



Plot 8-591. Conducted Spurious Emission Plot 9 kHz to 150 kHz



Plot 8-593. Conducted Spurious Emission Plot 30 MHz to 735 MHz

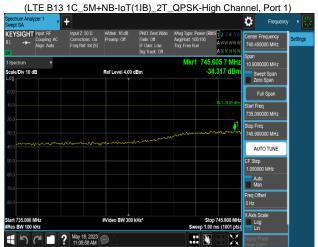
(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)



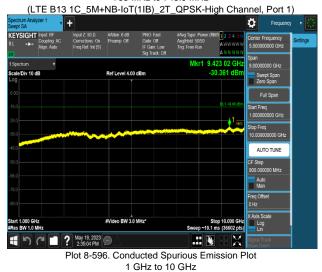
Plot 8-595. Conducted Spurious Emission Plot 756.1 MHz to 1 GHz (LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)



Plot 8-592. Conducted Spurious Emission Plot 150 kHz to 30 MHz



Plot 8-594. Conducted Spurious Emission Plot 735 MHz to 745.9 MHz



(LTE B13 1C\_5M+NB-IoT(1IB)\_2T\_QPSK-High Channel, Port 1)

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Plot 8-597. Conducted Spurious Emission Plot 9 kHz to 150 kHz



Plot 8-599. Conducted Spurious Emission Plot 30 MHz to 735 MHz

(LTE B13 1C\_10M+NB-IoT(2GB)\_2T\_QPSK-Mid Channel, Port 0)



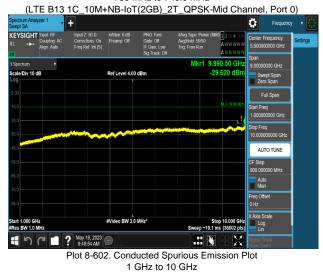
Plot 8-601. Conducted Spurious Emission Plot 756.1 MHz to 1 GHz (LTE B13 1C\_10M+NB-IoT(2GB)\_2T\_QPSK-Mid Channel, Port 0)



Plot 8-598. Conducted Spurious Emission Plot 150 kHz to 30 MHz



Plot 8-600. Conducted Spurious Emission Plot 735 MHz to 745.9 MHz



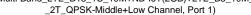
(LTE B13 1C\_10M+NB-IoT(2GB)\_2T\_QPSK-Mid Channel, Port 0)

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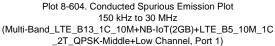




Plot 8-603. Conducted Spurious Emission Plot 9 kHz to 150 kHz (Multi-Band\_LTE\_B13\_1C\_10M+NB-IoT(2GB)+LTE\_B5\_10M\_1C







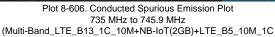


Plot 8-605. Conducted Spurious Emission Plot 30 MHz to 735 MHz (Multi-Band\_LTE\_B13\_1C\_10M+NB-IoT(2GB)+LTE\_B5\_10M\_1C

2T\_QPSK-Middle+Low Channel, Port 1) Ö + KEYSIGHT Input R requency 000 MHz 756.10 M -19.520 dl Ref Level 4.00 dBm Div 10 dB Swept Span Zero Span Full Span Start Freq 756.100000 MHz AUTO TUNE Step 190000 MH: Auto Man Freq Offset 0 Hz X Axis Scal Start 756.10 MHz Res BW 100 kHz #Video BW 300 kHz Stop 868.00 MH Sweep 5.37 ms (2239 pt Log Lin May 21, 2023
May 21, 2023
11:34:59 PM X

Plot 8-607. Conducted Spurious Emission Plot 756.1 MHz to 868 GHz (Multi-Band\_LTE\_B13\_1C\_10M+NB-IoT(2GB)+LTE\_B5\_10M\_1C \_2T\_QPSK-Middle+Low Channel, Port 1)





\_2T\_QPSK-Middle+Low Channel, Port 1)



Plot 8-608. Conducted Spurious Emission Plot 895 MHz to 1 GHz (Multi-Band\_LTE\_B13\_1C\_10M+NB-IoT(2GB)+LTE\_B5\_10M\_1C \_2T\_QPSK-Middle+Low Channel, Port 1)

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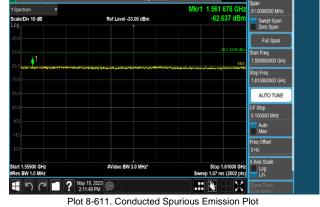




Plot 8-609. Conducted Spurious Emission Plot 1 GHz to 10 GHz (Multi-Band\_LTE B13\_LTE 10M+NB-IoT(2GB)\_1C+B5\_LTE\_10M\_1C

\_2T\_QPSK-Middle+Low Channel, Port 1)





1 559 MHz to 1 610 MHz

10M\_2T\_16QAM - Middle Channel, Port 0)

(LTE B13\_1C\_

+

Input Z: 50 0 Corrections: On Freq Ref: Int (S

KEYSIGHT

ale/Div 10 dB

**§**1

Ö

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1.610

Auto Man

req Offset

Log Lin

1.561 804 GI

62.772 dE

Frequ

ter Frequency

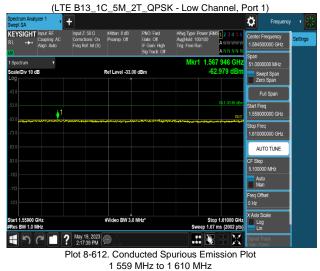
00 MH:

Swept Span Zero Span

AUTO TUNE CF Step 99000 MHz

Freq

Plot 8-610. Conducted Spurious Emission Plot 1 559 MHz to 1 610 MHz



(LTE B13\_2C\_5M+5M\_2T\_QPSK - Middle Channel, Port 0)



#Video BW 3.0 MHz\*

Ref Level -33.00 dBm

(LTE B13 5M+NB-IoT(1IB)\_1C\_2T\_QPSK-Middle Channel, Port 1)

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KEYSIGHT





Plot 8-614. Conducted Spurious Emission Plot 1 559 MHz to 1 610 MHz

(LTE B13 10M+NB-IoT(1IB+1GB)\_1C\_2T\_QPSK-Middle Channel, Port 0)



Plot 8-616. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(LTE B5\_1C\_5M\_4T\_QPSK - High Channel, Port 3)

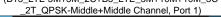


Plot 8-618. Conducted Spurious Emission Plot 30 MHz to 858 MHz

(LTE B5\_1C\_5M\_4T\_QPSK - High Channel, Port 3)

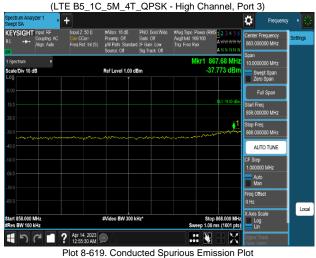


Plot 8-615. Conducted Spurious Emission Plot 1 559 MHz to 1 610 MHz (B13\_LTE 5M+5M\_2C+B5\_LTE\_5M+10M+10M\_3C





Plot 8-617. Conducted Spurious Emission Plot 150 kHz to 30 MHz

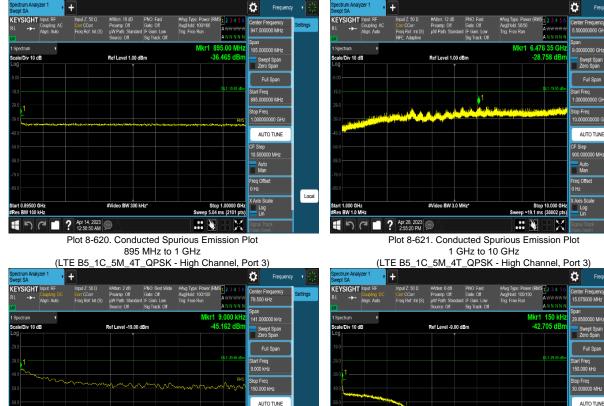


858 MHz to 868 MHz

(LTE B5\_1C\_5M\_4T\_QPSK - High Channel, Port 3)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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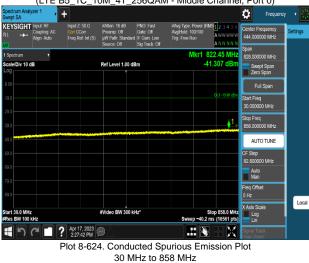


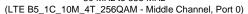




Plot 8-622. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(LTE B5\_1C\_10M\_4T\_256QAM - Middle Channel, Port 0)





4pr 17, 2023 🗩 🔥 DC Couple Plot 8-623. Conducted Spurious Emission Plot 150 kHz to 30 MHz

#Video BW 30 kHz\*

art 150 kHz les BW 10 kHz

Frequency

er Frequency

000 GH

Swept Span Zero Span

AUTO TUNE

00 MH:

Frequ

0 MH:

Swept Spa Zero Span

AUTO TUNE

Step

Auto Man

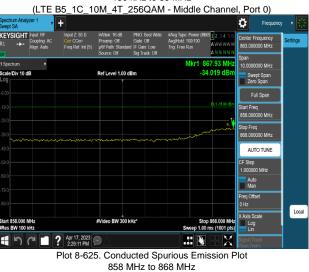
req Offset

Log Lin

Stop 30.00 MHz Sweep 120 ms (5971 pts)

Local

Local



(LTE B5\_1C\_10M\_4T\_256QAM - Middle Channel, Port 0)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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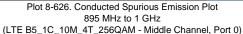
+

KEYSIGHT Input P

le/Div 10 dB

tart 9.00 kHz Res BW 1.0 kHz





Ref Level -19.00 dBm

#Video BW 3.0 kHz\*

Ö

kr1 9.000 kł

43.603 dl

Stop 150.00 kHz Sweep 47.5 ms (1001 pts)

X

ter Fre . 79.500 kHz

Swept Spa Zero Span

Full Span

Start Freq 9.000 kHz

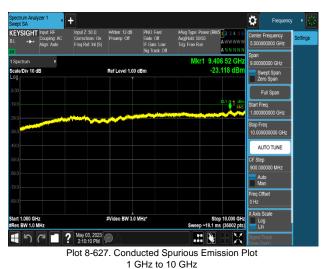
op Freq 50.000 kH AUTO TUNE

.:⊢ Step 14.100 kH;

Auto Man req Offset

Log Lin

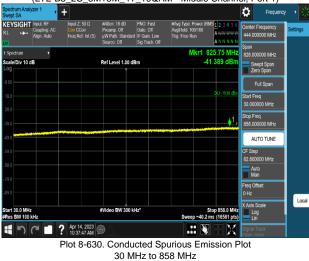
Frequenc

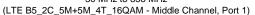




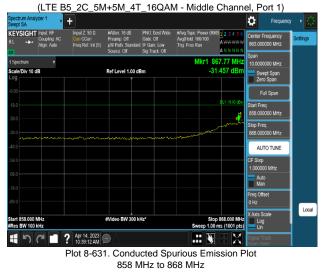
「「「C」 ? Apr 14, 2023 💬 🚹 DC Coupled Plot 8-628. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(LTE B5\_2C\_5M+5M\_4T\_16QAM - Middle Channel, Port 1)





Plot 8-629. Conducted Spurious Emission Plot 150 kHz to 30 MHz

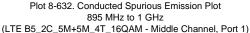


(LTE B5\_2C\_5M+5M\_4T\_16QAM - Middle Channel, Port 1)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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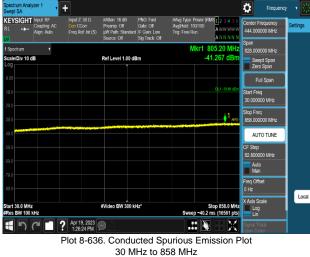






Plot 8-634. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(LTE B5\_3C\_5M+10M+10M\_4T\_16QAM - Middle Channel, Port 3)







Plot 8-633. Conducted Spurious Emission Plot 1 GHz to 10 GHz



Plot 8-635. Conducted Spurious Emission Plot 150 kHz to 30 MHz

(LTE B5\_3C\_5M+10M+10M\_4T\_16QAM - Middle Channel, Port 3)

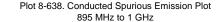


(LTE B5\_3C\_5M+10M+10M\_4T\_16QAM - Middle Channel, Port 3)

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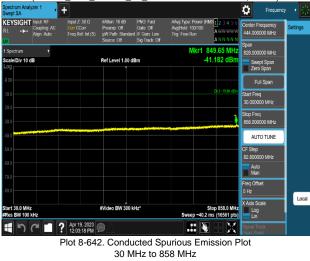






Plot 8-640. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(LTE B5\_2NC\_5M+5M\_4T\_QPSK - Middle Channel, Port 0)





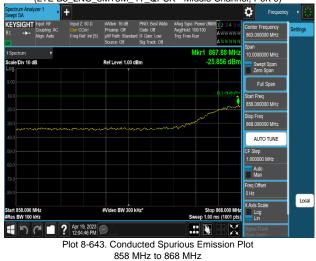


Plot 8-639. Conducted Spurious Emission Plot 1 GHz to 10 GHz (LTE B5\_3C\_5M+10M+10M\_4T\_16QAM - Middle Channel, Port 3)



Plot 8-641. Conducted Spurious Emission Plot 150 kHz to 30 MHz

(LTE B5\_2NC\_5M+5M\_4T\_QPSK - Middle Channel, Port 0)

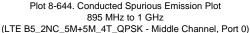


(LTE B5\_2NC\_5M+5M\_4T\_QPSK - Middle Channel, Port 0)

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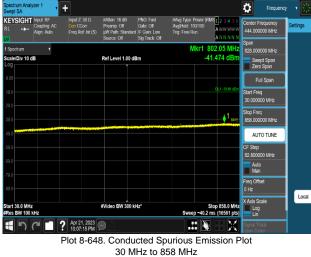






Plot 8-646. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(DSS B(n)5\_1C\_10M(4:6 Ratio)\_4T\_16QAM - Low Channel, Port 2)





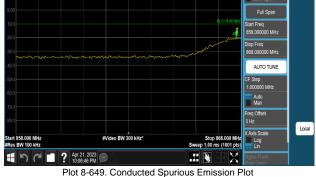


Plot 8-645. Conducted Spurious Emission Plot 1 GHz to 10 GHz (LTE B5\_2NC\_5M+5M\_4T\_QPSK - Middle Channel, Port 0)



Plot 8-647. Conducted Spurious Emission Plot 150 kHz to 30 MHz





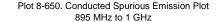
858 MHz to 868 MHz

(DSS B(n)5\_1C\_10M(4:6 Ratio)\_4T\_16QAM - Low Channel, Port 2)

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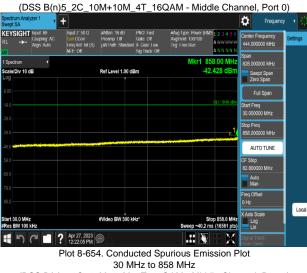


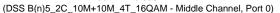






Plot 8-652. Conducted Spurious Emission Plot 9 kHz to 150 kHz





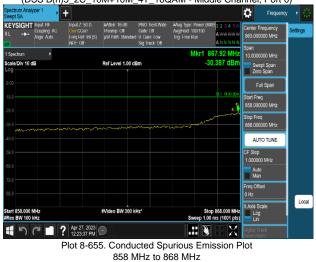


Plot 8-651. Conducted Spurious Emission Plot 1 GHz to 10 GHz



Plot 8-653. Conducted Spurious Emission Plot 150 kHz to 30 MHz

(DSS B(n)5\_2C\_10M+10M\_4T\_16QAM - Middle Channel, Port 0)

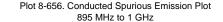


(DSS B(n)5\_2C\_10M+10M\_4T\_16QAM - Middle Channel, Port 0)

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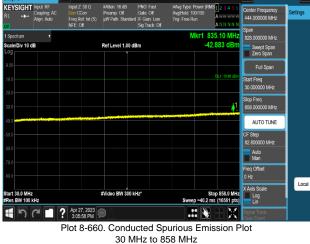






Plot 8-658. Conducted Spurious Emission Plot 9 kHz to 150 kHz

(DSS B(n)5\_2NC\_10M+10M\_4T\_QPSK - Middle Channel, Port 1)



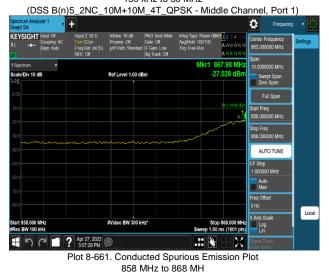
(DSS B(n)5\_2NC\_10M+10M\_4T\_QPSK - Middle Channel, Port 1)



Plot 8-657. Conducted Spurious Emission Plot 1 GHz to 10 GHz (DSS B(n)5\_2C\_10M+10M\_4T\_16QAM - Middle Channel, Port 0)



Plot 8-659. Conducted Spurious Emission Plot 150 kHz to 30 MHz



(DSS B(n)5\_2NC\_10M+10M\_4T\_QPSK - Middle Channel, Port 1)

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