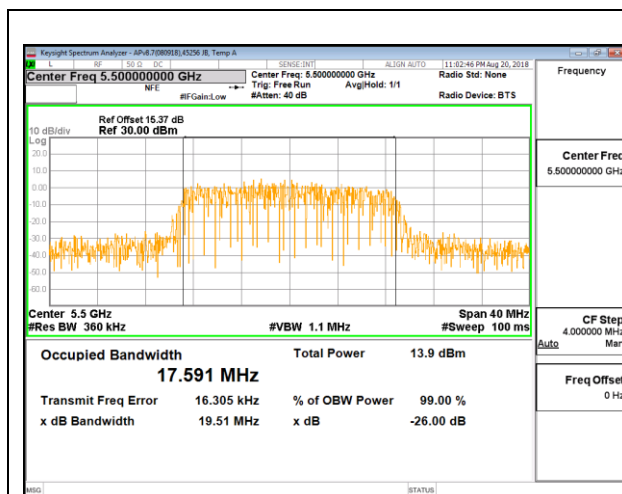


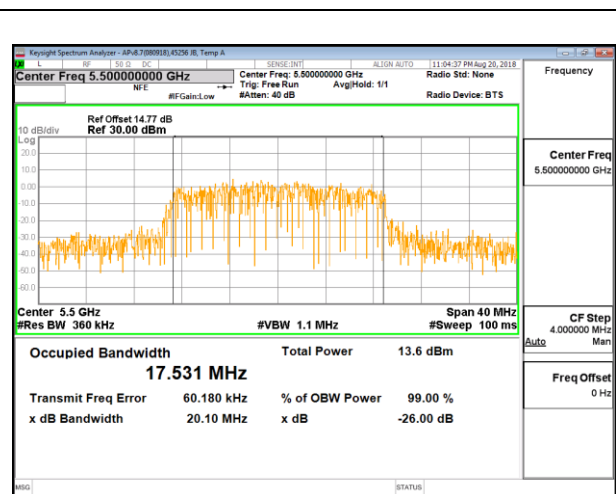
### 8.3.1.7. 802.11n HT20 MODE IN THE 5.6 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5500	17.5910	17.5310	17.6580	17.4780
Mid	5580	17.6660	17.6420	17.5960	17.5630
High	5700	17.5940	17.5610	17.6110	17.5990

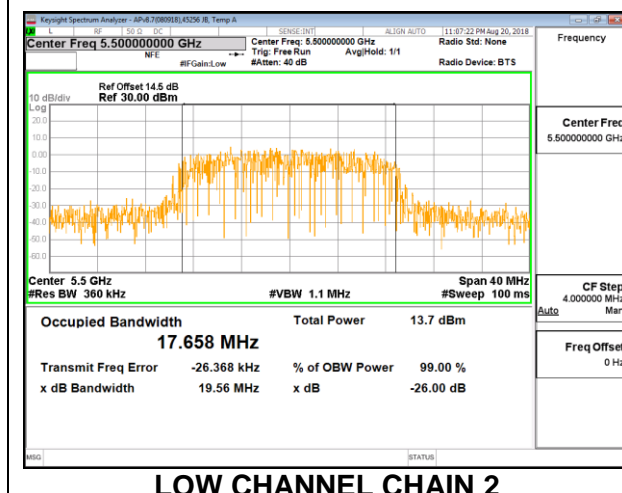
#### LOW CHANNEL



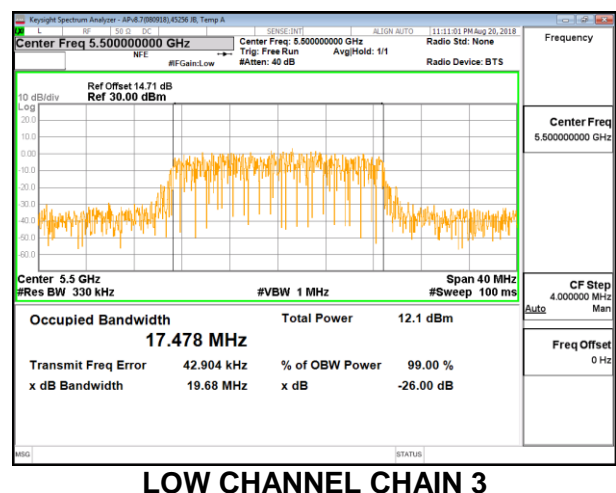
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

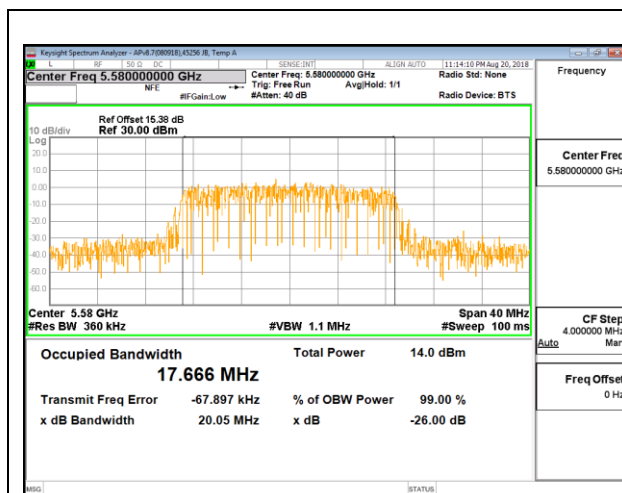


LOW CHANNEL CHAIN 2

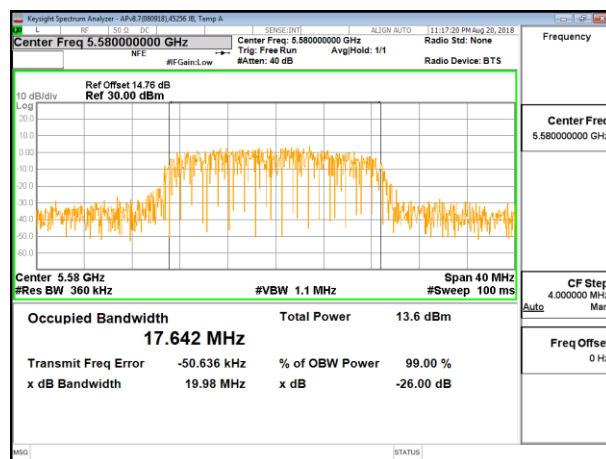


LOW CHANNEL CHAIN 3

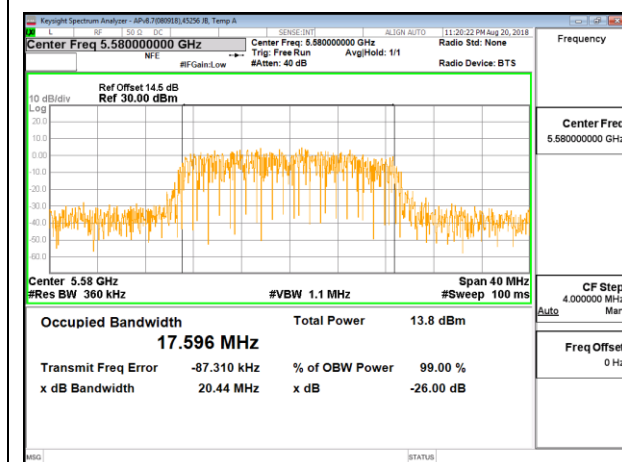
## MID CHANNEL



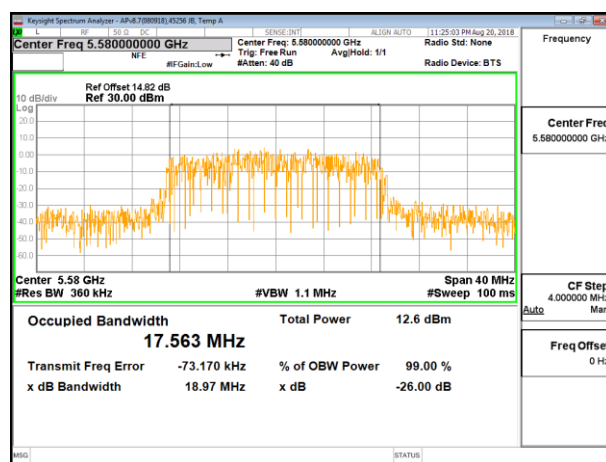
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

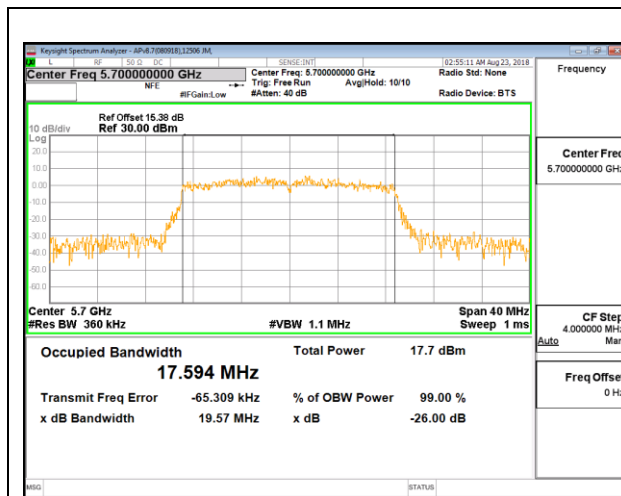


MID CHANNEL CHAIN 2

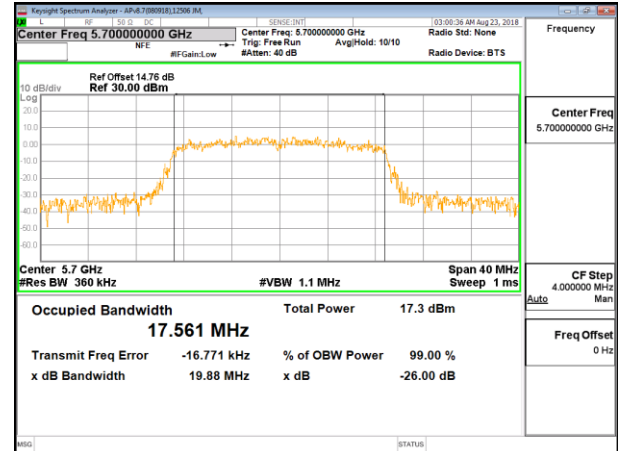


MID CHANNEL CHAIN 3

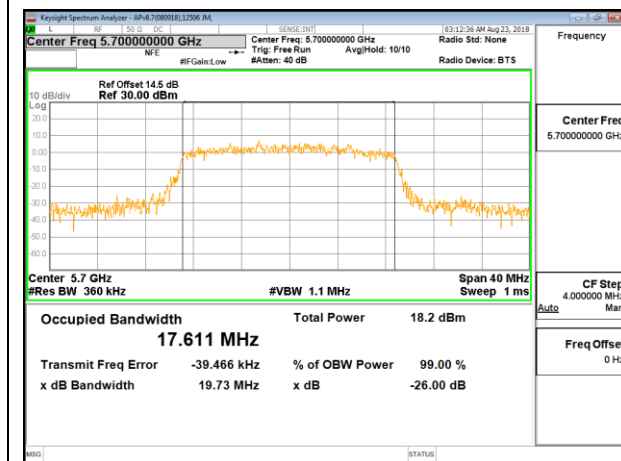
## HIGH CHANNEL



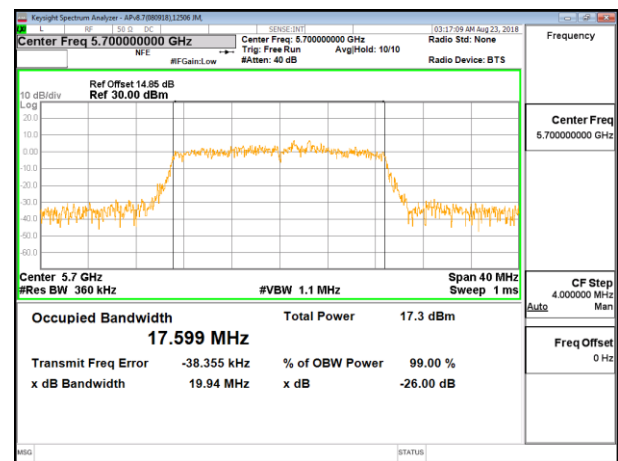
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2

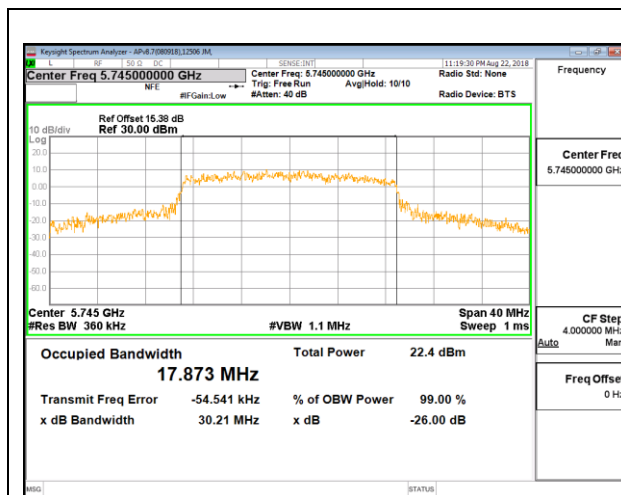


HIGH CHANNEL CHAIN 3

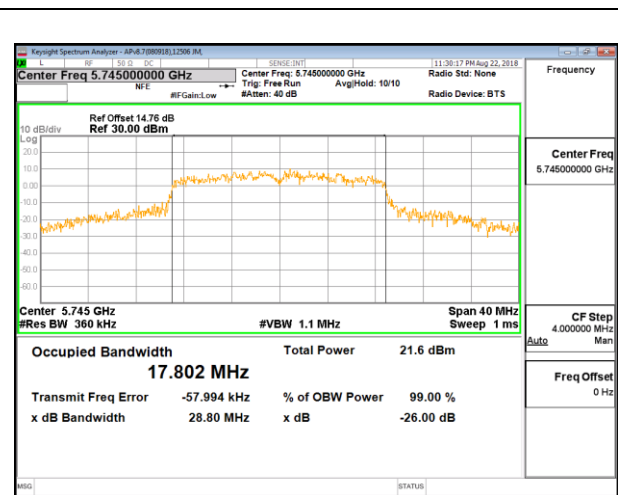
### 8.3.1.8. 802.11n HT20 MODE IN THE 5.8 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5745	17.8730	17.8020	17.8320	18.1030
Mid	5785	17.9470	18.1060	17.9530	18.1090
High	5825	18.0590	18.1020	17.9680	18.0390

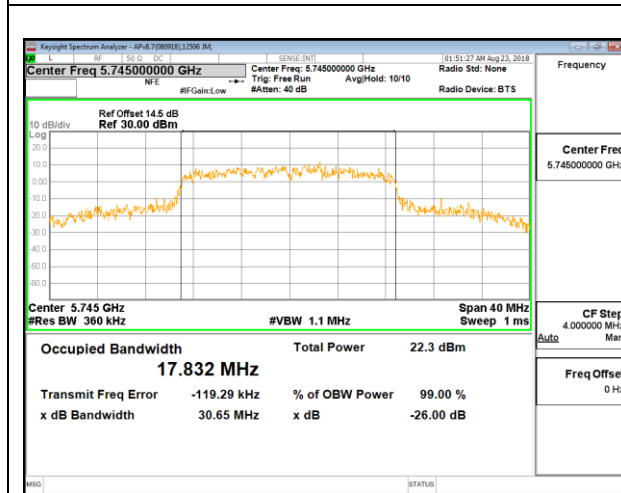
### LOW CHANNEL



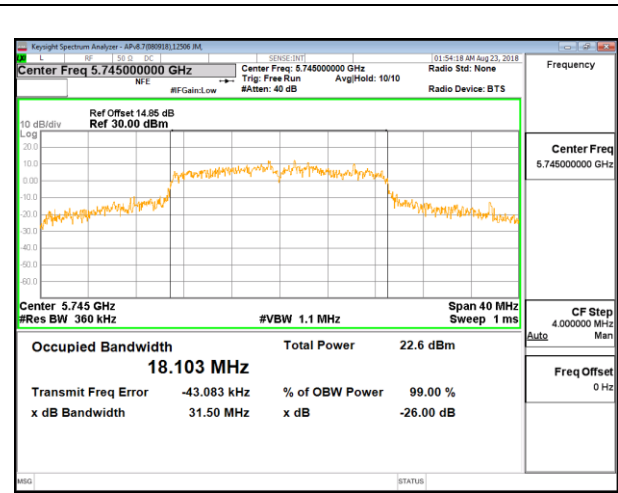
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1



LOW CHANNEL CHAIN 2



LOW CHANNEL CHAIN 3

The figure displays four screenshots of the Knight Spectrum Analyzer, each showing a frequency spectrum for a different mid-channel chain. The plots are arranged in a 2x2 grid. Each plot shows a signal with a peak at 5.785 GHz. The plots include parameters such as Center Freq, Res BW, Span, and Occupied Bandwidth.

**MID CHANNEL CHAIN 0**

Parameter	Value
Center Freq	5.785000000 GHz
Res BW	360 kHz
Span	40 MHz
Occupied Bandwidth	17.947 MHz
Total Power	22.6 dBm
Transmit Freq Error	-75.680 kHz
x dB Bandwidth	30.53 MHz

**MID CHANNEL CHAIN 1**

Parameter	Value
Center Freq	5.785000000 GHz
Res BW	360 kHz
Span	40 MHz
Occupied Bandwidth	18.106 MHz
Total Power	21.5 dBm
Transmit Freq Error	-69.735 kHz
x dB Bandwidth	30.33 MHz

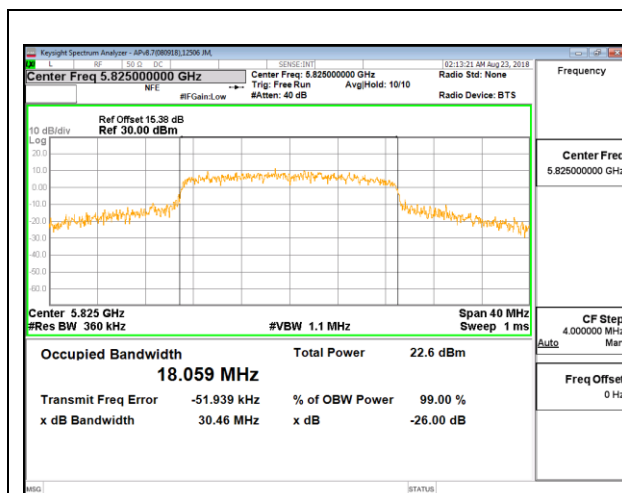
**MID CHANNEL CHAIN 2**

Parameter	Value
Center Freq	5.785000000 GHz
Res BW	360 kHz
Span	40 MHz
Occupied Bandwidth	17.953 MHz
Total Power	22.2 dBm
Transmit Freq Error	-58.643 kHz
x dB Bandwidth	30.95 MHz

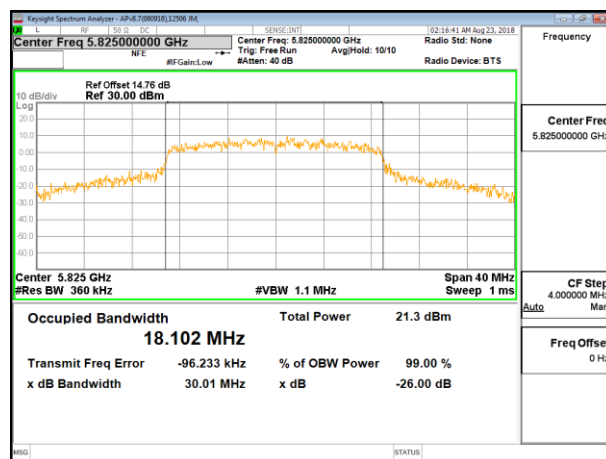
**MID CHANNEL CHAIN 3**

Parameter	Value
Center Freq	5.785000000 GHz
Res BW	360 kHz
Span	40 MHz
Occupied Bandwidth	18.109 MHz
Total Power	22.3 dBm
Transmit Freq Error	31.712 kHz
x dB Bandwidth	32.85 MHz

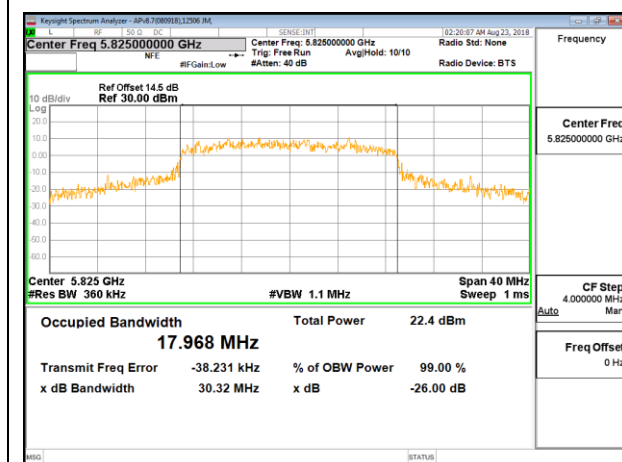
## HIGH CHANNEL



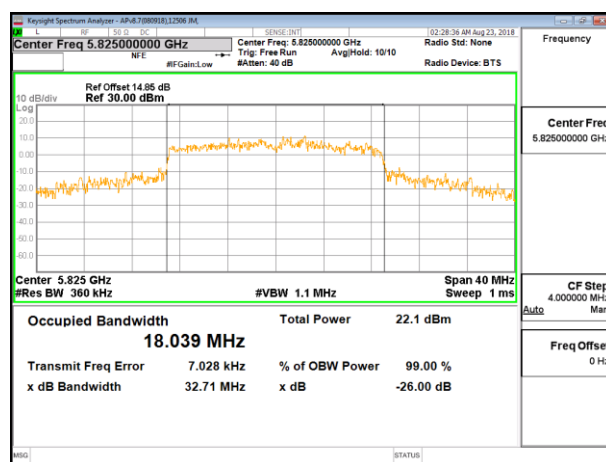
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



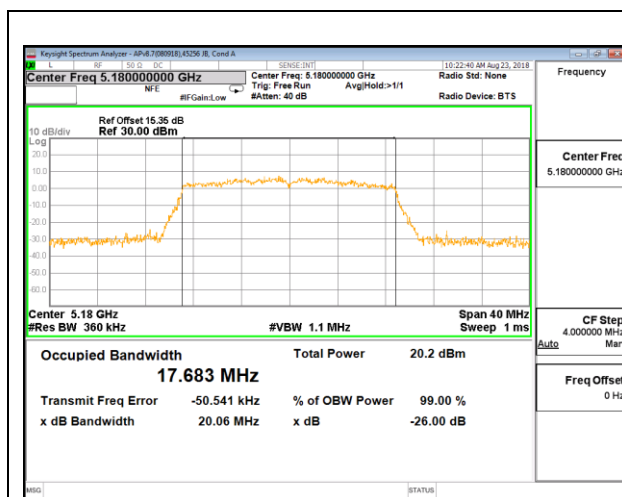
HIGH CHANNEL CHAIN 3

## 8.3.2 RADIO 1

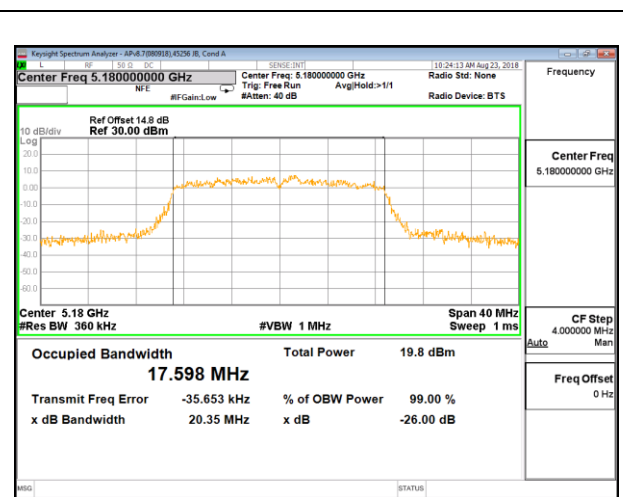
### 8.3.2.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5180	17.6830	17.5980	17.5800	17.5810
Mid	5200	17.6310	17.6740	17.5210	17.6280
High	5240	17.6680	17.6950	17.6740	17.6230

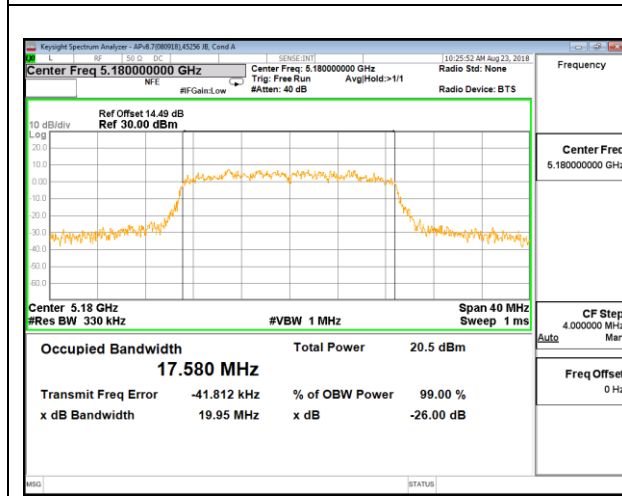
### LOW CHANNEL



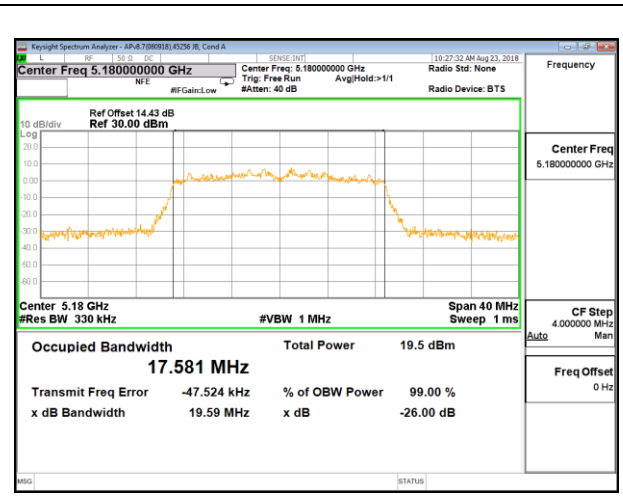
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1



LOW CHANNEL CHAIN 2



LOW CHANNEL CHAIN 3

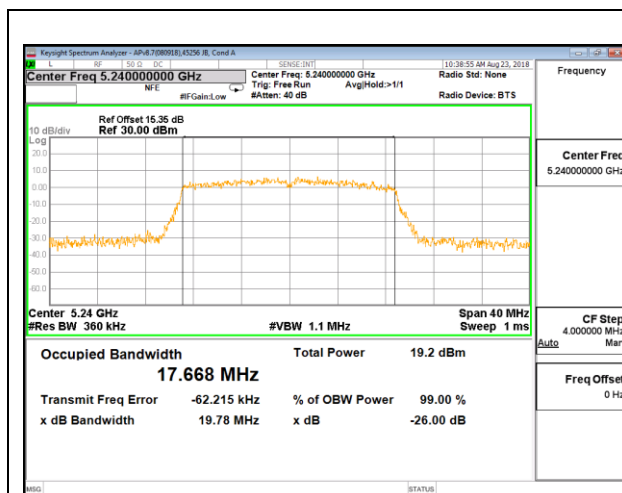


The figure displays four screenshots of a Knight Spectrum Analyzer, each showing a frequency spectrum plot and a table of key performance indicators (KPIs) for a specific mid-channel chain. The plots are labeled MID CHANNEL CHAIN 0, MID CHANNEL CHAIN 1, MID CHANNEL CHAIN 2, and MID CHANNEL CHAIN 3. Each plot shows a signal centered at 5.2 GHz with a bandwidth of approximately 20 MHz. The plots include a table of KPIs such as Occupied Bandwidth, Total Power, and Transmit Freq Error.

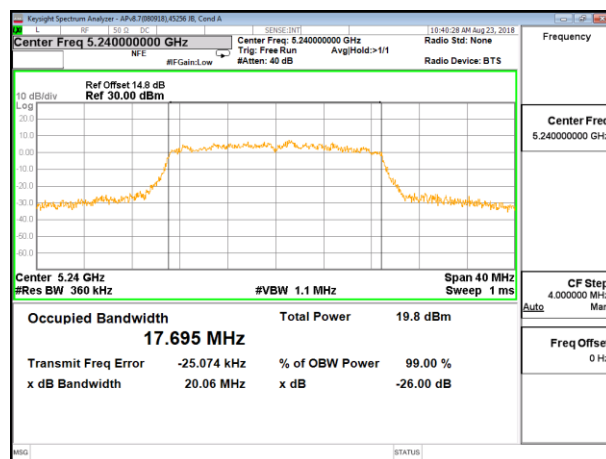
Chain	Center Freq (GHz)	Occupied Bandwidth (MHz)	Total Power (dBm)	Transmit Freq Error (kHz)	% of OBW Power	x dB Bandwidth	x dB
MID CHANNEL CHAIN 0	5.200000000	17.631	19.5	-56.380	99.00 %	20.29	-26.00
MID CHANNEL CHAIN 1	5.200000000	17.674	20.3	-29.596	99.00 %	20.24	-26.00
MID CHANNEL CHAIN 2	5.200000000	17.521	20.7	-41.737	99.00 %	20.05	-26.00
MID CHANNEL CHAIN 3	5.200000000	17.628	20.0	-40.390	99.00 %	19.88	-26.00



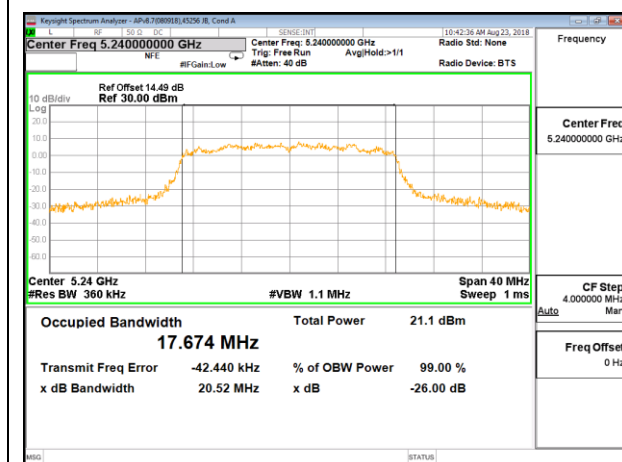
## HIGH CHANNEL



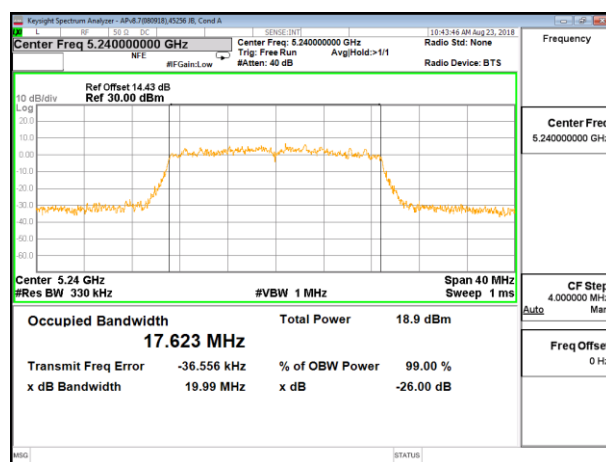
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2

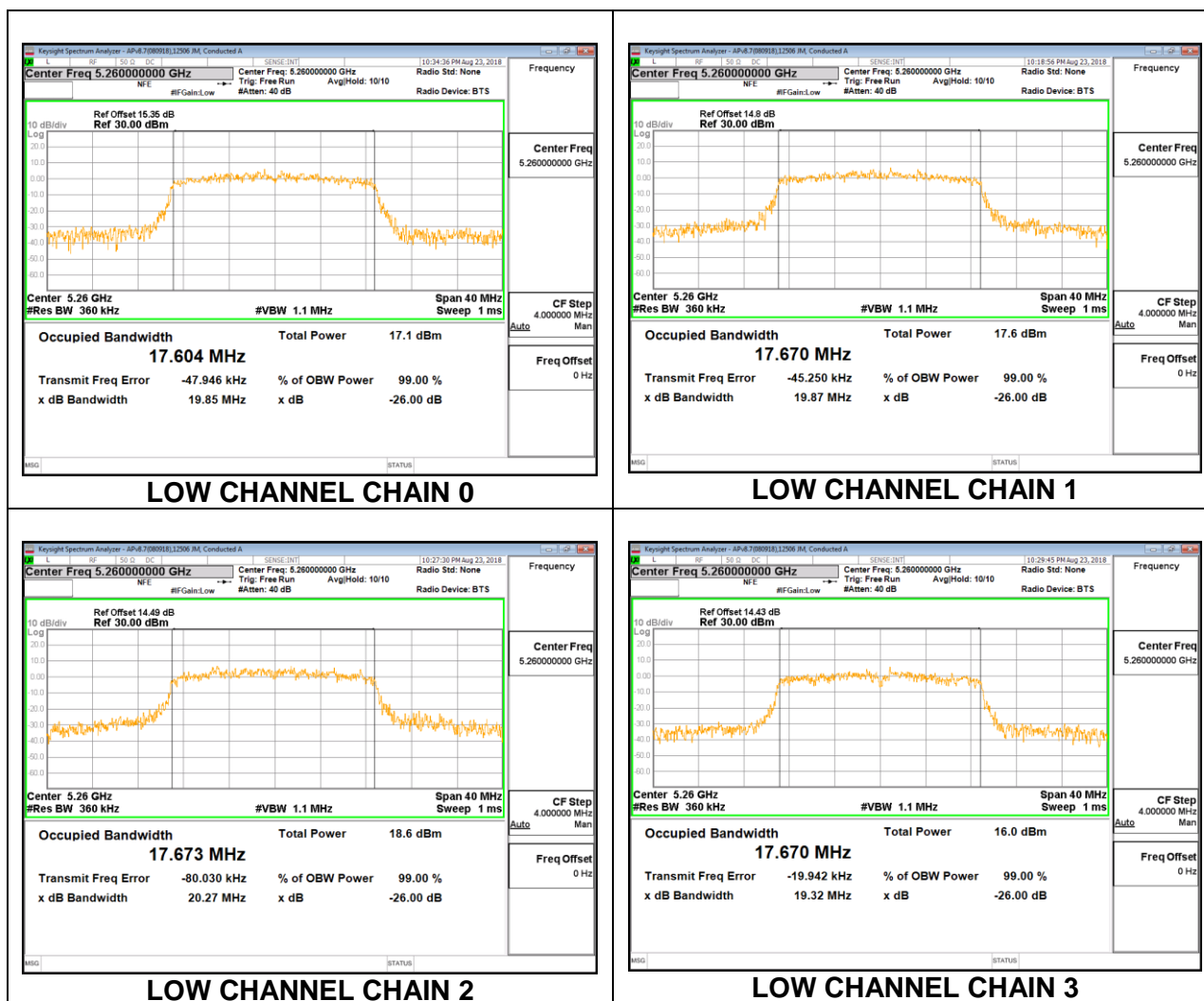


HIGH CHANNEL CHAIN 3

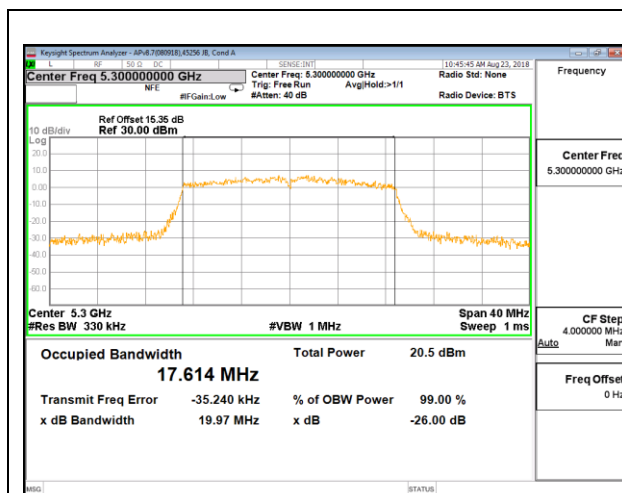
### 8.3.2.2. 802.11n HT20 MODE IN THE 5.3 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5260	17.6040	17.6700	17.6730	17.6700
Mid	5300	17.6140	17.6380	17.6330	17.6300
High	5320	17.7020	17.7190	17.6370	17.6360

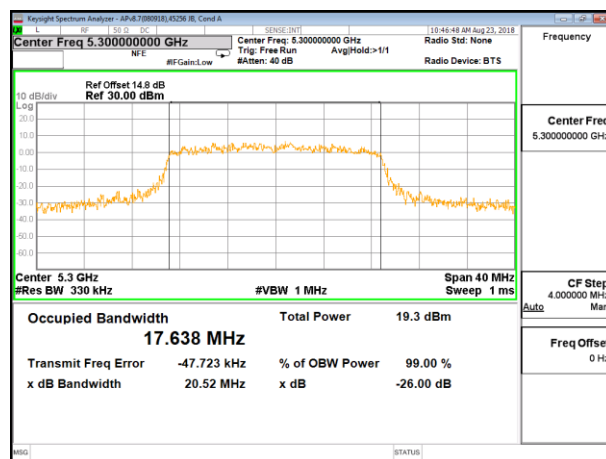
#### LOW CHANNEL



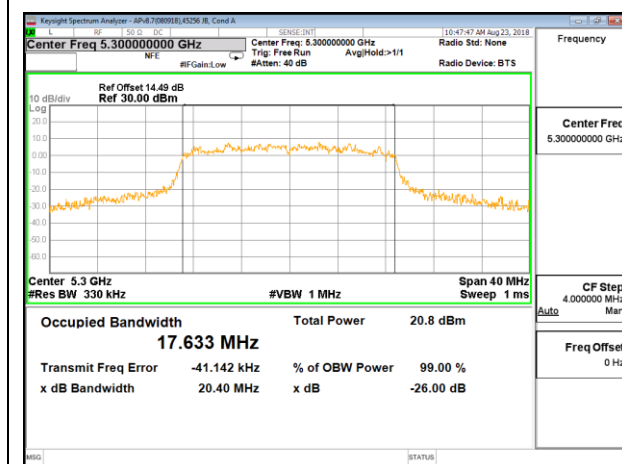
## MID CHANNEL



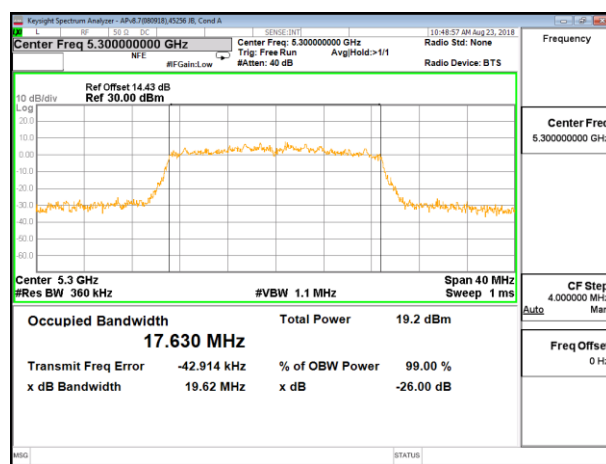
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

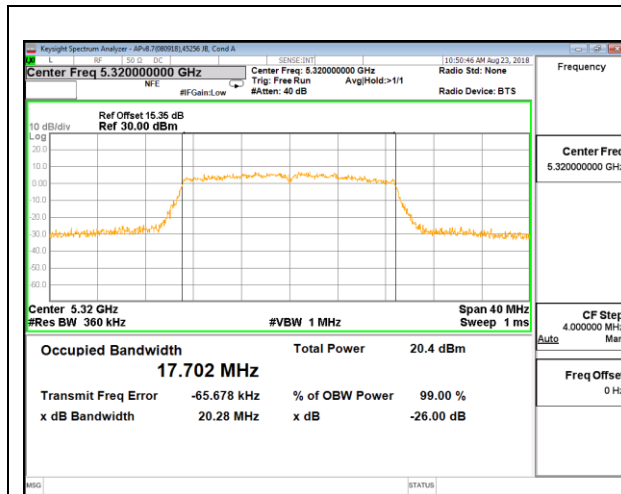


MID CHANNEL CHAIN 2

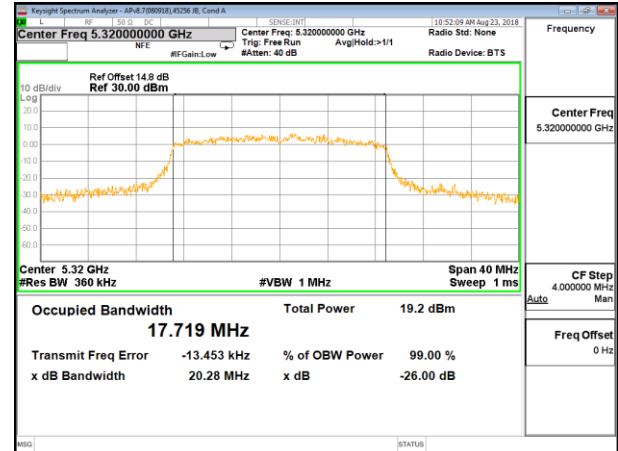


MID CHANNEL CHAIN 3

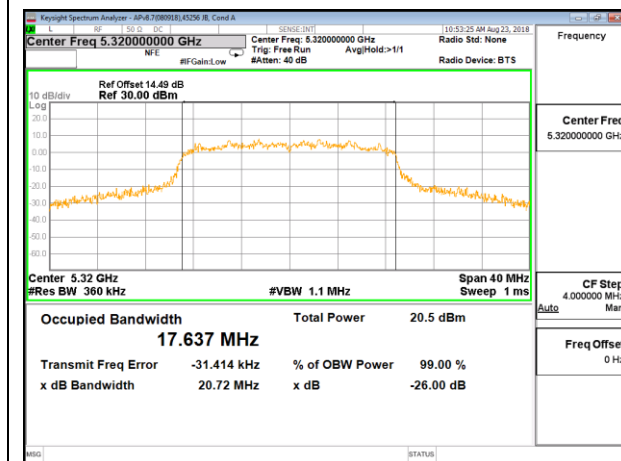
## HIGH CHANNEL



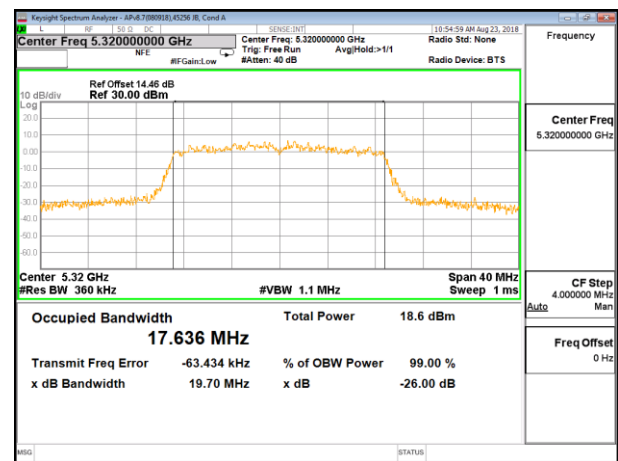
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2

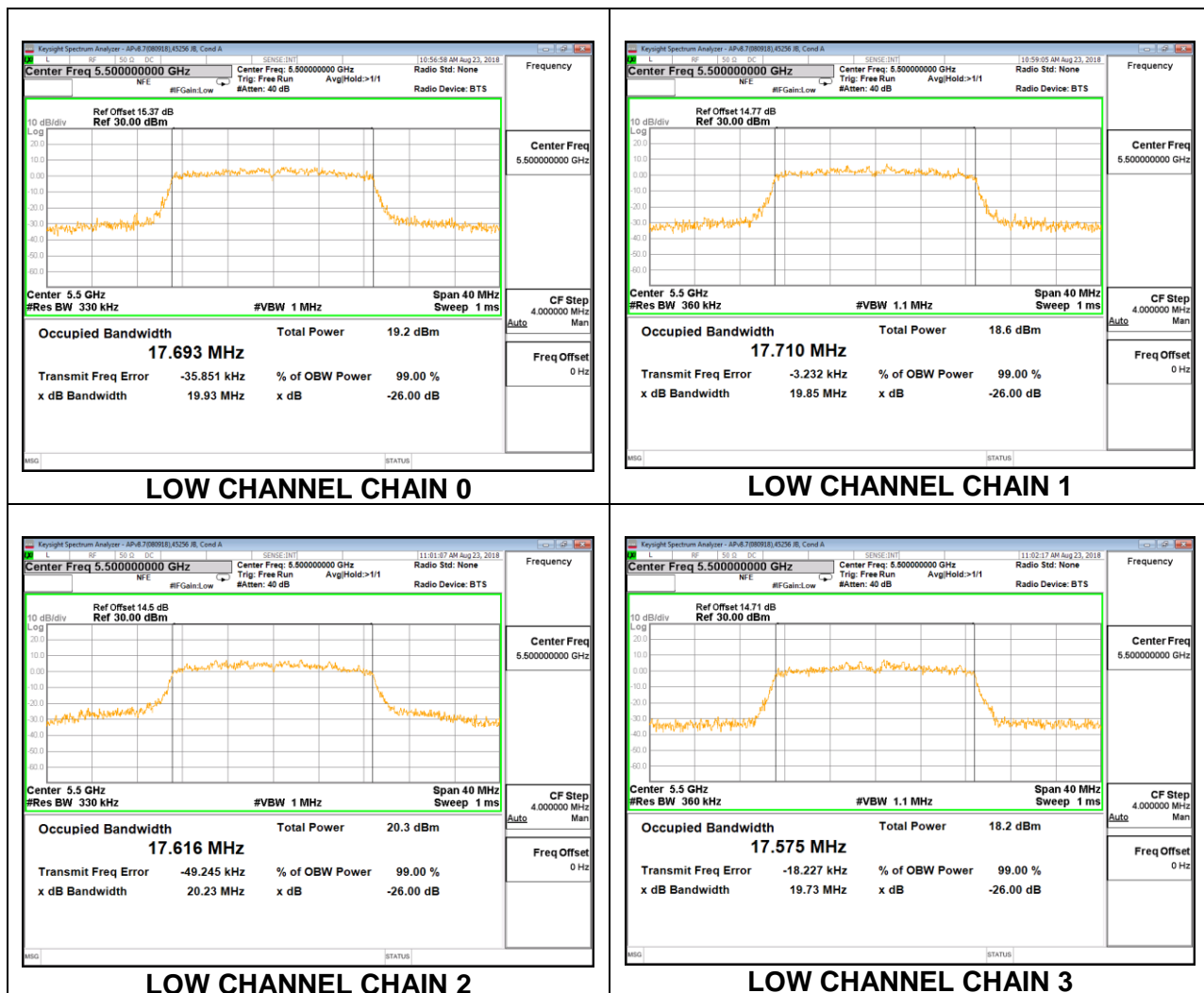


HIGH CHANNEL CHAIN 3

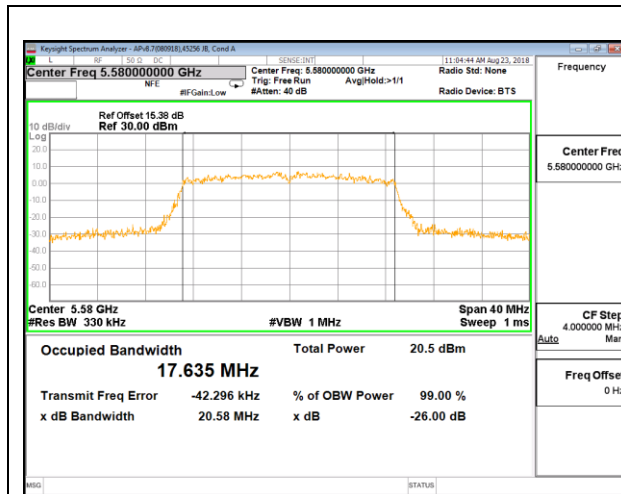
### 8.3.2.3. 802.11n HT20 MODE IN THE 5.6 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5500	17.6930	17.7100	17.6160	17.5750
Mid	5580	17.6350	17.6130	17.5650	17.6490
High	5700	17.6650	17.6070	17.5940	17.6520

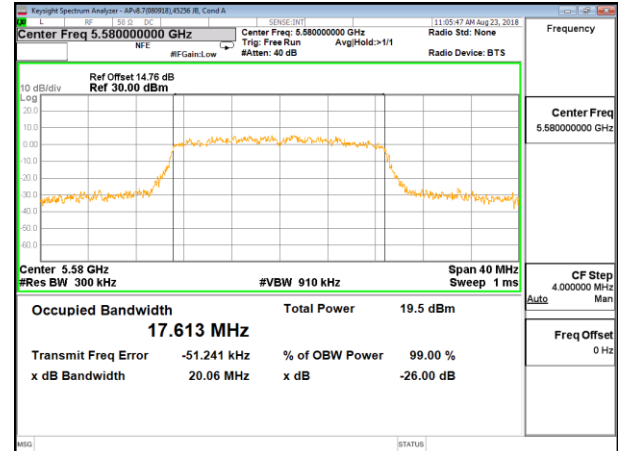
#### LOW CHANNEL



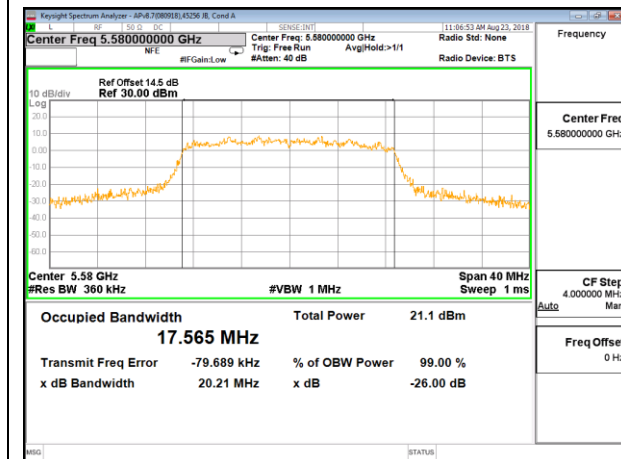
## MID CHANNEL



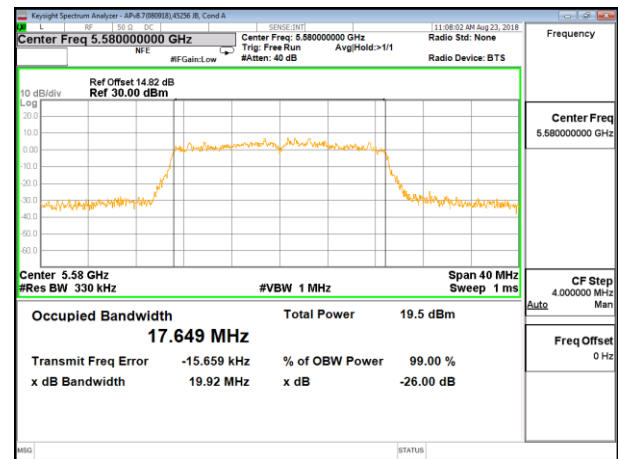
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

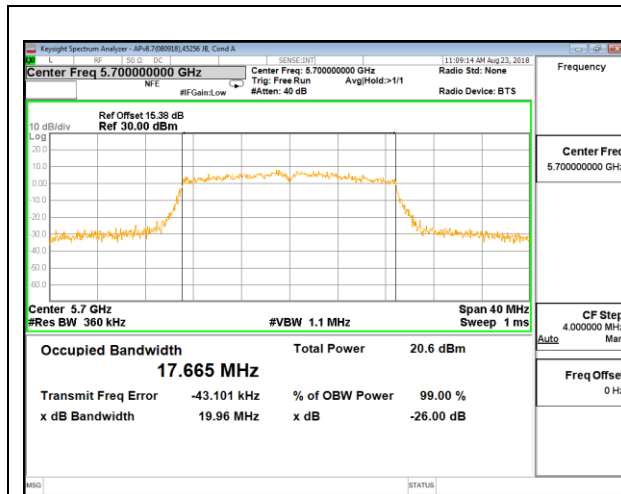


MID CHANNEL CHAIN 2

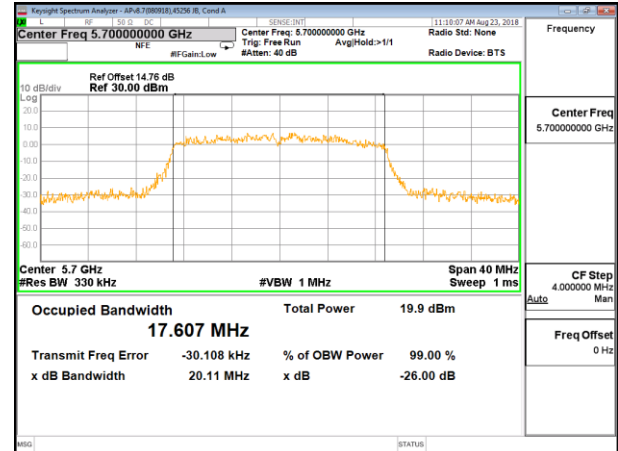


MID CHANNEL CHAIN 3

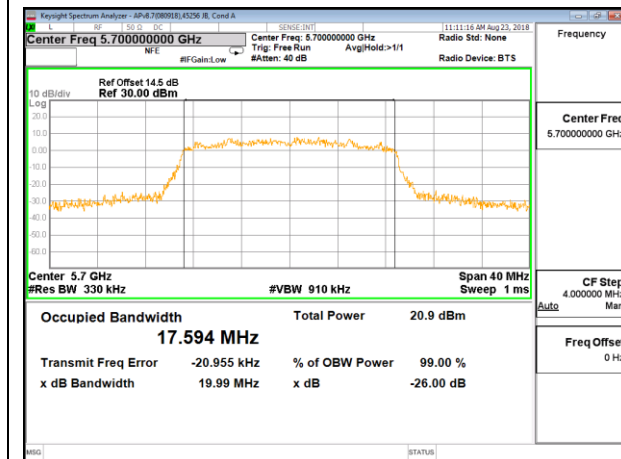
## HIGH CHANNEL



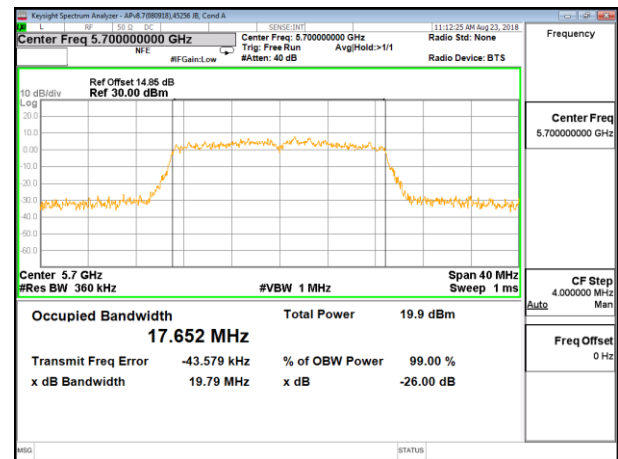
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3



### 8.3.2.4. 802.11n HT20 MODE IN THE 5.8 GHz BAND

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	99% Bandwidth Chain 3 (MHz)
Low	5745	17.9350	17.9060	17.8730	17.8590
Mid	5785	18.1970	17.9590	17.9520	17.7680
High	5825	18.0030	17.8180	17.8190	17.8390

### LOW CHANNEL

