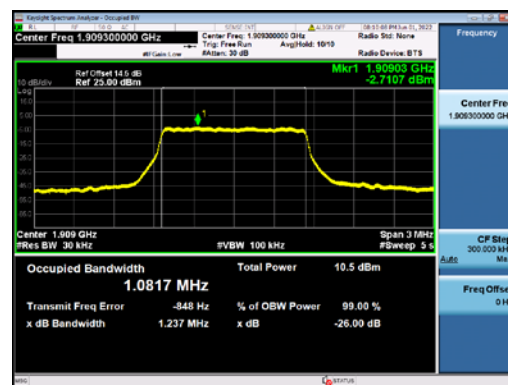


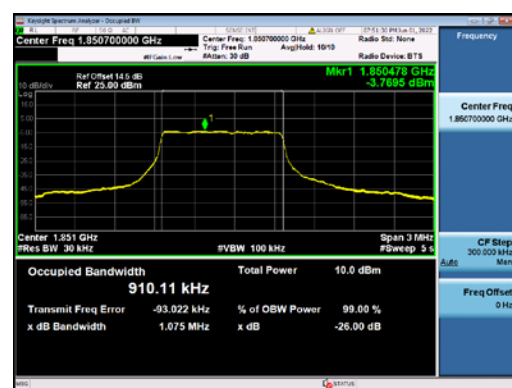
B2-1.4M-High CH-OBW-Q16



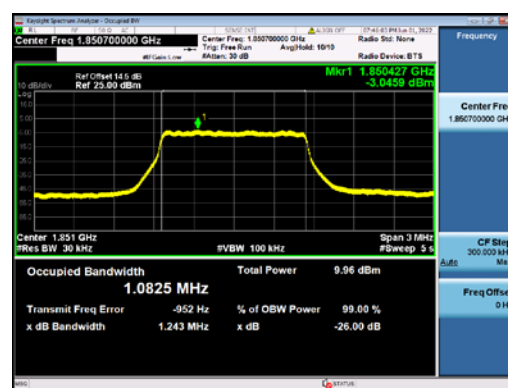
B2-1.4M-High CH-OBW-QPSK



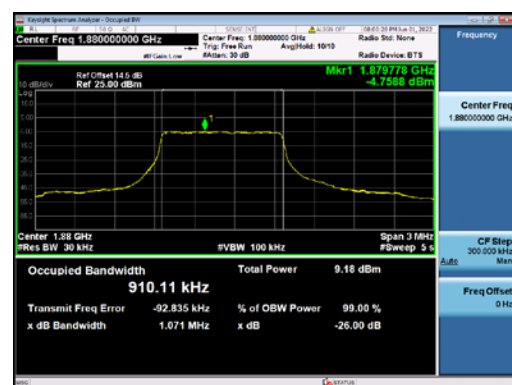
B2-1.4M-Low CH-OBW-Q16



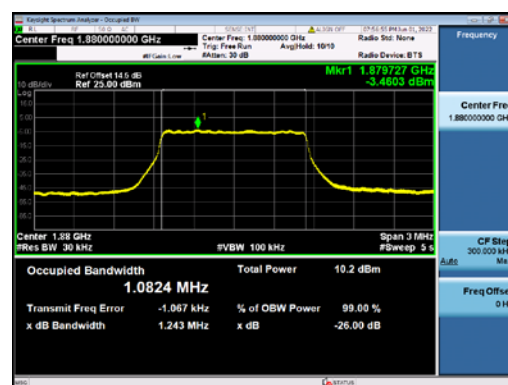
B2-1.4M-Low CH-OBW-QPSK



B2-1.4M-Mid CH-OBW-Q16



B2-1.4M-Mid CH-OBW-QPSK



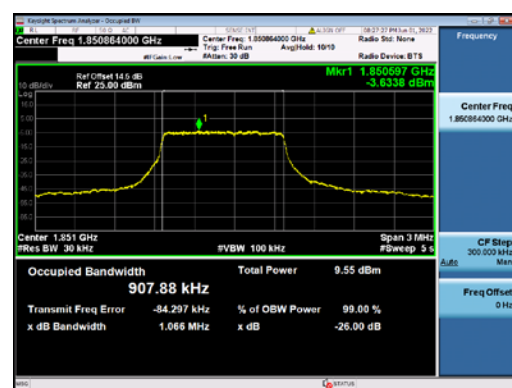
B2-3M-High CH-OBW-Q16



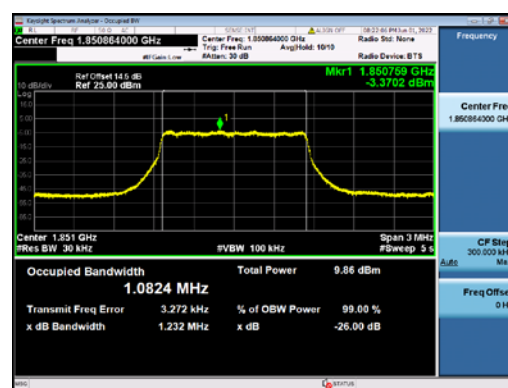
B2-3M-High CH-OBW-QPSK



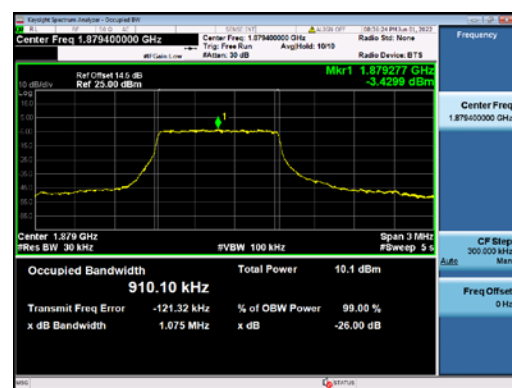
B2-3M-Low CH-OBW-Q16



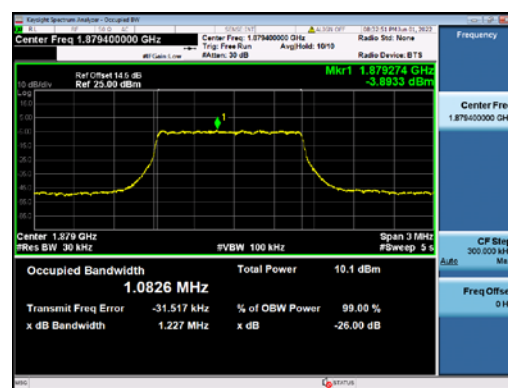
B2-3M-Low CH-OBW-QPSK



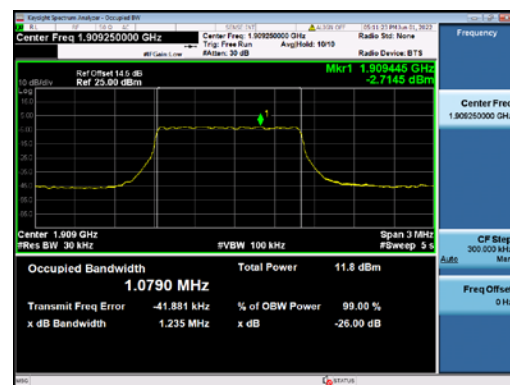
B2-3M-Mid CH-OBW-Q16



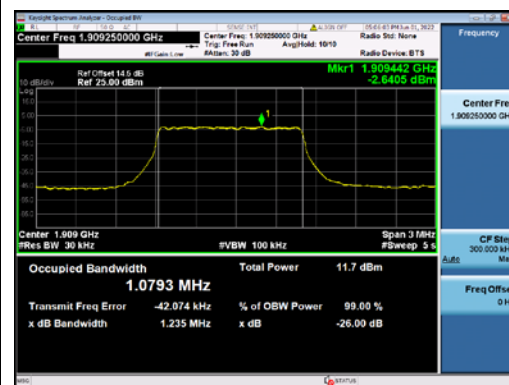
B2-3M-Mid CH-OBW-QPSK



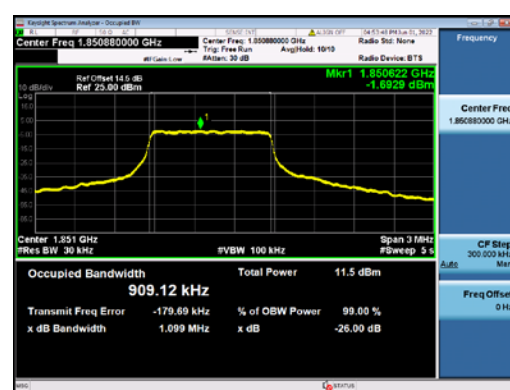
B2-5M-High CH-OBW-Q16



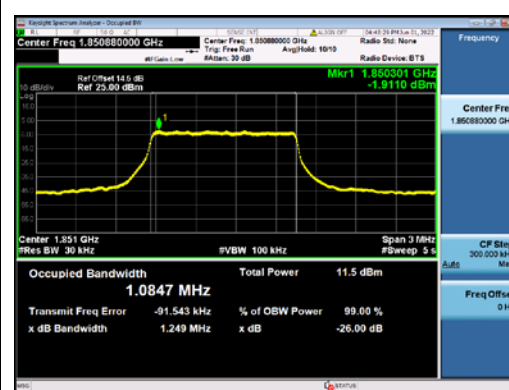
B2-5M-High CH-OBW-QPSK



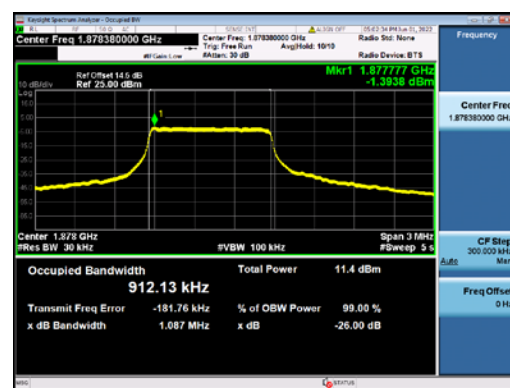
B2-5M-Low CH-OBW-Q16



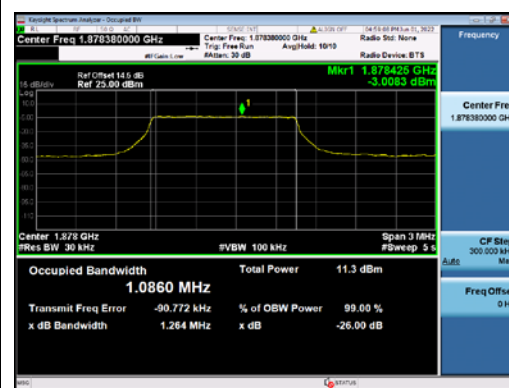
B2-5M-Low CH-OBW-QPSK



B2-5M-Mid CH-OBW-Q16



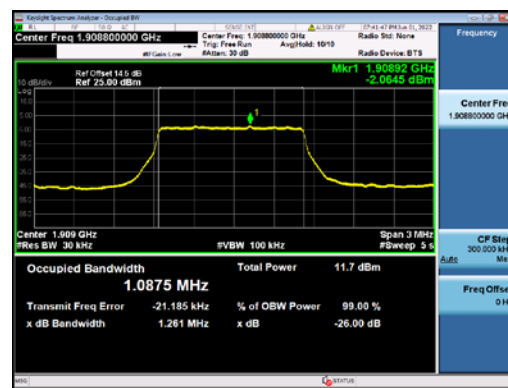
B2-5M-Mid CH-OBW-QPSK



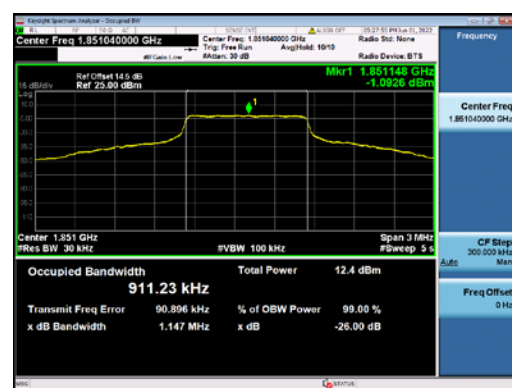
B2-10M-High CH-OBW-Q16



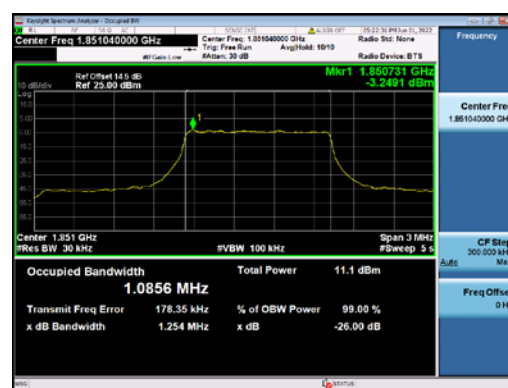
B2-10M-High CH-OBW-QPSK



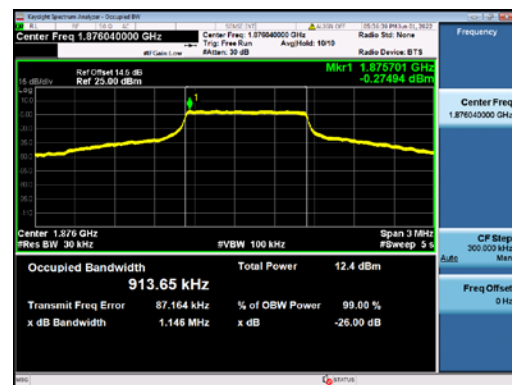
B2-10M-Low CH-OBW-Q16



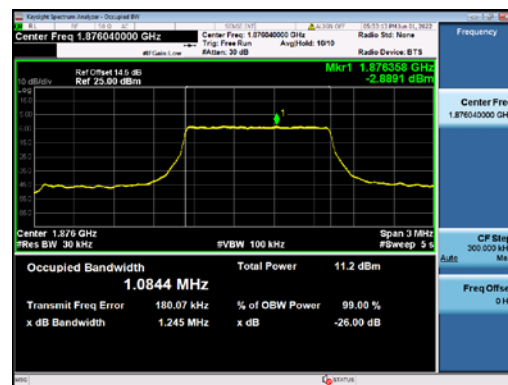
B2-10M-Low CH-OBW-QPSK



B2-10M-Mid CH-OBW-Q16



B2-10M-Mid CH-OBW-QPSK



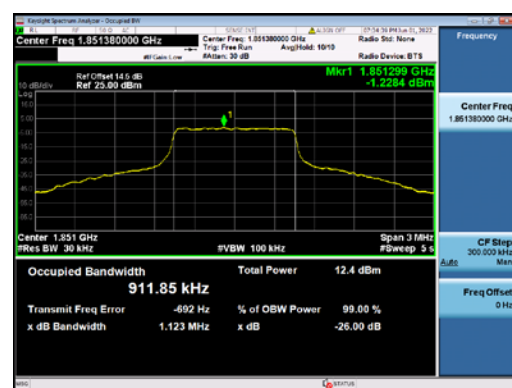
B2-15M-High CH-OBW-Q16



B2-15M-High CH-OBW-QPSK



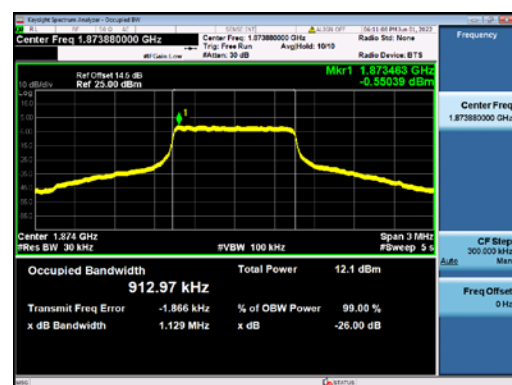
B2-15M-Low CH-OBW-Q16



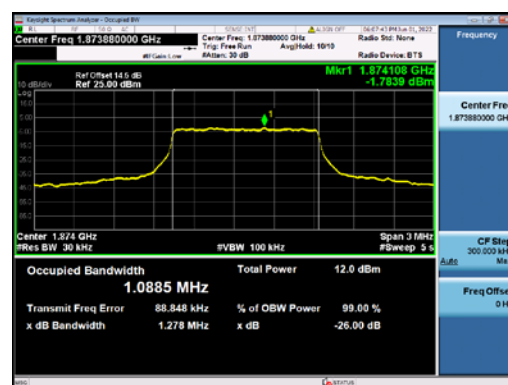
B2-15M-Low CH-OBW-QPSK



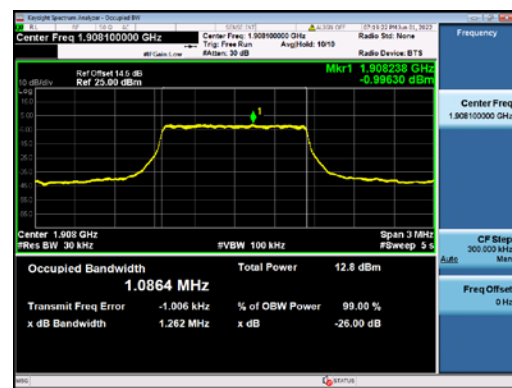
B2-15M-Mid CH-OBW-Q16



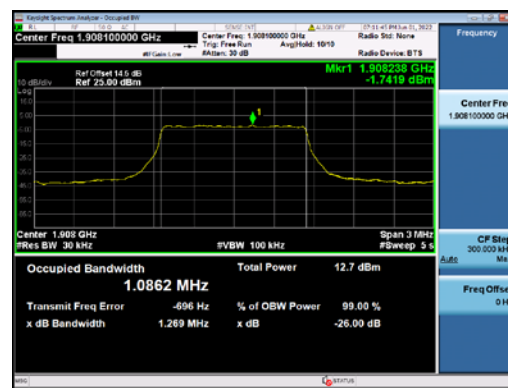
B2-15M-Mid CH-OBW-QPSK



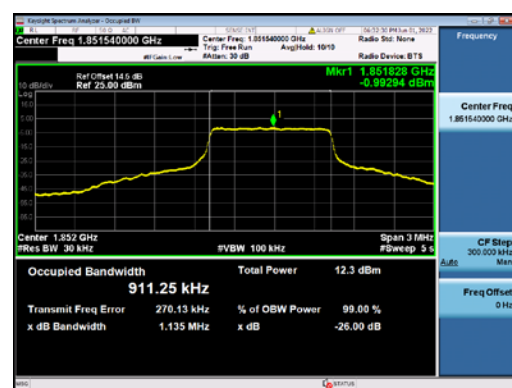
B2-20M-High CH-OBW-Q16



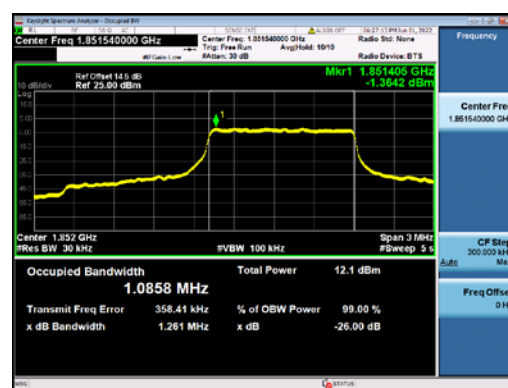
B2-20M-High CH-OBW-QPSK



B2-20M-Low CH-OBW-Q16



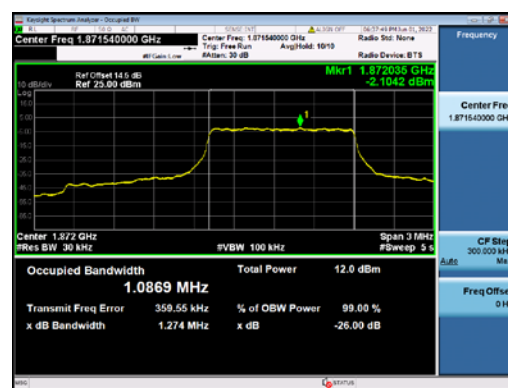
B2-20M-Low CH-OBW-QPSK



B2-20M-Mid CH-OBW-Q16



B2-20M-Mid CH-OBW-QPSK



Spectrum Analyzer - Occupied BW

Center Freq 1.753850000 GHz

Mkr1 1.754396 GHz -3.8811 dBm

Center 1.754 GHz

Occupied Bandwidth 1.0824 MHz

Total Power 10.3 dBm

Transmit Freq Error 448.67 kHz

KeySight Spectrum Analyzer - Document B01

Center Freq 1.7543099000 GHz

Center Freq 1.7543099000 GHz

Ying: Free Run

Attenu: 20 dB

Radio Det: None

AngleHold: 10/10

Radio Detector: BTS

dBm: 1.7543099 GHz

-3.6306 dBm

Ref: 10 dBm 10 dB

Ref: 75.00 dBm

Center 1.754 GHz

RF Res BW 30 kHz

Span 3 MHz

IF Res BW 30 kHz

VBW 100 kHz

dB BW 30 kHz

dB BW 30 kHz

Occupied Bandwidth 1.0827 MHz

Total Power 10.3 dBm

Transmit Freq Error -1.225 kHz

% of OSW Power 99.60 %

x dB Bandwidth 1.226 MHz

x dB -26.00 dB

The screenshot shows a Spectrum Analyzer interface. The main display is a frequency plot with a peak at 1.710000 GHz. The plot has a span of 3 MHz and a resolution bandwidth (RBW) of 30 kHz. The peak is labeled with a power of -2.6774 dBm. The plot also shows a reference level at 10 dBm and a noise floor at -129.74 dBm. The plot is titled 'Center Freq 1.710700000 GHz'.

The sidebar on the right contains the following settings:

- Frequency: 1.710700000 GHz
- Center Freq: 1.710700000 GHz
- CP Step: 300.000 kHz
- Autos: [checked]
- Man: [unchecked]
- Freq Offset: 0 Hz

The bottom panel displays the following parameters:

- Center: 1.711 GHz
- RBW: 30 kHz
- Span: 3 MHz
- IFBW: 100 kHz
- RBW: 30 kHz
- Occupied Bandwidth: 910.67 kHz
- Total Power: 10.9 dBm
- Transmit Freq Error: -92.974 kHz
- % of OBW Power: 99.00%
- x dB Bandwidth: 1.075 MHz
- x dB: -26.00 dB

The screenshot shows a Spectrum Analyzer interface. At the top, the title bar reads "Spectrum Analyzer - Occupied BW". The main display area shows a frequency plot with a yellow trace. The x-axis is labeled "Center Freq 1.710700000 GHz" and the y-axis is labeled "10 dBm". The plot shows a signal with a peak at 1.710434 GHz and a noise floor at -2.9124 dBm. The signal is labeled "Mkr1 1.710434 GHz -2.9124 dBm".

Below the plot, a table displays the following parameters:

Center Freq	1.710 GHz	Span	2 MHz
Ref Res BW	30 kHz	IFBW	100 kHz
Occupied Bandwidth	1.0821 MHz	Total Power	10.6 dBm
Transmit Freq Error	-996 Hz	% of OBW Power	99.00 %
x dB Bandwidth	1.243 MHz	x dB	-26.00 dB

On the right side of the interface, there are several control buttons and labels: "Frequency", "Radio Device B7S", "Center Freq 1.710700000 GHz", "CF Step 200.000 MHz", "Auto", "Max", "Freq Offset 0 Hz", and "dBm".

The screenshot shows a Spectrum Analyzer interface with the following details:

- Top Panel:**
 - Center Freq: 1.732500000 GHz
 - Span: 3 MHz
 - Resolution BW: 30 kHz
 - Video BW: 100 kHz
 - Reference Level: -3.1733 dBm
 - Marker: Mkr1 1.732386 GHz -3.1733 dBm
- Plot Area:**
 - A yellow trace shows a signal with a flat top and rounded edges.
 - A green peak marker is positioned on the flat top of the signal.
 - The y-axis is labeled 'dBm' and ranges from -10 to 0.
 - The x-axis is labeled 'MHz' and ranges from 1.731 to 1.733.
- Bottom Panel:**
 - Occupied Bandwidth: 910.32 kHz
 - Total Power: 10.8 dBm
 - Transmit Freq Error: -93.056 kHz
 - % of OBW Power: 99.00 %
 - x dB Bandwidth: 1.075 MHz
 - x dBm: -26.00 dB
- Right Panel:**
 - Frequency: 1.732500000 GHz
 - Center Freq: 1.732500000 GHz
 - CF Stop: 200.000 MHz
 - Auto: Man
 - Freq Offset: 0 kHz



The screenshot shows the Keysight Spectrum Analyzer interface. The main display is a plot of power spectral density (PSD) in dBm/Hz versus frequency. The plot shows a signal centered at 1.732 GHz with a bandwidth of 30 MHz. The signal level is approximately -3.07 dBm. The plot is titled "Occupied BW" and shows the signal's power spectrum. The x-axis is labeled "Frequency" and ranges from 1.725 GHz to 1.735 GHz. The y-axis is labeled "Power Spectral Density (dBm/Hz)" and ranges from -10 to 10. The plot shows a signal centered at 1.732 GHz with a bandwidth of 30 MHz. The signal level is approximately -3.07 dBm. The plot is titled "Occupied BW" and shows the signal's power spectrum. The x-axis is labeled "Frequency" and ranges from 1.725 GHz to 1.735 GHz. The y-axis is labeled "Power Spectral Density (dBm/Hz)" and ranges from -10 to 10.

Keysight Spectrum Analyzer - Occupied BW

Center Freq 1.732500000 GHz

Trig: Free Run

AltMath: 30 dB

Radio Set: None

AltMath: 10 dB

Radio Device: BTS

Center Freq 1.73220 GHz

MHz1 1.73220 GHz

-3.0717 dBm

Ref 75.00 dBm

Center 1.733 GHz

Res BW 30 kHz

Span 3 MHz

VBW 100 kHz

RBW 3 MHz

dBW 5 s

Occupied Bandwidth

2.0820 MHz

Total Power

10.7 dBm

Transmit Freq Error

-370 Hz

% of OBW Power

99.00 %

x dB Bandwidth

1.239 MHz

x dB

-26.00 dB

Frequency

Center Freq 1.732500000 GHz

CF Sweep

300 200 100

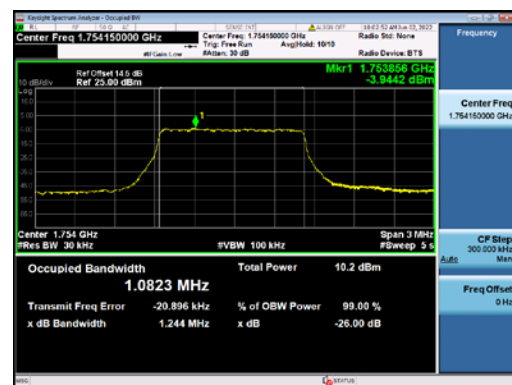
Auto

Max

Freq Offset

0 Hz

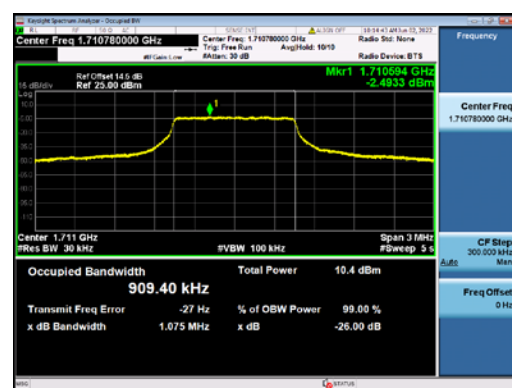
B4-3M-High CH-OBW-Q16



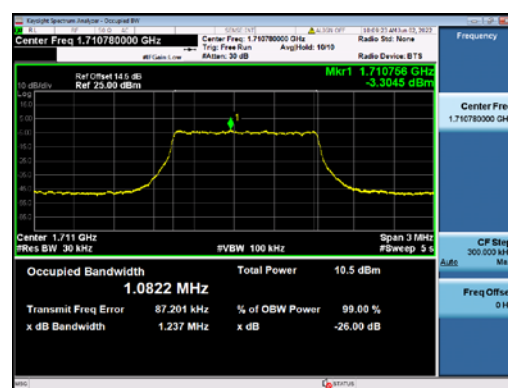
B4-3M-High CH-OBW-QPSK



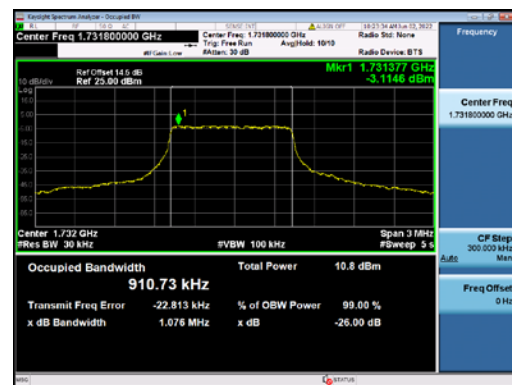
B4-3M-Low CH-OBW-Q16



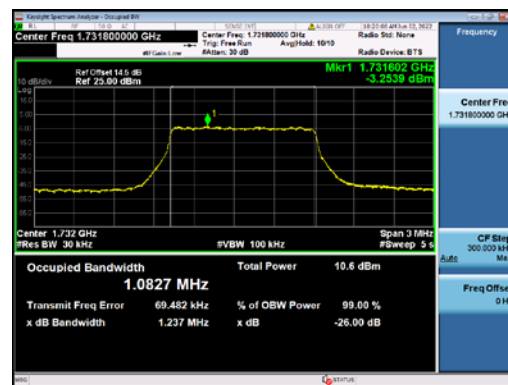
B4-3M-Low CH-OBW-QPSK



B4-3M-Mid CH-OBW-Q16



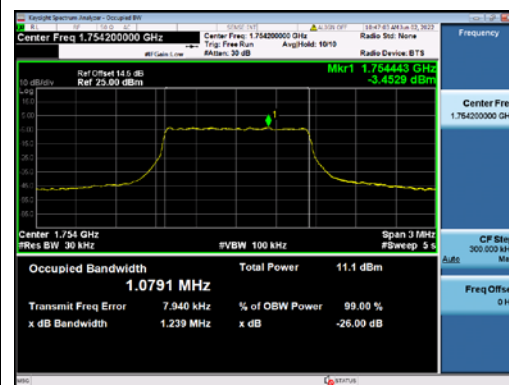
B4-3M-Mid CH-OBW-QPSK



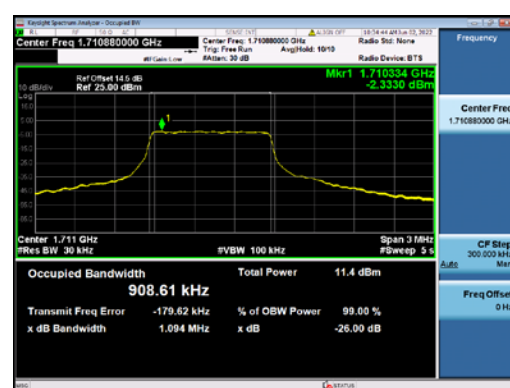
B4-5M-High CH-OBW-Q16



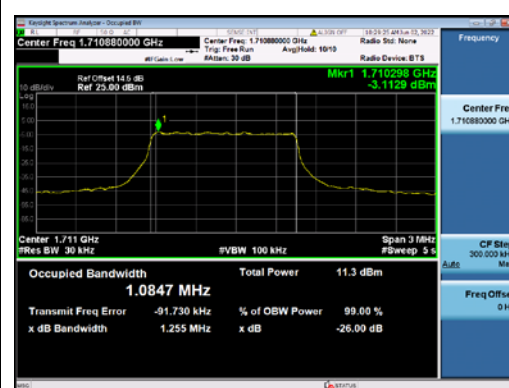
B4-5M-High CH-OBW-QPSK



B4-5M-Low CH-OBW-Q16



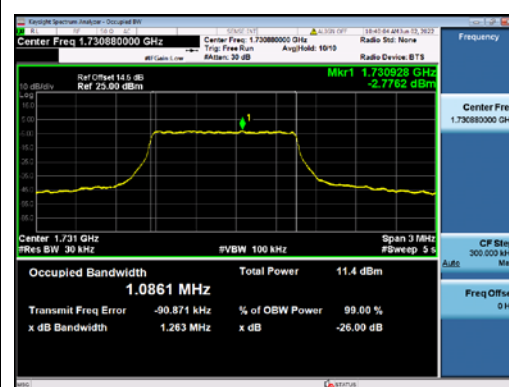
B4-5M-Low CH-OBW-QPSK



B4-5M-Mid CH-OBW-Q16



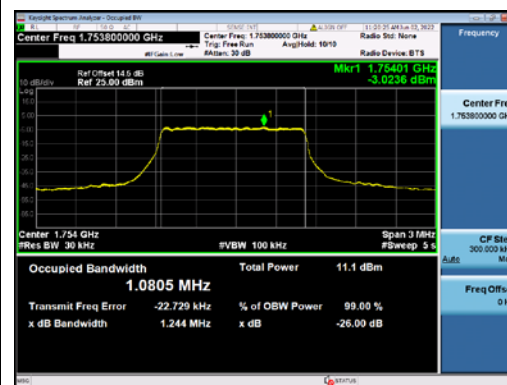
B4-5M-Mid CH-OBW-QPSK



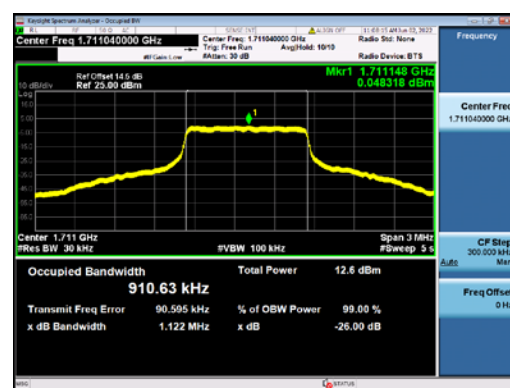
B4-10M-High CH-OBW-Q16



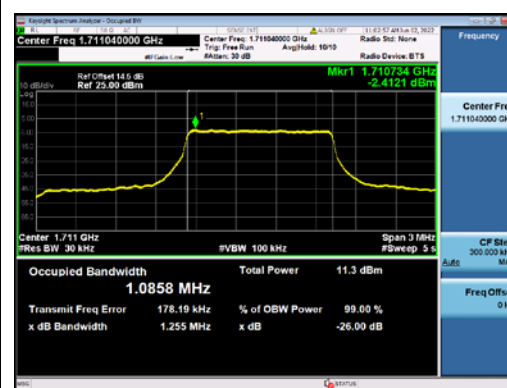
B4-10M-High CH-OBW-QPSK



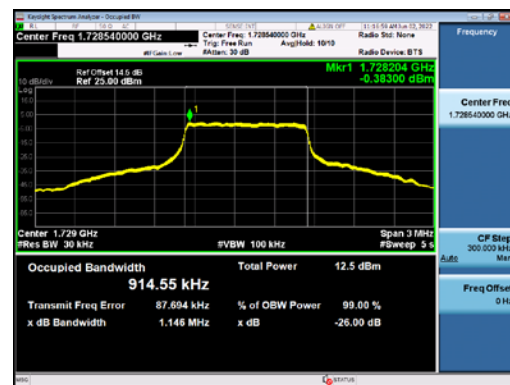
B4-10M-Low CH-OBW-Q16



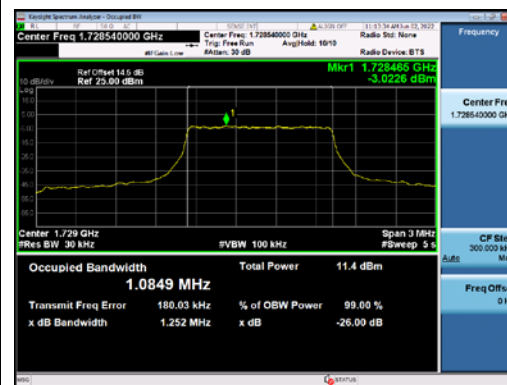
B4-10M-Low CH-OBW-QPSK



B4-10M-Mid CH-OBW-Q16



B4-10M-Mid CH-OBW-QPSK



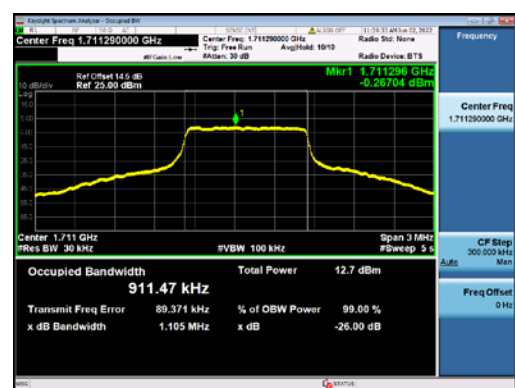
B4-15M-High CH-OBW-Q16



B4-15M-High CH-OBW-QPSK



B4-15M-Low CH-OBW-Q16



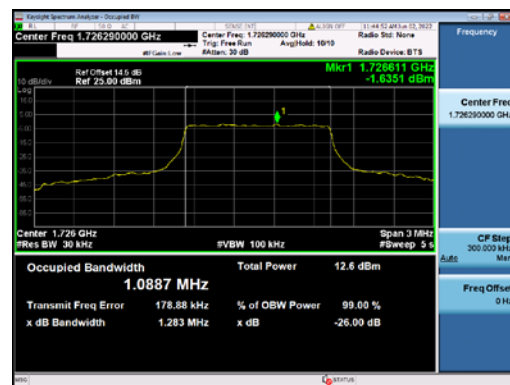
B4-15M-Low CH-OBW-QPSK



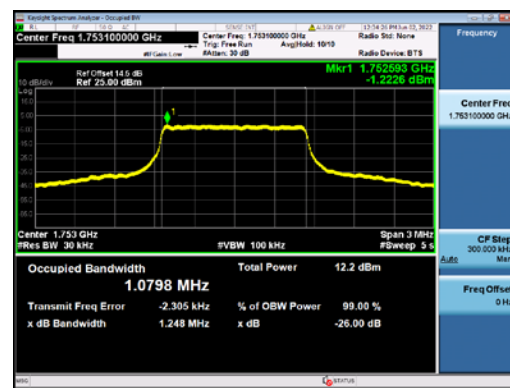
B4-15M-Mid CH-OBW-Q16



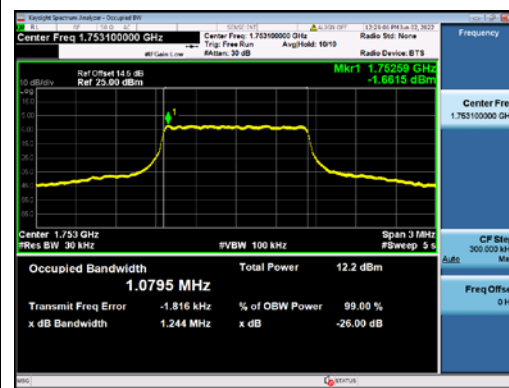
B4-15M-Mid CH-OBW-QPSK



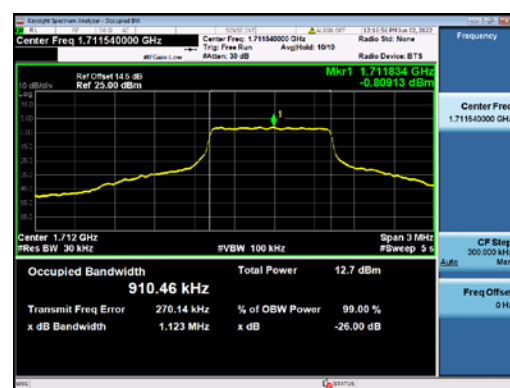
B4-20M-High CH-OBW-Q16



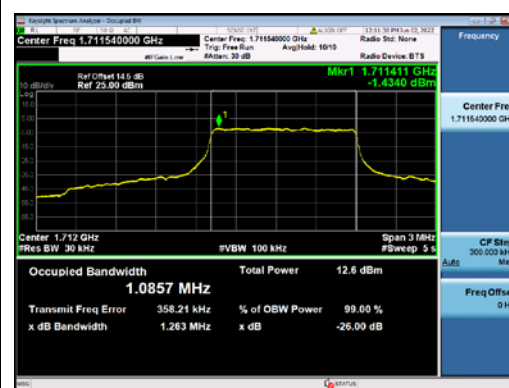
B4-20M-High CH-OBW-QPSK



B4-20M-Low CH-OBW-Q16



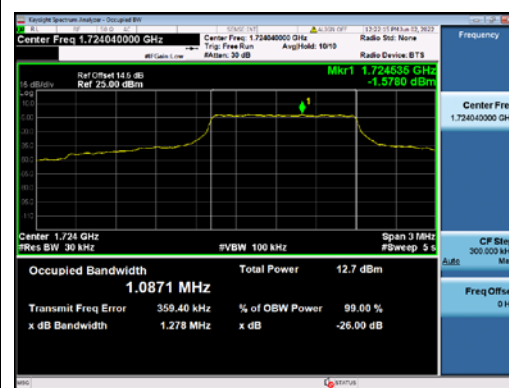
B4-20M-Low CH-OBW-QPSK



B4-20M-Mid CH-OBW-Q16



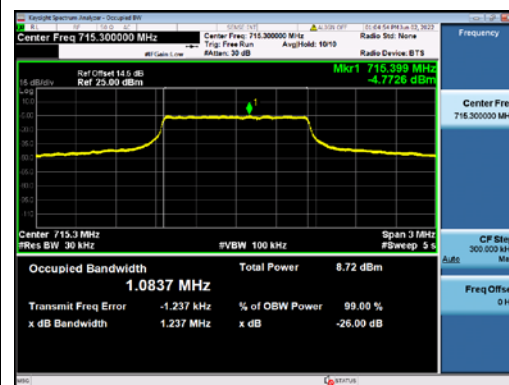
B4-20M-Mid CH-OBW-QPSK



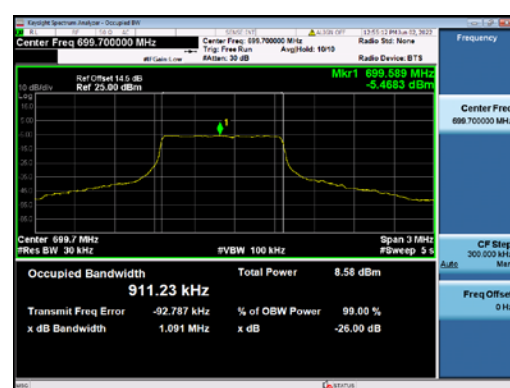
B12-1.4M-High CH-OBW-Q16



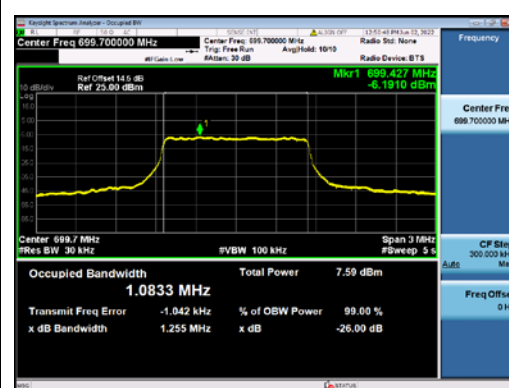
B12-1.4M-High CH-OBW-QPSK



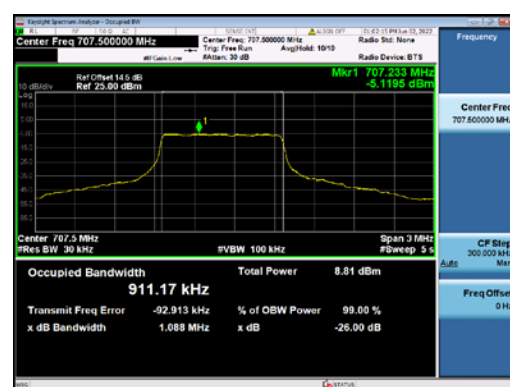
B12-1.4M-Low CH-OBW-Q16



B12-1.4M-Low CH-OBW-QPSK



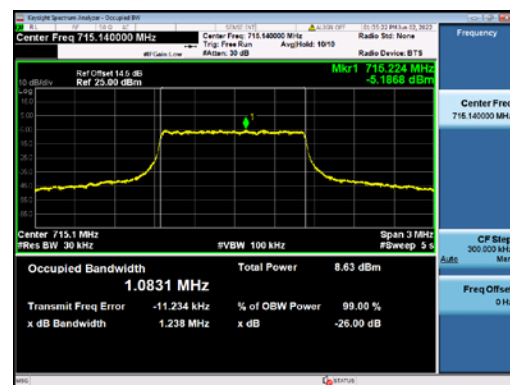
B12-1.4M-Mid CH-OBW-Q16



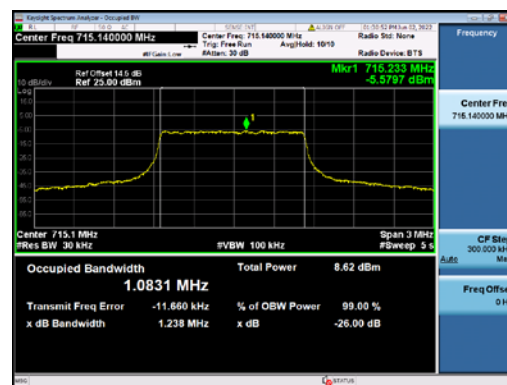
B12-1.4M-Mid CH-OBW-QPSK



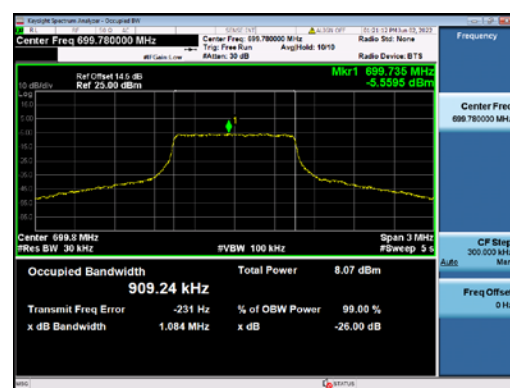
B12-3M-High CH-OBW-Q16



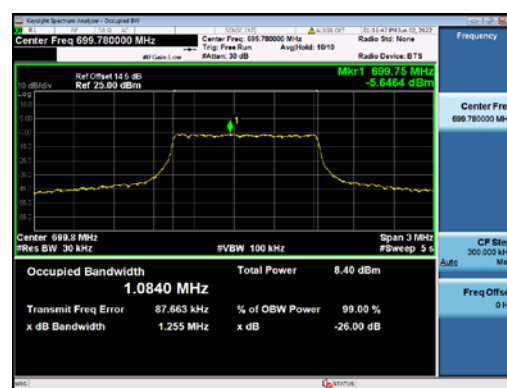
B12-3M-High CH-OBW-QPSK



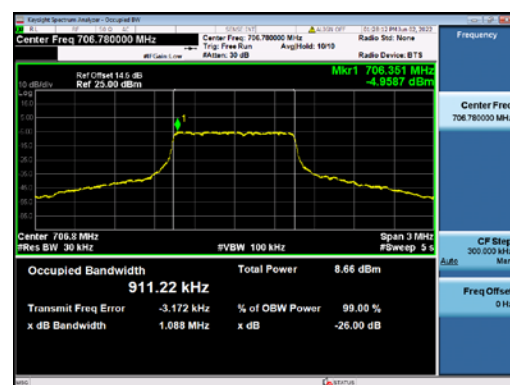
B12-3M-Low CH-OBW-Q16



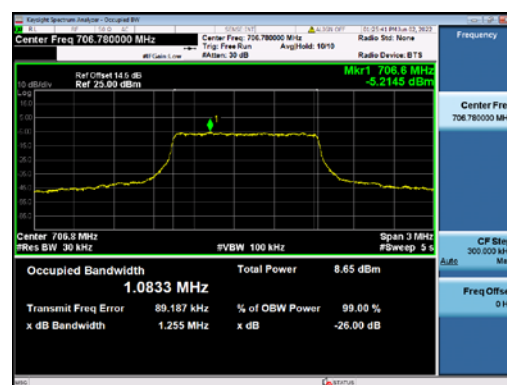
B12-3M-Low CH-OBW-QPSK



B12-3M-Mid CH-OBW-Q16



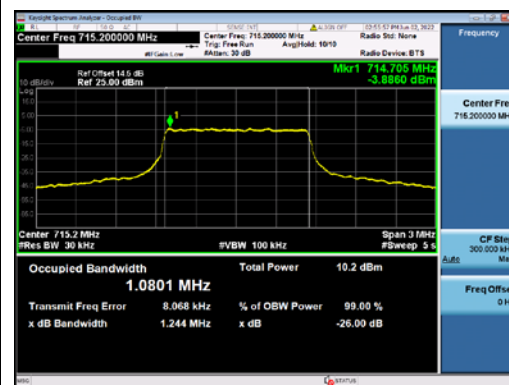
B12-3M-Mid CH-OBW-QPSK



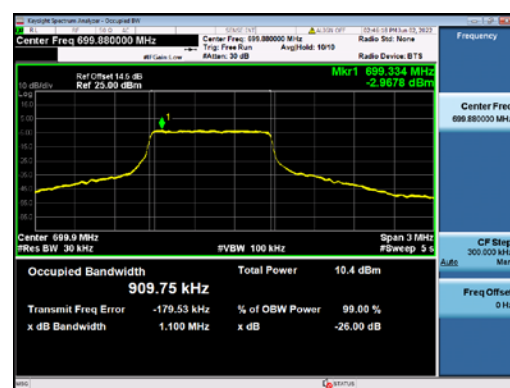
B12-5M-High CH-OBW-Q16



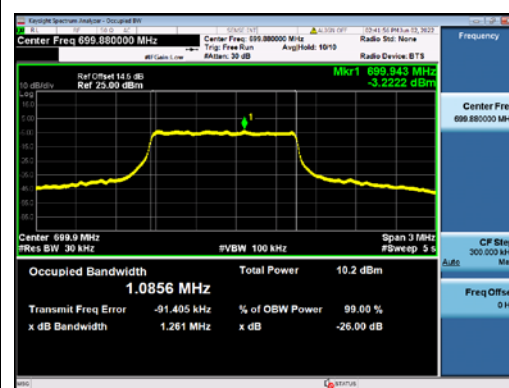
B12-5M-High CH-OBW-QPSK



B12-5M-Low CH-OBW-Q16



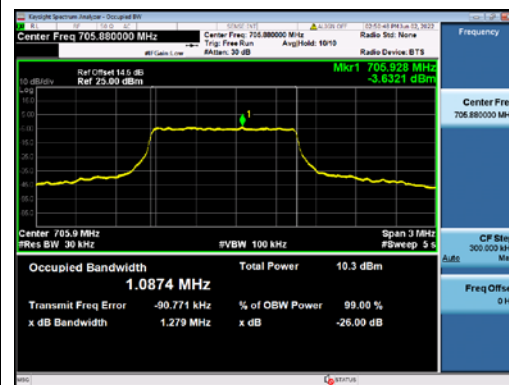
B12-5M-Low CH-OBW-QPSK



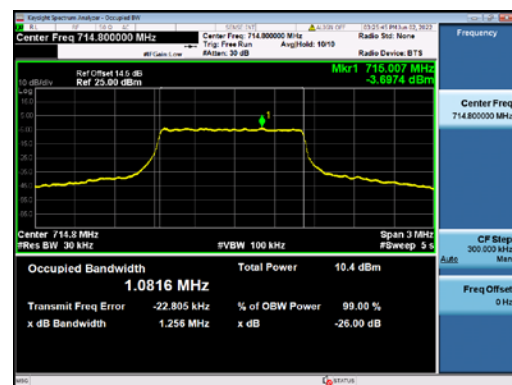
B12-5M-Mid CH-OBW-Q16



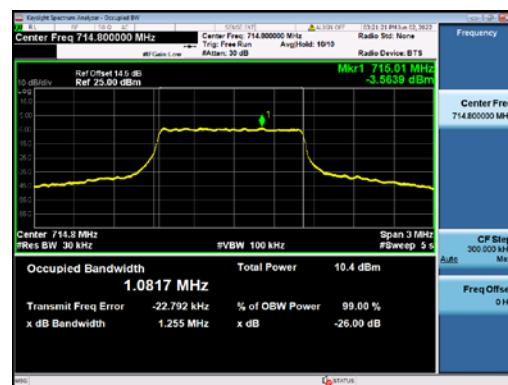
B12-5M-Mid CH-OBW-QPSK



B12-10M-High CH-OBW-Q16



B12-10M-High CH-OBW-QPSK



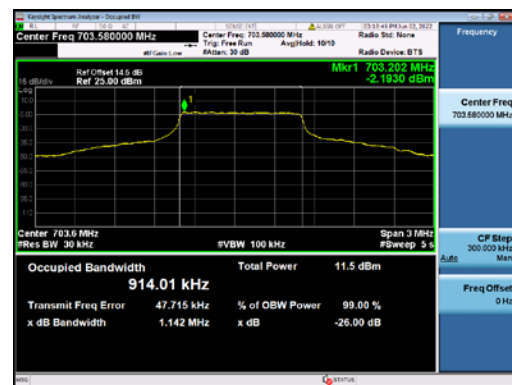
B12-10M-Low CH-OBW-Q16



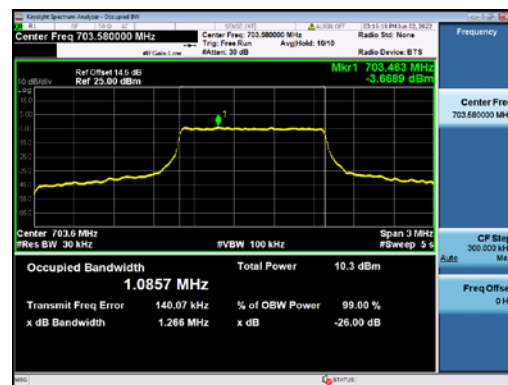
B12-10M-Low CH-OBW-QPSK



B12-10M-Mid CH-OBW-Q16



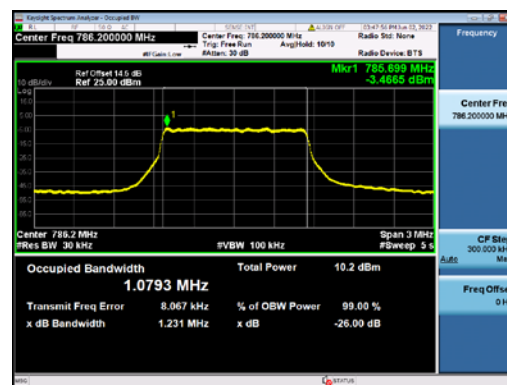
B12-10M-Mid CH-OBW-QPSK



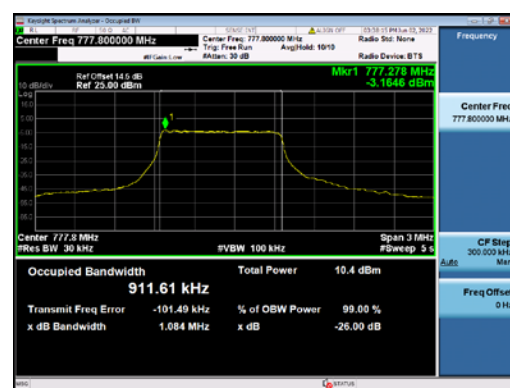
B13-5M-High CH-OBW-Q16



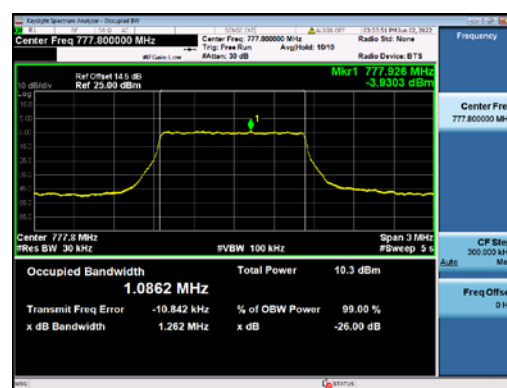
B13-5M-High CH-OBW-QPSK



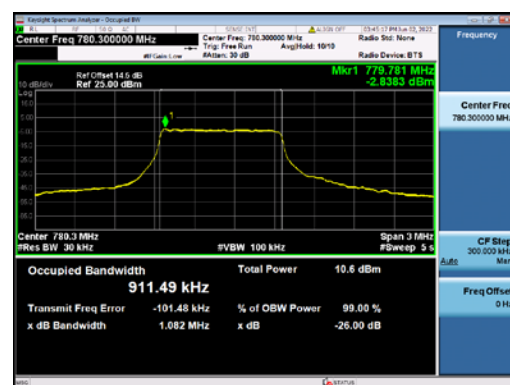
B13-5M-Low CH-OBW-Q16



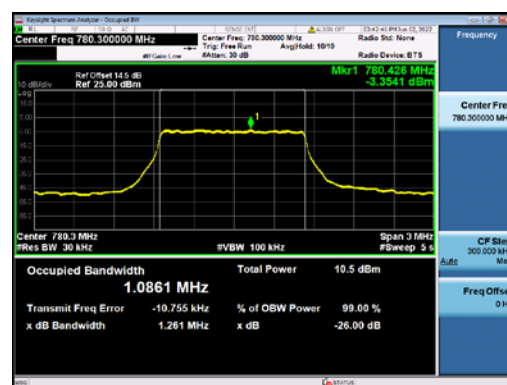
B13-5M-Low CH-OBW-QPSK



B13-5M-Mid CH-OBW-Q16



B13-5M-Mid CH-OBW-QPSK



B13-10M-Mid CH-OBW-Q16



B13-10M-Mid CH-OBW-QPSK

