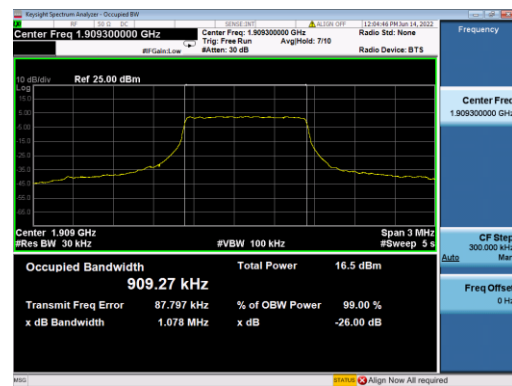
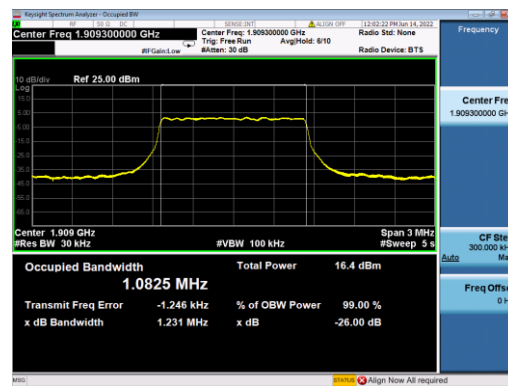


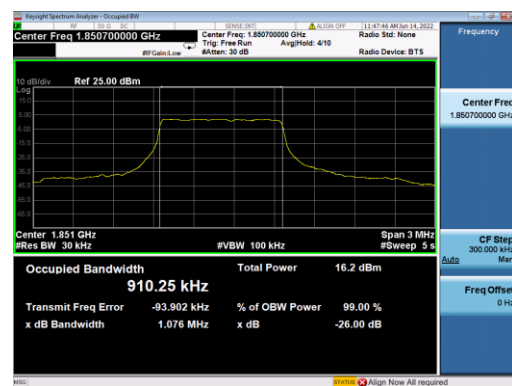
B2-1.4M-High CH-OBW-Q16



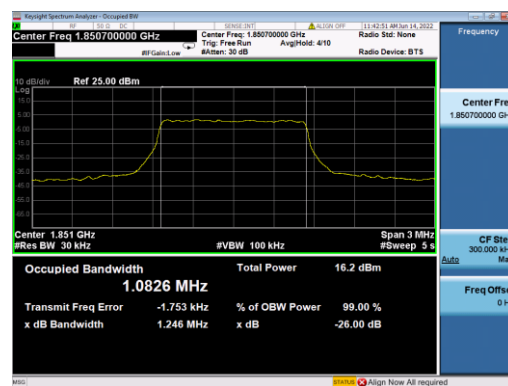
B2-1.4M-High CH-OBW-QPSK



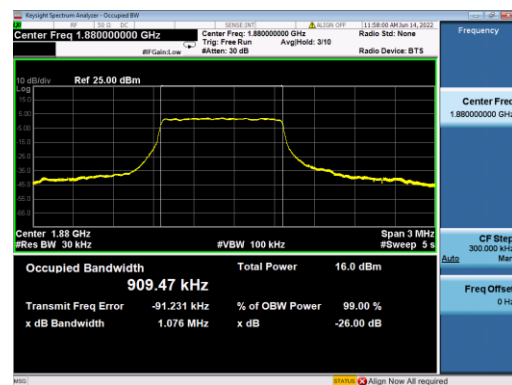
B2-1.4M-Low CH-OBW-Q16



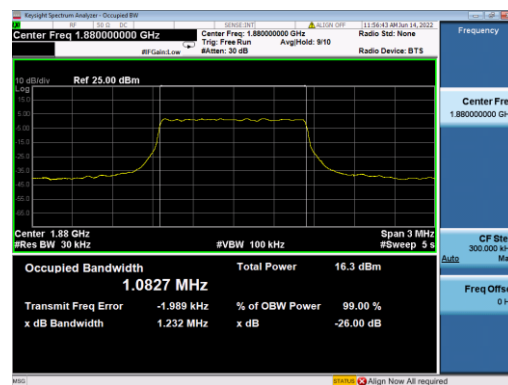
B2-1.4M-Low CH-OBW-QPSK



B2-1.4M-Mid CH-OBW-Q16



B2-1.4M-Mid CH-OBW-QPSK



Nightlight Spectrum Analyzer - Occupied BW
 Center Freq 1.909100000 GHz
 Span 1.7 GHz (10.14, 2014)
 Radio Std: None
 Radio Device: BTS
 #Fetched: none
 Trigger: Free Run
 Avid: Hold > 11
 #BW: 30 dB

10 dB/div
 Ref 25.00 dBm
 Center Freq 1.909100000 GHz
 Span 3 MHz
 #BW 30 kHz
 #VBW 100 kHz
 #Sweep 5 s

Occupied Bandwidth 908.79 kHz
 Total Power 16.2 dBm
 Transmit Freq Error 118.42 kHz
 % of OBW Power 98.00 %
 x dB Bandwidth 1.070 MHz
 x dB -26.00 dB

CF Sweep 300.000 kHz
 Auto Mar
 Freq Offset 0 Hz

Nightlight Spectrum Analyzer - Occupied BW
 Center Freq: 1.909100000 GHz
 Span: 3 MHz
 Res BW: 30 kHz
 #VBW: 100 kHz
 #Sweep: 5 s

Center Freq: 1.909100000 GHz
 Span: 3 MHz
 Res BW: 30 kHz
 #VBW: 100 kHz
 #Sweep: 5 s

Occupied Bandwidth: 1.0827 MHz
 Total Power: 17.2 dBm

Transmit Freq Error: 28.064 kHz
 % of OBW Power: 99.00%
 x dB Bandwidth: 1.234 MHz
 x dB: -26.00 dB

KeyShot Spectrum Analyzer - Occupied BW

Center Freq 1.850850000 GHz

Ref 25.0 dBm

Span 3 MHz

Res BW 30 kHz

Occupied Bandwidth

910.98 kHz

Transmit Freq Error

-73.152 kHz

x dB Bandwidth

1.078 MHz

Total Power

16.3 dBm

% of OBW Power

99.00 %

x dB

-26.00 dB

Center Freq 1.850850000 GHz

CF Step 300.000 MHz

Auto

Frequency

Radio Set: None

Radio Bites: BTS

CF Step 0 Hz

The screenshot displays a Keysight Spectrum Analyzer interface. At the top, the title bar reads "Keysight Spectrum Analyzer - Occupied BW". The main display area shows a frequency spectrum plot with a yellow trace. The plot has a logarithmic y-axis labeled "dBm" ranging from -10 to 20, and a linear x-axis labeled "MHz" ranging from 1.850 to 1.851. A reference level is indicated as "Ref 25.00 dBm". The signal trace shows a flat noise floor at approximately -100 dBm, a sharp rise to a plateau at approximately -10 dBm, and a sharp fall back to the noise floor. The plateau is labeled "1.0820 MHz".

Below the plot, the measurement summary is displayed:

Measurement	Value
Center Freq	1.851 GHz
Span	3 MHz
Res BW	30 kHz
VBW	100 kHz
Occupied Bandwidth	1.0820 MHz
Total Power	16.3 dBm
Transmit Freq Error	18.492 kHz
% of OBW Power	99.00 %
x dB Bandwidth	1.244 MHz
x dB	-26.00 dB

On the right side of the interface, there is a vertical toolbar with buttons for "TraceDetector", "Clear Write", "Average", "Max Hold", "Min Hold", "Detect", "Average", and "Marker". The "TraceDetector" button is currently selected.

Keysight Spectrum Analyzer - Occupied BW

Center Freq 1.879400000 GHz

Center Freq: 1.879400000 GHz

Trig: Free Run

Amplitude: 5/1

Ref: 25.00 dBm

Radio Device: BTS

10.00 dBm

Ref 25.00 dBm

9.00

8.00

7.00

6.00

5.00

4.00

3.00

2.00

1.00

0.00

-1.00

-2.00

-3.00

-4.00

-5.00

-6.00

-7.00

-8.00

-9.00

-10.00

-11.00

-12.00

-13.00

-14.00

-15.00

-16.00

-17.00

-18.00

-19.00

-20.00

-21.00

-22.00

-23.00

-24.00

-25.00

-26.00

-27.00

-28.00

-29.00

-30.00

-31.00

-32.00

-33.00

-34.00

-35.00

-36.00

-37.00

-38.00

-39.00

-40.00

-41.00

-42.00

-43.00

-44.00

-45.00

-46.00

-47.00

-48.00

-49.00

-50.00

-51.00

-52.00

-53.00

-54.00

-55.00

-56.00

-57.00

-58.00

-59.00

-60.00

Center 1.879 GHz

Res BW 30 kHz

Span 3 MHz

Sweep 5 s

#VBW 100 kHz

Occupied Bandwidth

910.62 kHz

Transmit Freq Error

-123.26 kHz

% of OBW Power

99.00 %

x dB Bandwidth

1.078 MHz

x dB

-26.00 dB

Frequency

Center Freq

1.879400000 GHz

CF Step

300.000 kHz

Auto

Mar

Freq Offset

0 Hz

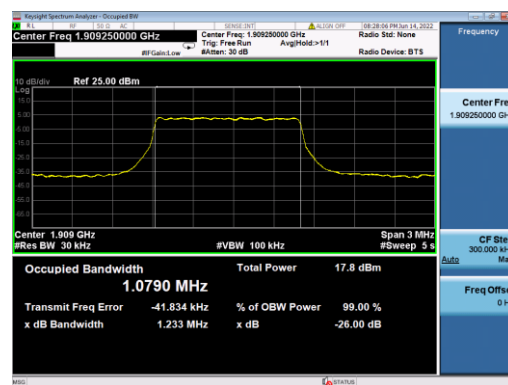
60.000 MHz

The screenshot displays a spectrum analyzer interface. At the top, the title bar reads "KeySight Spectrum Analyzer - Occupied BW". The main display area shows a frequency plot with a yellow trace representing the signal power. The x-axis is labeled "Center Freq: 1.879400000 GHz" and the y-axis is labeled "dBm". A reference level "Ref 25.00 dBm" is indicated. The signal is centered around 1.879 GHz. Below the plot, several parameters are listed: "Center 1.879 GHz", "#Res BW 30 kHz", "#VBW 100 kHz", "Span 3 MHz", and "#Sweep 5 s". On the right side, there are tabs for "Frequency" and "Center Freq", with the latter selected.

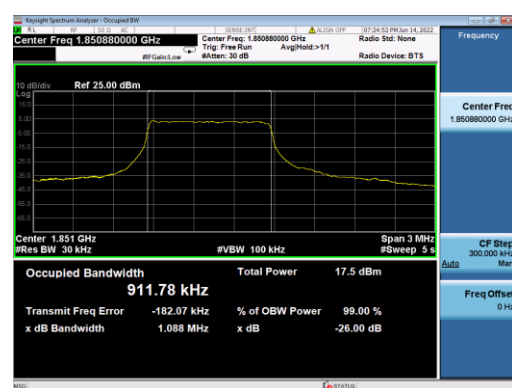
B2-5M-High CH-OBW-Q16



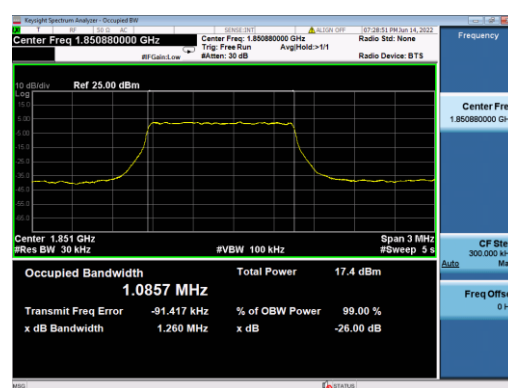
B2-5M-High CH-OBW-QPSK



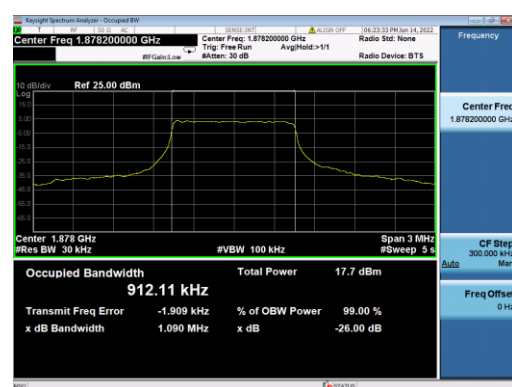
B2-5M-Low CH-OBW-Q16



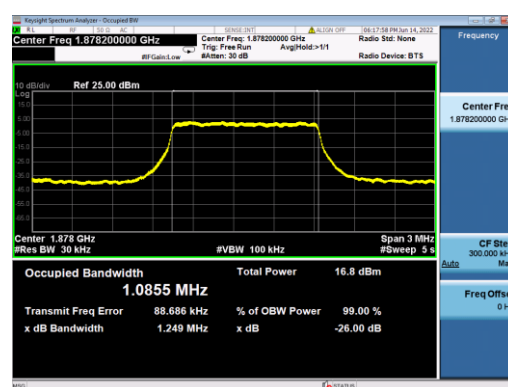
B2-5M-Low CH-OBW-QPSK



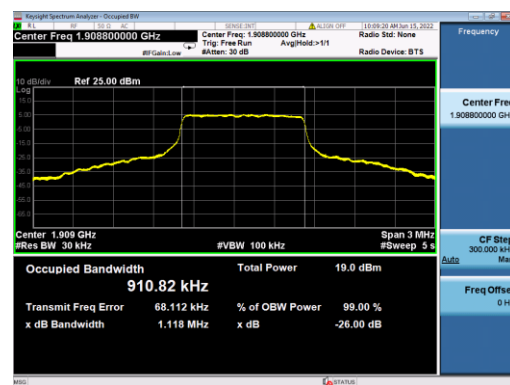
B2-5M-Mid CH-OBW-Q16



B2-5M-Mid CH-OBW-QPSK



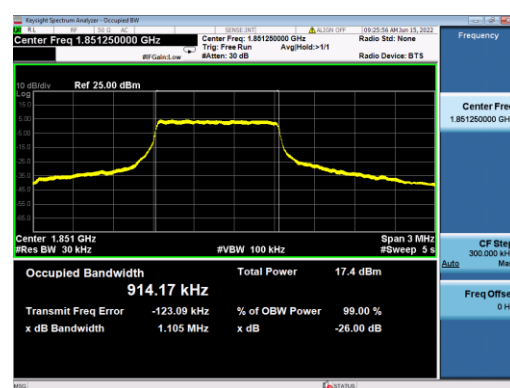
B2-10M-High CH-OBW-Q16



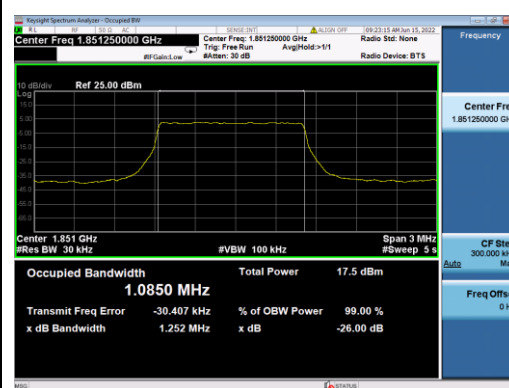
B2-10M-High CH-OBW-QPSK



B2-10M-Low CH-OBW-Q16



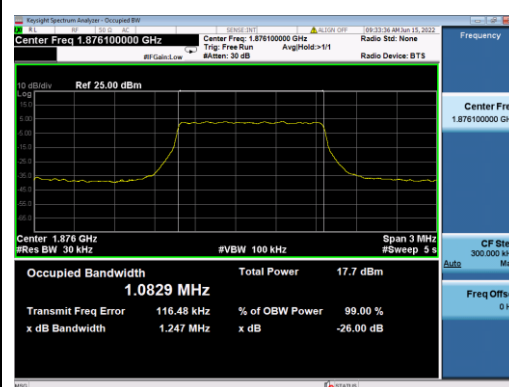
B2-10M-Low CH-OBW-QPSK



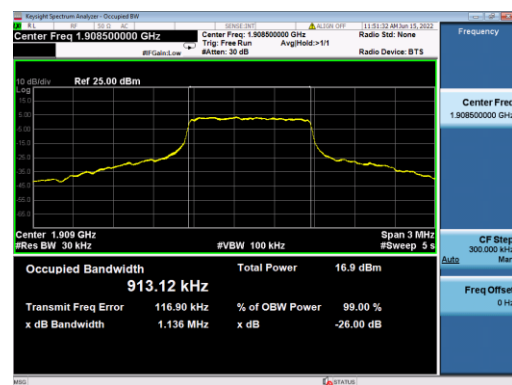
B2-10M-Mid CH-OBW-Q16



B2-10M-Mid CH-OBW-QPSK



B2-15M-High CH-OBW-Q16



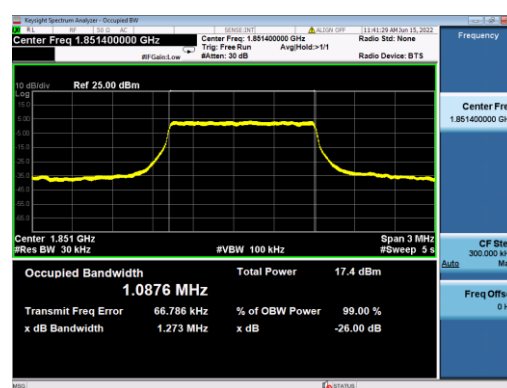
B2-15M-High CH-OBW-QPSK



B2-15M-Low CH-OBW-Q16



B2-15M-Low CH-OBW-QPSK



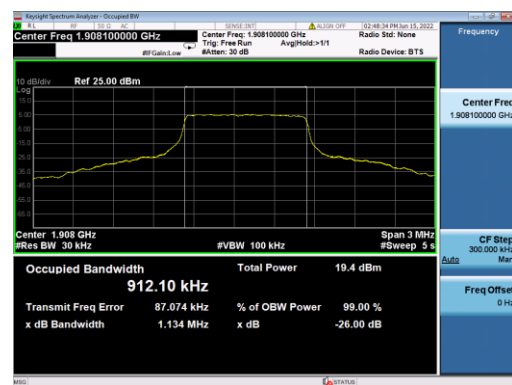
B2-15M-Mid CH-OBW-Q16



B2-15M-Mid CH-OBW-QPSK



B2-20M-High CH-OBW-Q16



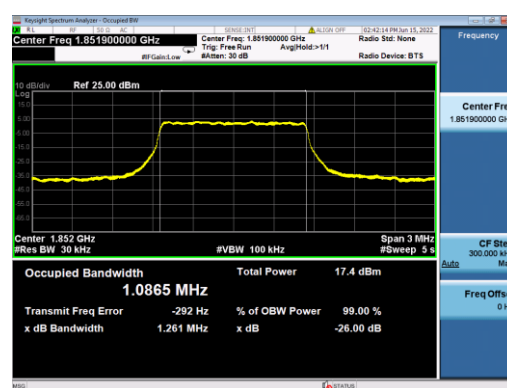
B2-20M-High CH-OBW-QPSK



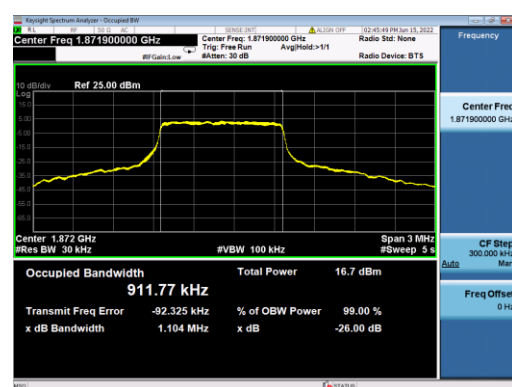
B2-20M-Low CH-OBW-Q16



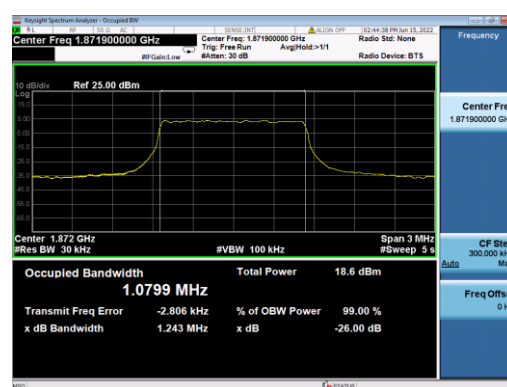
B2-20M-Low CH-OBW-QPSK



B2-20M-Mid CH-OBW-Q16



B2-20M-Mid CH-OBW-QPSK



B4-1.4M-High CH-OBW-Q16



B4-1.4M-High CH-OBW-QPSK



B4-1.4M-Low CH-OBW-Q16



B4-1.4M-Low CH-OBW-QPSK



B4-1.4M-Mid CH-OBW-Q16



B4-1.4M-Mid CH-OBW-QPSK



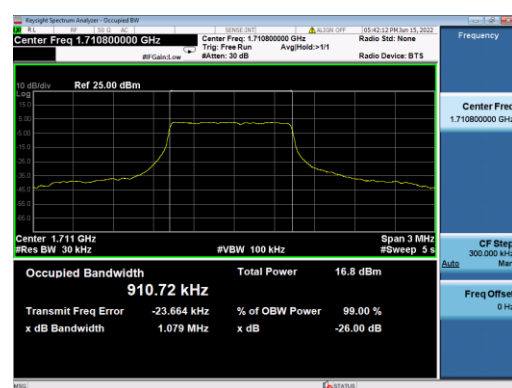
B4-3M-High CH-OBW-Q16



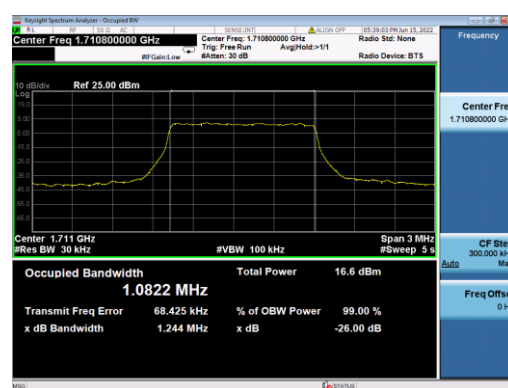
B4-3M-High CH-OBW-QPSK



B4-3M-Low CH-OBW-Q16



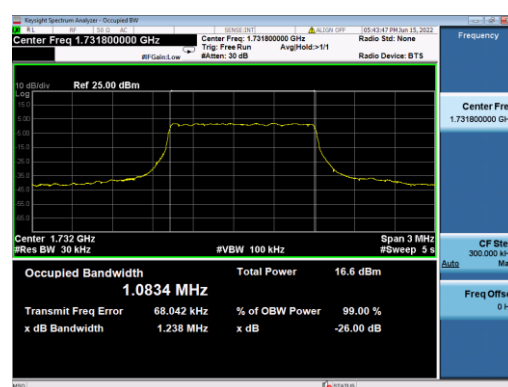
B4-3M-Low CH-OBW-QPSK



B4-3M-Mid CH-OBW-Q16



B4-3M-Mid CH-OBW-QPSK



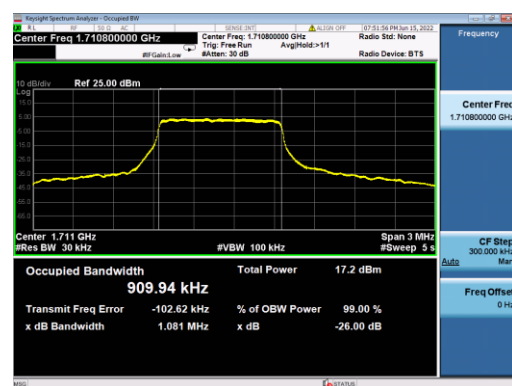
B4-5M-High CH-OBW-Q16



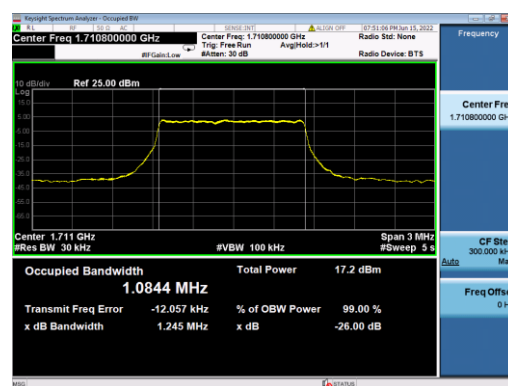
B4-5M-High CH-OBW-QPSK



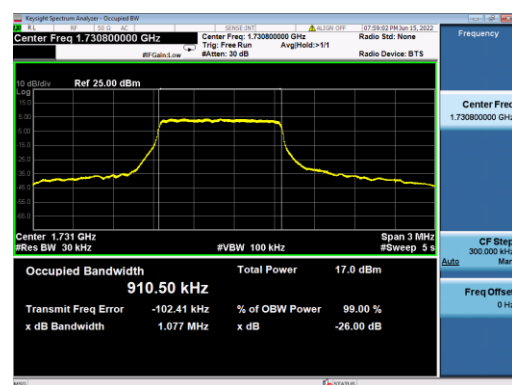
B4-5M-Low CH-OBW-Q16



B4-5M-Low CH-OBW-QPSK



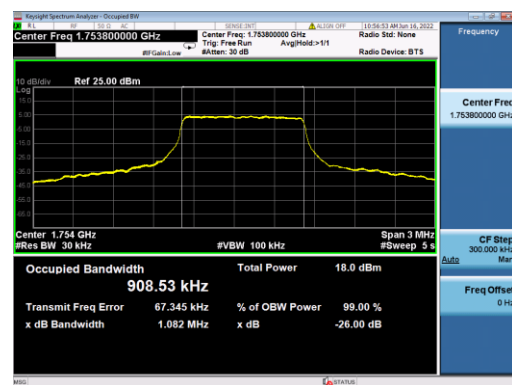
B4-5M-Mid CH-OBW-Q16



B4-5M-Mid CH-OBW-QPSK



B4-10M-High CH-OBW-Q16



B4-10M-High CH-OBW-QPSK



B4-10M-Low CH-OBW-Q16



B4-10M-Low CH-OBW-QPSK



B4-10M-Mid CH-OBW-Q16



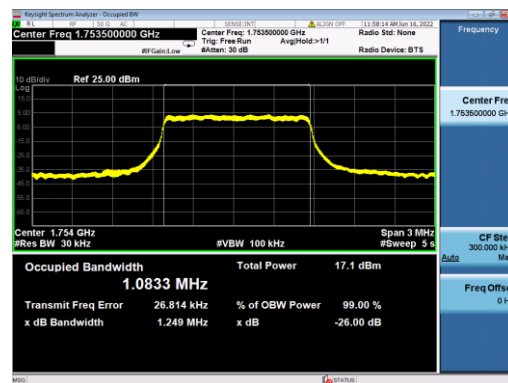
B4-10M-Mid CH-OBW-QPSK



B4-15M-High CH-OBW-Q16



B4-15M-High CH-OBW-QPSK



B4-15M-Low CH-OBW-Q16



B4-15M-Low CH-OBW-QPSK



B4-15M-Mid CH-OBW-Q16



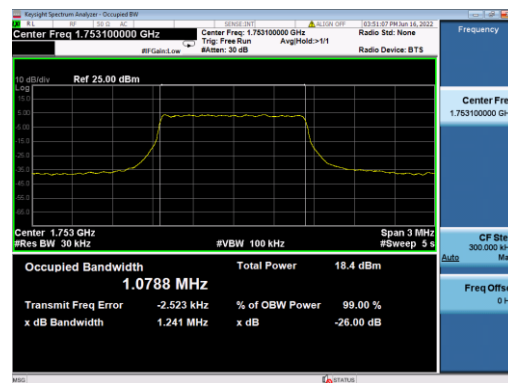
B4-15M-Mid CH-OBW-QPSK



B4-20M-High CH-OBW-Q16



B4-20M-High CH-OBW-QPSK



B4-20M-Low CH-OBW-Q16



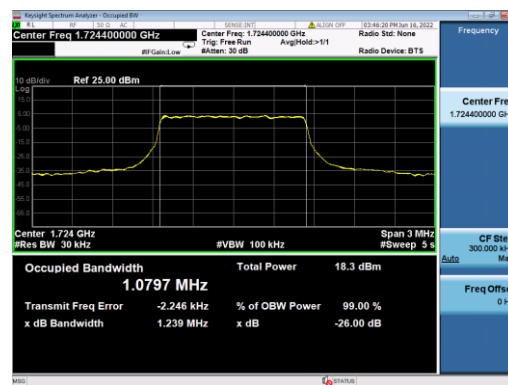
B4-20M-Low CH-OBW-QPSK



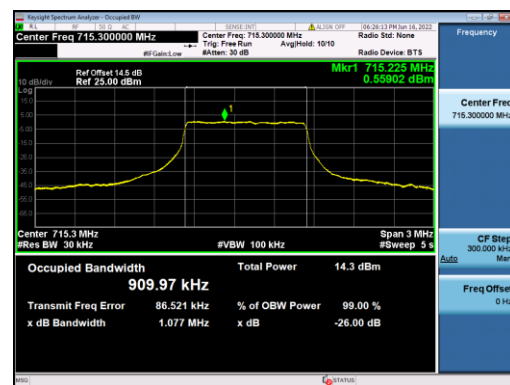
B4-20M-Mid CH-OBW-Q16



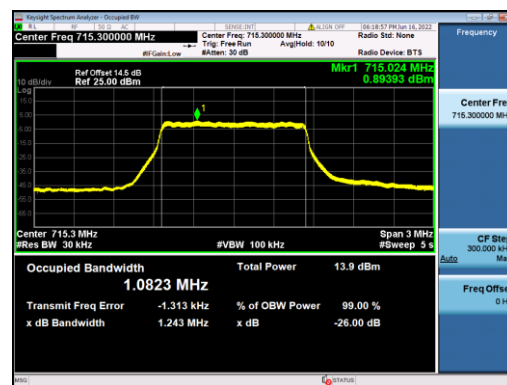
B4-20M-Mid CH-OBW-QPSK



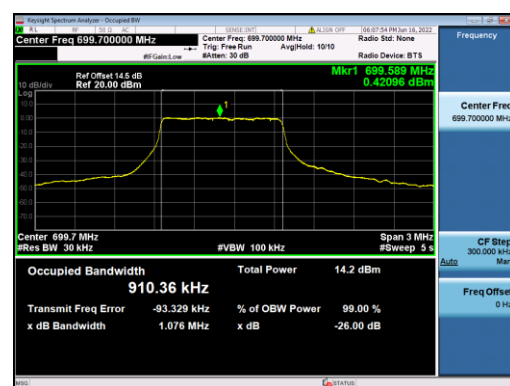
B12-1.4M-High CH-OBW-Q16



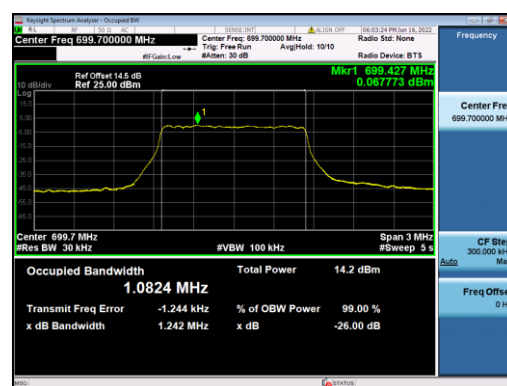
B12-1.4M-High CH-OBW-QPSK



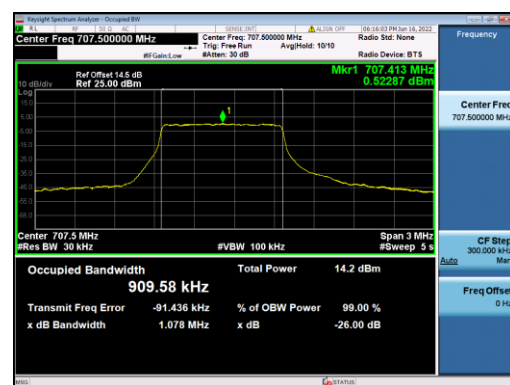
B12-1.4M-Low CH-OBW-Q16



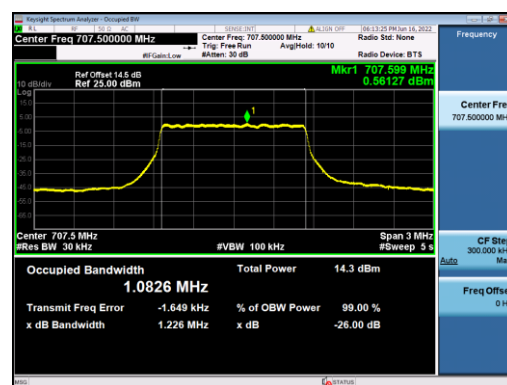
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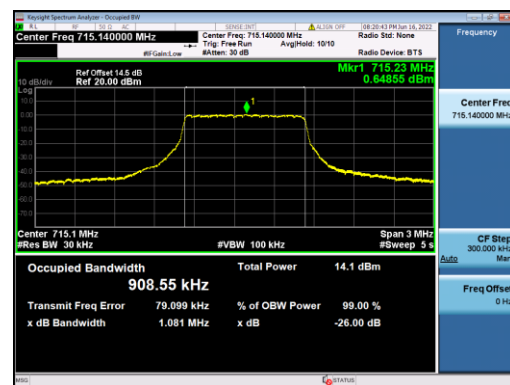
B12-1.4M-Mid CH-OBW-Q16



B12-1.4M-Mid CH-OBW-QPSK



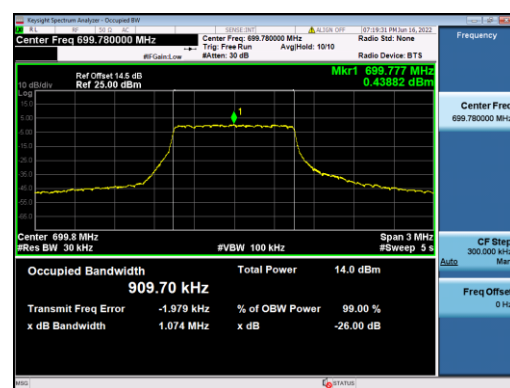
B12-3M-High CH-OBW-Q16



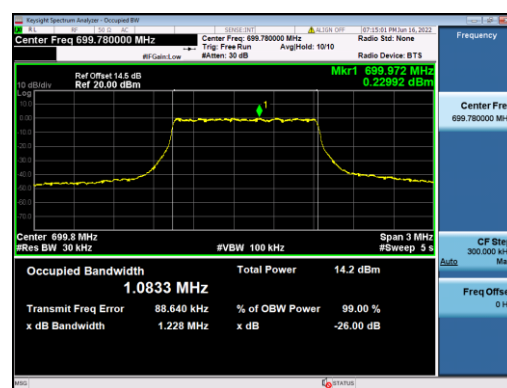
B12-3M-High CH-OBW-QPSK



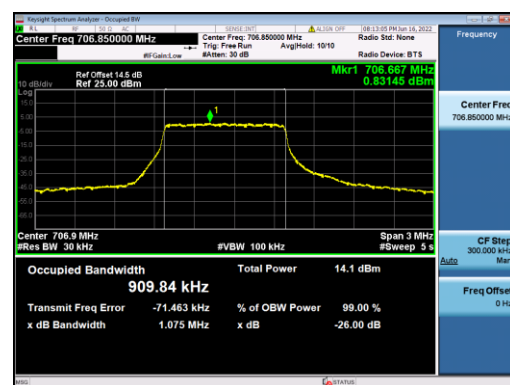
B12-3M-Low CH-OBW-Q16



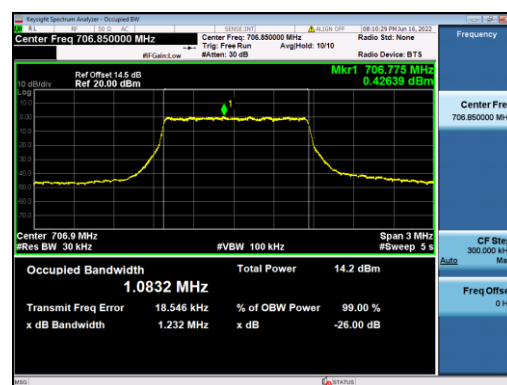
B12-3M-Low CH-OBW-QPSK



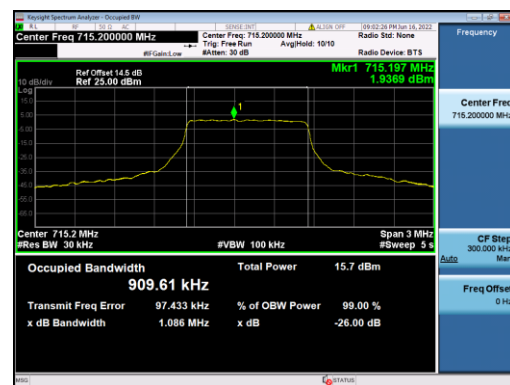
B12-3M-Mid CH-OBW-Q16



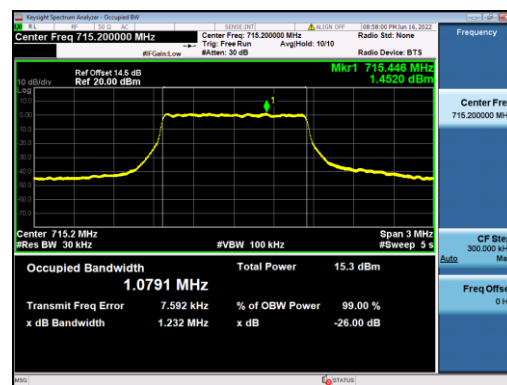
B12-3M-Mid CH-OBW-QPSK



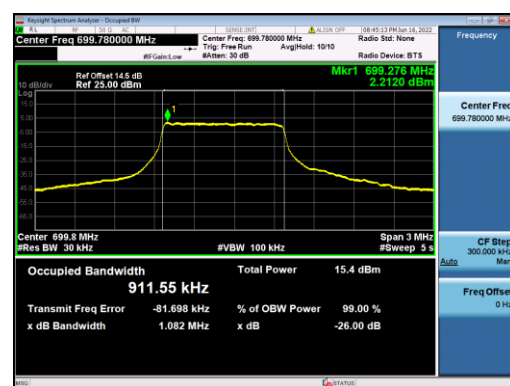
B12-5M-High CH-OBW-Q16



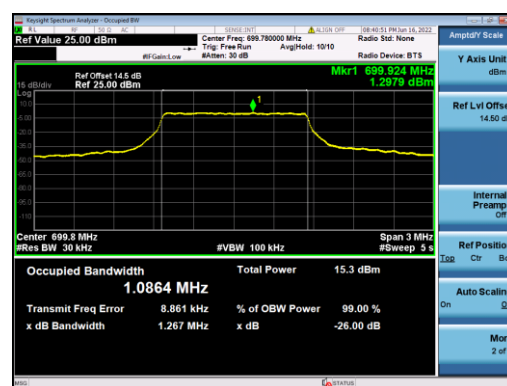
B12-5M-High CH-OBW-QPSK



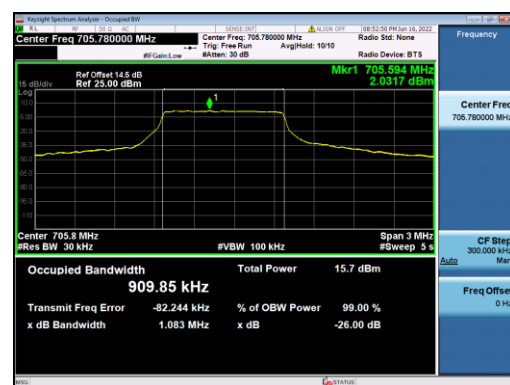
B12-5M-Low CH-OBW-Q16



B12-5M-Low CH-OBW-QPSK



B12-5M-Mid CH-OBW-Q16



B12-5M-Mid CH-OBW-QPSK

