

# KCTL Inc.

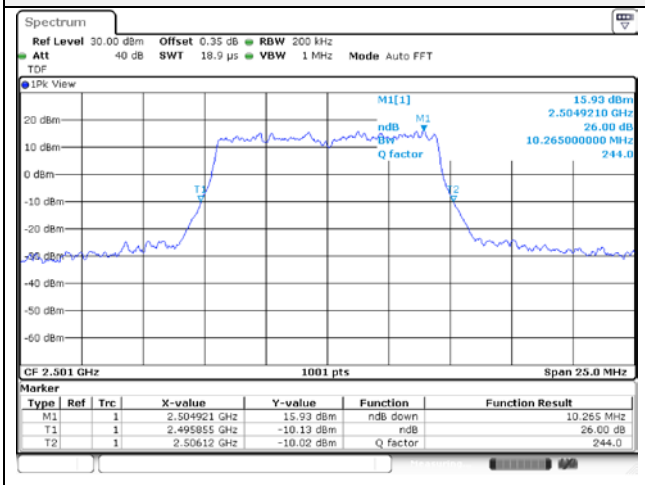
65, Sinwon-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do, 16677, Korea  
TEL: 82-31-285-0894 FAX: 82-505-299-8311  
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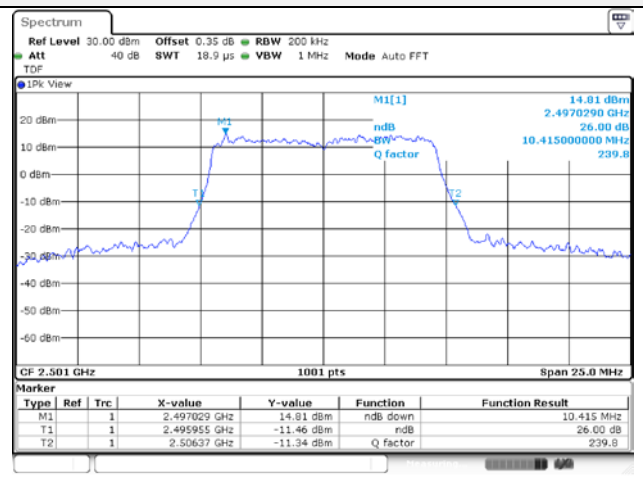


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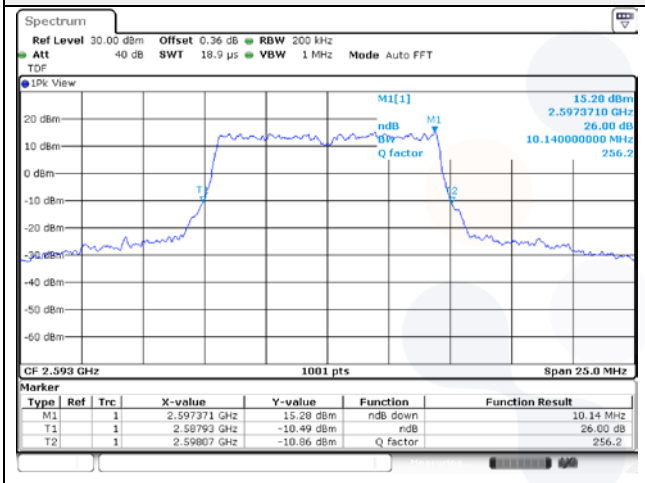
## 10M BW QPSK Low ch.



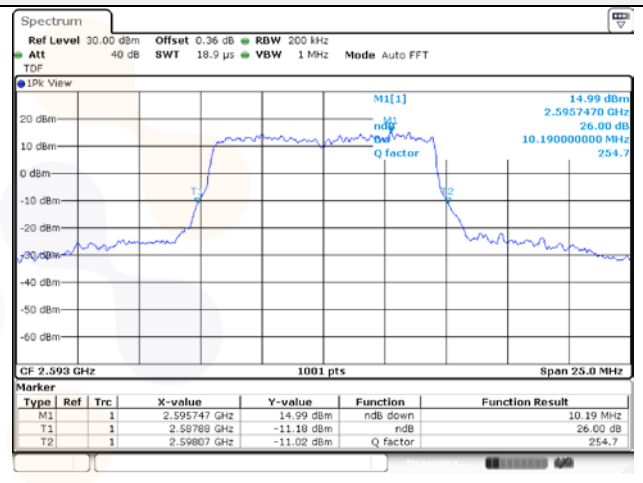
## 10M BW 16QAM Low ch.



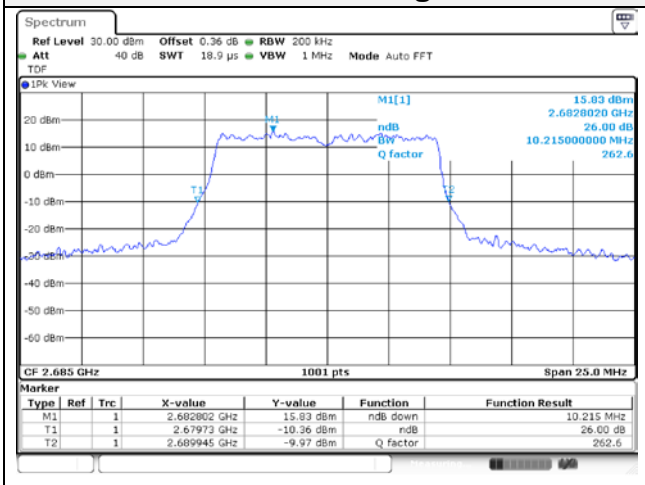
## 10M BW QPSK Mid ch.



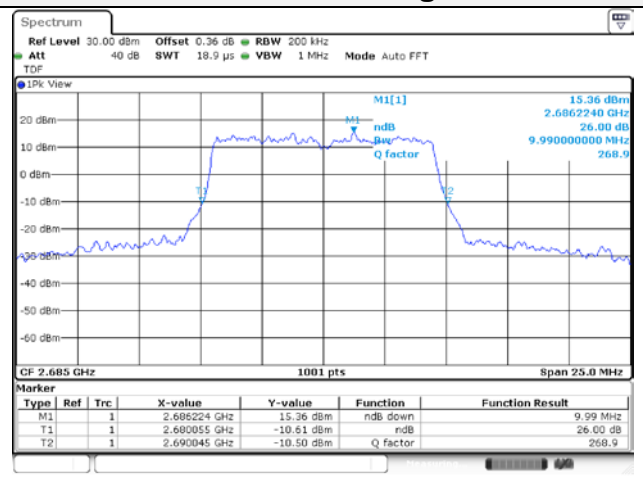
## 10M BW 16QAM Mid ch.



## 10M BW QPSK High ch.



## 10M BW 16QAM High ch.



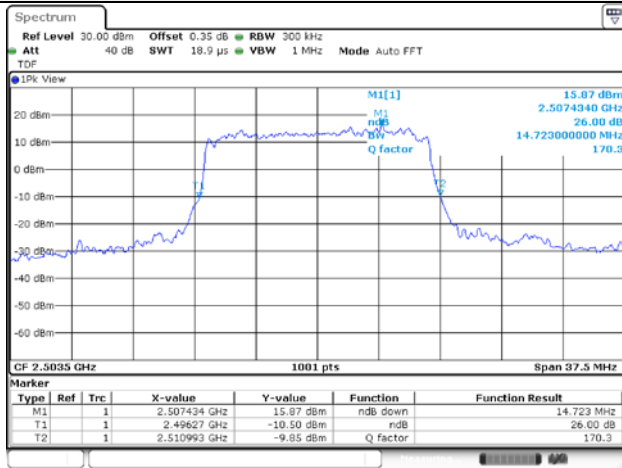
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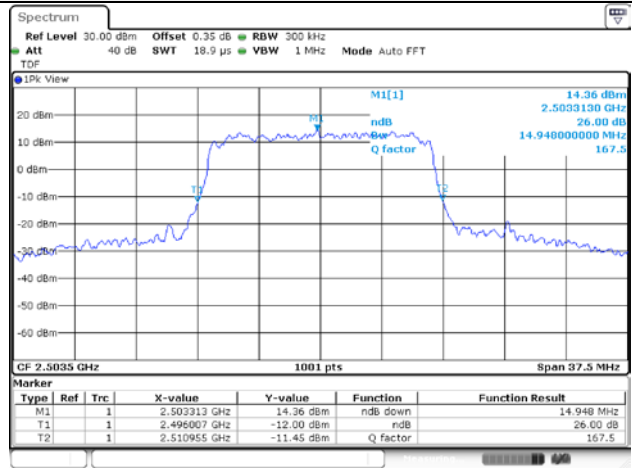
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## 15M BW QPSK Low ch.



## 15M BW 16QAM Low ch.



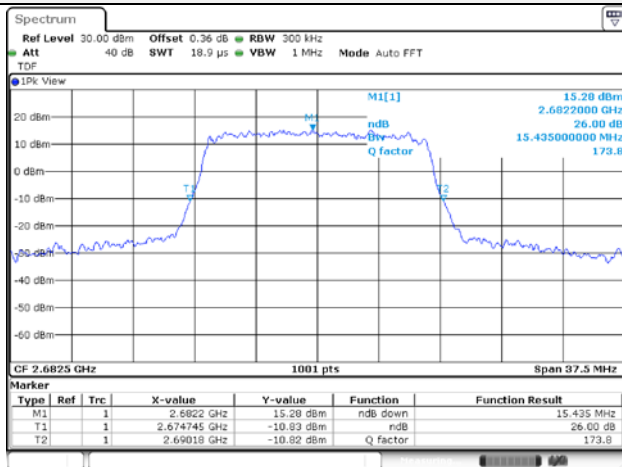
## 15M BW QPSK Mid ch.



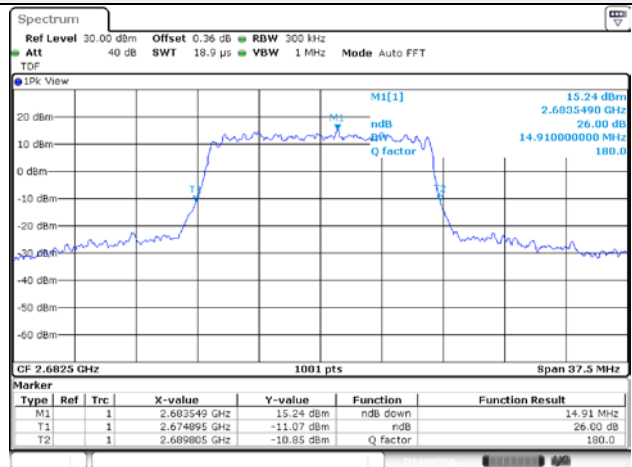
## 15M BW 16QAM Mid ch.



## 15M BW QPSK High ch.



## 15M BW 16QAM High ch.



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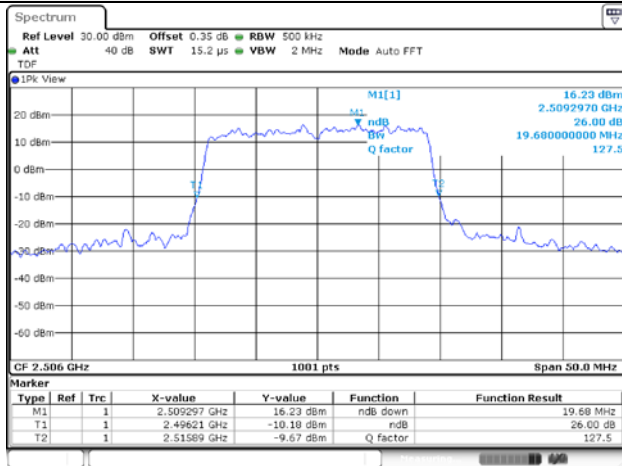
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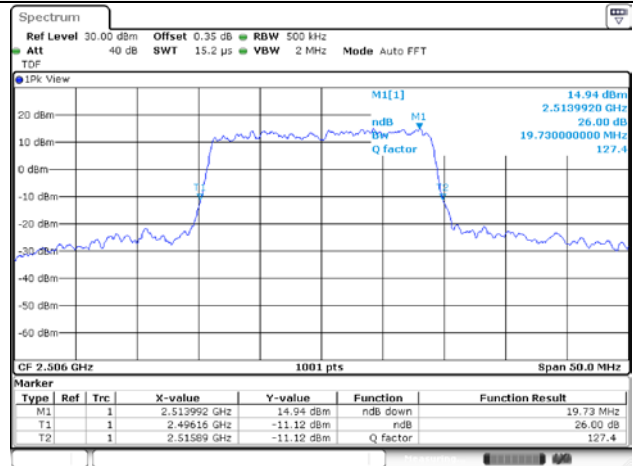


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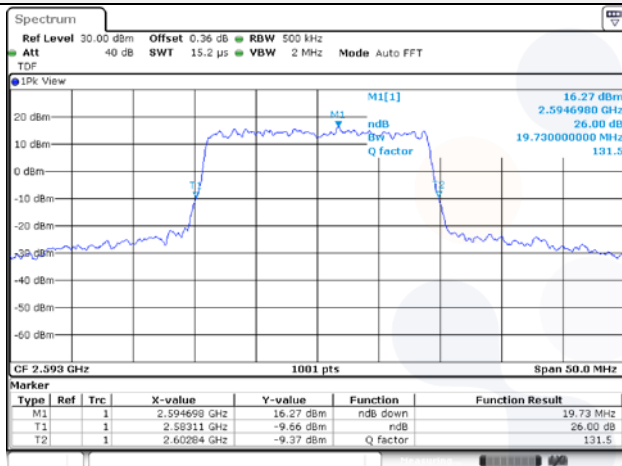
## 20M BW QPSK Low ch.



## 20M BW 16QAM Low ch.



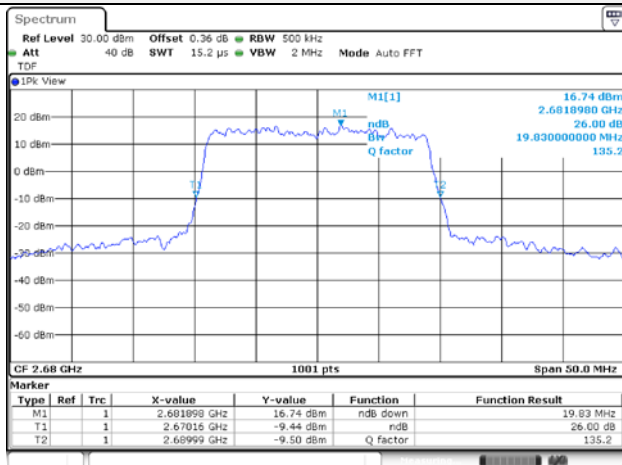
## 20M BW QPSK Mid ch.



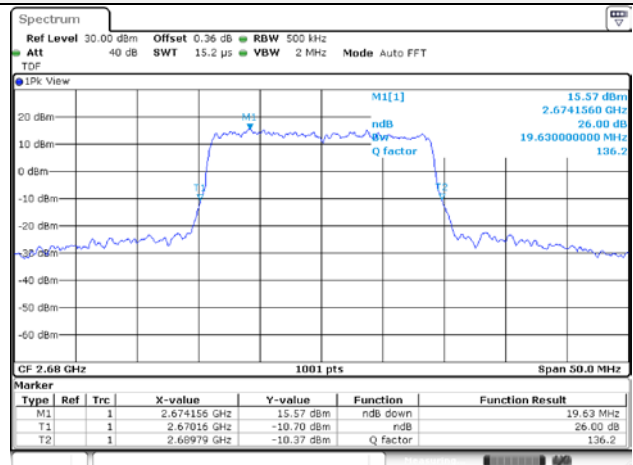
## 20M BW 16QAM Mid ch.



## 20M BW QPSK High ch.



## 20M BW 16QAM High ch.



# KCTL Inc.

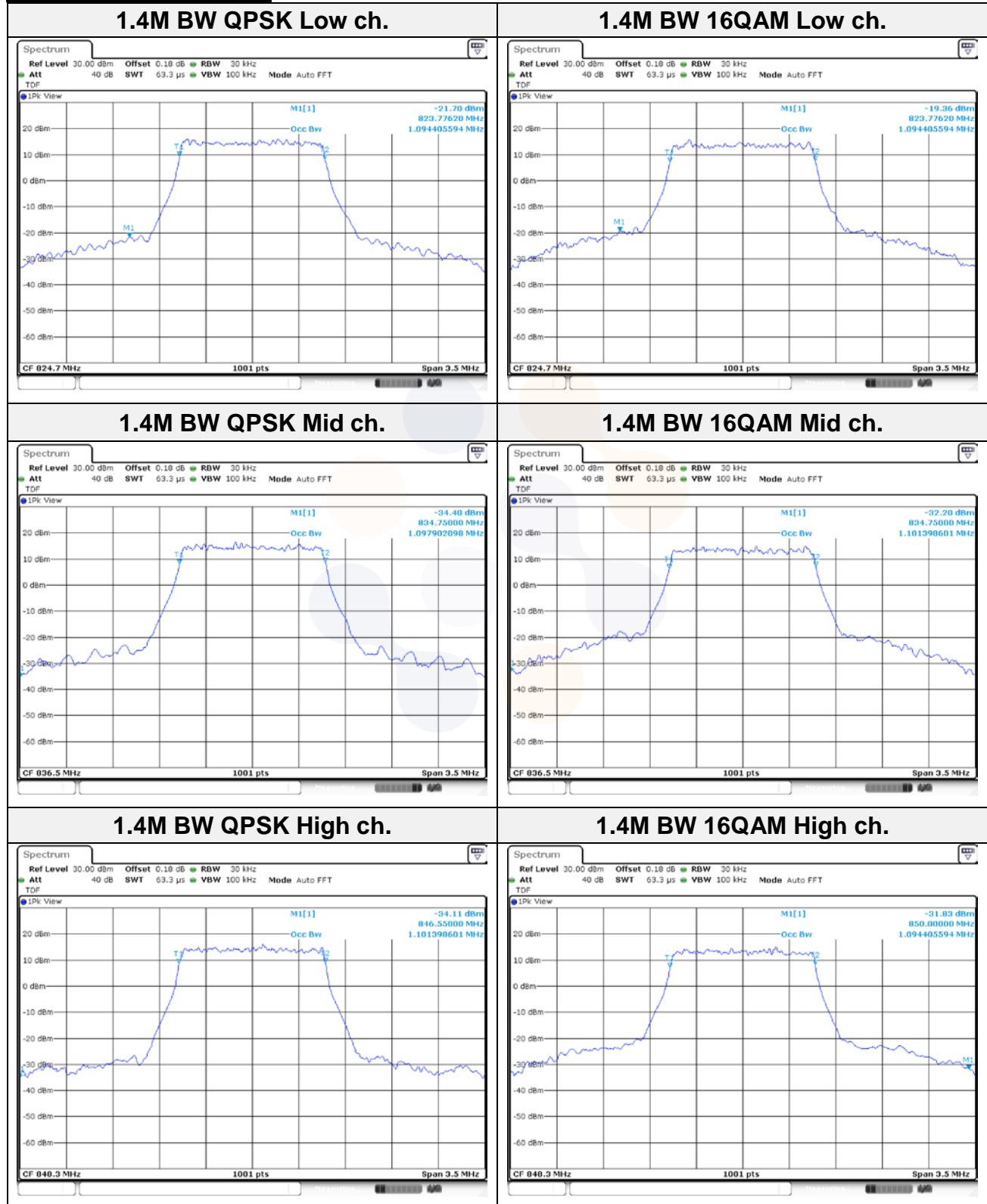
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## 99% Occupied Bandwidth

### Test mode: LTE Band 5



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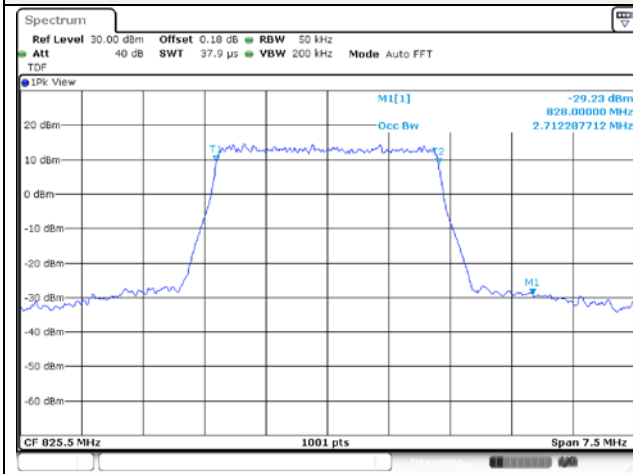
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Suwon-si, Gyeonggi-do, 16677, Korea  
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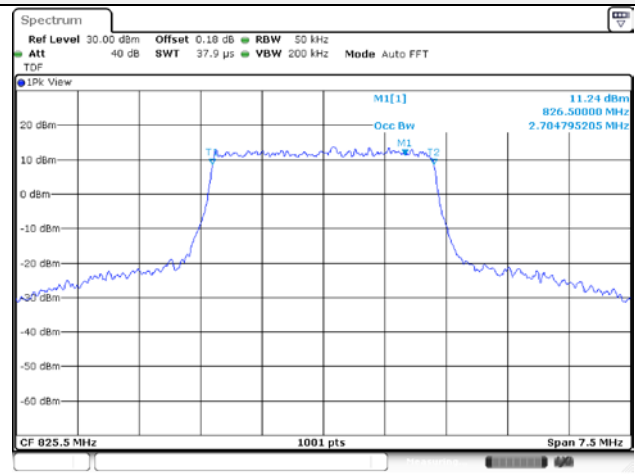


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## 3M BW QPSK Low ch.



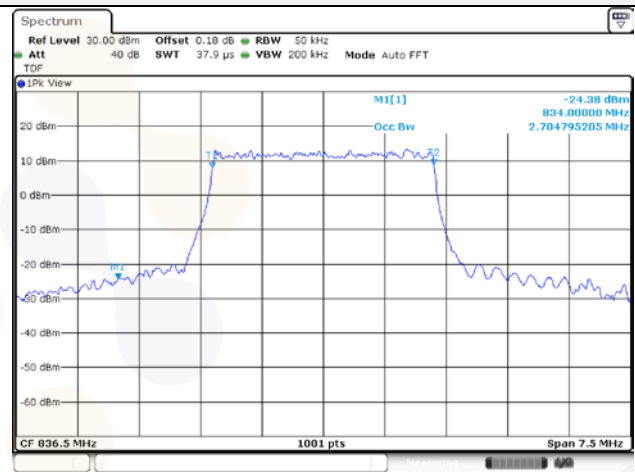
## 3M BW 16QAM Low ch.



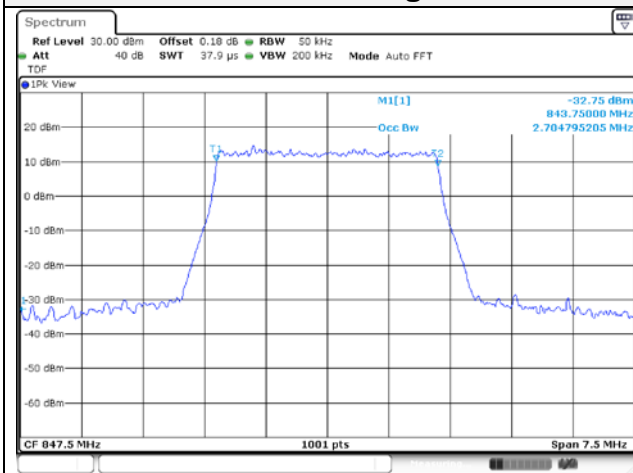
## 3M BW QPSK Mid ch.



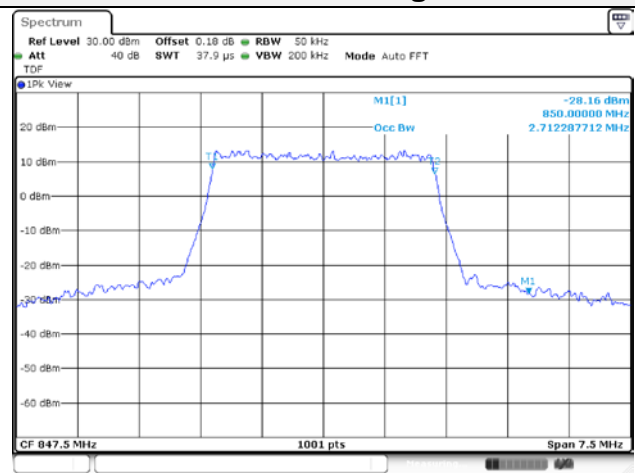
## 3M BW 16QAM Mid ch.



## 3M BW QPSK High ch.



## 3M BW 16QAM High ch.



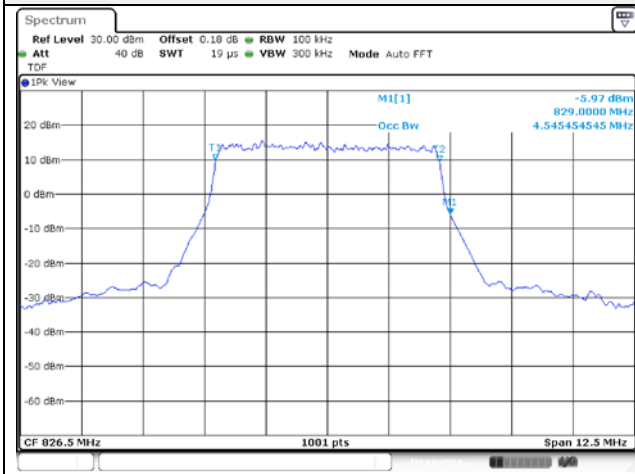
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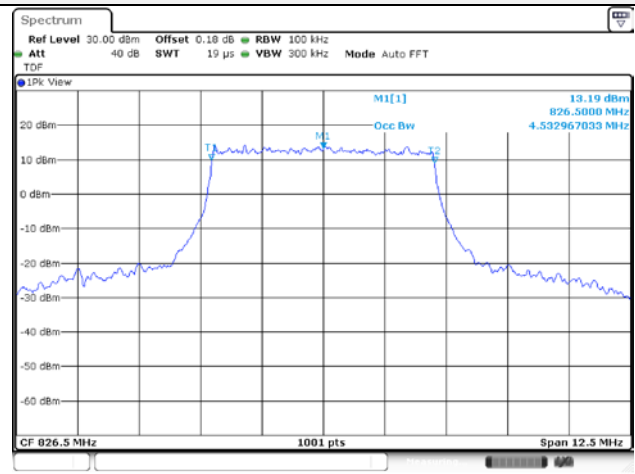
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## 5M BW QPSK Low ch.



## 5M BW 16QAM Low ch.



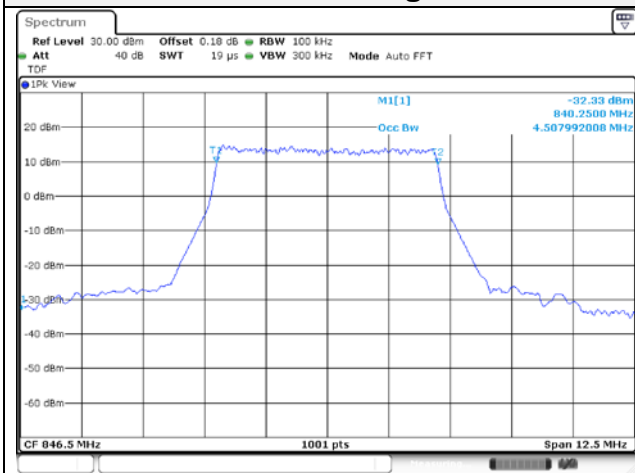
## 5M BW QPSK Mid ch.



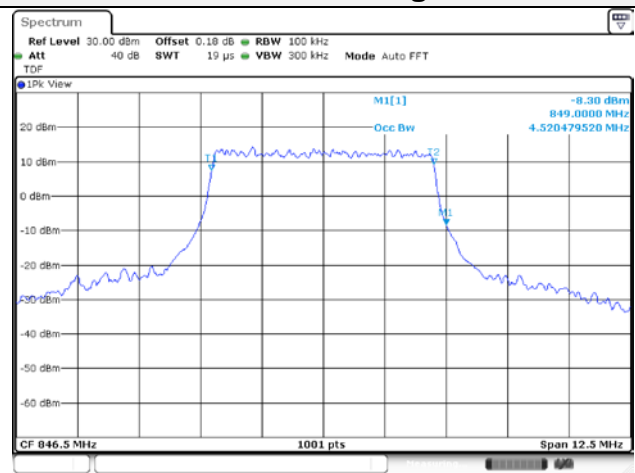
## 5M BW 16QAM Mid ch.



## 5M BW QPSK High ch.



## 5M BW 16QAM High ch.



# KCTL Inc.

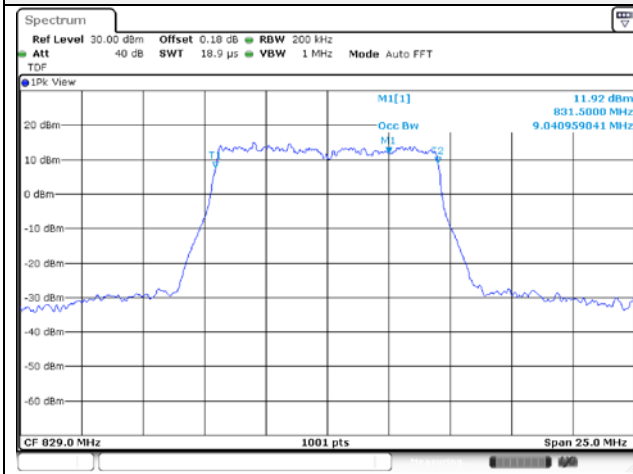
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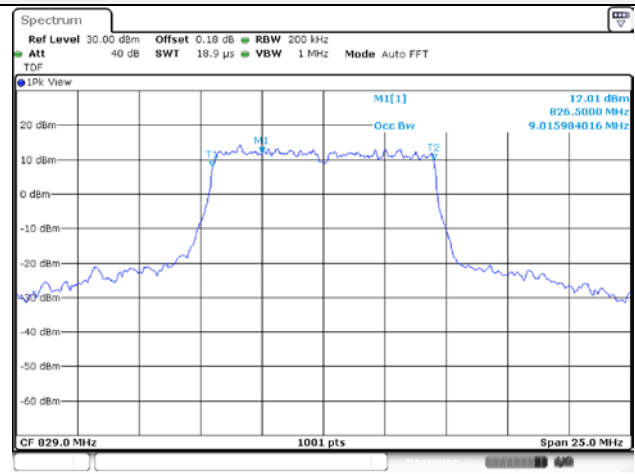


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## 10M BW QPSK Low ch.



## 10M BW 16QAM Low ch.



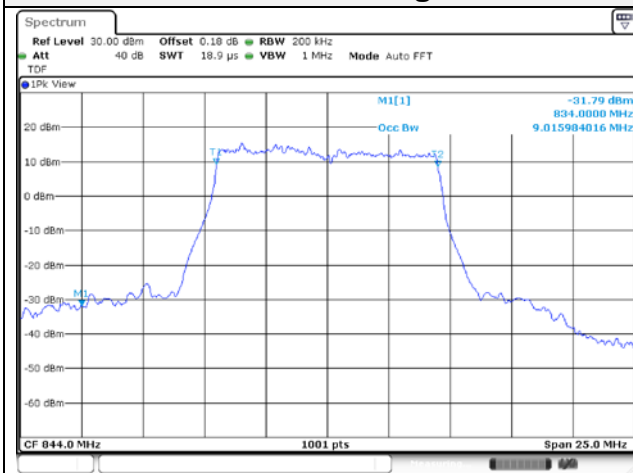
## 10M BW QPSK Mid ch.



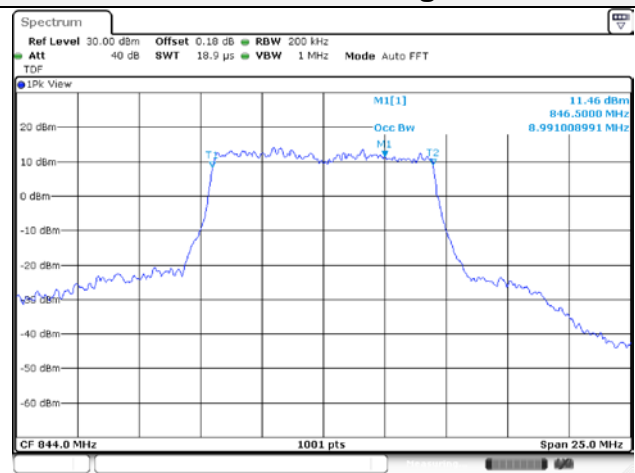
## 10M BW 16QAM Mid ch.



## 10M BW QPSK High ch.

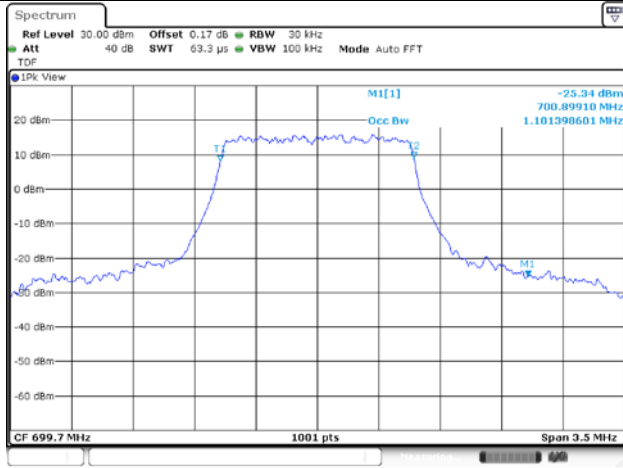


## 10M BW 16QAM High ch.

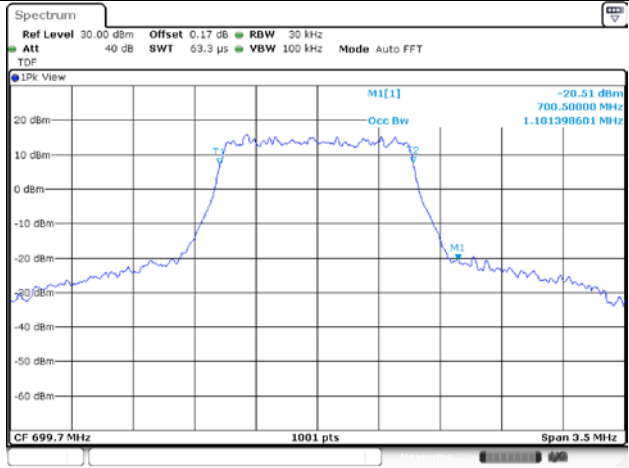


## Test mode: LTE Band 12

### 1.4M BW QPSK Low ch.



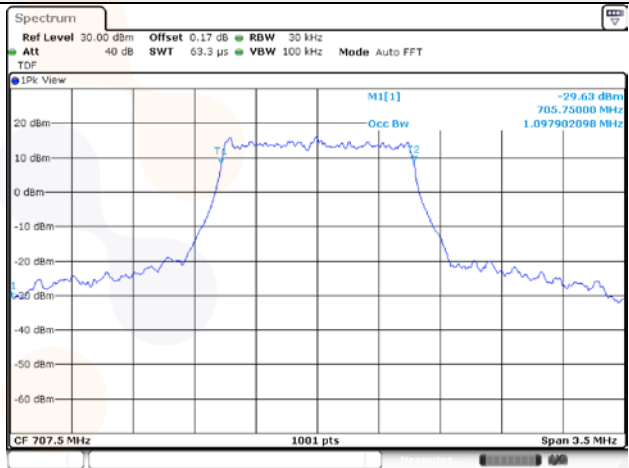
### 1.4M BW 16QAM Low ch.



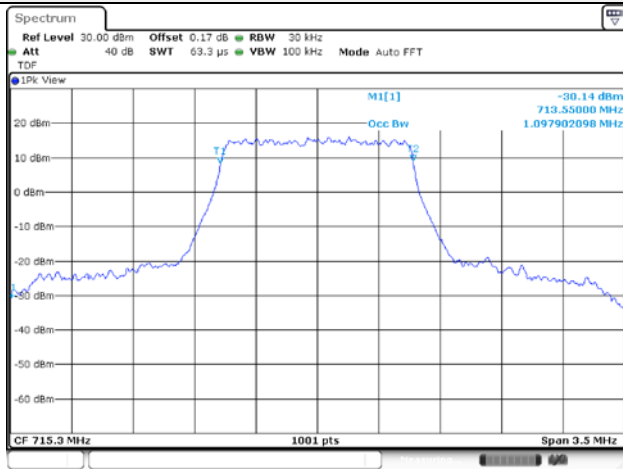
### 1.4M BW QPSK Mid ch.



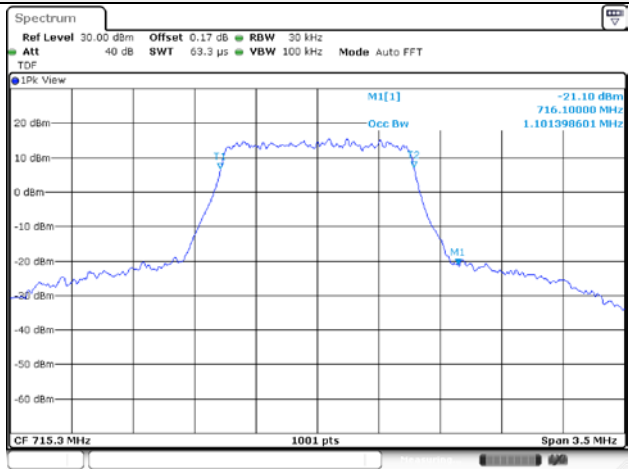
### 1.4M BW 16QAM Mid ch.



### 1.4M BW QPSK High ch.



### 1.4M BW 16QAM High ch.





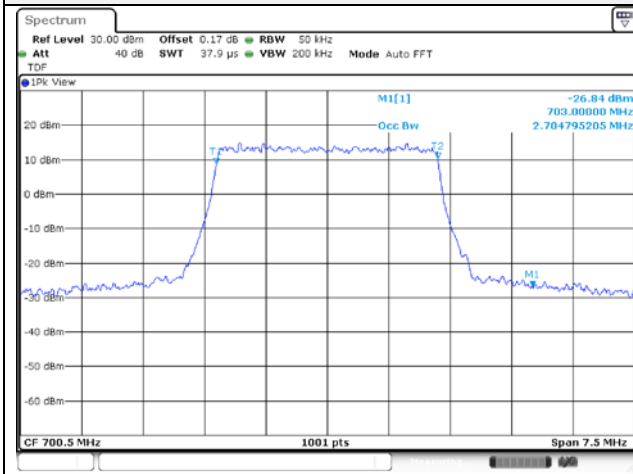
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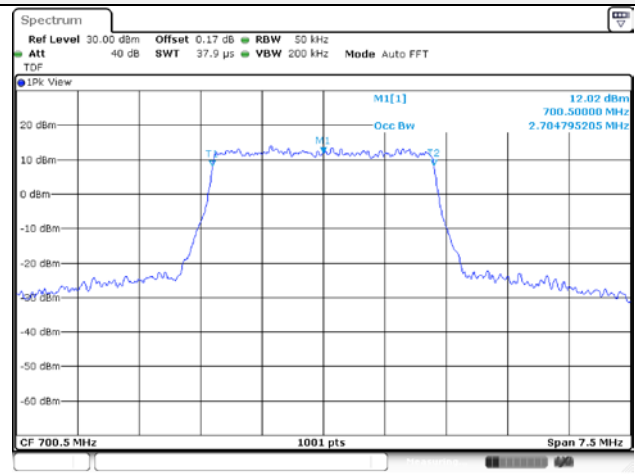
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## 3M BW QPSK Low ch.



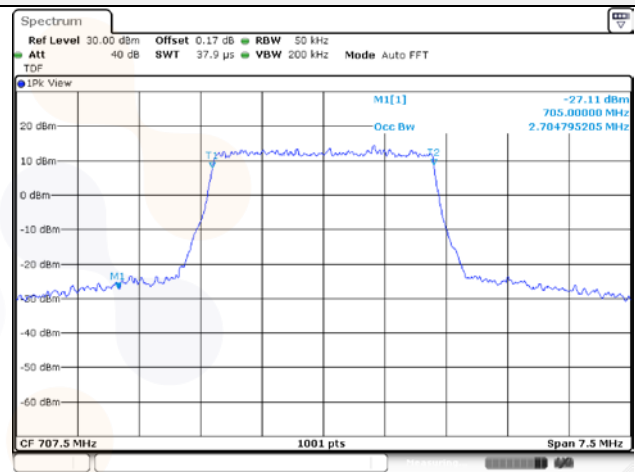
## 3M BW 16QAM Low ch.



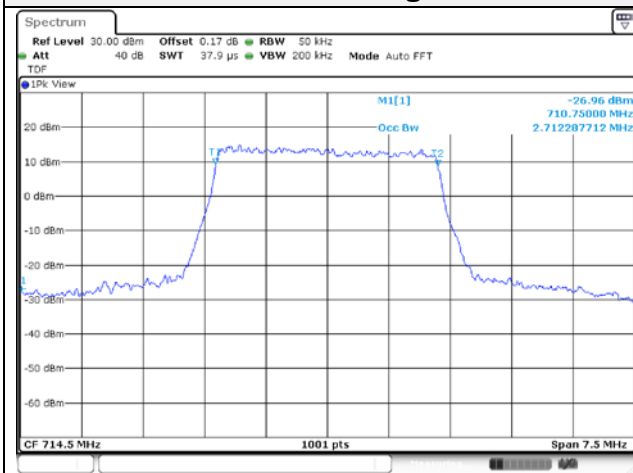
## 3M BW QPSK Mid ch.



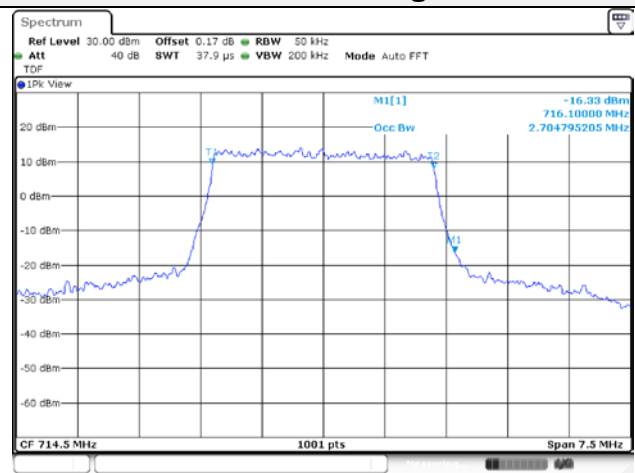
## 3M BW 16QAM Mid ch.



## 3M BW QPSK High ch.



## 3M BW 16QAM High ch.



# KCTL Inc.

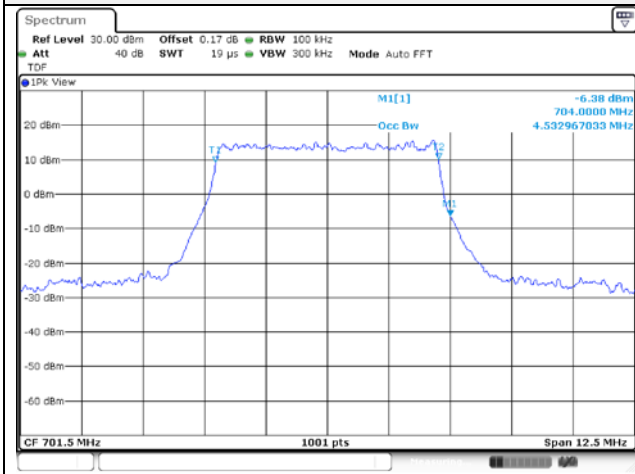
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Suwon-si, Gyeonggi-do, 16677, Korea  
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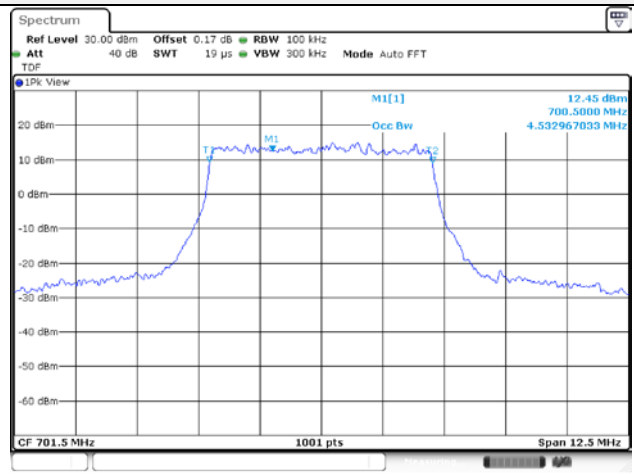


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## 5M BW QPSK Low ch.



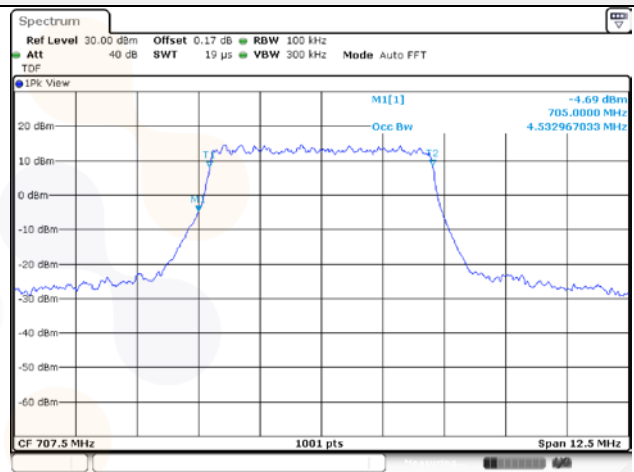
## 5M BW 16QAM Low ch.



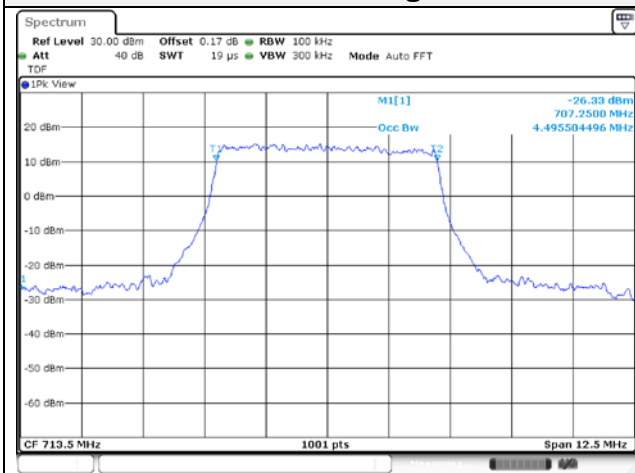
## 5M BW QPSK Mid ch.



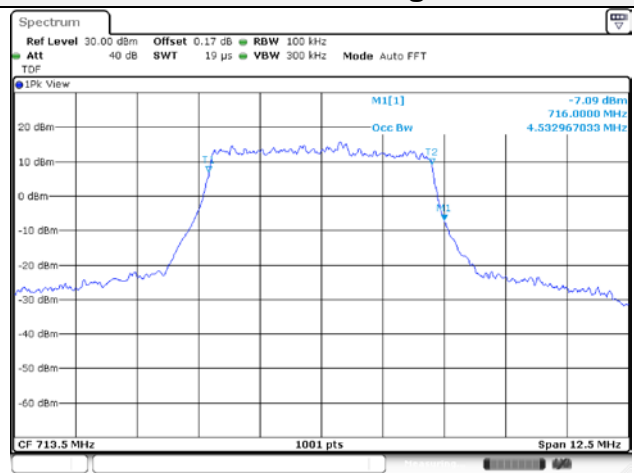
## 5M BW 16QAM Mid ch.



## 5M BW QPSK High ch.



## 5M BW 16QAM High ch.



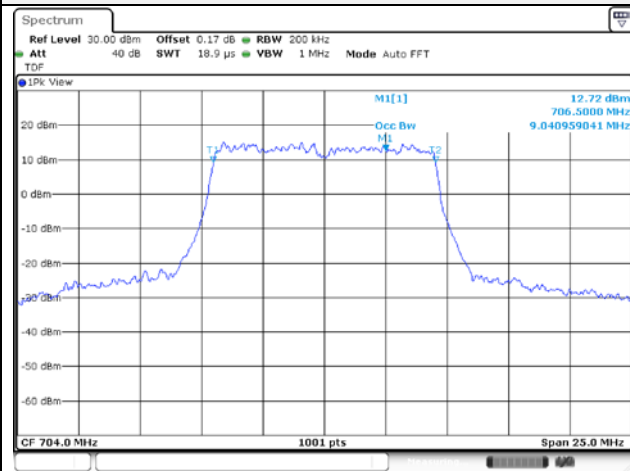
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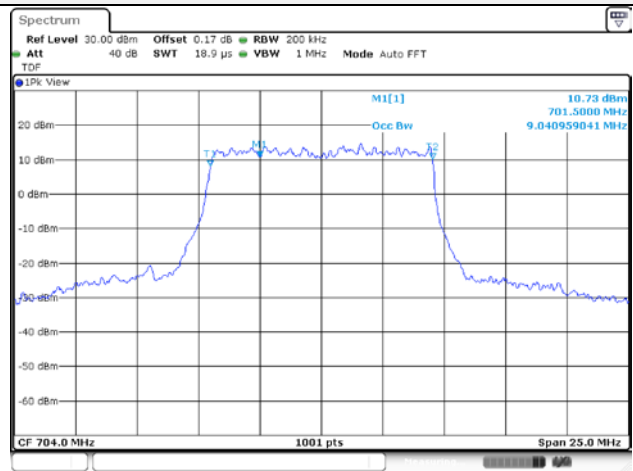
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## 10M BW QPSK Low ch.



## 10M BW 16QAM Low ch.



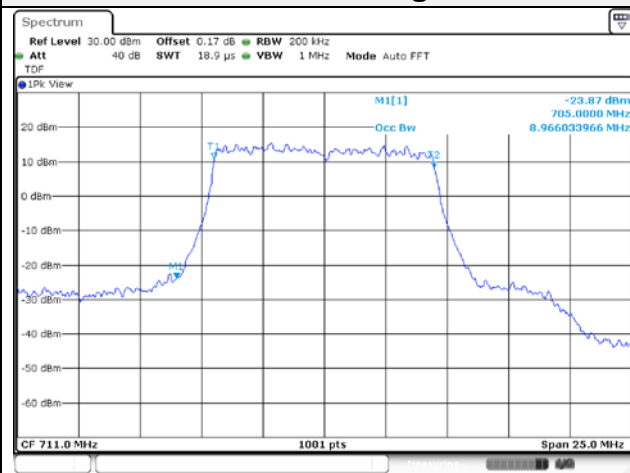
## 10M BW QPSK Mid ch.



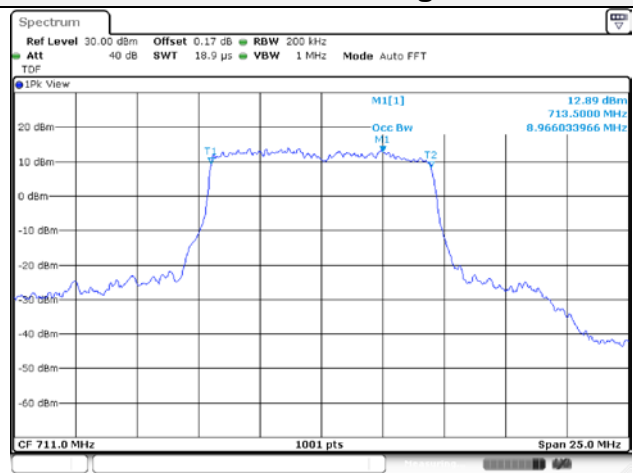
## 10M BW 16QAM Mid ch.



## 10M BW QPSK High ch.



## 10M BW 16QAM High ch.



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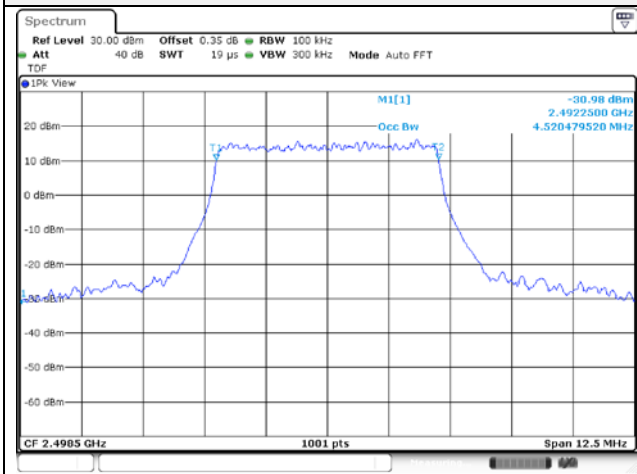
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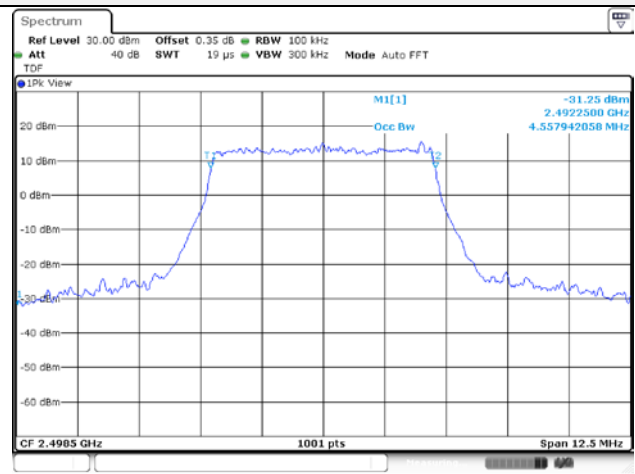
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## Test mode: LTE Band 41

### 5M BW QPSK Low ch.



### 5M BW 16QAM Low ch.



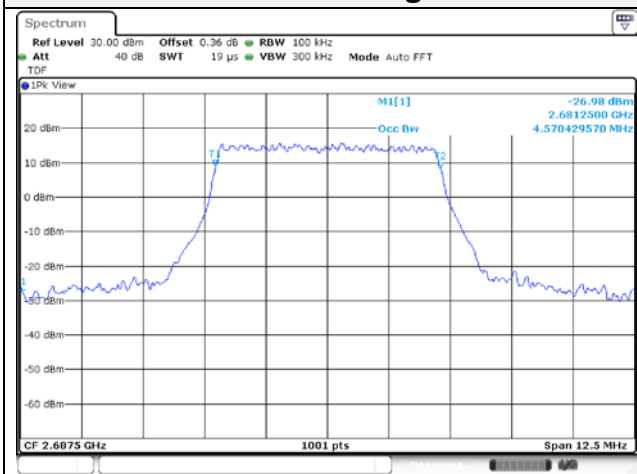
### 5M BW QPSK Mid ch.



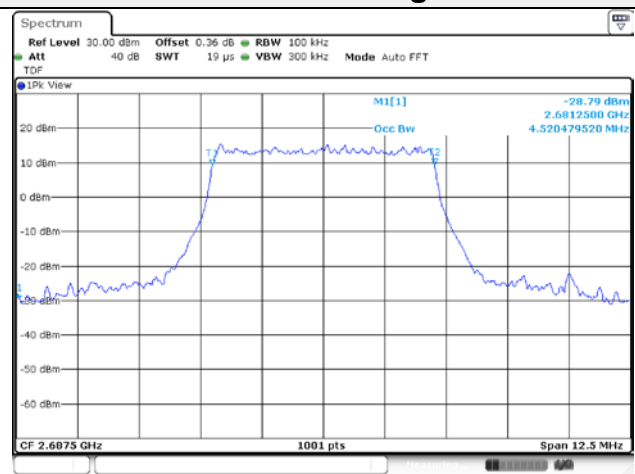
### 5M BW 16QAM Mid ch.



### 5M BW QPSK High ch.



### 5M BW 16QAM High ch.



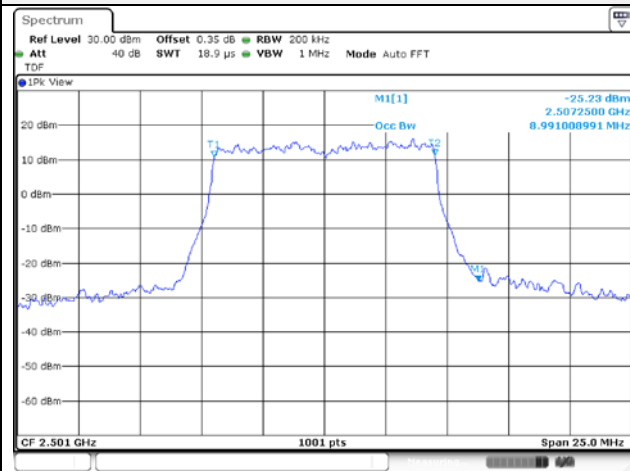
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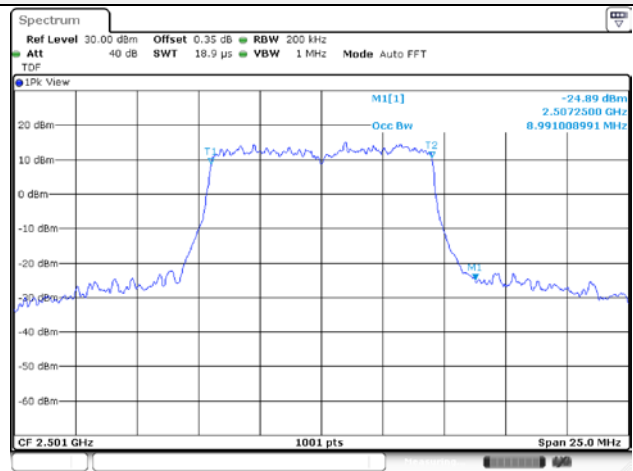
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## 10M BW QPSK Low ch.



## 10M BW 16QAM Low ch.



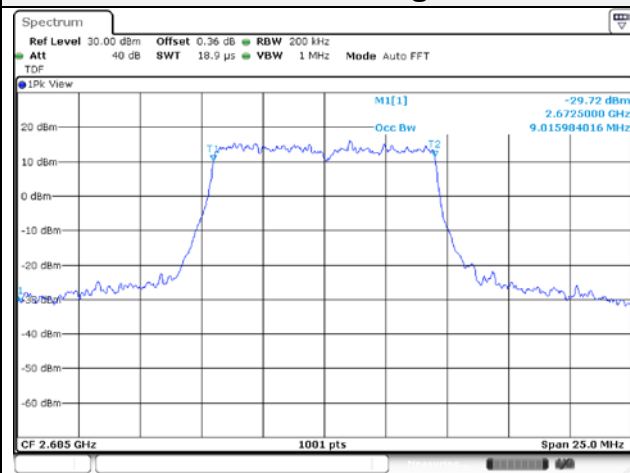
## 10M BW QPSK Mid ch.



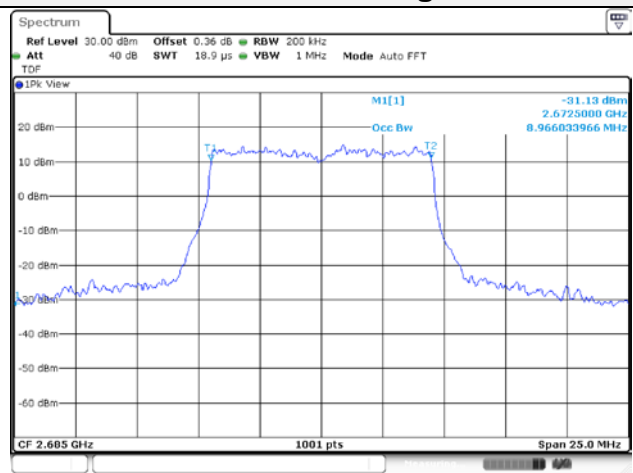
## 10M BW 16QAM Mid ch.



## 10M BW QPSK High ch.



## 10M BW 16QAM High ch.



# KCTL Inc.

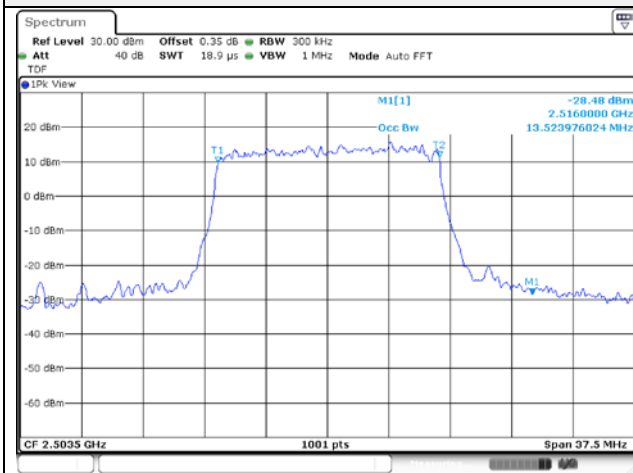
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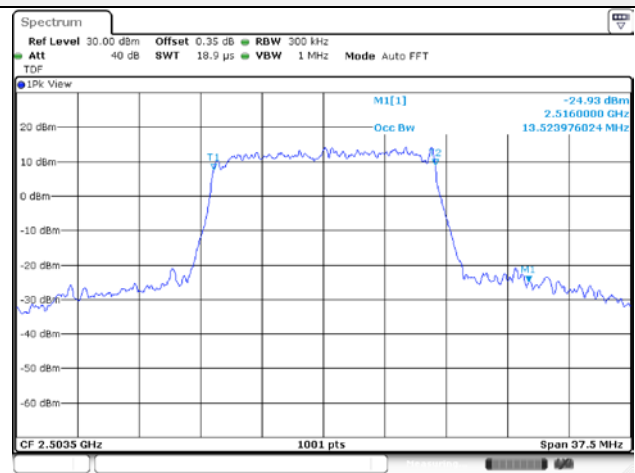


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## 15M BW QPSK Low ch.



## 15M BW 16QAM Low ch.



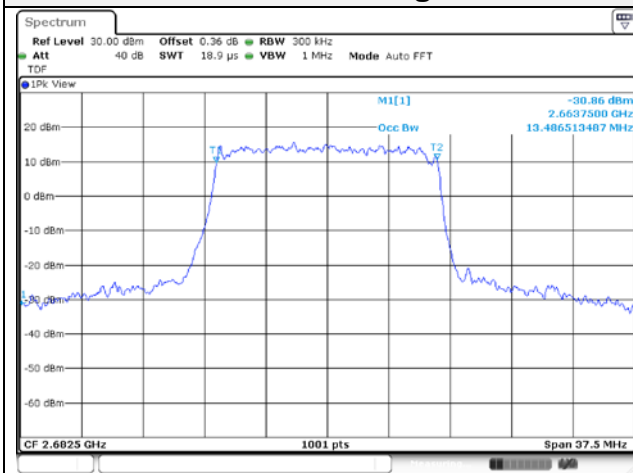
## 15M BW QPSK Mid ch.



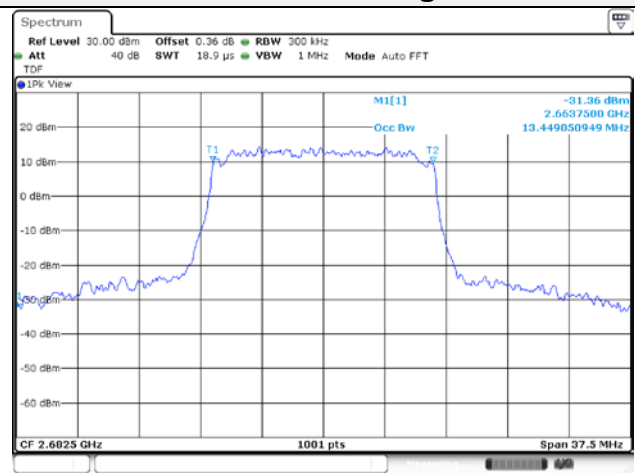
## 15M BW 16QAM Mid ch.



## 15M BW QPSK High ch.



## 15M BW 16QAM High ch.



# KCTL Inc.

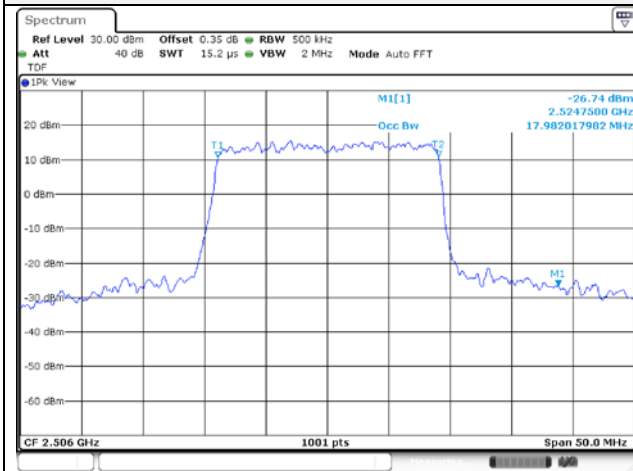
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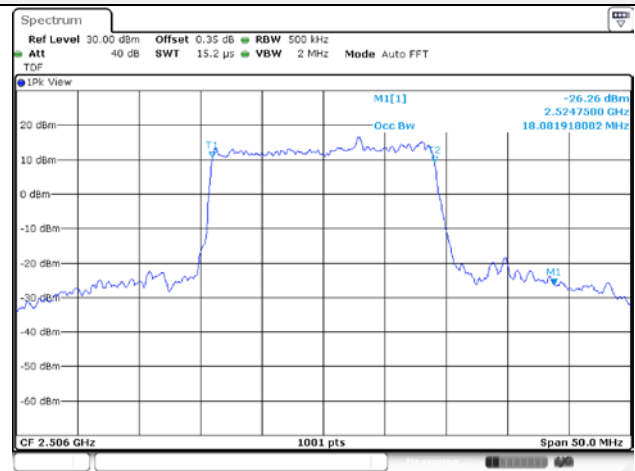


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## 20M BW QPSK Low ch.



## 20M BW 16QAM Low ch.



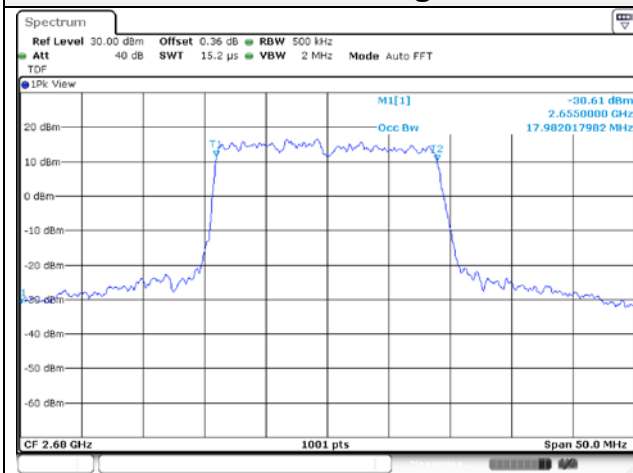
## 20M BW QPSK Mid ch.



## 20M BW 16QAM Mid ch.



## 20M BW QPSK High ch.



## 20M BW 16QAM High ch.

