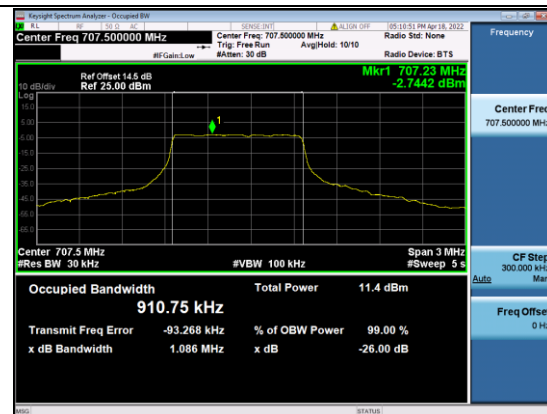
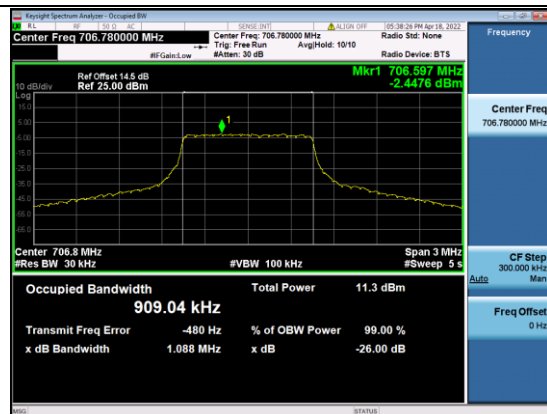


B12-1.4M-Mid CH-OBW-Q16



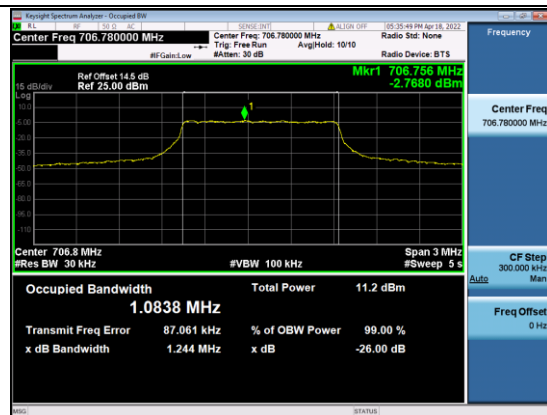
B12-3M-Mid CH-OBW-Q16



B12-1.4M-Mid CH-OBW-QPSK



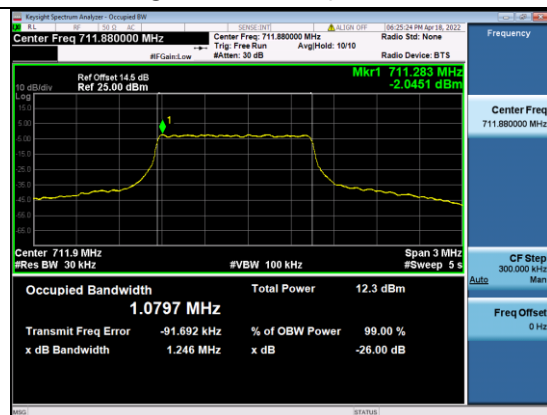
B12-3M-Mid CH-OBW-QPSK



B12-5M-High CH-OBW-Q16



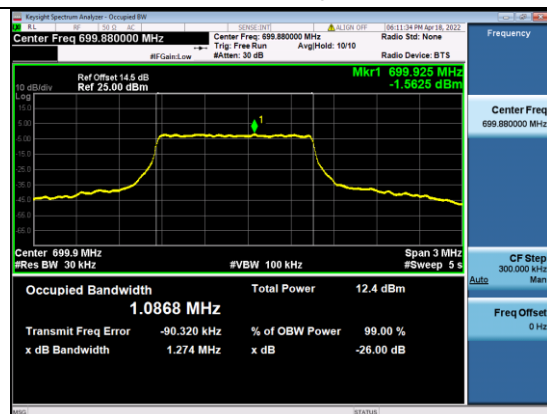
B12-5M-High CH-OBW-QPSK



B12-5M-Low CH-OBW-Q16



B12-5M-Low CH-OBW-QPSK



Center Freq 705.880000 MHz

Ref Offset 14.6 dB  
Ref 25.00 dBm

Mkr1 705.28 MHz  
-0.88003 dBm

Center 705.9 MHz  
#Res BW 30 kHz

#VBW 100 kHz

Span 3 MHz  
#Sweep 5

Occupied Bandwidth 912.65 kHz

Total Power 12.7 dBm

Transmit Freq Error -181.30 kHz  
% of OBW Power 99.00 %

x dB Bandwidth 1.106 MHz  
x dB -26.00 dB

Center Freq 705.880000 MHz  
 #F Gain: Low  
 Ref Offset 14.5 dB  
 Ref 25.00 dBm  
 Mkr1 705.925 MHz  
 -1.9850 dBm  
 Center 705.9 MHz  
 #Res BW 30 kHz  
 #VBW 100 kHz  
 Span 3 MHz  
 #Sweep 5 us

| Occupied Bandwidth  | Total Power | 12.5 dBm       |
|---------------------|-------------|----------------|
| 1.0868 MHz          |             |                |
| Transmit Freq Error | -90.926 kHz | % of OBW Power |
| x dB Bandwidth      | 1.276 MHz   | x dB           |
|                     |             | 99.00 %        |
|                     |             | -26.00 dB      |

Center Freq 707.040000 MHz  
 #Res BW 30 kHz  
 #VBW 100 kHz  
 #Sweep 5 s

Center Freq 707.040000 MHz  
 #Gain: Low  
 #Ref Offset 14.5 dB  
 Ref 25.00 dBm

Mkr1 707.451 MHz  
 -2.0085 dBm

Occupied Bandwidth: 1.0830 MHz  
 Total Power: 12.1 dBm

| Transmit Freq Error | 177.26 kHz | % of OBW Power | 99.00 %   |
|---------------------|------------|----------------|-----------|
| x dB Bandwidth      | 1.256 MHz  | x dB           | -26.00 dB |

Microsoft Spectrum Analyzer - Occupied BW  
 M 15.000000 Hz 1.000000 MHz 20.000000 MHz

Center Freq 707.040000 MHz    Center Freq: 707.040000 MHz    Radio Std: None  
 Trig: Free Run    Avg/Max: 10/10    Radio Device: BTS

#Gain: Low    Mkr1 707.454 MHz  
 -2.2620 dBm

Center Freq 707 MHz  
 #Res BW 30 kHz    #VBW 100 kHz    Span 3 MHz  
 #Sweep 5

| Occupied Bandwidth  | Total Power | 12.1 dBm               |
|---------------------|-------------|------------------------|
| 1.0832 MHz          |             |                        |
| Transmit Freq Error | 177.36 kHz  | % of OBW Power 99.00 % |
| x dB Bandwidth      | 1.259 MHz   | x dB -26.00 dB         |

Frequency  
 Center Freq  
 707.040000 MHz  
 CF Step  
 300.000 kHz  
 Mar  
 Freq Offset  
 0 Hz

Copyright Spectrum Analyzer - Occupied BW

RF Gain: 20.0 dB    SENS: 10V    ALIGN: OFF    10:05:37 AM Apr 15, 2022

**Center Freq 700.400000 MHz**    Center Freq: 700.400000 MHz    Radio Std: None  
 Trigger: Free Run    AvgHold: 1010    Radio Device: BTS

RF Gain: Low    **Mkr1 699.848 MHz -0.014795 dBm**

Center 700.4 MHz    Span 3 MHz  
 #Res BW 30 kHz    #VBW 100 kHz    #Sweep 5

**Occupied Bandwidth 910.07 kHz**    Total Power 13.6 dBm

| Transmit Freq Error | -271.44 kHz | % of OSBW Power | 99.00 %   |
|---------------------|-------------|-----------------|-----------|
| x dB Bandwidth      | 1.111 MHz   | x dB            | -26.00 dB |

Frequency

Center Freq  
700.400000 MHz

CF Step  
300.000 kHz

Auto

Freq Offset  
0 Hz

STATUS

Viewlog Spectrum Analyzer - Occupied BW  
 M1 10.000000 1.000000 20.000000

Center Freq: 700.400000 MHz  
 Span: 3 MHz  
 Res BW: 30 kHz  
 #F: Gain: Low  
 #VBW: 100 kHz  
 #Sweep: 5

Center Freq: 700.400000 MHz  
 Trig: Free Run  
 Att: 35 dB  
 Radio Std: None  
 Radio Device: BTS

Frequency

Center Freq: 700.400000 MHz

CF Step: 300.000 kHz

Auto

Mar

Freq Offset: 0 kHz

Occupied Bandwidth: 1.0830 MHz  
 Total Power: 12.5 dBm

Transmit Freq Error: -182.70 kHz  
 % of OBW Power: 99.00 %  
 x dB Bandwidth: 1.255 MHz  
 x dB: -26.00 dB

Mkr1 700.451 MHz  
 -1.6178 dBm

10 dB/div  
 Ref Offset 14.5 dB  
 Ref 25.00 dBm

Log

0.00  
 10.00  
 20.00  
 30.00  
 40.00  
 50.00  
 60.00

Center 700.4 MHz  
 #Res BW 30 kHz  
 #VBW 100 kHz  
 Span 3 MHz  
 #Sweep 5

Occupied Bandwidth  
 Total Power  
 12.5 dBm

Transmit Freq Error  
 -182.70 kHz  
 % of OBW Power  
 99.00 %  
 x dB Bandwidth  
 1.255 MHz  
 x dB  
 -26.00 dB

Mkr1 700.451 MHz  
 -1.6178 dBm

Frequency

Center Freq  
 700.400000 MHz

CF Step  
 300.000 kHz

Auto

Mar

Freq Offset  
 0 kHz

10.000000 1.000000 20.000000

Center Freq 703.580000 MHz

Center Freq: 703.580000 MHz

Span 3 MHz

Ref Offset 14.5 dB

Ref 25.00 dBm

Mkr1 703.397 MHz

0.24487 dBm

Occupied Bandwidth 914.58 kHz

Total Power 13.6 dBm

Transmit Freq Error 47.466 kHz

% of OSW Power 99.00 %

x dB Bandwidth 1.147 MHz

x dB -26.00 dB

Keysight Spectrum Analyzer - Occupied BW  
 M1 10.000 MHz 10.000 dBm

Center Freq 703.580000 MHz      Center Freq: 703.580000 MHz      Span 3rd: None  
 Trig: Free Run      AvgMode: 10/10      Radio Device: BTS

#F Gain: Low      #Mkr1 703.463 MHz  
 -1.8699 dBm

10 dB/div      Ref Offset 14.5 dB  
 Log      Ref 25.00 dBm

Center 703.6 MHz      Span 3 MHz  
 #Res BW 30 kHz      #VBW 100 kHz      #Sweep 5

| Occupied Bandwidth | Total Power | 12.2 dBm |
|--------------------|-------------|----------|
| 1.0853 MHz         |             |          |

| Transmit Freq Error | 139.94 kHz | % of OBW Power | 99.00 %   |
|---------------------|------------|----------------|-----------|
| x dB Bandwidth      | 1.256 MHz  | x dB           | -26.00 dB |

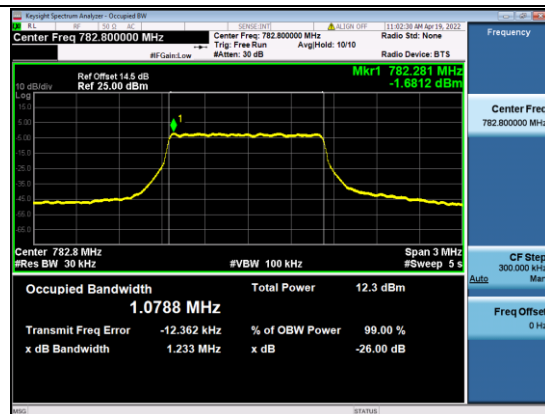
Frequency  
 Center Freq  
 703.580000 MHz  
 CF Step  
 300.000 kHz  
 Mar  
 Freq Offset  
 0 kHz

M1  
 status

B13-5M-High CH-OBW-Q16



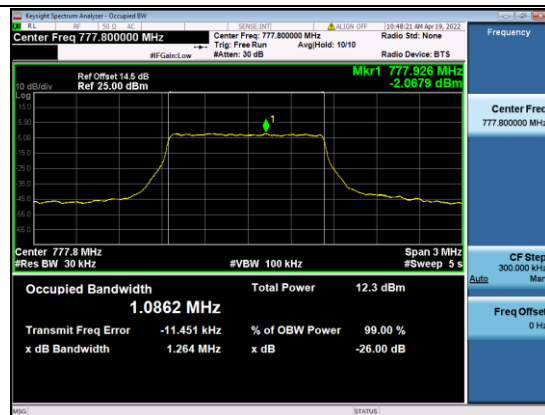
B13-5M-High CH-OBW-QPSK



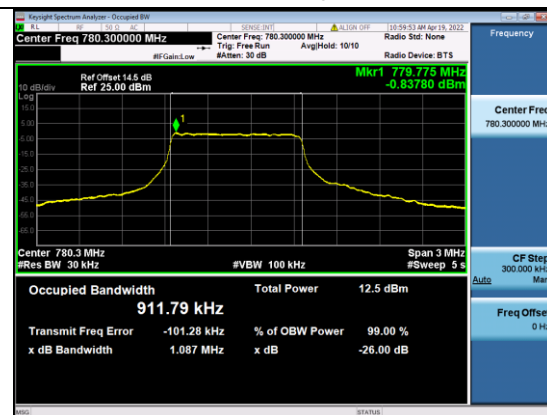
B13-5M-Low CH-OBW-Q16



B13-5M-Low CH-OBW-QPSK



B13-5M-Mid CH-OBW-Q16



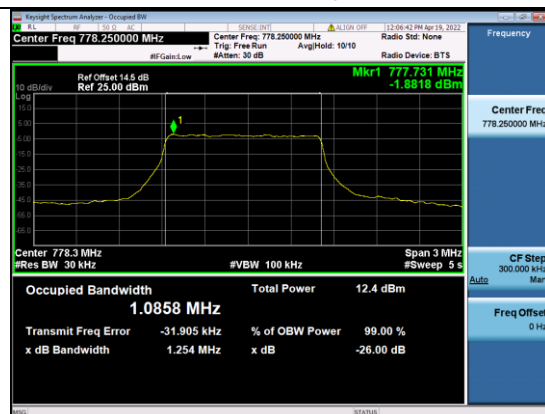
B13-5M-Mid CH-OBW-QPSK



B13-10M-Mid CH-OBW-Q16



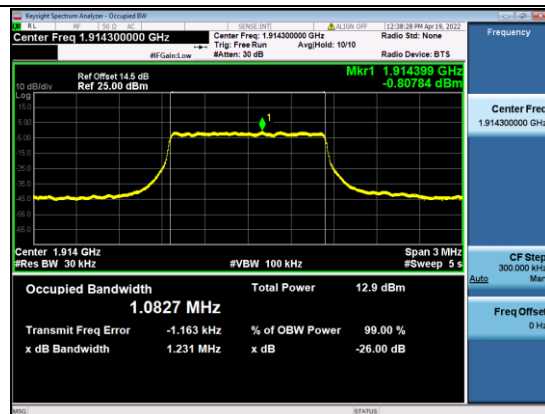
B13-10M-Mid CH-OBW-QPSK



B25-1.4M-High CH-OBW-Q16



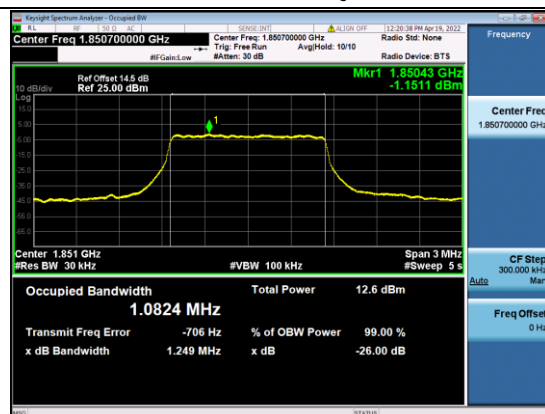
B25-1.4M-High CH-OBW-QPSK



B25-1.4M-Low CH-OBW-Q16



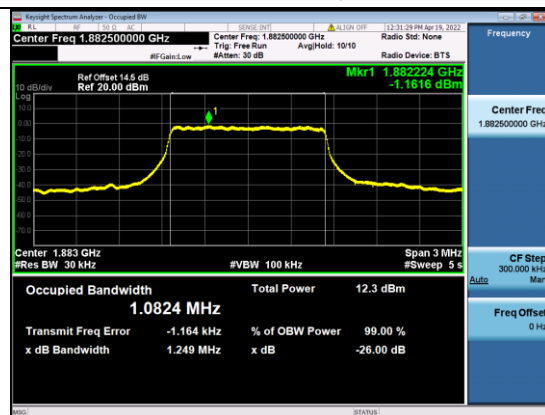
B25-1.4M-Low CH-OBW-QPSK



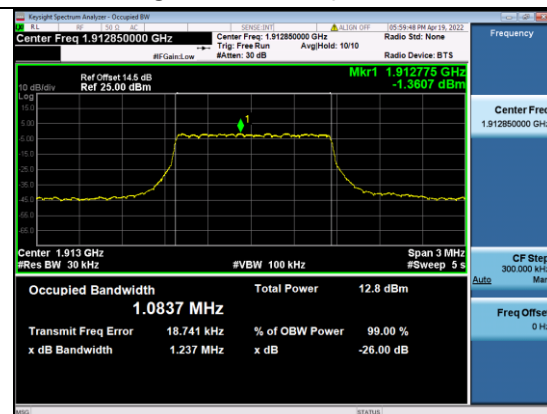
B25-1.4M-Mid CH-OBW-Q16



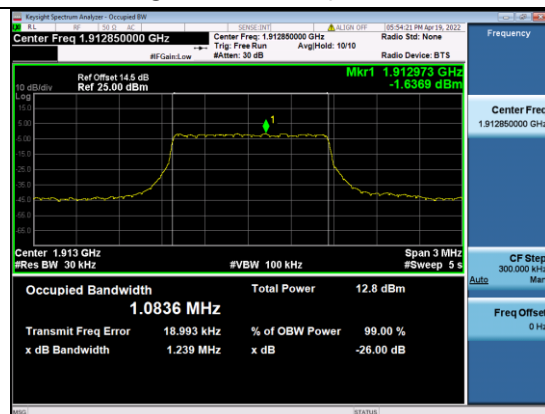
B25-1.4M-Mid CH-OBW-QPSK



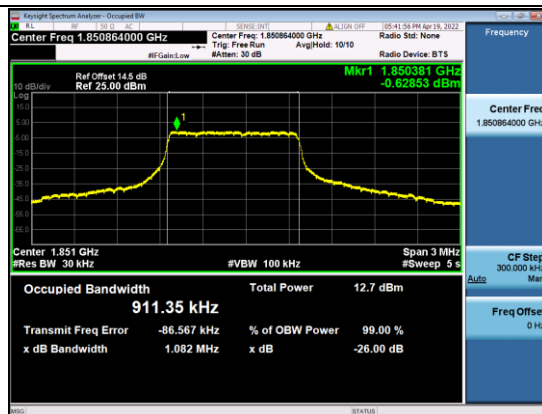
B25-3M-High CH-OBW-Q16



B25-3M-High CH-OBW-QPSK



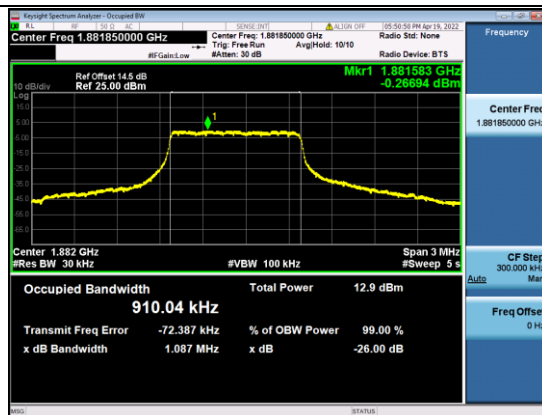
B25-3M-Low CH-OBW-Q16



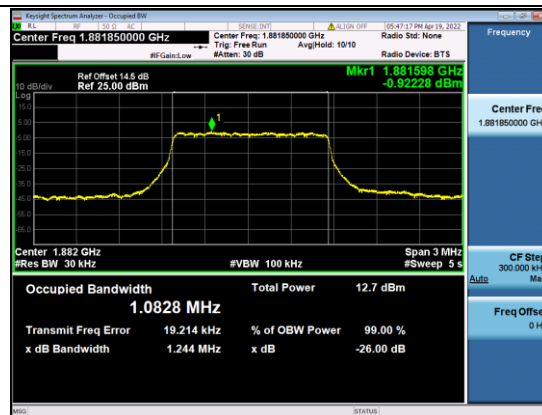
B25-3M-Low CH-OBW-QPSK



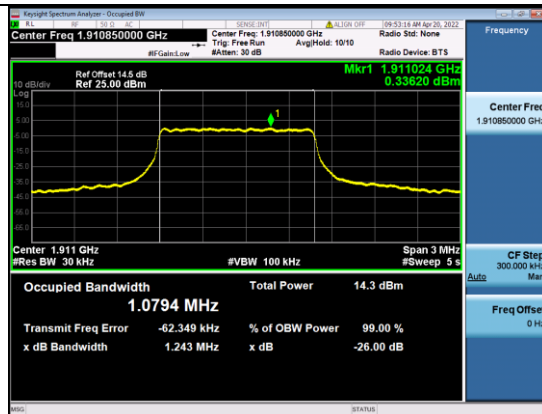
B25-3M-Mid CH-OBW-Q16



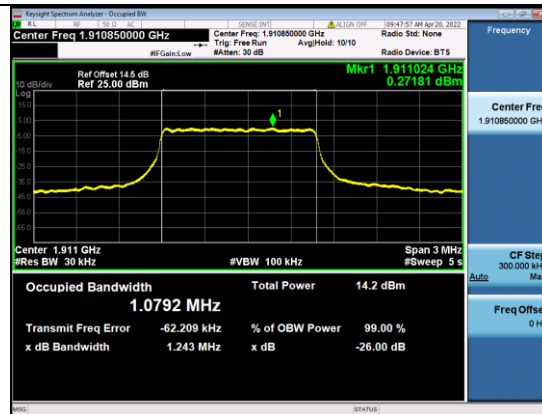
B25-3M-Mid CH-OBW-QPSK



B25-5M-High CH-OBW-Q16



B25-5M-High CH-OBW-QPSK



B25-5M-Low CH-OBW-Q16



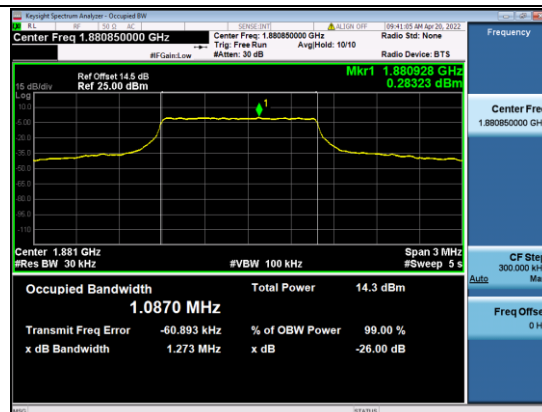
B25-5M-Low CH-OBW-QPSK



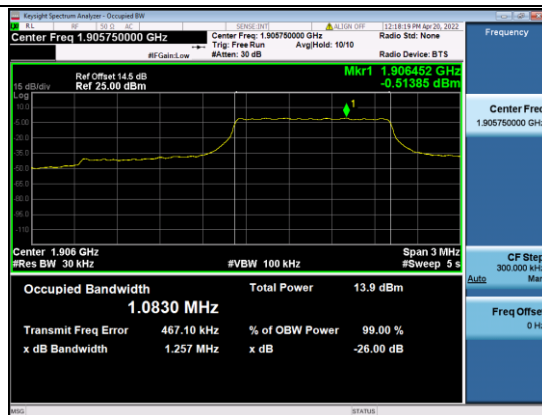
## B25-5M-Mid CH-OBW-Q16



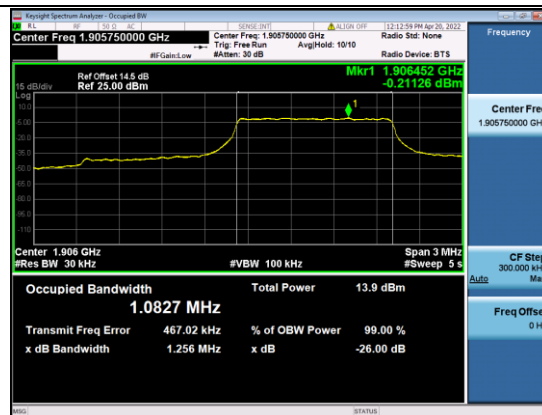
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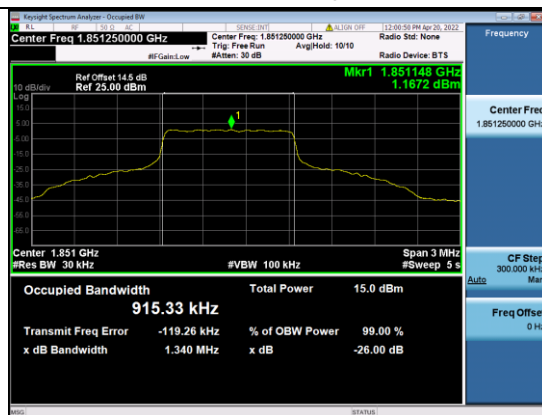
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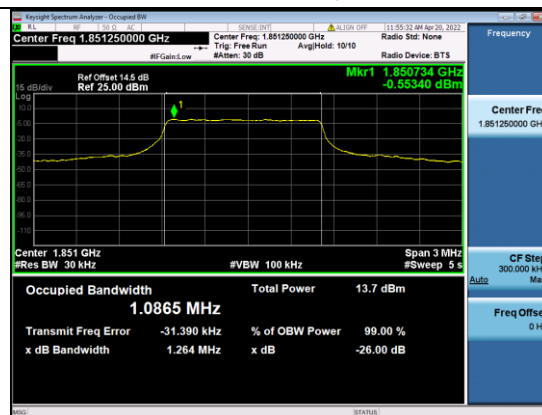
## B25-10M-High CH-OBW-QPSK



## B25-10M-Low CH-OBW-Q16



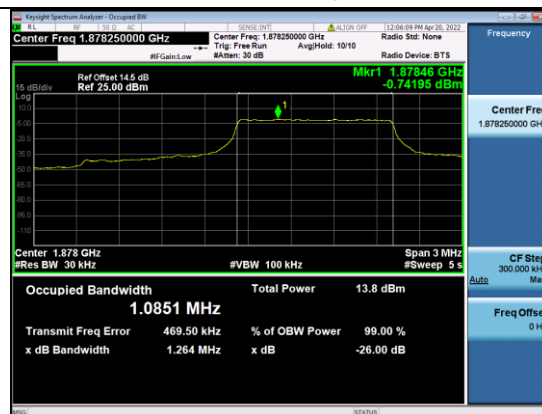
## B25-10M-Low CH-OBW-QPSK



## B25-10M-Mid CH-OBW-Q16



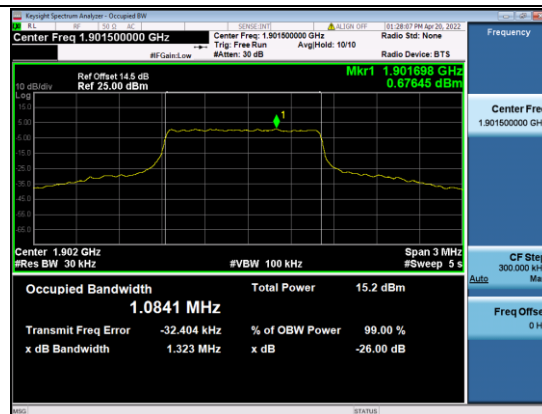
## B25-10M-Mid CH-OBW-QPSK



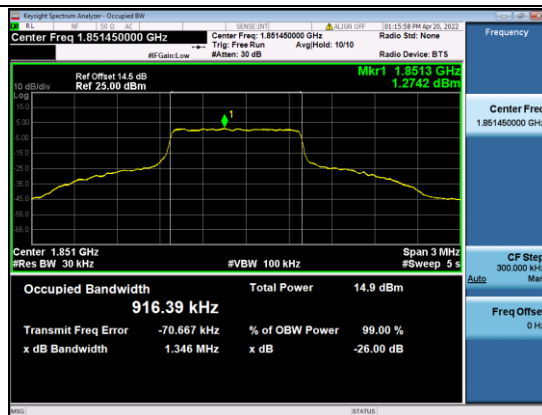
B25-15M-High CH-OBW-Q16



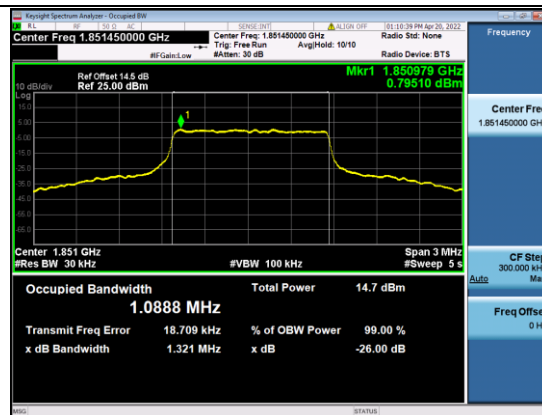
B25-15M-High CH-OBW-QPSK



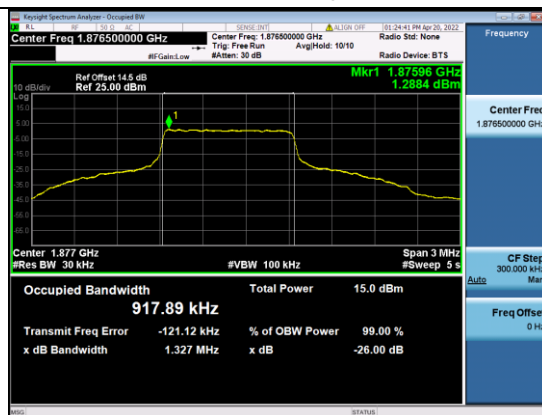
B25-15M-Low CH-OBW-Q16



B25-15M-Low CH-OBW-QPSK



B25-15M-Mid CH-OBW-Q16



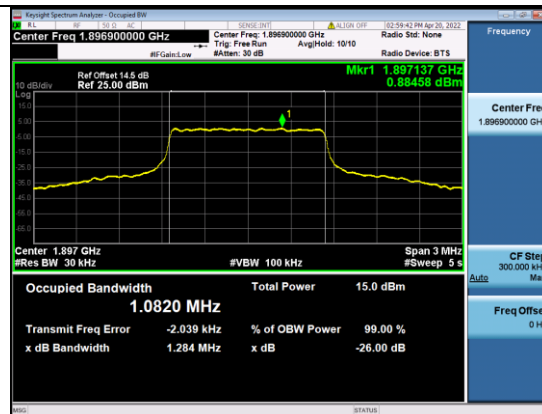
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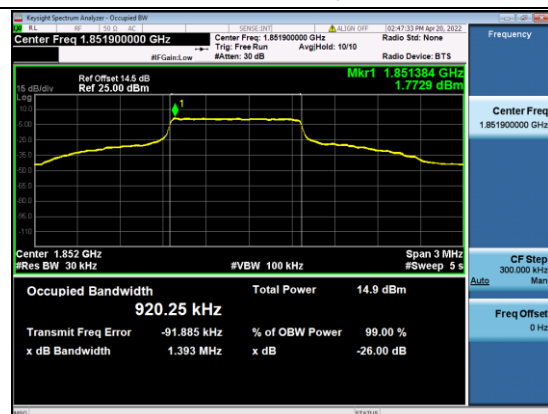
B25-20M-High CH-OBW-Q16



B25-20M-High CH-OBW-QPSK



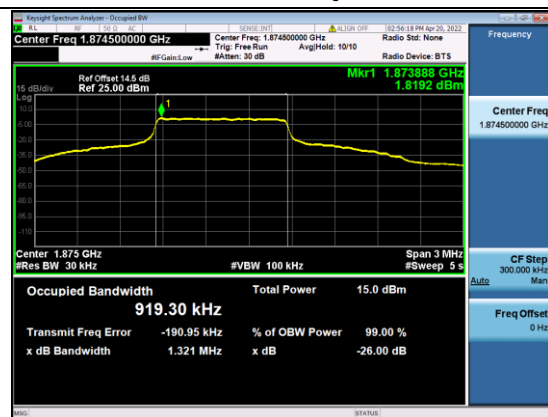
## B25-20M-Low CH-OBW-Q16



## B25-20M-Low CH-OBW-QPSK



## B25-20M-Mid CH-OBW-Q16



## B25-20M-Mid CH-OBW-QPSK

