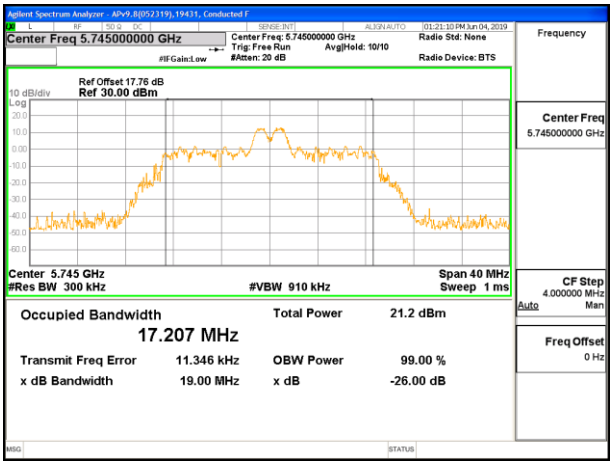
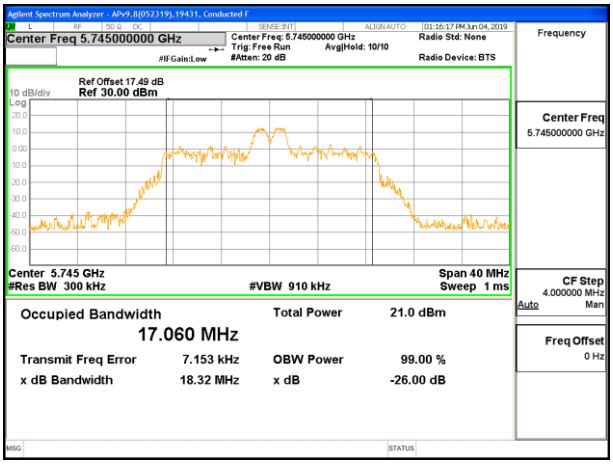
2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 4

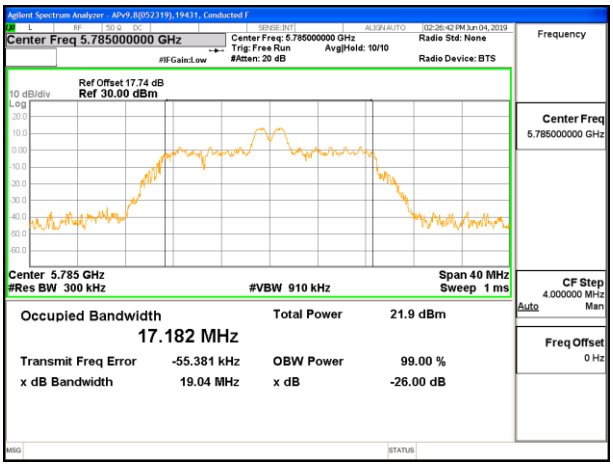
Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	17.207	17.060
Mid	5785	17.182	16.991
High	5825	17.291	16.802



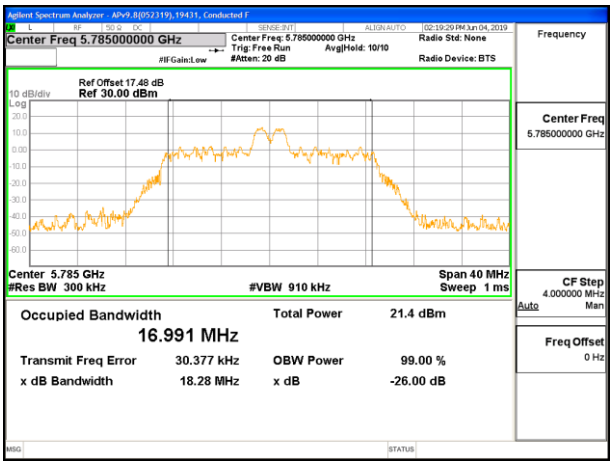
LOW CHANNEL ANT 6



LOW CHANNEL ANT 5



MID CHANNEL ANT 6



MID CHANNEL ANT 5

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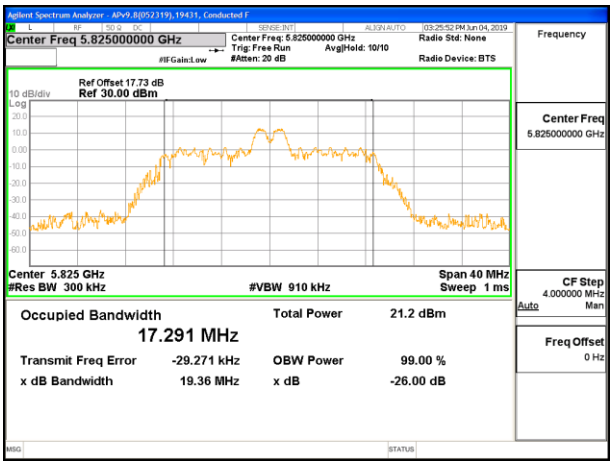
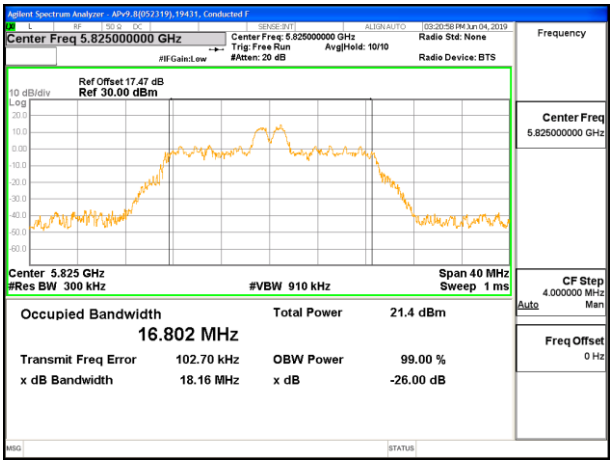


HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

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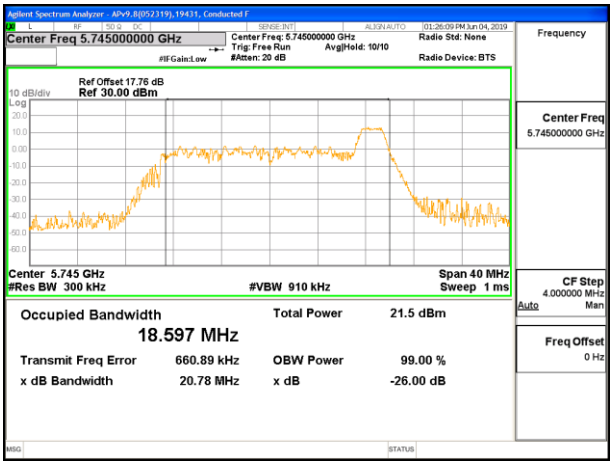
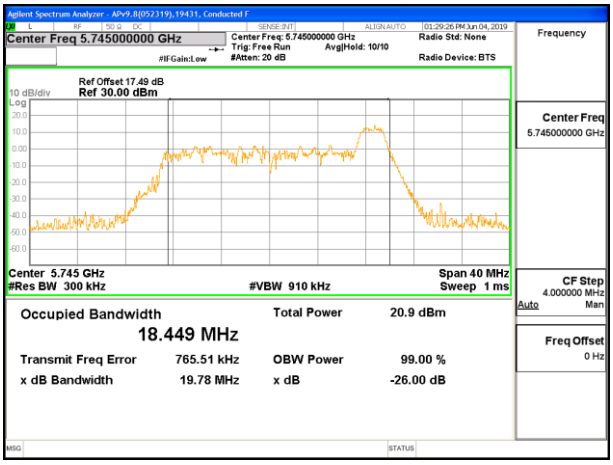
2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 8

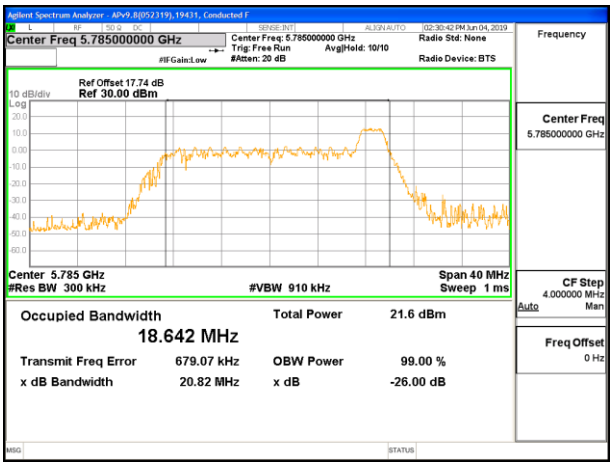
Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5745	18.597	18.449
Mid	5785	18.642	18.454
High	5825	18.461	18.415



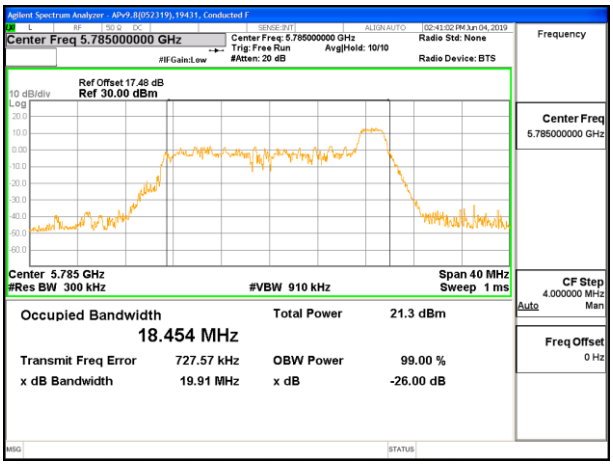
LOW CHANNEL ANT 6



LOW CHANNEL ANT 5



MID CHANNEL ANT 6



MID CHANNEL ANT 5

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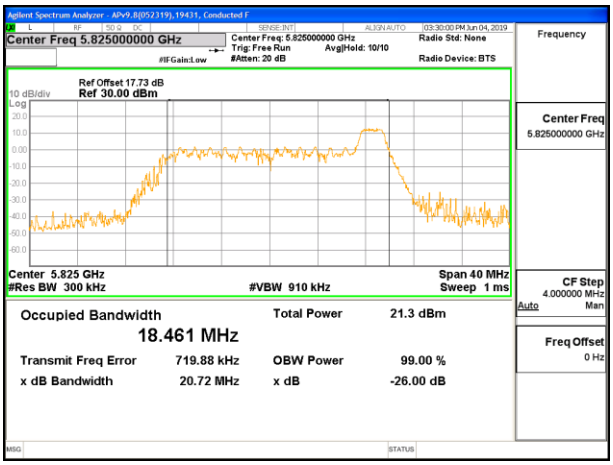
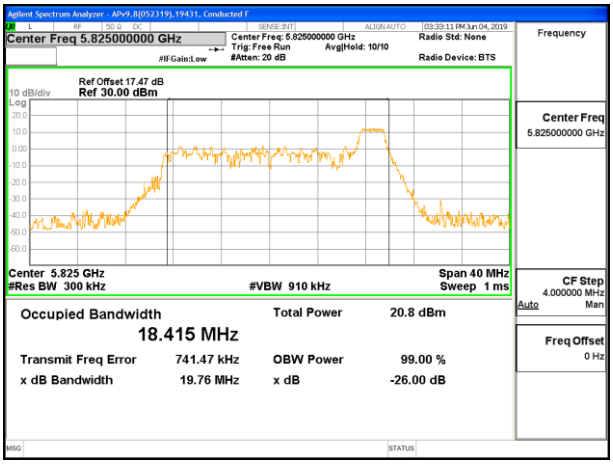


HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

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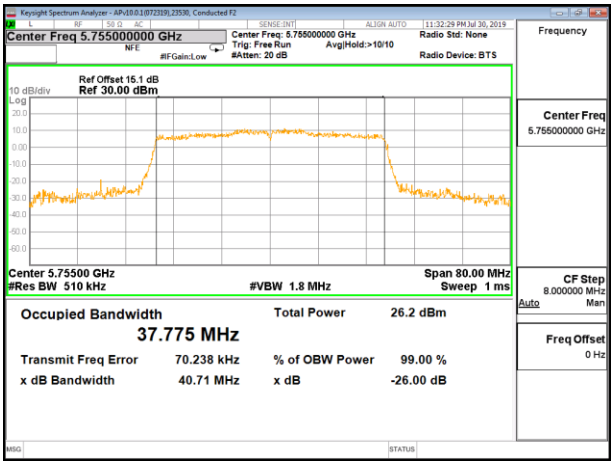
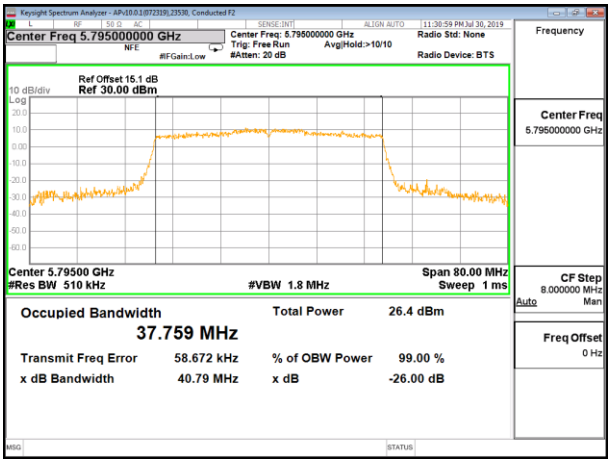
8.3.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	37.775
High	5795	37.759



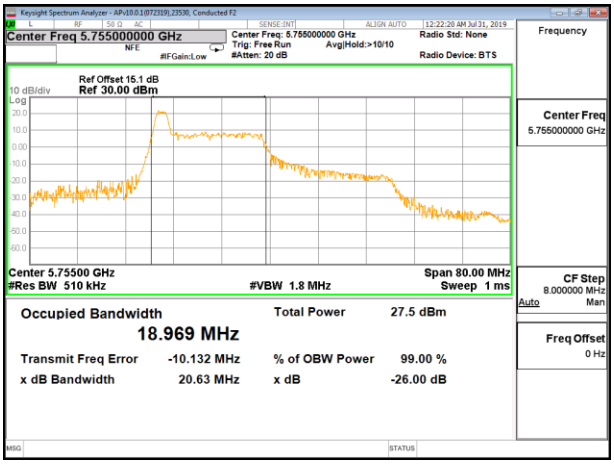
LOW CHANNEL



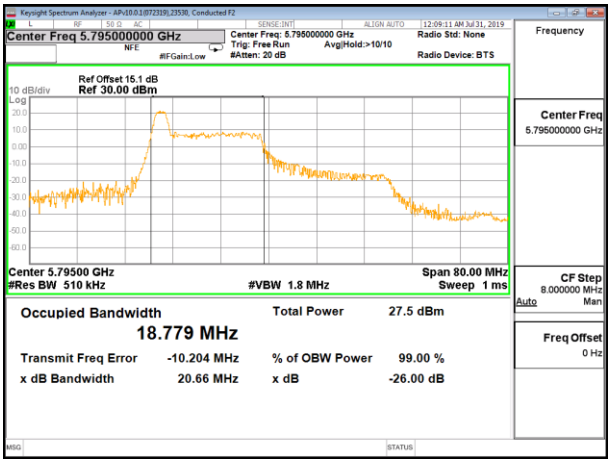
HIGH CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.969
High	5795	18.779



LOW CHANNEL



HIGH CHANNEL

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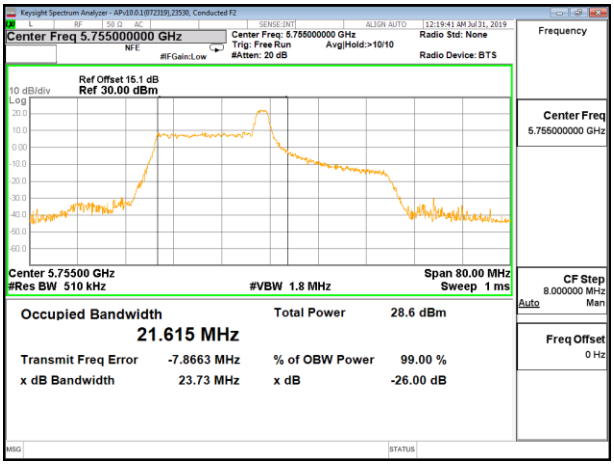
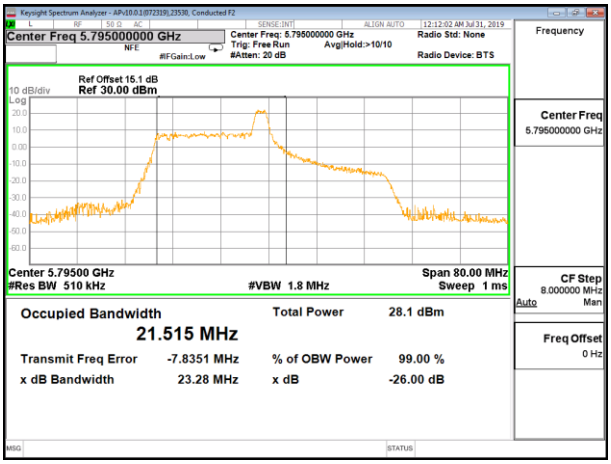
1TX Antenna 6 MODE – 26-Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	21.615
High	5795	21.515



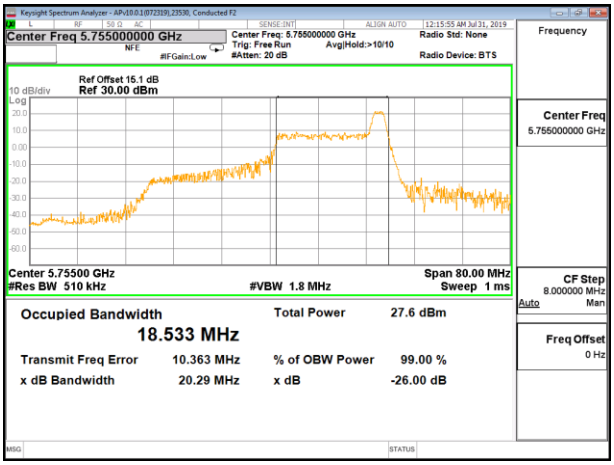
LOW CHANNEL



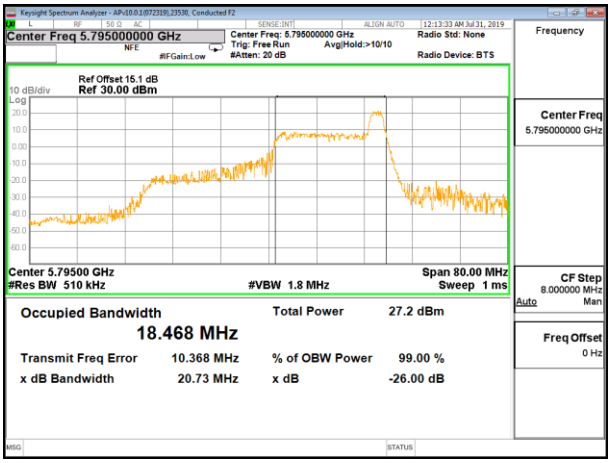
HIGH CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.533
High	5795	18.468



LOW CHANNEL



HIGH CHANNEL

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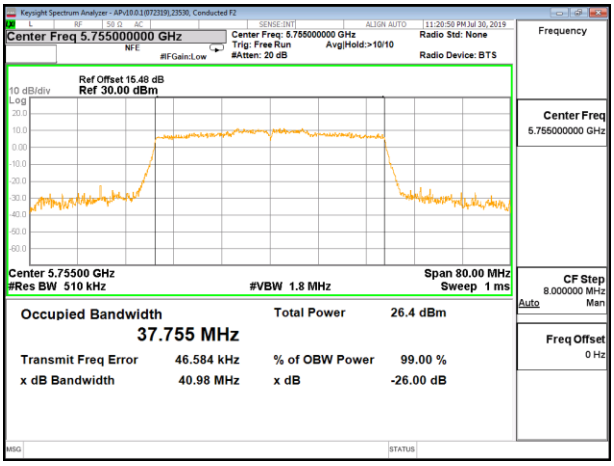
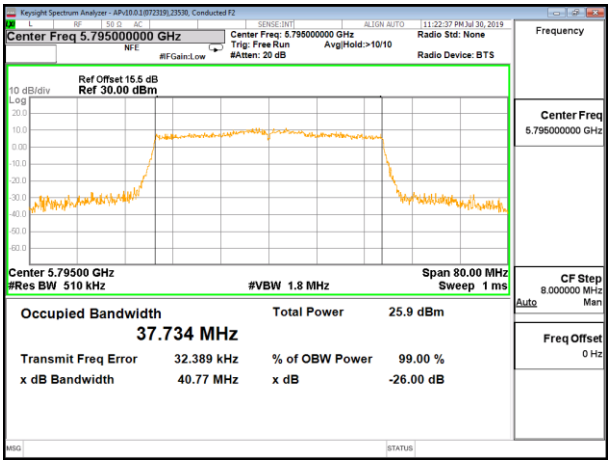
1TX Antenna 5 MODE – 484-Tones, RU Index 65

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	37.755
High	5795	37.734



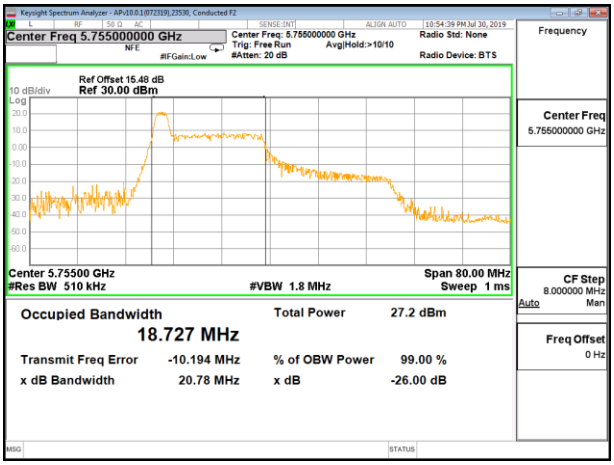
LOW CHANNEL



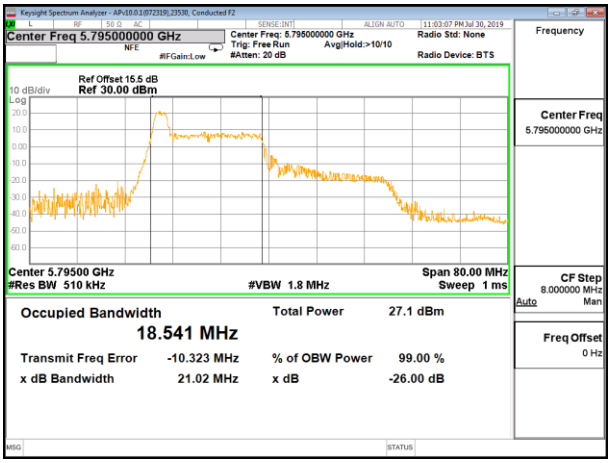
HIGH CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.727
High	5795	18.541



LOW CHANNEL



HIGH CHANNEL

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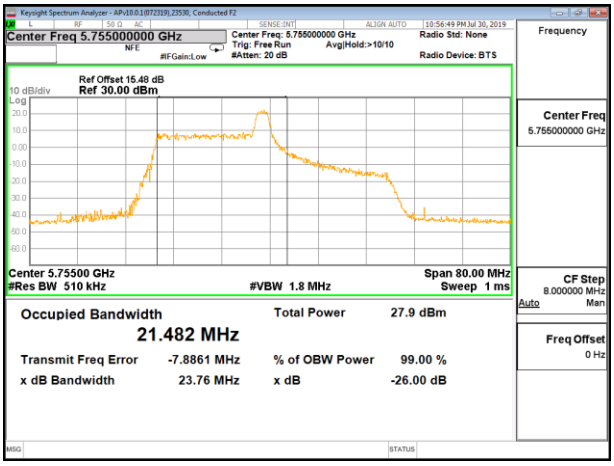
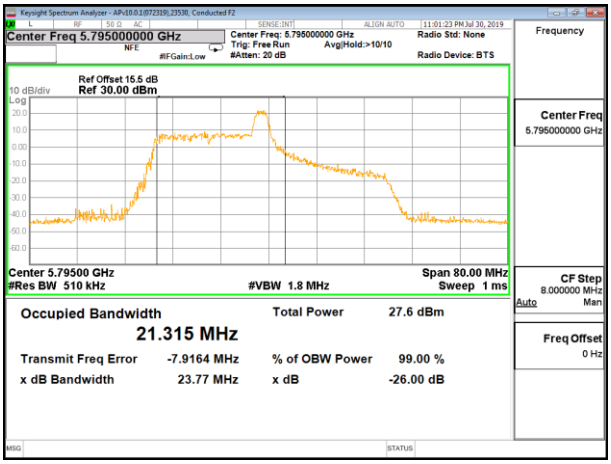
1TX Antenna 5 MODE – 26-Tones, RU Index 8

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	21.482
High	5795	21.315



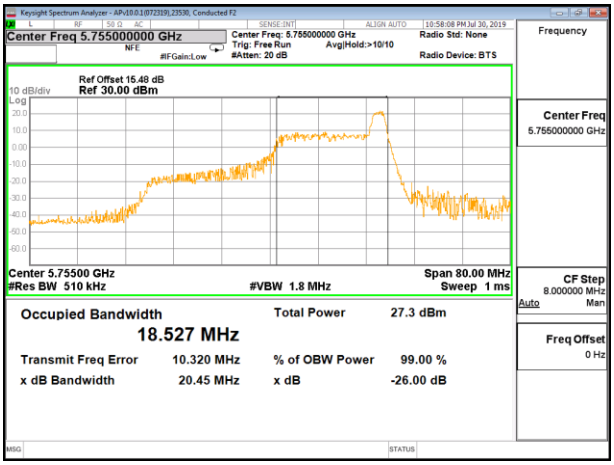
LOW CHANNEL



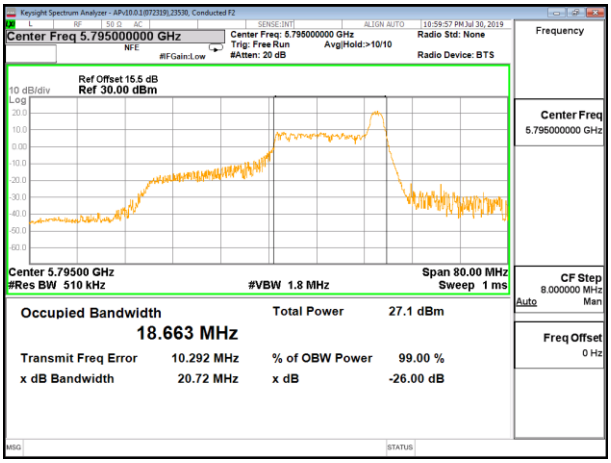
HIGH CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	18.527
High	5795	18.663



LOW CHANNEL



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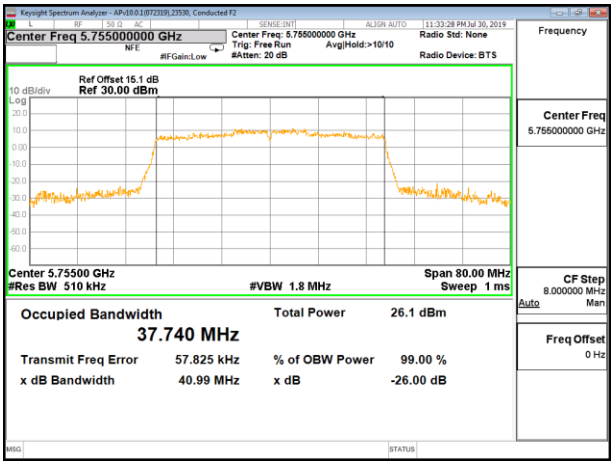
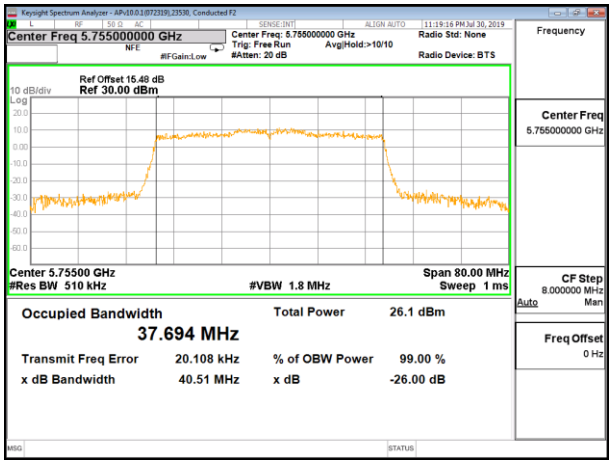
2TX Antenna 6 + Antenna 5 OFDMA MODE – 484-Tones, RU Index 65

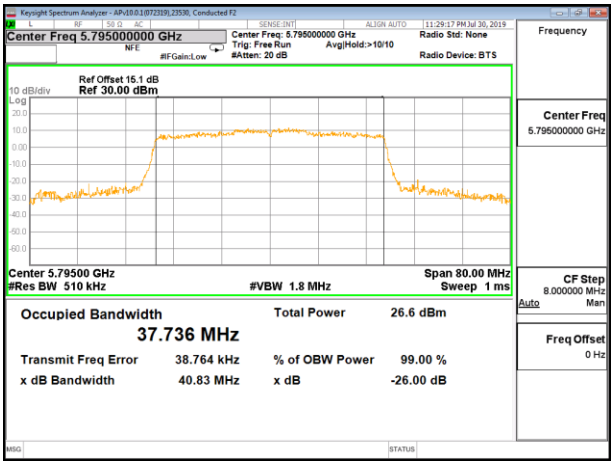
Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	37.740	37.694
High	5795	37.736	37.723



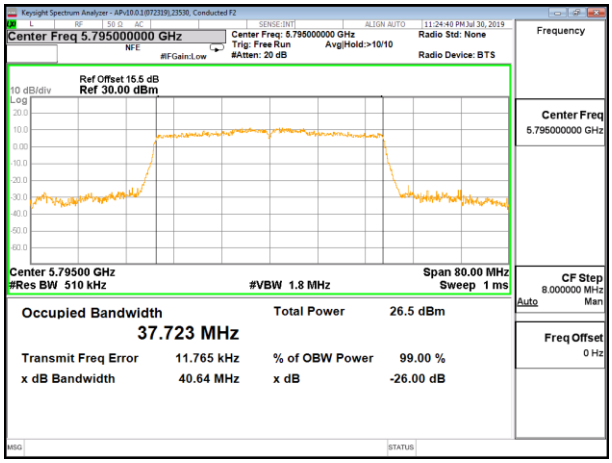
LOW CHANNEL ANT 6



LOW CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

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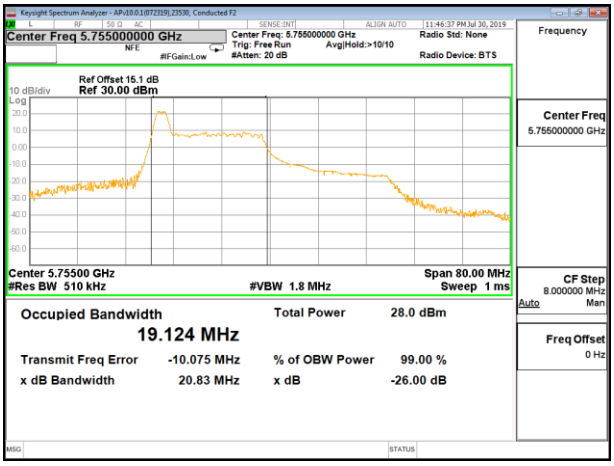
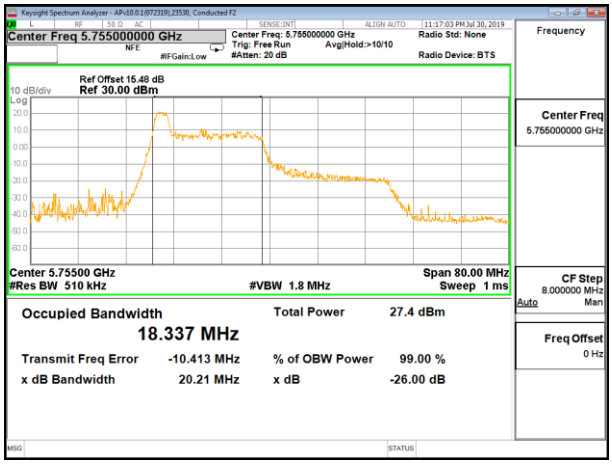
2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 0

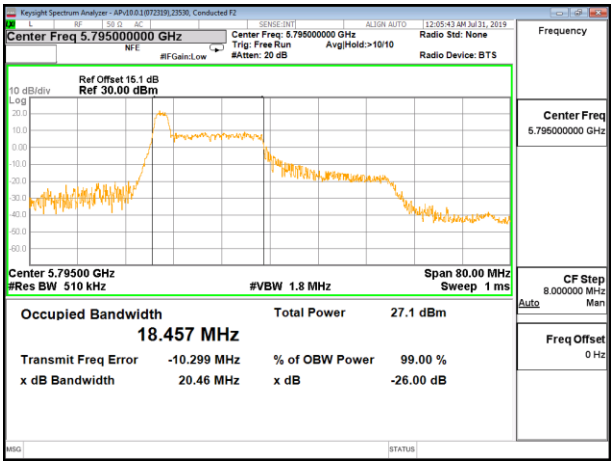
Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	19.124	18.337
High	5795	18.457	18.335



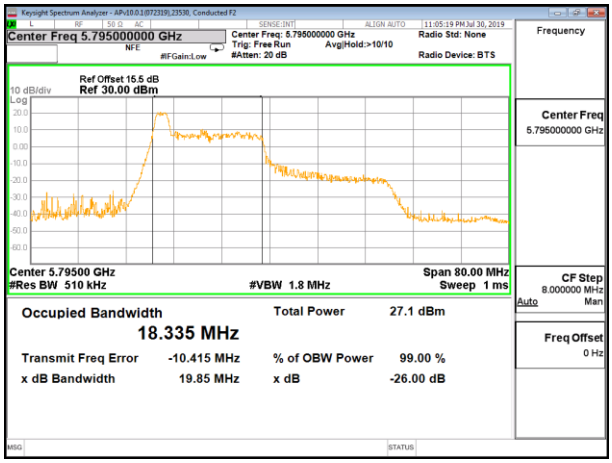
LOW CHANNEL ANT 6



LOW CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

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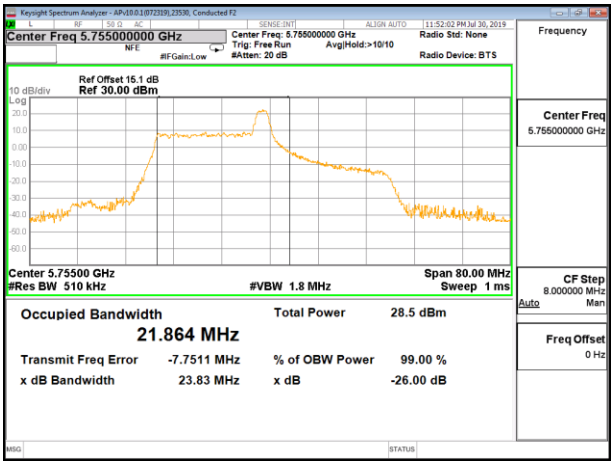
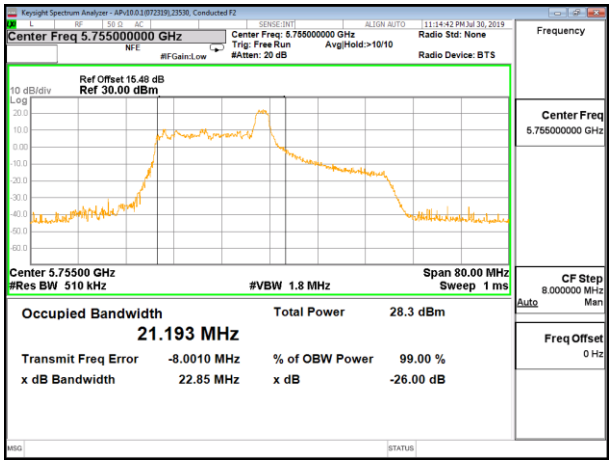
2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 8

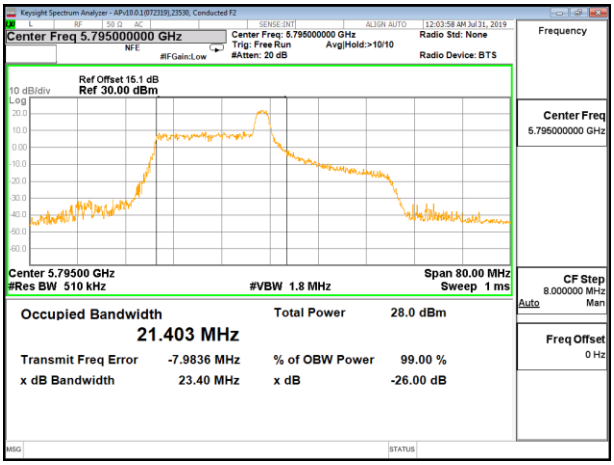
Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	21.864	21.193
High	5795	21.403	21.177



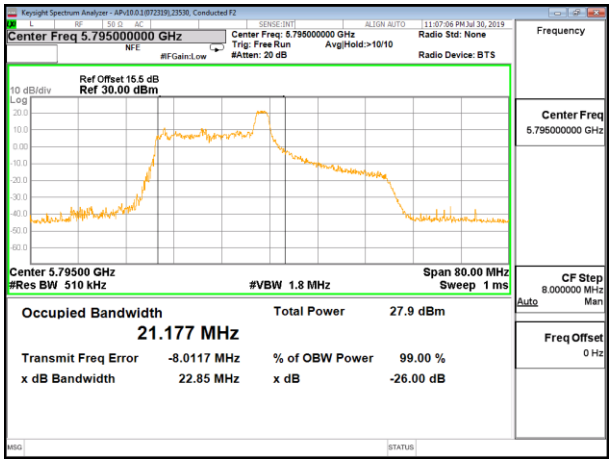
LOW CHANNEL ANT 6



LOW CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

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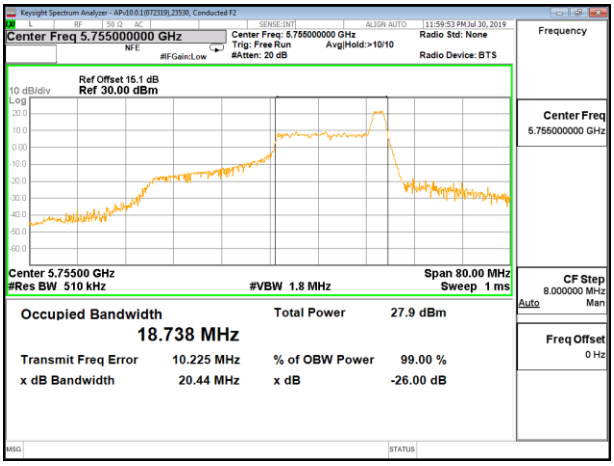
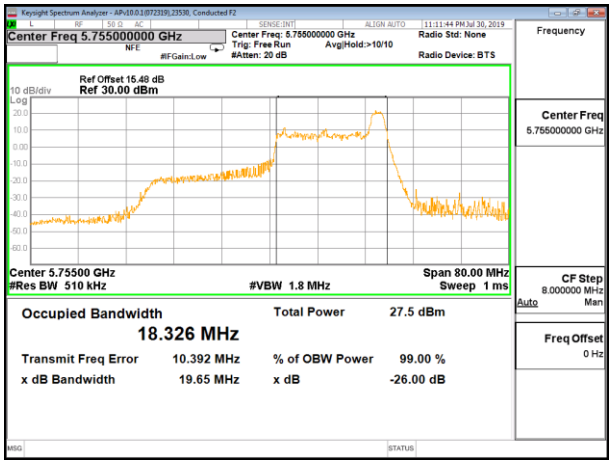
2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 17

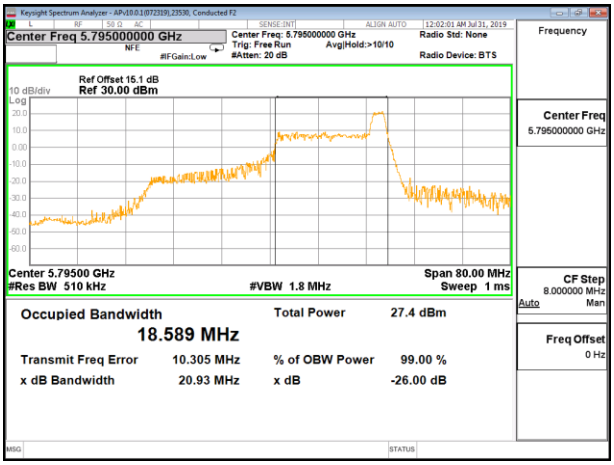
Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Low	5755	18.738	18.326
High	5795	18.589	18.250



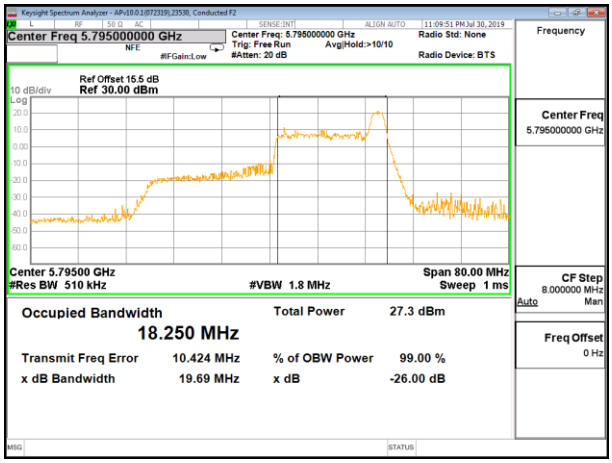
LOW CHANNEL ANT 6



LOW CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

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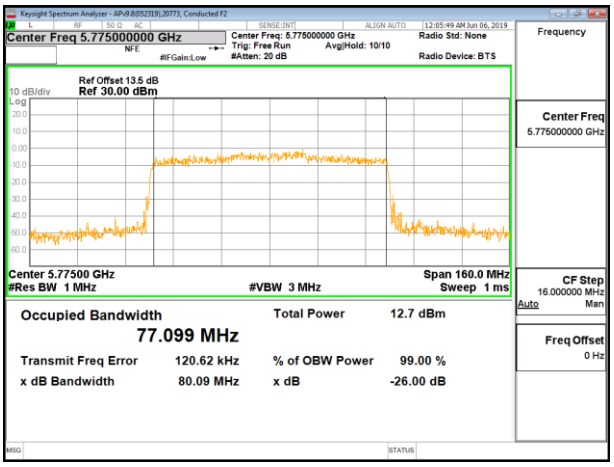
8.3.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

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

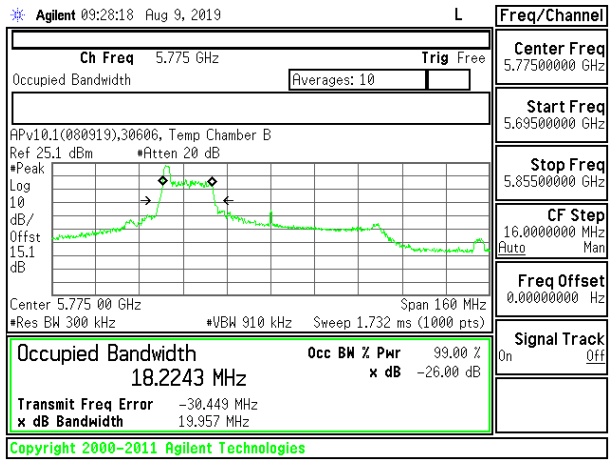
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	77.099



MID CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.224



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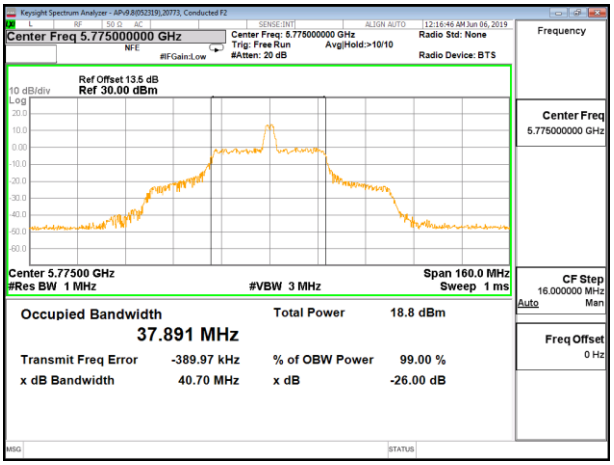
1TX Antenna 6 MODE – 26-Tones, RU Index 18

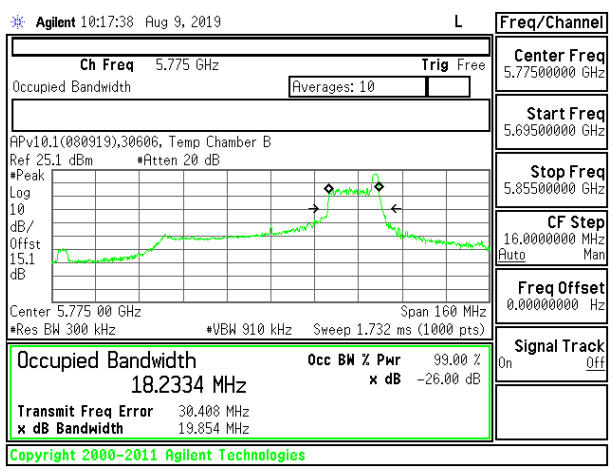
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	37.891



MID CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.233



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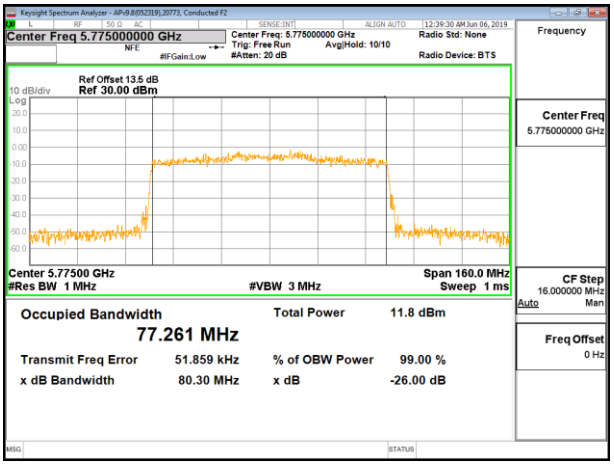
1TX Antenna 5 MODE – 996-Tones, RU Index 67

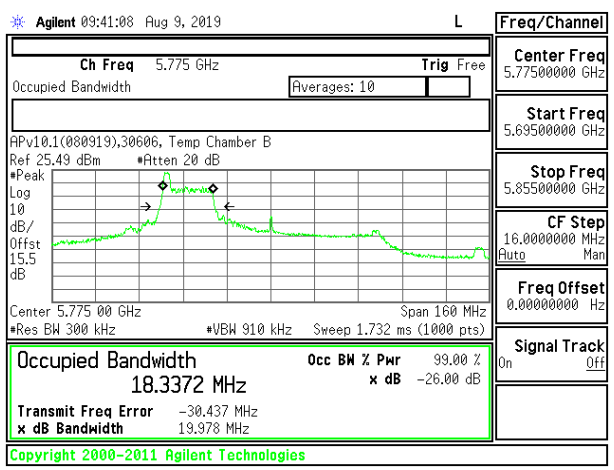
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	77.261



MID CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.337



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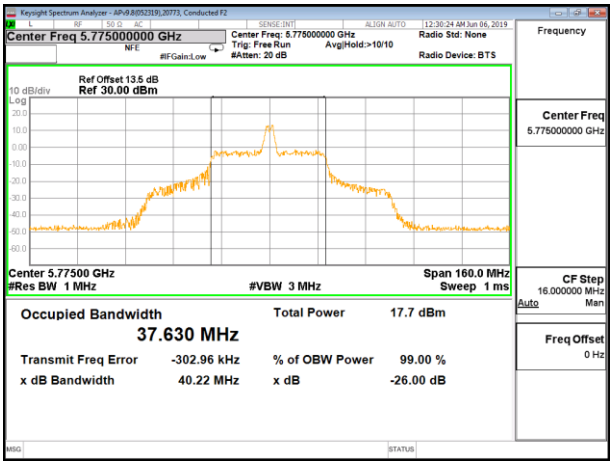
1TX Antenna 5 MODE – 26-Tones, RU Index 18

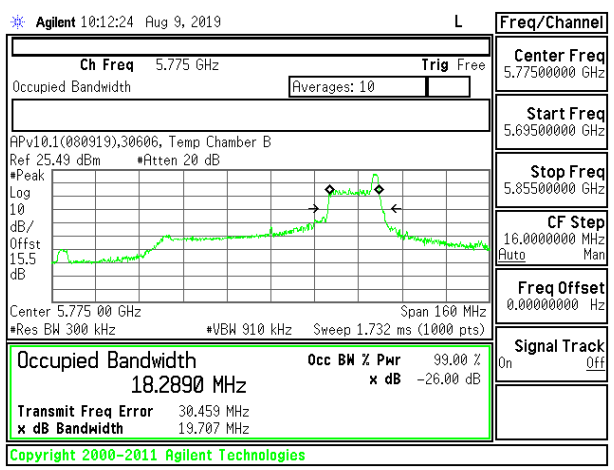
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	37.630



MID CHANNEL

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

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	18.289



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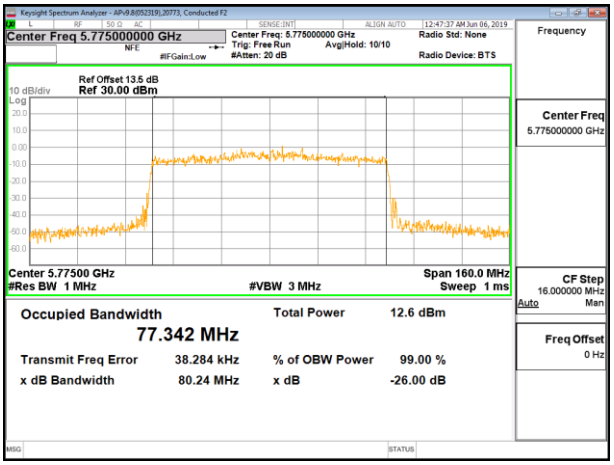
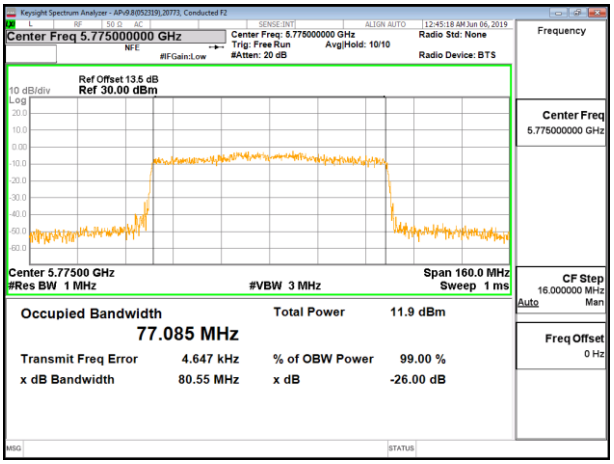
2TX Antenna 6 + Antenna 5 OFDMA MODE – 996-Tones, RU Index 67

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	77.342	77.085



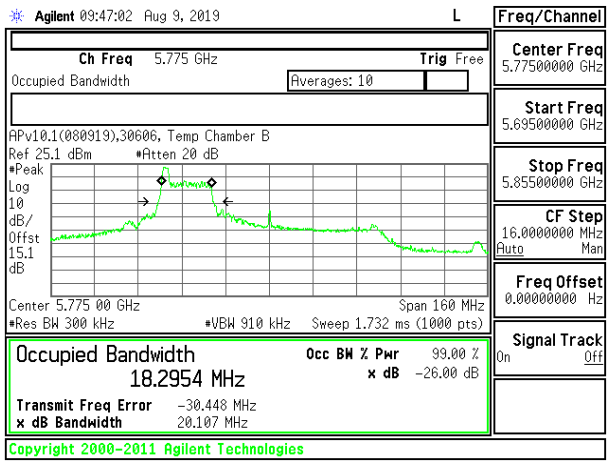
MID CHANNEL ANT 6



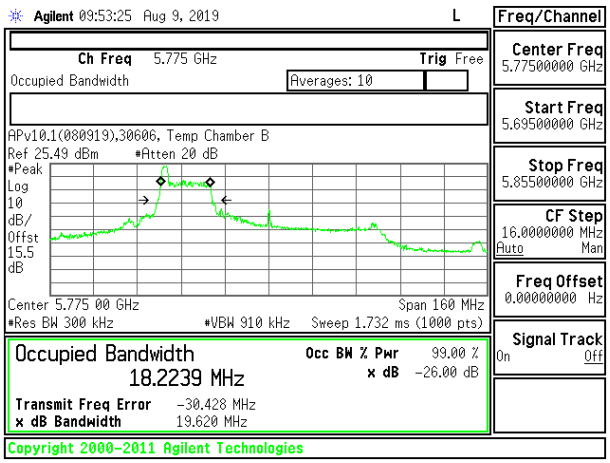
MID CHANNEL ANT 5

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

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	18.295	18.224



MID CHANNEL ANT 6



MID CHANNEL ANT 5

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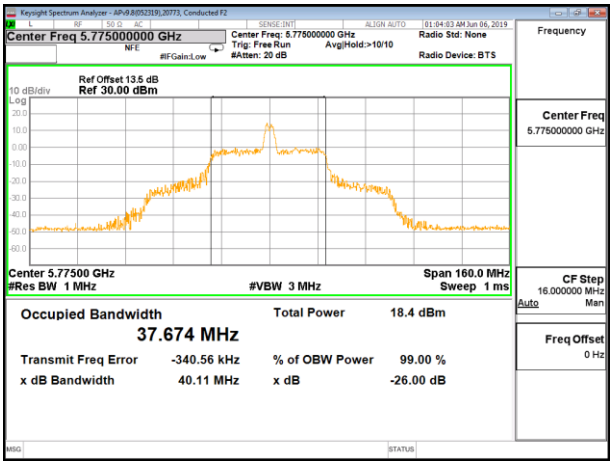
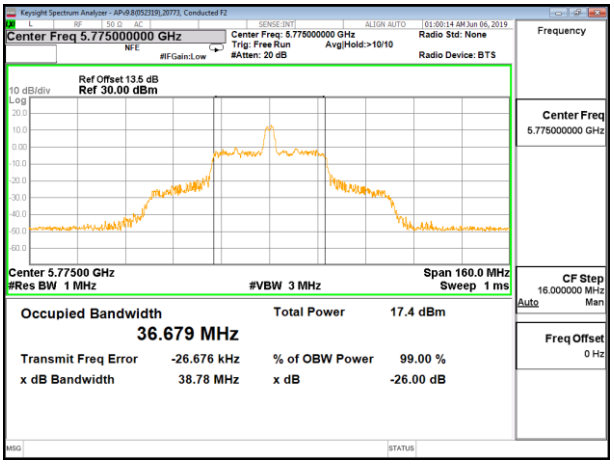
2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 18

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	37.674	36.679



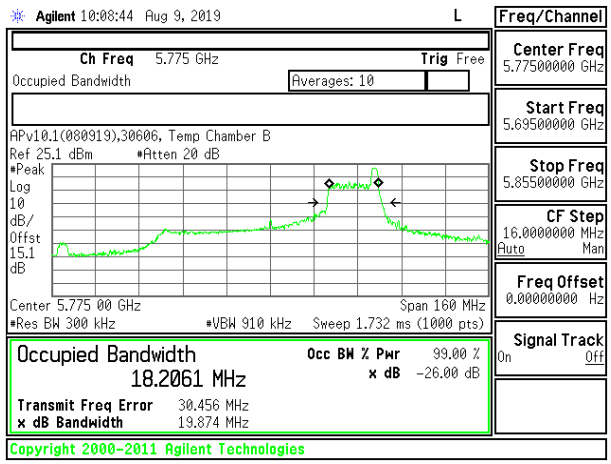
MID CHANNEL ANT 6



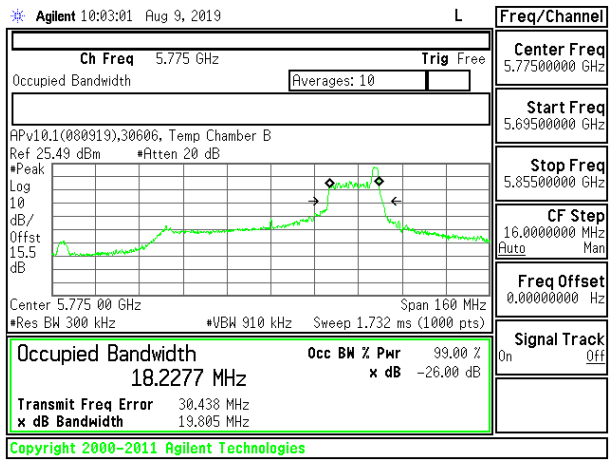
MID CHANNEL ANT 5

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

Channel	Frequency (MHz)	99% Bandwidth Antenna 6 (MHz)	99% Bandwidth Antenna 5 (MHz)
Mid	5775	18.206	18.228



MID CHANNEL ANT 6



MID CHANNEL ANT 5

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8.4. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

Note: No 6dB emission bandwidth after 5725MHz in following settings:

11ax HE20 Mode, 26 Tone, RU index 0, 4
11ax HE40 Mode, 26 Tone, RU index 0, 8
11ax HE80 Mode, 26 Tone, RU index 0, 18

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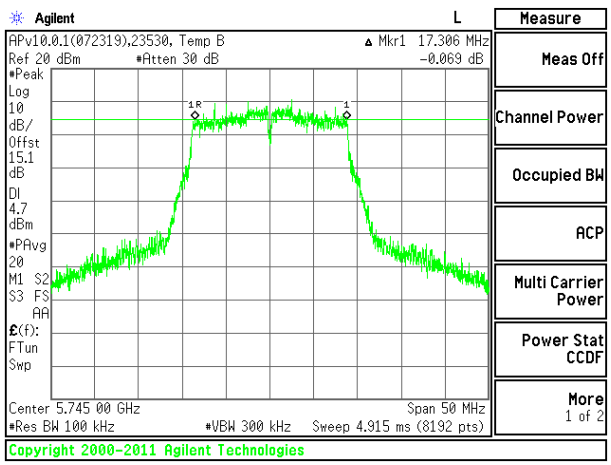
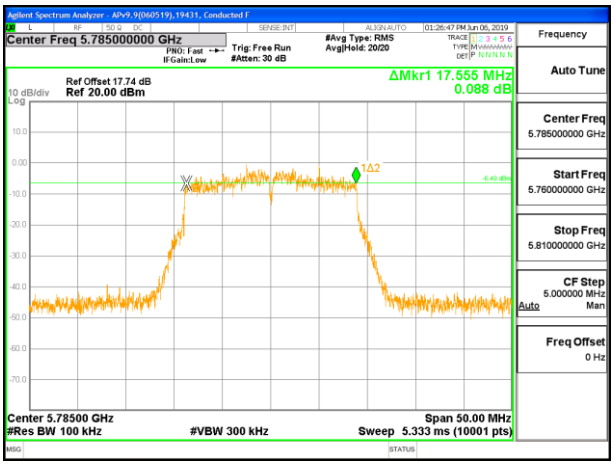
8.4.1. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

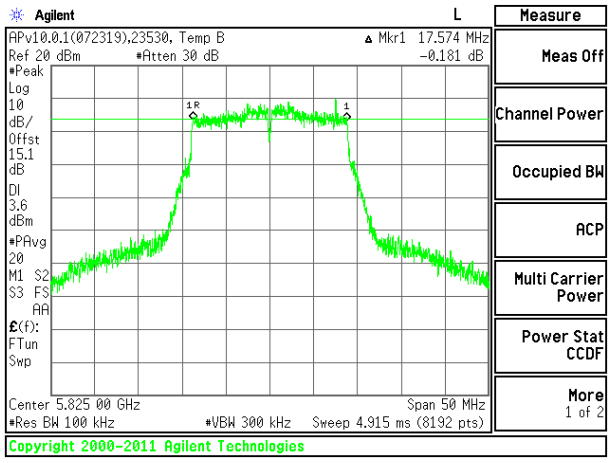
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.306	0.5
Mid	5785	17.555	0.5
High	5825	17.574	0.5
144	5720	3.920	0.5



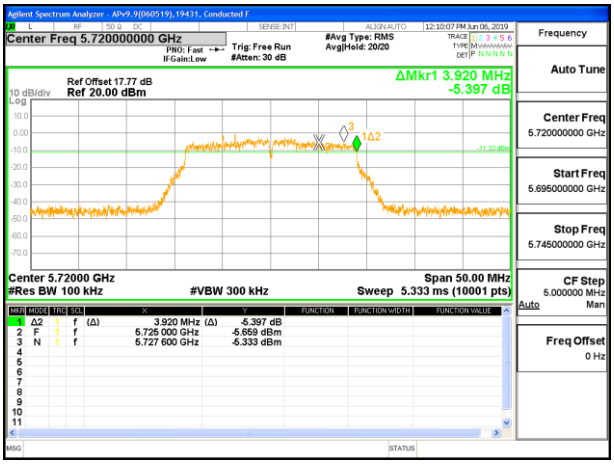
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144

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