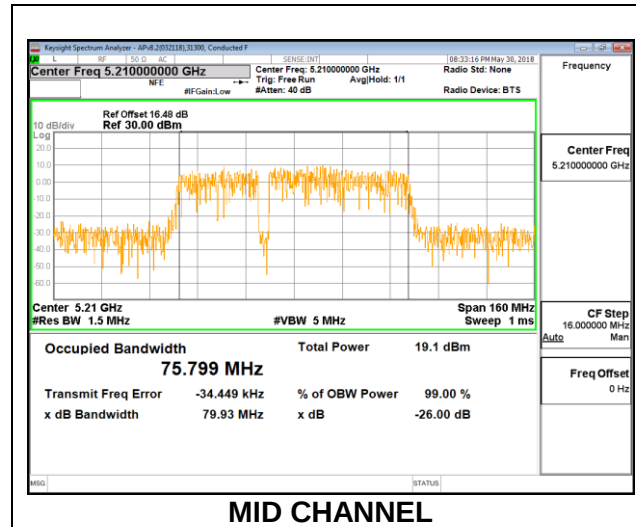


8.3.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

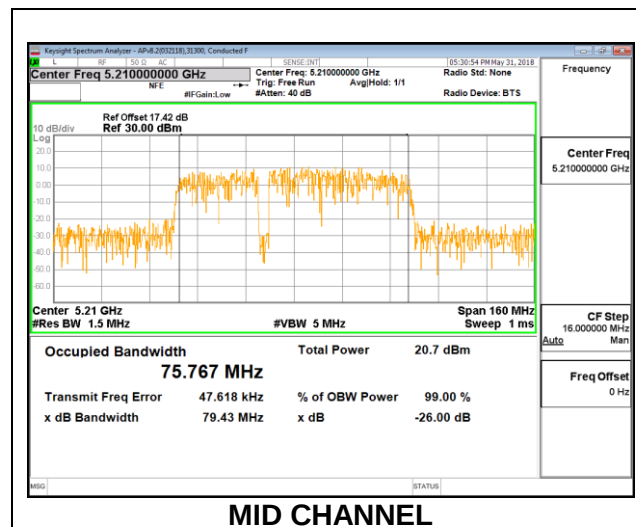
1TX Antenna 4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5210	75.799



1TX ANTENNA 5

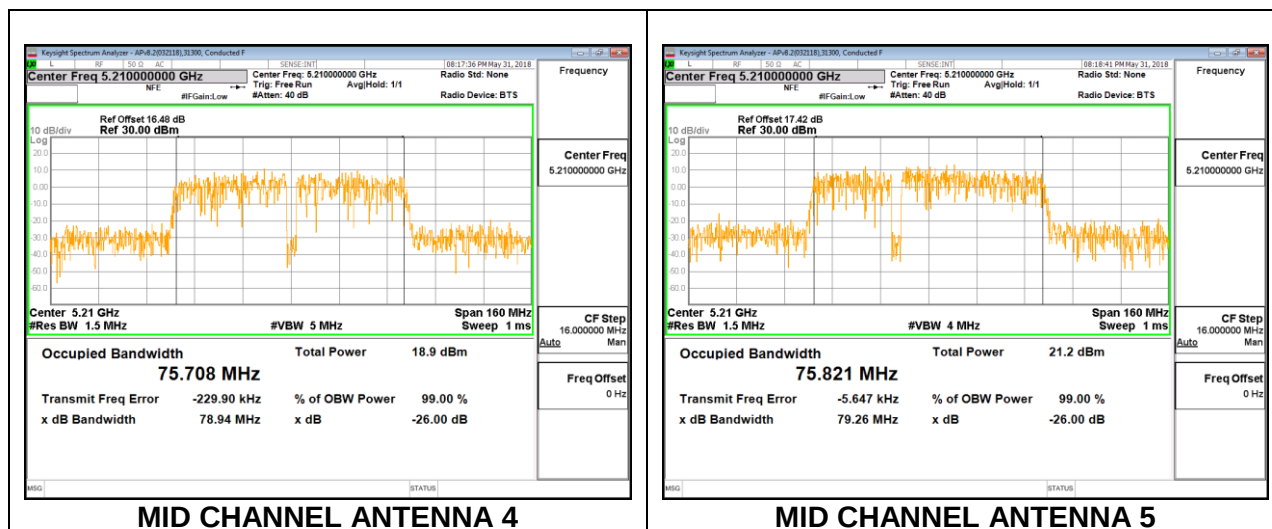
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5210	75.767



2TX Antenna 4 + ANTENNA 5 CDD MODE

Channel	Frequency	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Mid	5210	75.708	75.821

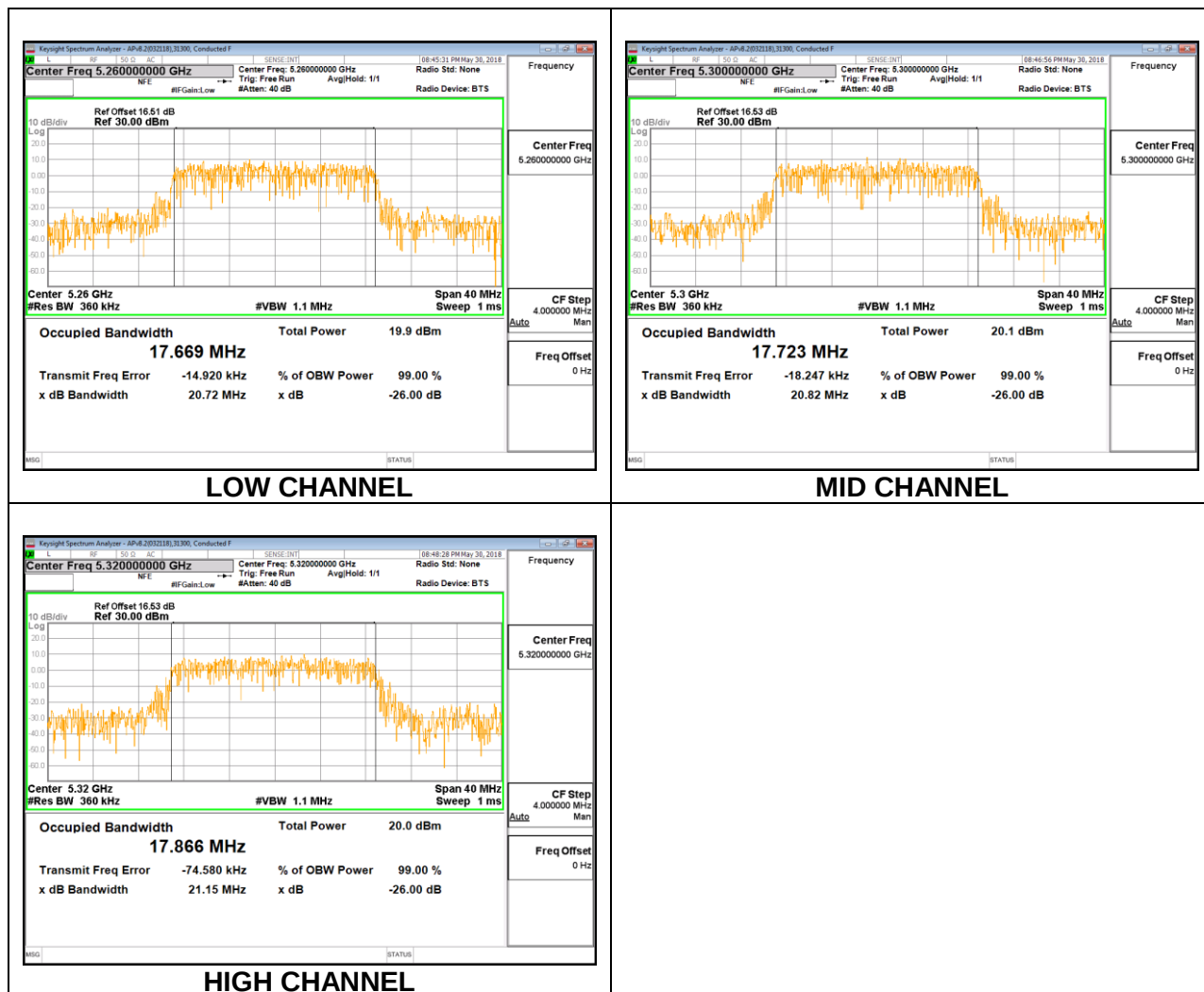
MID CHANNEL



8.3.4. 802.11n HT20 MODE IN THE 5.3 GHz BAND

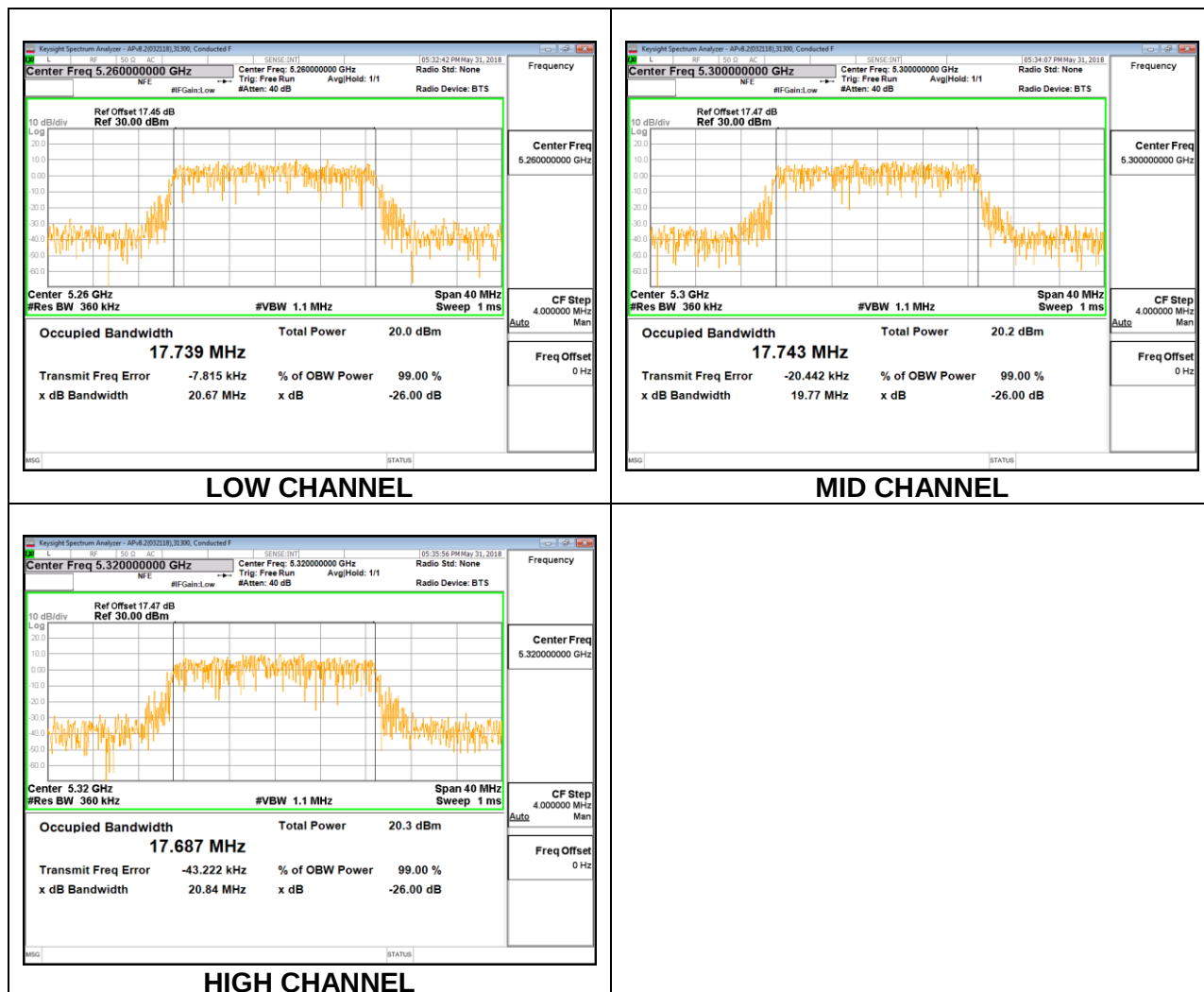
1TX Antenna 4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	17.669
Mid	5300	17.723
High	5320	17.866



1TX ANTENNA 5

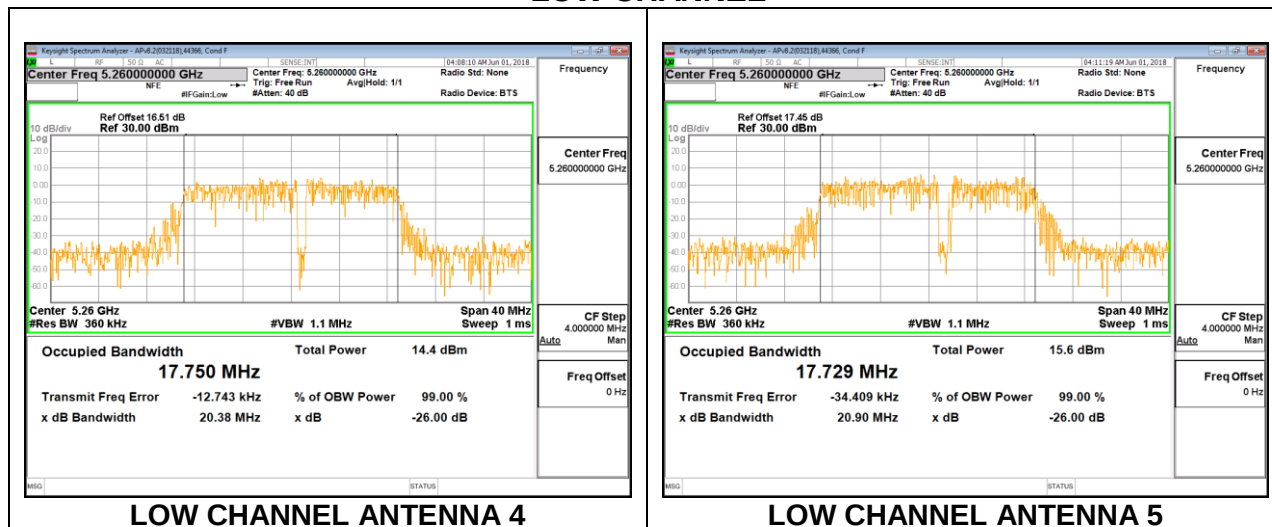
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5260	17.739
Mid	5300	17.743
High	5320	17.687



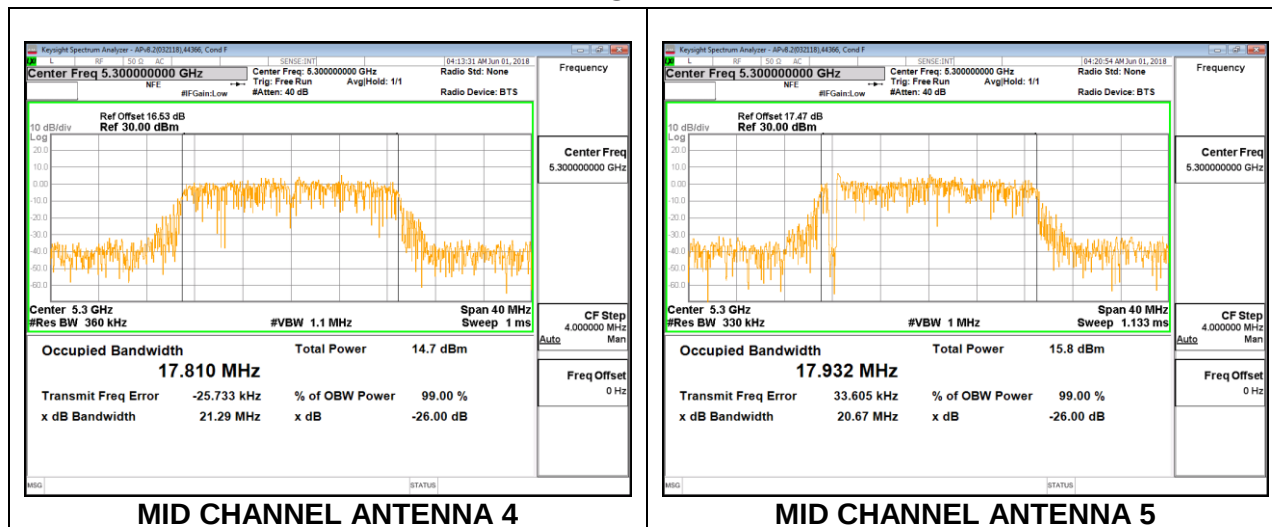
2TX Antenna 4 + ANTENNA 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5260	17.750	17.729
Mid	5300	17.810	17.932
High	5320	17.720	17.759

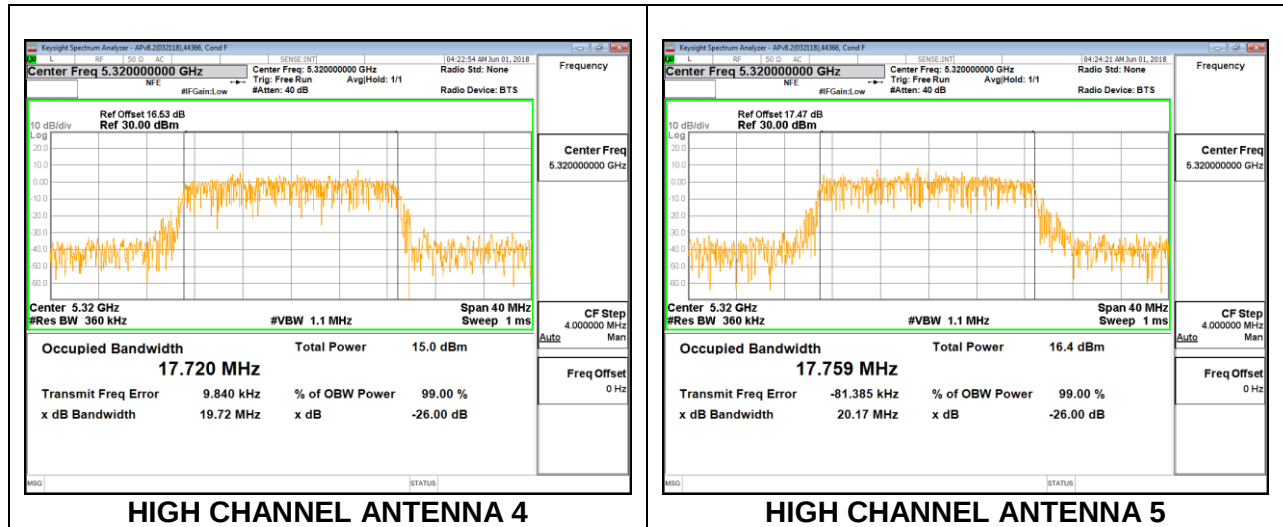
LOW CHANNEL



MID CHANNEL



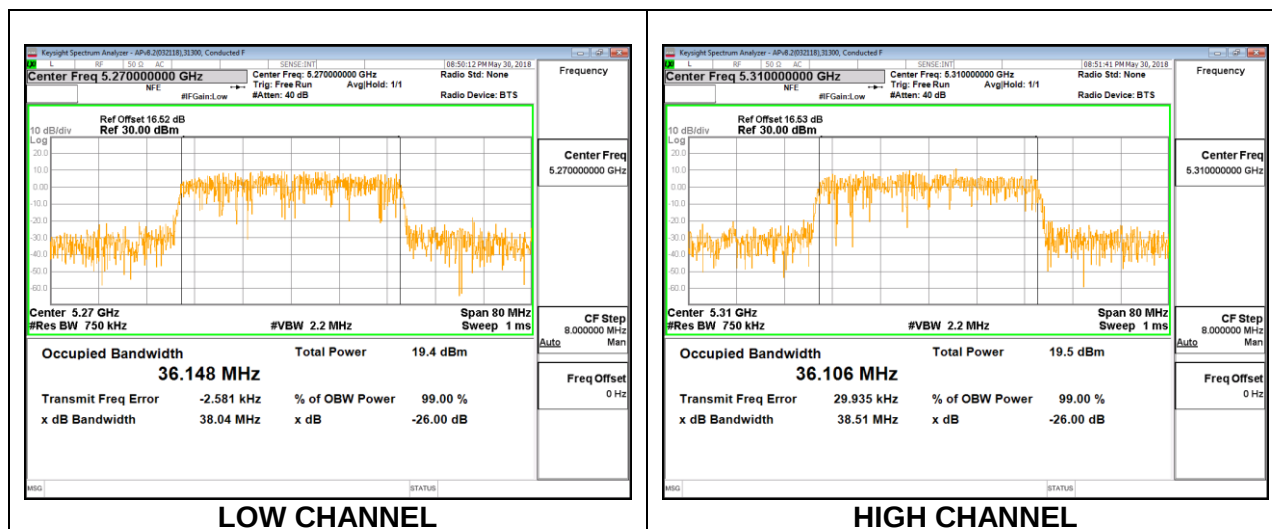
HIGH CHANNEL



8.3.5. 802.11n HT40 MODE IN THE 5.3 GHz BAND

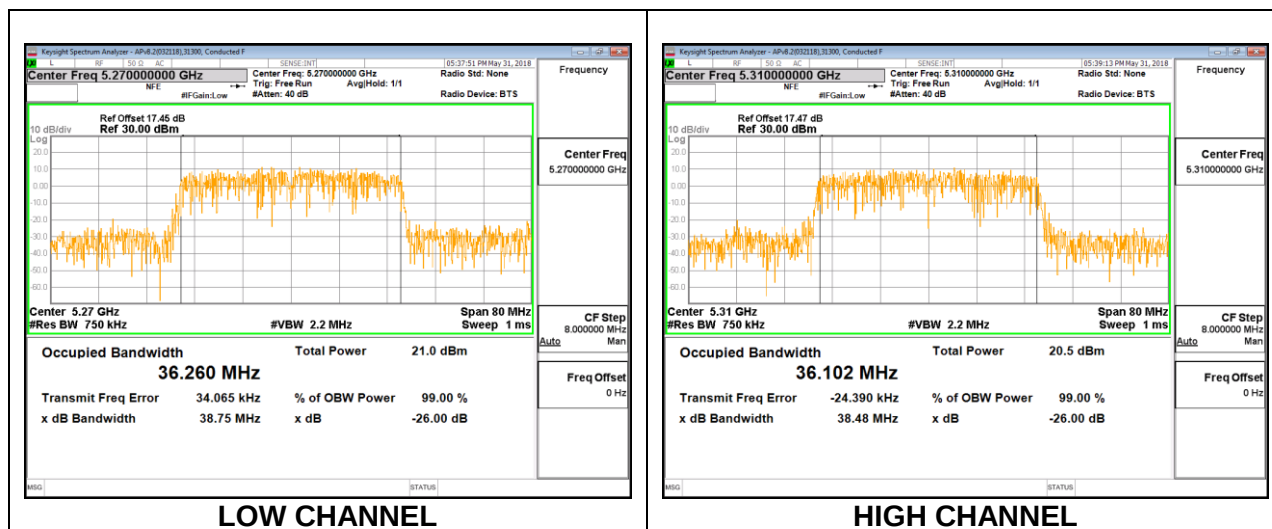
1TX Antenna 4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5270	36.148
High	5310	36.106



1TX ANTENNA 5

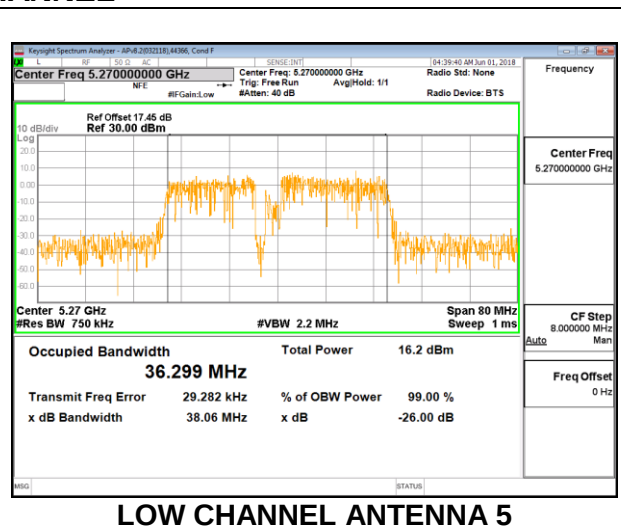
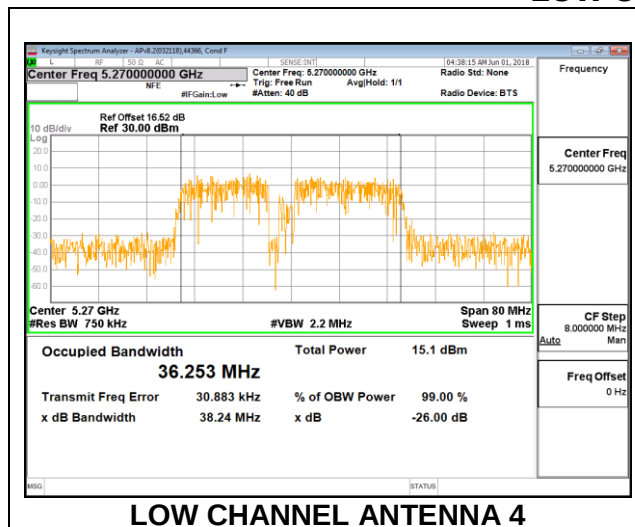
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5270	36.260
High	5310	36.102



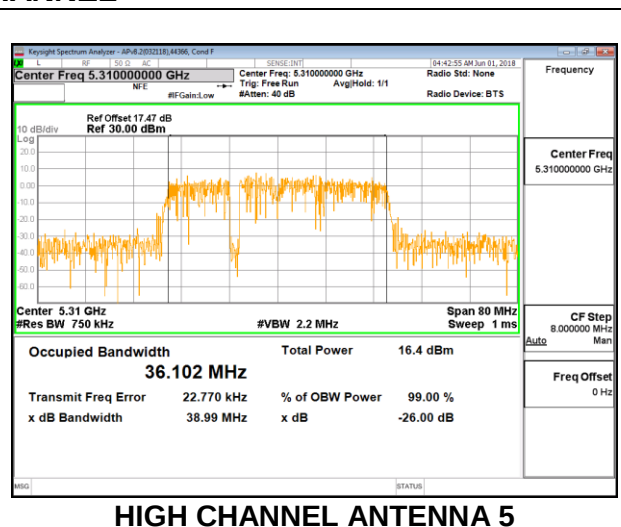
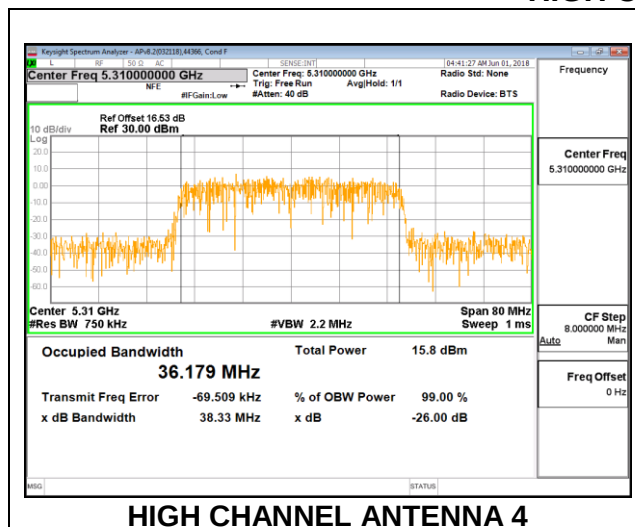
2TX Antenna 4 + ANTENNA 5 CDD MODE

Channel	Frequency	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5270	36.253	36.299
High	5310	36.179	36.102

LOW CHANNEL



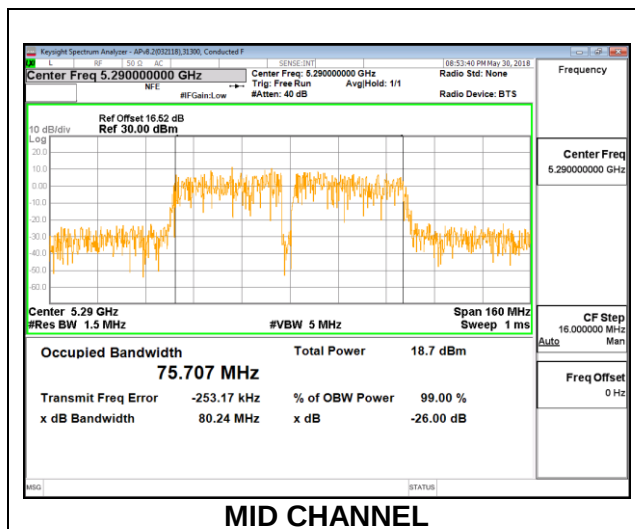
HIGH CHANNEL



8.3.6. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

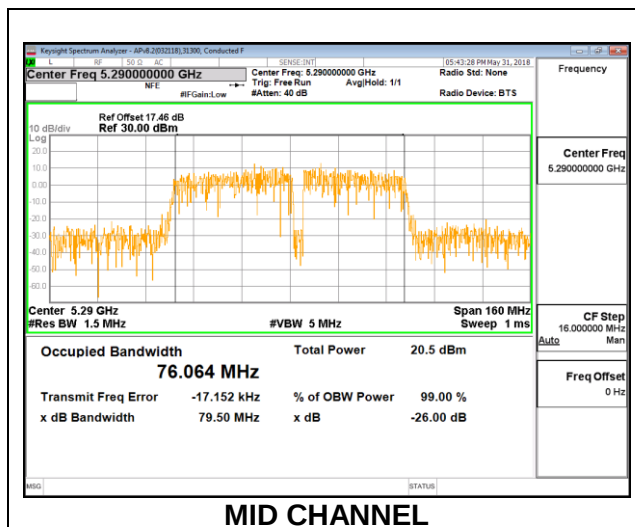
1TX Antenna 4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	75.707



1TX ANTENNA 5

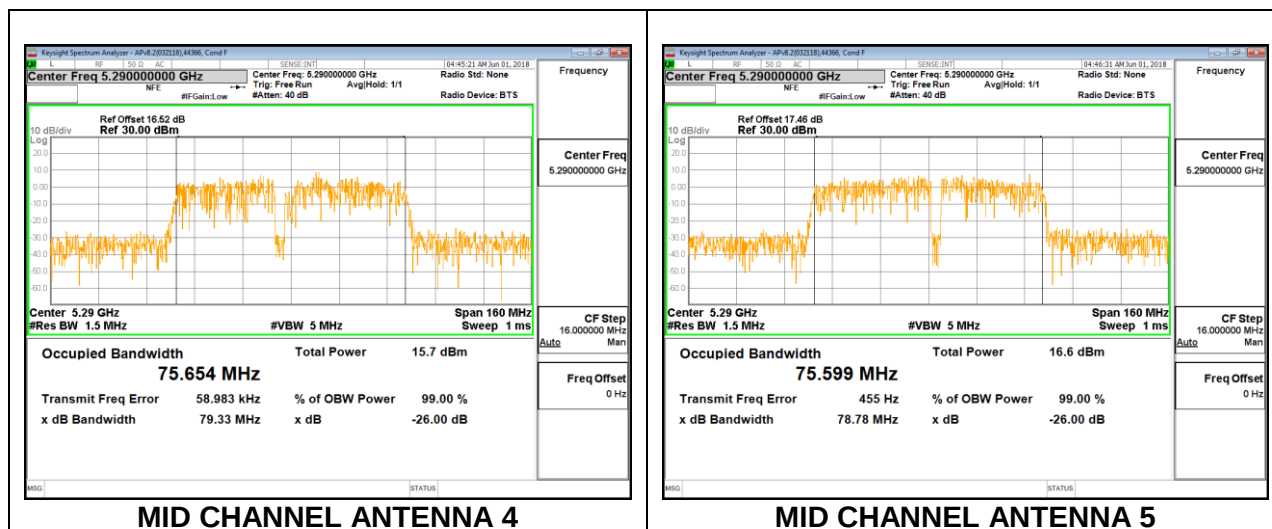
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5290	76.064



2TX Antenna 4 + ANTENNA 5 CDD MODE

Channel	Frequency	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Mid	5290	75.654	75.599

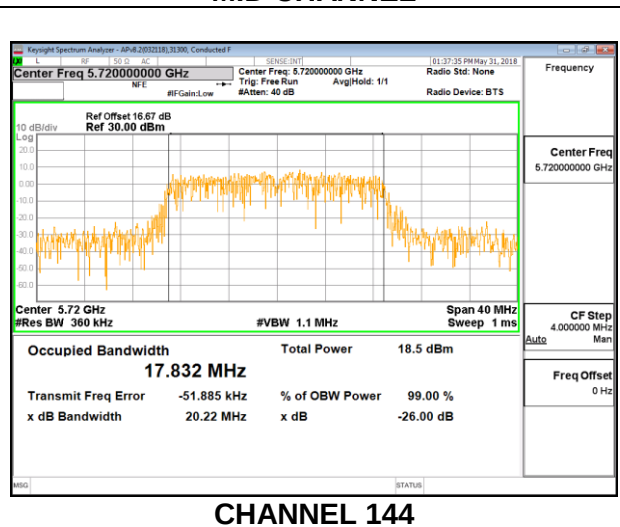
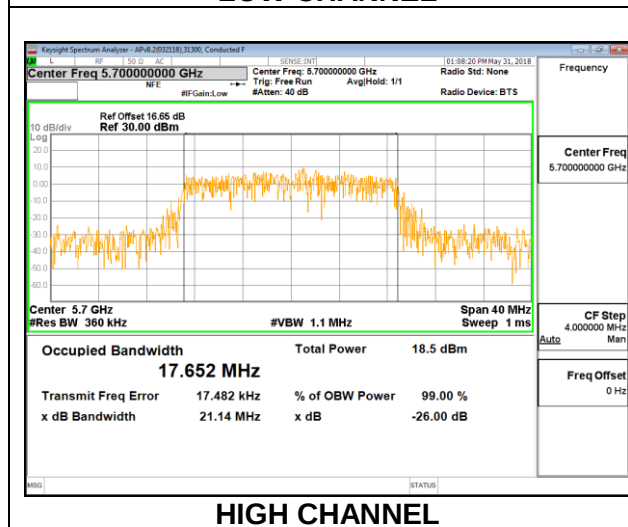
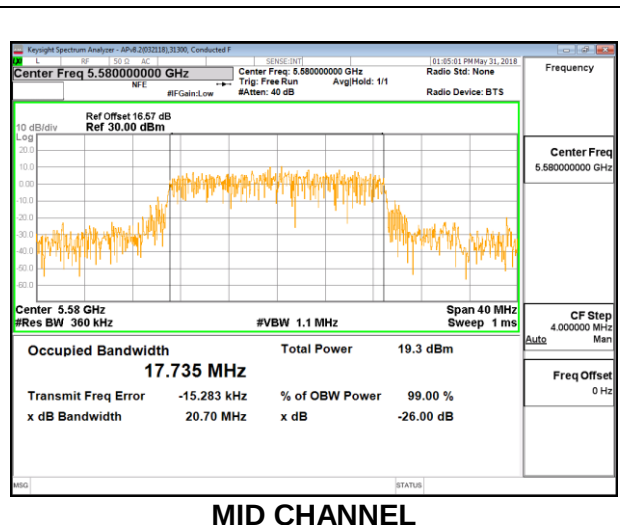
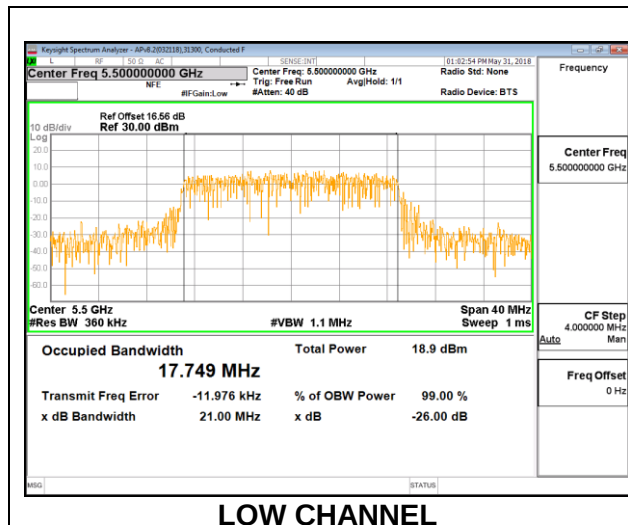
MID CHANNEL



8.3.7. 802.11n HT20 MODE IN THE 5.6 GHz BAND

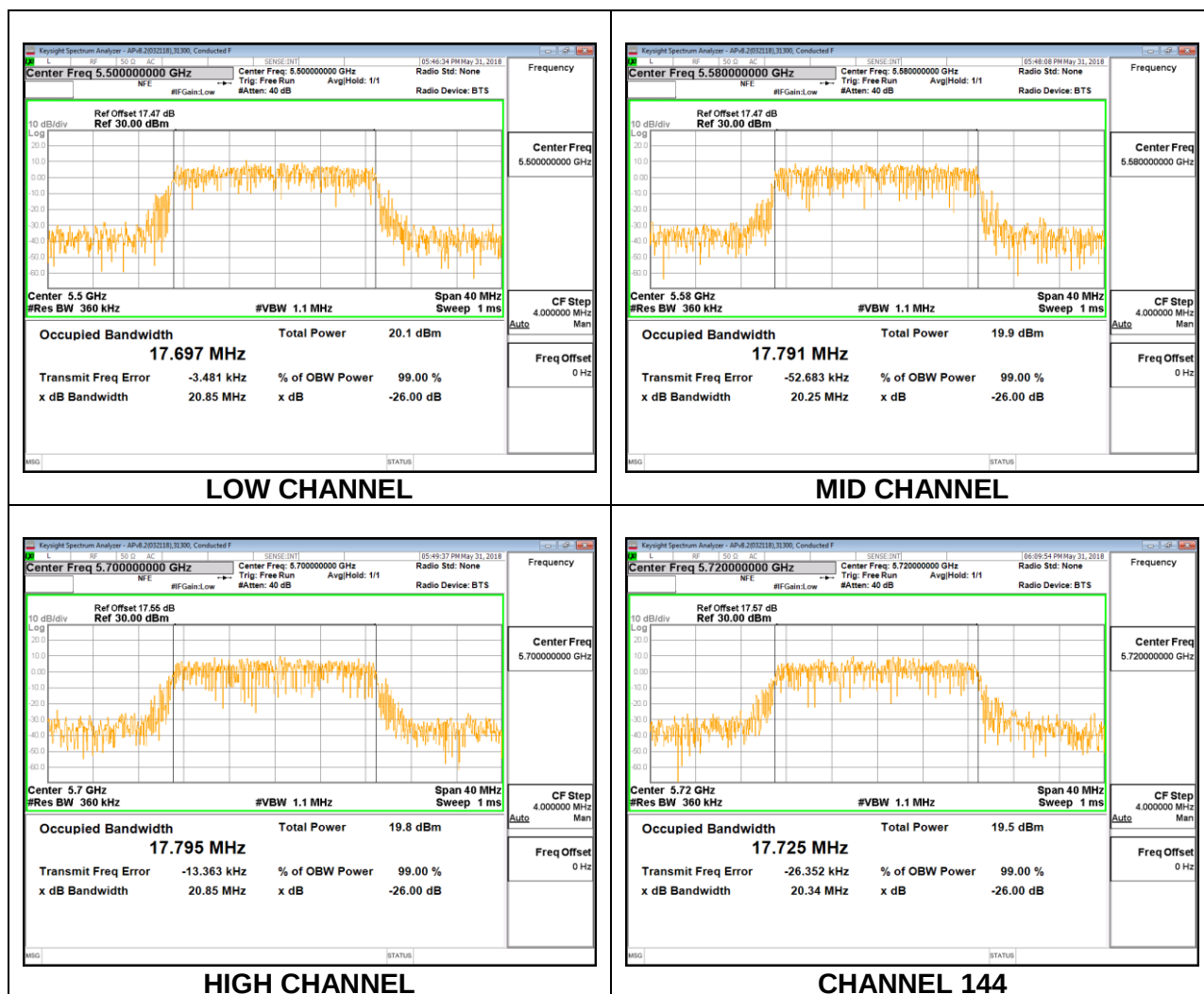
1TX Antenna 4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5500	17.749
Mid	5580	17.735
High	5700	17.652
144	5720	17.832



1TX ANTENNA 5

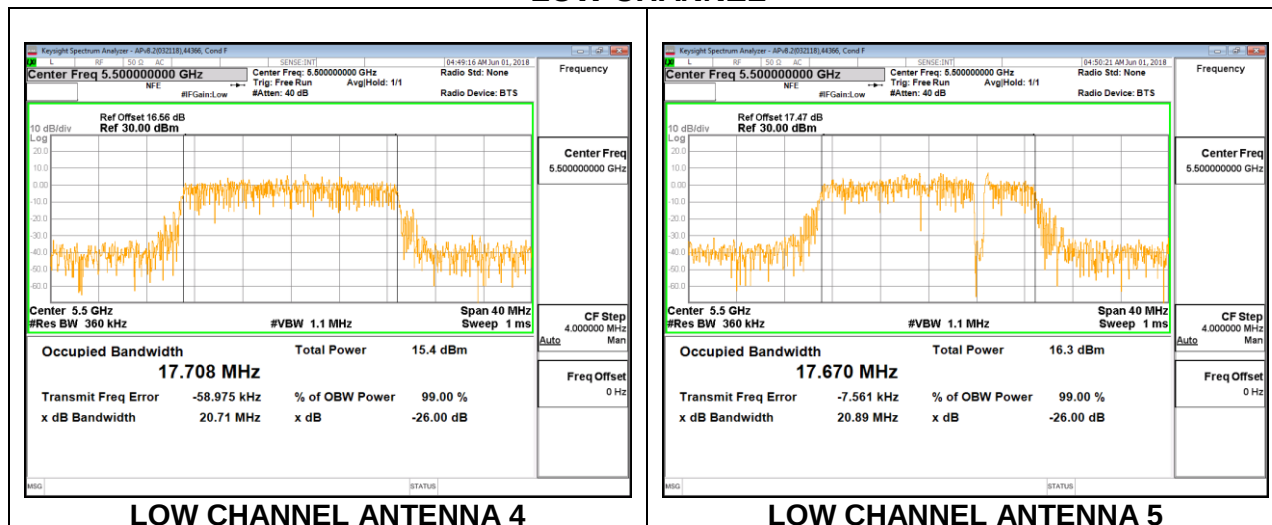
Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5500	17.697
Mid	5580	17.791
High	5700	17.795
144	5720	17.725



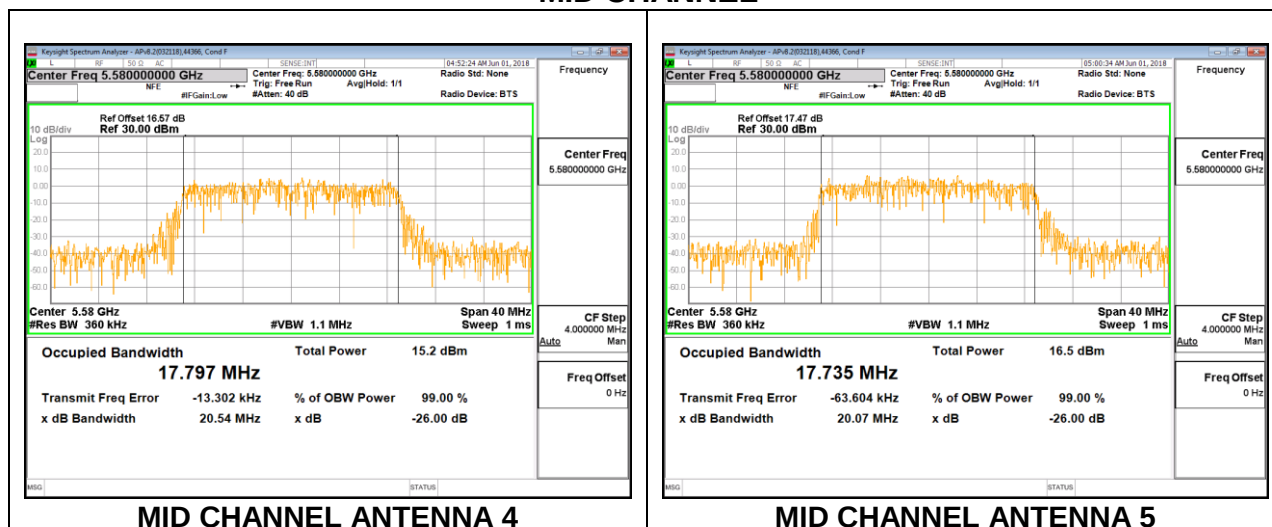
2TX Antenna 4 + ANTENNA 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5500	17.708	17.670
Mid	5580	17.797	17.735
High	5700	17.725	17.824
144	5720	17.787	17.742

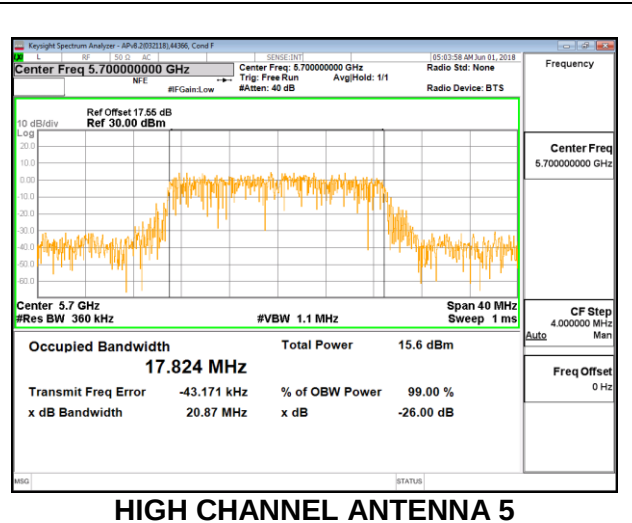
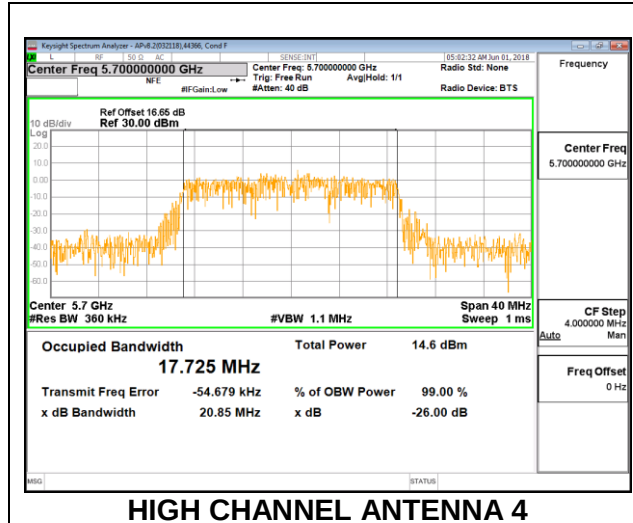
LOW CHANNEL



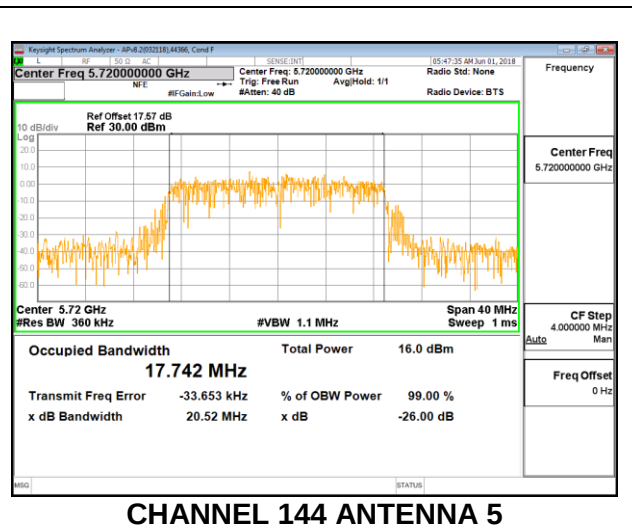
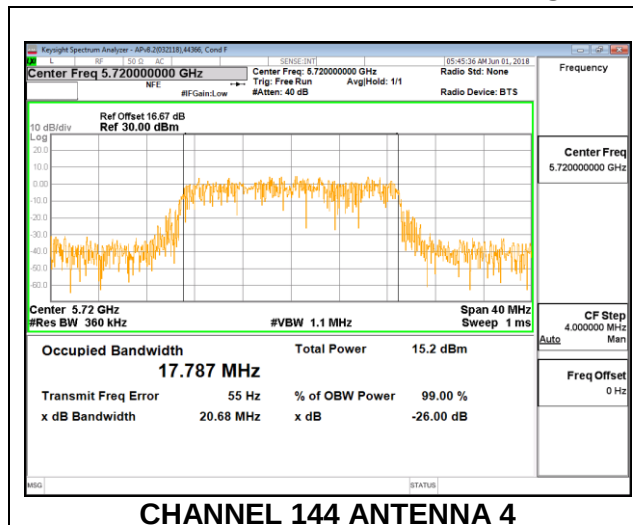
MID CHANNEL



HIGH CHANNEL



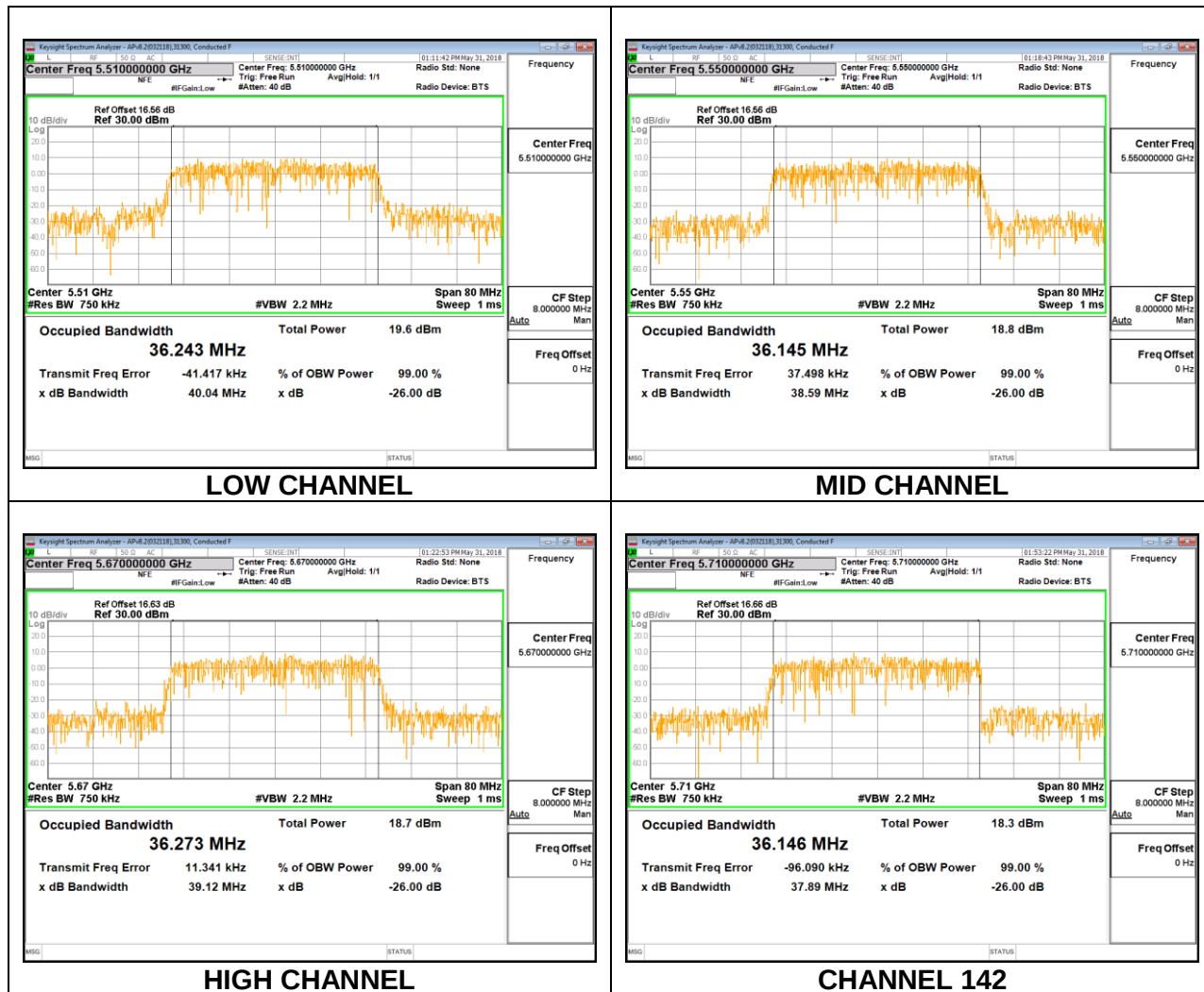
CHANNEL 144



8.3.8. 802.11n HT40 MODE IN THE 5.6 GHz BAND

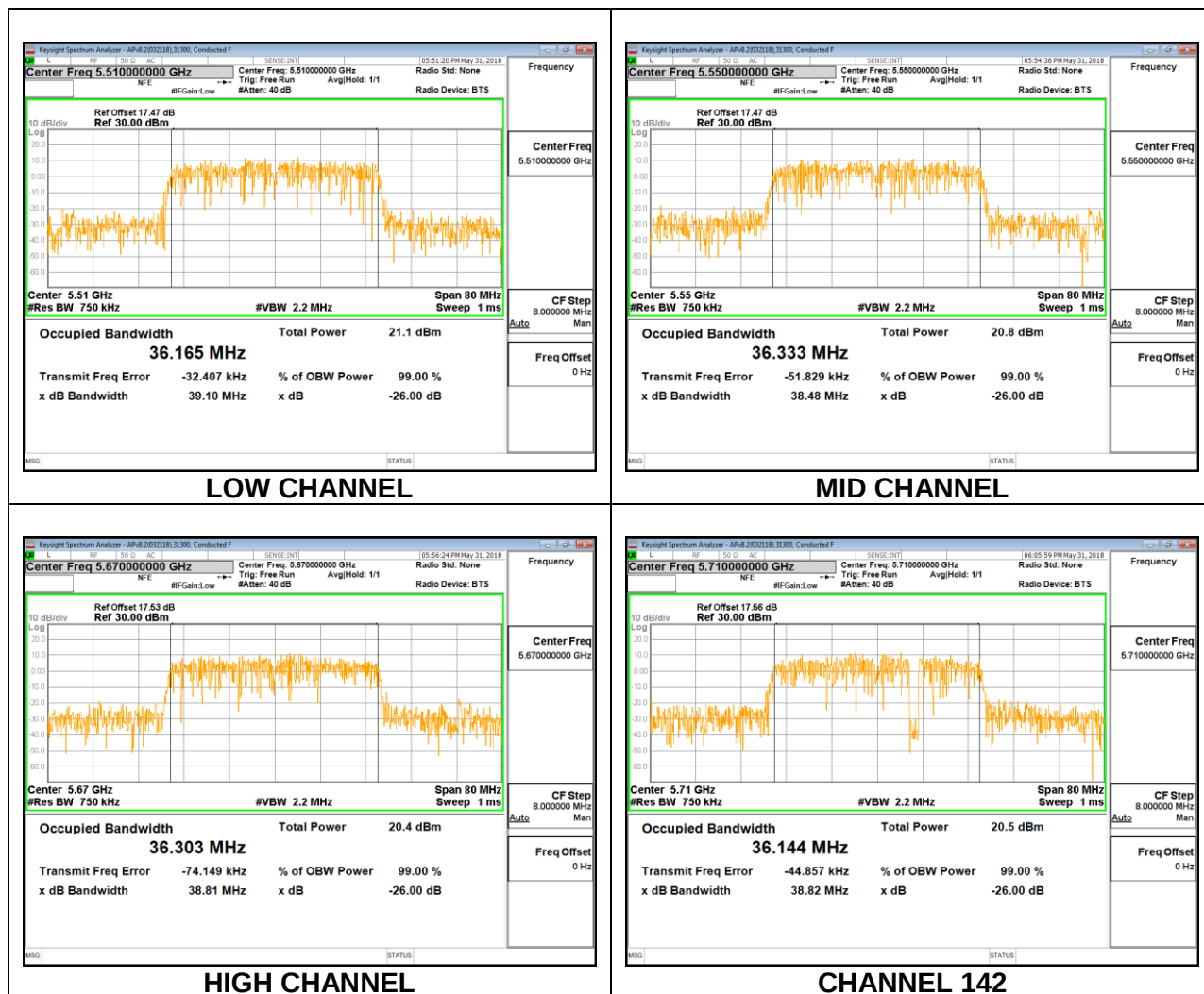
1TX Antenna 4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	36.243
Mid	5550	36.145
High	5670	36.273
142	5710	36.146



1TX ANTENNA 5

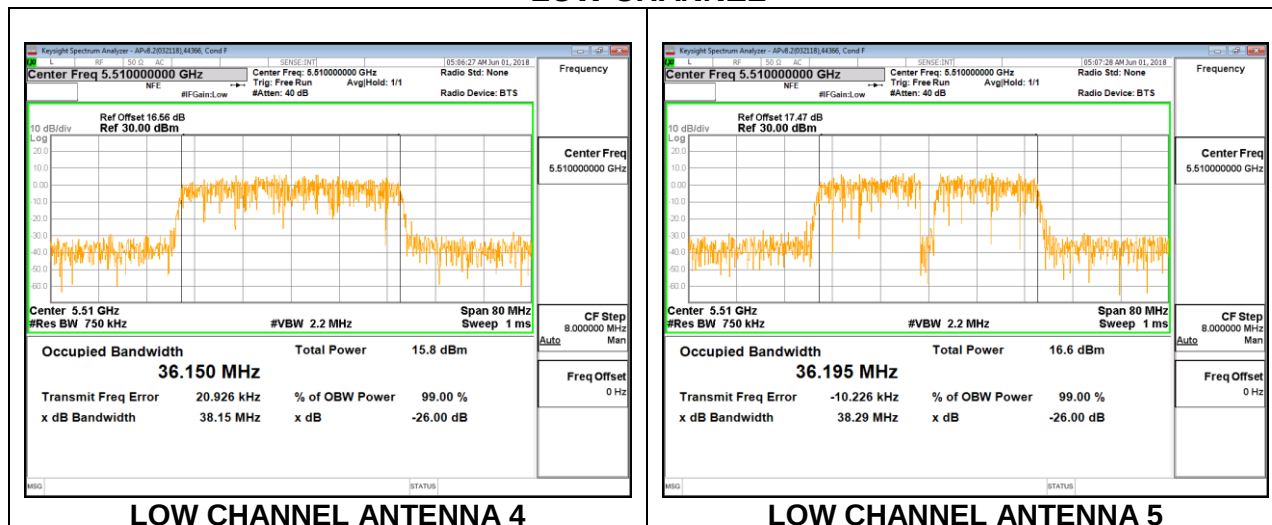
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	36.165
Mid	5550	36.333
High	5670	36.303
142	5710	36.144



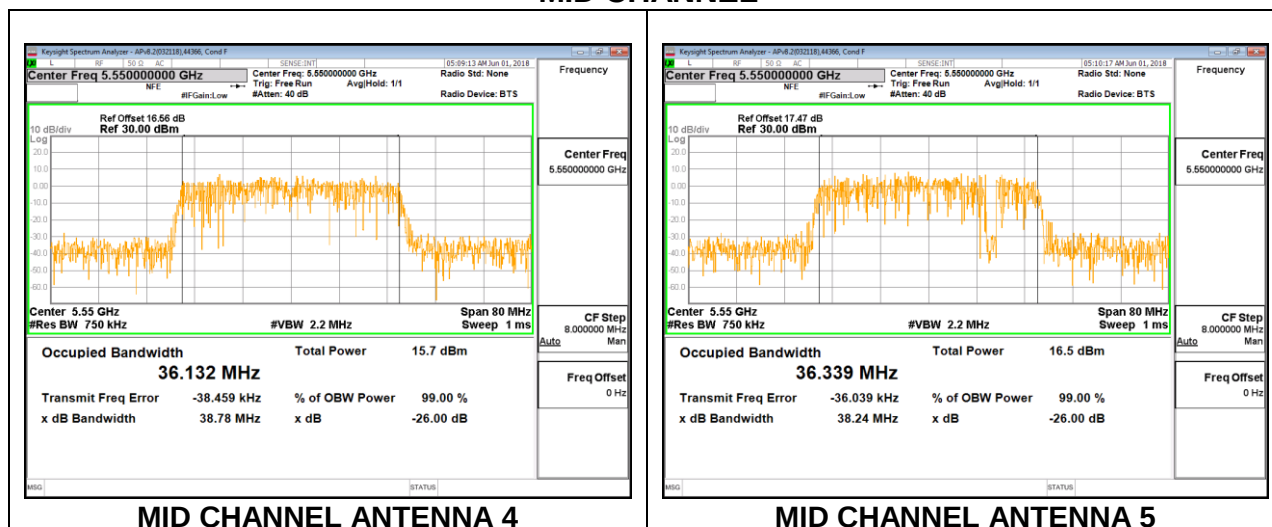
2TX Antenna 4 + ANTENNA 5 CDD MODE

Channel	Frequency (MHz)	99% Bandwidth Ant 4 (MHz)	99% Bandwidth Ant 5 (MHz)
Low	5510	36.150	36.195
Mid	5550	36.132	36.339
High	5670	36.256	36.338
142	5710	36.141	36.307

LOW CHANNEL



MID CHANNEL



The figure displays two side-by-side screenshots of the Keysight Spectrum Analyzer software interface, showing the channel occupancy for High Channel Antenna 4 and High Channel Antenna 5. Both screenshots show a signal centered at 5.67 GHz with a span of 80 MHz. The signal is characterized by a flat top and steep skirts, indicating a well-defined channel. The occupied bandwidth is measured as 36.256 MHz for Antenna 4 and 36.338 MHz for Antenna 5. The power level is 15.8 dBm for Antenna 4 and 16.5 dBm for Antenna 5. The transmit frequency error is 2.72 kHz for Antenna 4 and -29.982 kHz for Antenna 5. The x dB bandwidth is 39.13 MHz for Antenna 4 and 37.72 MHz for Antenna 5. The x dB value is -26.00 dB for both antennas.

Parameter	High Channel Antenna 4	High Channel Antenna 5
Center Freq	5.670000000 GHz	5.670000000 GHz
Ref Offset	16.63 dB	17.63 dB
Ref	30.00 dBm	30.00 dBm
Center Freq	5.67 GHz	5.67 GHz
#Res BW	750 kHz	750 kHz
#VBW	2.2 MHz	2.2 MHz
Span	80 MHz	80 MHz
Sweep	1 ms	1 ms
CF Step	8.000000 MHz	8.000000 MHz
Auto	Man	Man
Frequency	0 Hz	0 Hz
Occupied Bandwidth	36.256 MHz	36.338 MHz
Total Power	15.8 dBm	16.5 dBm
Transmit Freq Error	2.72 kHz	-29.982 kHz
% of OBW Power	99.00 %	99.00 %
x dB Bandwidth	39.13 MHz	37.72 MHz
x dB	-26.00 dB	-26.00 dB

HIGH CHANNEL ANTENNA 4

HIGH CHANNEL ANTENNA 5

The figure displays two side-by-side screenshots of the Keysight Spectrum Analyzer software interface, showing channel measurements for Channel 142 Antenna 4 and Channel 142 Antenna 5. Both screenshots show a signal at 5.71 GHz with a power level around -16 dBm.

Channel 142 Antenna 4 (Left Screenshot):

- Center Freq: 5.710000000 GHz
- Ref Offset: 16.66 dB
- Ref: 30.00 dBm
- Occupied Bandwidth: 36.141 MHz
- Total Power: 16.1 dBm
- Transmit Freq Error: -12.670 kHz
- % of OBW Power: 99.00 %
- x dB Bandwidth: 38.55 MHz
- x dB: -26.00 dB

Channel 142 Antenna 5 (Right Screenshot):

- Center Freq: 5.710000000 GHz
- Ref Offset: 17.56 dB
- Ref: 30.00 dBm
- Occupied Bandwidth: 36.307 MHz
- Total Power: 15.7 dBm
- Transmit Freq Error: 6.449 kHz
- % of OBW Power: 99.00 %
- x dB Bandwidth: 38.61 MHz
- x dB: -26.00 dB

8.3.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.936
High	5610	75.278
138	5690	75.802



1TX ANTENNA 5

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5530	75.566
High	5610	75.507
138	5690	75.677

