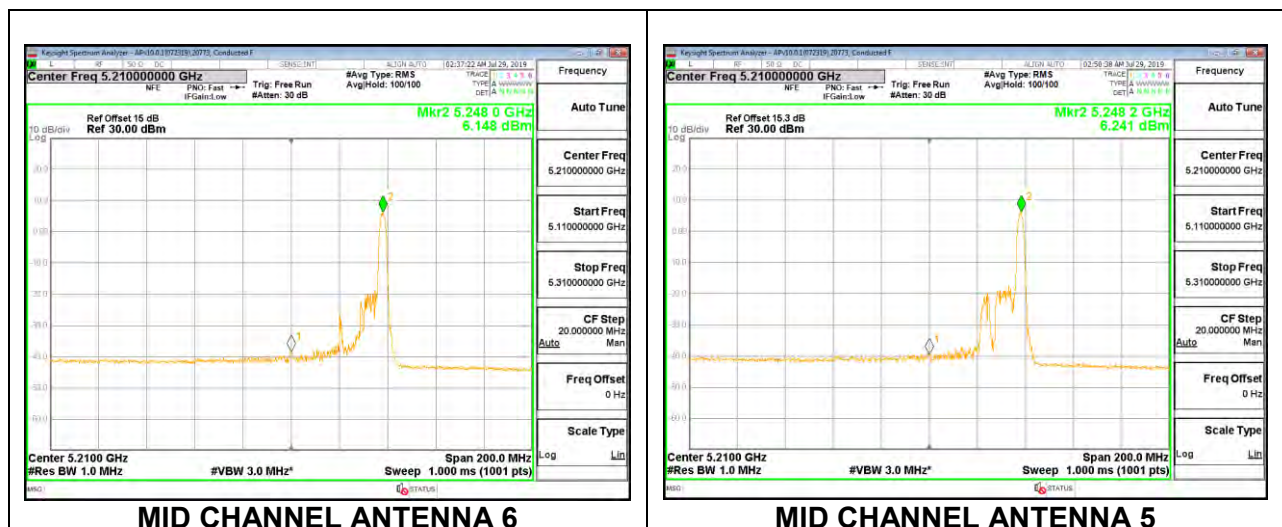
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.90	8.96	11.94	24.00	-12.06

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	6.15	6.24	9.21	11.00	-1.79

MID CHANNEL



8.5.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.35	-2.30	24.00	11.00
Mid	5300	22.50	-2.30	24.00	11.00
High	5320	22.40	-2.30	24.00	11.00

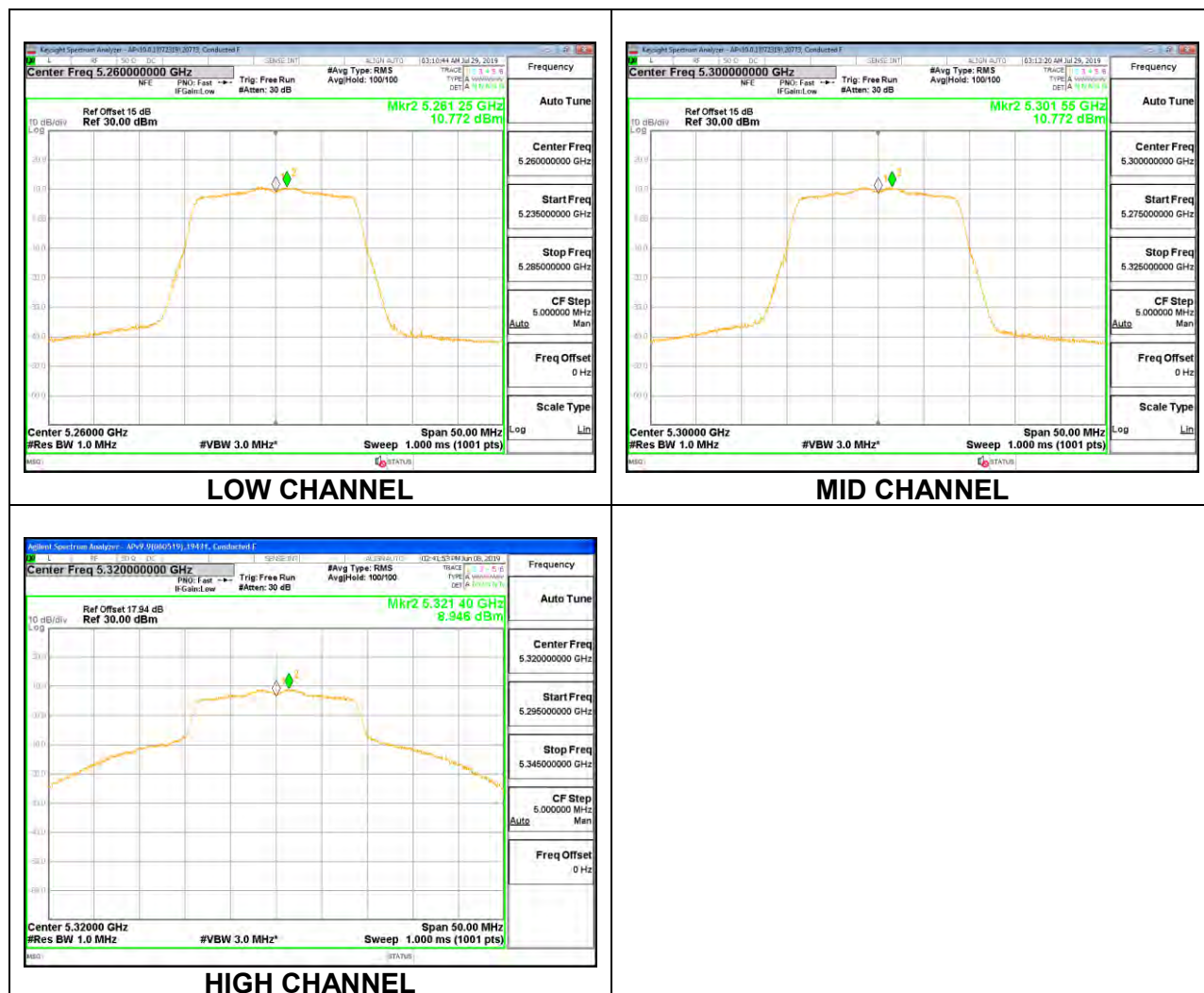
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.89	20.89	24.00	-3.11
Mid	5300	20.87	20.87	24.00	-3.13
High	5320	18.88	18.88	24.00	-5.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.77	10.77	11.00	-0.23
Mid	5300	10.77	10.77	11.00	-0.23
High	5320	8.95	8.95	11.00	-2.05



1TX Antenna 5 MODE (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.40	-7.10	24.00	11.00
Mid	5300	22.40	-7.10	24.00	11.00
High	5320	22.30	-7.10	24.00	11.00

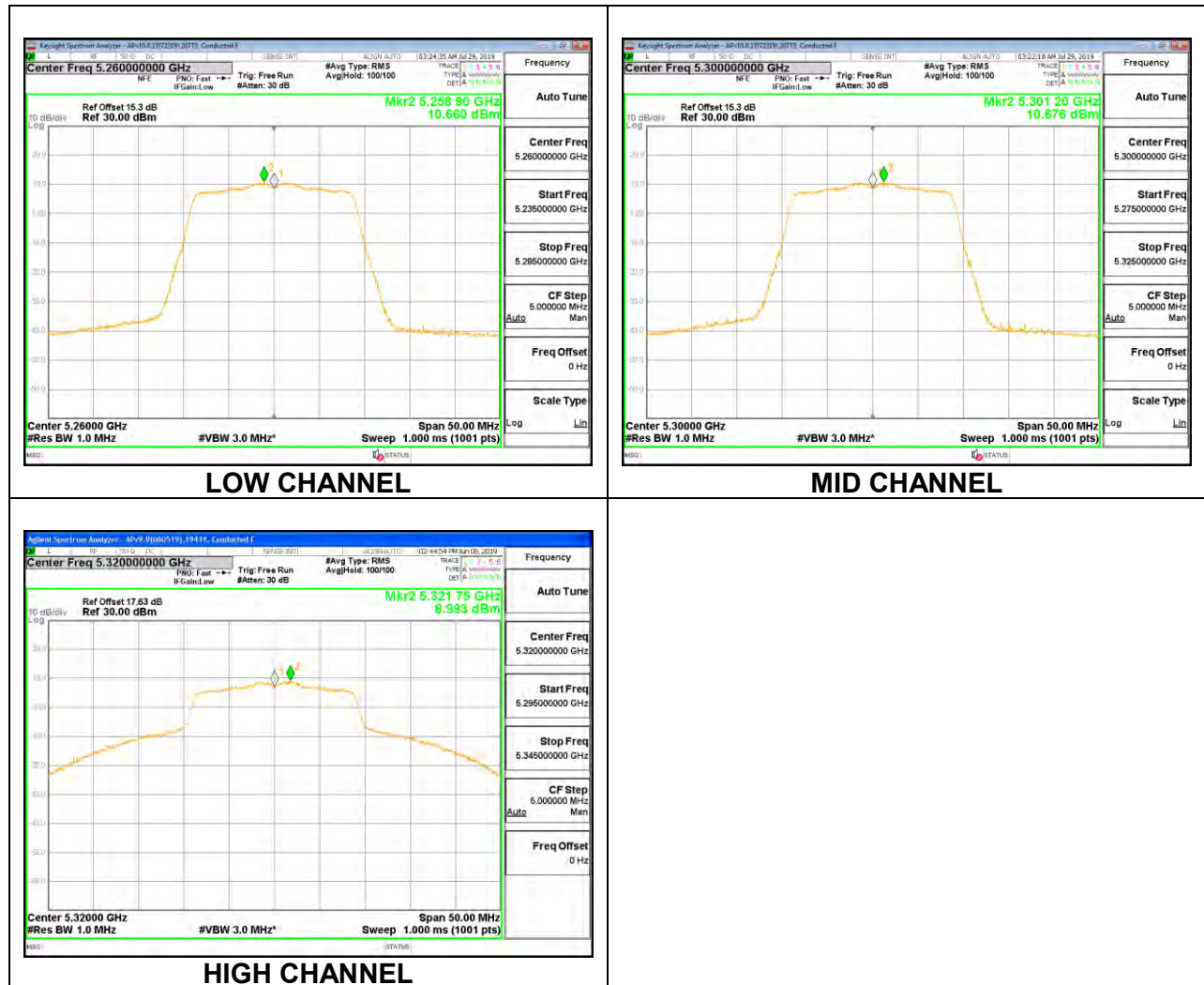
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.79	20.79	24.00	-3.21
Mid	5300	20.88	20.88	24.00	-3.12
High	5320	18.93	18.93	24.00	-5.07

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.660	10.66	11.00	-0.34
Mid	5300	10.676	10.68	11.00	-0.32
High	5320	8.993	8.99	11.00	-2.01



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.05	-4.07	-1.36	24.00	11.00
Mid	5300	22.15	-4.07	-1.36	24.00	11.00
High	5320	21.90	-4.07	-1.36	24.00	11.00

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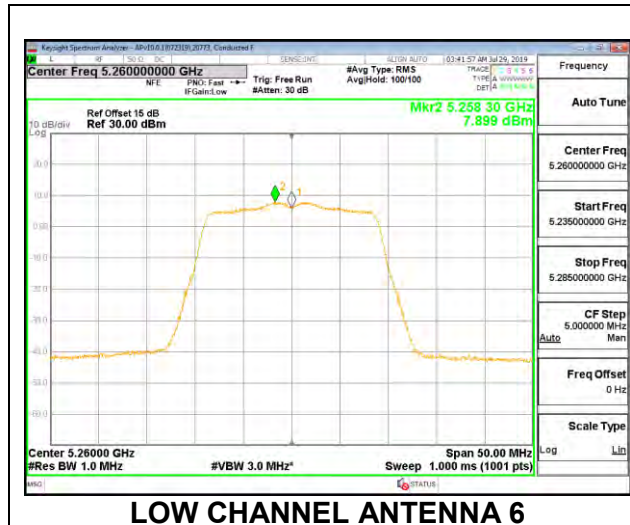
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.79	17.99	20.90	24.00	-3.10
Mid	5300	17.85	17.87	20.87	24.00	-3.13
High	5320	17.89	17.90	20.91	24.00	-3.09

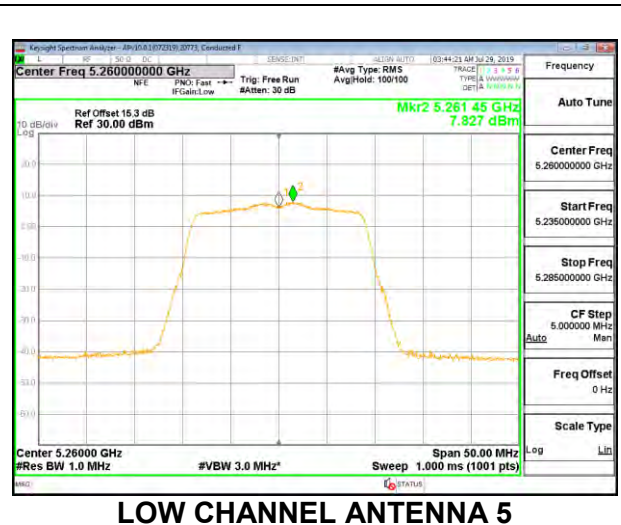
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.90	7.83	10.87	11.00	-0.13
Mid	5300	7.63	7.84	10.75	11.00	-0.25
High	5320	7.58	7.45	10.52	11.00	-0.48

LOW CHANNEL

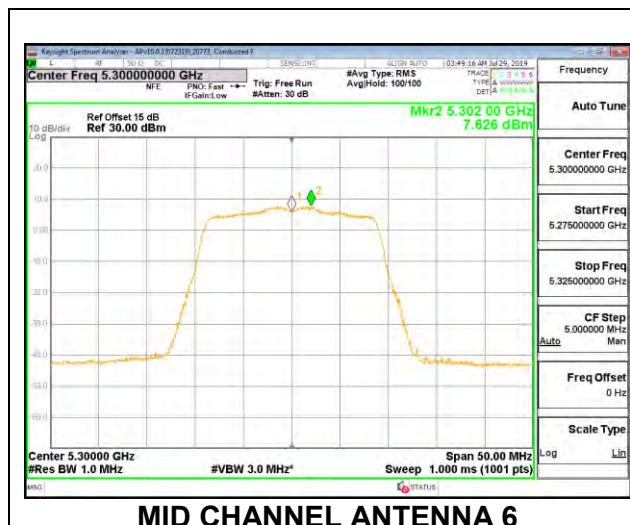


LOW CHANNEL ANTENNA 6

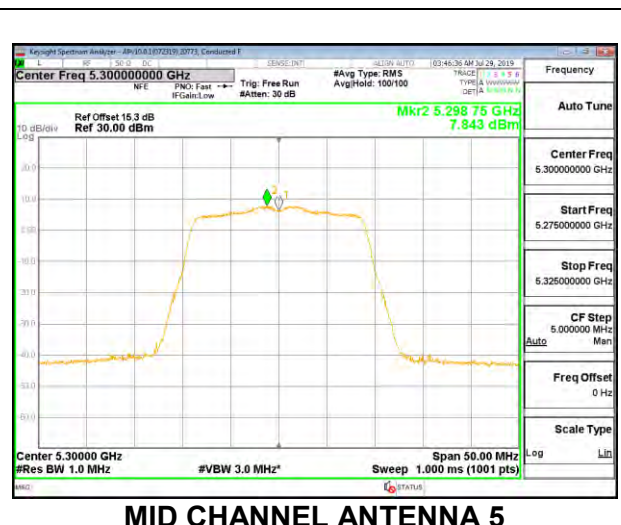


LOW CHANNEL ANTENNA 5

MID CHANNEL

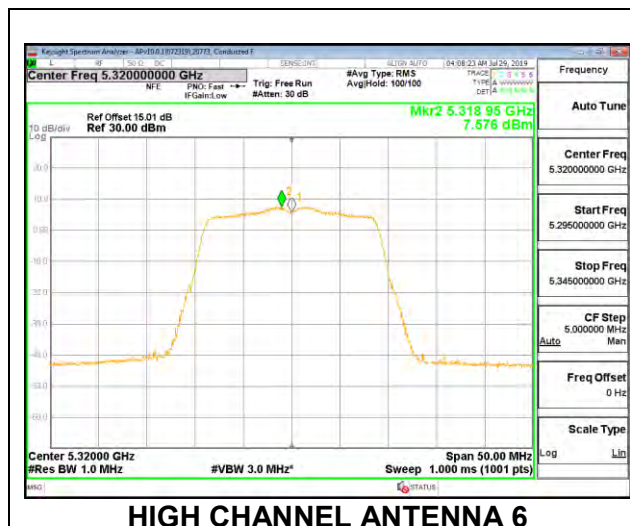


MID CHANNEL ANTENNA 6

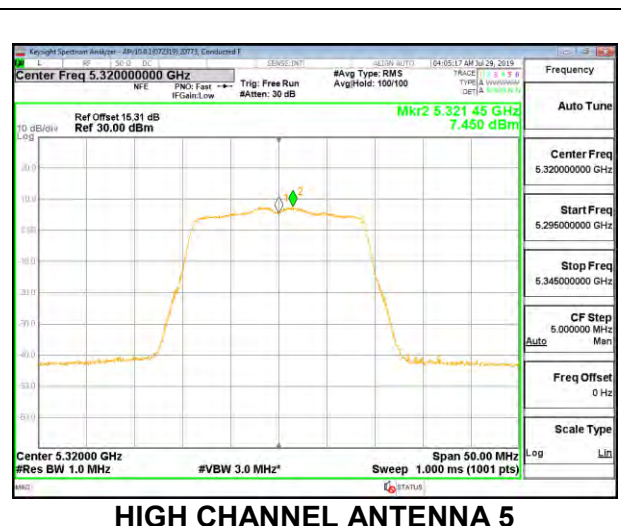


MID CHANNEL ANTENNA 5

HIGH CHANNEL



HIGH CHANNEL ANTENNA 6



HIGH CHANNEL ANTENNA 5

8.5.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	42.20	-2.30	24.00	11.00
High	5310	42.50	-2.30	24.00	11.00

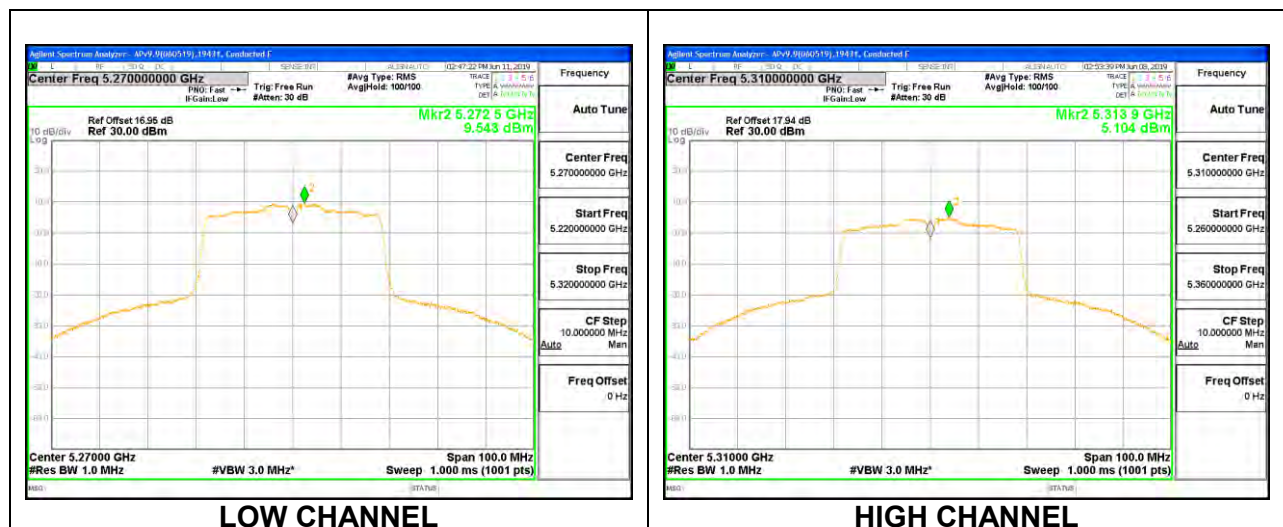
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	21.19	21.19	24.00	-2.81
High	5310	17.40	17.40	24.00	-6.60

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.543	9.66	11.00	-1.34
High	5310	5.104	5.22	11.00	-5.78



1TX Antenna 5 MODE (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	42.60	-7.10	24.00	11.00
High	5310	42.30	-7.10	24.00	11.00

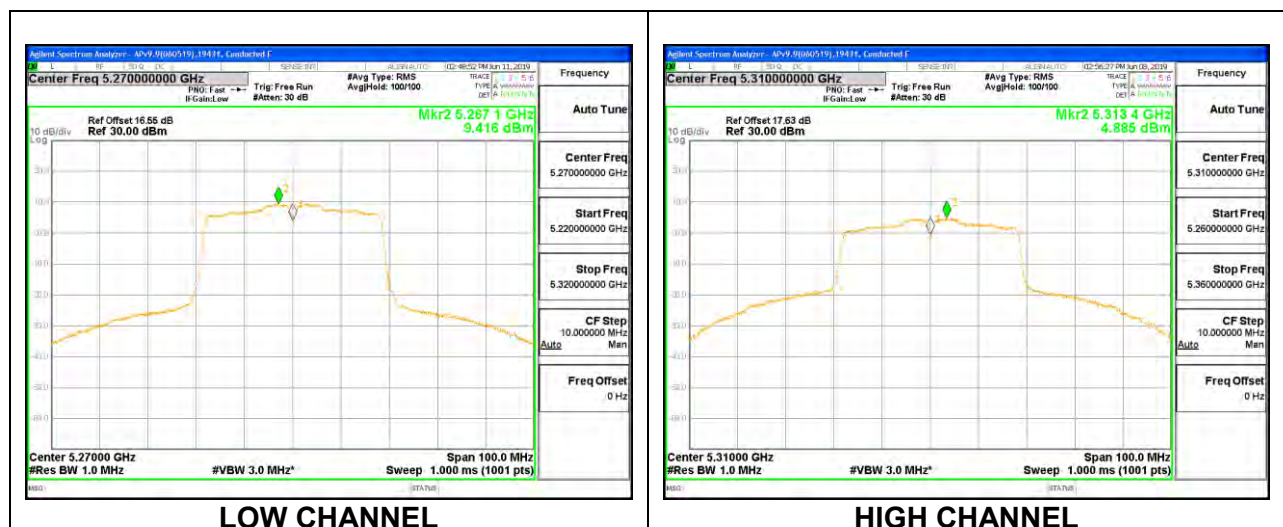
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	21.39	21.39	24.00	-2.61
High	5310	17.27	17.27	24.00	-6.73

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.416	9.54	11.00	-1.46
High	5310	4.885	5.01	11.00	-6.00



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	42.40	-4.07	-1.36	24.00	11.00
High	5310	42.10	-4.07	-1.36	24.00	11.00

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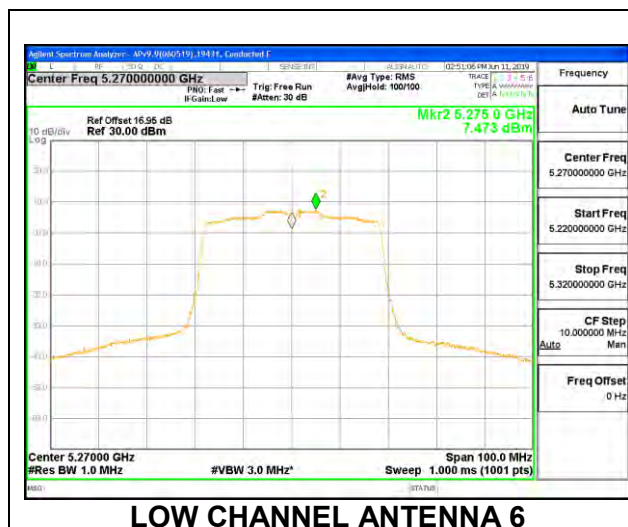
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.90	19.94	22.93	24.00	-1.07
High	5310	16.79	16.88	19.85	24.00	-4.15

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.47	7.28	10.48	11.00	-0.52
High	5310	4.49	4.27	7.48	11.00	-3.52

LOW CHANNEL

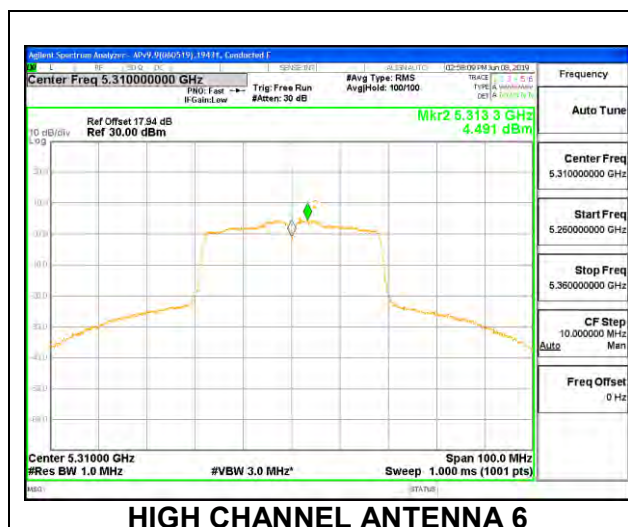


LOW CHANNEL ANTENNA 6



LOW CHANNEL ANTENNA 5

HIGH CHANNEL



HIGH CHANNEL ANTENNA 6



HIGH CHANNEL ANTENNA 5

8.5.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	85.20	-2.30	24.00	11.00

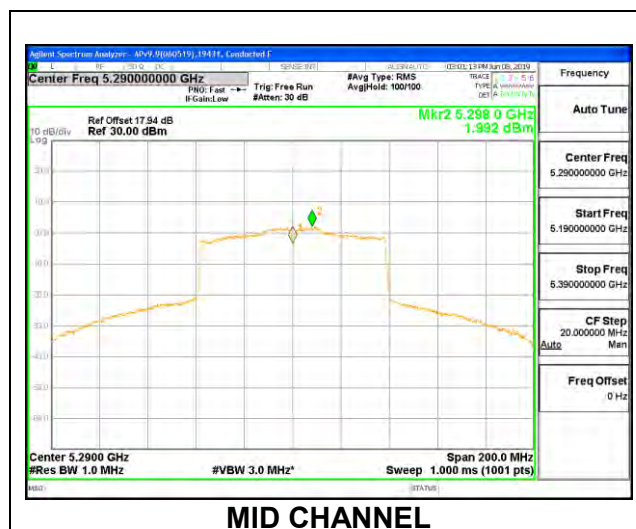
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	17.44	17.44	24.00	-6.56

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.99	2.18	11.00	-8.82



1TX Antenna 5 MODE (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	84.40	-7.10	24.00	11.00

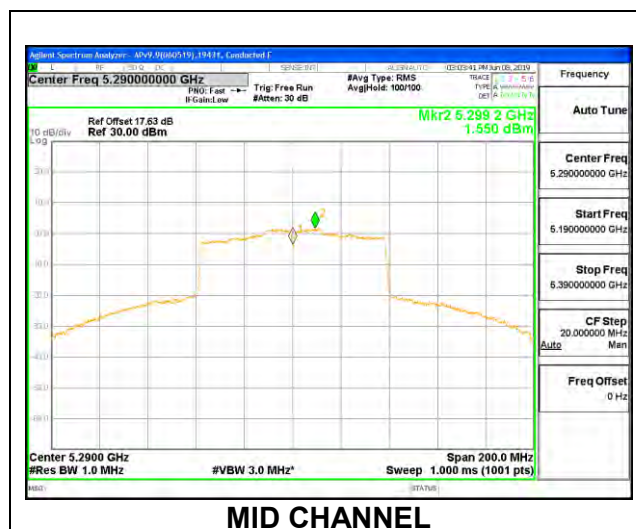
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	17.39	17.39	24.00	-6.61

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.55	1.74	11.00	-9.26



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	84.80	-4.07	-1.36	24.00	11.00

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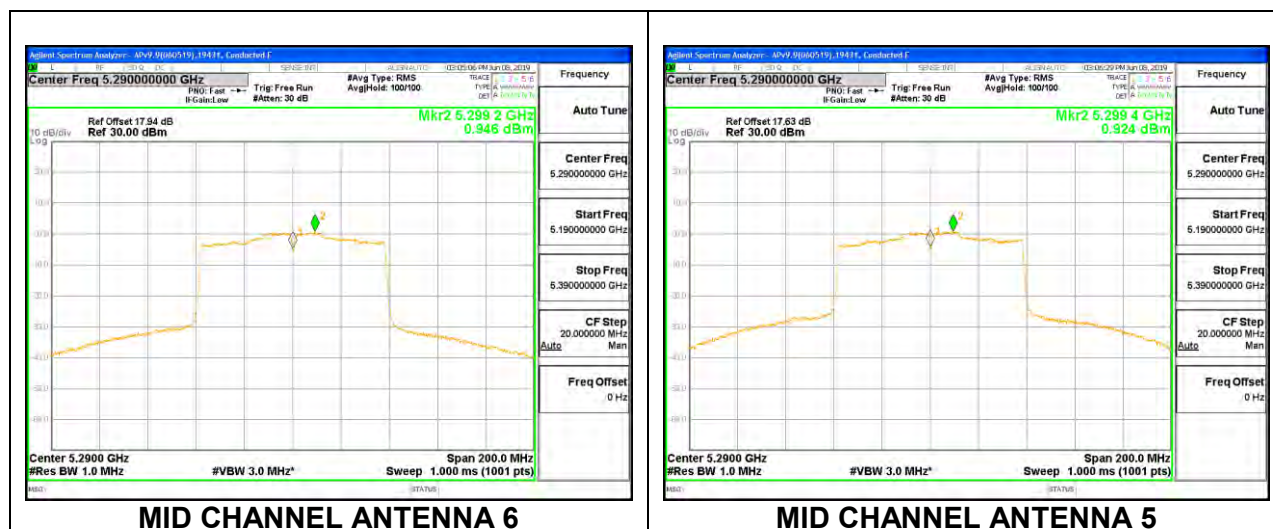
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.45	16.48	19.48	24.00	-4.52

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.95	0.92	4.14	11.00	-6.86

MID CHANNEL



8.5.10. 802.11ax HE20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE – 242-Tones, RU Index 61 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.10	-2.30	24.00	11.00
Mid	5300	22.20	-2.30	24.00	11.00
High	5320	22.25	-2.30	24.00	11.00

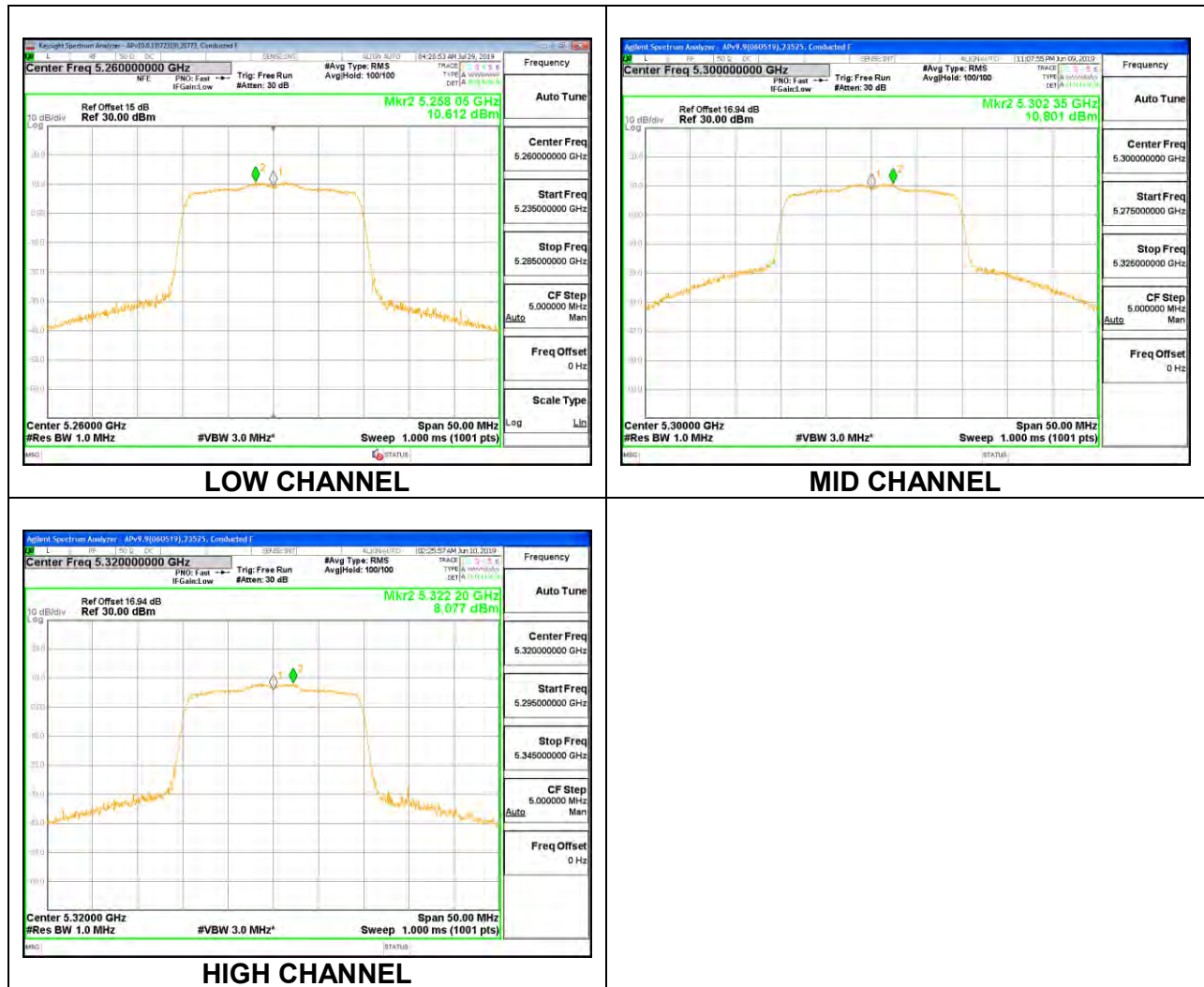
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.78	20.78	24.00	-3.22
Mid	5300	20.94	20.94	24.00	-3.06
High	5320	17.82	17.82	24.00	-6.18

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.61	10.61	11.00	-0.39
Mid	5300	10.80	10.80	11.00	-0.20
High	5320	8.08	8.08	11.00	-2.92



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.45	-2.30	24.00	11.00
Mid	5300	21.35	-2.30	24.00	11.00
High	5320	21.26	-2.30	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.90	11.90	24.00	-12.10
Mid	5300	11.79	11.79	24.00	-12.21
High	5320	11.82	11.82	24.00	-12.18

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.97	9.97	11.00	-1.03
Mid	5300	9.69	9.69	11.00	-1.32
High	5320	9.67	9.67	11.00	-1.33



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.60	-2.30	24.00	11.00
Mid	5300	20.30	-2.30	24.00	11.00
High	5320	20.85	-2.30	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.89	11.89	24.00	-12.11
Mid	5300	11.85	11.85	24.00	-12.15
High	5320	11.93	11.93	24.00	-12.07

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	8.90	8.90	11.00	-2.10
Mid	5300	8.96	8.96	11.00	-2.04
High	5320	8.77	8.77	11.00	-2.23



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.60	-2.30	24.00	11.00
Mid	5300	21.55	-2.30	24.00	11.00
High	5320	21.55	-2.30	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.76	11.76	24.00	-12.24
Mid	5300	11.81	11.81	24.00	-12.19
High	5320	11.78	11.78	24.00	-12.22

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.05	10.05	11.00	-0.95
Mid	5300	9.86	9.86	11.00	-1.14
High	5320	10.01	10.01	11.00	-0.99



1TX Antenna 5 MODE – 242-Tones, RU Index 61 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.00	-7.10	24.00	11.00
Mid	5300	22.05	-7.10	24.00	11.00
High	5320	22.05	-7.10	24.00	11.00

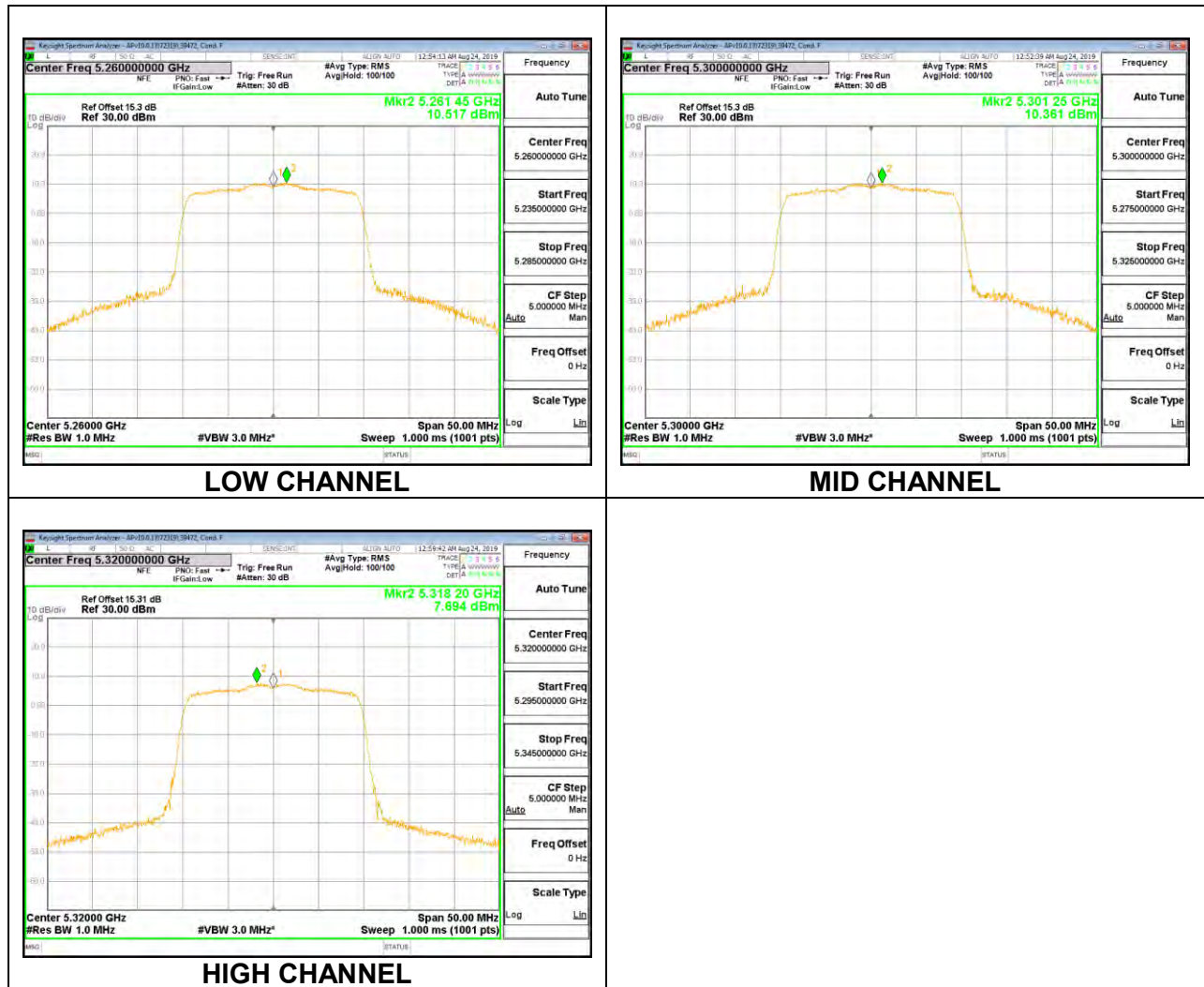
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.89	20.89	24.00	-3.11
Mid	5300	20.78	20.78	24.00	-3.22
High	5320	17.96	17.96	24.00	-6.04

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.52	10.52	11.00	-0.48
Mid	5300	10.36	10.36	11.00	-0.64
High	5320	7.69	7.69	11.00	-3.31



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.05	-7.10	24.00	11.00
Mid	5300	21.25	-7.10	24.00	11.00
High	5320	21.15	-7.10	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.79	11.79	24.00	-12.21
Mid	5300	11.96	11.96	24.00	-12.04
High	5320	11.83	11.83	24.00	-12.17

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.98	9.98	11.00	-1.02
Mid	5300	9.82	9.82	11.00	-1.18
High	5320	10.02	10.02	11.00	-0.98



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.75	-7.10	24.00	11.00
Mid	5300	20.70	-7.10	24.00	11.00
High	5320	20.55	-7.10	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.87	11.87	24.00	-12.13
Mid	5300	11.82	11.82	24.00	-12.18
High	5320	11.94	11.94	24.00	-12.06

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	9.17	9.17	11.00	-1.84
Mid	5300	8.70	8.70	11.00	-2.30
High	5320	8.80	8.80	11.00	-2.20



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.55	-7.10	24.00	11.00
Mid	5300	21.55	-7.10	24.00	11.00
High	5320	21.40	-7.10	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.90	11.90	24.00	-12.10
Mid	5300	11.93	11.93	24.00	-12.07
High	5320	11.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.28	10.28	11.00	-0.72
Mid	5300	9.90	9.90	11.00	-1.10
High	5320	9.89	9.89	11.00	-1.11



2TX Antenna 6 + Antenna 5 OFDMA MODE – 242-Tones, RU Index 61 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.00	-4.07	-1.36	24.00	11.00
Mid	5300	21.90	-4.07	-1.36	24.00	11.00
High	5320	22.10	-4.07	-1.36	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.89	17.88	20.90	24.00	-3.10
Mid	5300	17.96	17.99	20.99	24.00	-3.01
High	5320	16.97	16.99	19.99	24.00	-4.01

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.59	7.41	10.51	11.00	-0.49
Mid	5300	7.49	7.38	10.44	11.00	-0.56
High	5320	6.37	6.31	9.35	11.00	-1.65

LOW CHANNEL

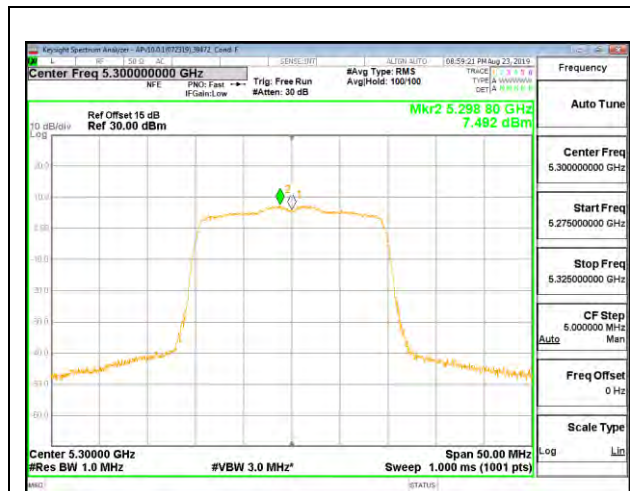


LOW CHANNEL ANTENNA 6

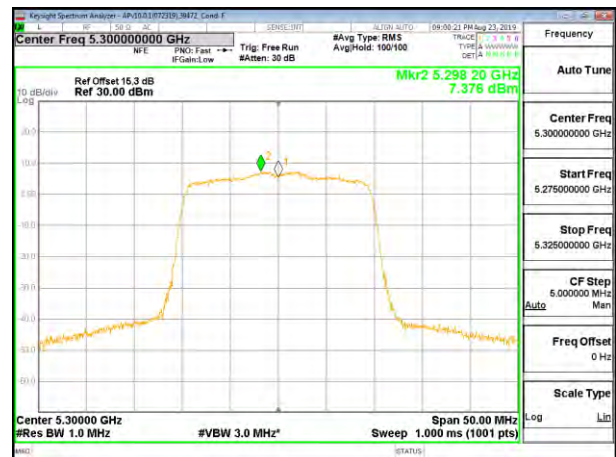


LOW CHANNEL ANTENNA 5

MID CHANNEL

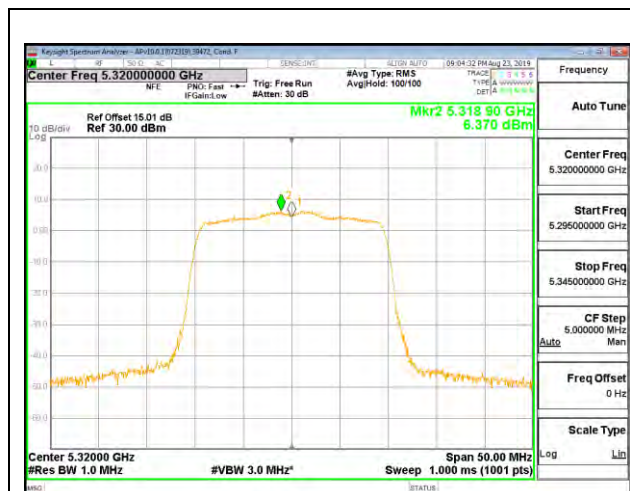


MID CHANNEL ANTENNA 6

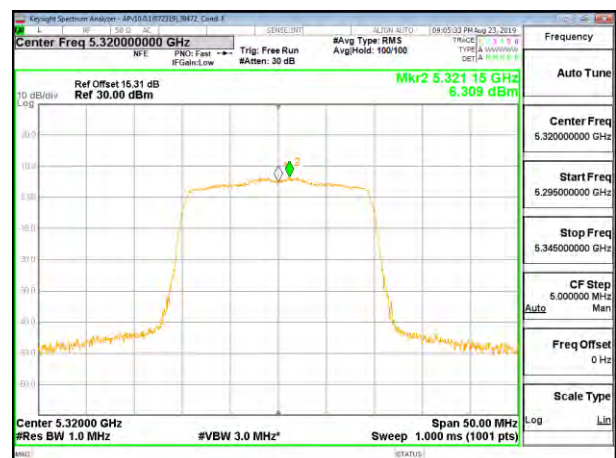


MID CHANNEL ANTENNA 5

HIGH CHANNEL



HIGH CHANNEL ANTENNA 6



HIGH CHANNEL ANTENNA 5

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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.80	-4.07	-1.36	24.00	11.00
Mid	5300	20.55	-4.07	-1.36	24.00	11.00
High	5320	20.65	-4.07	-1.36	24.00	11.00

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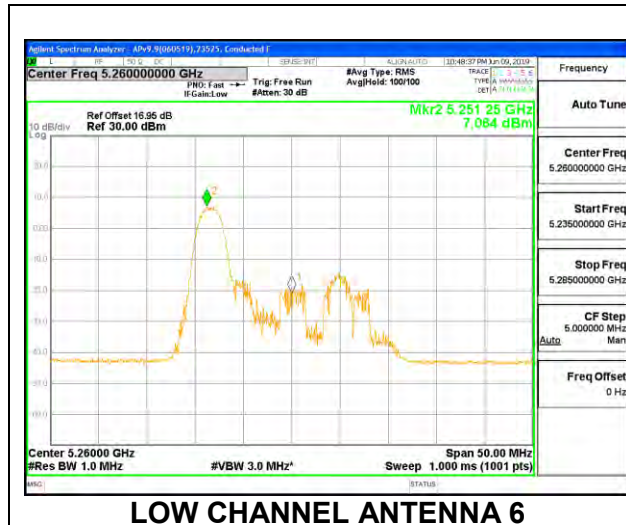
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.88	8.95	11.93	24.00	-12.07
Mid	5300	8.79	8.93	11.87	24.00	-12.13
High	5320	8.70	8.87	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.06	7.14	10.11	11.00	-0.89
Mid	5300	7.03	6.78	9.92	11.00	-1.08
High	5320	6.79	6.80	9.80	11.00	-1.20

LOW CHANNEL

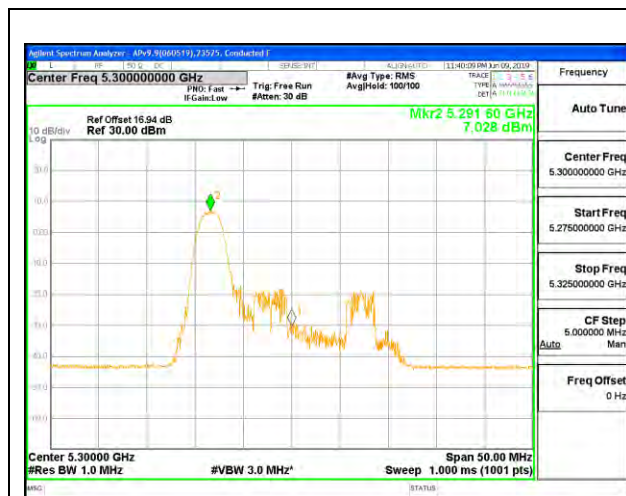


LOW CHANNEL ANTENNA 6



LOW CHANNEL ANTENNA 5

MID CHANNEL

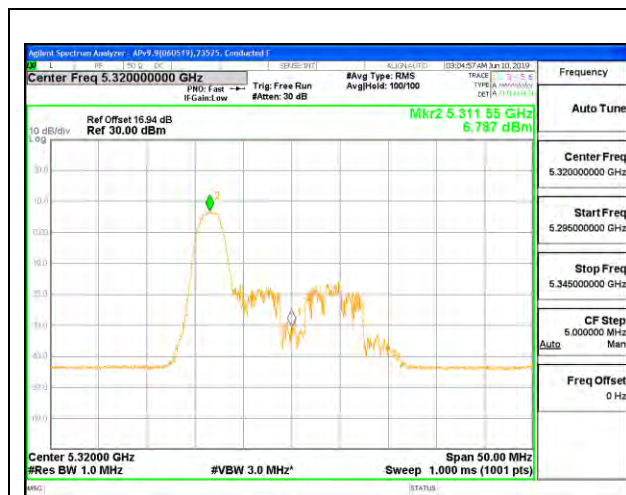


MID CHANNEL ANTENNA 6

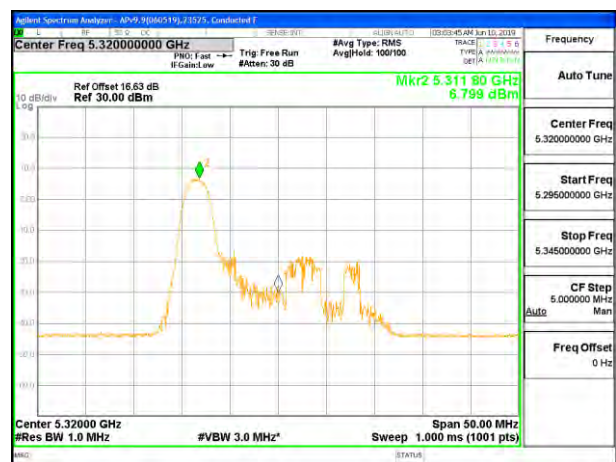


MID CHANNEL ANTENNA 5

HIGH CHANNEL



HIGH CHANNEL ANTENNA 6



HIGH CHANNEL ANTENNA 5

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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	19.10	-4.07	-1.36	23.81	11.00
Mid	5300	19.05	-4.07	-1.36	23.80	11.00
High	5320	19.20	-4.07	-1.36	23.83	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.69	8.77	11.74	23.81	-12.07
Mid	5300	8.89	8.94	11.93	23.80	-11.87
High	5320	8.82	8.96	11.90	23.83	-11.93

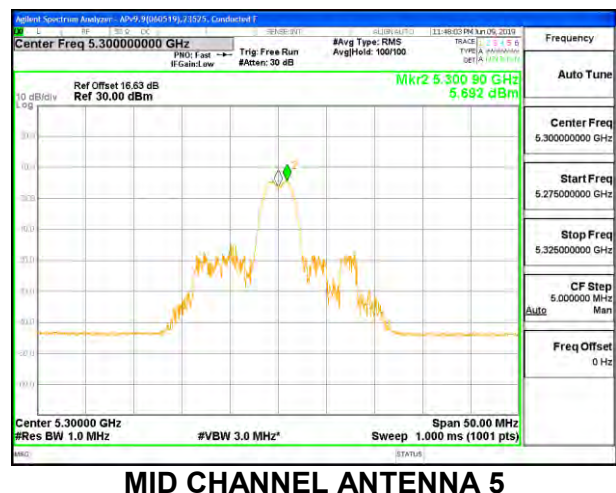
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	5.98	6.01	9.00	11.00	-2.00
Mid	5300	5.94	5.69	8.83	11.00	-2.17
High	5320	5.61	5.95	8.79	11.00	-2.21

LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	20.65	-4.07	-1.36	24.00	11.00
Mid	5300	20.70	-4.07	-1.36	24.00	11.00
High	5320	20.65	-4.07	-1.36	24.00	11.00

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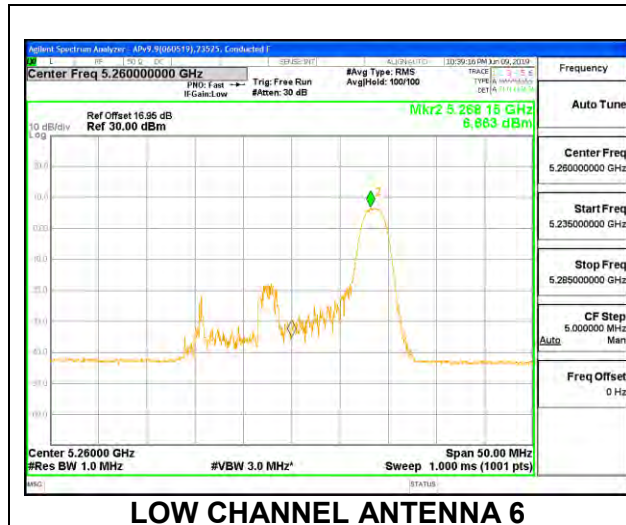
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.87	8.92	11.91	24.00	-12.09
Mid	5300	8.97	8.99	11.99	24.00	-12.01
High	5320	8.96	8.93	11.96	24.00	-12.04

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	6.66	6.53	9.61	11.00	-1.39
Mid	5300	5.51	6.64	9.12	11.00	-1.88
High	5320	6.97	7.11	10.05	11.00	-0.95

LOW CHANNEL



8.5.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE – 484-Tones, RU Index 65 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	42.50	-2.30	24.00	11.00
High	5310	42.50	-2.30	24.00	11.00

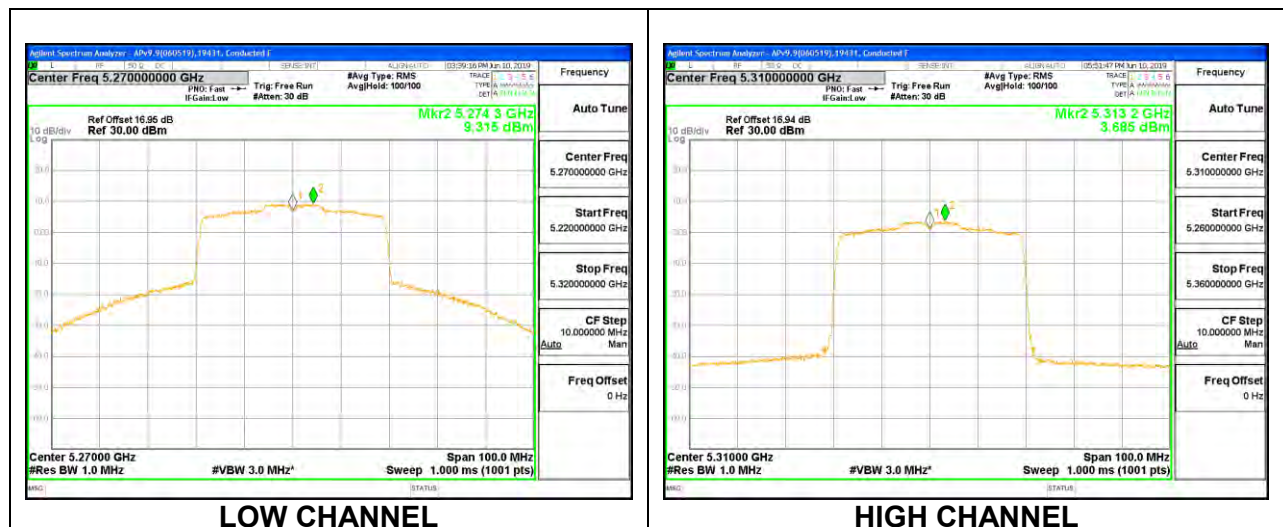
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	21.40	21.40	24.00	-2.60
High	5310	15.89	15.89	24.00	-8.11

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.32	9.32	11.00	-1.69
High	5310	3.69	3.69	11.00	-7.32



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	22.00	-2.30	24.00	11.00
High	5310	21.90	-2.30	24.00	11.00

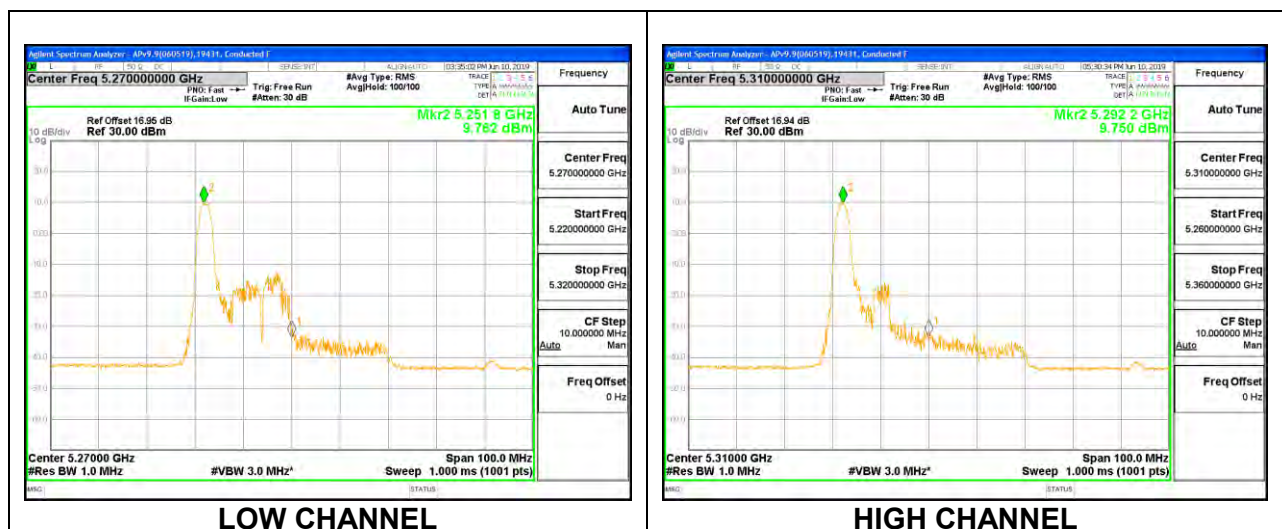
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.89	11.89	24.00	-12.11
High	5310	11.95	11.95	24.00	-12.05

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.76	9.76	11.00	-1.24
High	5310	9.75	9.75	11.00	-1.25



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	25.60	-2.30	24.00	11.00
High	5310	25.90	-2.30	24.00	11.00

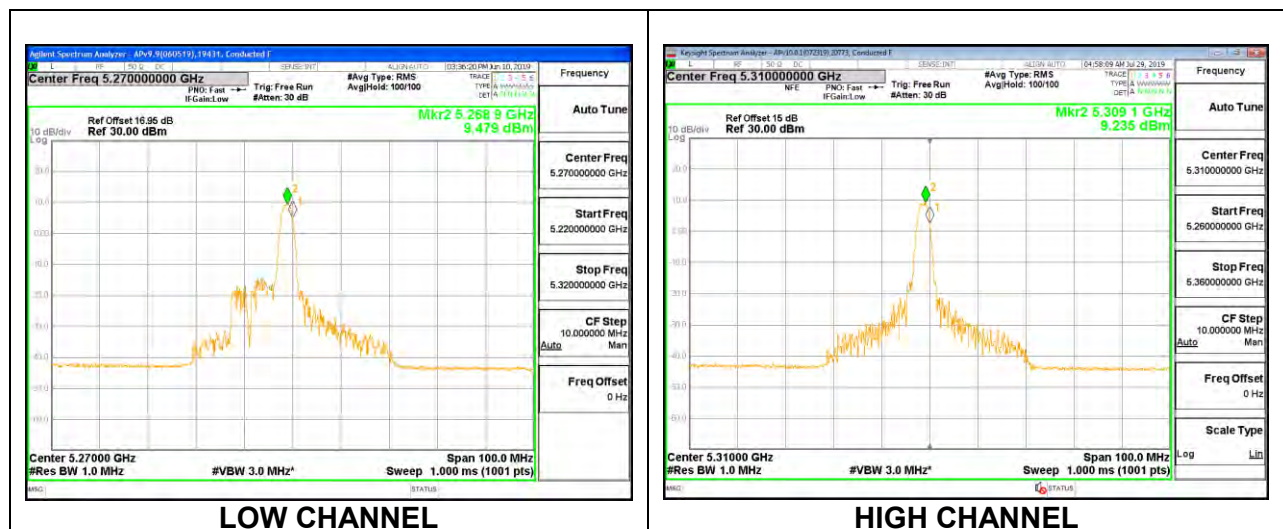
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.78	11.78	24.00	-12.22
High	5310	11.84	11.84	24.00	-12.16

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.48	9.48	11.00	-1.52
High	5310	9.24	9.24	11.00	-1.77



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	21.90	-2.30	24.00	11.00
High	5310	22.50	-2.30	24.00	11.00

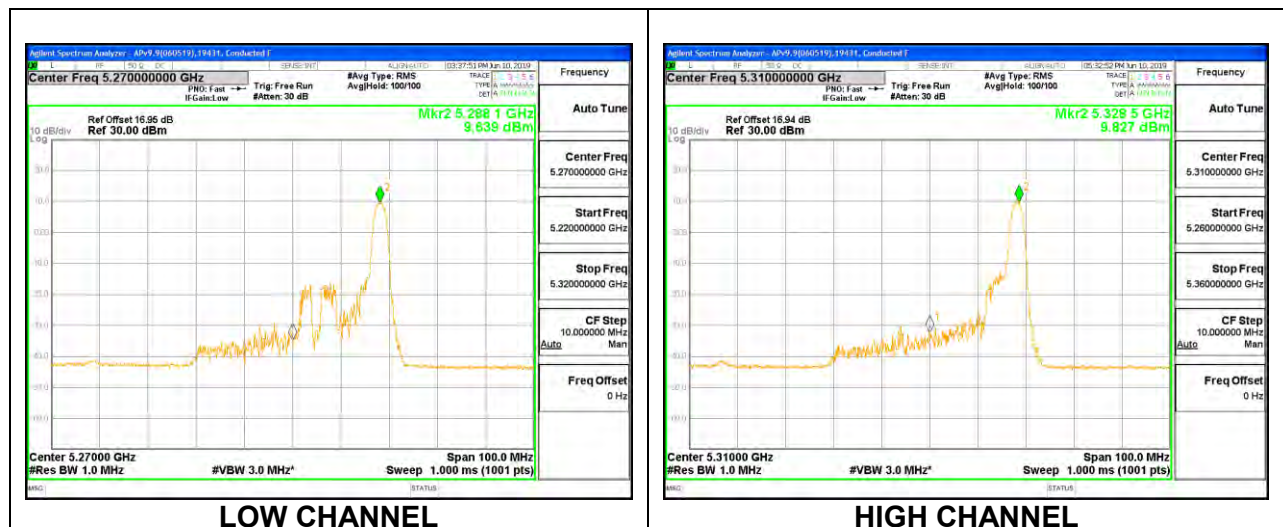
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.73	11.73	24.00	-12.27
High	5310	11.80	11.80	24.00	-12.20

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.64	9.64	11.00	-1.36
High	5310	9.83	9.83	11.00	-1.17



1TX Antenna 5 MODE – 484-Tones, RU Index 65 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	42.30	-7.10	24.00	11.00
High	5310	42.40	-7.10	24.00	11.00

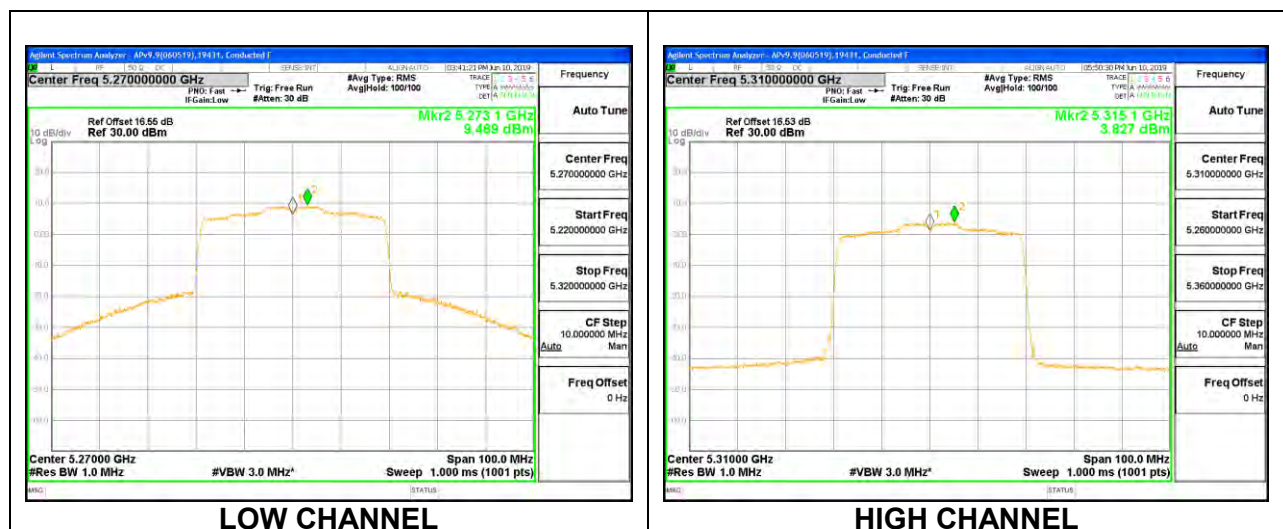
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	21.39	21.39	24.00	-2.61
High	5310	15.79	15.79	24.00	-8.21

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.47	9.47	11.00	-1.53
High	5310	3.83	3.83	11.00	-7.17



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	22.60	-7.10	24.00	11.00
High	5310	22.80	-7.10	24.00	11.00

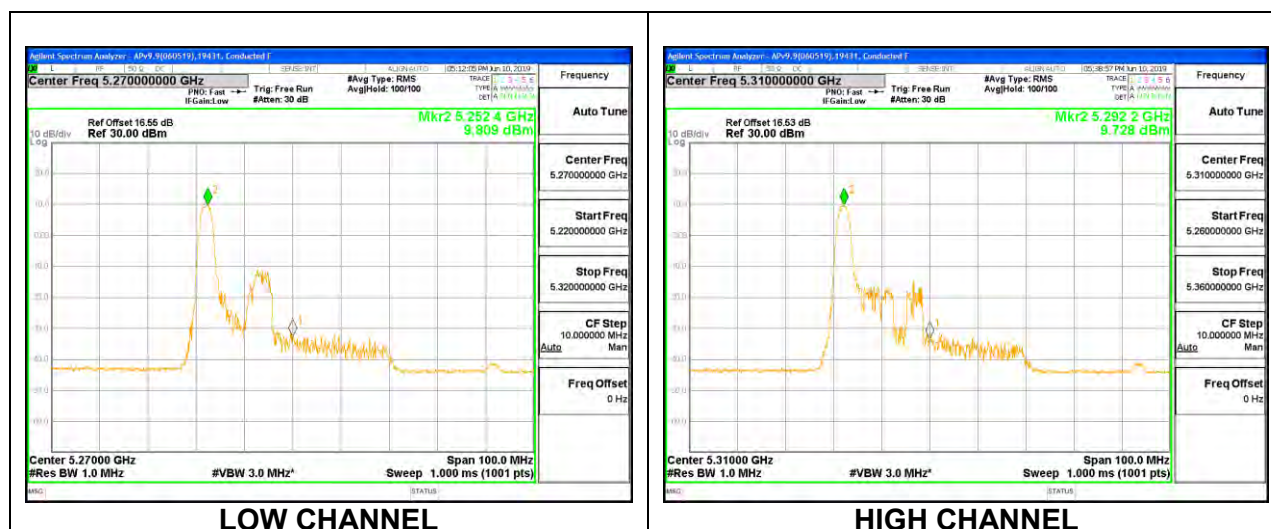
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.99	11.99	24.00	-12.01
High	5310	11.79	11.79	24.00	-12.21

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.81	9.81	11.00	-1.19
High	5310	9.73	9.73	11.00	-1.27



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	25.30	-7.10	24.00	11.00
High	5310	25.70	-7.10	24.00	11.00

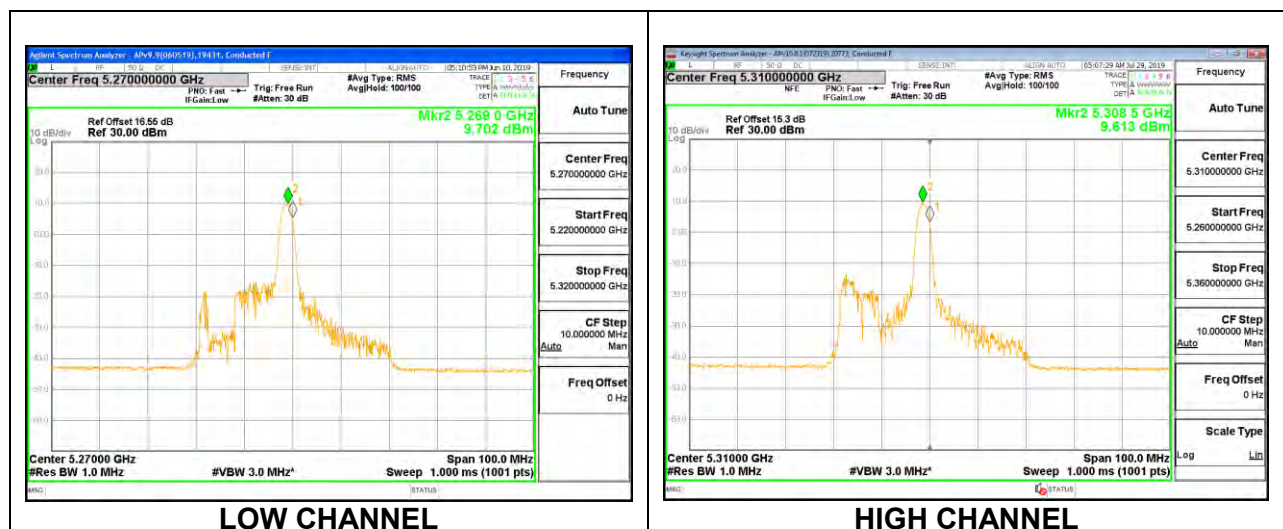
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.77	11.77	24.00	-12.23
High	5310	11.84	11.84	24.00	-12.16

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.70	9.70	11.00	-1.30
High	5310	9.61	9.61	11.00	-1.39



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	21.00	-7.10	24.00	11.00
High	5310	21.60	-7.10	24.00	11.00

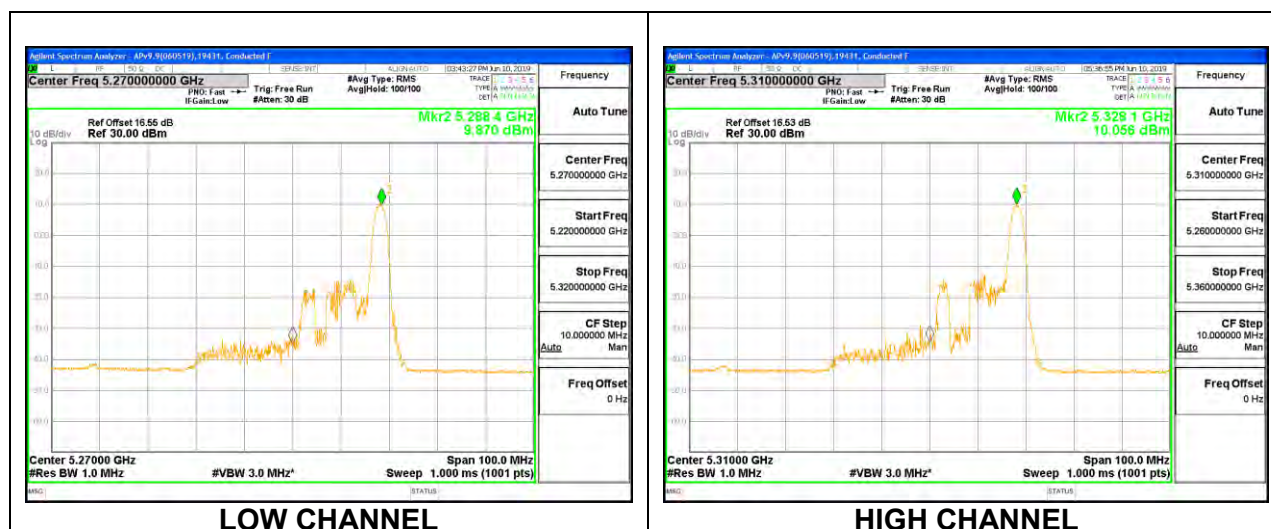
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.79	11.79	24.00	-12.21
High	5310	11.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	9.87	9.87	11.00	-1.13
High	5310	10.06	10.06	11.00	-0.94



2TX Antenna 6 + Antenna 5 OFDMA MODE – 484-Tones, RU Index 65 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	41.90	-4.07	-1.36	24.00	11.00
High	5310	42.10	-4.07	-1.36	24.00	11.00

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

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.98	19.99	23.00	24.00	-1.00
High	5310	15.36	15.44	18.41	24.00	-5.59

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.67	7.37	10.53	11.00	-0.47
High	5310	3.85	3.85	6.86	11.00	-4.14

The figure displays two side-by-side screenshots of a Agilent Spectrum Analyzer, showing the frequency response of two different antennas, labeled 'LOW CHANNEL ANTENNA 6' and 'LOW CHANNEL ANTENNA 5'.

Left Screenshot (Antenna 6):

- Center Freq:** 5.270000000 GHz
- Ref Offset:** 16.96 dB
- Ref:** 30.00 dBm
- Marker 2 (Mkr2):** 5.2739 GHz, 7.677 dBm
- Span:** 100.0 MHz
- Res BW:** 1.0 MHz
- Sweep:** 1.000 ms (1001 pts)
- CF Step:** 10.000000 MHz
- Freq Offset:** 0 Hz

Right Screenshot (Antenna 5):

- Center Freq:** 5.270000000 GHz
- Ref Offset:** 16.55 dB
- Ref:** 30.00 dBm
- Marker 2 (Mkr2):** 5.2745 GHz, 7.371 dBm
- Span:** 100.0 MHz
- Res BW:** 1.0 MHz
- Sweep:** 1.000 ms (1001 pts)
- CF Step:** 10.000000 MHz
- Freq Offset:** 0 Hz

The figure consists of two side-by-side screenshots of an Agilent Spectrum Analyzer interface, showing the frequency response of two different antennas.

Left Screenshot (HIGH CHANNEL ANTENNA 6):

- Header:** Agilent Spectrum Analyzer - AD9490(060519),19431, Conducted F
- Center Freq:** 5.310000000 GHz
- Ref Offset:** 16.94 dB
- Ref:** 30.00 dBm
- Marker:** Mkr2 5.308 0 GHz; 3.854 dBm
- Auto Tune:** Center Freq 5.310000000 GHz, Start Freq 5.260000000 GHz, Stop Freq 5.360000000 GHz, CF Step 10.000000 MHz, Freq Offset 0 Hz
- Plot:** A line graph showing the frequency response. The y-axis is labeled '10 dB/div' and 'Log'. The x-axis is labeled 'Span 100.0 MHz' and 'Sweep 1.000 ms (1001 pts)'. The plot shows a flat baseline at approximately -20 dBm, a sharp rise to a peak of about 17 dBm at 5.308 GHz, and a sharp fall back to the baseline.
- Bottom:** Center 5.31000 GHz, #Res BW 1.0 MHz, #VBW 3.0 MHz, Span 100.0 MHz, Sweep 1.000 ms (1001 pts)

Right Screenshot (HIGH CHANNEL ANTENNA 5):

- Header:** Agilent Spectrum Analyzer - AD9490(060519),19431, Conducted F
- Center Freq:** 5.310000000 GHz
- Ref Offset:** 16.53 dB
- Ref:** 30.00 dBm
- Marker:** Mkr2 5.312 8 GHz; 3.848 dBm
- Auto Tune:** Center Freq 5.310000000 GHz, Start Freq 5.260000000 GHz, Stop Freq 5.360000000 GHz, CF Step 10.000000 MHz, Freq Offset 0 Hz
- Plot:** A line graph showing the frequency response. The y-axis is labeled '10 dB/div' and 'Log'. The x-axis is labeled 'Span 100.0 MHz' and 'Sweep 1.000 ms (1001 pts)'. The plot shows a flat baseline at approximately -20 dBm, a sharp rise to a peak of about 17 dBm at 5.3128 GHz, and a sharp fall back to the baseline.
- Bottom:** Center 5.31000 GHz, #Res BW 1.0 MHz, #VBW 3.0 MHz, Span 100.0 MHz, Sweep 1.000 ms (1001 pts)

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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.60	-4.07	-1.36	24.00	11.00
High	5310	20.80	-4.07	-1.36	24.00	11.00

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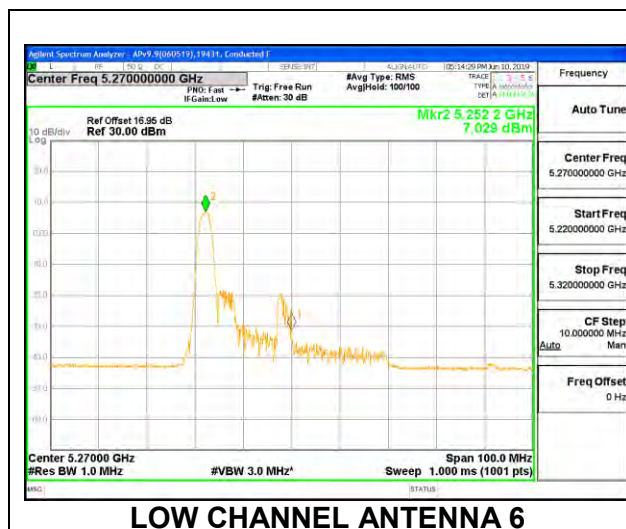
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.82	8.90	11.87	24.00	-12.13
High	5310	8.84	8.93	11.90	24.00	-12.10

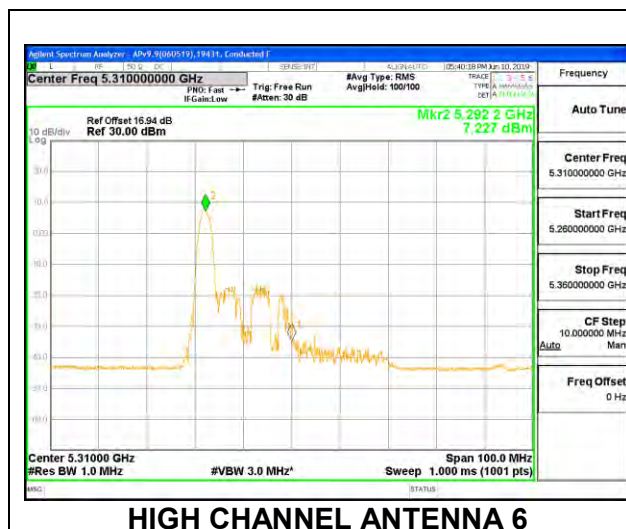
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	7.03	7.03	10.04	11.00	-0.96
High	5310	7.23	7.32	10.28	11.00	-0.72

LOW CHANNEL



HIGH CHANNEL



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	25.20	-4.07	-1.36	24.00	11.00
High	5310	22.90	-4.07	-1.36	24.00	11.00

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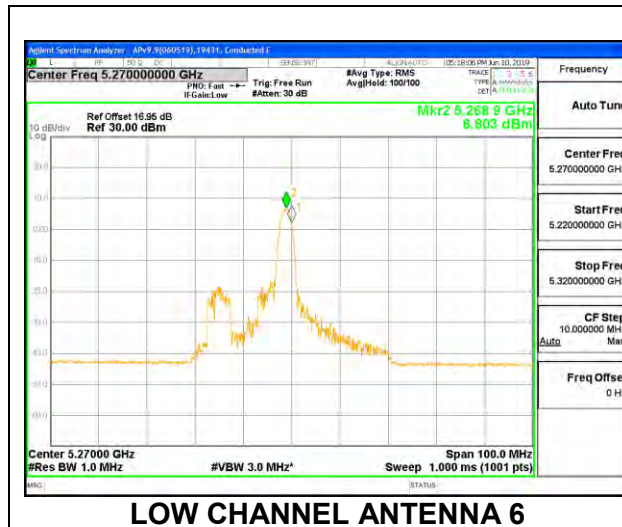
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.78	8.85	11.83	24.00	-12.17
High	5310	8.84	8.96	11.91	24.00	-12.09

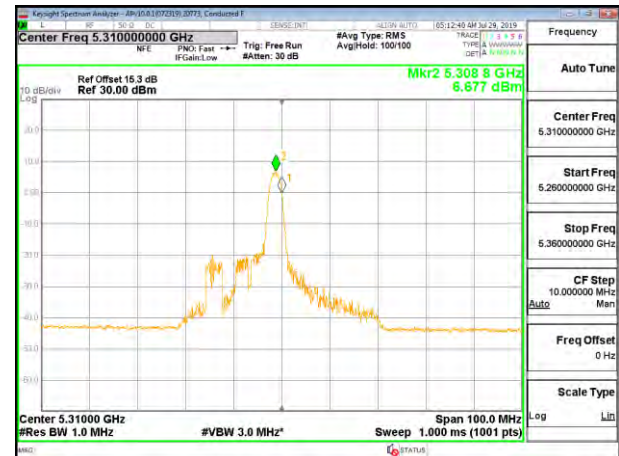
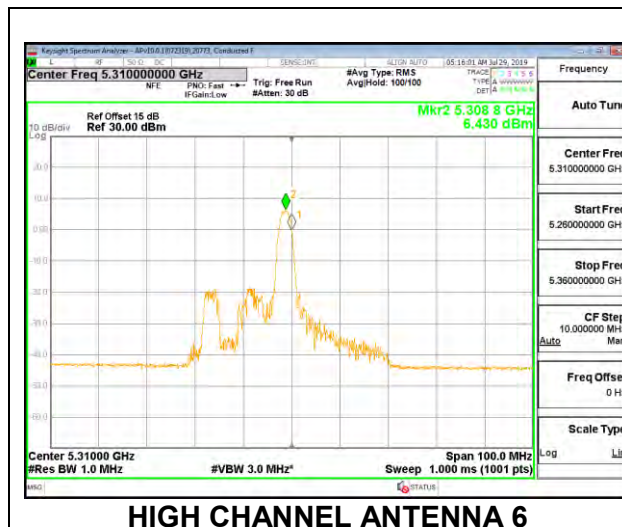
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.80	7.24	10.03	11.00	-0.97
High	5310	6.43	6.68	9.57	11.00	-1.43

LOW CHANNEL



HIGH CHANNEL



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	20.50	-4.07	-1.36	24.00	11.00
High	5310	20.60	-4.07	-1.36	24.00	11.00

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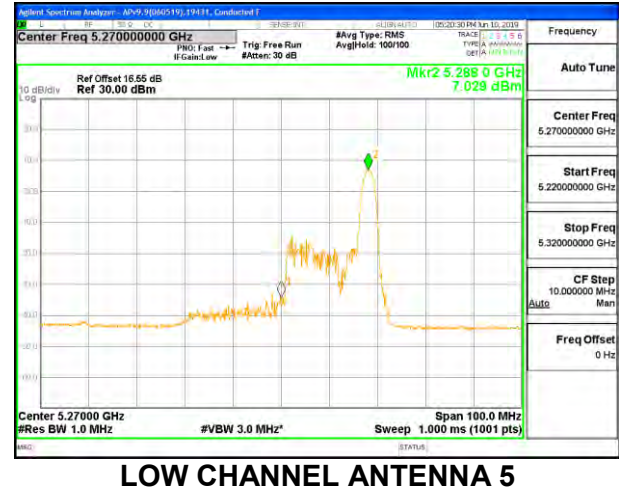
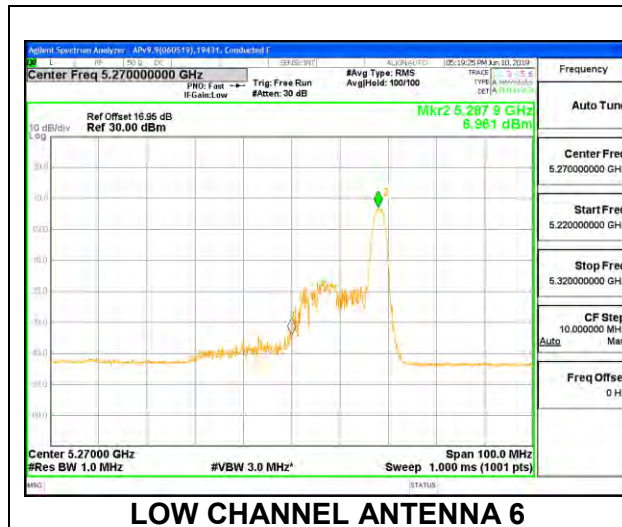
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	8.77	8.93	11.86	24.00	-12.14
High	5310	8.86	8.92	11.90	24.00	-12.10

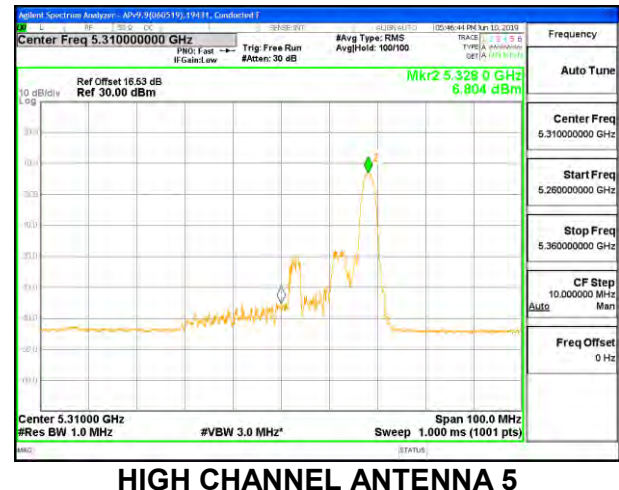
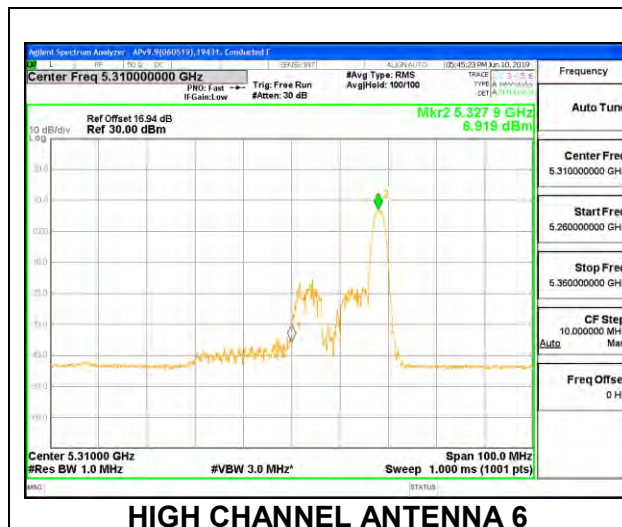
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.96	7.03	10.01	11.00	-0.99
High	5310	6.92	6.80	9.87	11.00	-1.13

LOW CHANNEL



HIGH CHANNEL



8.5.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE – 996-Tones, RU Index 67 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	85.20	-2.30	24.00	11.00

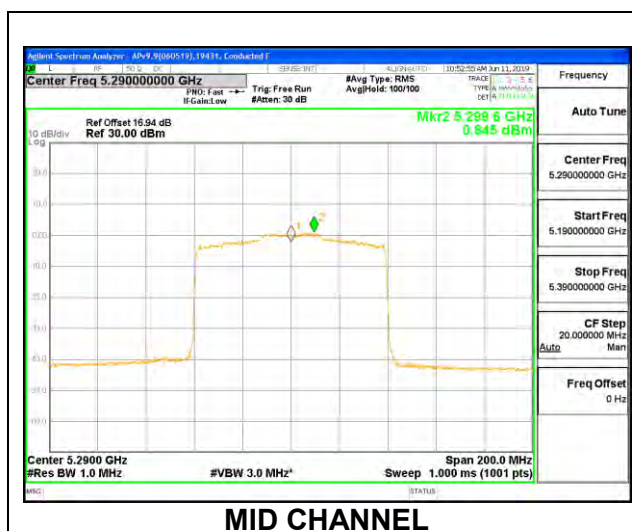
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.90	15.90	24.00	-8.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.85	0.97	11.00	-10.04



MID CHANNEL

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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	21.40	-2.30	24.00	11.00

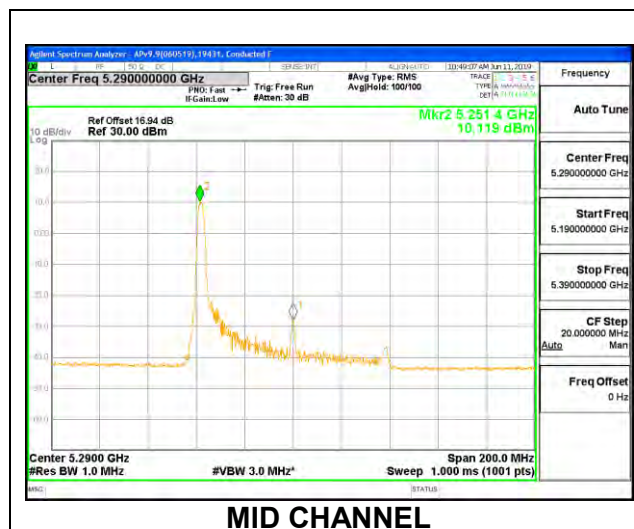
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.87	11.87	24.00	-12.13

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	10.12	10.12	11.00	-0.88



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	40.40	-2.30	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)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.96	11.96	24.00	-12.04

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.31	8.31	11.00	-2.69



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	22.00	-2.30	24.00	11.00

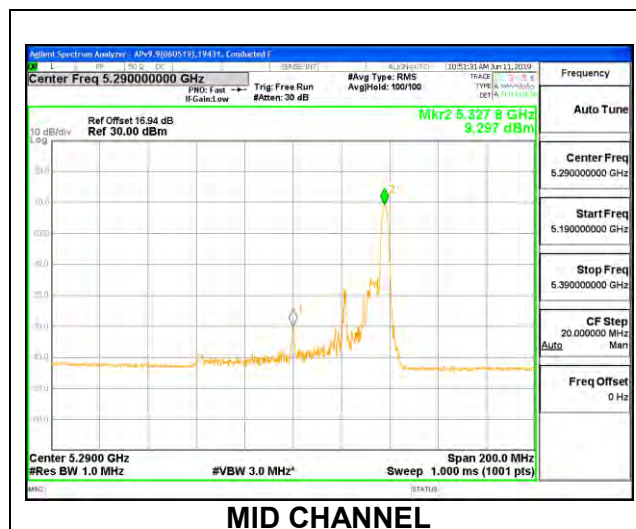
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.87	11.87	24.00	-12.13

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	9.30	9.30	11.00	-1.70



1TX Antenna 5 MODE – 996-Tones, RU Index 67 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	85.40	-7.10	24.00	11.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	15.89	15.89	24.00	-8.11

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.79	0.91	11.00	-10.09



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.20	-7.10	24.00	11.00

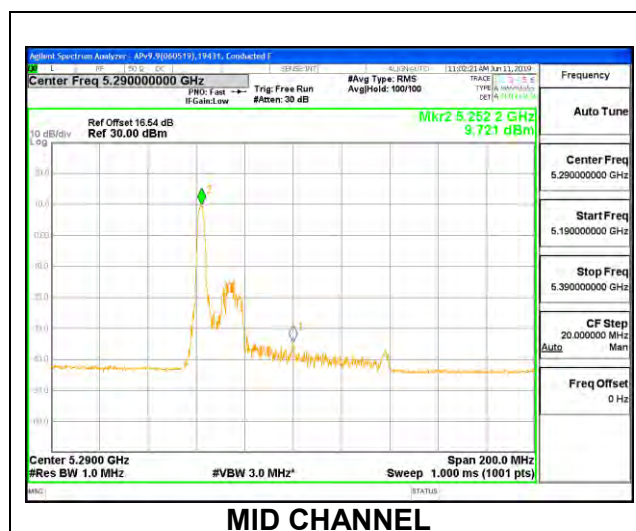
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.96	11.96	24.00	-12.04

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	9.72	9.72	11.00	-1.28



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	40.20	-7.10	24.00	11.00

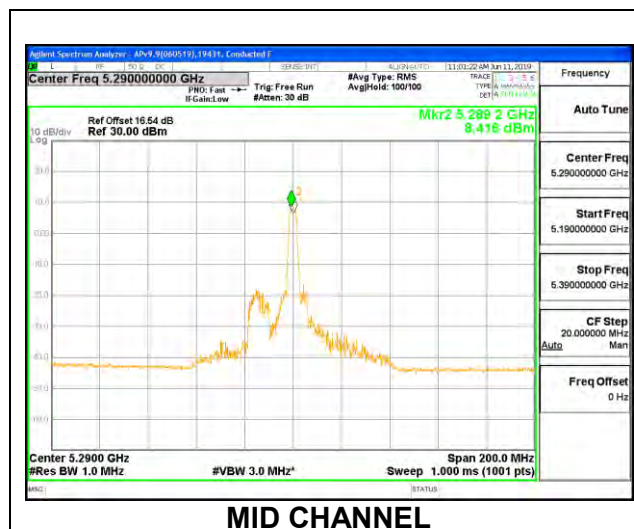
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.92	11.92	24.00	-12.08

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	8.42	8.42	11.00	-2.58



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	22.00	-7.10	24.00	11.00

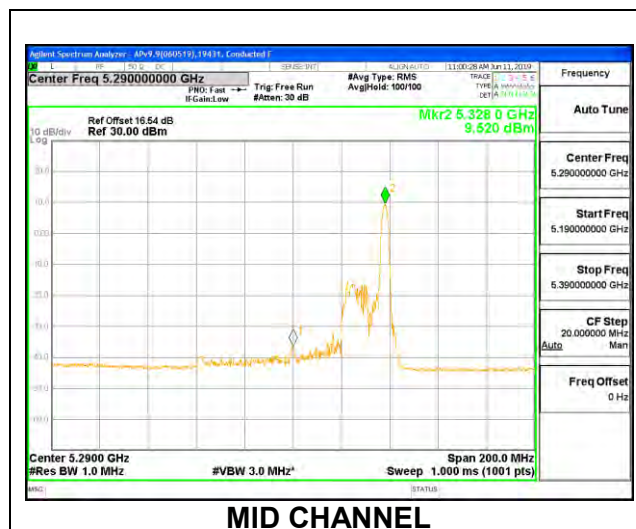
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.88	11.88	24.00	-12.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	9.52	9.52	11.00	-1.48



2TX Antenna 6 + Antenna 5 OFDMA MODE – 996-Tones, RU Index 67 (FCC)

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	85.00	-4.07	-1.30	24.00	11.00

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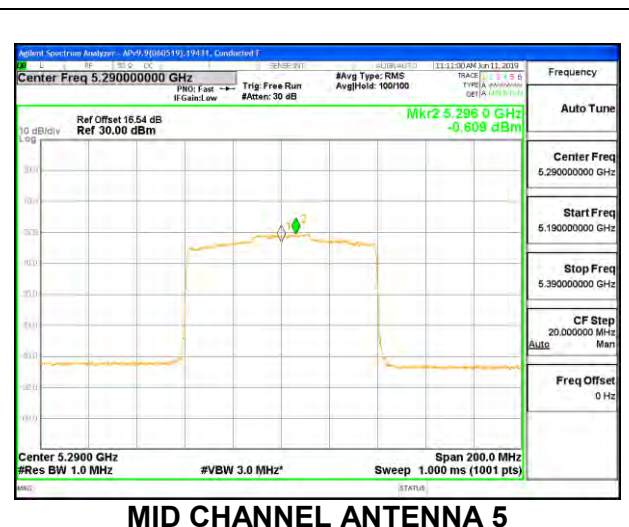
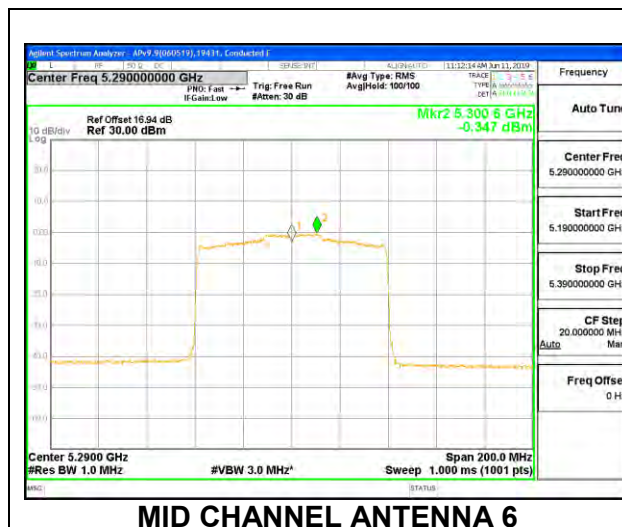
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	14.78	14.95	17.88	24.00	-6.12

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	-0.35	-0.61	2.63	11.00	-8.37

MID CHANNEL



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.80	-4.07	-1.36	24.00	11.00

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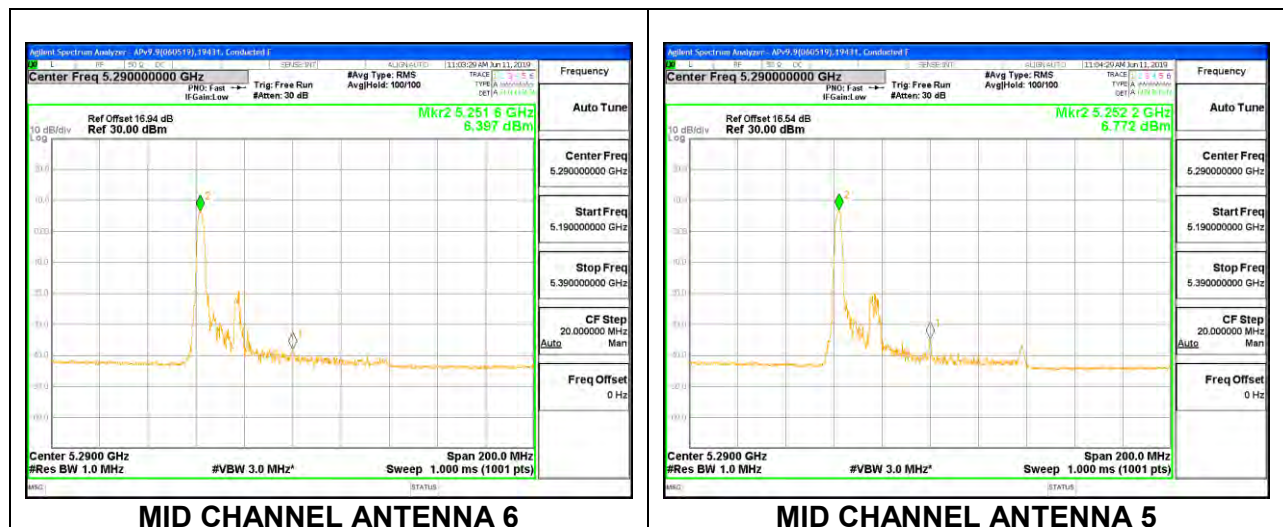
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.83	8.89	11.87	24.00	-12.13

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.40	6.77	9.60	11.00	-1.40

MID CHANNEL



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	38.60	-4.07	-1.36	24.00	11.00

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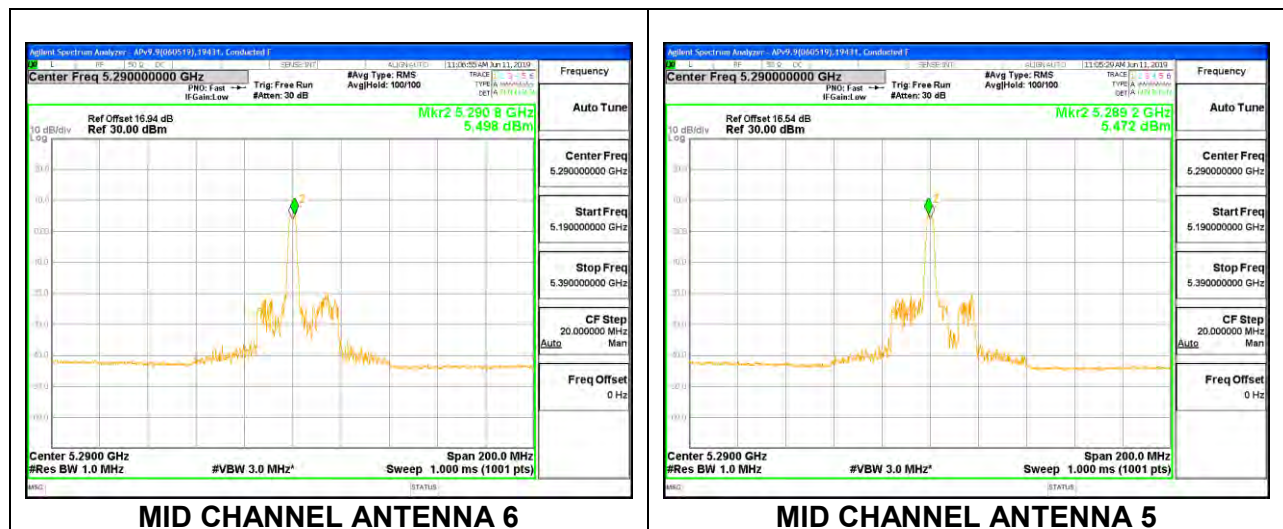
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.69	8.87	11.79	24.00	-12.21

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	5.50	5.47	8.50	11.00	-2.50

MID CHANNEL



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

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	20.60	-4.07	-1.36	24.00	11.00

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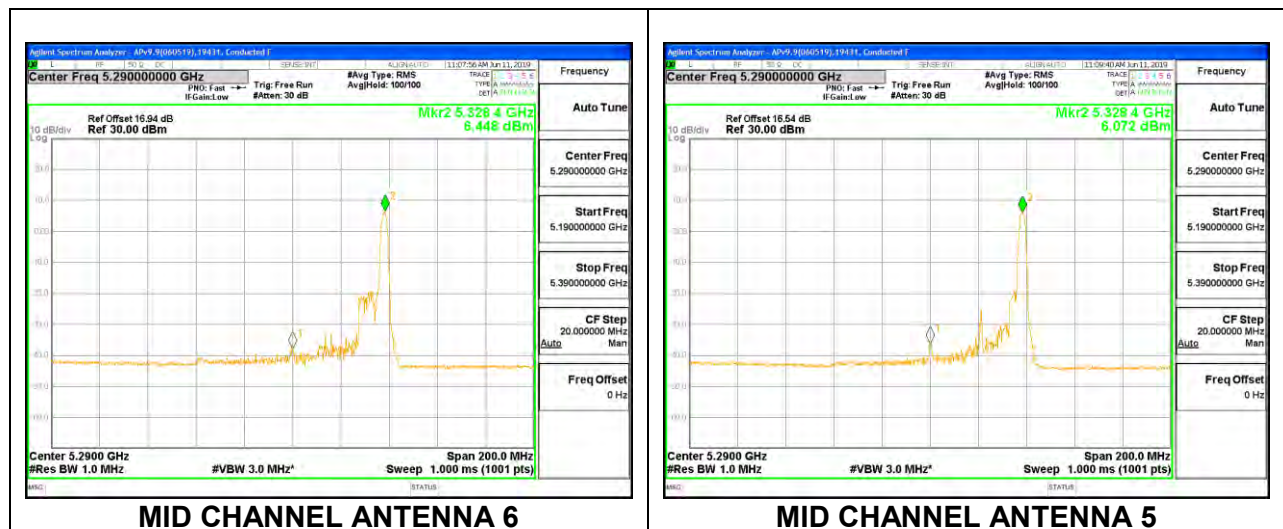
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	8.95	8.87	11.92	24.00	-12.08

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/1MHz)	Antenna 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	6.45	6.07	9.27	11.00	-1.73

MID CHANNEL



8.5.13. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC+IC)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	22.35	17.8170	-3.10
Mid	5580	22.35	17.7160	-3.10
High	5700	22.50	17.7870	-3.10
144	5720	16.23	13.8600	-3.10

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.51	29.51	23.51	11.00	11.00	11.00
Mid	5580	24.00	23.48	29.48	23.48	11.00	11.00	11.00
High	5700	24.00	23.50	29.50	23.50	11.00	11.00	11.00
144	5720	23.10	22.42	28.42	22.42	11.00	11.00	11.00

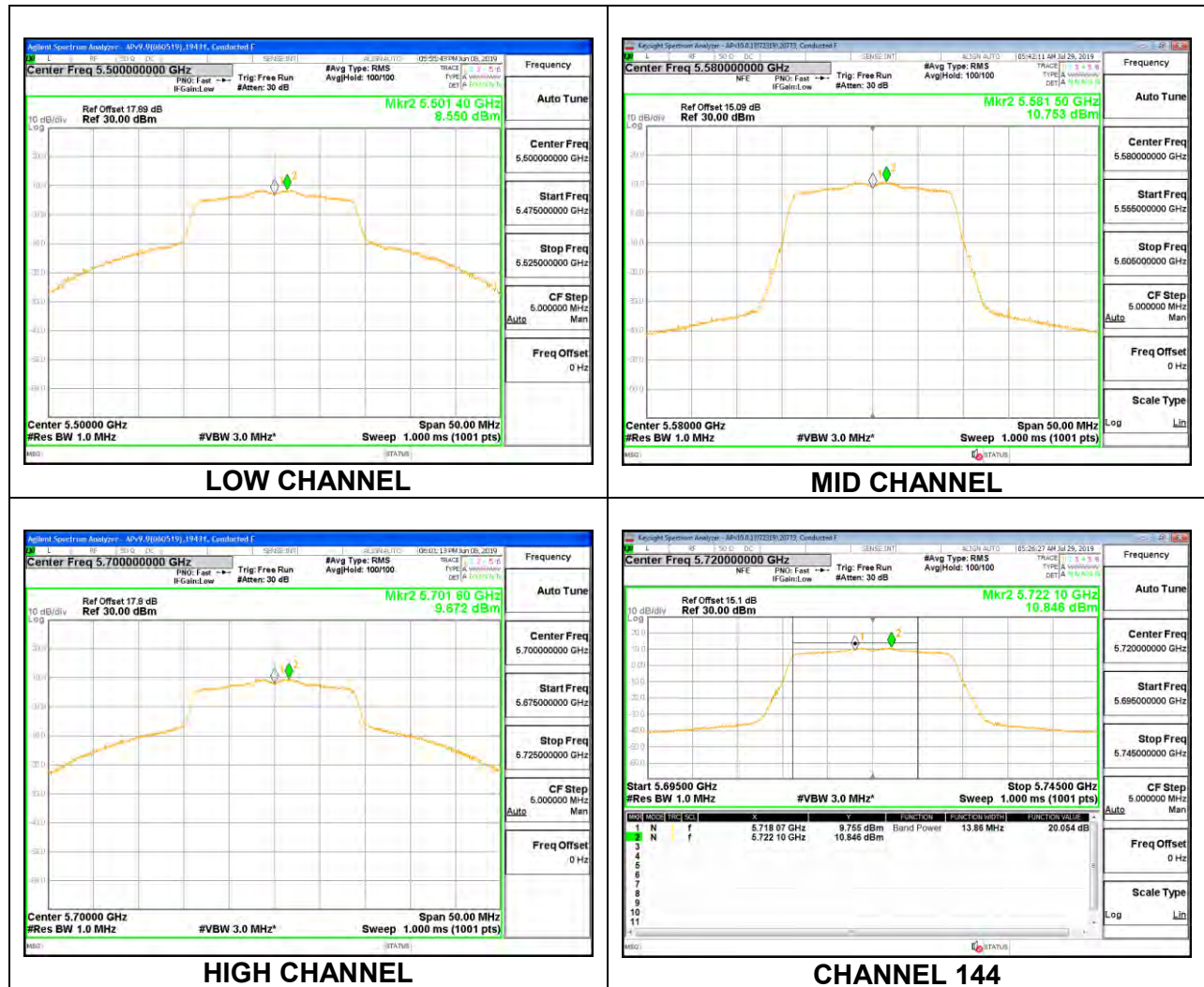
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.89	18.89	23.51	-4.62
Mid	5580	20.78	20.78	23.48	-2.70
High	5700	17.79	17.79	23.50	-5.71
144	5720	20.89	20.89	22.42	-1.53

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.55	8.55	11.00	-2.45
Mid	5580	10.75	10.75	11.00	-0.25
High	5700	9.67	9.67	11.00	-1.33
144	5720	10.85	10.85	11.00	-0.15



1TX Antenna 5 MODE (FCC+IC)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	22.55	17.7660	-5.60
Mid	5580	22.45	17.7880	-5.60
High	5700	22.35	17.7400	-5.60
144	5720	16.28	13.8900	-5.60

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.50	29.50	23.50	11.00	11.00	11.00
Mid	5580	24.00	23.50	29.50	23.50	11.00	11.00	11.00
High	5700	24.00	23.49	29.49	23.49	11.00	11.00	11.00
144	5720	23.12	22.43	28.43	22.43	11.00	11.00	11.00

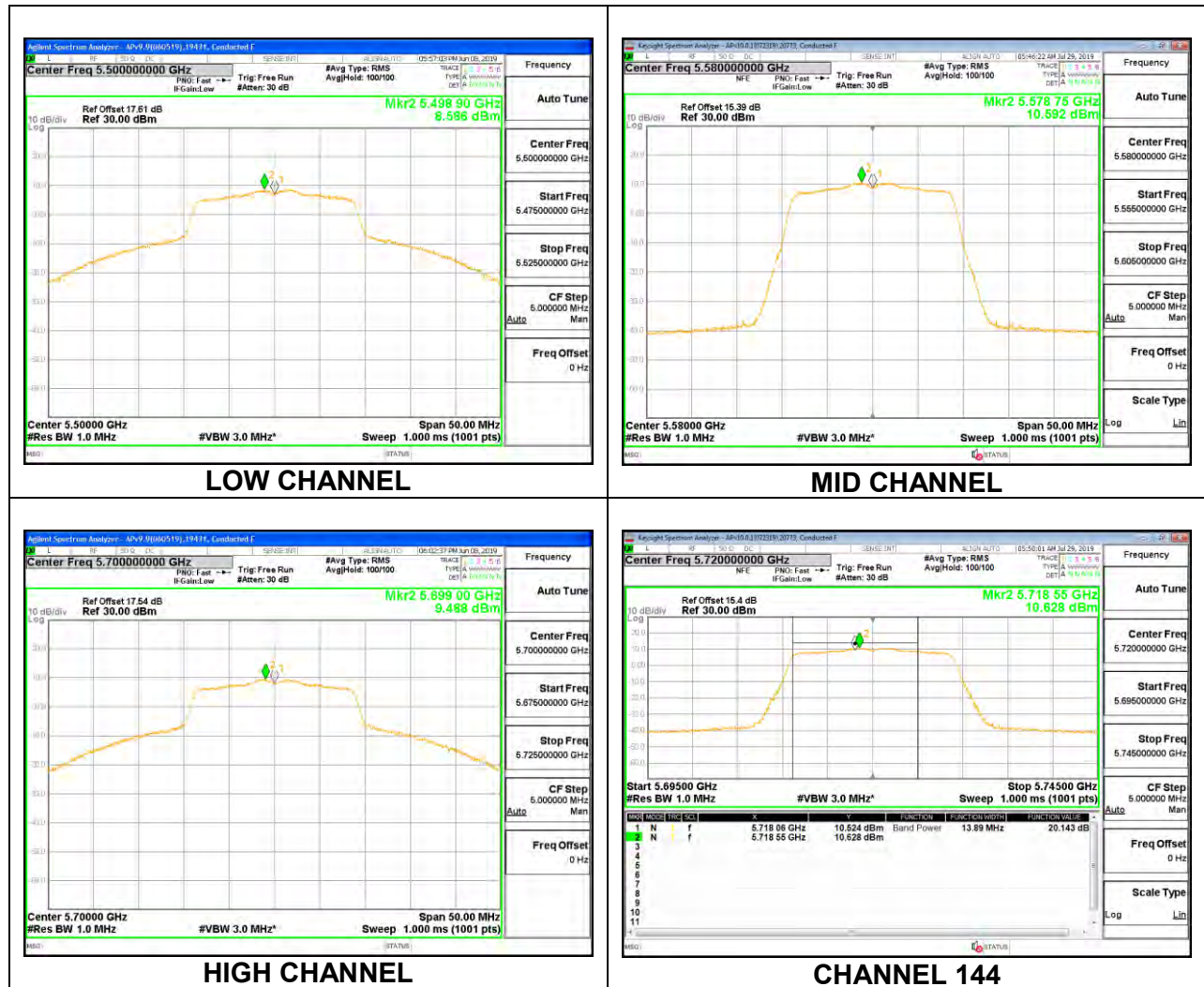
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.91	18.91	23.50	-4.59
Mid	5580	20.77	20.77	23.50	-2.73
High	5700	17.94	17.94	23.49	-5.55
144	5720	20.87	20.87	22.43	-1.56

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.59	8.59	11.00	-2.41
Mid	5580	10.59	10.59	11.00	-0.41
High	5700	9.49	9.49	11.00	-1.51
144	5720	10.63	10.63	11.00	-0.37



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	22.05	17.7340	-4.17	-1.25
Mid	5580	22.00	17.7210	-4.17	-1.25
High	5700	22.00	17.8230	-4.17	-1.25
144	5720	15.98	13.8600	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	24.00	23.49	29.49	23.49	11.00	11.00	11.00
Mid	5580	24.00	23.48	29.48	23.48	11.00	11.00	11.00
High	5700	24.00	23.51	29.51	23.51	11.00	11.00	11.00
144	5720	23.04	22.42	28.42	22.42	11.00	11.00	11.00

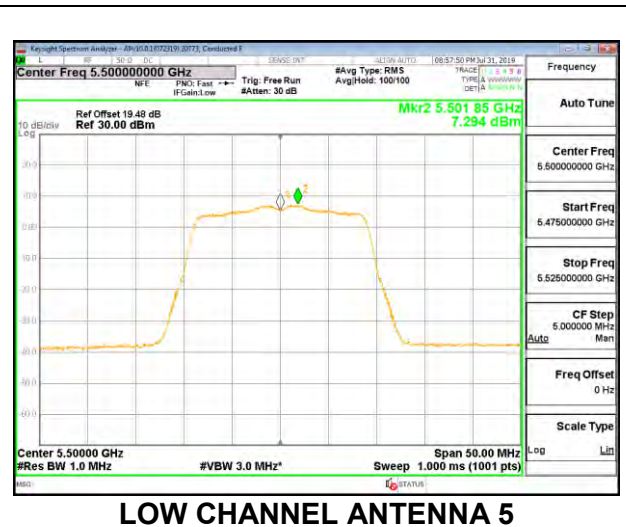
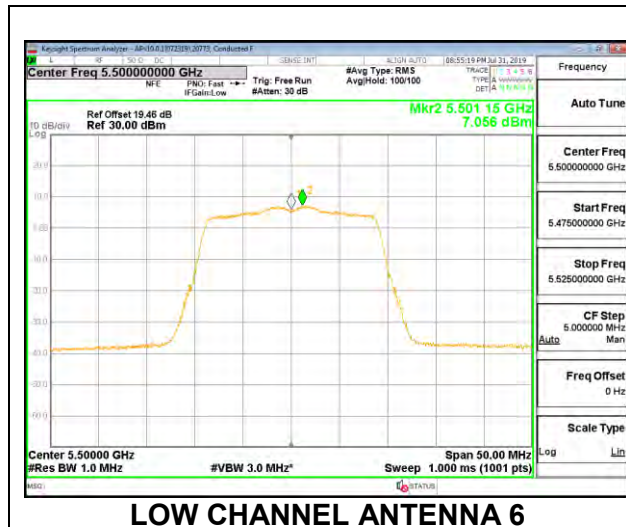
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

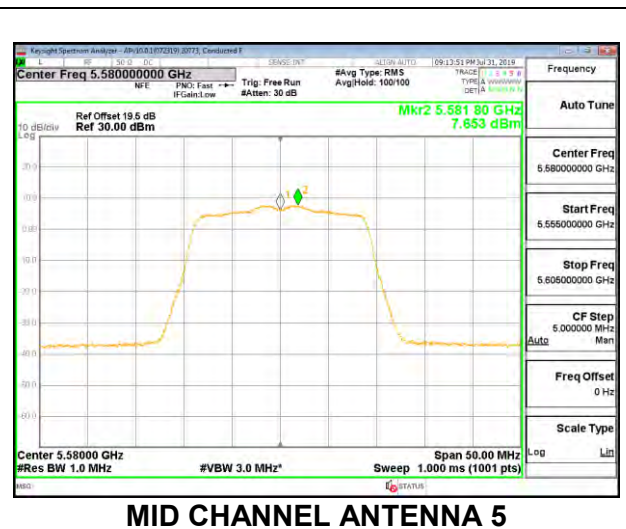
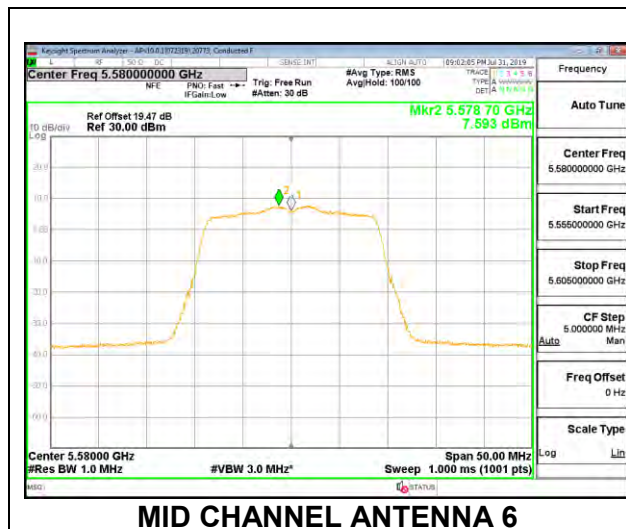
Channel	Frequency (MHz)	Antenna Meas Power (dBm)	Antenna Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.79	17.82	20.82	23.49	-2.67
Mid	5580	17.88	17.94	20.92	23.48	-2.56
High	5700	17.23	17.39	20.32	23.51	-3.19
144	5720	17.77	17.82	20.81	22.42	-1.61

PSD Results

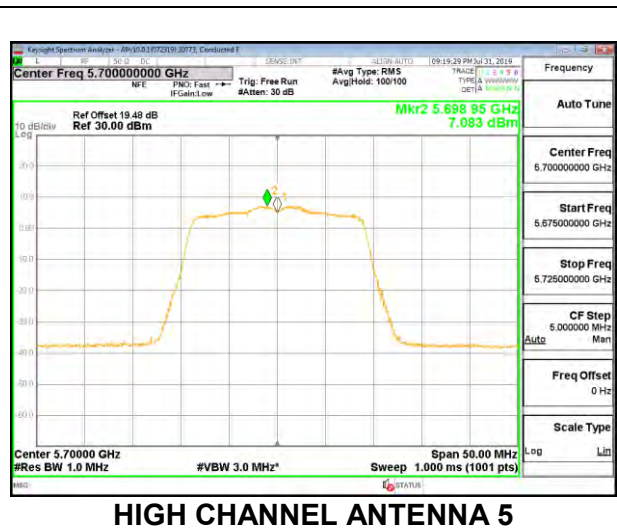
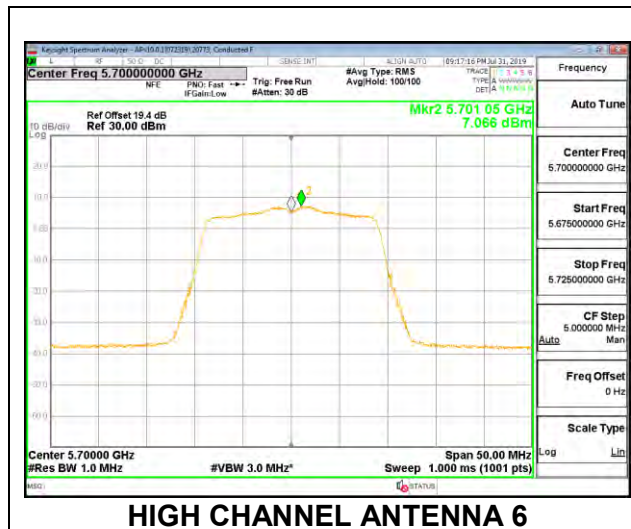
Channel	Frequency (MHz)	Antenna Meas PSD (dBm/ 1MHz)	Antenna Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	7.06	7.29	10.187	11.00	-0.81
Mid	5580	7.59	7.65	10.633	11.00	-0.37
High	5700	7.07	7.08	10.085	11.00	-0.92
144	5720	7.69	7.77	10.737	11.00	-0.26



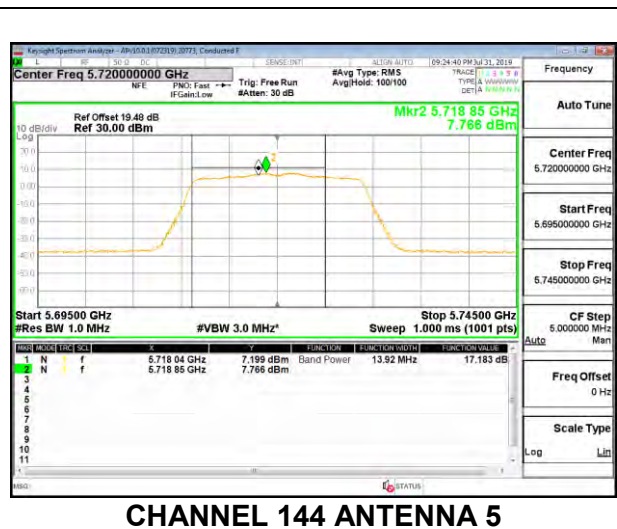
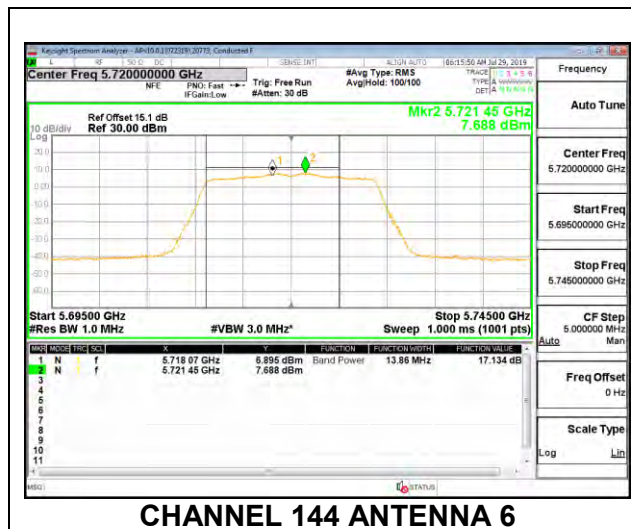
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



8.5.14. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC+IC)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	42.40	36.1550	-3.10
Mid	5550	42.20	36.1820	-3.10
High	5670	42.40	36.3030	-3.10
142	5710	42.30	36.3180	-3.10

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

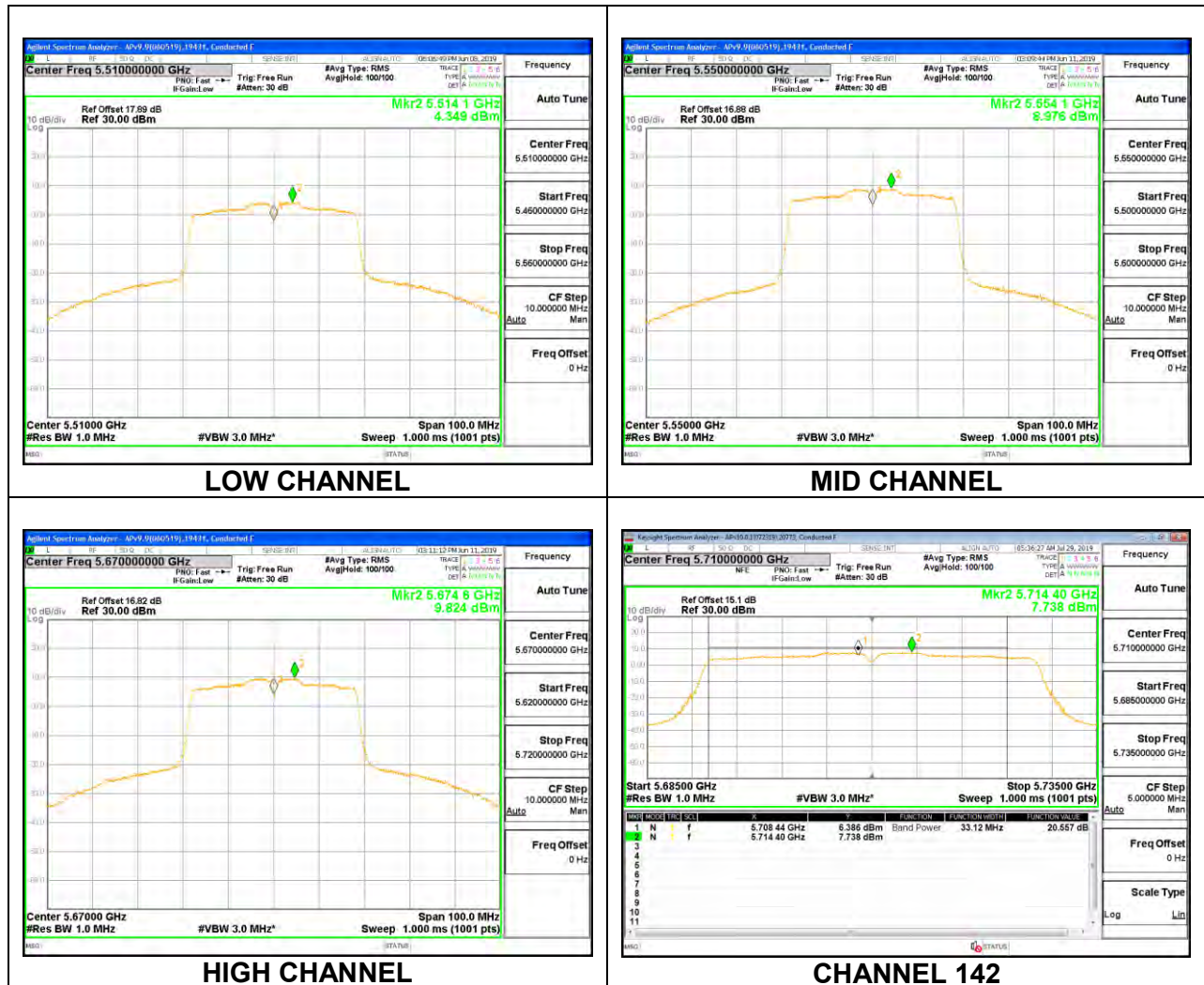
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.45	17.45	24.00	-6.55
Mid	5550	20.89	20.89	24.00	-3.11
High	5670	20.23	20.23	24.00	-3.77
142	5710	20.78	20.78	24.00	-3.22

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.35	4.47	11.00	-6.53
Mid	5550	8.98	9.10	11.00	-1.90
High	5670	9.82	9.94	11.00	-1.06
142	5710	7.74	7.86	11.00	-3.14



1TX Antenna 5 MODE (FCC+IC)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	42.40	36.0750	-5.60
Mid	5550	42.60	36.1860	-5.60
High	5670	42.40	36.3070	-5.60
142	5710	42.70	36.2270	-5.60

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

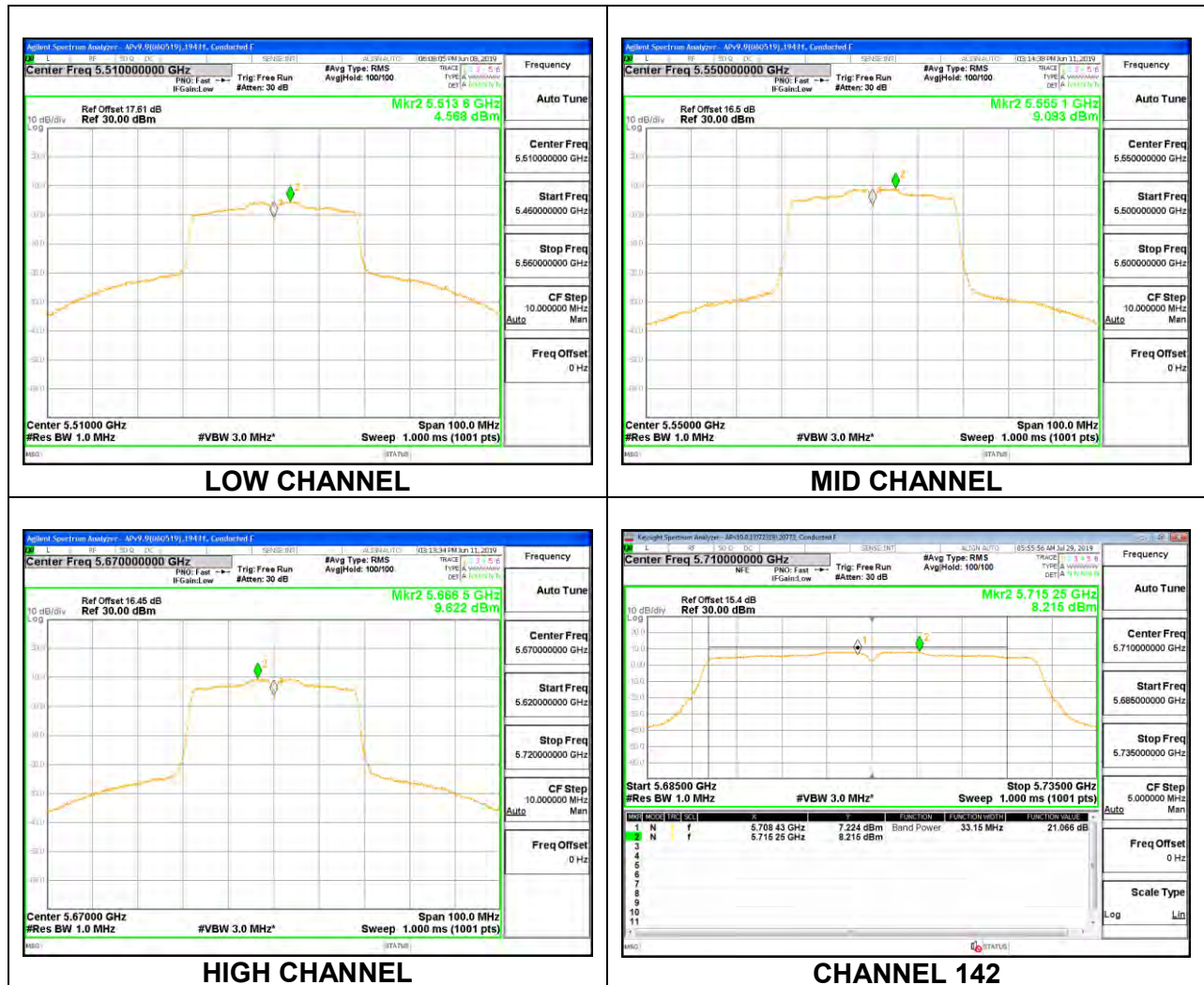
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.45	17.45	24.00	-6.55
Mid	5550	21.19	21.19	24.00	-2.81
High	5670	20.44	20.44	24.00	-3.56
142	5710	21.26	21.26	24.00	-2.74

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.57	4.69	11.00	-6.31
Mid	5550	9.09	9.21	11.00	-1.79
High	5670	9.62	9.74	11.00	-1.26
142	5710	8.22	8.34	11.00	-2.67



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	42.20	36.1760	-4.17	-1.25
Mid	5550	42.60	36.2070	-4.17	-1.25
High	5670	42.20	36.1330	-4.17	-1.25
142	5710	41.90	36.1380	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

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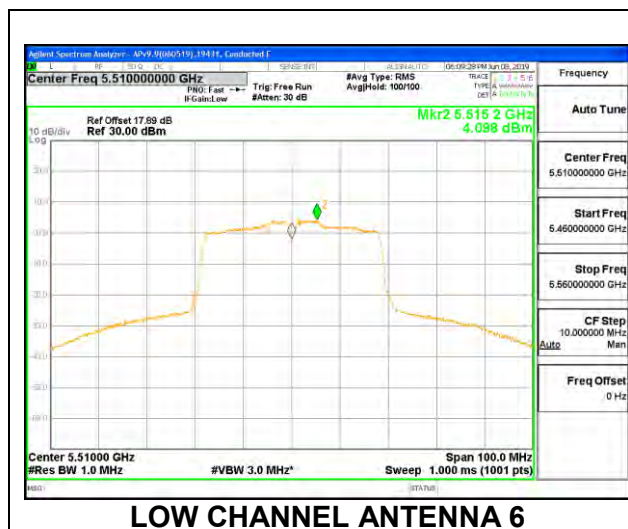
Output Power Results

Channel	Frequency (MHz)	Antenna Meas Power (dBm)	Antenna Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.77	16.85	19.82	24.00	-4.18
Mid	5550	19.79	19.88	22.85	24.00	-1.15
High	5670	19.93	19.97	22.96	24.00	-1.04
142	5710	19.78	19.81	22.81	24.00	-1.19

PSD Results

Channel	Frequency (MHz)	Antenna Meas PSD (dBm/ 1MHz)	Antenna Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.10	4.33	7.32	11.00	-3.68
Mid	5550	7.16	6.95	10.16	11.00	-0.84
High	5670	7.43	7.37	10.50	11.00	-0.50
142	5710	6.73	6.74	9.83	11.00	-1.17

LOW CHANNEL

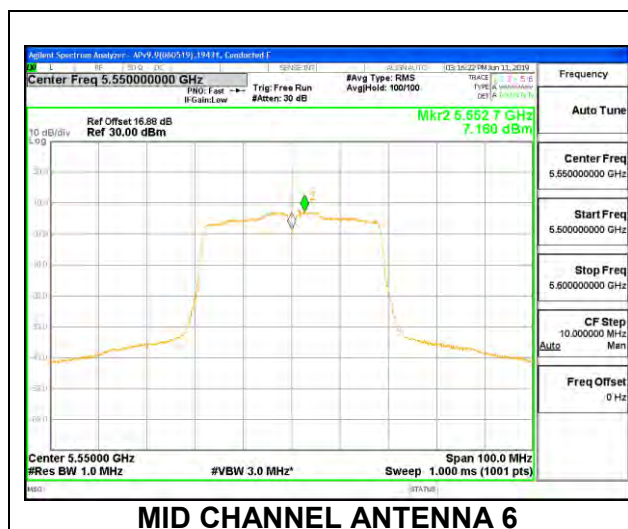


LOW CHANNEL ANTENNA 6



LOW CHANNEL ANTENNA 5

MID CHANNEL



MID CHANNEL ANTENNA 6



MID CHANNEL ANTENNA 5