



**CTK Co., Ltd.**  
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 Yongin-si, Gyeonggi-do, Korea  
 Tel: +82-31-339-9970  
 Fax: +82-31-624-9501

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[16QAM]

9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





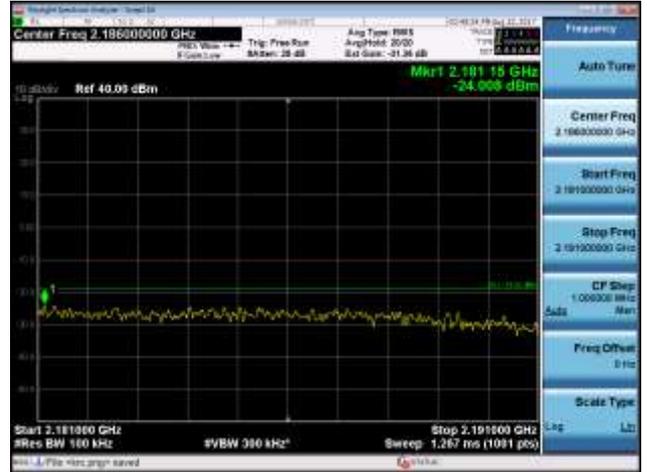
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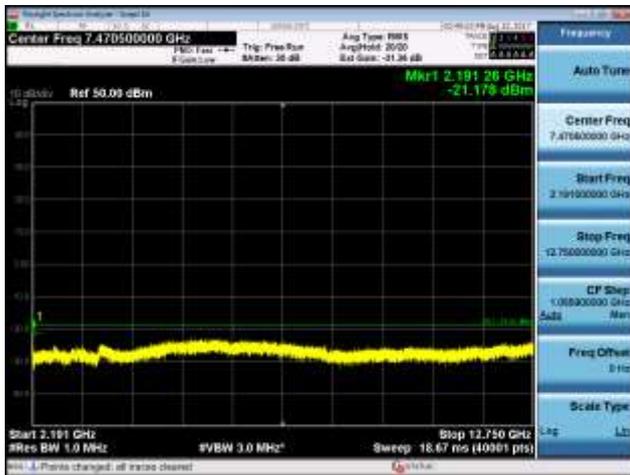
2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz



12.75 GHz - 26.5 GHz



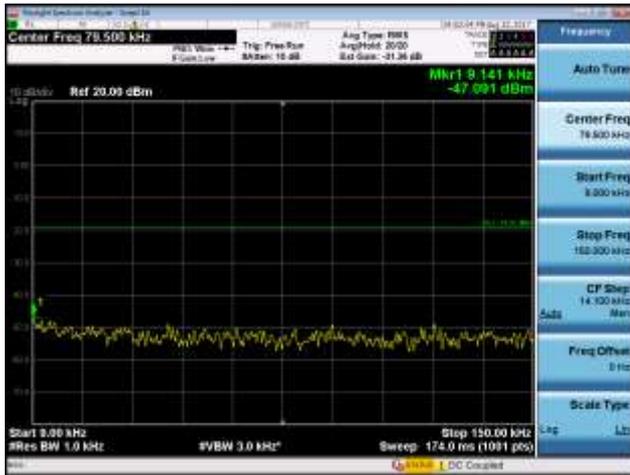


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[64QAM]

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150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

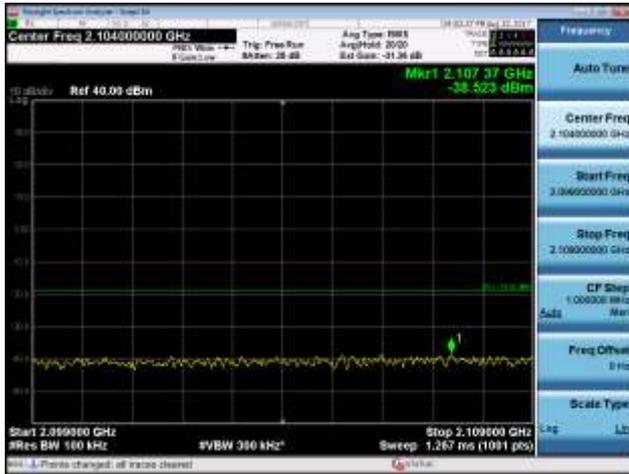




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[256QAM]

9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

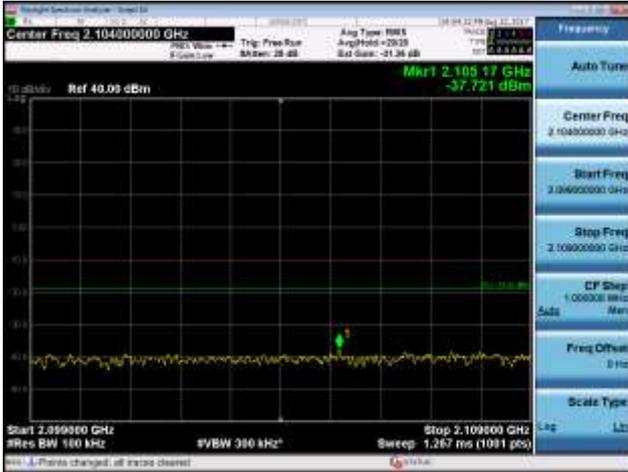




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2099 MHz - 2109 MHz



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**Band 66, BW 5MHz + BW 5MHz, Multi carrier(Contiguous), 2TX, Bottom**  
 [QPSK]

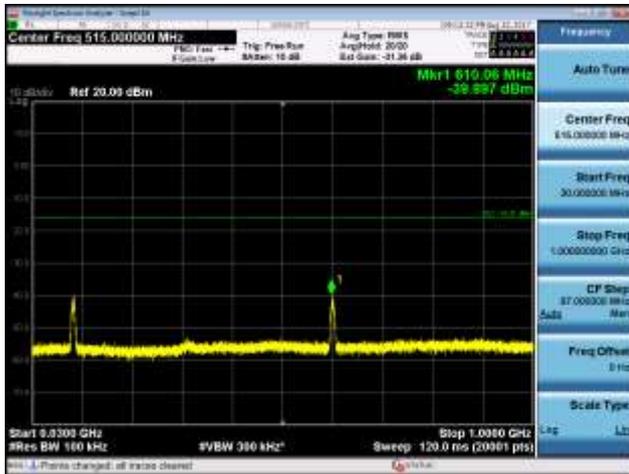
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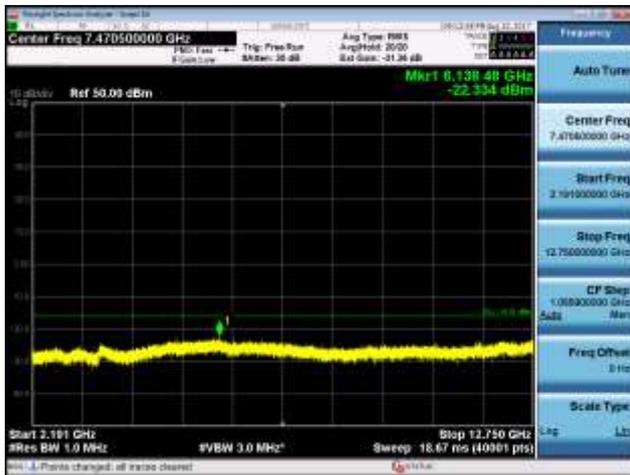
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[16QAM]

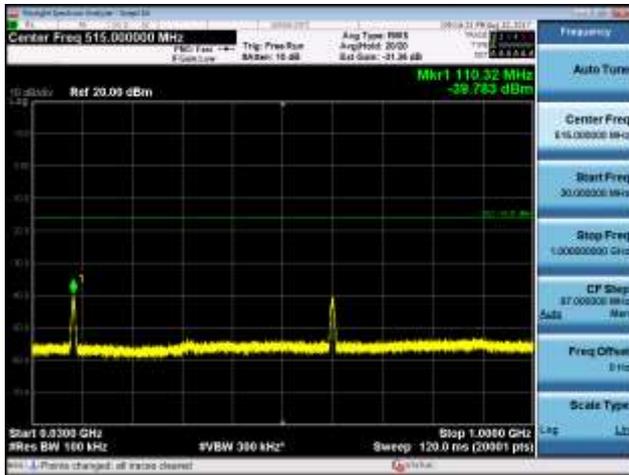
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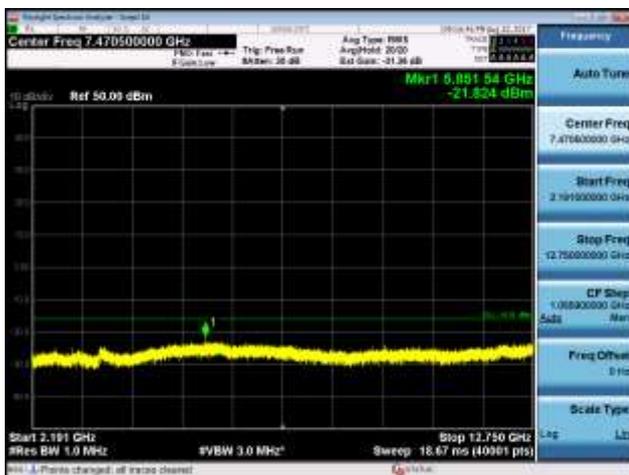
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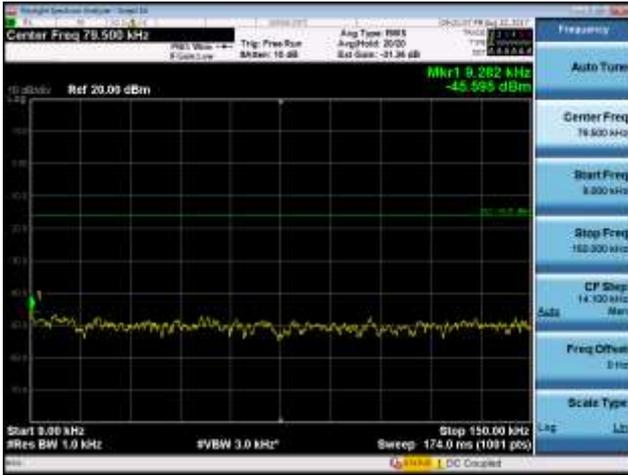


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[64QAM]

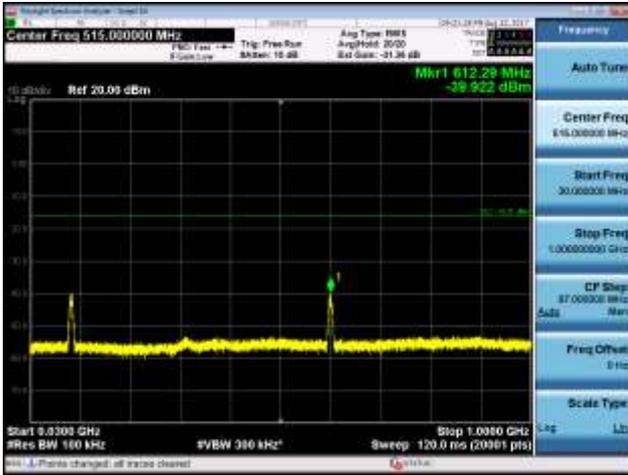
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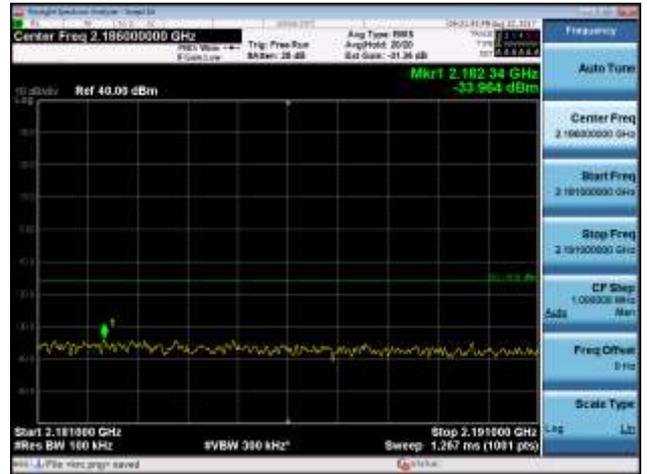
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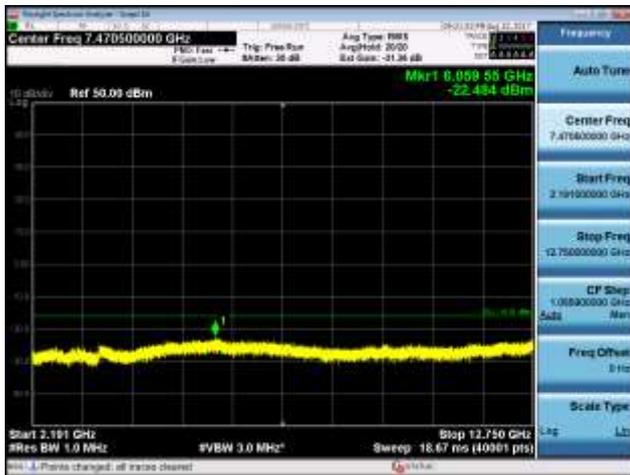
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[256QAM]

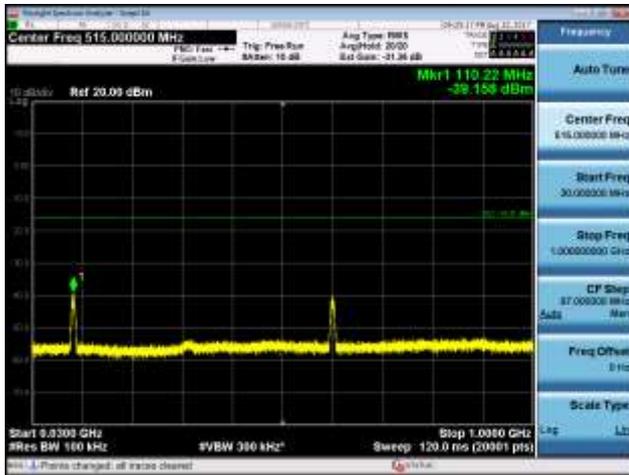
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150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





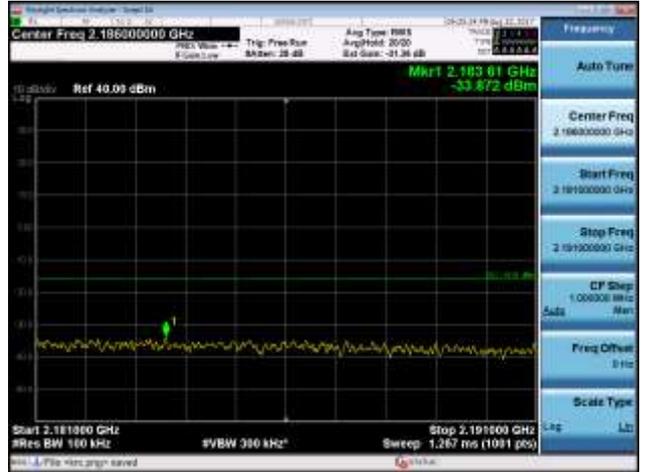
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**Band 66, BW 5MHz + BW 5MHz, Multi carrier(Contiguous), 2TX, Top**  
 [QPSK]

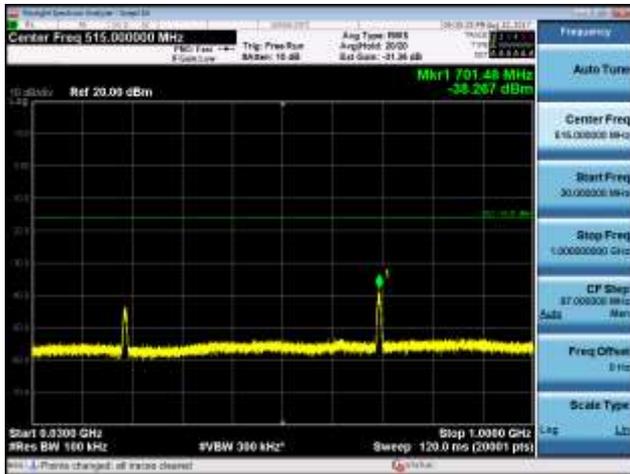
9 kHz - 150 kHz



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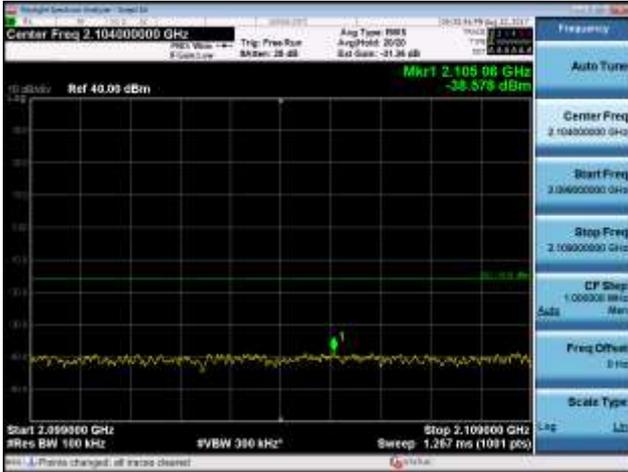




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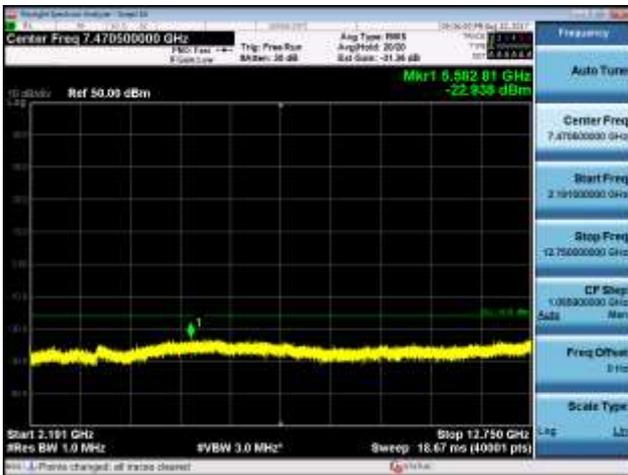
2099 MHz - 2109 MHz



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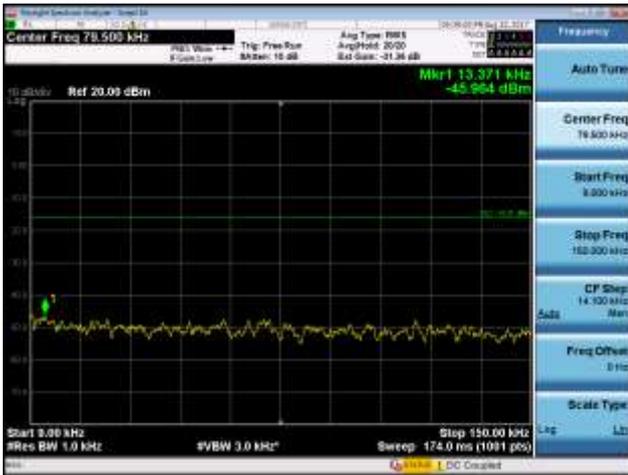


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[16QAM]

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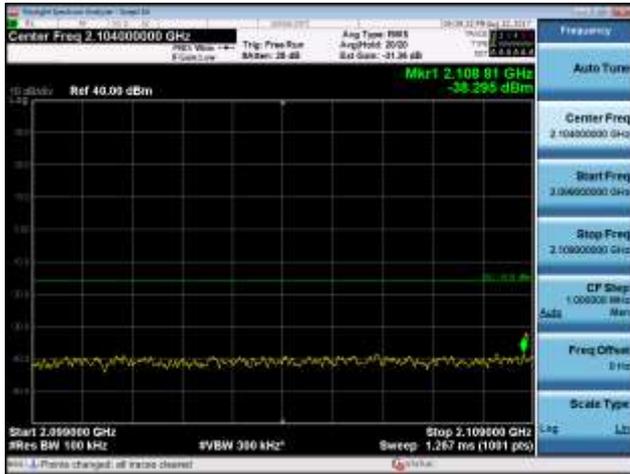




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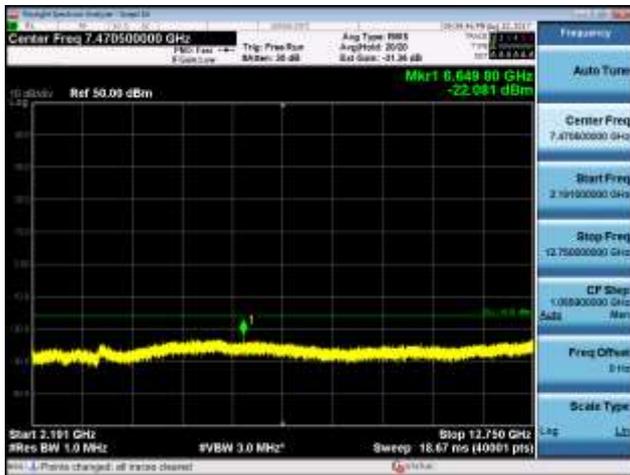
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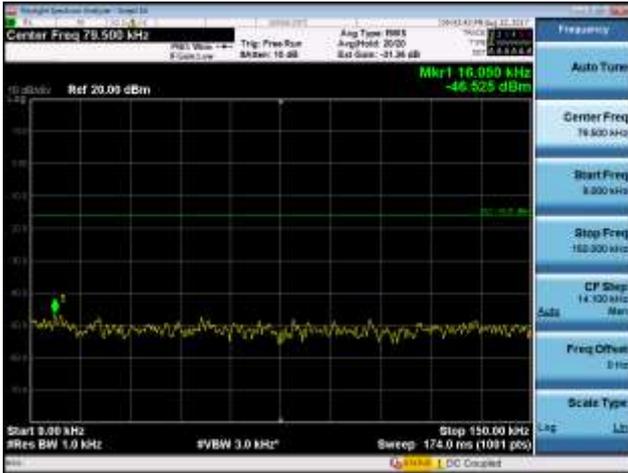


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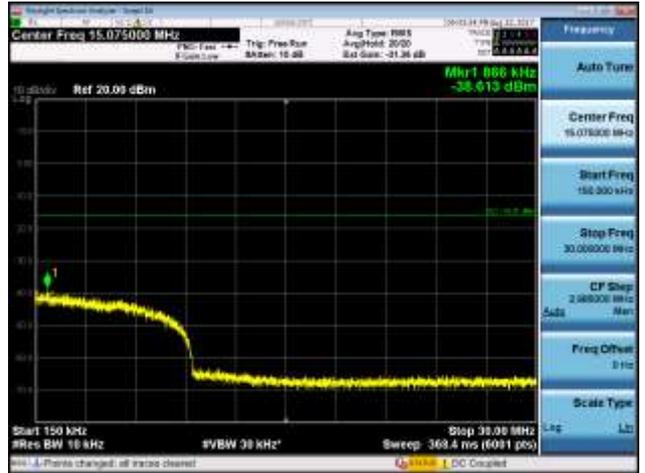
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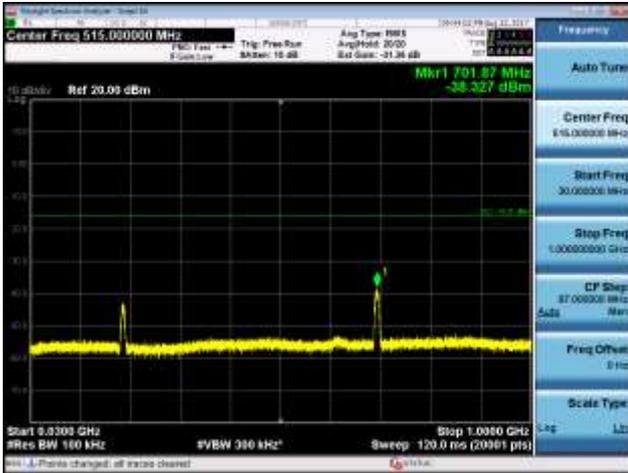
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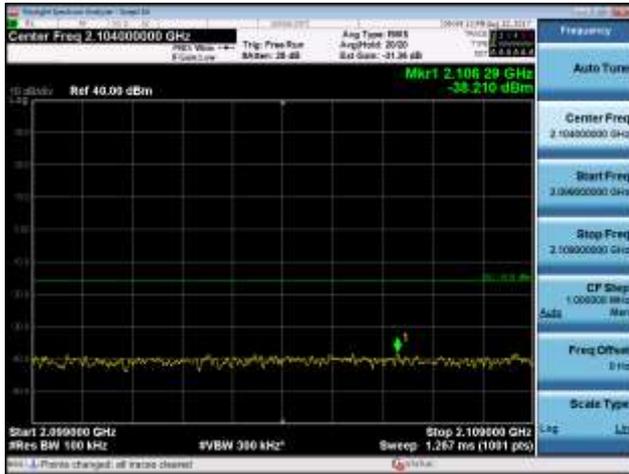




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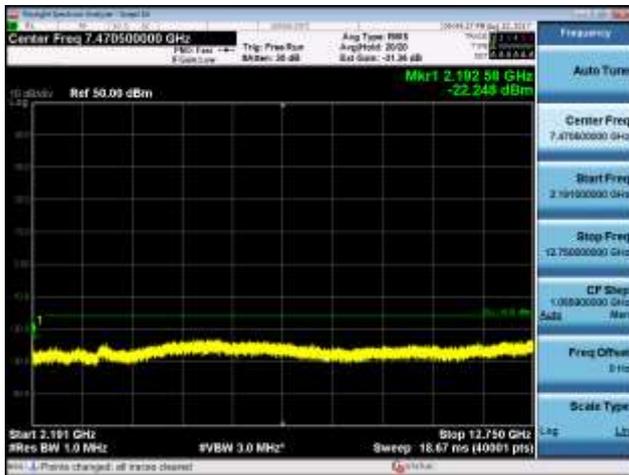
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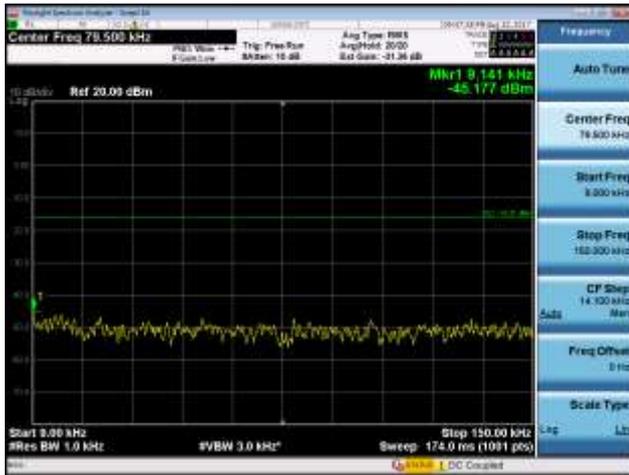


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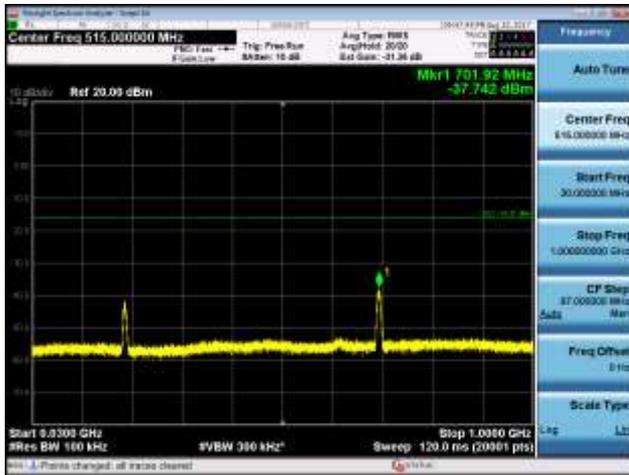
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

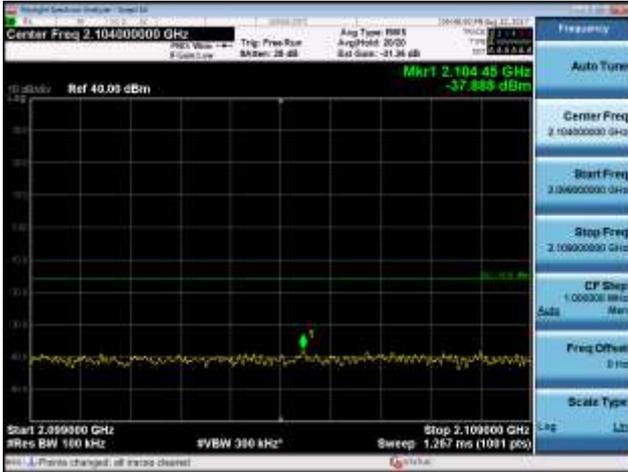




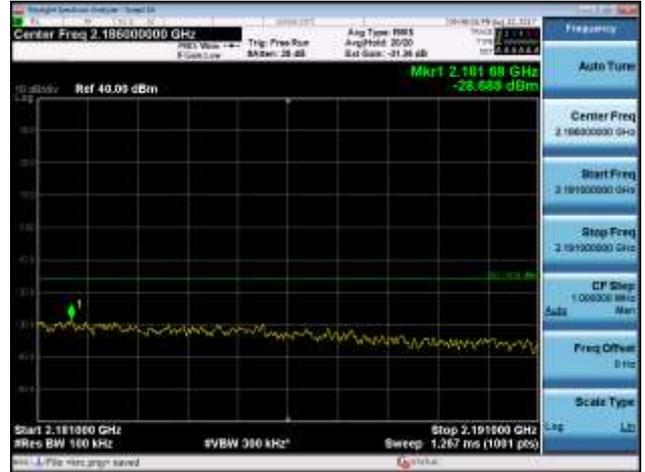
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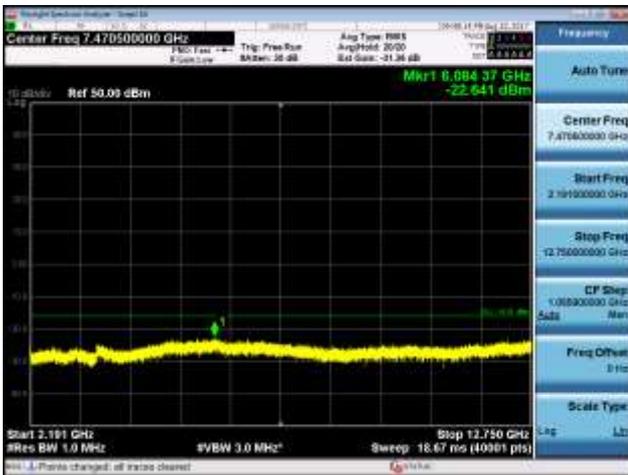
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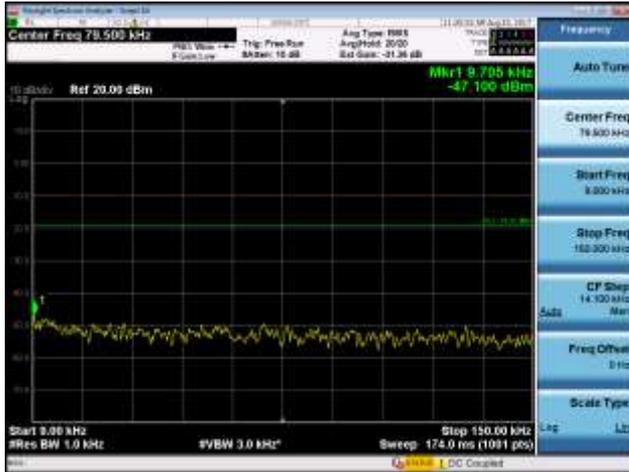


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**Band 66, BW 5MHz + BW 5MHz, Multi carrier(Contiguous), 4TX, Bottom**  
 [QPSK]

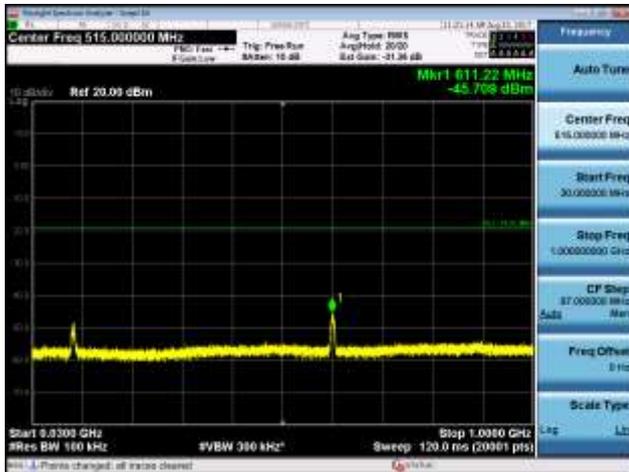
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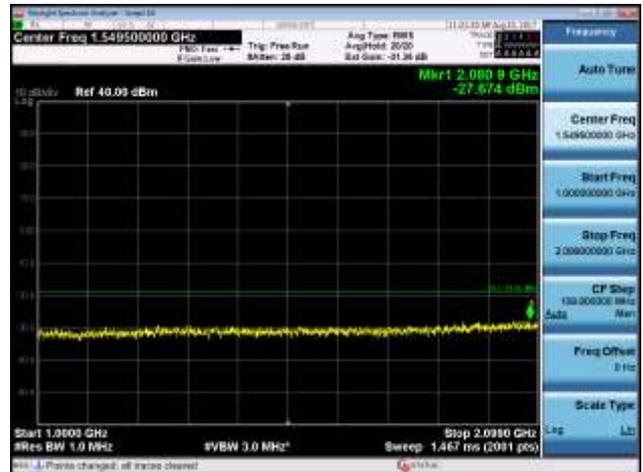
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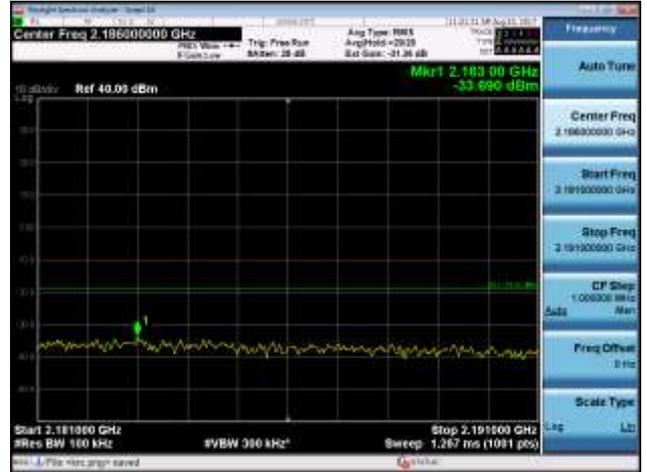
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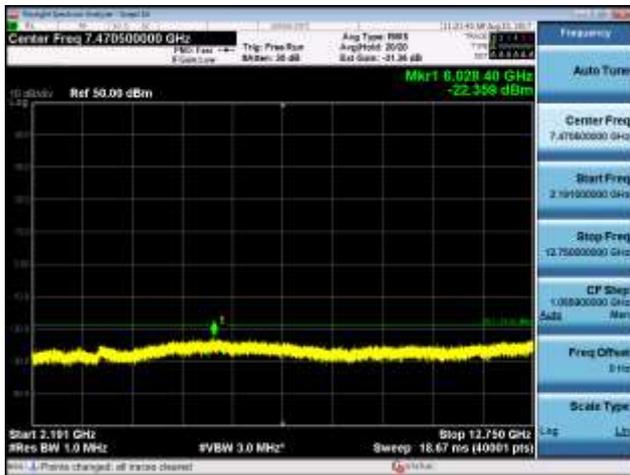
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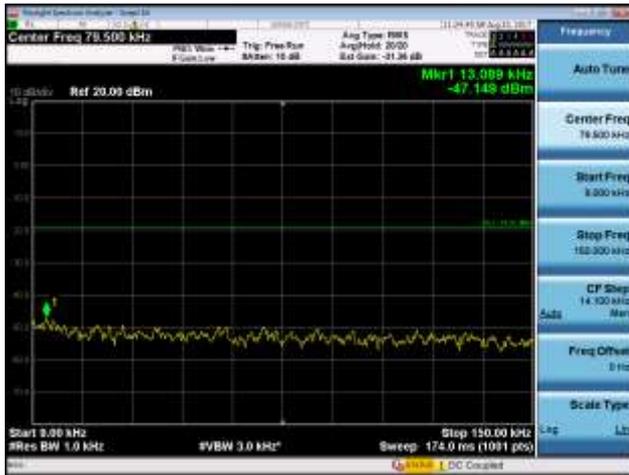


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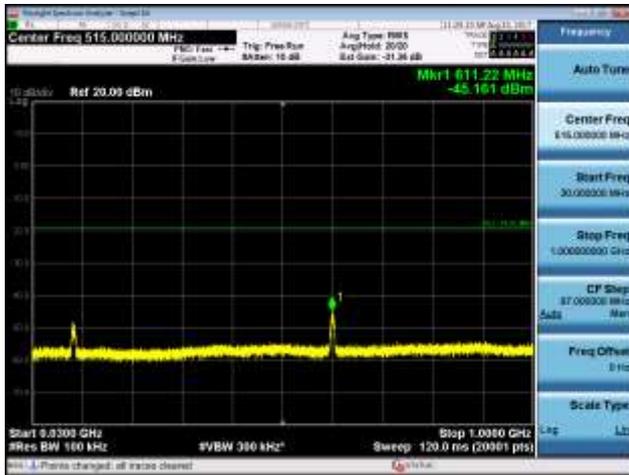
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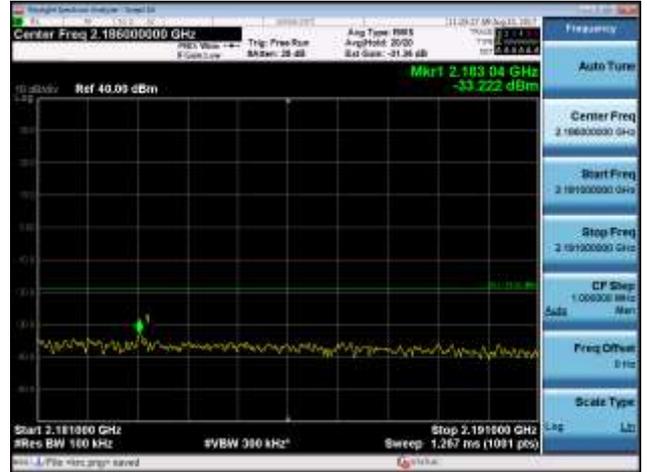
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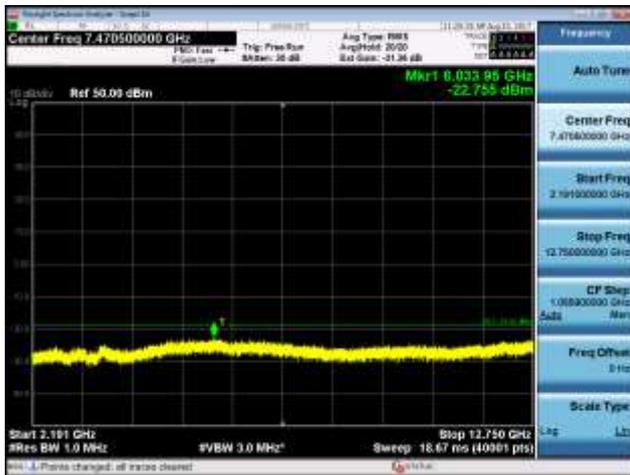
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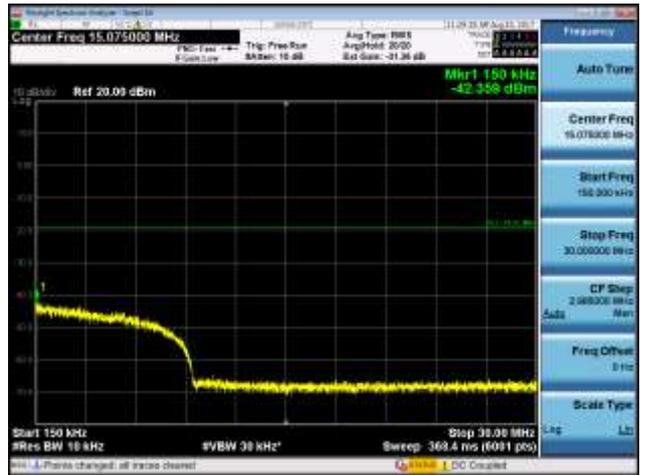
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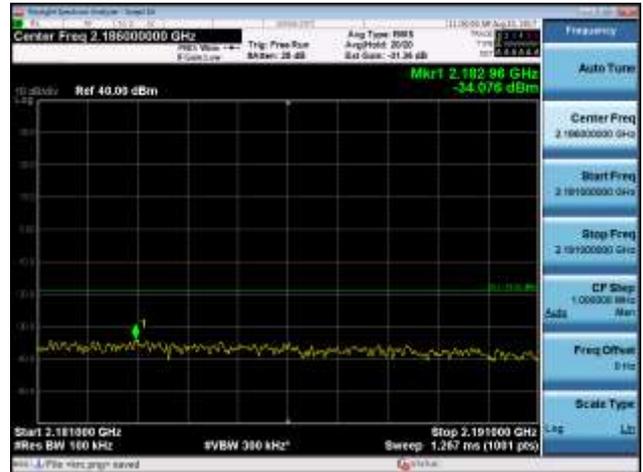
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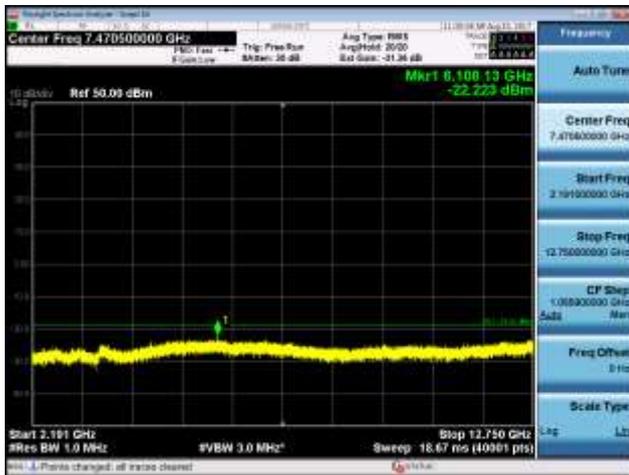
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[256QAM]

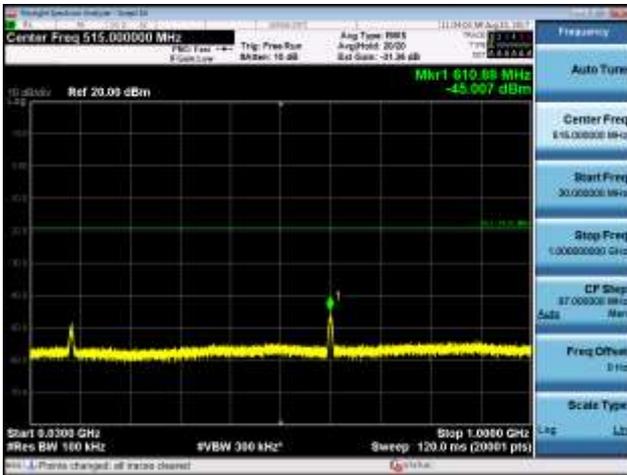
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30 MHz - 1000 MHz



1000 MHz - 2099 MHz





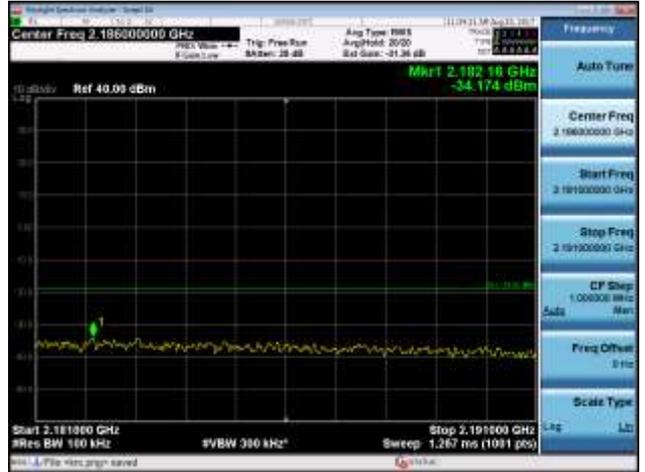
**CTK Co., Ltd.**  
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 Yongin-si, Gyeonggi-do, Korea  
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 Fax: +82-31-624-9501

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2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz

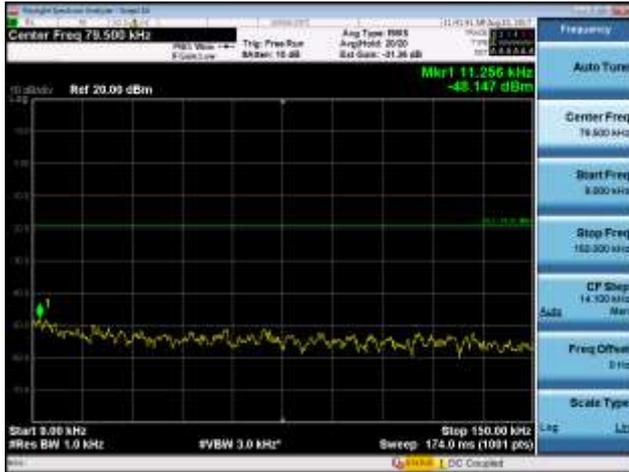


12.75 GHz - 26.5 GHz

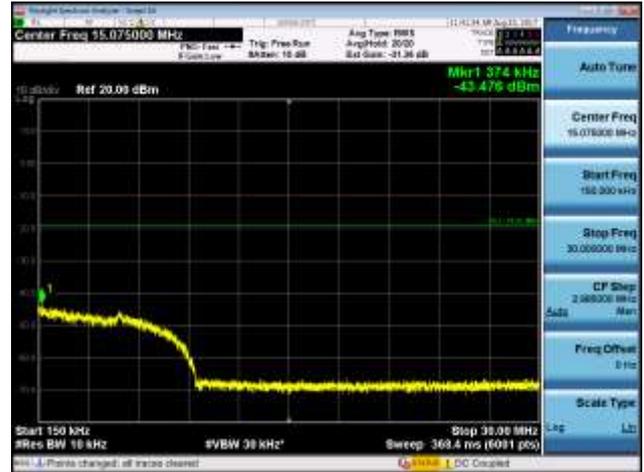


**Band 66, BW 5MHz + BW 5MHz, Multi carrier(Contiguous), 4TX, Top**  
 [QPSK]

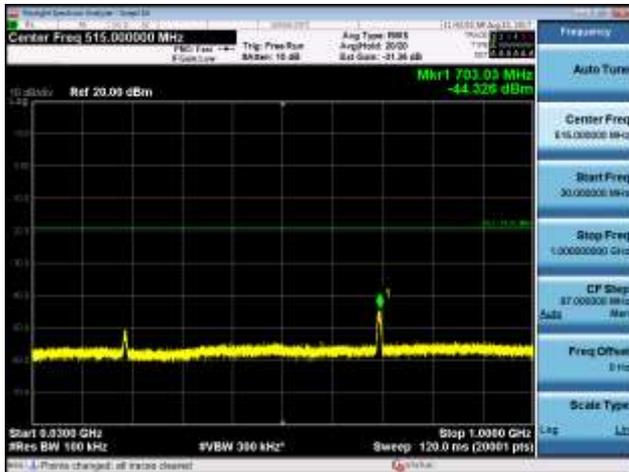
9 kHz - 150 kHz



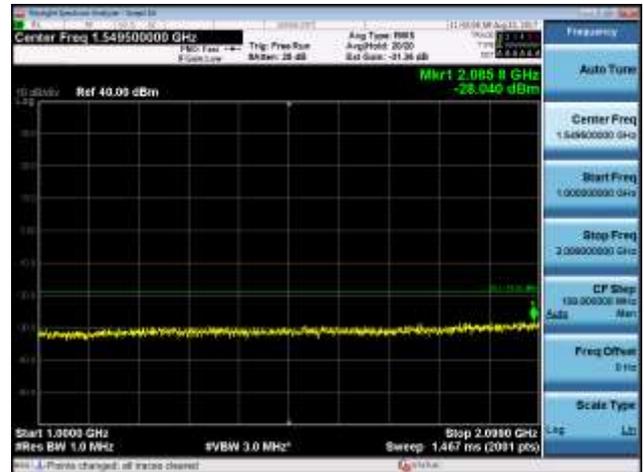
150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

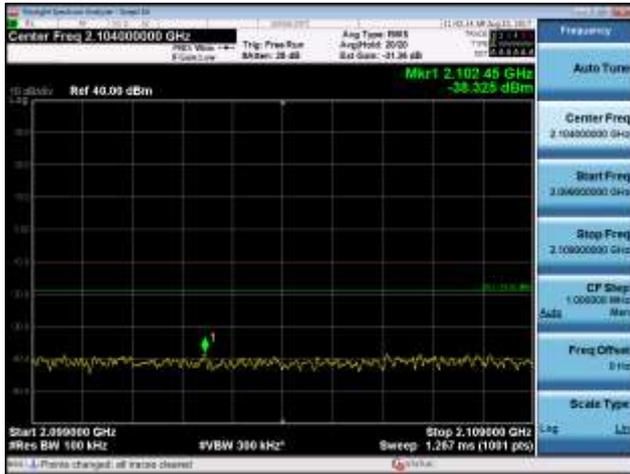




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2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz



12.75 GHz - 26.5 GHz



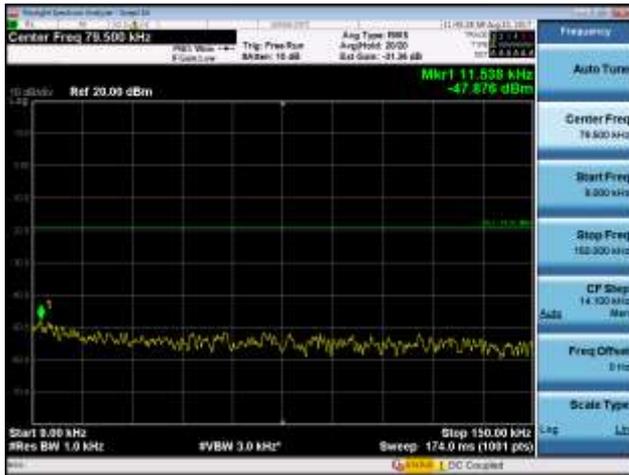


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[16QAM]

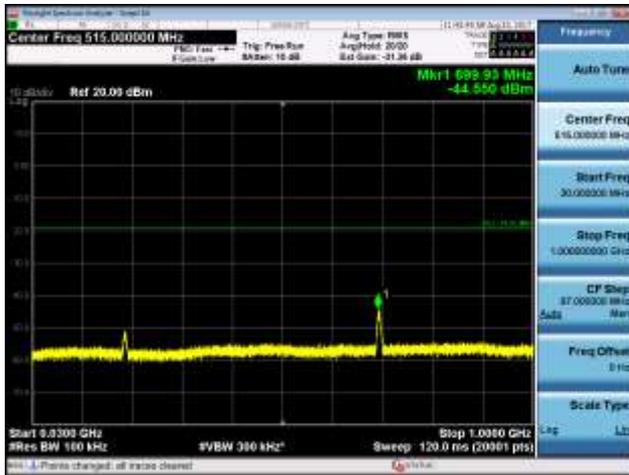
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

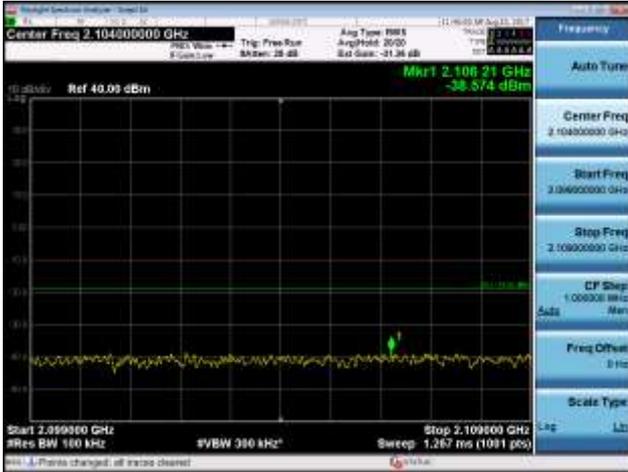




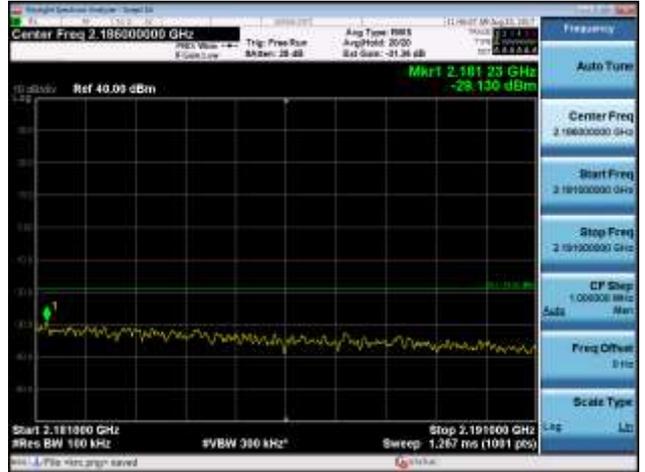
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2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz



12.75 GHz - 26.5 GHz





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[64QAM]

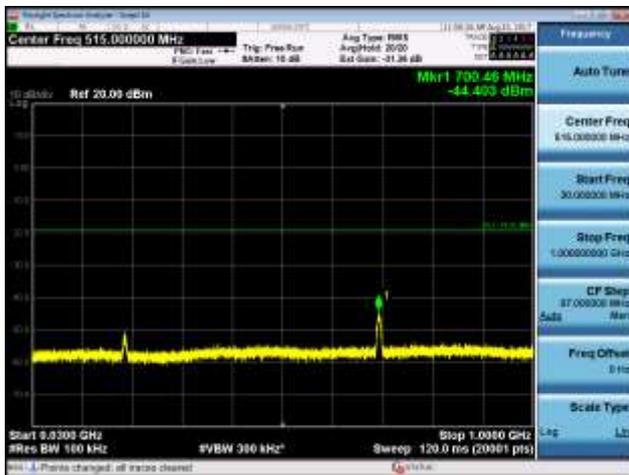
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

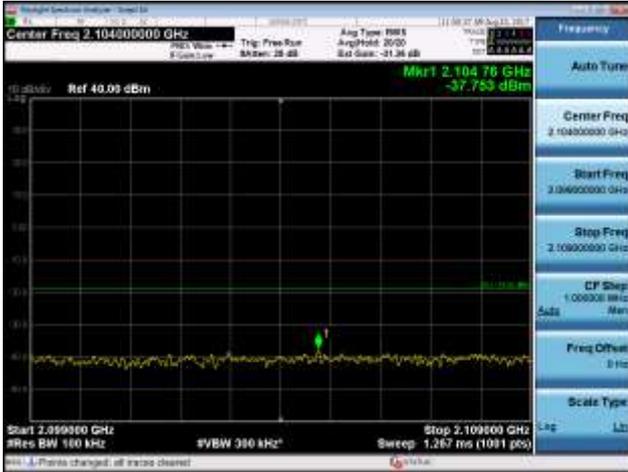




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2181 MHz - 2191 MHz



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[256QAM]

9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

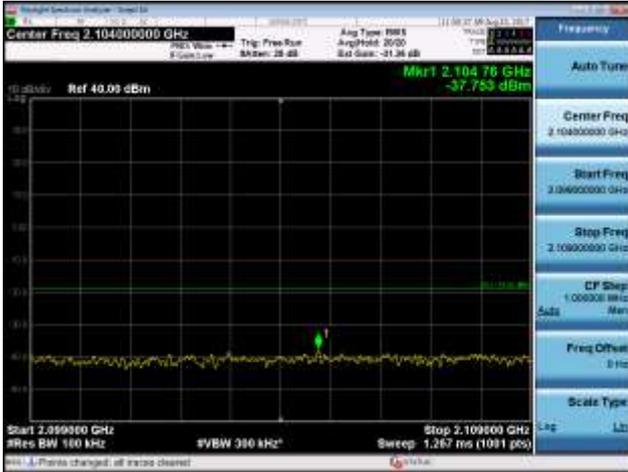




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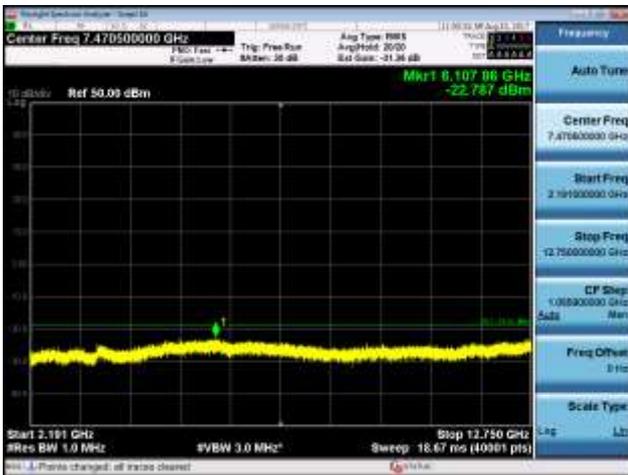
2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz

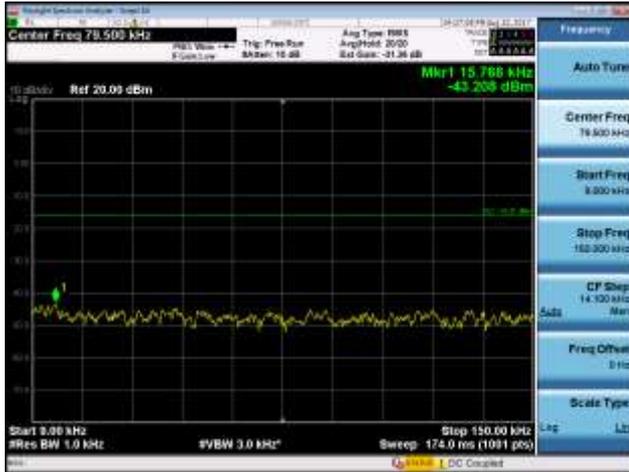


12.75 GHz - 26.5 GHz



**Band 66, BW 5MHz + BW 15MHz, Multi carrier(Contiguous), 2TX, Bottom**  
[QPSK]

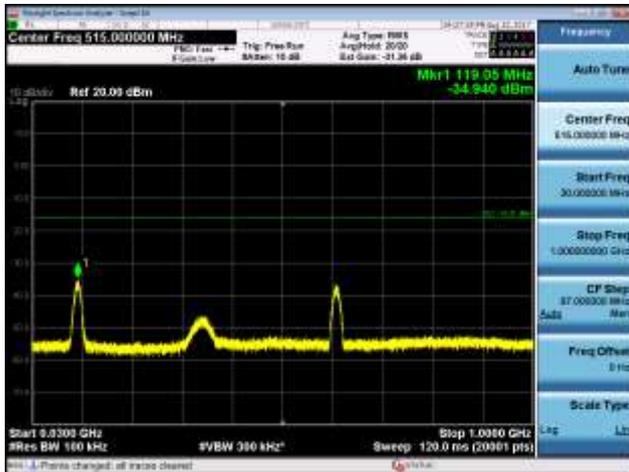
9 kHz - 150 kHz



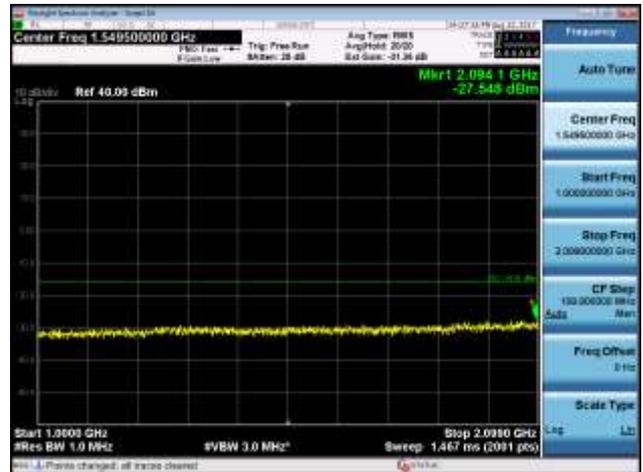
150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





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2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz



12.75 GHz - 26.5 GHz



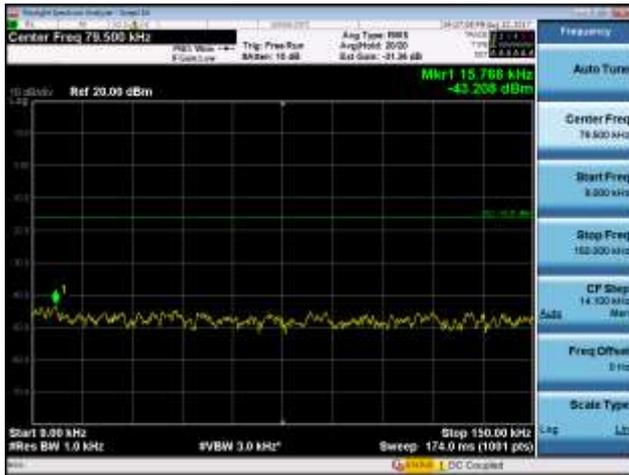


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[16QAM]

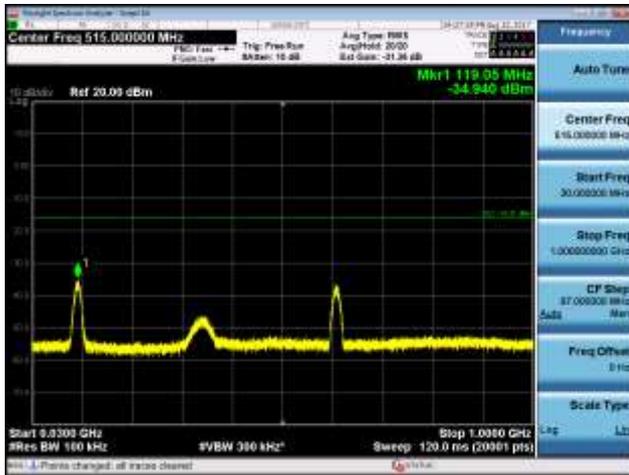
9 kHz - 150 kHz



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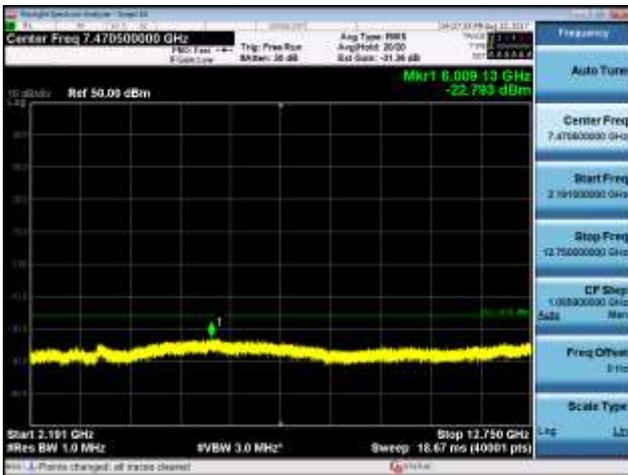
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[64QAM]

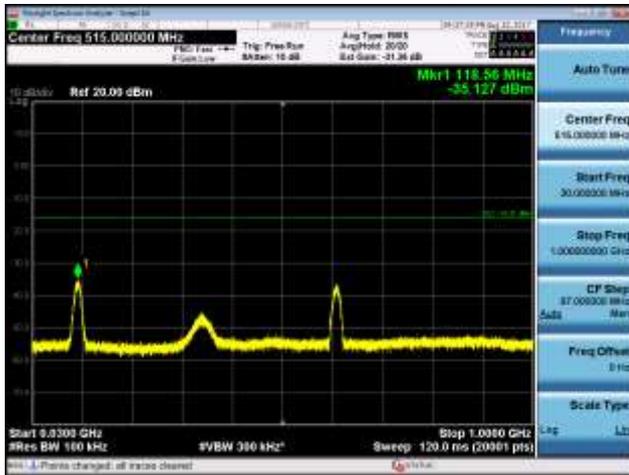
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





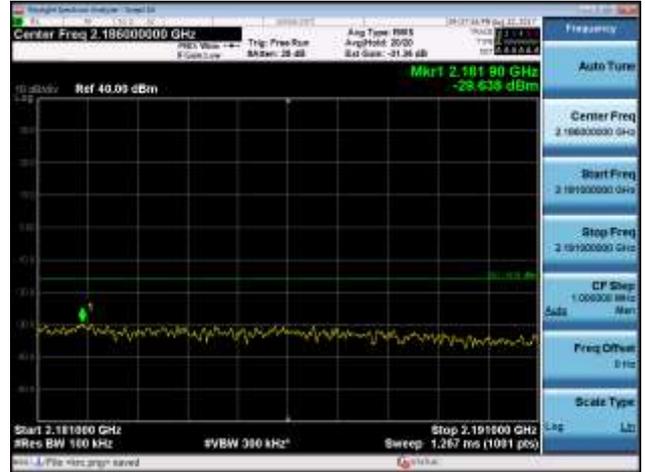
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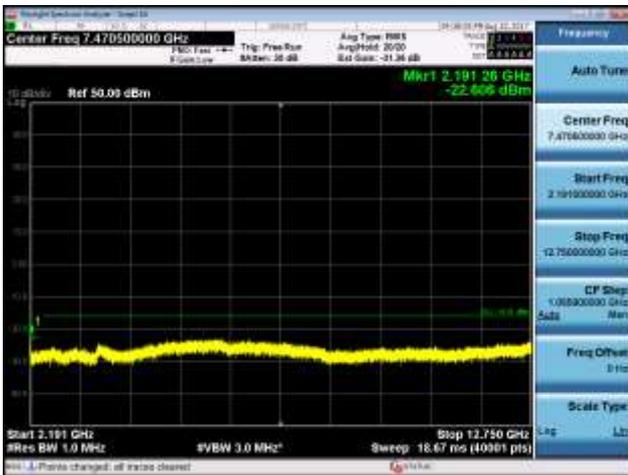
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[256QAM]

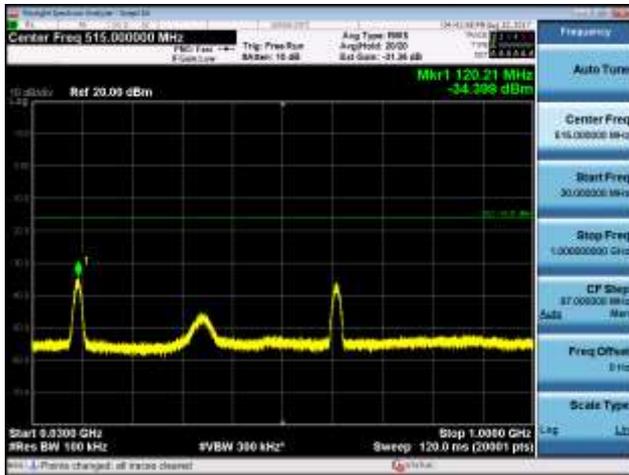
9 kHz - 150 kHz



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1000 MHz - 2099 MHz





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**Band 66, BW 5MHz + BW 15MHz, Multi carrier(Contiguous), 2TX, Top**  
 [QPSK]

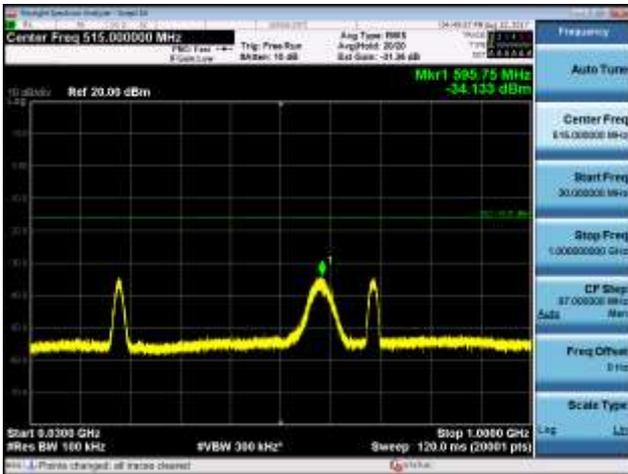
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





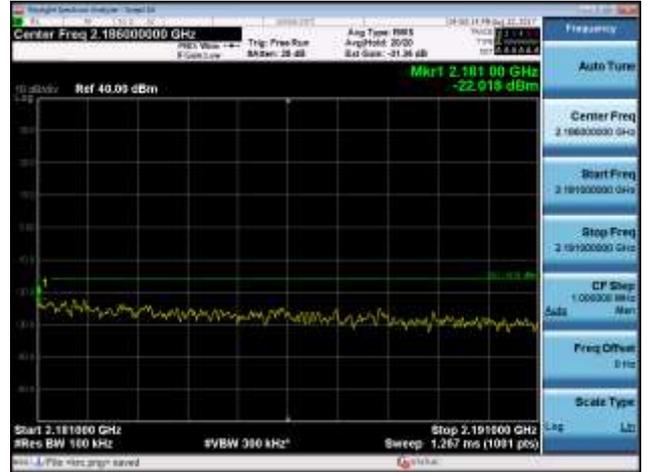
**CTK Co., Ltd.**  
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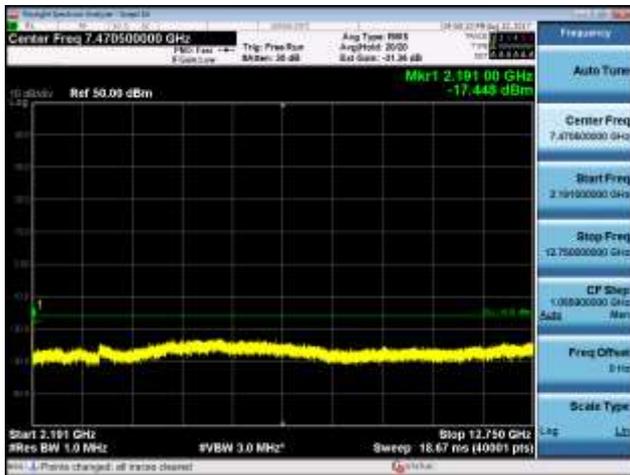
2099 MHz - 2109 MHz



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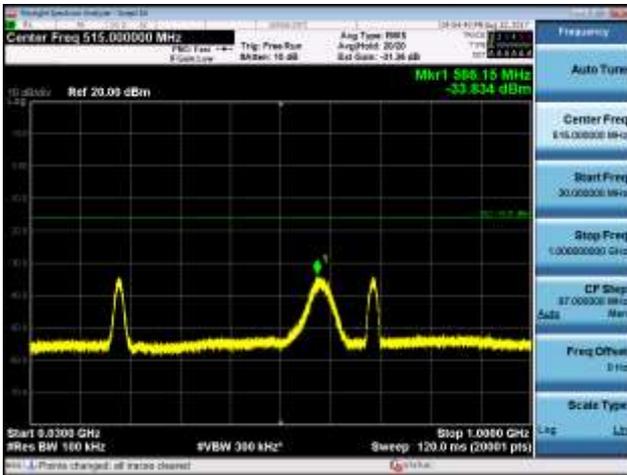
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1000 MHz - 2099 MHz

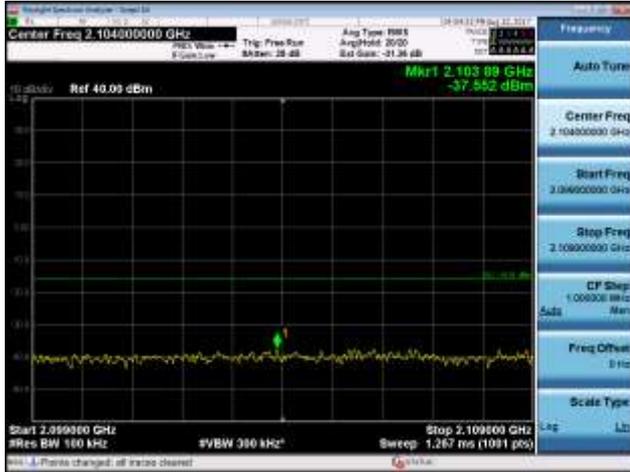




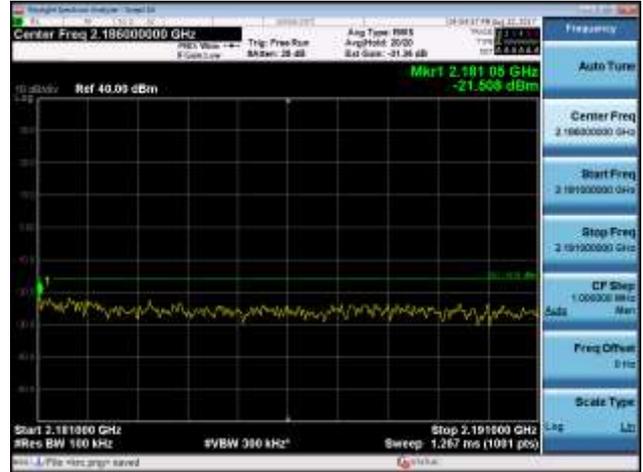
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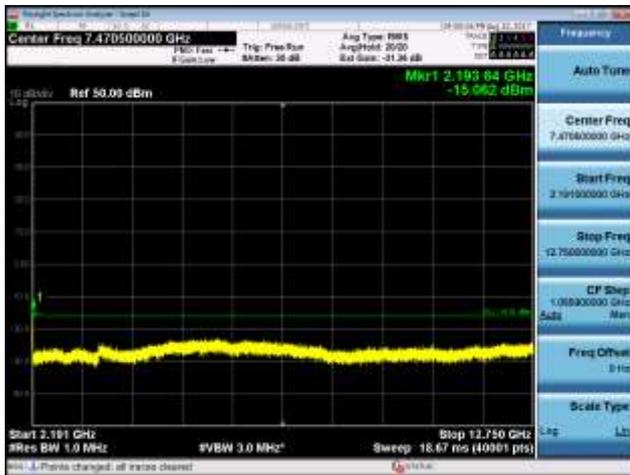
2099 MHz - 2109 MHz



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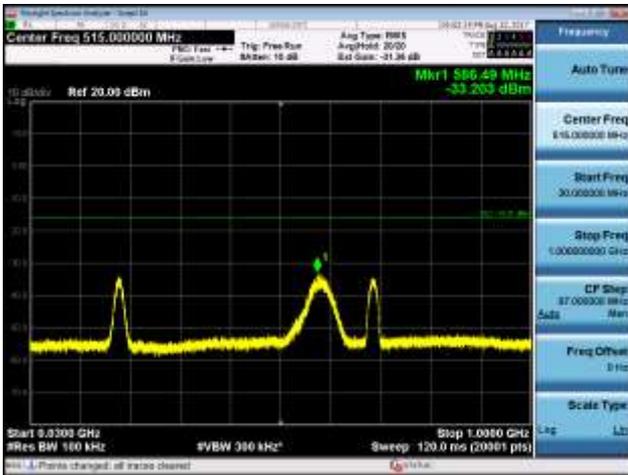
9 kHz - 150 kHz



150 kHz - 30 MHz



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1000 MHz - 2099 MHz





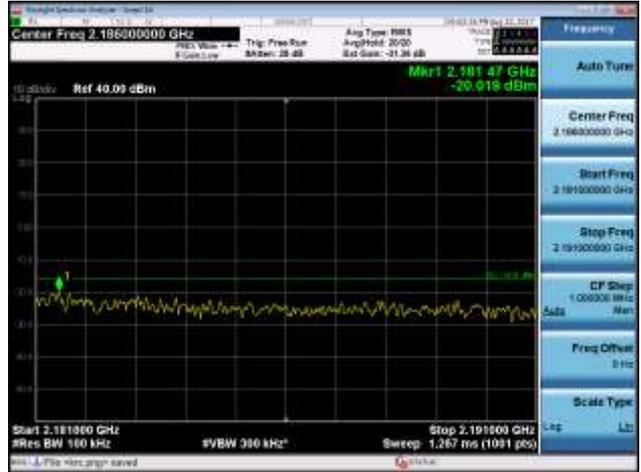
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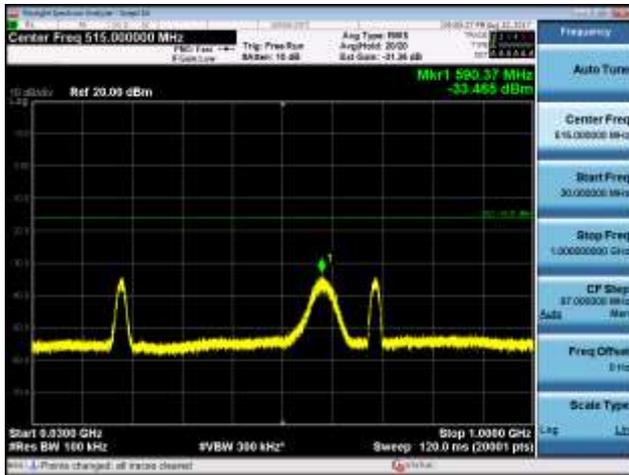
9 kHz - 150 kHz



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1000 MHz - 2099 MHz





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2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz



12.75 GHz - 26.5 GHz



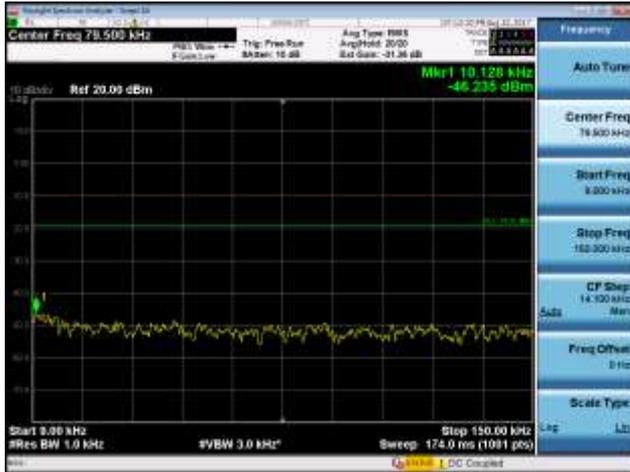


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**Band 66, BW 5MHz + BW 15MHz, Multi carrier(Contiguous), 4TX, Bottom**  
 [QPSK]

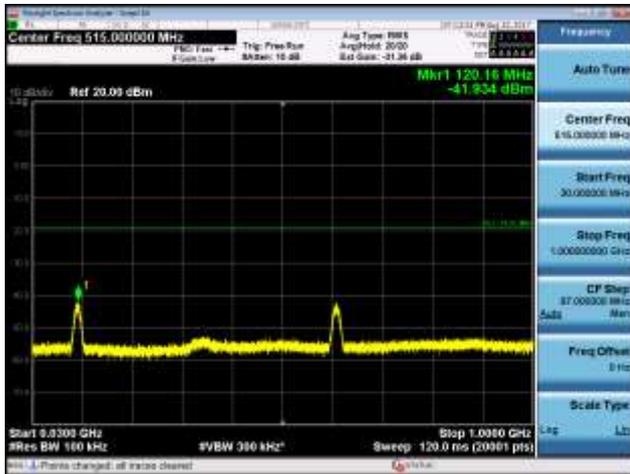
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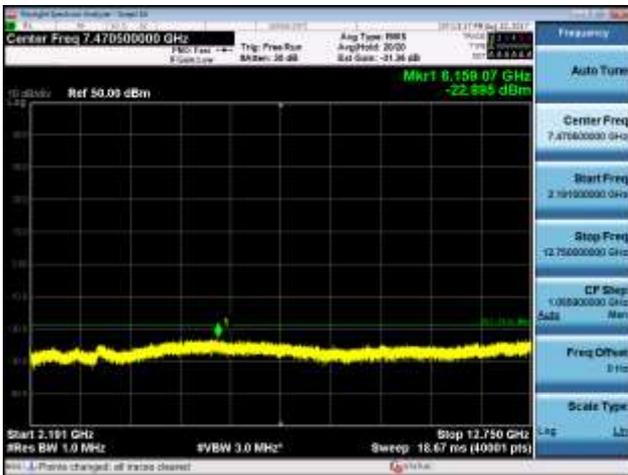
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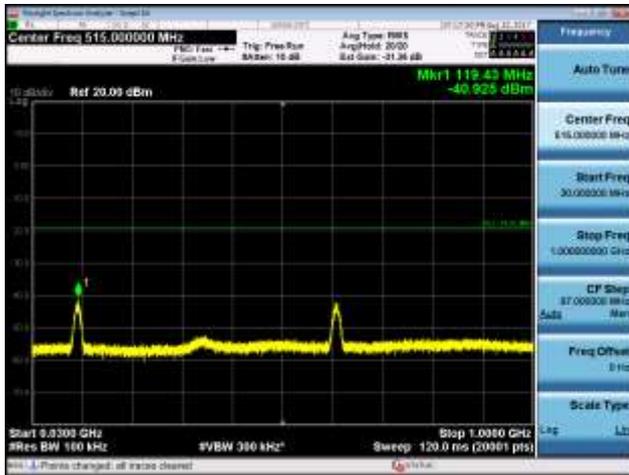
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150 kHz - 30 MHz



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1000 MHz - 2099 MHz

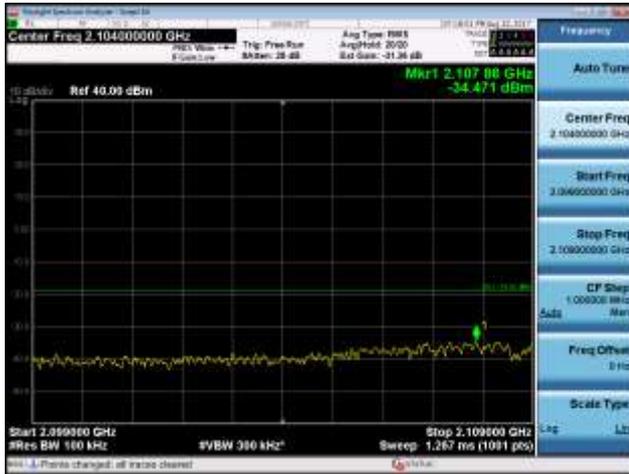




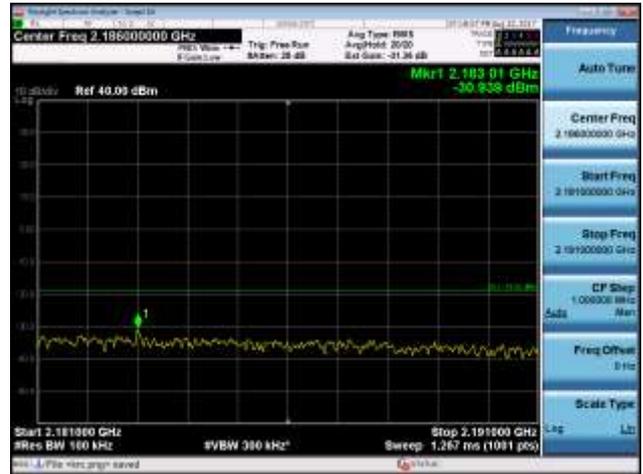
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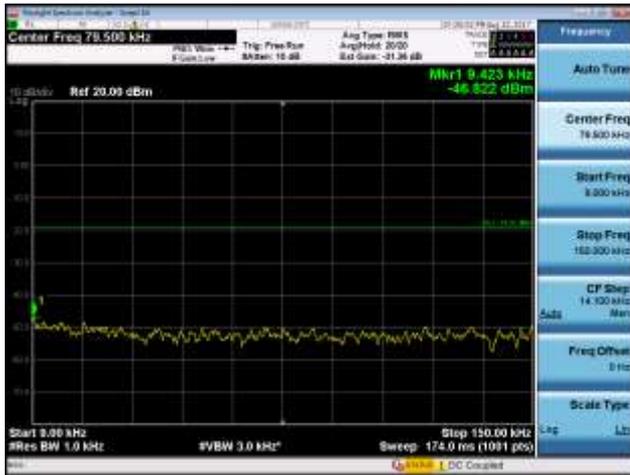


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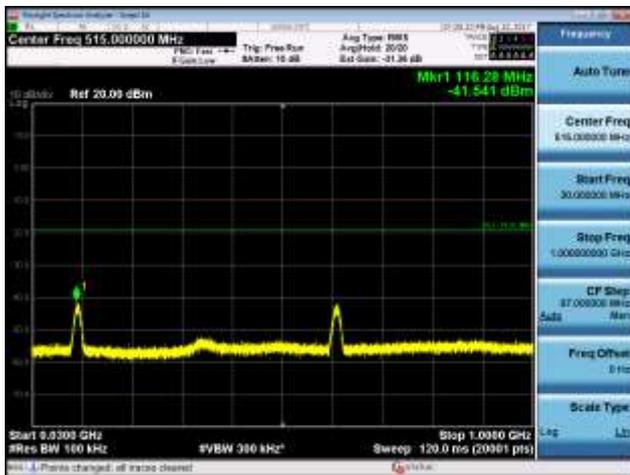
9 kHz - 150 kHz



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1000 MHz - 2099 MHz





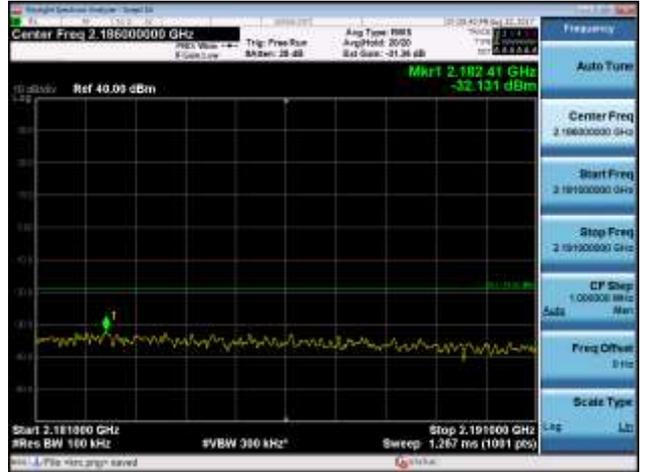
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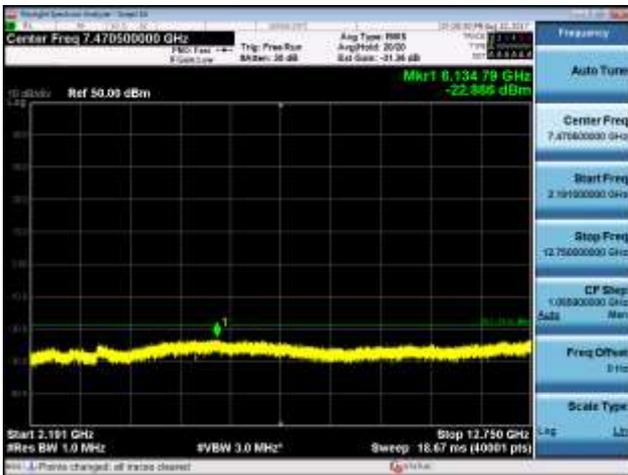
2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz



12.75 GHz - 26.5 GHz



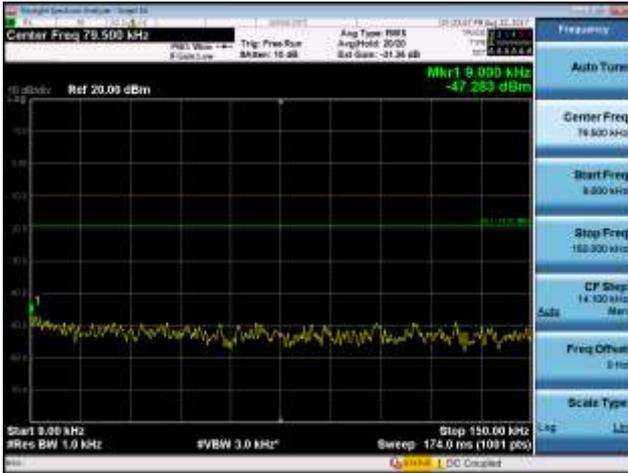


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[256QAM]

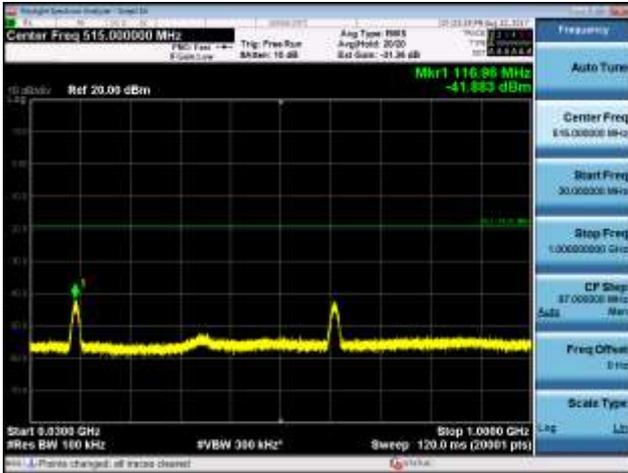
9 kHz - 150 kHz



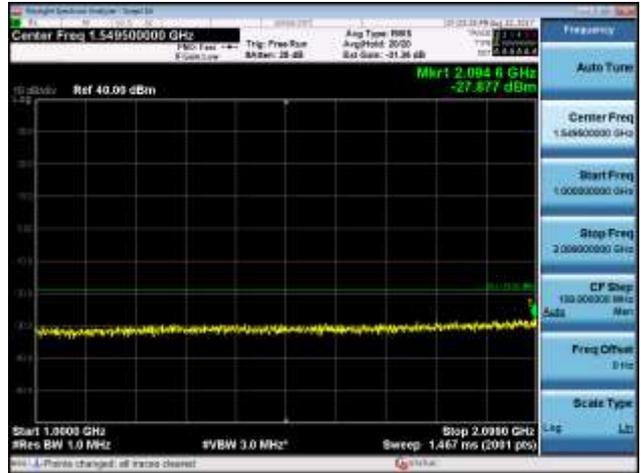
150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

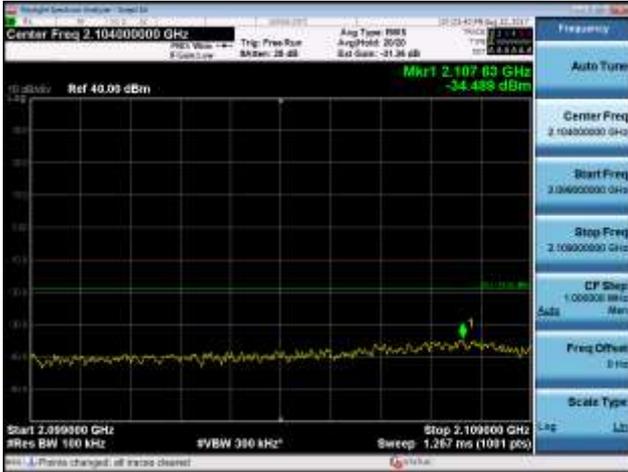




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2099 MHz - 2109 MHz



2181 MHz - 2191 MHz



2191 MHz - 12.75 GHz



12.75 GHz - 26.5 GHz





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**Band 66, BW 5MHz + BW 15MHz, Multi carrier(Contiguous), 4TX, Top**  
[QPSK]

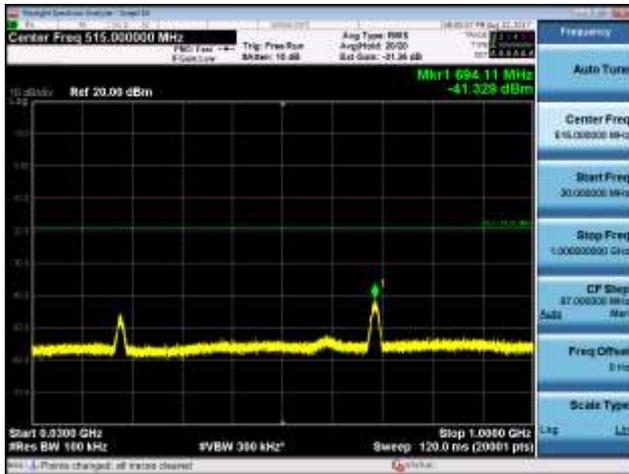
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

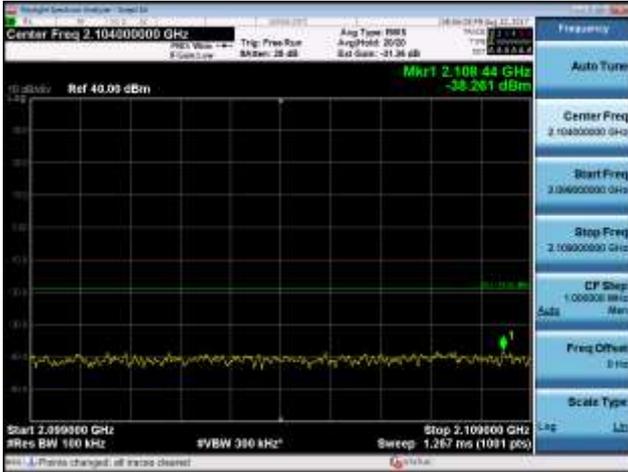




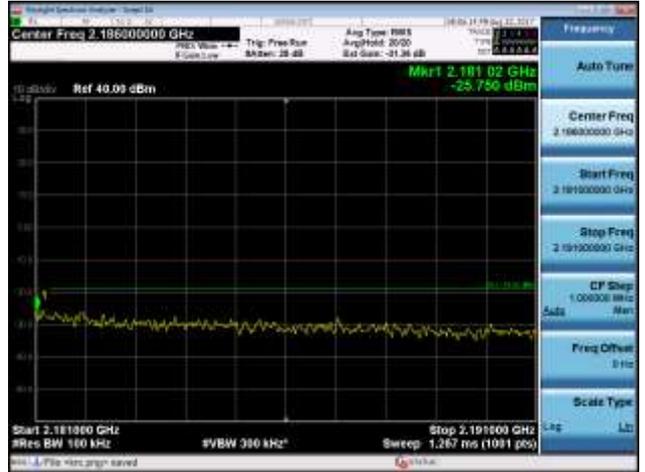
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[16QAM]

9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

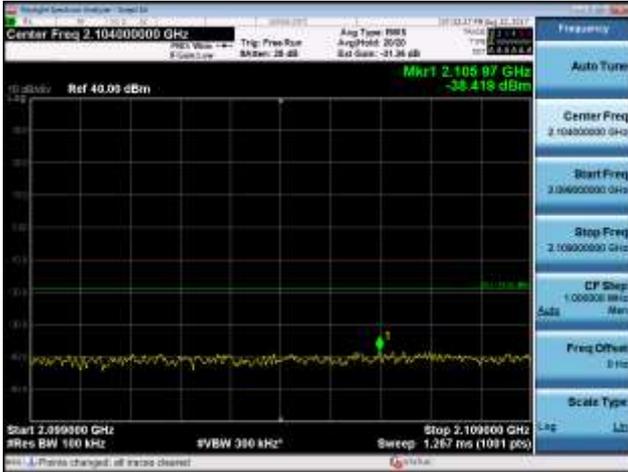




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[64QAM]

9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





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[256QAM]

9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

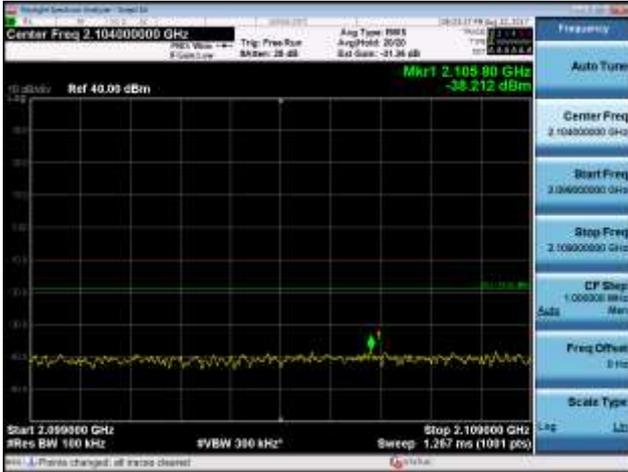




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**Band 66, BW 5MHz + BW 5MHz, Multi carrier(Non-Contiguous), 2TX**  
 [QPSK]

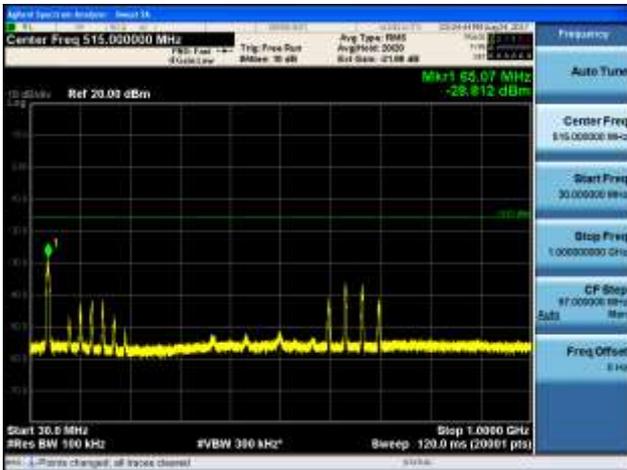
9 kHz - 150 kHz



150 kHz - 30 MHz



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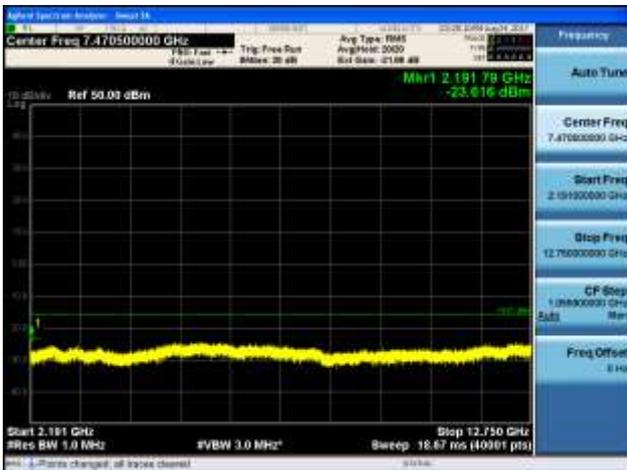
2099 MHz - 2109 MHz



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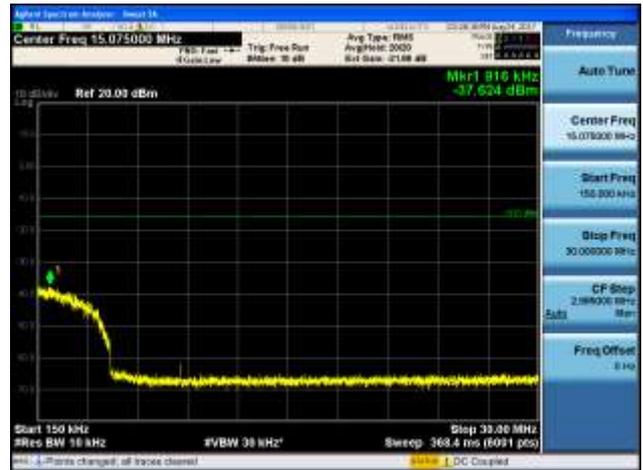
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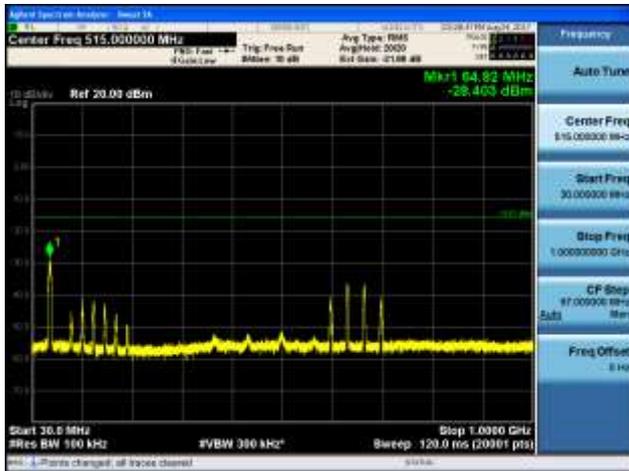
9 kHz - 150 kHz



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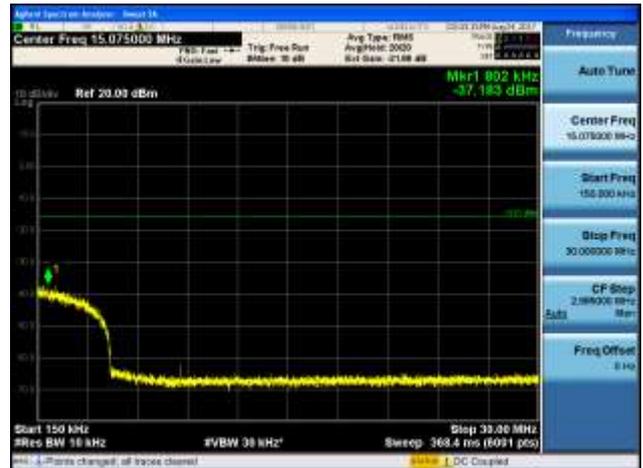
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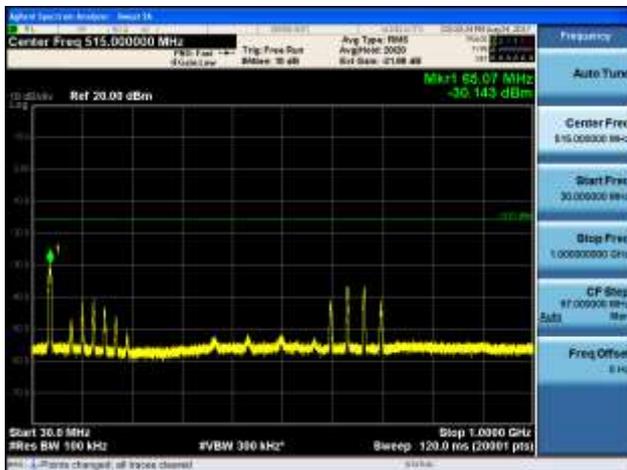
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

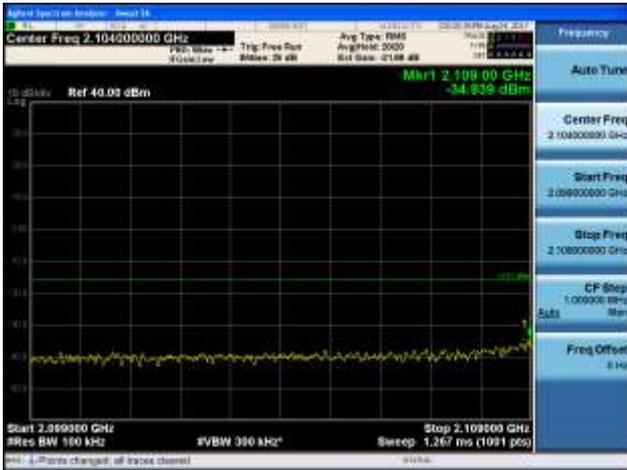




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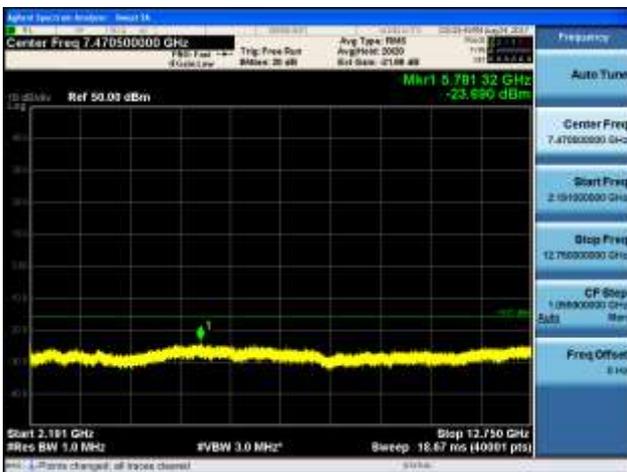
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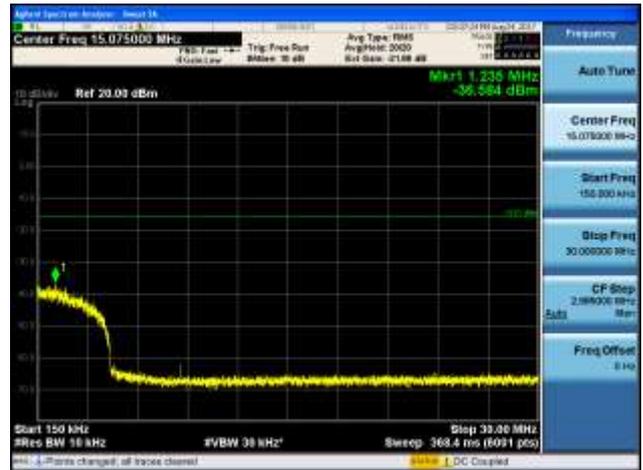
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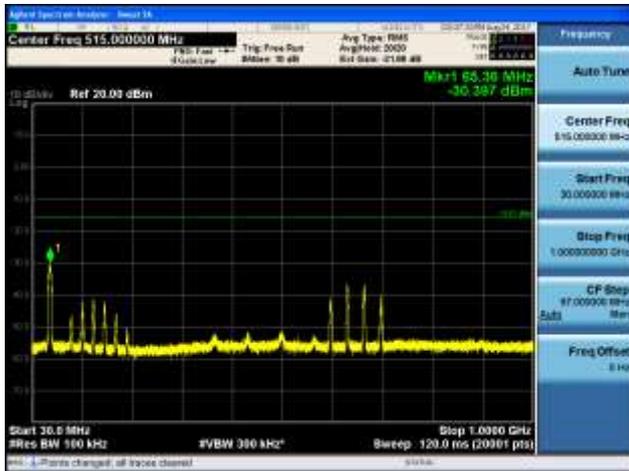
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

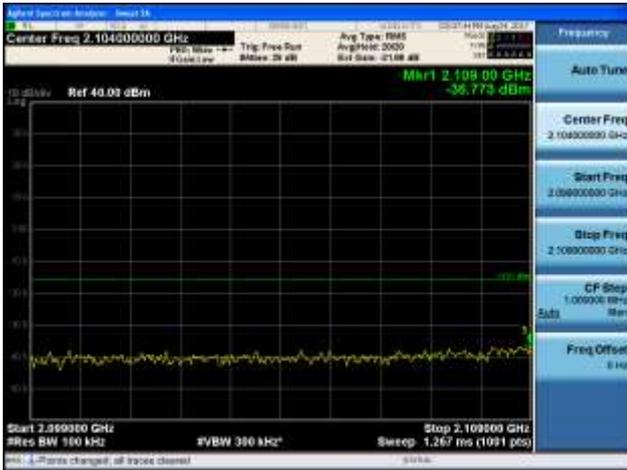




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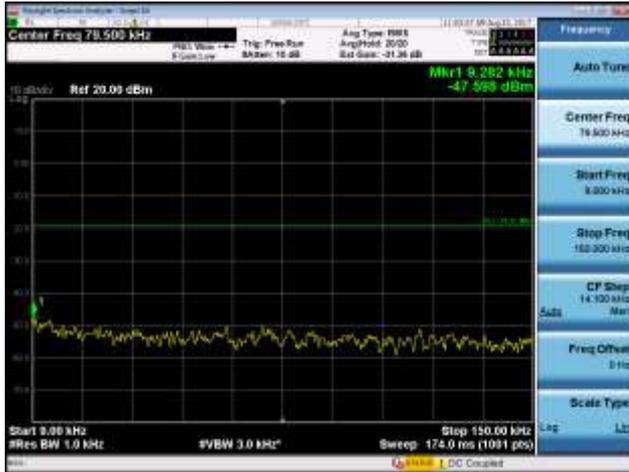


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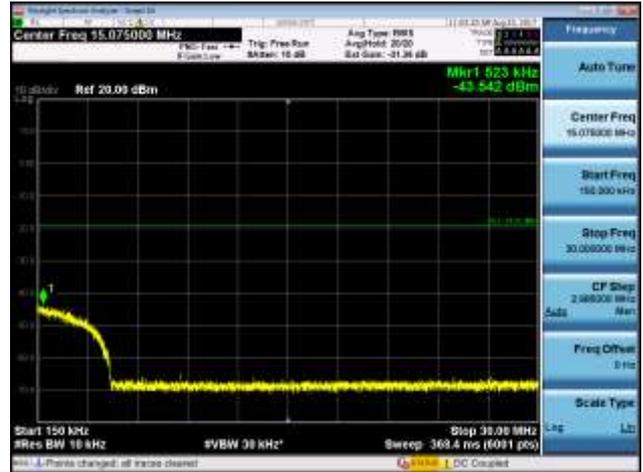
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**Band 66, BW 5MHz + BW 5MHz, Multi carrier(Non-Contiguous), 4TX**  
[QPSK]

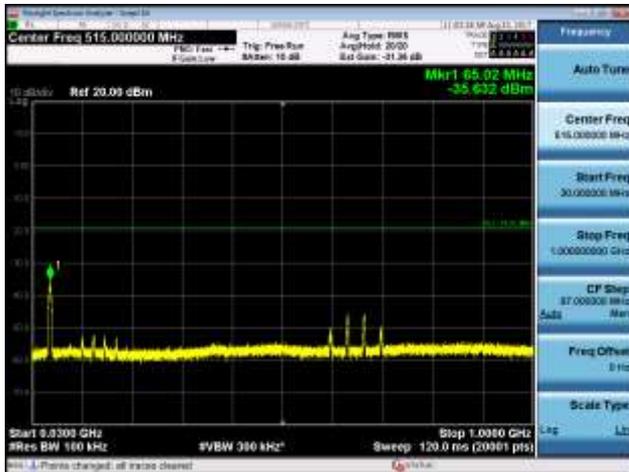
9 kHz - 150 kHz



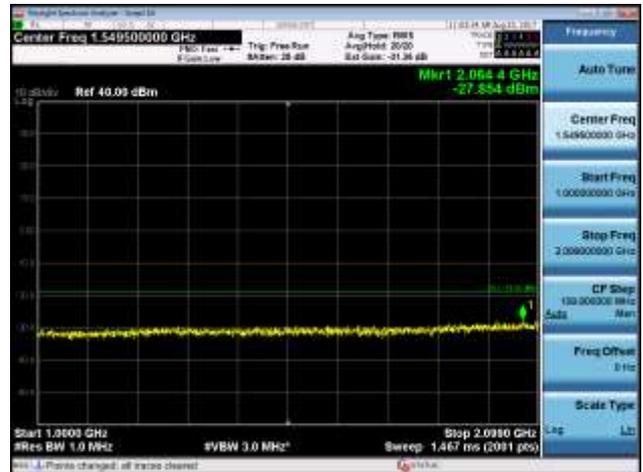
150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





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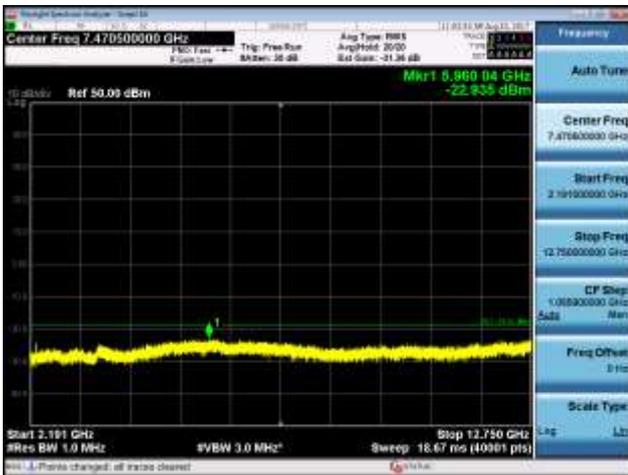
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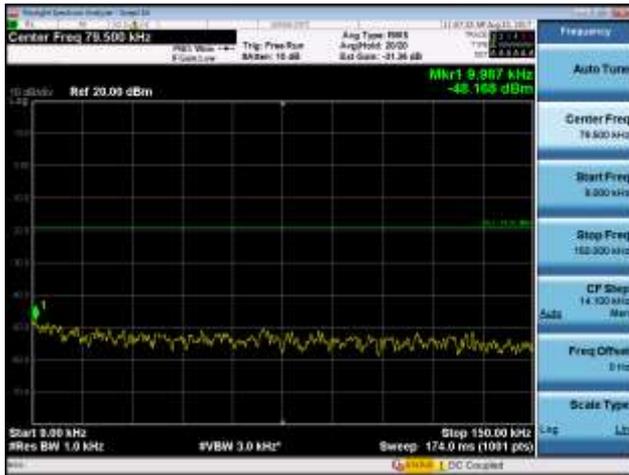


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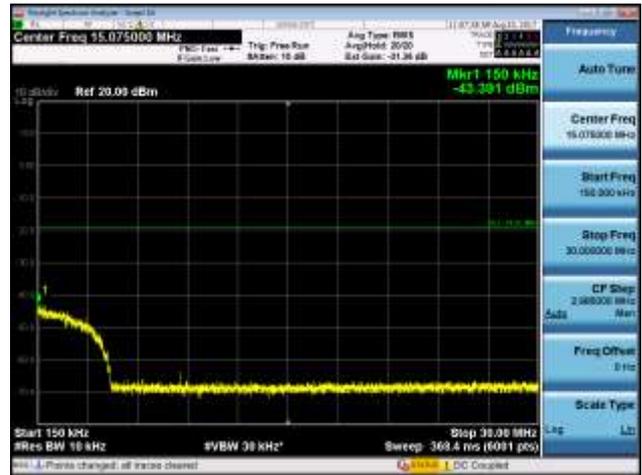
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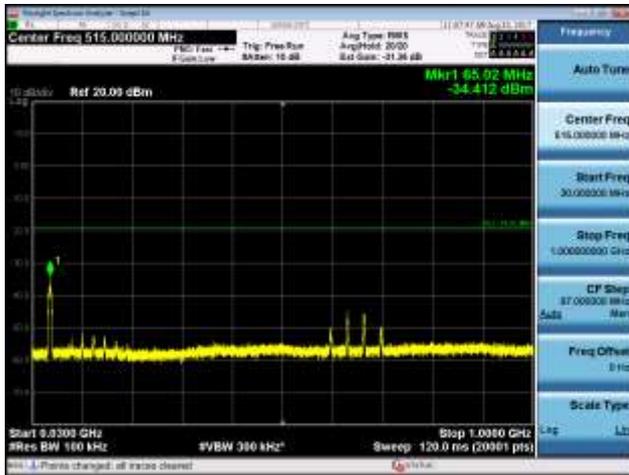
9 kHz - 150 kHz



150 kHz - 30 MHz



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1000 MHz - 2099 MHz





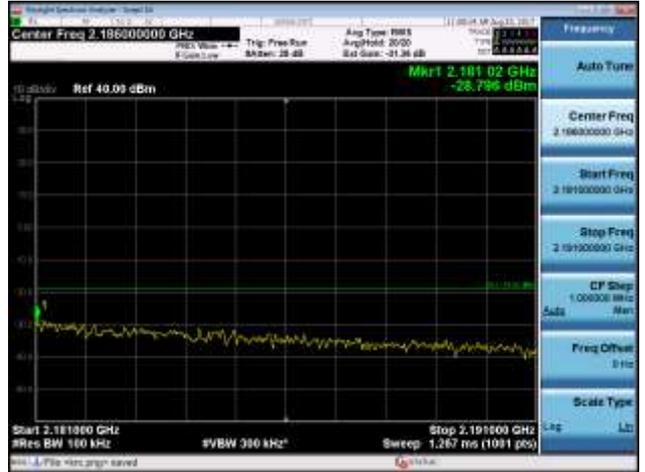
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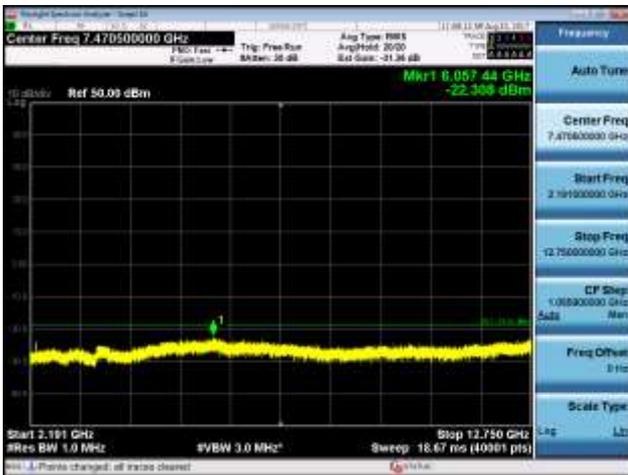
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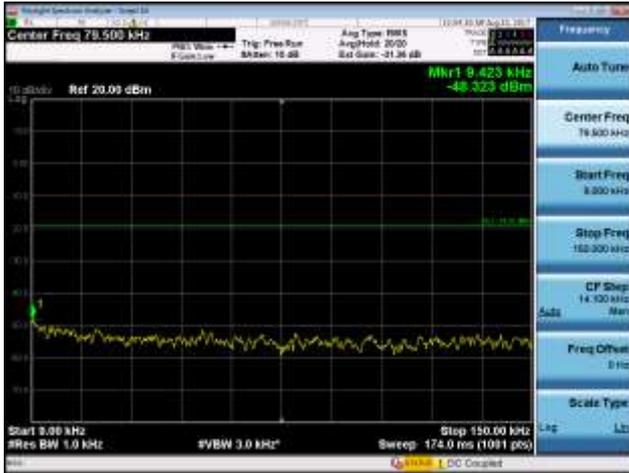


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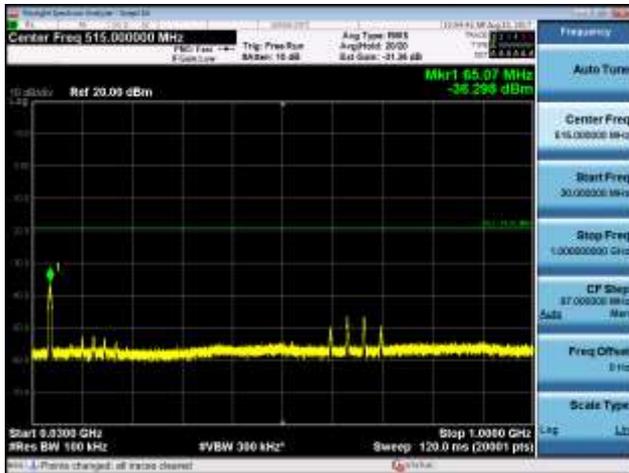
9 kHz - 150 kHz



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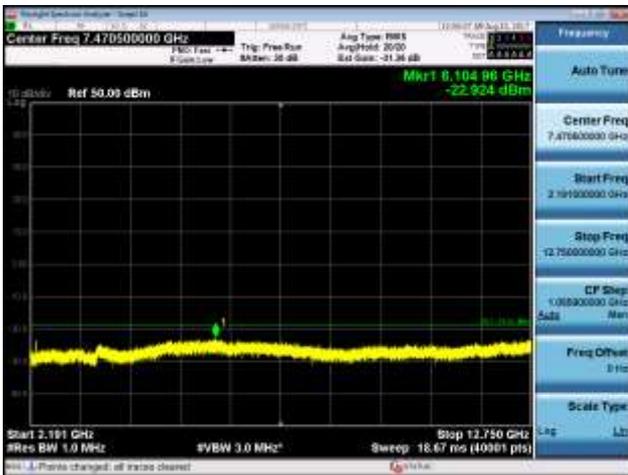
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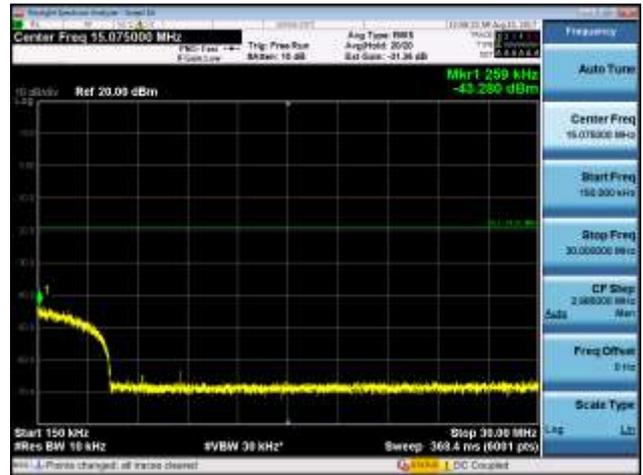
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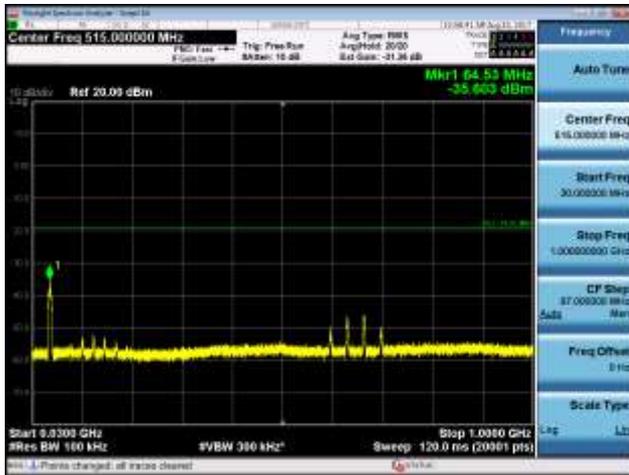
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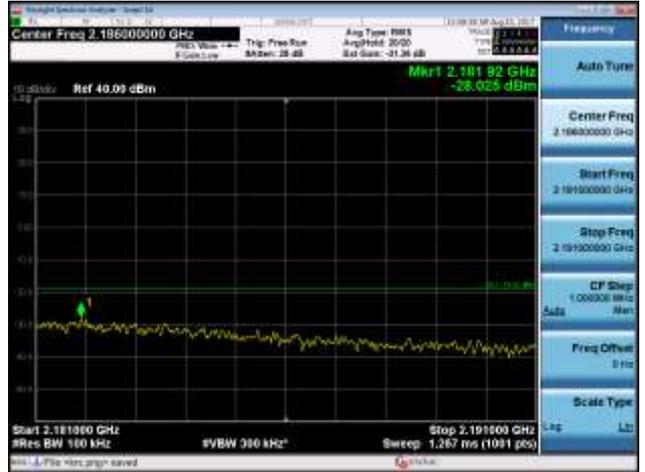
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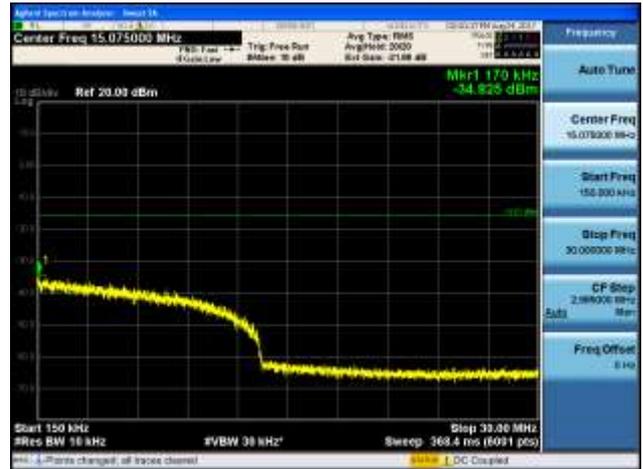
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**Band 66, BW 15MHz + BW 5MHz, Multi carrier(Non-Contiguous), 2TX**  
 [QPSK]

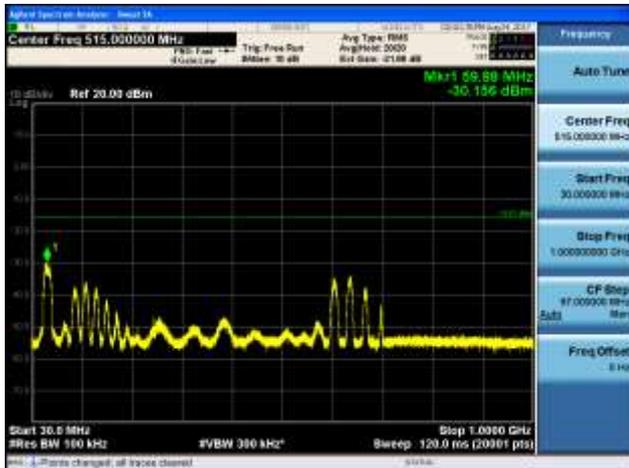
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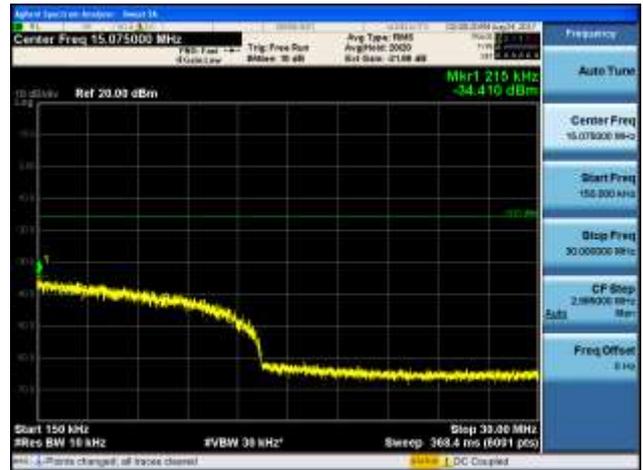
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[16QAM]

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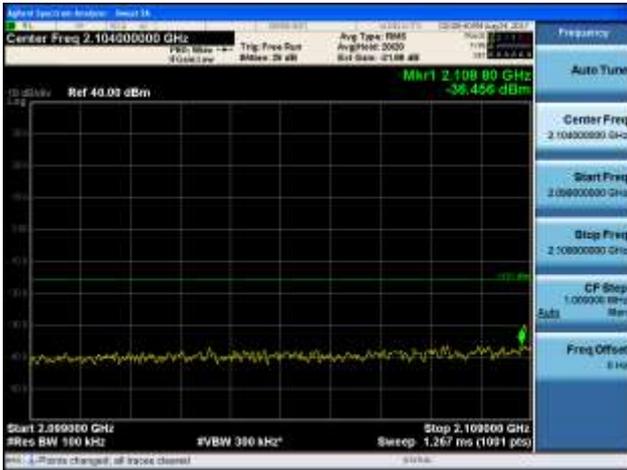




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[64QAM]

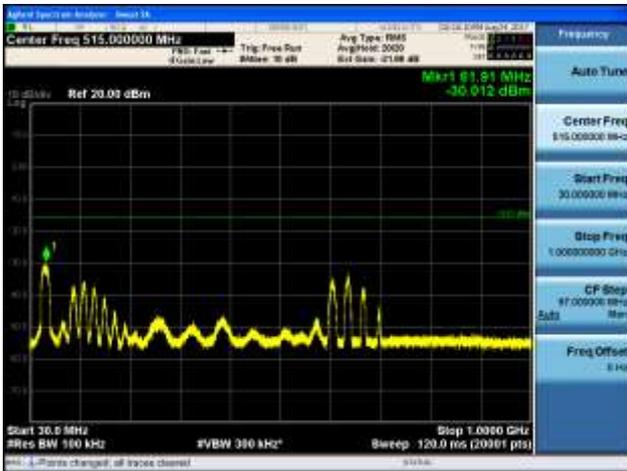
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

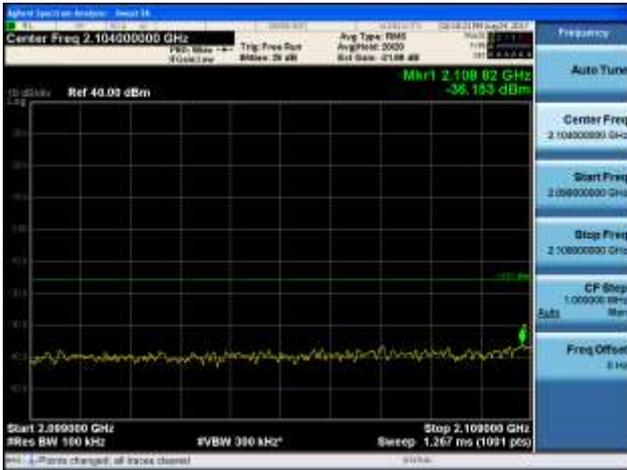




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2181 MHz - 2191 MHz



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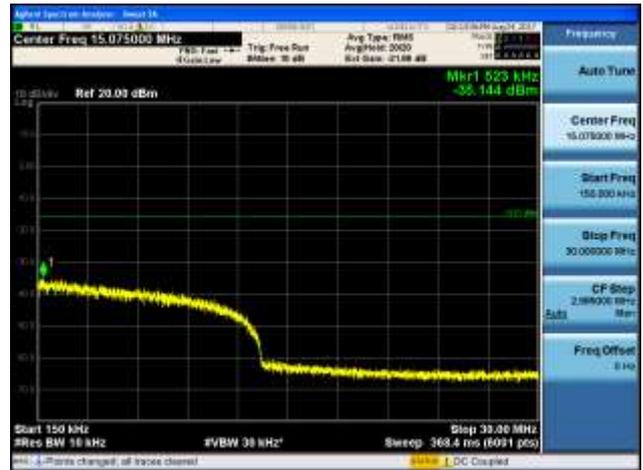
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[256QAM]

9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





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**Band 66, BW 15MHz + BW 5MHz, Multi carrier(Non-Contiguous), 4TX**  
 [QPSK]

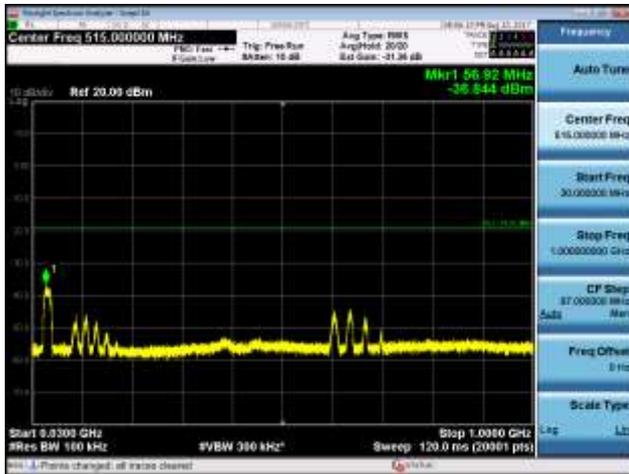
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz





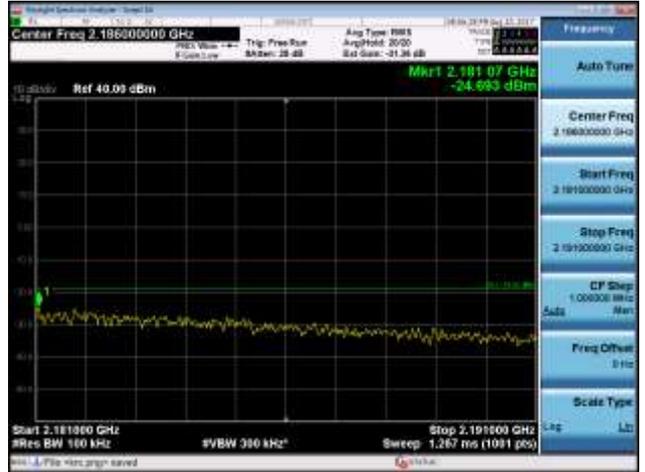
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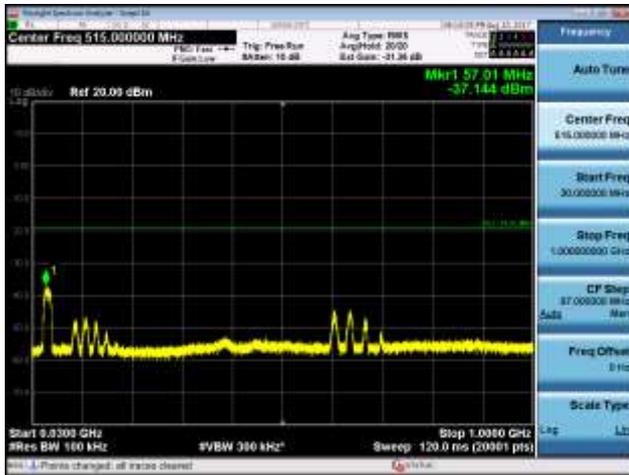
9 kHz - 150 kHz



150 kHz - 30 MHz



30 MHz - 1000 MHz



1000 MHz - 2099 MHz

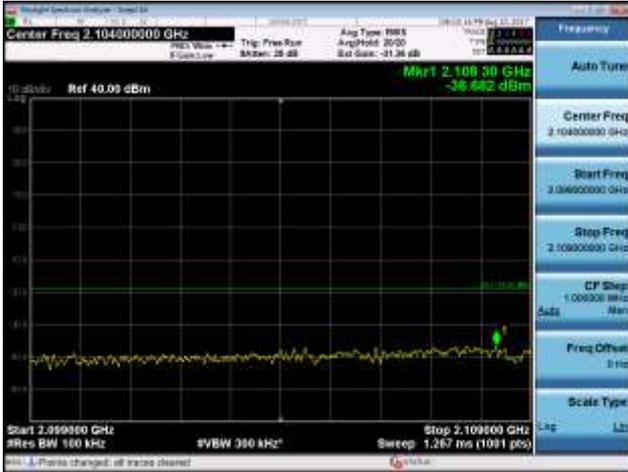




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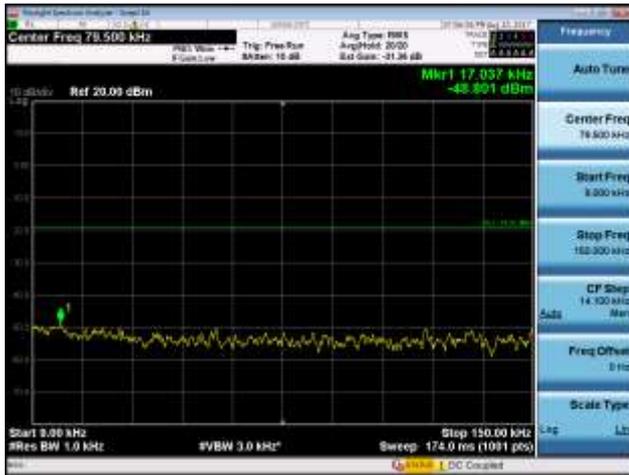


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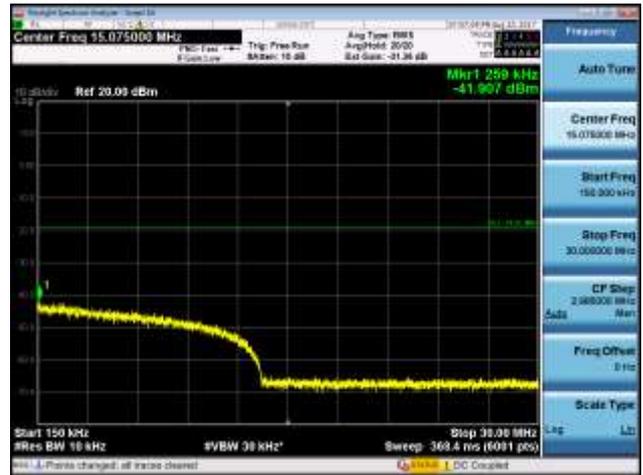
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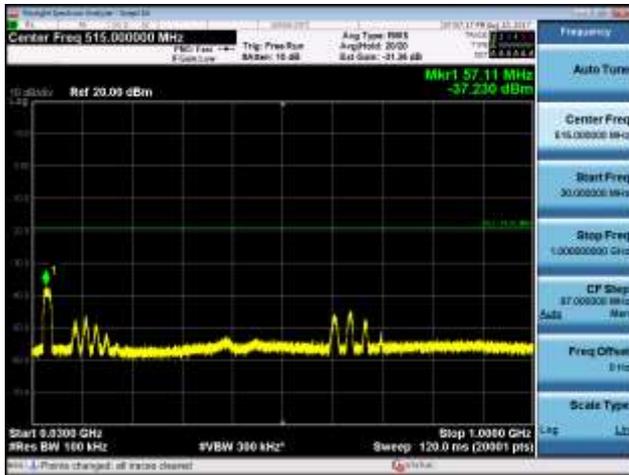
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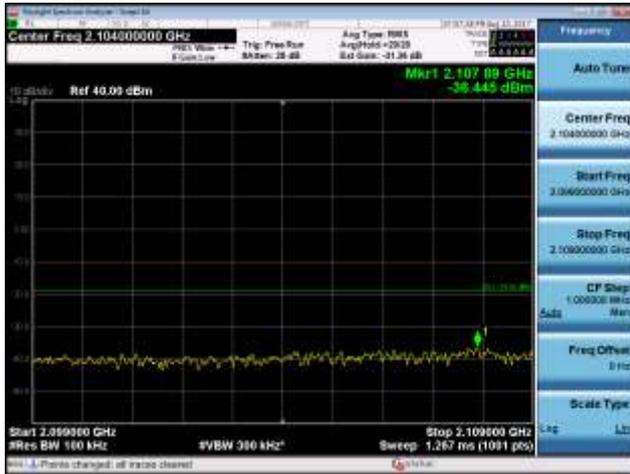




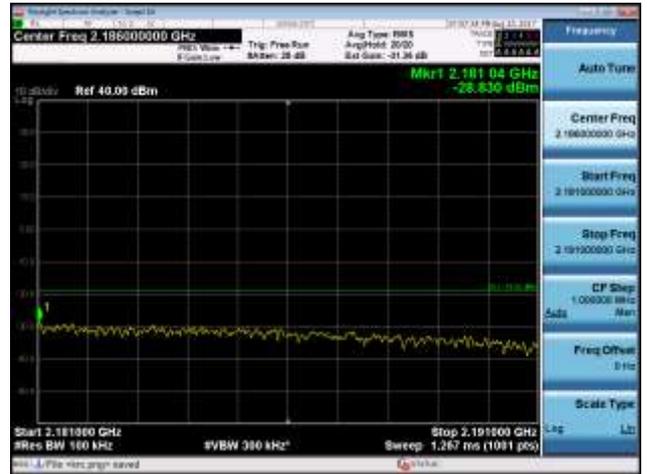
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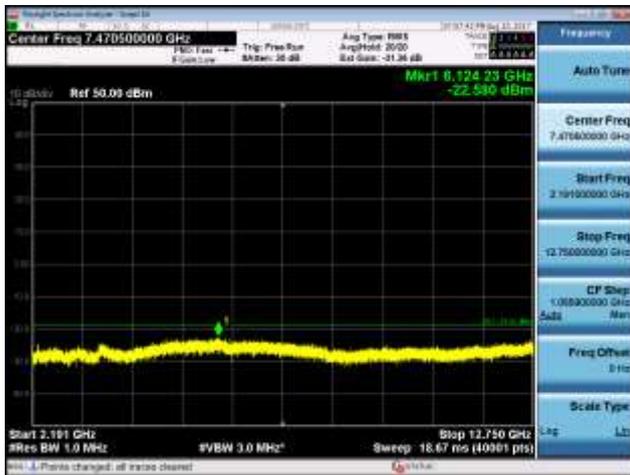
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