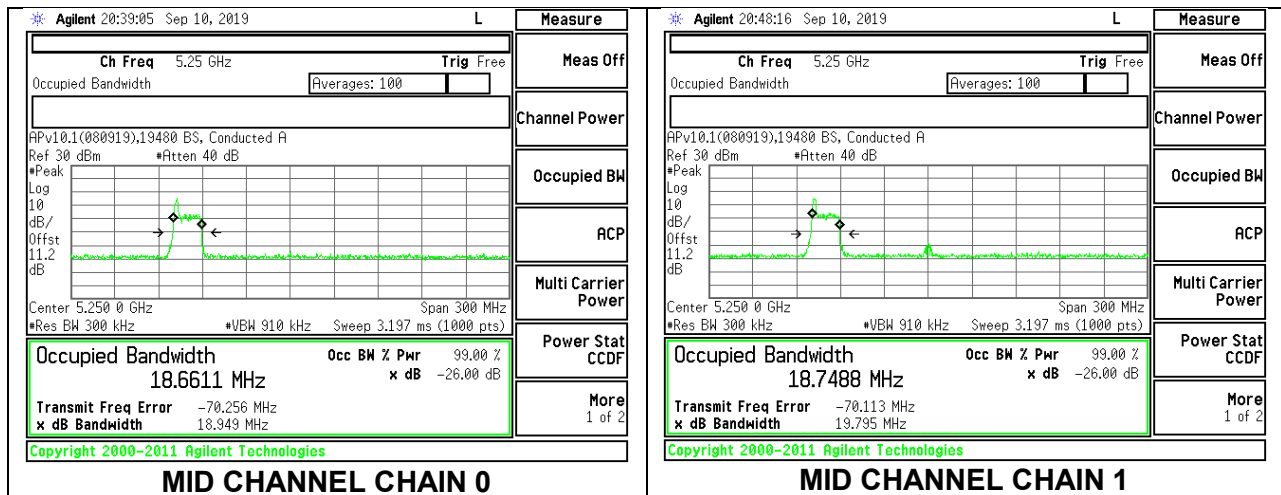
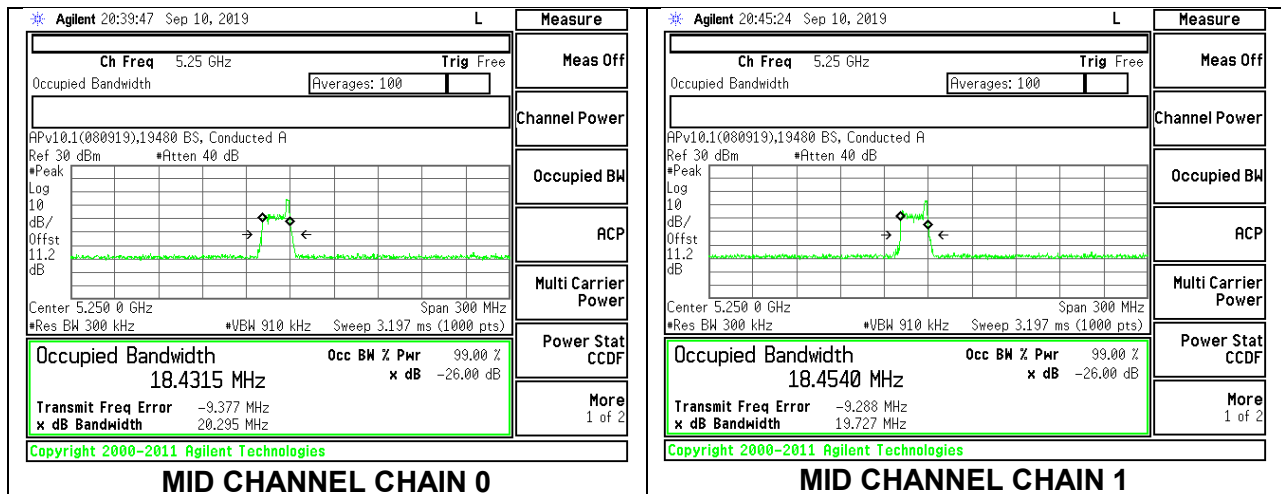


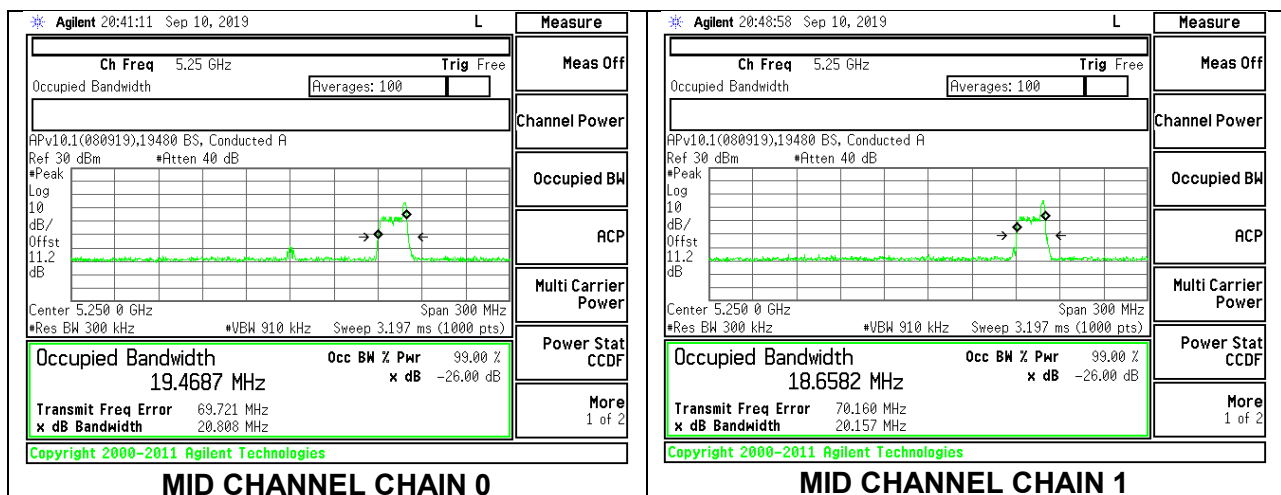
26-Tones, RU Index 0



26-Tones, RU Index 36



26-Tones, RU Index S36



8.4. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz

For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

RSS-247

Band 5.15-5.25 GHz

The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

Band 5.25-5.35 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Bands 5.47-5.6 GHz and 5.65-5.725 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Band 5.725-5.85 GHz

The maximum conducted output power shall not exceed 1 W. The power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple colocated transmitters transmitting the same information.

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G) and for straddles channels KDB 789033 D02 v02r01, Section E.2.b (Method SA-1) was used.

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

DIRECTIONAL ANTENNA GAIN

For 2 TX:

Tx chains are uncorrelated for power and PSD due to the device supporting SDM in all 11ax MIMO modes. The directional gains are as follows:

Band (GHz)	Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
5.2	6.00	3.00	4.75
5.3	7.80	3.50	6.16
5.6	8.00	4.00	6.45
5.8	8.30	4.60	6.83

RESULTS

8.4.1. 802.11ax HE20 MODE IN THE 5.2 GHz BAND (FCC+IC)

2TX Chain 0 + Chain 1 OFDMA MODE – SU MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5180	18.951	4.75	4.75
Mid	5200	18.971	4.75	4.75
High	5240	19.011	4.75	4.75

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	24.00	22.78	18.03	18.03	11.00	10.00	5.25
Mid	5200	24.00	22.78	18.03	18.03	11.00	10.00	5.25
High	5240	24.00	22.79	18.04	18.04	11.00	10.00	5.25

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	13.64	13.15	16.41	18.03	-1.61
Mid	5200	13.71	13.05	16.40	18.03	-1.63
High	5240	13.55	13.17	16.37	18.04	-1.67

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 61

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5180	18.972	4.75	4.75
Mid	5200	18.992	4.75	4.75
High	5240	18.997	4.75	4.75

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	24.00	22.78	18.03	18.03	11.00	10.00	5.25
Mid	5200	24.00	22.79	18.04	18.04	11.00	10.00	5.25
High	5240	24.00	22.79	18.04	18.04	11.00	10.00	5.25

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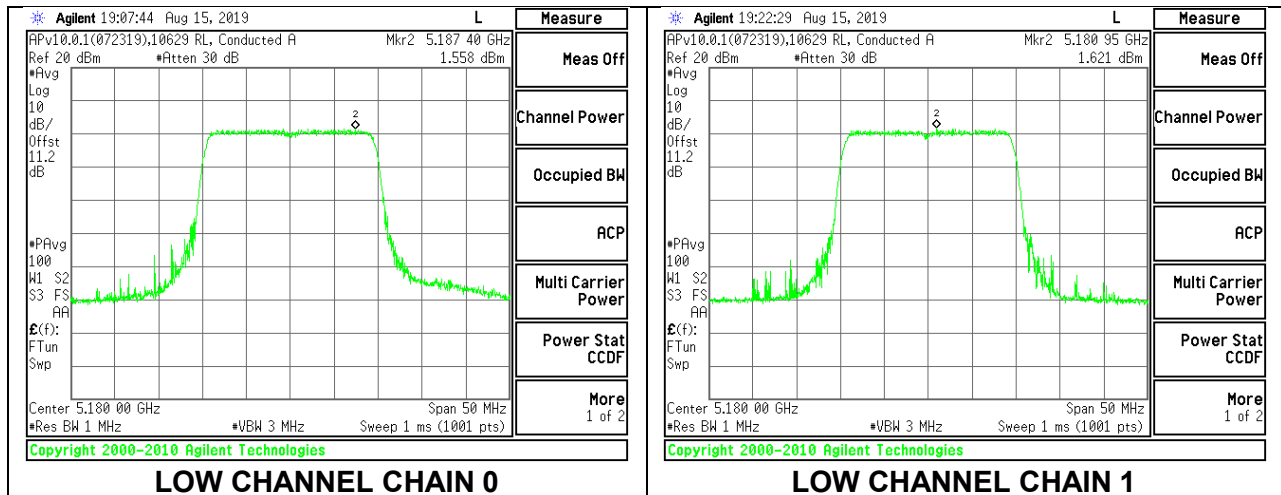
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	13.66	13.24	16.47	18.03	-1.57
Mid	5200	13.95	13.69	16.83	18.04	-1.20
High	5240	13.85	13.34	16.61	18.04	-1.42

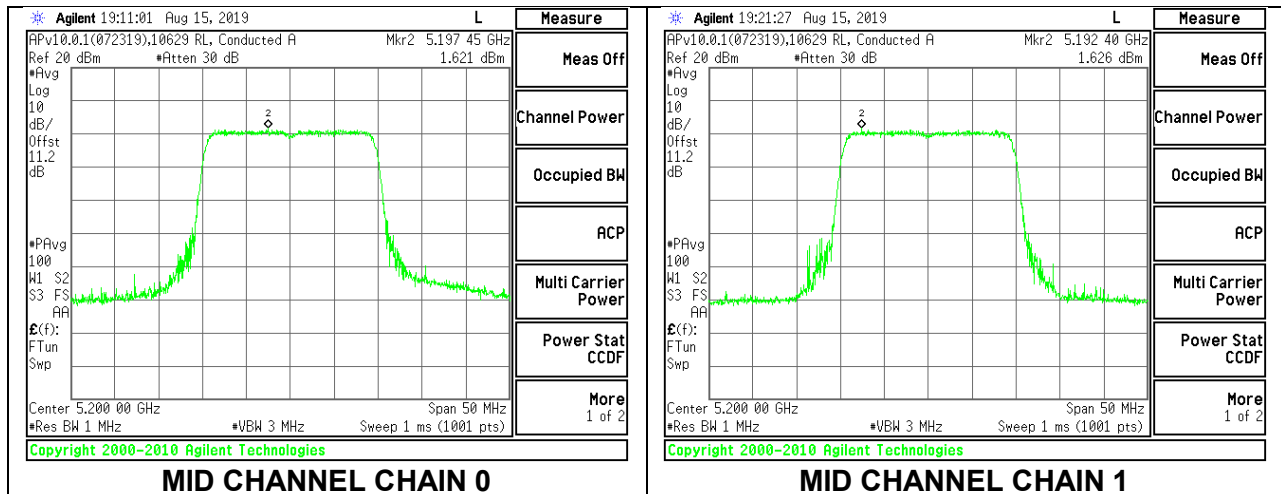
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	1.558	1.621	4.60	5.25	-0.65
Mid	5200	1.621	1.626	4.63	5.25	-0.62
High	5240	1.750	1.467	4.62	5.25	-0.63

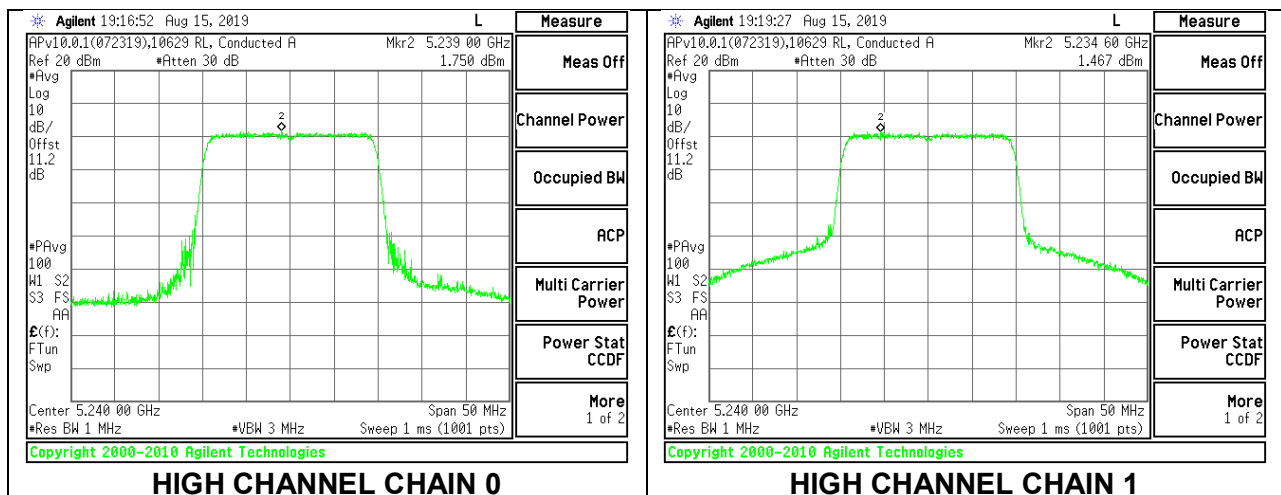
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low / RU53	5180	18.034	4.75	4.75
Mid / RU53	5200	18.165	4.75	4.75
High / RU54	5240	18.251	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low / RU53	5180	24.00	22.56	17.81	17.81	11.00	10.00	5.25
Mid / RU53	5200	24.00	22.59	17.84	17.84	11.00	10.00	5.25
High / RU54	5240	24.00	22.61	17.86	17.86	11.00	10.00	5.25

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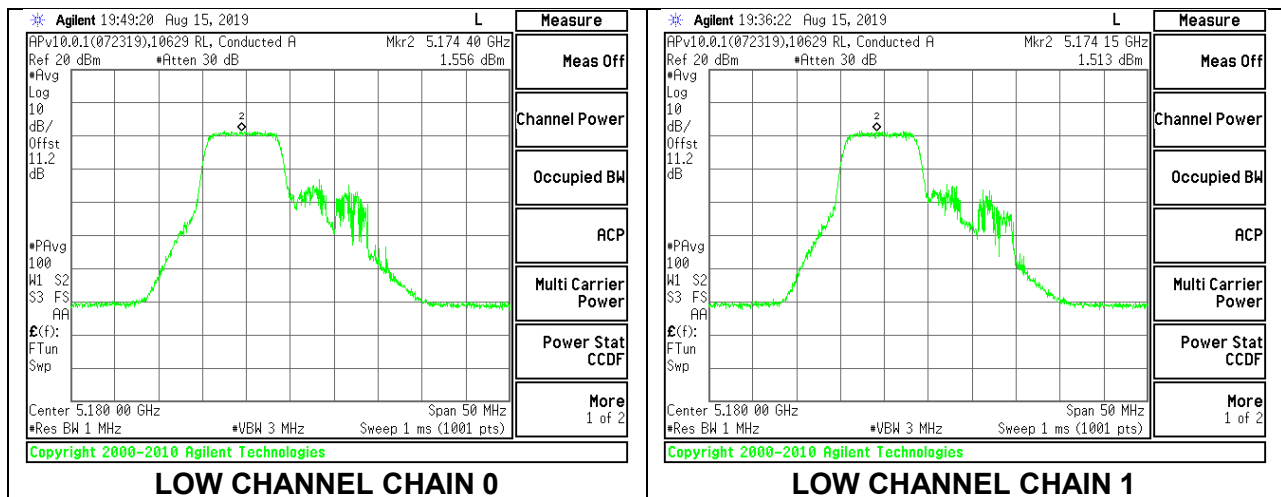
Output Power Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU53	5180	10.99	10.23	13.64	17.81	-4.17
Mid / RU53	5200	10.74	10.06	13.42	17.84	-4.42
High / RU54	5240	10.76	9.89	13.36	17.86	-4.51

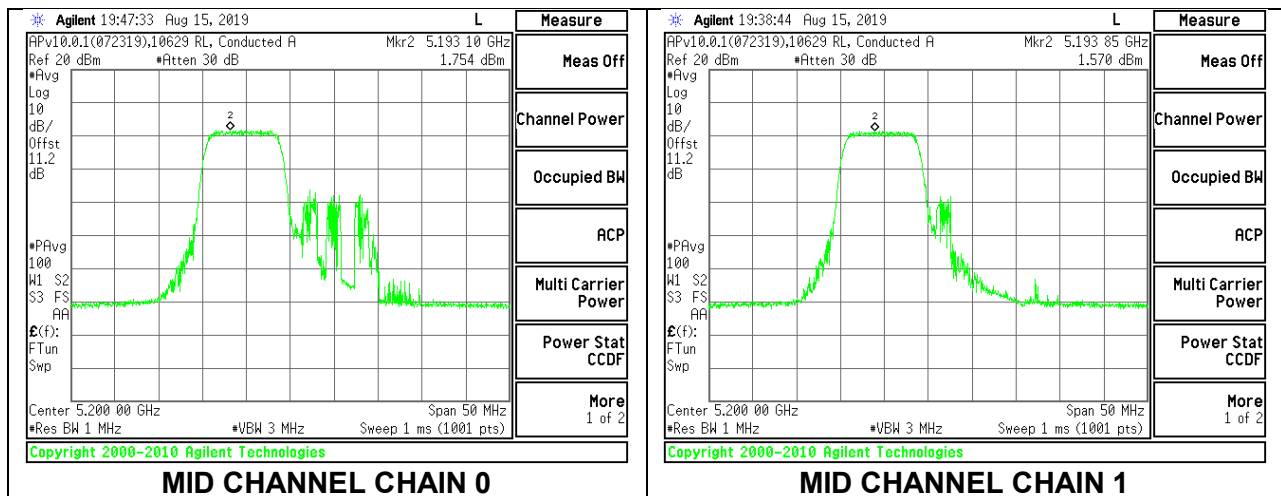
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU53	5180	1.556	1.513	4.54	5.25	-0.71
Mid / RU53	5200	1.754	1.570	4.67	5.25	-0.58
High / RU54	5240	1.624	1.686	4.67	5.25	-0.58

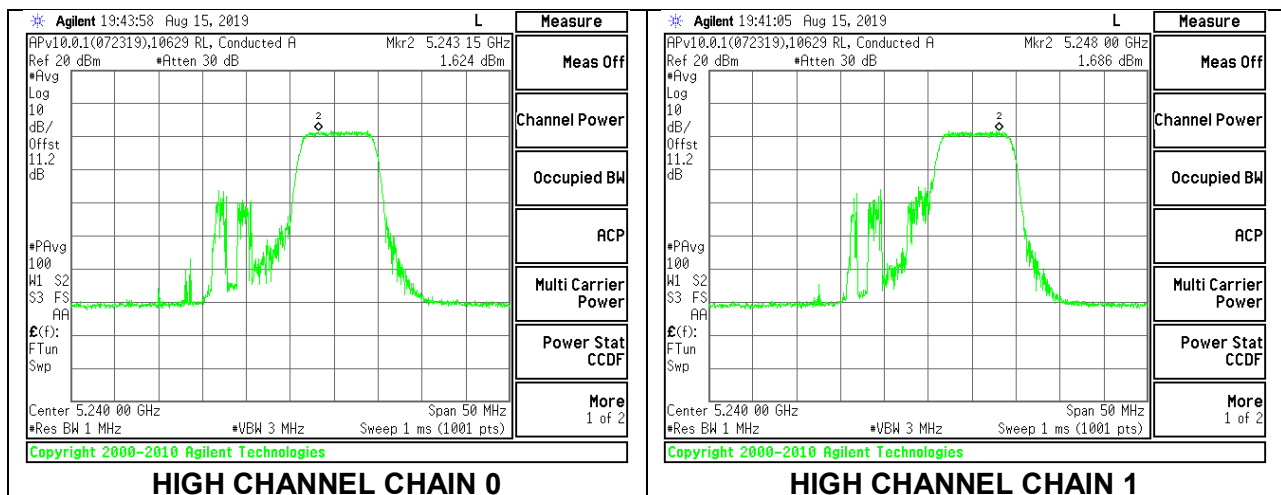
RU Index 53



RU Index 53



RU Index 54



2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low / RU37	5180	18.262	4.75	4.75
Mid / RU38	5200	17.164	4.75	4.75
High / RU40	5240	18.276	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low / RU37	5180	24.00	22.62	17.87	17.87	11.00	10.00	5.25
Mid / RU38	5200	24.00	22.35	17.60	17.60	11.00	10.00	5.25
High / RU40	5240	24.00	22.62	17.87	17.87	11.00	10.00	5.25

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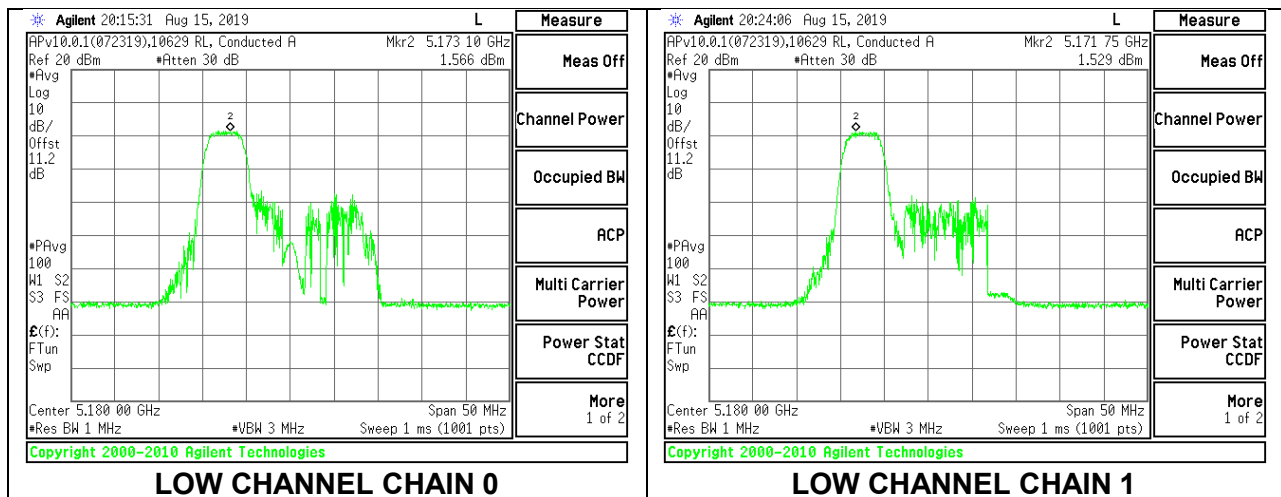
Output Power Results

Channel / Ru Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU37	5180	8.22	8.03	11.14	17.87	-6.73
Mid / RU38	5200	8.14	7.86	11.01	17.60	-6.58
High / RU40	5240	8.08	7.92	11.01	17.87	-6.86

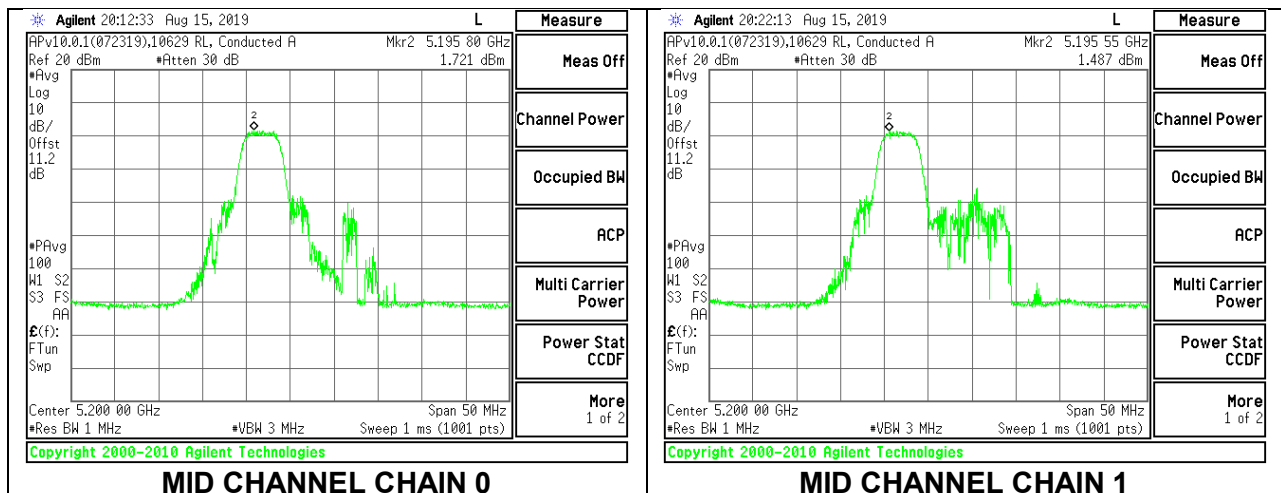
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU37	5180	1.566	1.529	4.56	5.25	-0.69
Mid / RU38	5200	1.721	1.487	4.62	5.25	-0.63
High / RU40	5240	1.610	1.651	4.64	5.25	-0.61

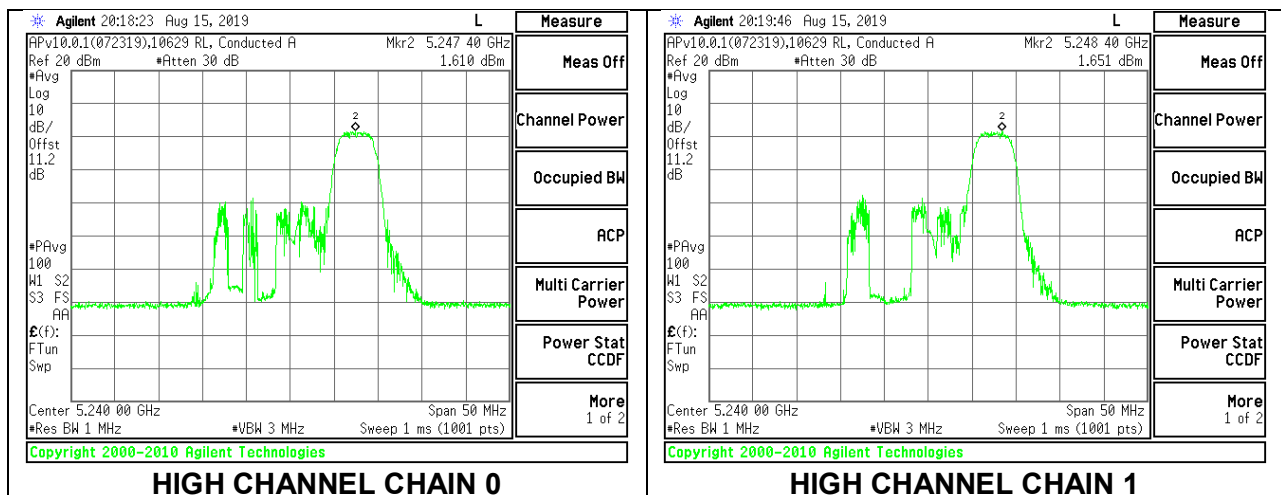
RU Index 37



RU Index 38



RU Index 40



2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low / RU0	5180	18.424	4.75	4.75
Mid / RU4	5200	17.178	4.75	4.75
High / RU8	5240	18.364	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low / RU0	5180	24.00	22.65	17.90	17.90	11.00	10.00	5.25
Mid / RU4	5200	24.00	22.35	17.60	17.60	11.00	10.00	5.25
High / RU8	5240	24.00	22.64	17.89	17.89	11.00	10.00	5.25

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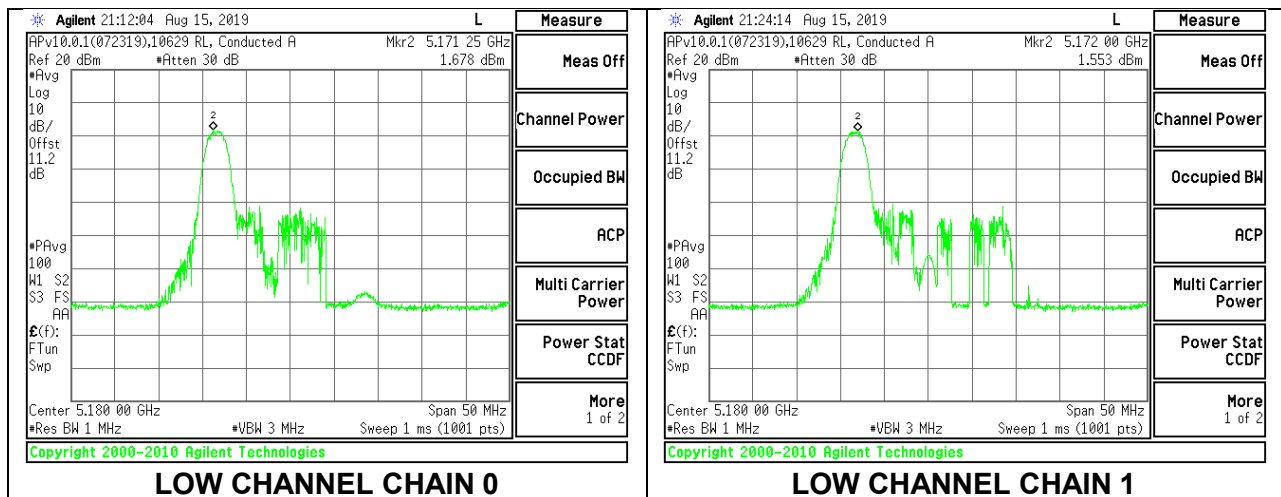
Output Power Results

Channel / Ru Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU0	5180	5.56	5.30	8.44	17.90	-9.46
Mid / RU4	5200	5.42	5.16	8.30	17.60	-9.30
High / RU8	5240	5.62	5.31	8.48	17.89	-9.41

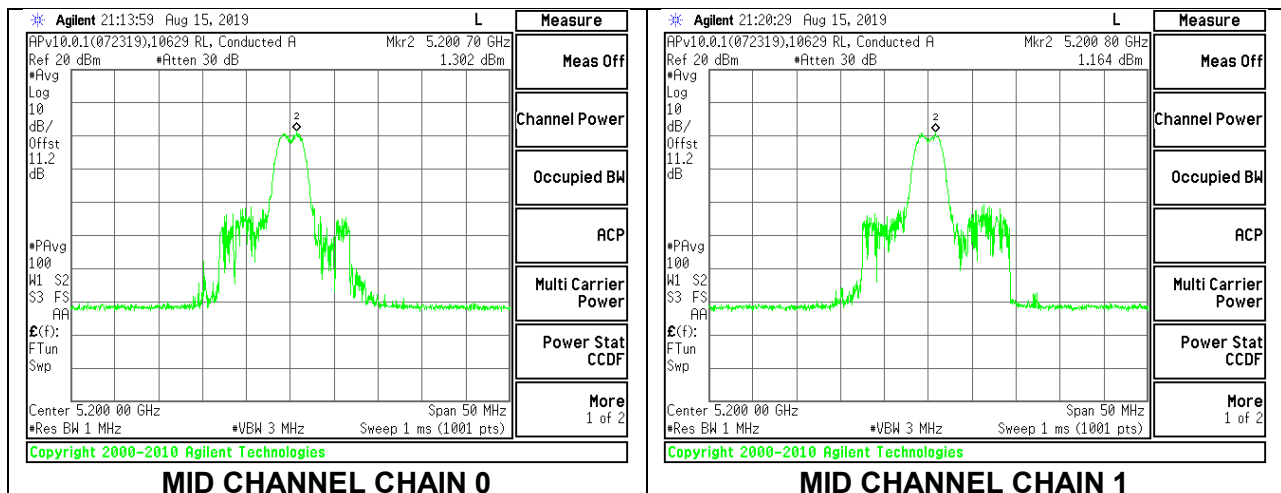
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU0	5180	1.678	1.553	4.63	5.25	-0.62
Mid / RU4	5200	1.302	1.164	4.24	5.25	-1.01
High / RU8	5240	1.681	1.578	4.64	5.25	-0.61

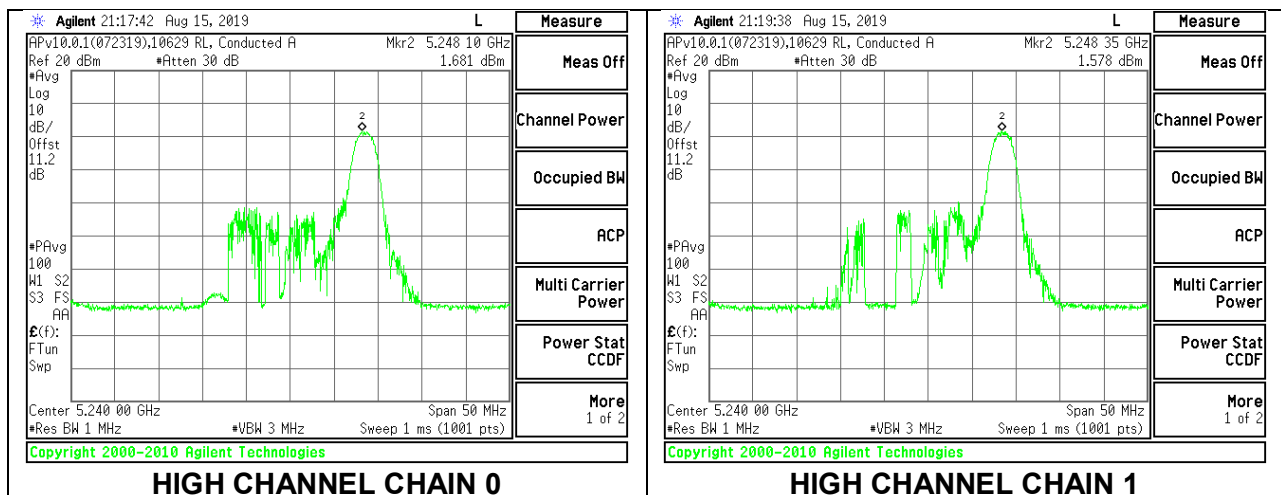
RU Index 0



RU Index 4



RU Index 8



8.4.2. 802.11ax HE40 MODE IN THE 5.2 GHz BAND (FCC+IC)

2TX Chain 0 + Chain 1 OFDMA MODE – SU MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5190	37.892	4.75	4.75
High	5230	37.912	4.75	4.75

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	24.00	23.00	18.25	18.25	11.00	10.00	5.25
High	5230	24.00	23.00	18.25	18.25	11.00	10.00	5.25

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	14.50	14.40	17.46	18.25	-0.79
High	5230	14.55	14.26	17.42	18.25	-0.83

2TX Chain 0 + Chain 1 OFDMA MODE – 484-Tones, RU Index 65

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5190	37.7388	4.75	4.75
High	5230	37.7660	4.75	4.75

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	24.00	23.00	18.25	18.25	11.00	10.00	5.25
High	5230	24.00	23.00	18.25	18.25	11.00	10.00	5.25

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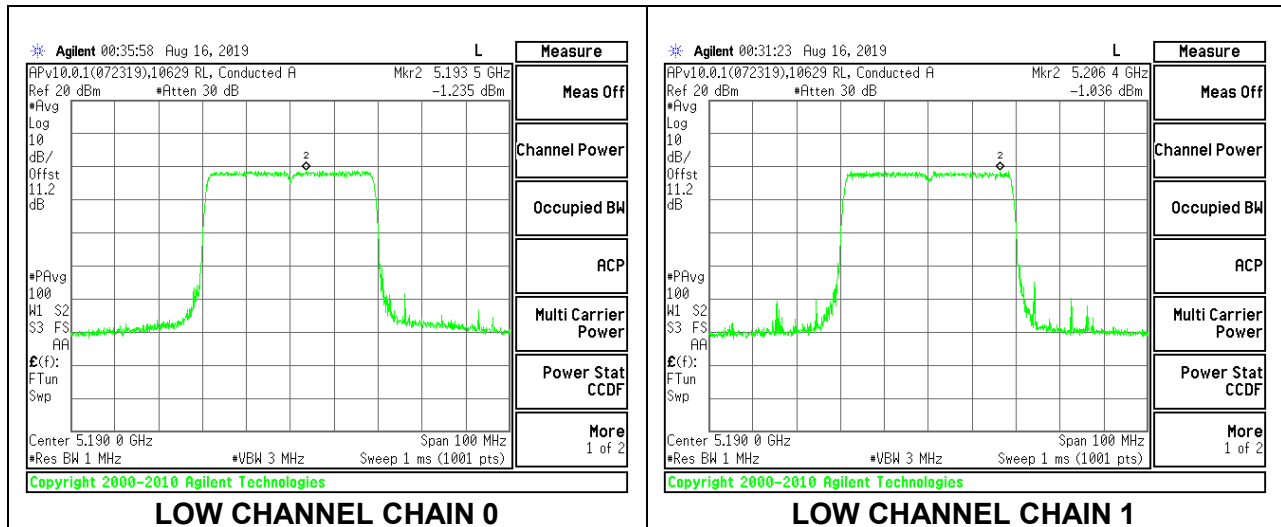
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	14.76	14.61	17.70	18.25	-0.55
High	5230	14.83	14.44	17.65	18.25	-0.60

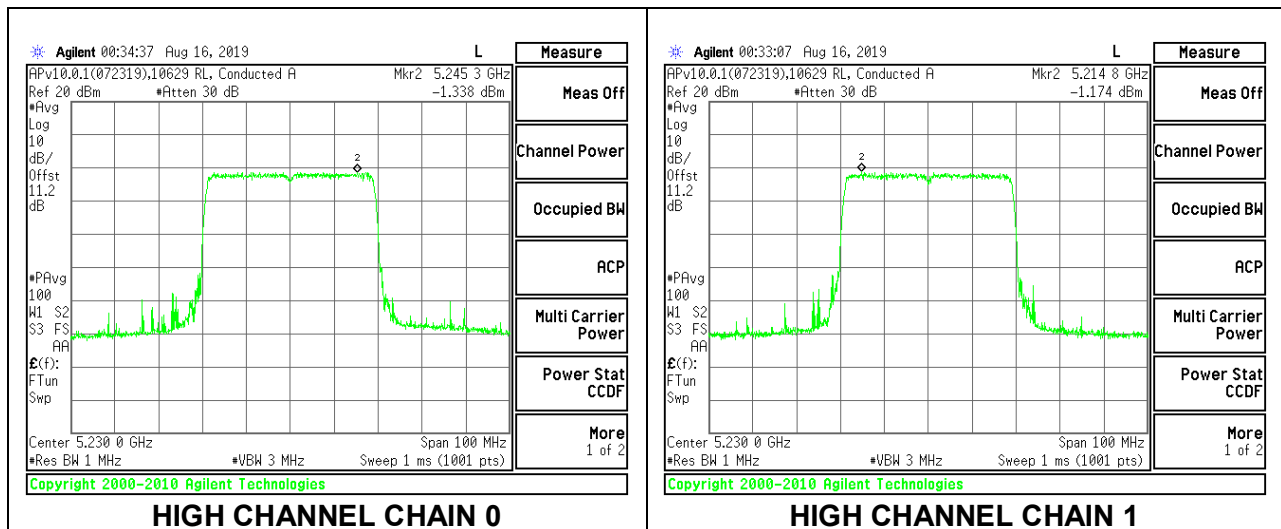
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	-1.235	-1.036	1.88	5.25	-3.37
High	5230	-1.338	-1.174	1.76	5.25	-3.49

LOW CHANNEL



HIGH CHANNEL



2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low / RU61	5190	18.8206	4.75	4.75
High / RU62	5230	18.8526	4.75	4.75

Limits

Channel / Ru Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low / RU61	5190	24.00	22.75	18.00	18.00	11.00	10.00	5.25
High / RU62	5230	24.00	22.75	18.00	18.00	11.00	10.00	5.25

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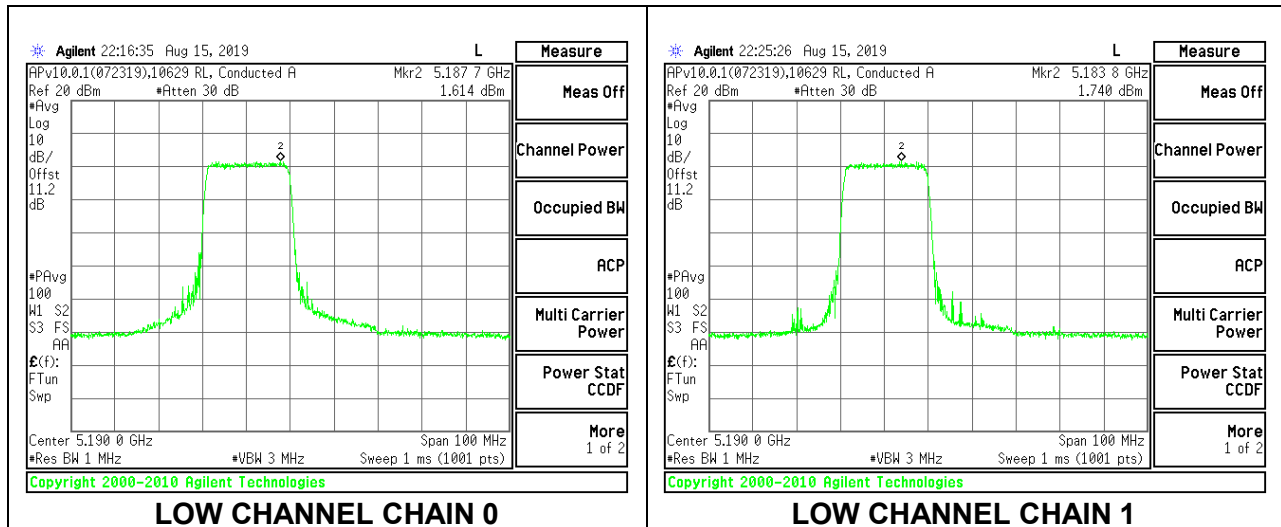
Output Power Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU61	5190	13.70	13.31	16.52	18.00	-1.48
High / RU62	5230	13.41	13.33	16.38	18.00	-1.62

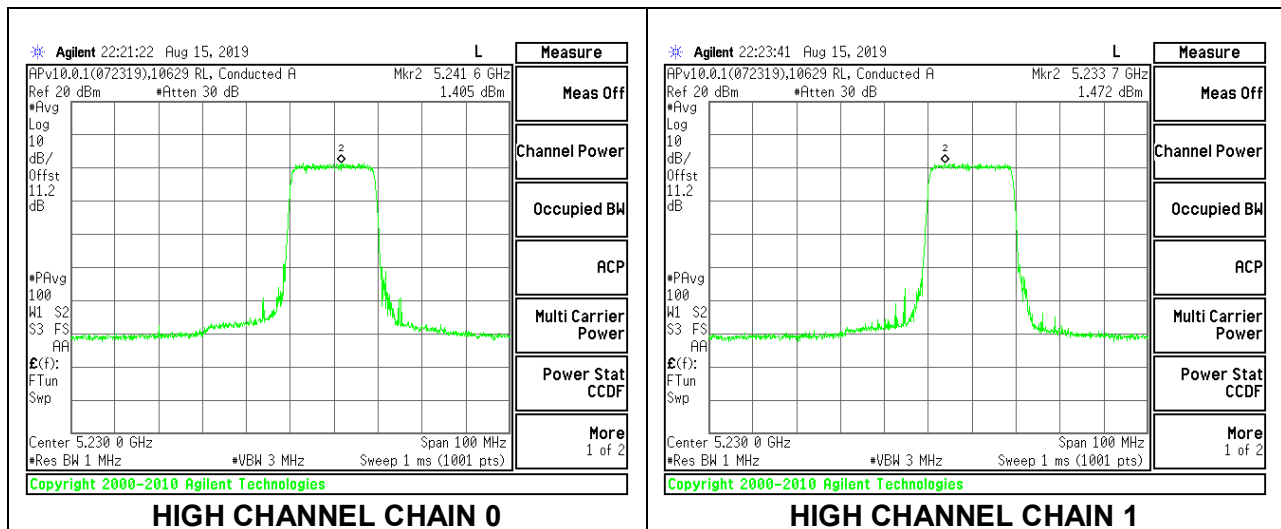
PSD Results

Channel / Ru Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low / RU61	5190	1.614	1.740	4.69	5.25	-0.56
High / RU62	5230	1.405	1.472	4.45	5.25	-0.80

RU Index 61



RU Index 62



2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low / RU53	5190	17.7625	4.75	4.75
Low / RU54	5190	18.3456	4.75	4.75
High / RU56	5230	17.8050	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low / RU53	5190	24.00	22.50	17.75	17.75	11.00	10.00	5.25
Low / RU54	5190	24.00	22.64	17.89	17.89	11.00	10.00	5.25
High / RU56	5230	24.00	22.51	17.76	17.76	11.00	10.00	5.25

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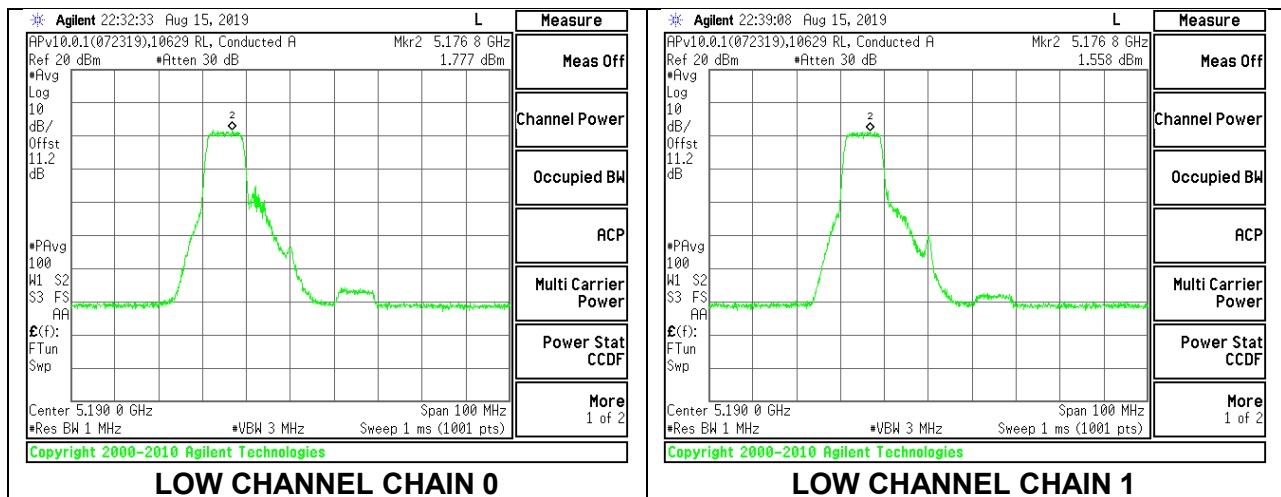
Output Power Results

Channel / Ru Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU53	5190	10.81	10.20	13.53	17.75	-4.22
Low / RU54	5190	10.42	10.13	13.29	17.89	-4.60
High / RU56	5230	10.80	10.18	13.51	17.76	-4.24

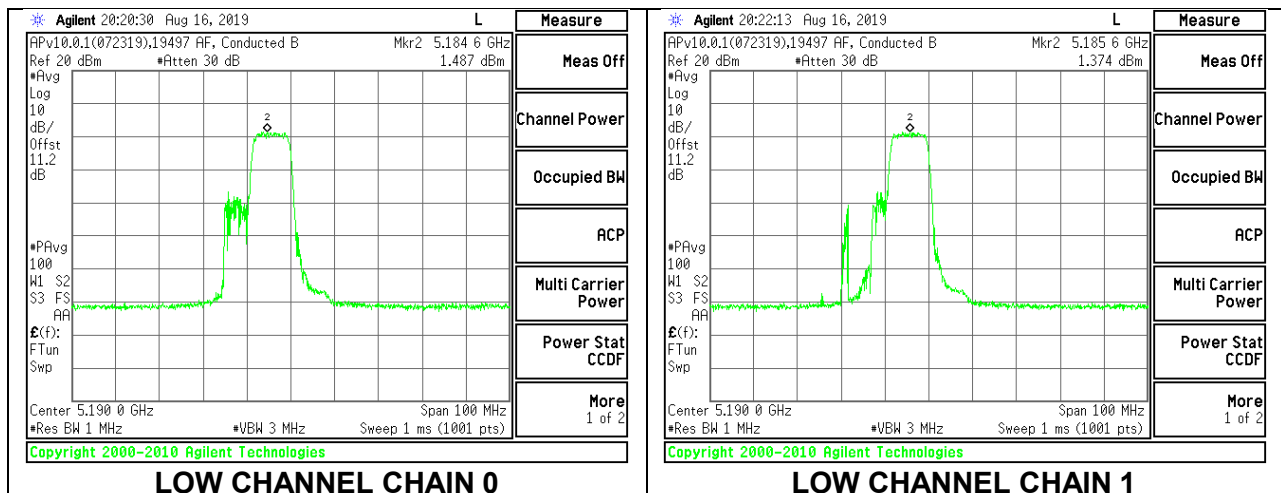
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU53	5190	1.777	1.558	4.68	5.25	-0.57
Low / RU54	5190	1.487	1.374	4.44	5.25	-0.81
High / RU56	5230	1.662	1.691	4.69	5.25	-0.56

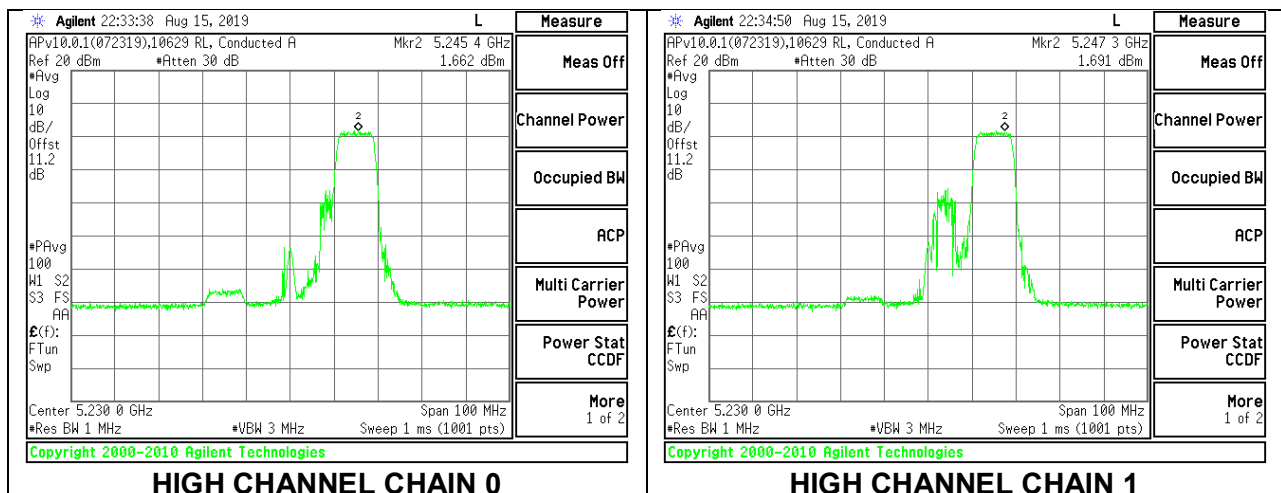
RU Index 53



RU Index 54



RU Index 56



2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low / RU37	5190	17.9453	4.75	4.75
Low / RU40	5190	18.6493	4.75	4.75
High / RU44	5230	18.1411	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low / RU37	5190	24.00	22.54	17.79	17.79	11.00	10.00	5.25
Low / RU40	5190	24.00	22.71	17.96	17.96	11.00	10.00	5.25
High / RU44	5230	24.00	22.59	17.84	17.84	11.00	10.00	5.25

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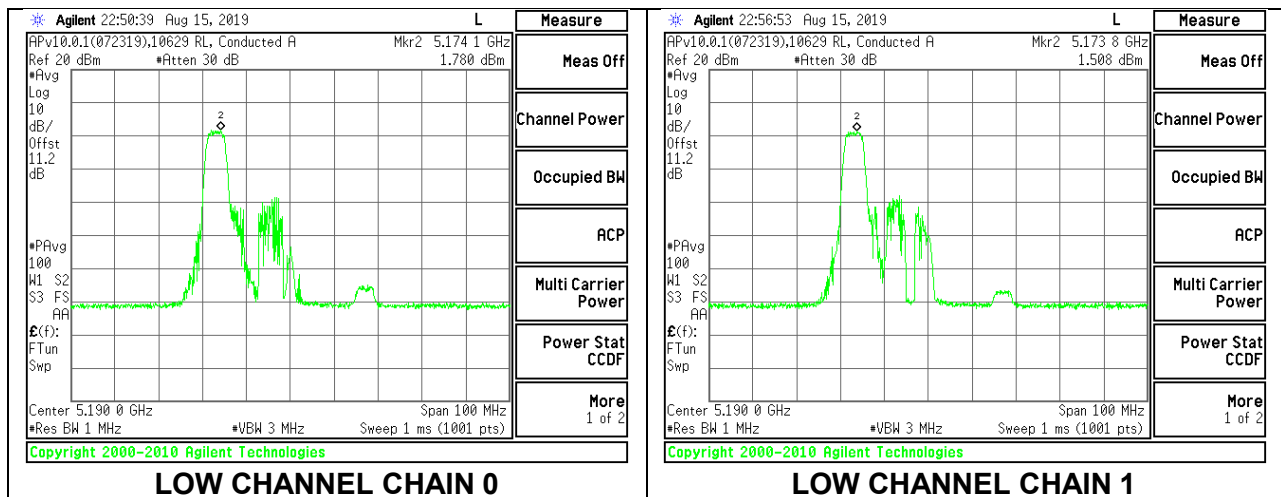
Output Power Results

Channel / Ru Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU37	5190	7.66	7.59	10.64	17.79	-7.15
Low / RU40	5190	7.75	7.62	10.70	17.96	-7.26
High / RU44	5230	7.42	7.37	10.41	17.84	-7.43

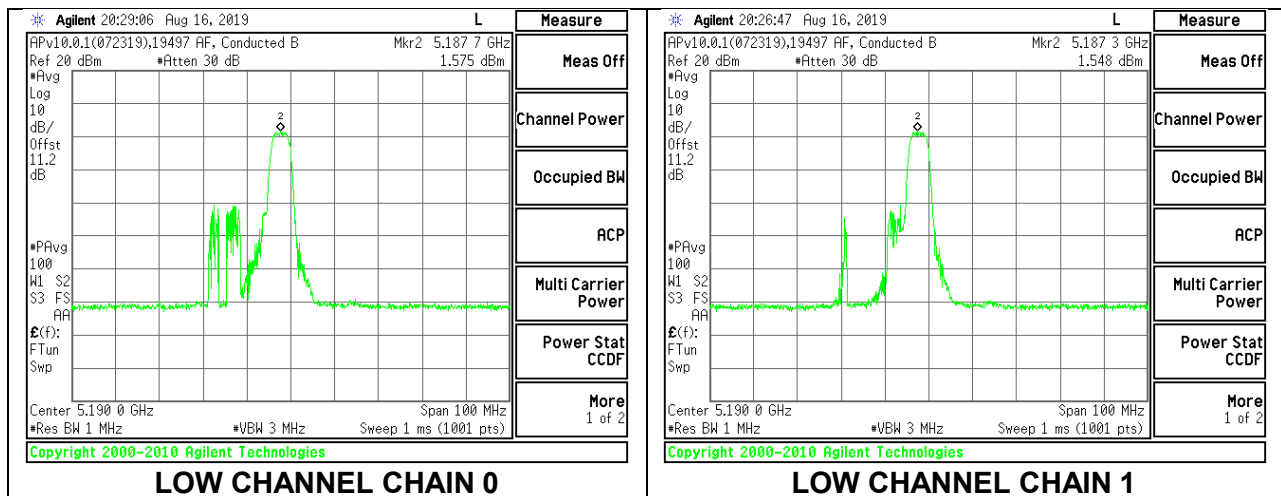
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU37	5190	1.780	1.508	4.66	5.25	-0.59
Low / RU40	5190	1.575	1.548	4.57	5.25	-0.68
High / RU44	5230	1.615	1.696	4.67	5.25	-0.58

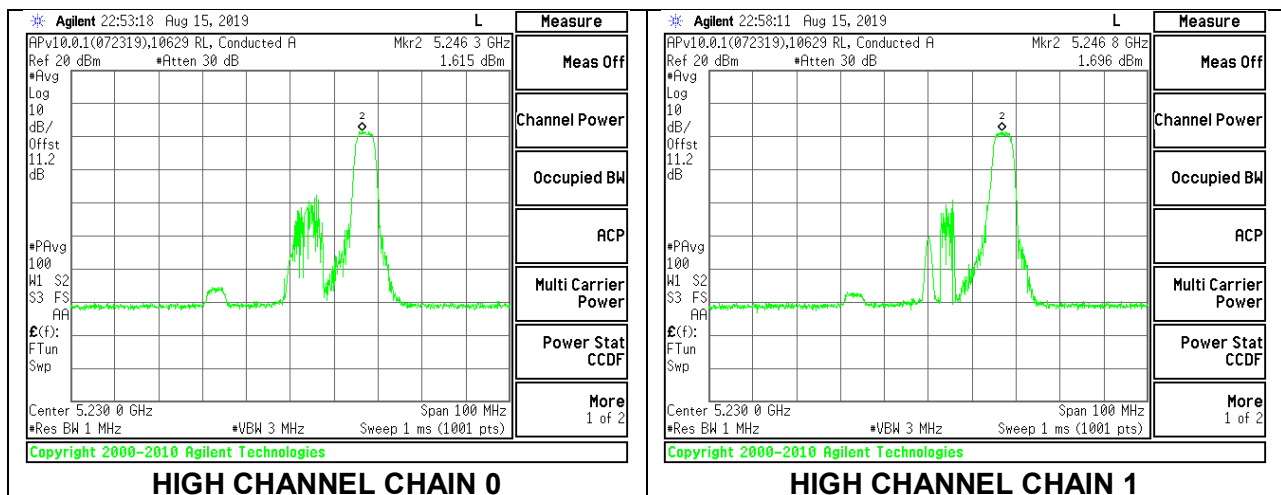
RU Index 37



RU Index 40



RU Index 44



2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low / RU0	5190	18.2655	4.75	4.75
Low / RU8	5190	18.9385	4.75	4.75
High / RU17	5230	18.5008	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low / RU0	5190	24.00	22.62	17.87	17.87	11.00	10.00	5.25
Low / RU8	5190	24.00	22.77	18.02	18.02	11.00	10.00	5.25
High / RU17	5230	24.00	22.67	17.92	17.92	11.00	10.00	5.25

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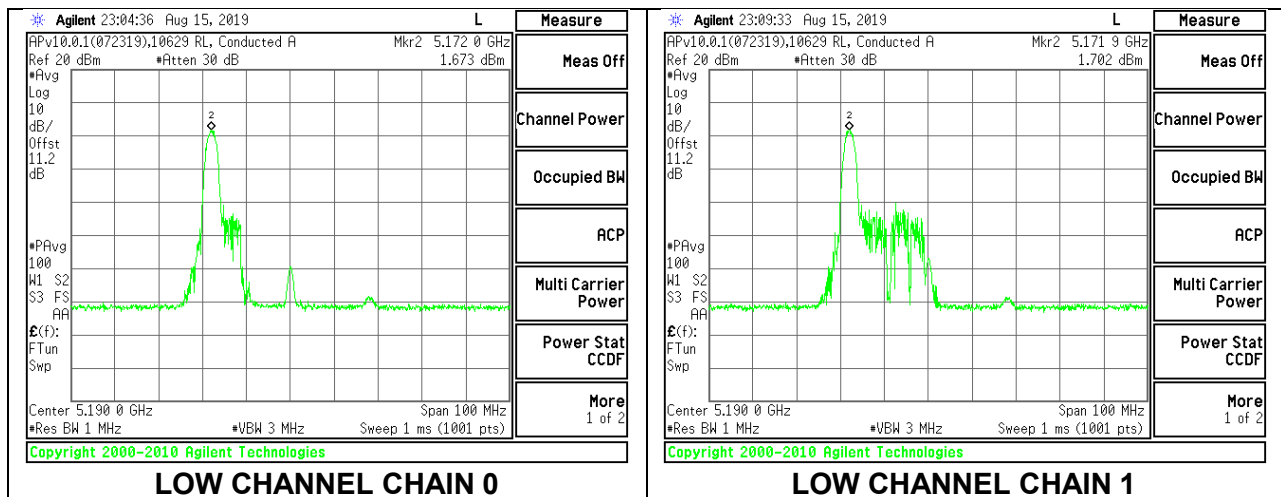
Output Power Results

Channel / Ru Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU0	5190	5.23	4.68	7.97	17.87	-9.89
Low / RU8	5190	4.97	4.82	7.91	18.02	-10.12
High / RU17	5230	4.88	4.61	7.76	17.92	-10.16

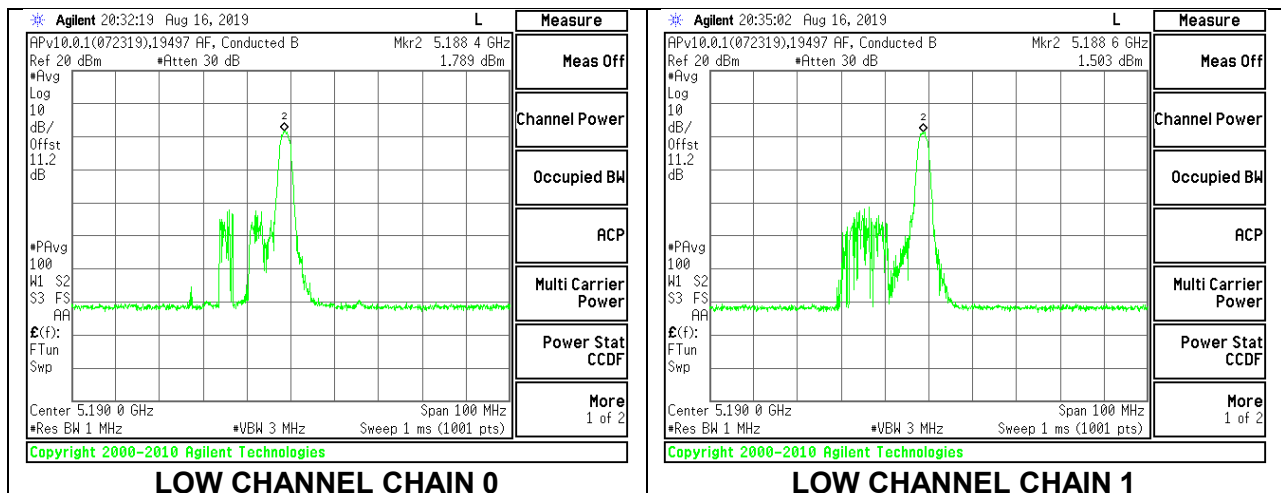
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU0	5190	1.673	1.702	4.70	5.25	-0.55
Low / RU8	5190	1.789	1.503	4.66	5.25	-0.59
High / RU17	5230	1.596	1.636	4.63	5.25	-0.62

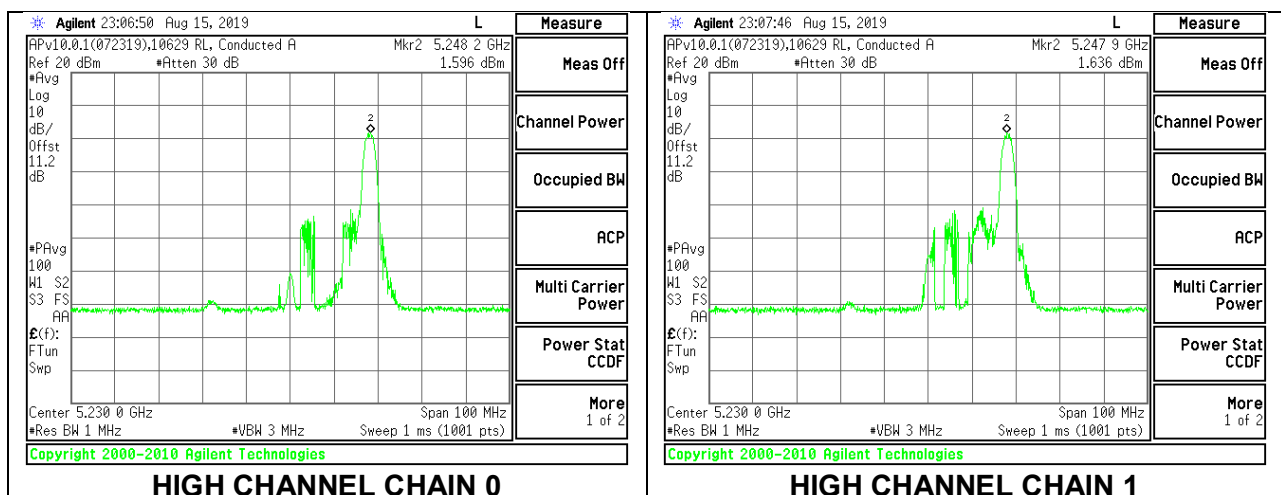
RU Index 0



RU Index 8



RU Index 17



8.4.3. 802.11ax HE80 MODE IN THE 5.2 GHz BAND (FCC+IC)

2TX Chain 0 + Chain 1 OFDMA MODE – SU MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5210	76.753	4.75	4.75

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5210	24.00	23.00	18.25	18.25	11.00	10.00	5.25

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	14.33	14.25	17.30	18.25	-0.95

2TX Chain 0 + Chain 1 OFDMA MODE – 996-Tones, RU Index 67

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5210	76.752	4.75	4.75

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5210	24.00	23.00	18.25	18.25	11.00	10.00	5.25

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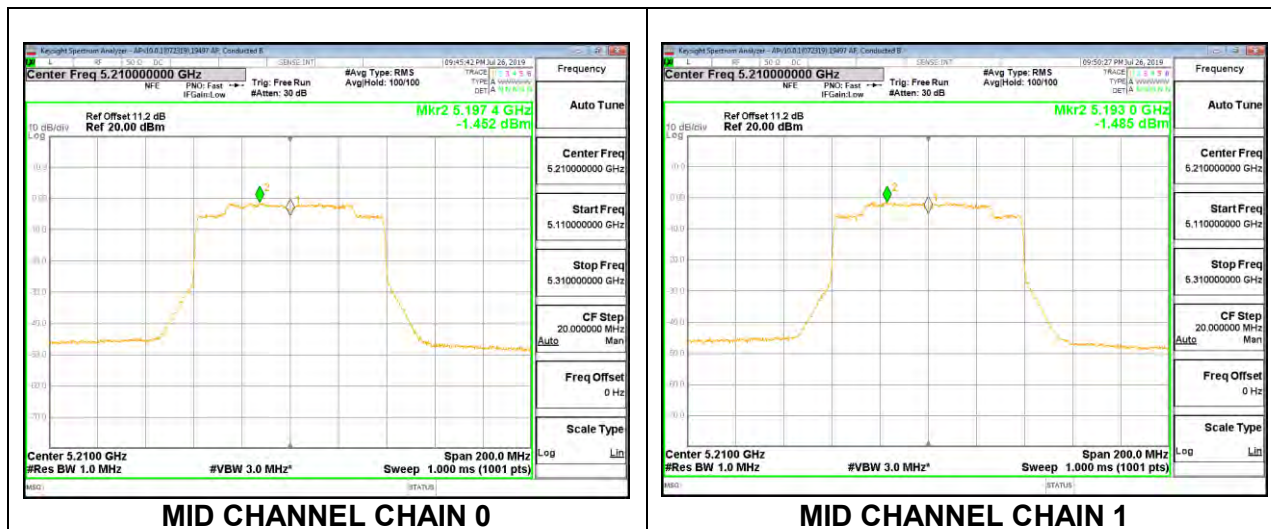
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	14.36	14.29	17.34	18.25	-0.91

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	-1.452	-1.485	1.54	5.25	-3.71

MID CHANNEL



2TX Chain 0 + Chain 1 OFDMA MODE – 484-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid / RU65	5210	37.842	4.75	4.75
Mid / RU66	5210	37.927	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED eirp PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid / RU65	5210	24.00	23.00	18.25	18.25	11.00	10.00	5.25
Mid / RU66	5210	24.00	23.00	18.25	18.25	11.00	10.00	5.25

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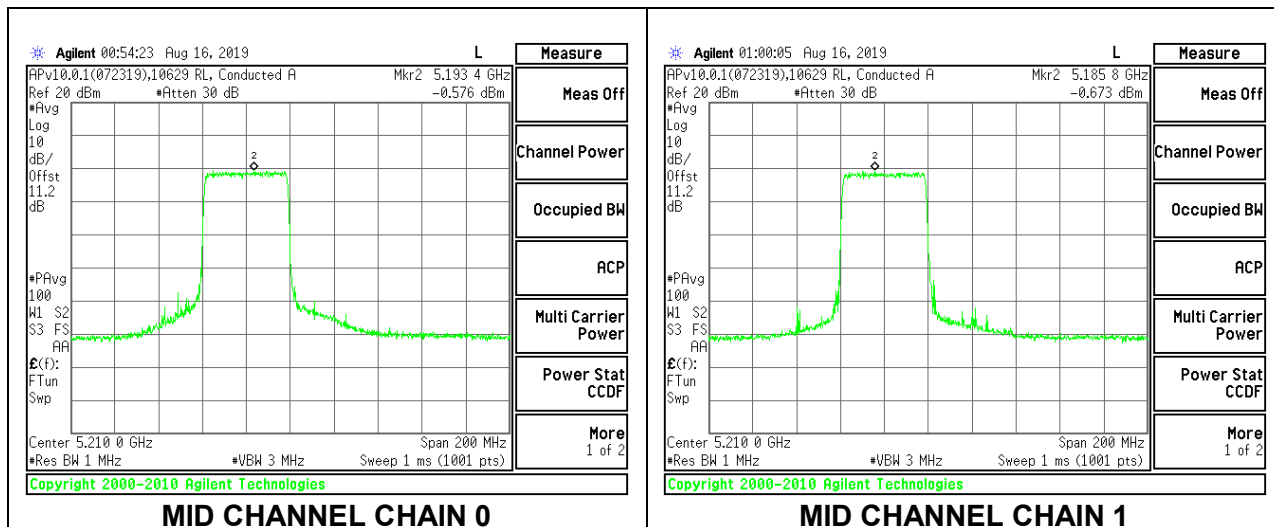
Output Power Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid / RU65	5210	14.56	14.36	17.47	18.25	-0.78
Mid / RU66	5210	14.70	14.25	17.49	18.25	-0.76

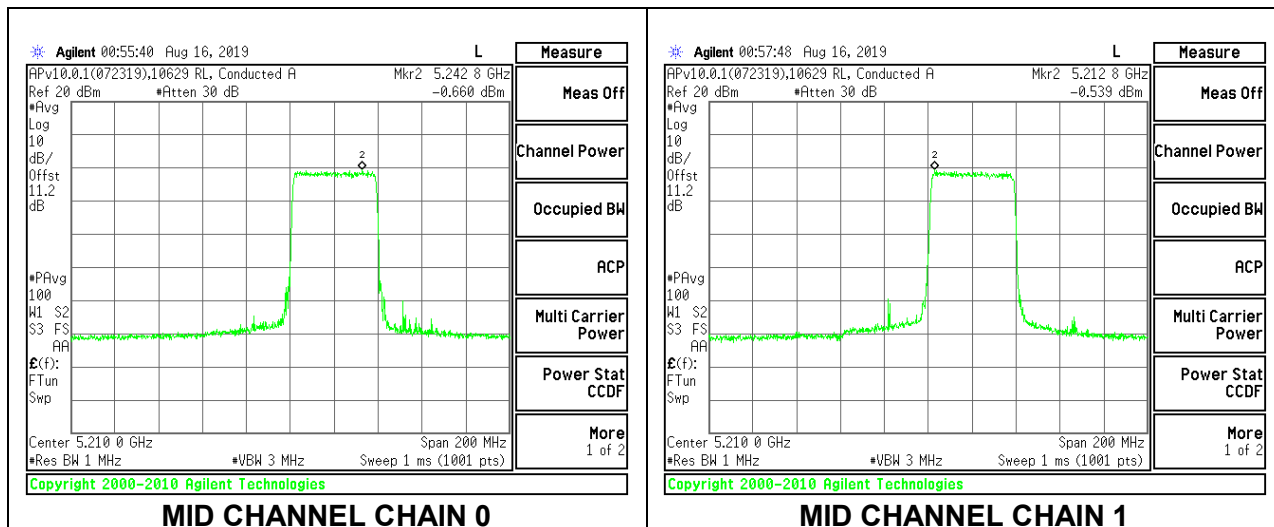
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid / RU65	5210	-0.576	-0.673	2.39	5.25	-2.86
Mid / RU66	5210	-0.660	-0.539	2.41	5.25	-2.84

RU Index 65



RU Index 66



2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid / RU61	5210	19.3985	4.75	4.75
Mid / RU62	5210	36.4261	4.75	4.75
Mid / RU64	5210	19.3112	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid / RU61	5210	24.00	22.88	18.13	18.13	11.00	10.00	5.25
Mid / RU62	5210	24.00	23.00	18.25	18.25	11.00	10.00	5.25
Mid / RU64	5210	24.00	22.86	18.11	18.11	11.00	10.00	5.25

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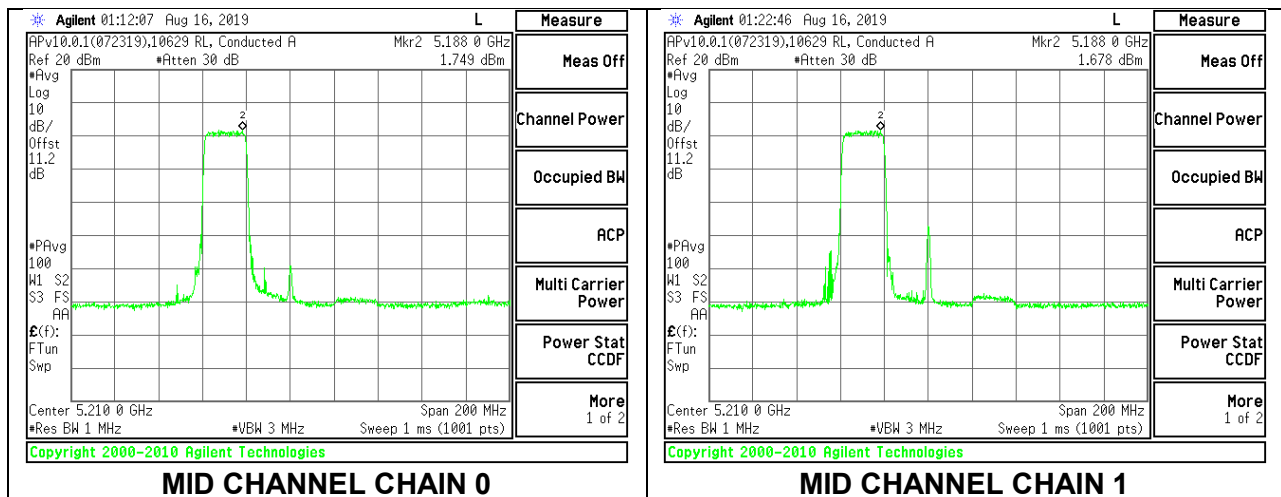
Output Power Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid / RU61	5210	14.59	14.41	17.51	18.13	-0.62
Mid / RU62	5210	14.67	14.53	17.61	18.25	-0.64
Mid / RU64	5210	14.62	14.48	17.56	18.11	-0.55

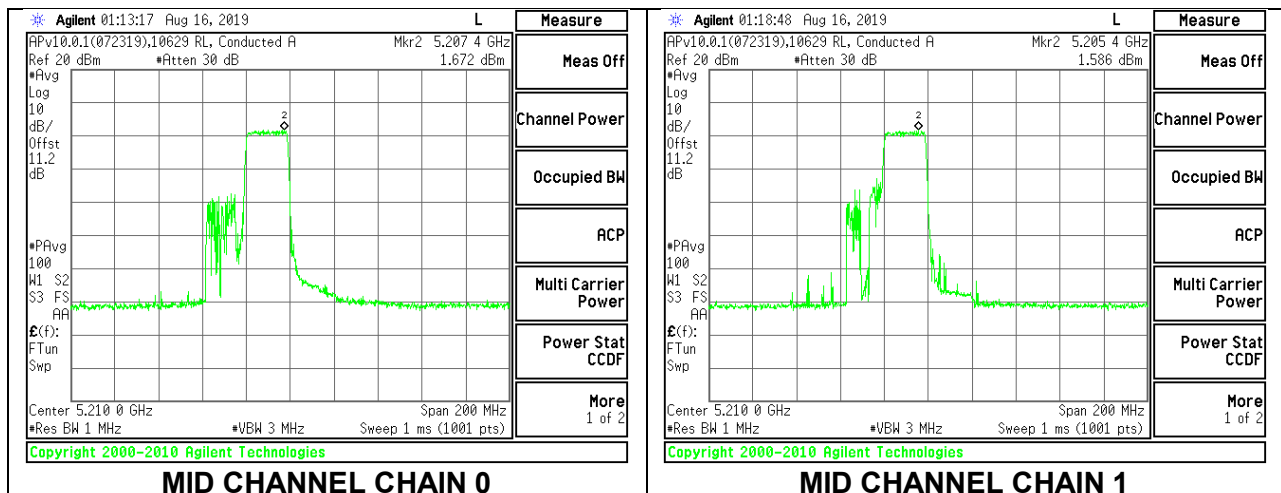
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid / RU61	5210	1.749	1.678	4.72	5.25	-0.53
Mid / RU62	5210	1.672	1.586	4.64	5.25	-0.61
Mid / RU64	5210	1.739	1.622	4.69	5.25	-0.56

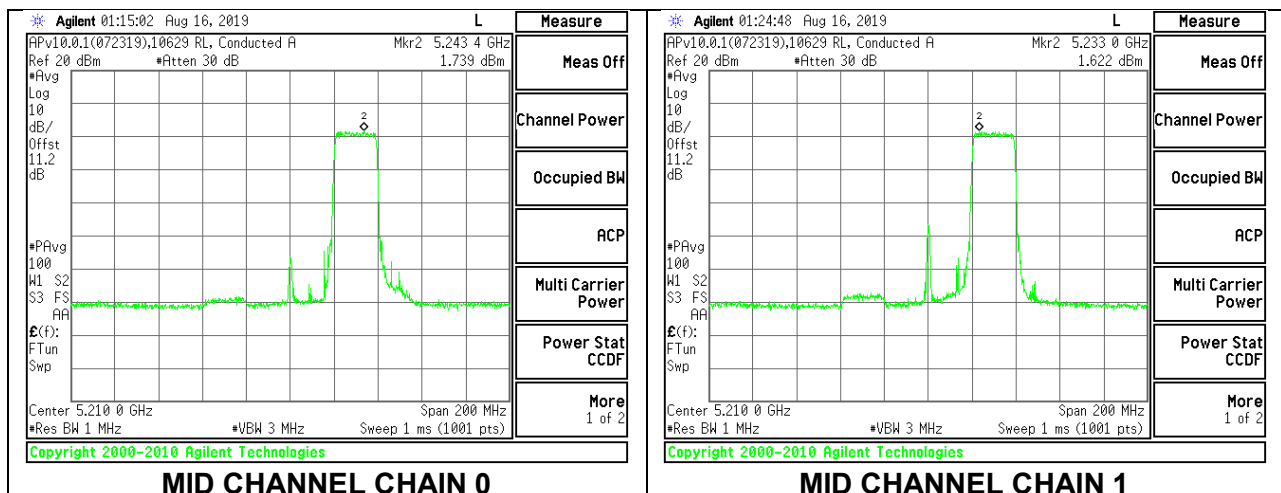
RU Index 61



RU Index 62



RU Index 64



2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid / RU53	5210	18.2845	4.75	4.75
Mid / RU56	5210	17.3438	4.75	4.75
Mid / RU60	5210	17.7750	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid / RU53	5210	24.00	22.62	17.87	17.87	11.00	10.00	5.25
Mid / RU56	5210	24.00	22.39	17.64	17.64	11.00	10.00	5.25
Mid / RU60	5210	24.00	22.50	17.75	17.75	11.00	10.00	5.25

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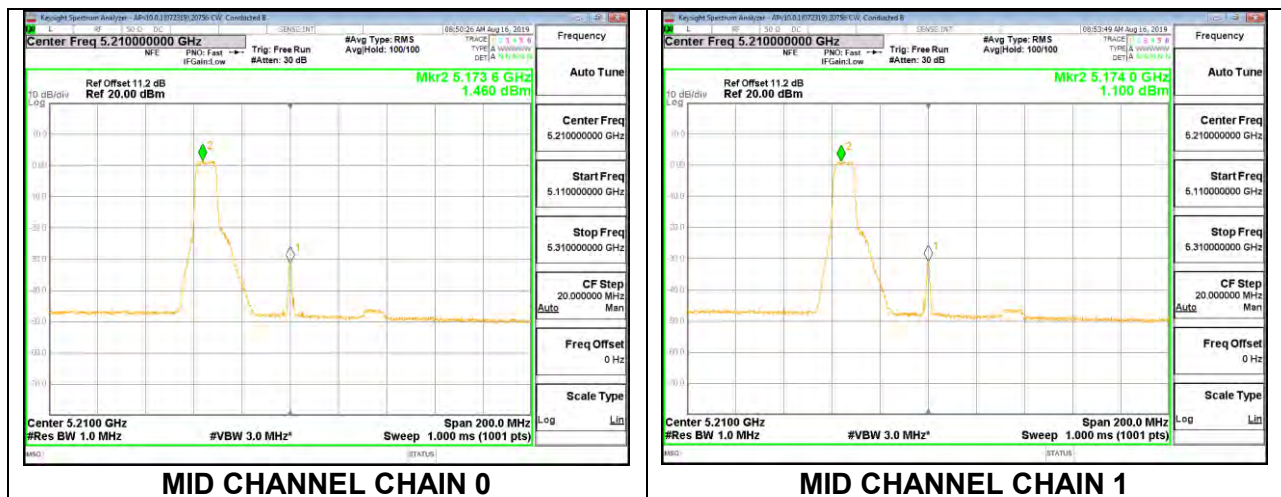
Output Power Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid / RU53	5210	10.15	9.51	12.85	17.87	-5.02
Mid / RU56	5210	10.06	9.48	12.79	17.64	-4.85
Mid / RU60	5210	10.44	9.87	13.17	17.75	-4.57

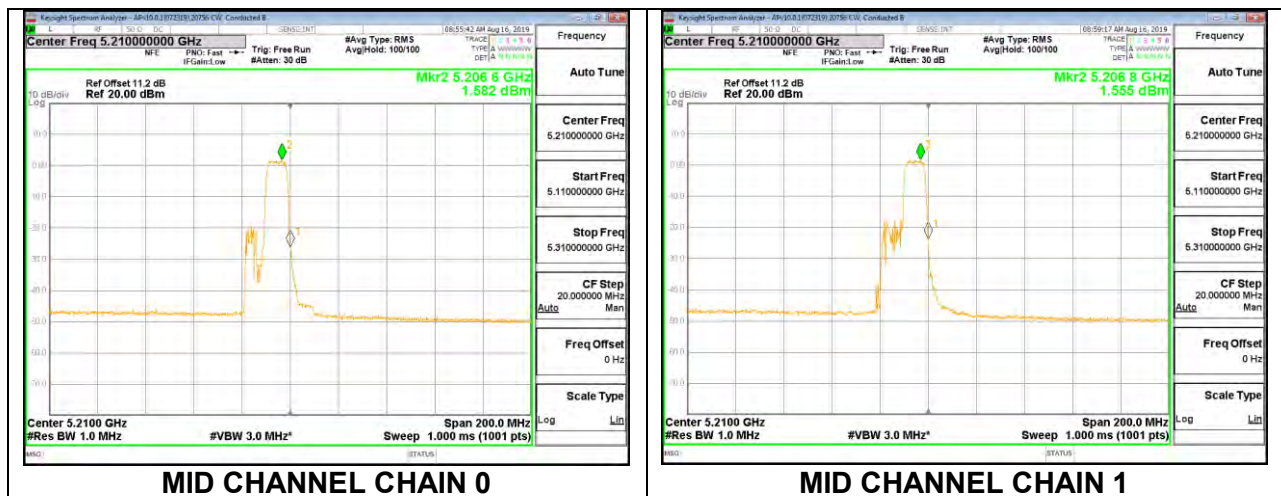
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid / RU53	5210	1.460	1.100	4.29	5.25	-0.96
Mid / RU56	5210	1.582	1.555	4.58	5.25	-0.67
Mid / RU60	5210	1.638	1.642	4.65	5.25	-0.60

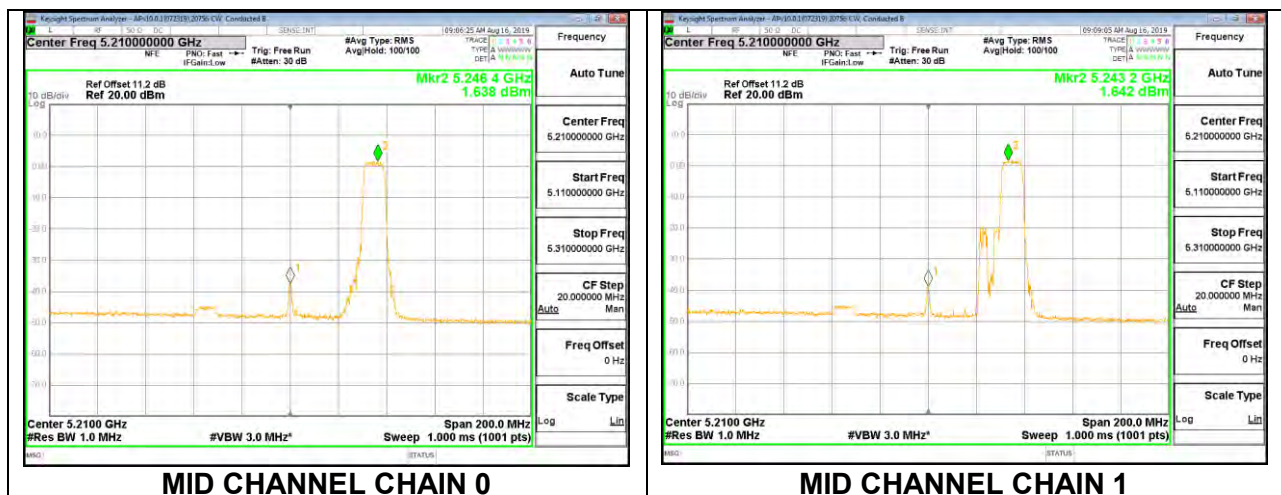
RU Index 53



RU Index 56



RU Index 60



2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid / RU37	5210	18.1481	4.75	4.75
Mid / RU44	5210	17.5773	4.75	4.75
Mid / RU52	5210	18.0644	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid / RU37	5210	24.00	22.59	17.84	17.84	11.00	10.00	5.25
Mid / RU44	5210	24.00	22.45	17.70	17.70	11.00	10.00	5.25
Mid / RU52	5210	24.00	22.57	17.82	17.82	11.00	10.00	5.25

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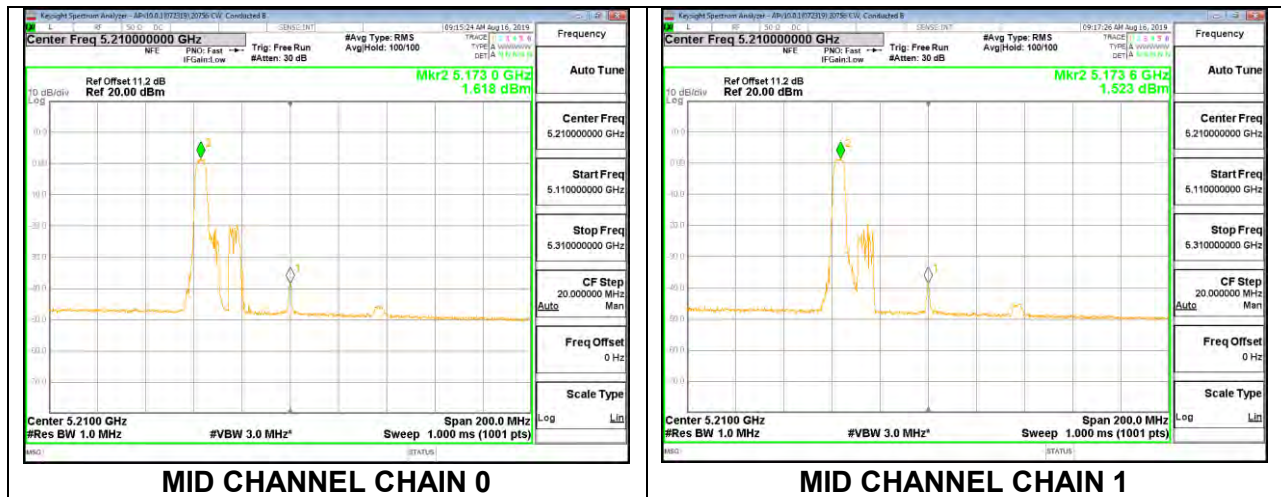
Output Power Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid / RU37	5210	6.76	6.33	9.56	17.84	-8.28
Mid / RU44	5210	6.86	6.42	9.66	17.70	-8.04
Mid / RU52	5210	7.51	7.09	10.32	17.82	-7.50

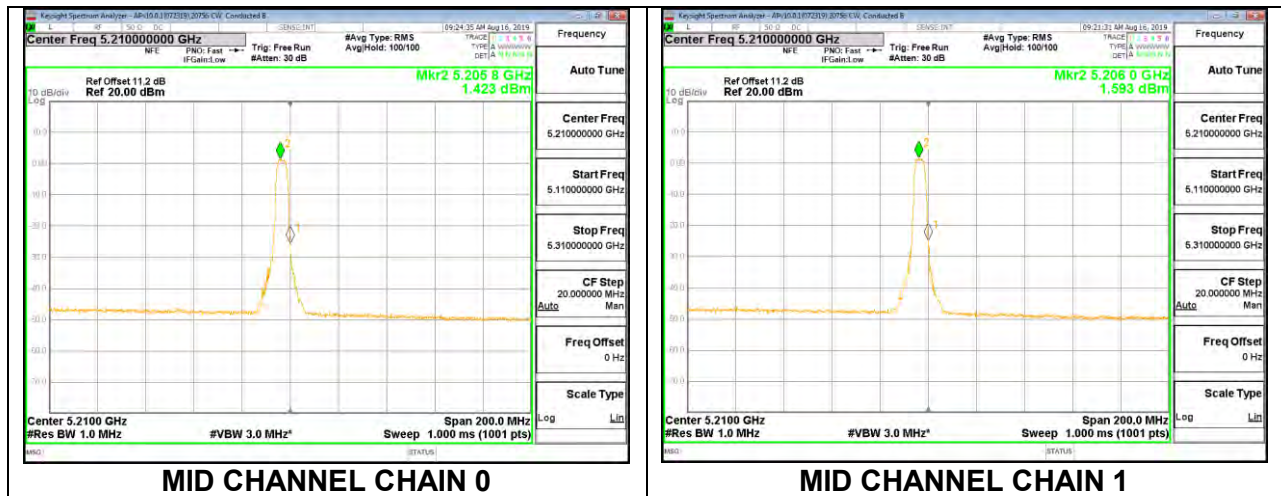
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid / RU37	5210	1.618	1.523	4.58	5.25	-0.67
Mid / RU44	5210	1.423	1.593	4.52	5.25	-0.73
Mid / RU52	5210	1.600	1.554	4.59	5.25	-0.66

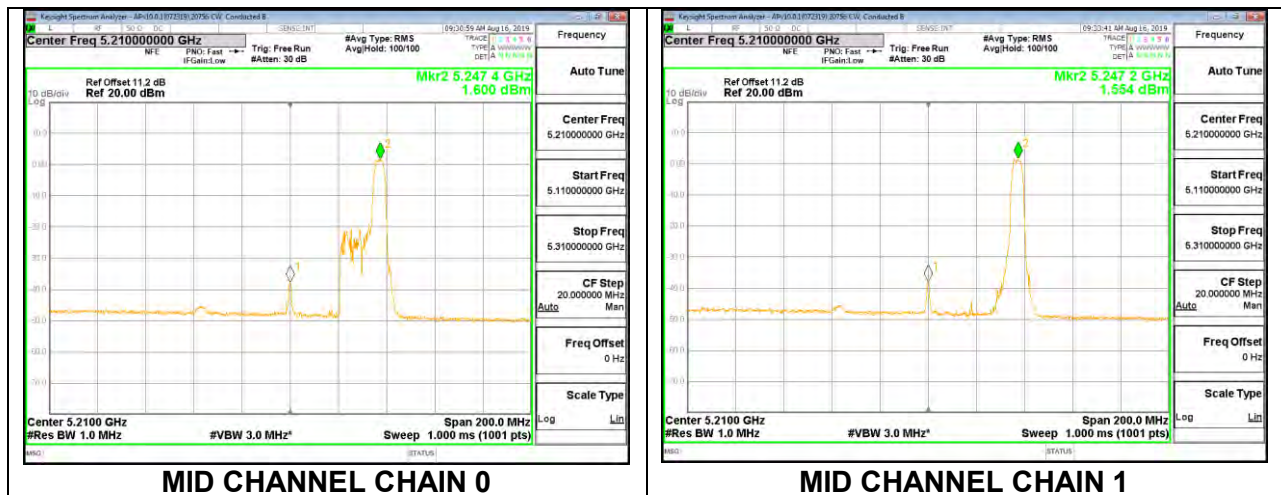
RU Index 37



RU Index 44



RU Index 52



2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones

Bandwidth and Antenna Gain

Channel / RU Index	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid / RU0	5210	18.1011	4.75	4.75
Mid / RU18	5210	36.4394	4.75	4.75
Mid / RU36	5210	18.1290	4.75	4.75

Limits

Channel / RU Index	Frequency (MHz)	FCC Power Limit (dBm)	ISED EIRP Limit (dBm)	Max ISED Power (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED eirp PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Mid / RU0	5210	24.00	22.58	17.83	17.83	11.00	10.00	5.25
Mid / RU18	5210	24.00	23.00	18.25	18.25	11.00	10.00	5.25
Mid / RU36	5210	24.00	22.58	17.83	17.83	11.00	10.00	5.25

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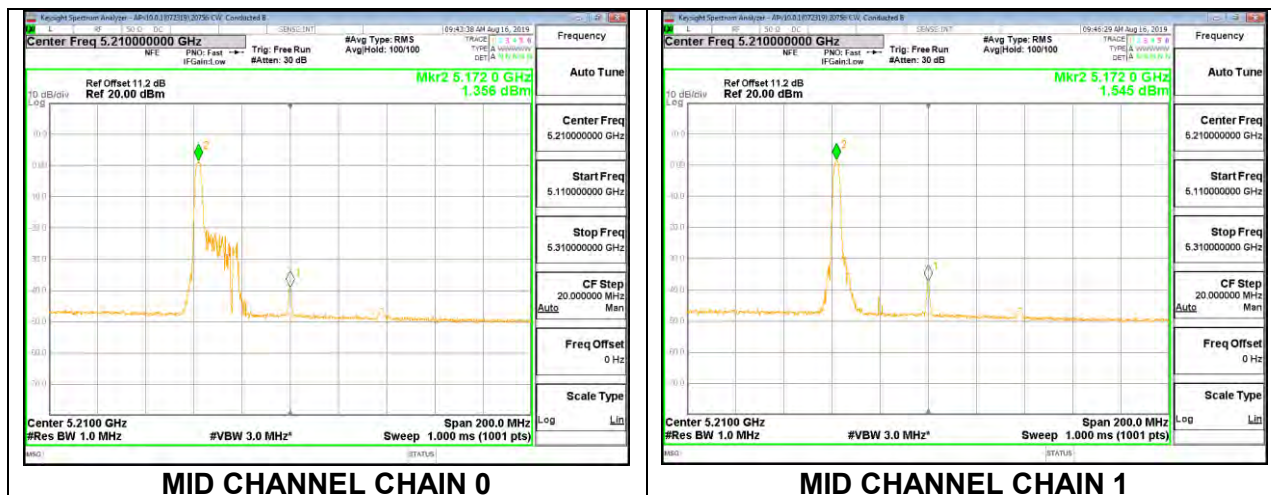
Output Power Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid / RU0	5210	3.89	3.62	6.77	17.83	-11.06
Mid / RU18	5210	4.43	4.06	7.26	18.25	-10.99
Mid / RU36	5210	4.22	4.01	7.13	17.83	-10.71

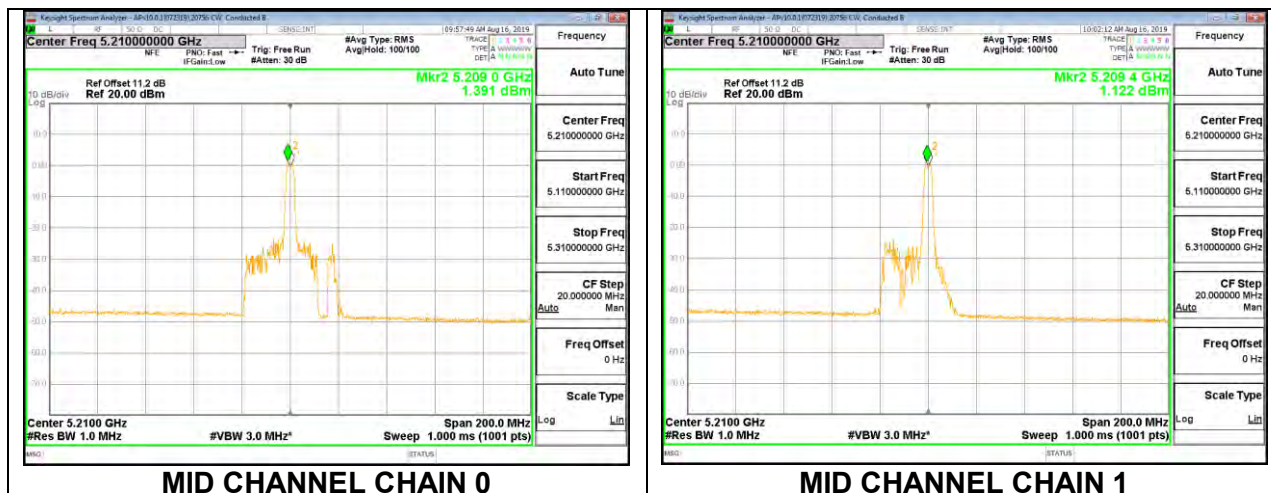
PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid / RU0	5210	1.356	1.545	4.46	5.25	-0.79
Mid / RU18	5210	1.391	1.122	4.27	5.25	-0.98
Mid / RU36	5210	1.588	1.511	4.56	5.25	-0.69

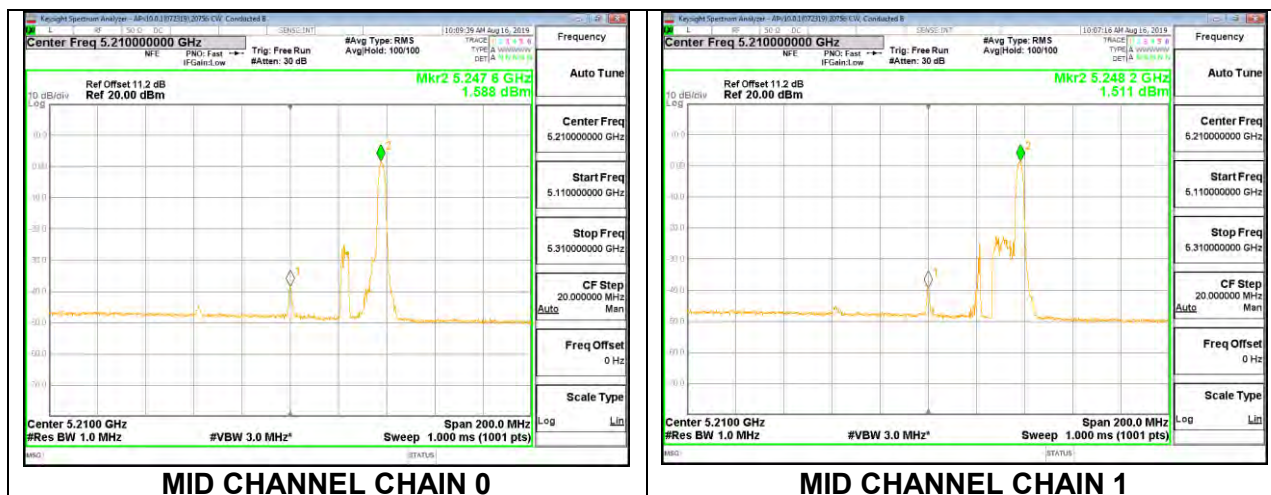
RU Index 0



RU index 18



RU Index 36



8.4.4. 802.11ax HE20 MODE IN THE 5.3 GHz BAND (FCC/IC)

2TX Chain 0 + Chain 1 SU 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	24.85	6.16	6.16	23.84	10.84
Mid	5300	24.30	6.16	6.16	23.84	10.84
High	5320	24.70	6.16	6.16	23.84	10.84

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.64	17.72	20.69	23.84	-3.15
Mid	5300	17.67	17.81	20.75	23.84	-3.09
High	5320	17.52	17.62	20.58	23.84	-3.26

2TX Chain 0 + Chain 1 OFDMA MODE (FCC) – 242-Tones, RU Index 61

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	22.95	6.16	6.16	23.84	10.84
Mid	5300	22.70	6.16	6.16	23.84	10.84
High	5320	22.95	6.16	6.16	23.84	10.84

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

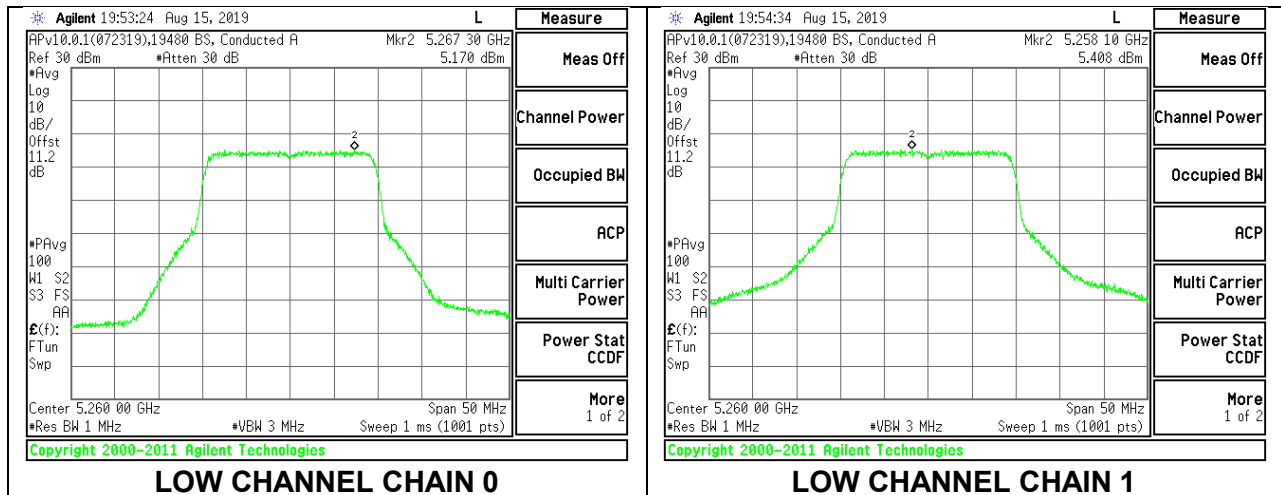
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.72	17.87	20.81	23.84	-3.03
Mid	5300	17.73	17.98	20.87	23.84	-2.97
High	5320	17.52	17.65	20.60	23.84	-3.24

PSD Results

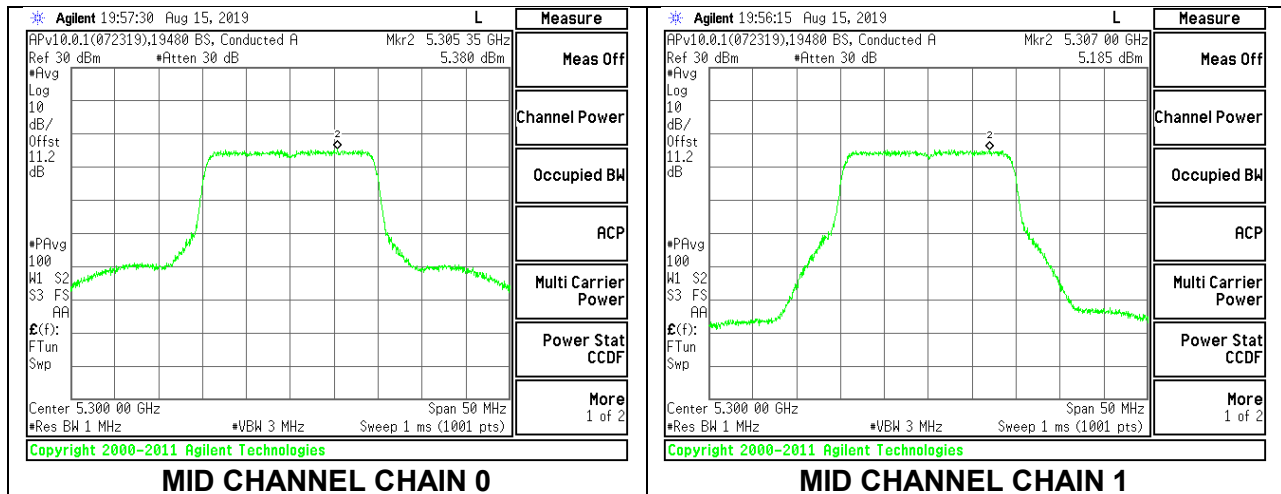
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	5.170	5.408	8.30	10.84	-2.54
Mid	5300	5.380	5.185	8.29	10.84	-2.55
High	5320	5.452	5.394	8.43	10.84	-2.41

NOTE: FCC PSD limit is the worst-case limit. Therefore, FCC limit is use to cover IC limit.

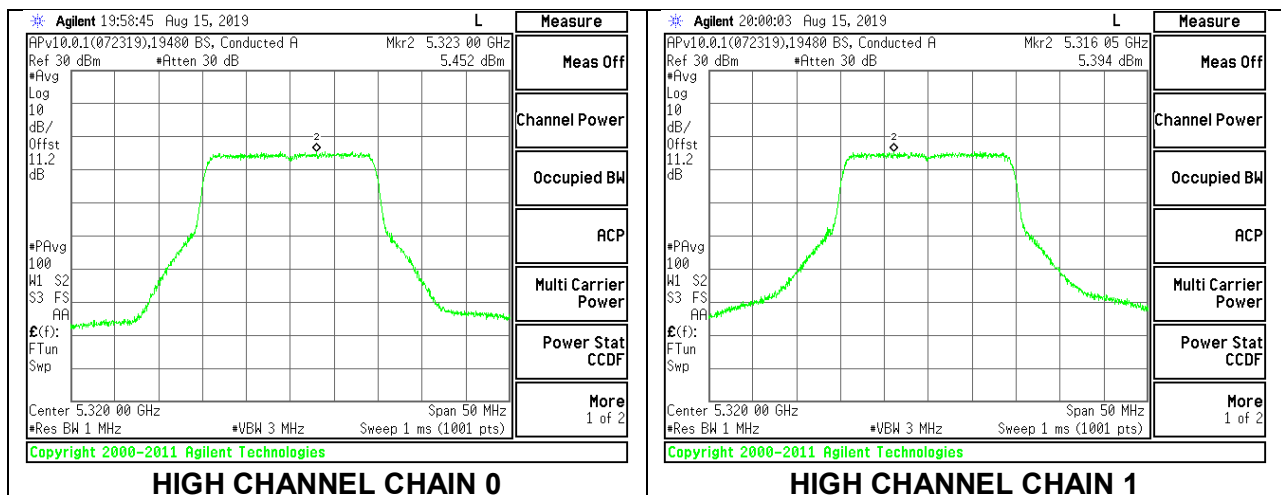
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



2TX Chain 0 + Chain 1 OFDMA MODE (FCC) – 106-Tones

Bandwidth, Antenna Gain, and Limits

Channel / RU Index	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 / RU53	5260	20.85	6.16	6.16	23.84	10.84
Mid / RU53	5300	20.80	6.16	6.16	23.84	10.84
High / RU54	5320	23.90	6.16	6.16	23.84	10.84

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

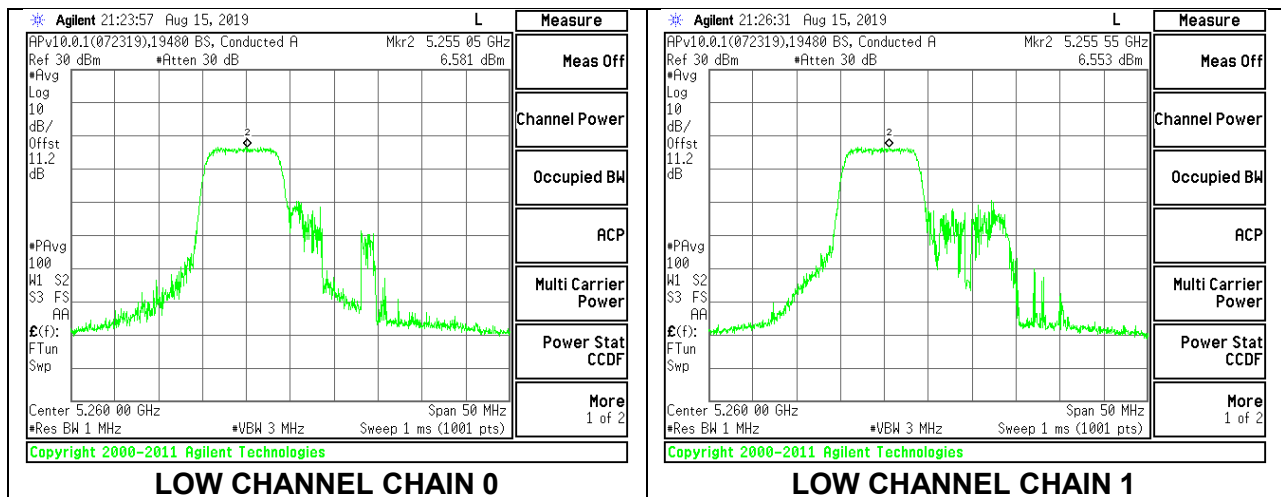
Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU53	5260	15.74	16.20	18.99	23.84	-4.85
Mid / RU53	5300	15.92	15.96	18.95	23.84	-4.89
High / RU54	5320	16.02	16.09	19.07	23.84	-4.77

PSD Results

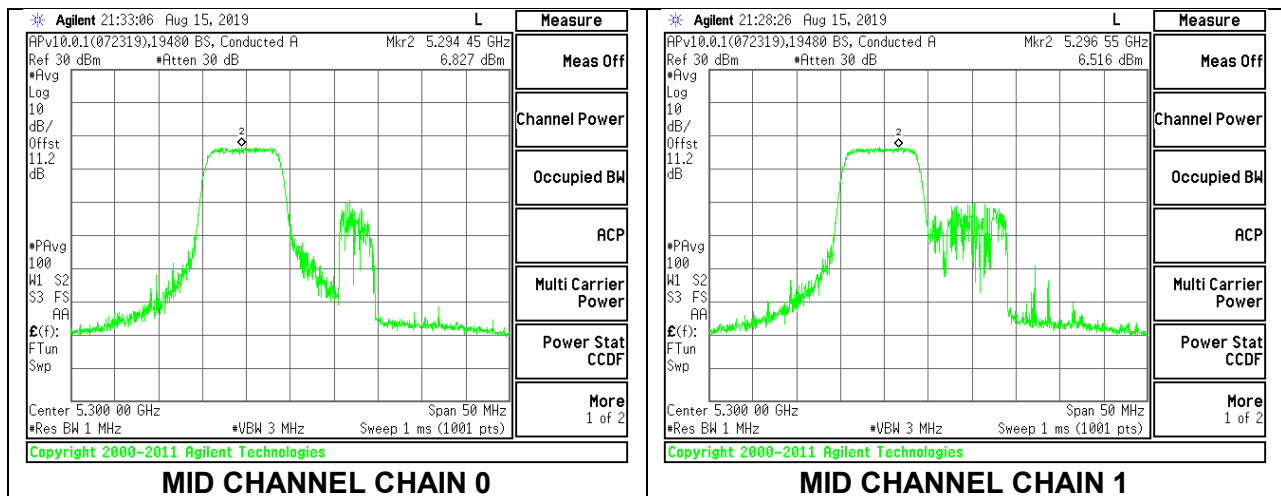
Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU53	5260	6.581	6.553	9.58	10.84	-1.26
Mid / RU53	5300	6.827	6.516	9.68	10.84	-1.16
High / RU54	5320	6.666	6.581	9.63	10.84	-1.21

NOTE: FCC PSD limit is the worst-case limit. Therefore, FCC limit is use to cover IC limit.

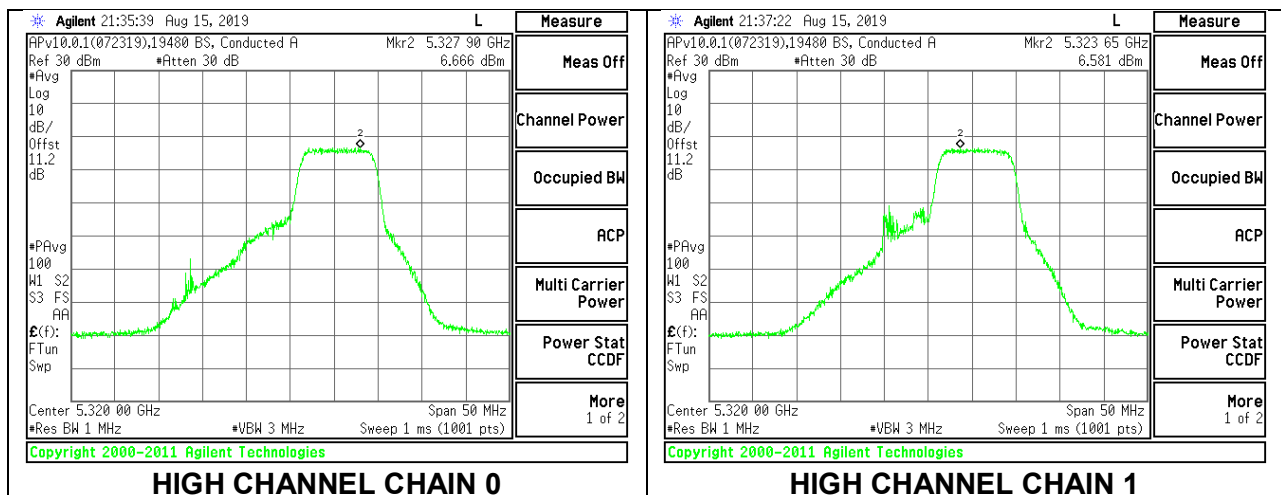
RU Index 53



RU Index 53



RU Index 54



2TX Chain 0 + Chain 1 OFDMA MODE (FCC) – 52-Tones

Bandwidth, Antenna Gain, and Limits

Channel / RU Index	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 / RU37	5260	20.45	6.16	6.16	23.84	10.84
Mid / RU38	5300	18.75	6.16	6.16	23.57	10.84
High / RU40	5320	22.10	6.16	6.16	23.84	10.84

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

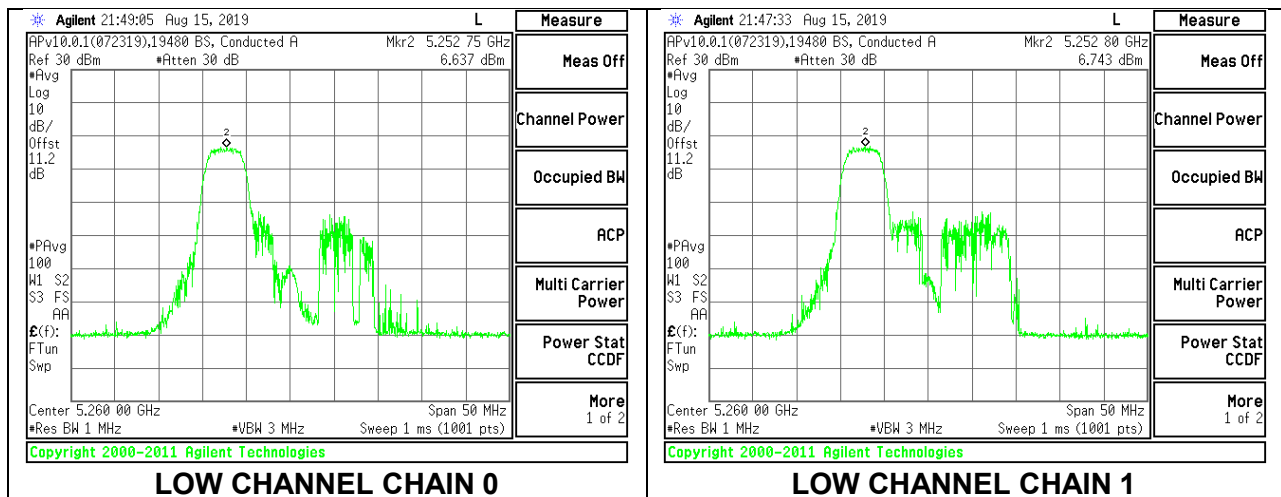
Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU37	5260	12.86	13.04	15.96	23.84	-7.88
Mid / RU38	5300	13.05	13.19	16.13	23.57	-7.44
High / RU40	5320	12.74	12.94	15.85	23.84	-7.99

PSD Results

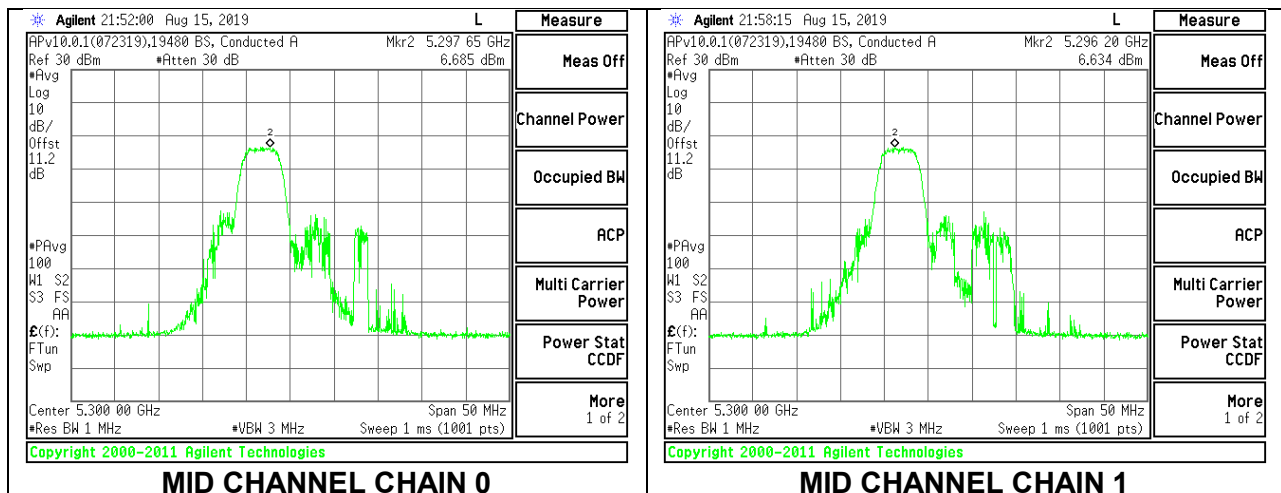
Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU37	5260	6.637	6.743	9.70	10.84	-1.14
Mid / RU38	5300	6.685	6.634	9.67	10.84	-1.17
High / RU40	5320	6.521	6.320	9.43	10.84	-1.41

NOTE: FCC PSD limit is the worst-case limit. Therefore, FCC limit is use to cover IC limit.

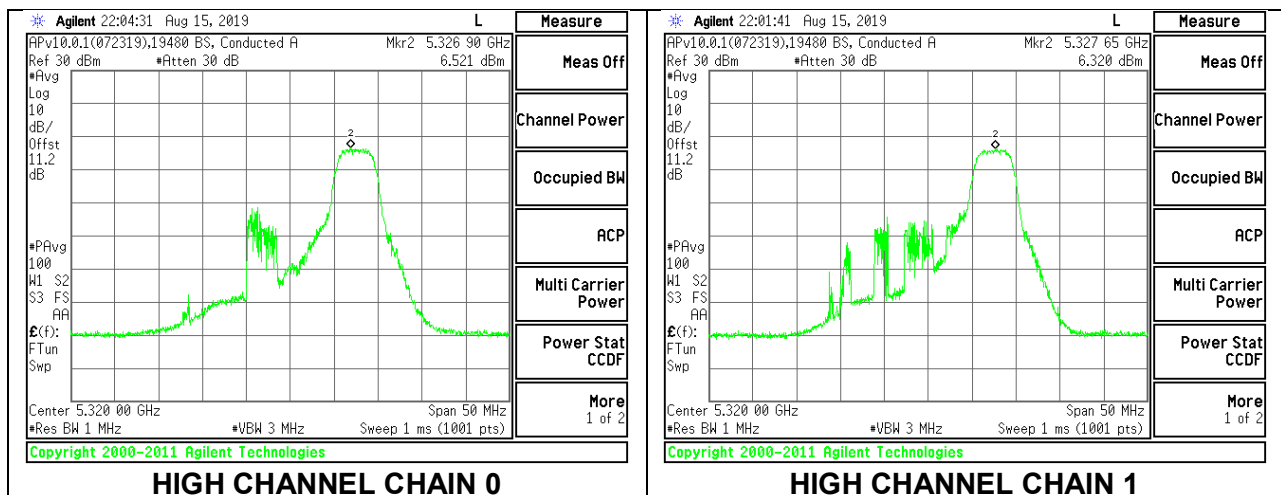
RU Index 37



RU Index 38



RU Index 40



2TX Chain 0 + Chain 1 OFDMA MODE (FCC) – 26-Tones

Bandwidth, Antenna Gain, and Limits

Channel / RU Index	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 / RU0	5260	20.25	6.16	6.16	23.84	10.84
Mid / RU4	5300	18.40	6.16	6.16	23.49	10.84
High / RU8	5320	20.95	6.16	6.16	23.84	10.84

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

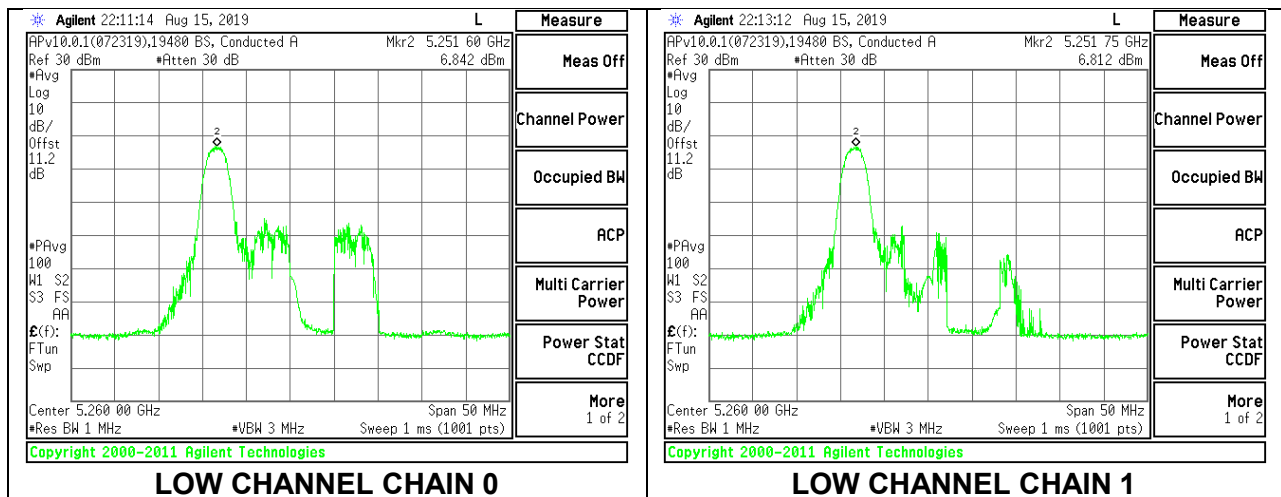
Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU0	5260	9.99	10.35	13.18	23.84	-10.66
Mid / RU4	5300	10.38	10.49	13.45	23.49	-10.04
High / RU8	5320	10.16	10.19	13.19	23.84	-10.65

PSD Results

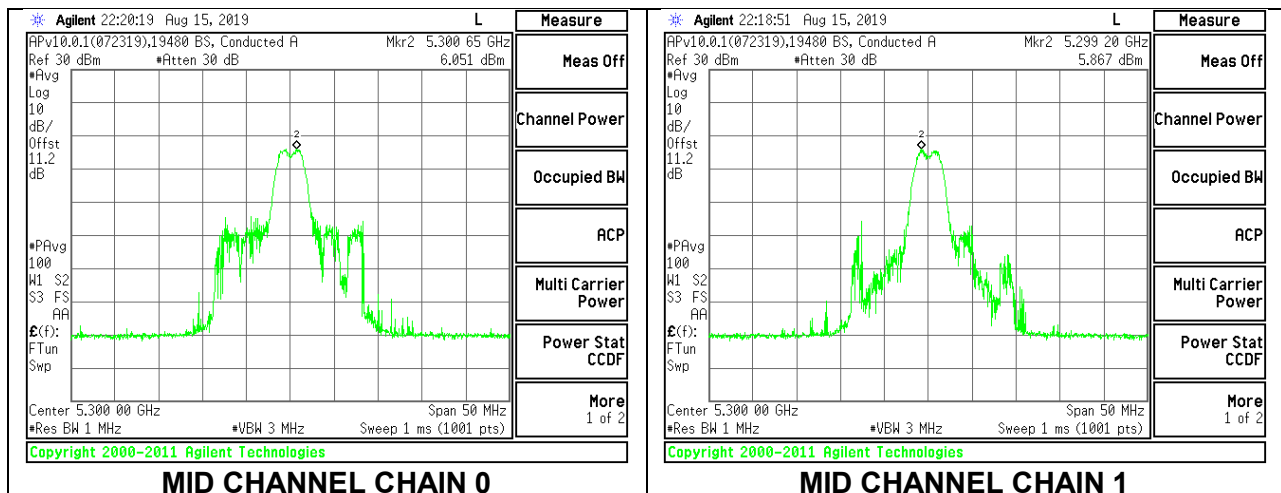
Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU0	5260	6.842	6.812	9.84	10.84	-1.00
Mid / RU4	5300	6.051	5.867	8.97	10.84	-1.87
High / RU8	5320	7.294	6.954	10.14	10.84	-0.70

NOTE: FCC PSD limit is the worst-case limit. Therefore, FCC limit is use to cover IC limit.

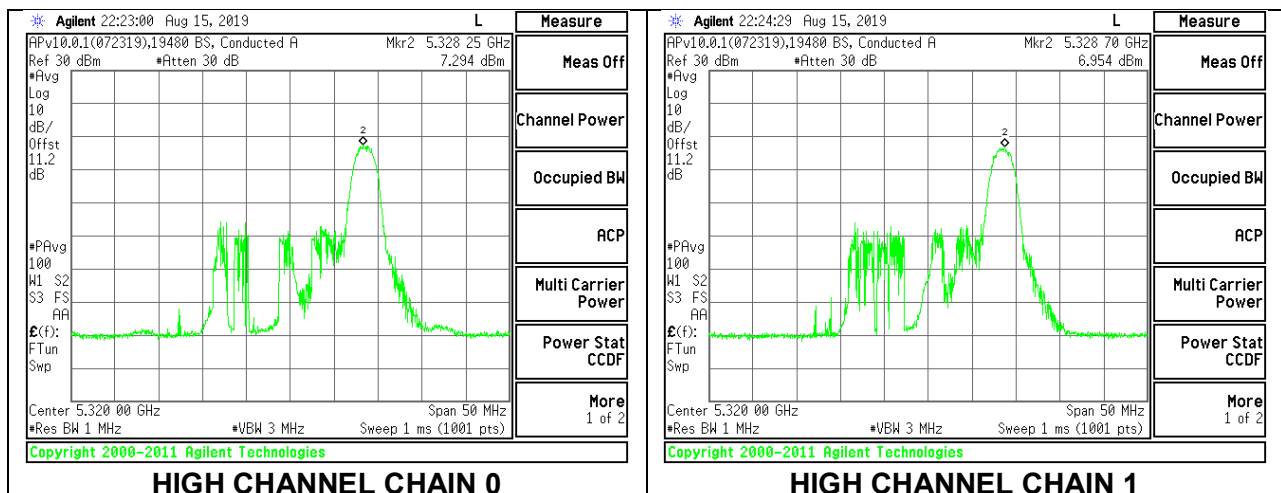
RU Index 0



RU Index 4



RU Index 8



8.4.5. 802.11ax HE40 MODE IN THE 5.3 GHz BAND (FCC/IC)

2TX Chain 0 + Chain 1 SU 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	44.60	6.16	6.16	23.84	10.84
High	5310	44.90	6.16	6.16	23.84	10.84

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	15.32	15.44	18.39	23.84	-5.45
High	5310	15.36	15.52	18.45	23.84	-5.39

2TX Chain 0 + Chain 1 OFDMA MODE (FCC) – 484-Tones, RU Index 65

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	44.70	6.16	6.16	23.84	10.84
High	5310	45.30	6.16	6.16	23.84	10.84

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

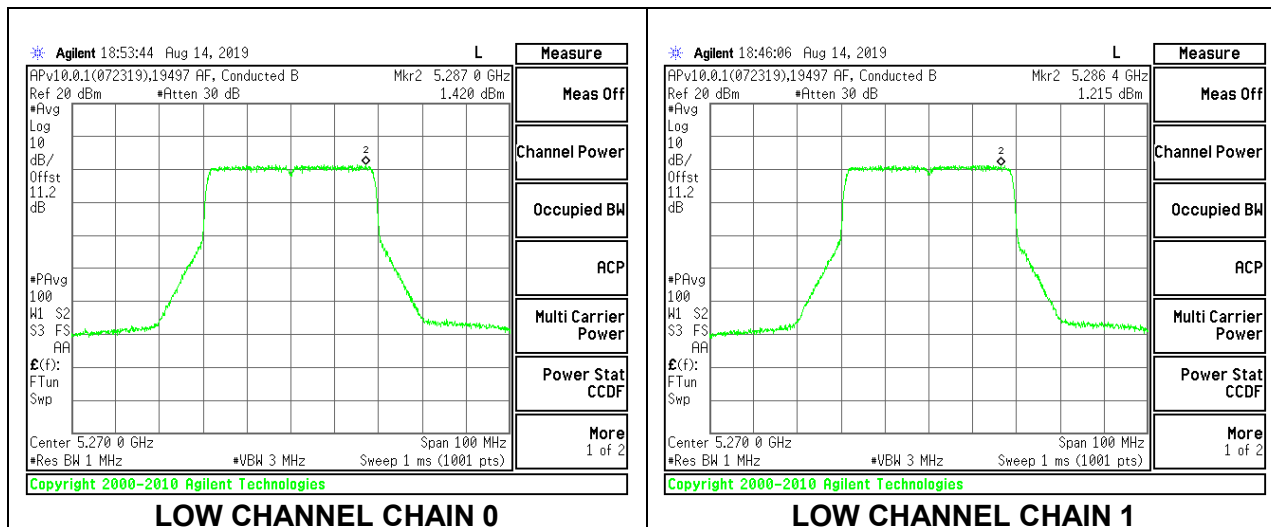
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	15.46	15.52	18.50	23.84	-5.34
High	5310	15.41	15.48	18.46	23.84	-5.38

PSD Results

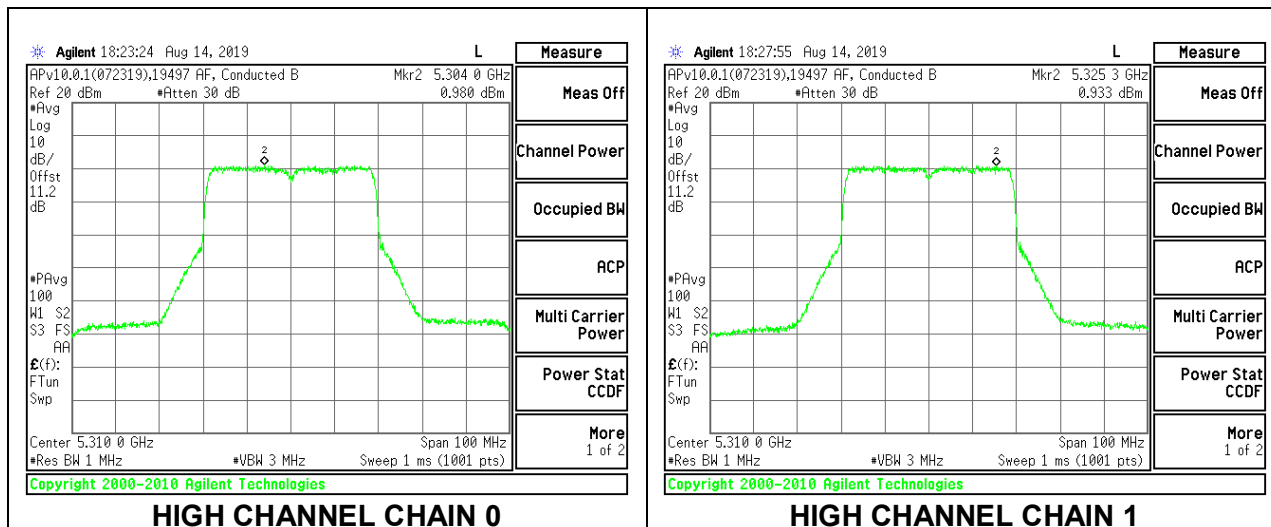
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	1.420	1.215	4.33	10.84	-6.51
High	5310	0.980	0.933	3.97	10.84	-6.87

NOTE: FCC PSD limit is the worst-case limit. Therefore, FCC limit is use to cover IC limit.

LOW CHANNEL



HIGH CHANNEL



2TX Chain 0 + Chain 1 OFDMA MODE (FCC) – 242-Tones

Bandwidth, Antenna Gain, and Limits

Channel / RU Index	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 / RU61	5270	23.90	6.16	6.16	23.84	10.84
High / RU62	5310	25.90	6.16	6.16	23.84	10.84

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

Channel / RU Index	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low / RU61	5270	17.28	17.57	20.44	23.84	-3.40
High / RU62	5310	17.26	17.62	20.45	23.84	-3.39

PSD Results

Channel / RU Index	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low / RU61	5270	4.612	4.360	7.50	10.84	-3.34
High / RU62	5310	3.777	3.889	6.84	10.84	-4.00

NOTE: FCC PSD limit is the worst-case limit. Therefore, FCC limit is use to cover IC limit.