

Keysight Spectrum Analyzer - Swept SA

SENSE: PULSE SOURCE: OFF

06:19:47 PM Oct 26, 2024

RBW 100 kHz

PRF: Wide IF Gain: Low

Trig: Free Run

Atten: 24 dB

Avg Type: Log-Pwr

Avg/Hold: >100/100

TYPE: SWEPT SA

DEF: RBW100

Ref Offset 17 dB

Ref 30.00 dBm

Mkr1 824.000 0 dBm

-22.620 dBm

10 dB/div

1.0

20.0

10.0

0.0

-10.0

-20.0

-30.0

-40.0

-50.0

824.000 MHz

824.500 MHz

Center 824.000 MHz

#Res BW 100 kHz

#VBW 300 kHz

Span 4.500 MHz

Sweep 1.000 ms (1001 pts)

Auto

Video BW 300 kHz

VBW: 3dB RBW 10.0

Span: 3dB RBW 106

RBW Control [Gaussian, -3 dB]

Highest channel



Keysight Spectrum Analyzer - Sweep SA

SENSE: PULSE | SOURCE: OFF

06:21:49 PM Oct 26, 2024

RBW 100 kHz

PNO: Wide | Trig: Free Run | Avg Log-Pwr | 06:21:49 PM
 IF Gain: Low | Atten: 24 dB | Avg/Hold: >100/100

TRACES: 10: 0.0 dB | TYPE: M | MWRW: 100 kHz
 DET: 10.0 dB

Ref Offset 17 dB
 Ref 30.00 dBm

Mkr1 824.000 0 MHz
-17.438 dBm

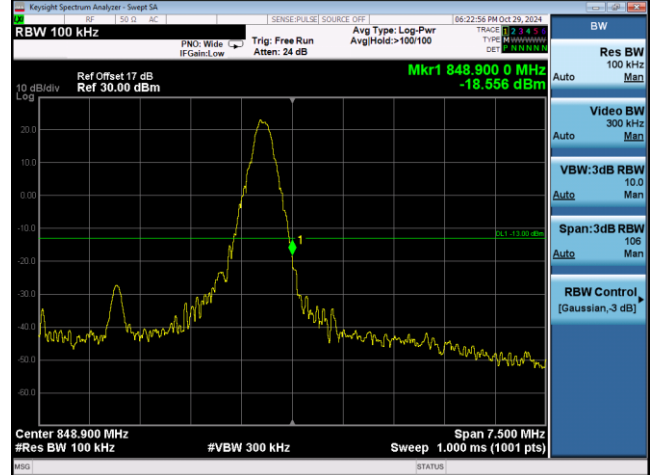
10 dB/Div
 Log

Center 824.000 MHz
 #Res BW 100 kHz
 #VBW 300 kHz
 Span 7.500 MHz
 Sweep 1.000 ms (1001 pts)

Traces List:

| Auto | BW | Man |
|------|------------------------------|-----|
| Auto | Res BW 100 kHz | Man |
| Auto | Video BW 300 kHz | Man |
| Auto | VBW: 3 dB RBW 10.0 | Man |
| Auto | Span: 3 dB RBW 106 | Man |
| Auto | RBW Control [Gaussian, 3 dB] | |

Highest channel

[illegible]

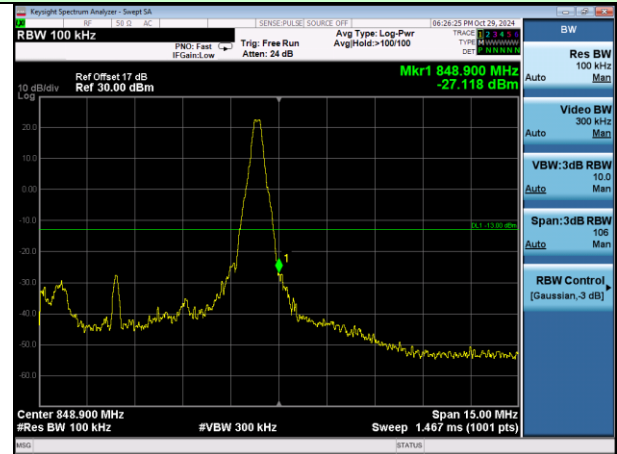
Highest channel



Test Mode: LTE Band 5 / 10MHz / 1RB / 16-QAM

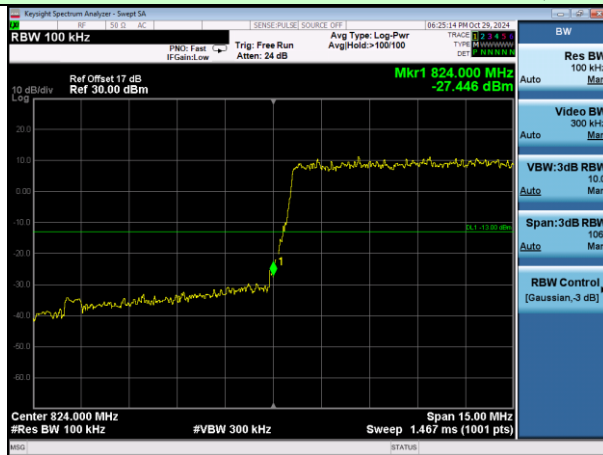


Lowest channel



Highest channel

Test Mode: LTE Band 5 / 10MHz / 50RB / 16-QAM

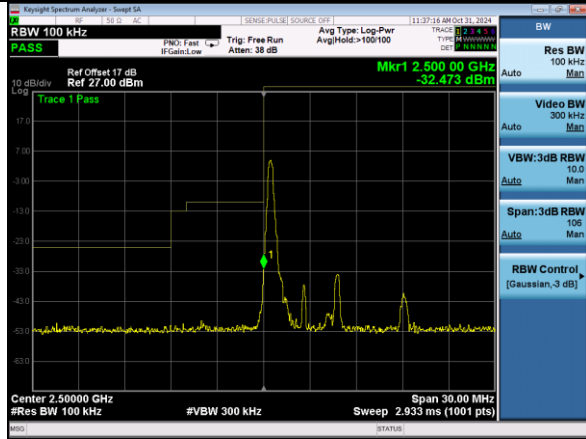


Lowest channel

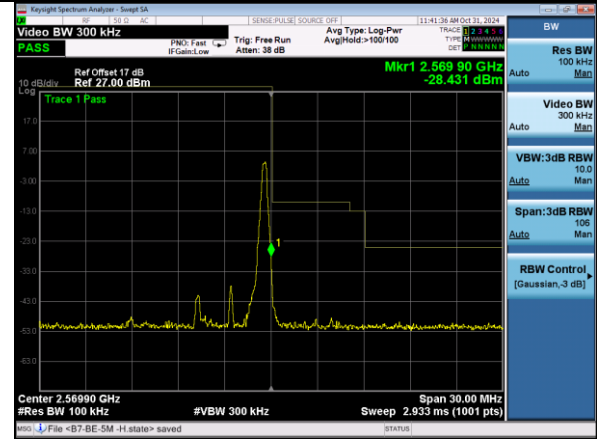


Highest channel

Test Mode: LTE Band 7 / 5MHz / 1RB / QPSK

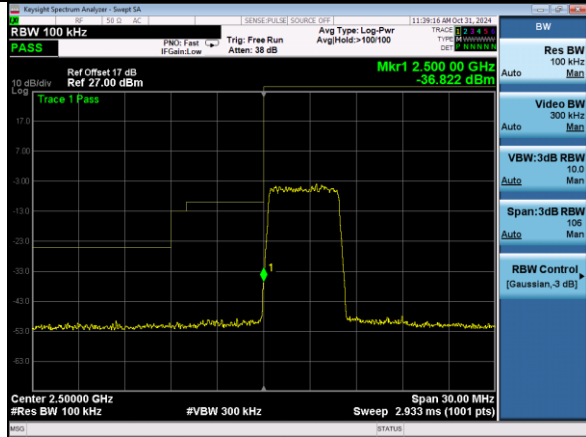


Lowest channel

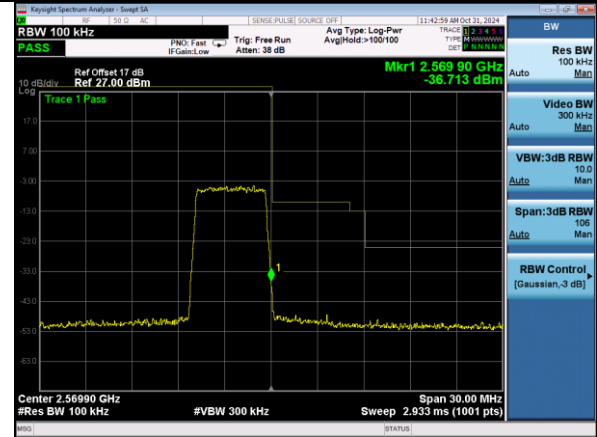


Highest channel

Test Mode: LTE Band 7 / 5MHz / 25RB / QPSK

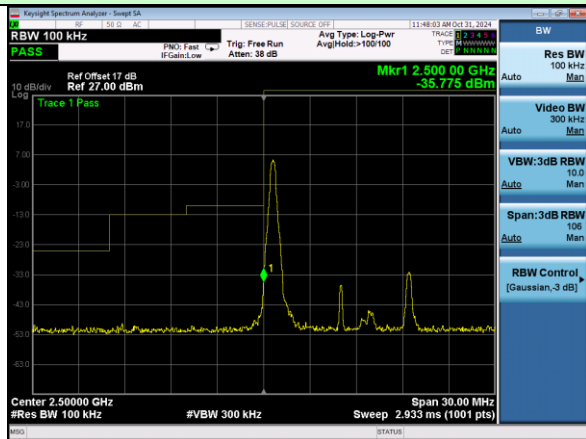


Lowest channel

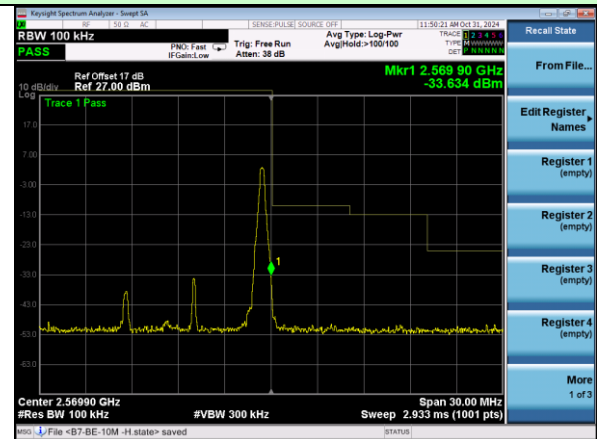


Highest channel

Test Mode: LTE Band 7 / 10MHz / 1RB / QPSK

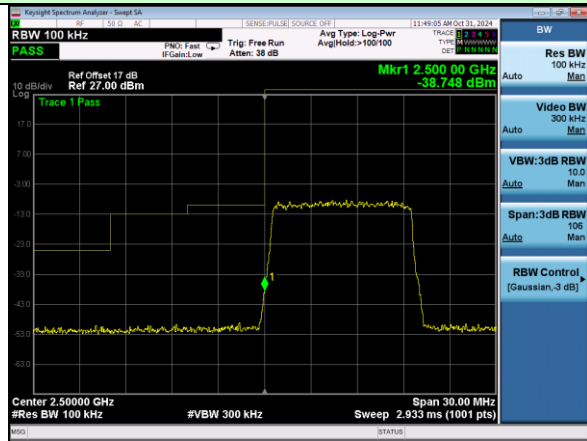


Lowest channel

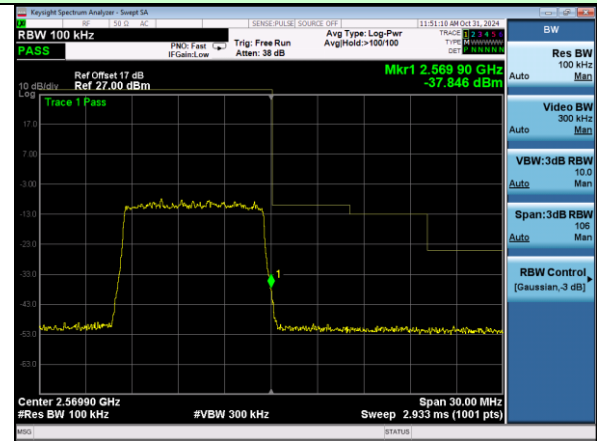


Highest channel

Test Mode: LTE Band 7 / 10MHz / 50RB / QPSK

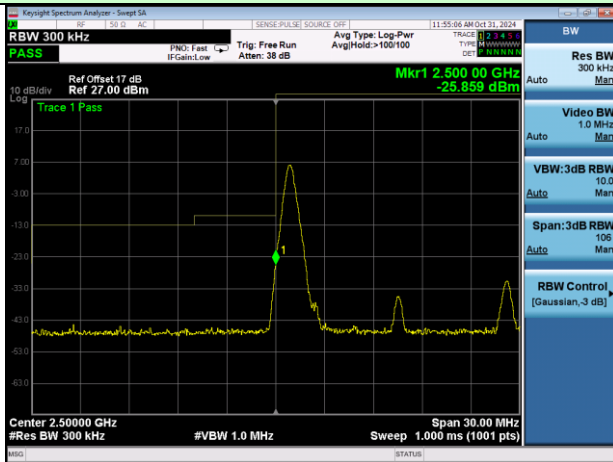


Lowest channel

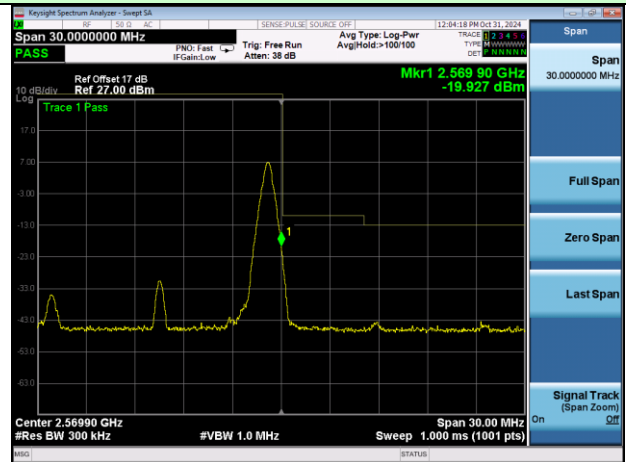


Highest channel

Test Mode: LTE Band 7 / 15MHz / 1RB / QPSK

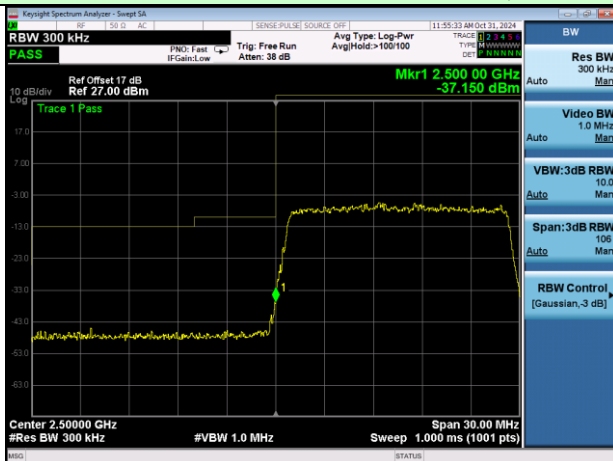


Lowest channel



Highest channel

Test Mode: LTE Band 7 / 15MHz / 75RB / QPSK

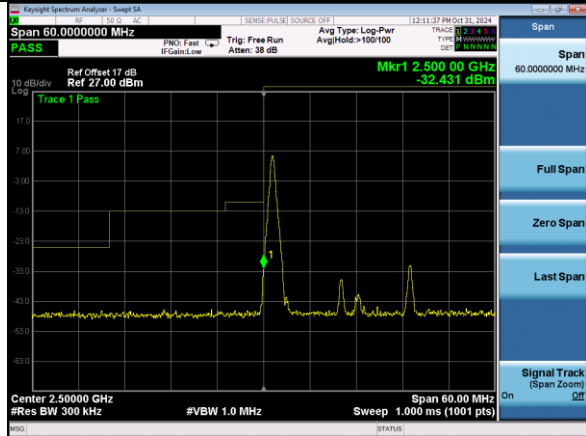


Lowest channel

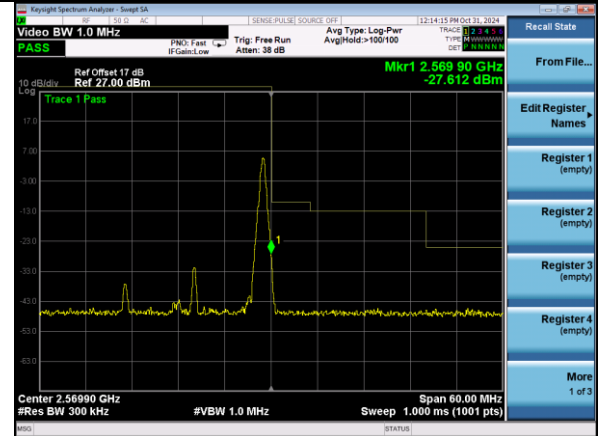


Highest channel

Test Mode: LTE Band 7 / 20MHz / 1RB / QPSK

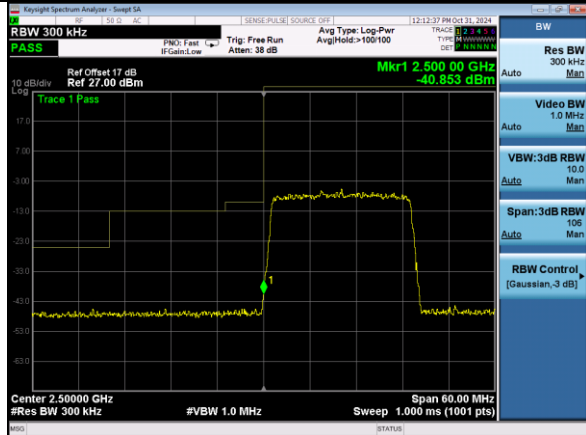


Lowest channel

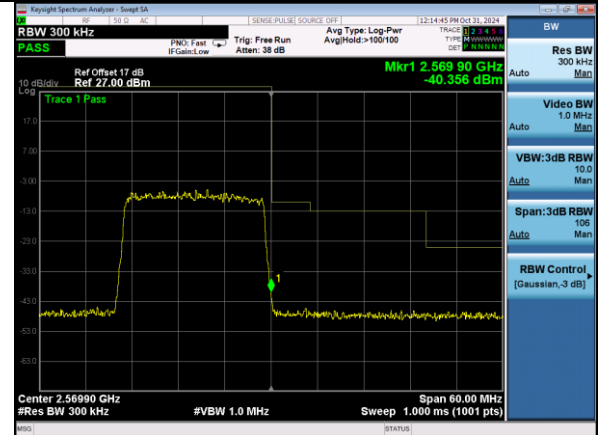


Highest channel

Test Mode: LTE Band 7 / 20MHz / 100RB / QPSK

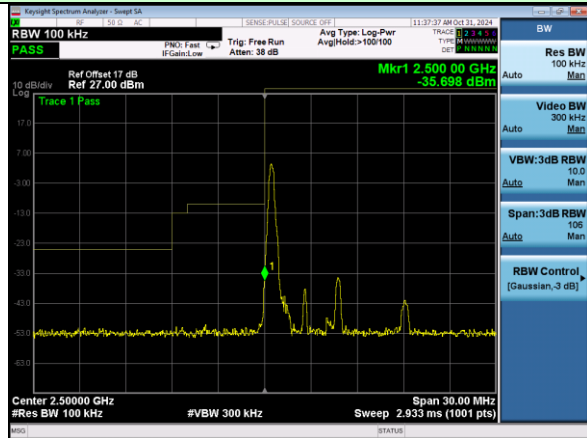


Lowest channel

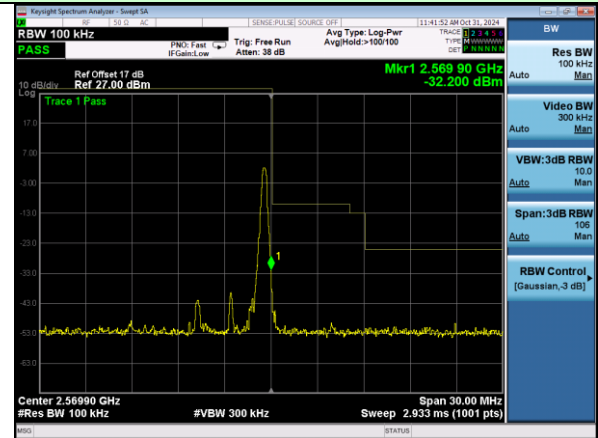


Highest channel

Test Mode: LTE Band 7 / 5MHz / 1RB / 16-QAM

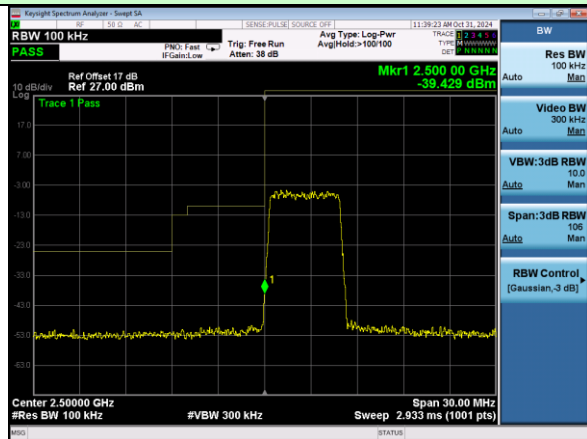


Lowest channel

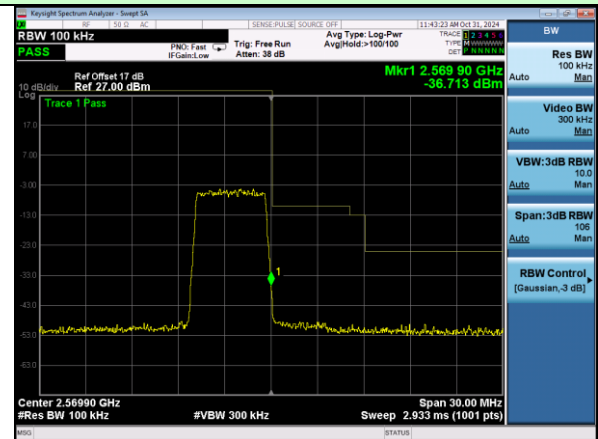


Highest channel

Test Mode: LTE Band 7 / 5MHz / 25RB / 16-QAM

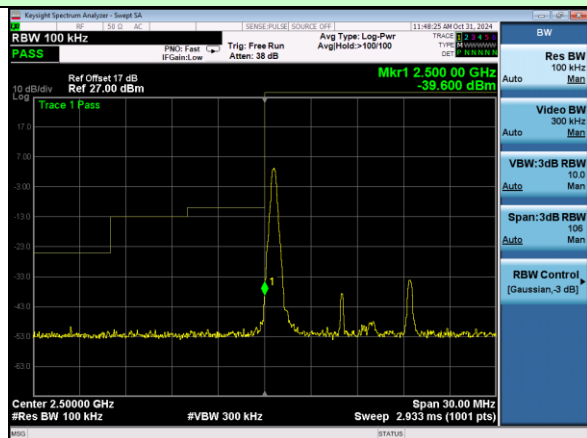


Lowest channel

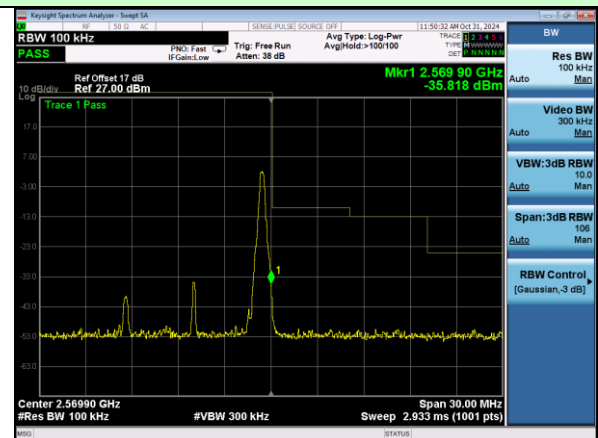


Highest channel

Test Mode: LTE Band 7 / 10MHz / 1RB / 16-QAM

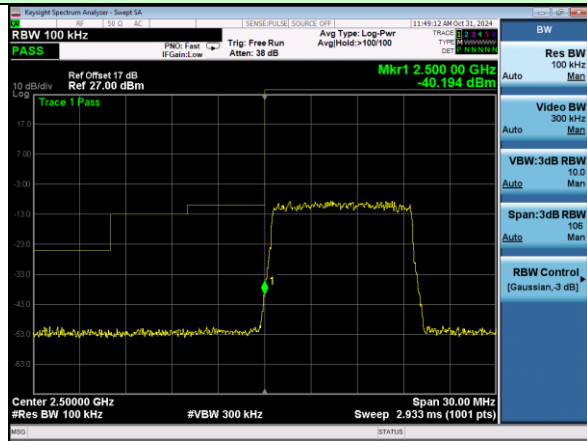


Lowest channel

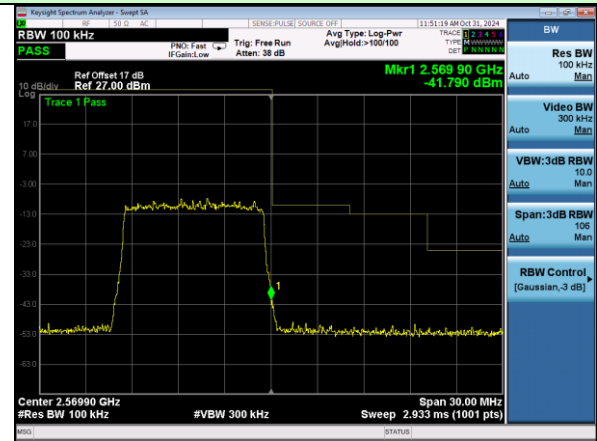


Highest channel

Test Mode: LTE Band 7 / 10MHz / 50RB / 16-QAM

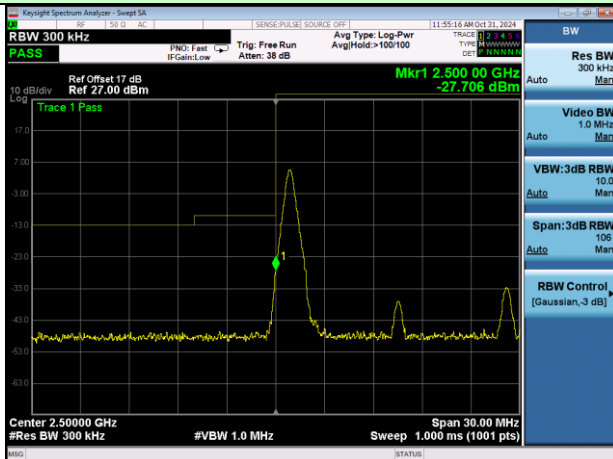


Lowest channel

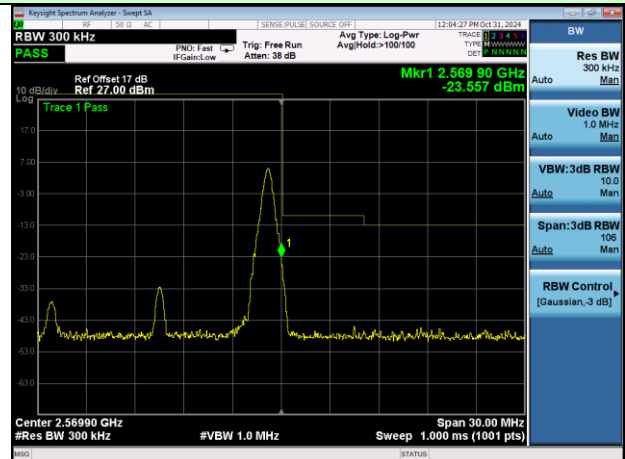


Highest channel

Test Mode: LTE Band 7 / 15MHz / 1RB / 16-QAM

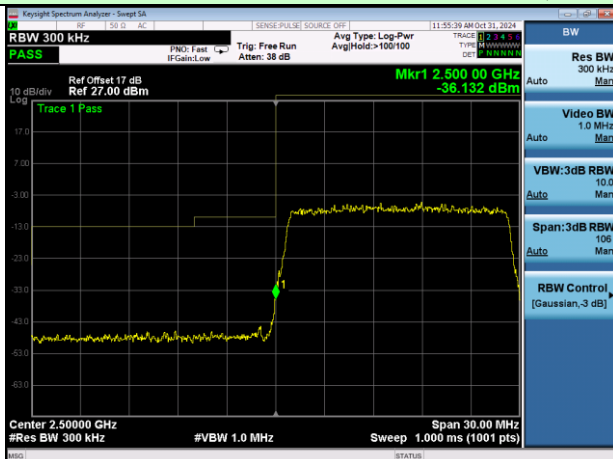


Lowest channel

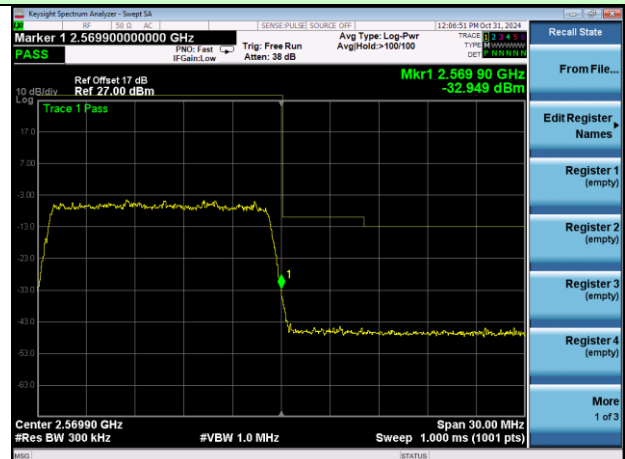


Highest channel

Test Mode: LTE Band 7 / 15MHz / 75RB / 16-QAM

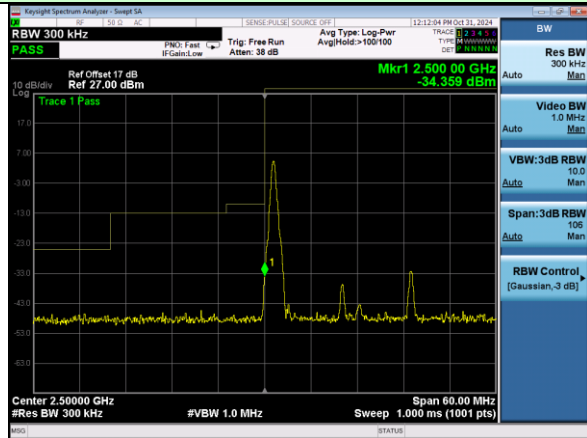


Lowest channel

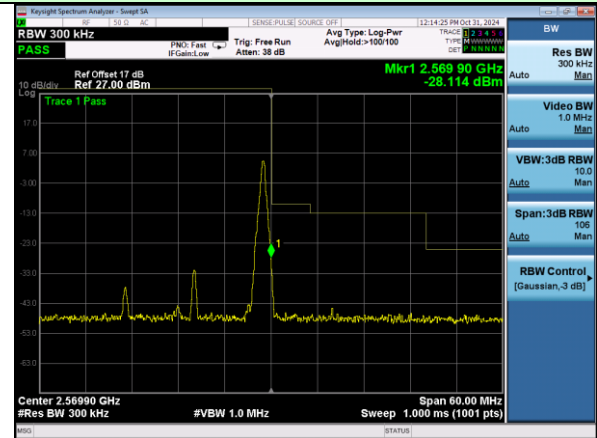


Highest channel

Test Mode: LTE Band 7 / 20MHz / 1RB / 16-QAM

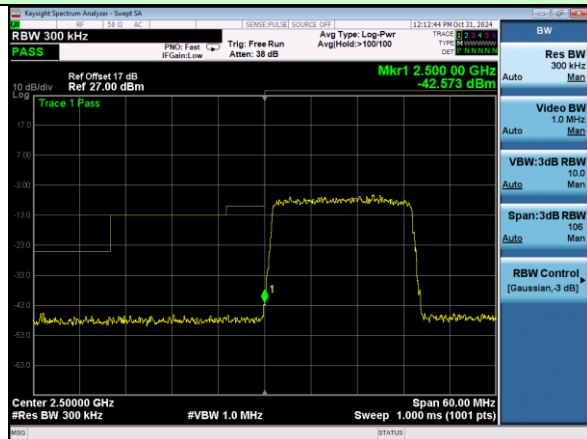


Lowest channel

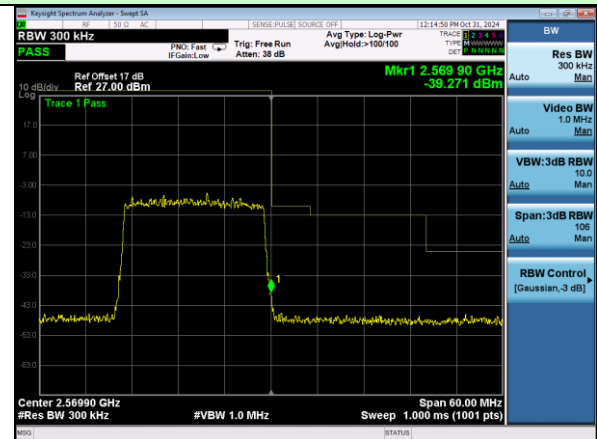


Highest channel

Test Mode: LTE Band 7 / 20MHz / 100RB / 16-QAM

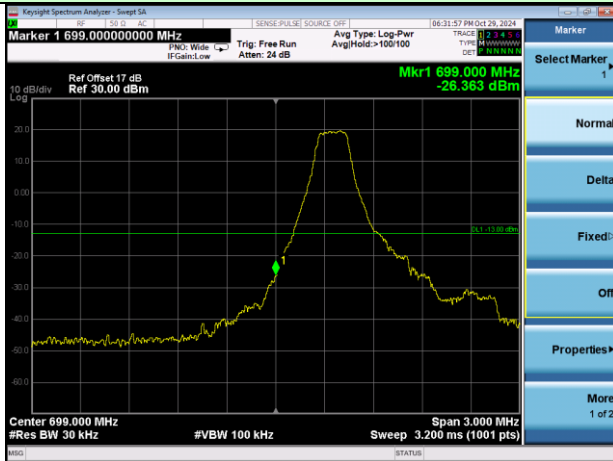


Lowest channel

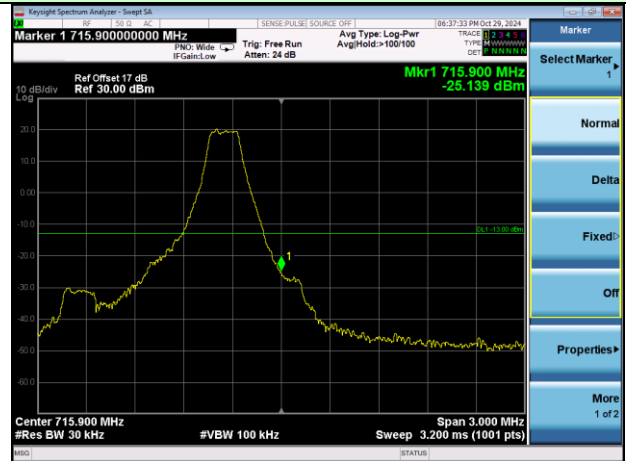


Highest channel

Test Mode: LTE Band 12 / 1.4MHz / 1RB / QPSK

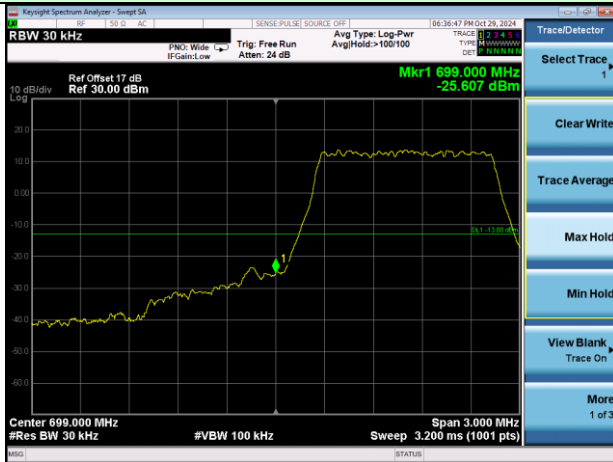


Lowest channel



Highest channel

Test Mode: LTE Band 12 / 1.4MHz / 6RB / QPSK

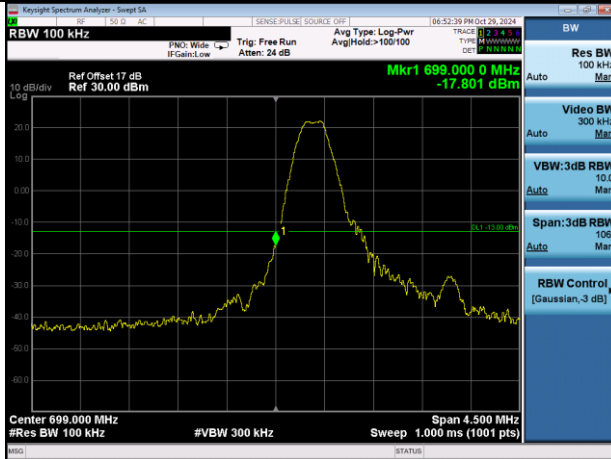


Lowest channel

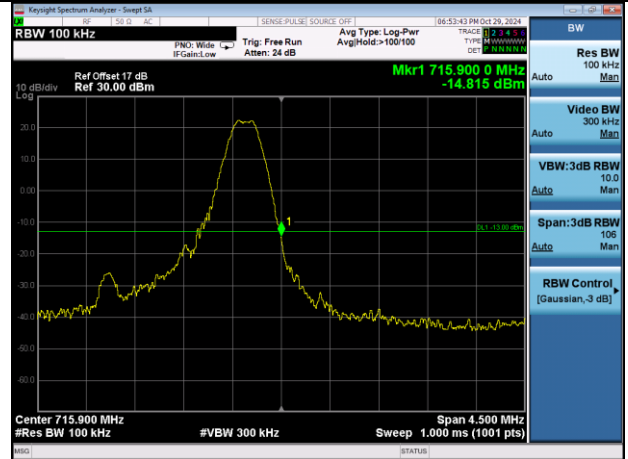


Highest channel

Test Mode: LTE Band 12 / 3MHz / 1RB / QPSK

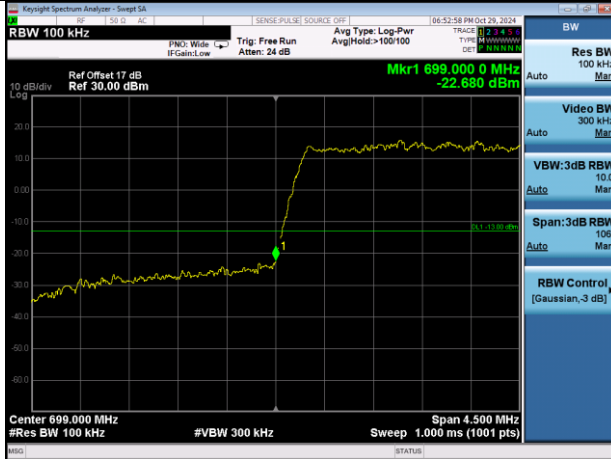


Lowest channel

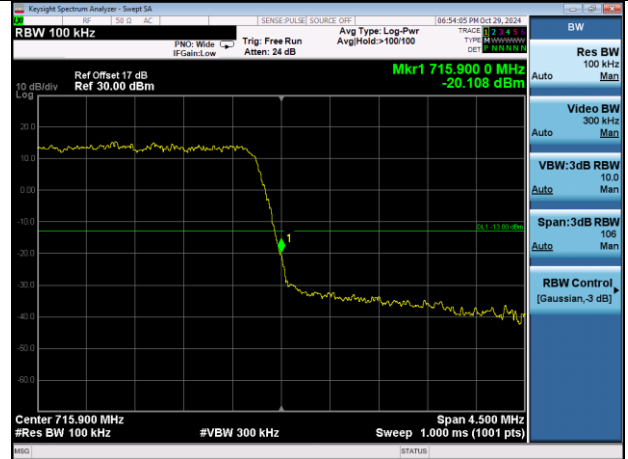


Highest channel

Test Mode: LTE Band 12 / 3MHz / 15RB / QPSK

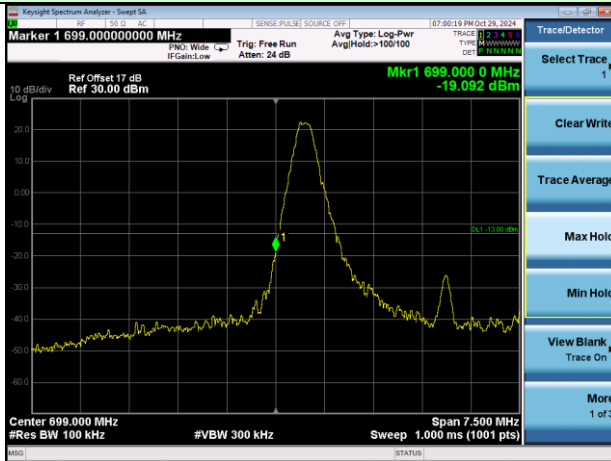


Lowest channel

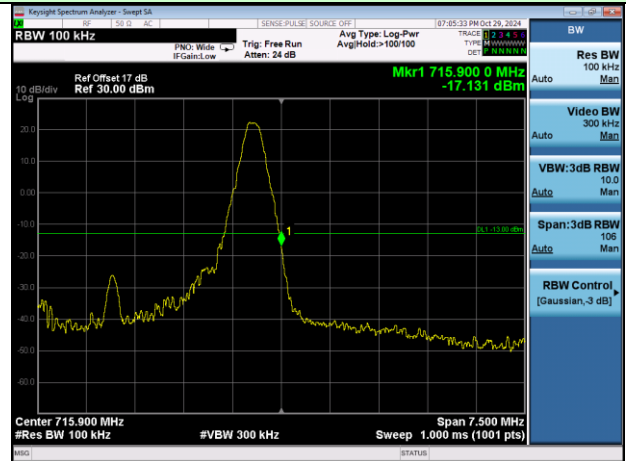


Highest channel

Test Mode: LTE Band 12 / 5MHz / 1RB / QPSK

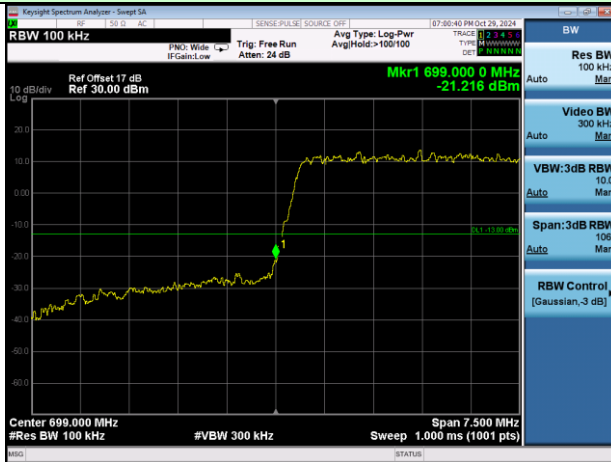


Lowest channel



Highest channel

Test Mode: LTE Band 12 / 5MHz / 25RB / QPSK



Lowest channel



Highest channel

Keysight Spectrum Analyzer - Sweep 55

REF BW 100 kHz

Ref Offset 17 dB
Ref 30.00 dBm

Trig: Free Run
Atten: 24 dB

Mrk1 699.000 MHz
-24.565 dBm

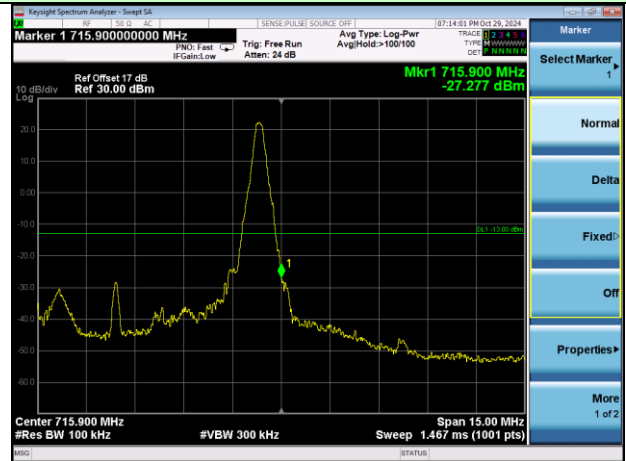
Center 699.000 MHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.467 ms (1001 pts)

Span 15.00 MHz

Channels:

- BW: Res BW 100 kHz, Auto, Man
- Video BW: 300 kHz, Auto, Man
- VBW: 3dB BW 10.0, Auto, Man
- Span: 3dB BW 106, Auto, Man
- RBW Control: [Gaussian, -3 dB]

Highest channel



Keysight Spectrum Analyzer - Sweep 1

SENSE-PULSE SOURCE OFF

07:12:04 PM 01/29/2024

RBW 100 kHz

PMW Fast IF Gain Low

Trig: Free Run

Avg Type: Log-Pwr

Avg/Hold: 100/100

TYPE H

DEF

Ref Offset 17 dB

Ref 30.00 dBm

Mkr1 699.000 MHz

-24.154 dBm

10 dB/div

1.00

20.00

30.00

40.00

50.00

60.00

70.00

80.00

90.00

100.00

110.00

120.00

130.00

140.00

150.00

160.00

170.00

180.00

190.00

200.00

210.00

220.00

230.00

240.00

250.00

260.00

270.00

280.00

290.00

300.00

310.00

320.00

330.00

340.00

350.00

360.00

370.00

380.00

390.00

400.00

410.00

420.00

430.00

440.00

450.00

460.00

470.00

480.00

490.00

500.00

510.00

520.00

530.00

540.00

550.00

560.00

570.00

580.00

590.00

600.00

610.00

620.00

630.00

640.00

650.00

660.00

670.00

680.00

690.00

700.00

710.00

720.00

730.00

740.00

750.00

760.00

770.00

780.00

790.00

800.00

810.00

820.00

830.00

840.00

850.00

860.00

870.00

880.00

890.00

900.00

910.00

920.00

930.00

940.00

950.00

960.00

970.00

980.00

990.00

1000.00

1010.00

1020.00

1030.00

1040.00

1050.00

1060.00

1070.00

1080.00

1090.00

1100.00

1110.00

1120.00

1130.00

1140.00

1150.00

1160.00

1170.00

1180.00

1190.00

1200.00

1210.00

1220.00

1230.00

1240.00

1250.00

1260.00

1270.00

1280.00

1290.00

1300.00

1310.00

1320.00

1330.00

1340.00

1350.00

1360.00

1370.00

1380.00

1390.00

1400.00

1410.00

1420.00

1430.00

1440.00

1450.00

1460.00

1470.00

1480.00

1490.00

1500.00

1510.00

1520.00

1530.00

1540.00

1550.00

1560.00

1570.00

1580.00

1590.00

1600.00

1610.00

1620.00

1630.00

1640.00

1650.00

1660.00

1670.00

1680.00

1690.00

1700.00

1710.00

1720.00

1730.00

1740.00

1750.00

1760.00

1770.00

1780.00

1790.00

1800.00

1810.00

1820.00

1830.00

1840.00

1850.00

1860.00

1870.00

1880.00

1890.00

1900.00

1910.00

1920.00

1930.00

1940.00

1950.00

1960.00

1970.00

1980.00

1990.00

2000.00

2010.00

2020.00

2030.00

2040.00

2050.00

2060.00

2070.00

2080.00

2090.00

2100.00

2110.00

2120.00

2130.00

2140.00

2150.00

2160.00

2170.00

2180.00

2190.00

2200.00

2210.00

2220.00

2230.00

2240.00

2250.00

2260.00

2270.00

2280.00

2290.00

2300.00

2310.00

2320.00

2330.00

2340.00

2350.00

2360.00

2370.00

2380.00

2390.00

2400.00

2410.00

2420.00

2430.00

2440.00

2450.00

2460.00

2470.00

2480.00

2490.00

2500.00

2510.00

2520.00

2530.00

2540.00

2550.00

2560.00

2570.00

2580.00

2590.00

2600.00

2610.00

2620.00

2630.00

2640.00

2650.00

2660.00

2670.00

2680.00

2690.00

2700.00

2710.00

2720.00

2730.00

2740.00

2750.00

2760.00

2770.00

2780.00

2790.00

2800.00

2810.00

2820.00

2830.00

2840.00

2850.00

2860.00

2870.00

2880.00

2890.00

2900.00

2910.00

2920.00

2930.00

2940.00

2950.00

2960.00

2970.00

2980.00

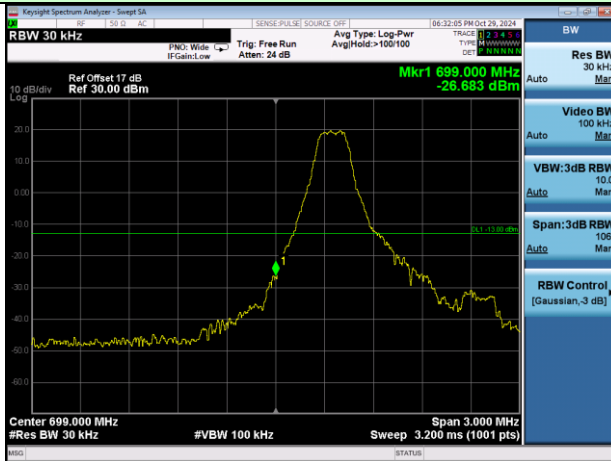
2990.00

3000.00

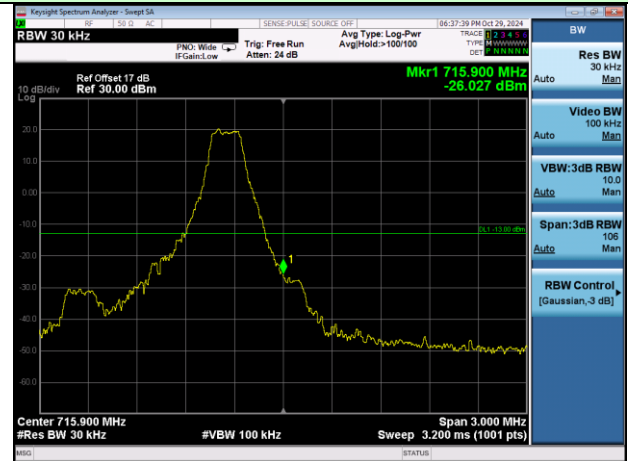
Highest channel



Test Mode: LTE Band 12 / 1.4MHz / 1RB / 16-QAM



Lowest channel



Highest channel

Test Mode: LTE Band 12 / 1.4MHz / 6RB / 16-QAM

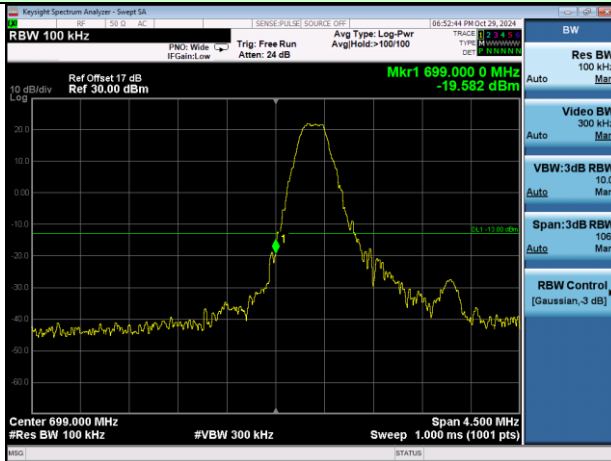


Lowest channel

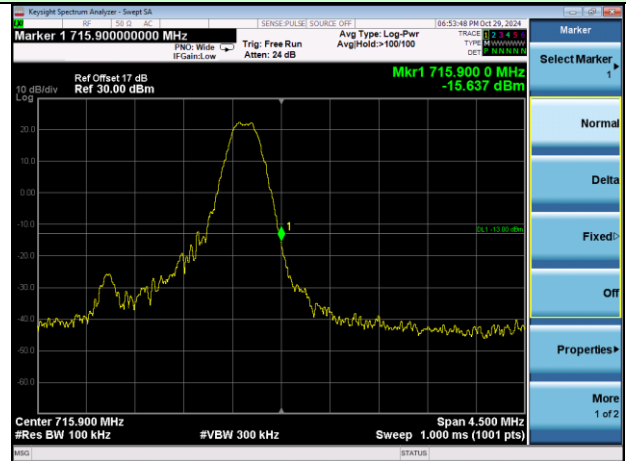


Highest channel

Test Mode: LTE Band 12 / 3MHz / 1RB / 16-QAM

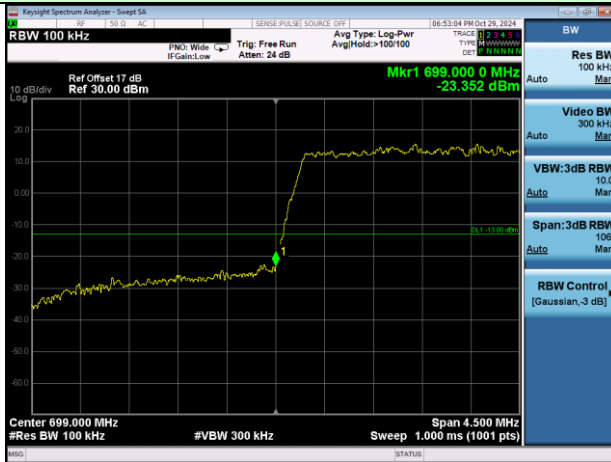


Lowest channel



Highest channel

Test Mode: LTE Band 12 / 3MHz / 15RB / 16-QAM



Lowest channel



Highest channel

Keysight Spectrum Analyzer - Sweep 55

07:00:23 PM 04/19/2024

RBW 100 kHz

Trig: Free Run

Avg Type: Log-Pwr

Avg Hold: >100/100

Trace: RBW 100 kHz

TYPE: H (HARDCORE)

DEF: 100000000

Ref Offset 17 dB

Ref 30.00 dBm

Mkr1 699.000 0 MHz

-21.298 dBm

10 dB/div

Log

Center 699.000 MHz

Span 7.500 MHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.000 ms (1001 pts)

Auto

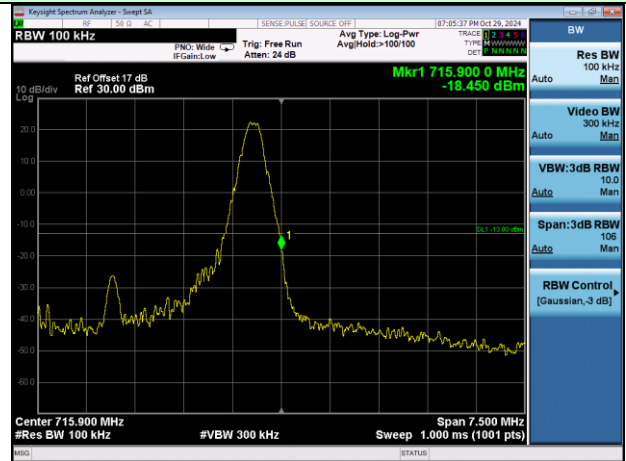
Video BW 300 kHz

VBW:3dB RBW 10.0

Span:3dB RBW 106

RBW Control [Gaussian, -3 dB]

Highest channel



Keysight Spectrum Analyzer - Sweep 55

07:00:45 PM 04/19/2024

RBW 100 kHz

PNW: Wide IF Gain: Low

Trig: Free Run

Avg Type: Log-Pwr

Avg Hold: 100/100

Attenu: 24 dB

Trace 1: 699.000 MHz

Type: H

Def: 100.000 MHz

Ref Offset 17 dB

Ref 30.00 dBm

Mkr1 699.000 0 dBm -22.148 dBm

10 dB/div

10.0

20.0

30.0

40.0

50.0

60.0

70.0

80.0

90.0

100.0

110.0

120.0

130.0

140.0

150.0

160.0

170.0

180.0

190.0

200.0

210.0

220.0

230.0

240.0

250.0

260.0

270.0

280.0

290.0

300.0

310.0

320.0

330.0

340.0

350.0

360.0

370.0

380.0

390.0

400.0

410.0

420.0

430.0

440.0

450.0

460.0

470.0

480.0

490.0

500.0

510.0

520.0

530.0

540.0

550.0

560.0

570.0

580.0

590.0

600.0

610.0

620.0

630.0

640.0

650.0

660.0

670.0

680.0

690.0

700.0

710.0

720.0

730.0

740.0

750.0

760.0

770.0

780.0

790.0

800.0

810.0

820.0

830.0

840.0

850.0

860.0

870.0

880.0

890.0

900.0

910.0

920.0

930.0

940.0

950.0

960.0

970.0

980.0

990.0

1000.0

1010.0

1020.0

1030.0

1040.0

1050.0

1060.0

1070.0

1080.0

1090.0

1100.0

1110.0

1120.0

1130.0

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1170.0

1180.0

1190.0

1200.0

1210.0

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1990.0

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2010.0

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2090.0

2100.0

2110.0

2120.0

2130.0

2140.0

2150.0

2160.0

2170.0

2180.0

2190.0

2200.0

2210.0

2220.0

2230.0

2240.0

2250.0

2260.0

2270.0

2280.0

2290.0

2300.0

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2970.0

2980.0

2990.0

3000.0

3010.0

3020.0

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3040.0

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3060.0

3070.0

3080.0

Highest channel

