



SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

Page: 1 of 230

FCC PX8CFNG-ARUC (ARU)

ID: PX8CFNG-MUC (MU)

Appendix -

Test Data and Result for report

GZCR230300022002



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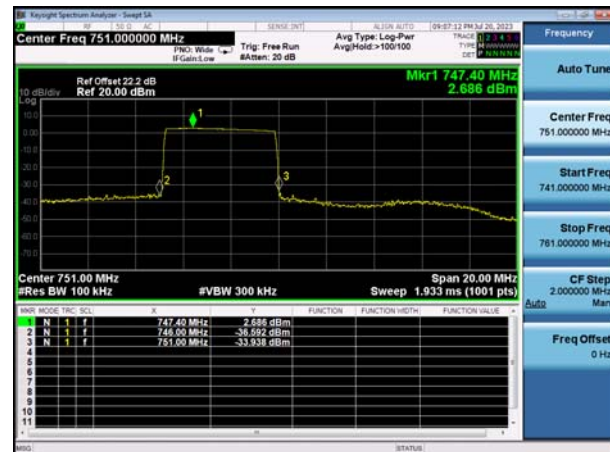
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1 Authorized frequency band verification

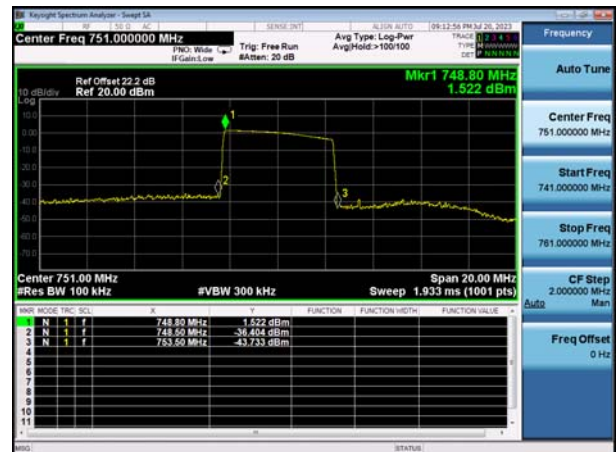


Authorized frequency band verification

DL_Upper 700MHz Band



f0 = 747.4MHz



f0 = 748.8MHz



f0 = 751.4MHz

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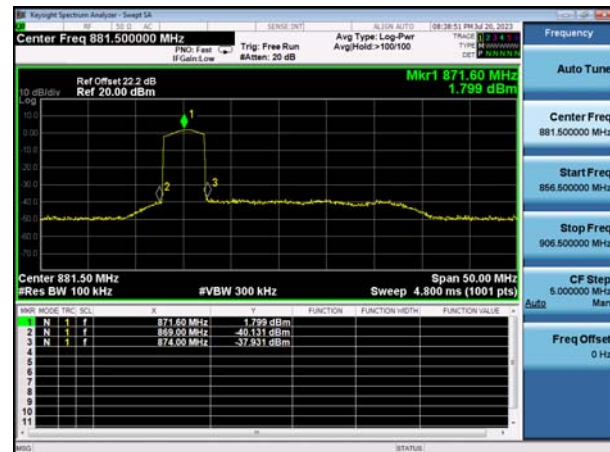


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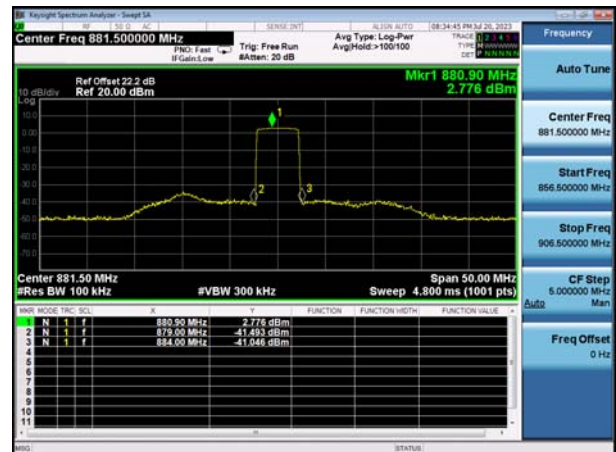
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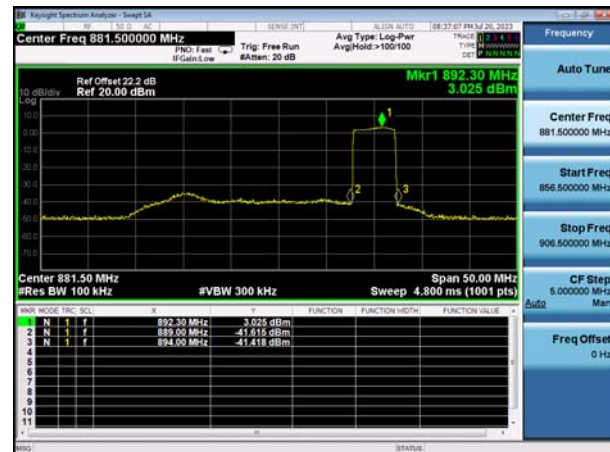
DL_Cellular Band



f0 =871.6MHz



f0 =880.9MHz



f0 =892.3MHz

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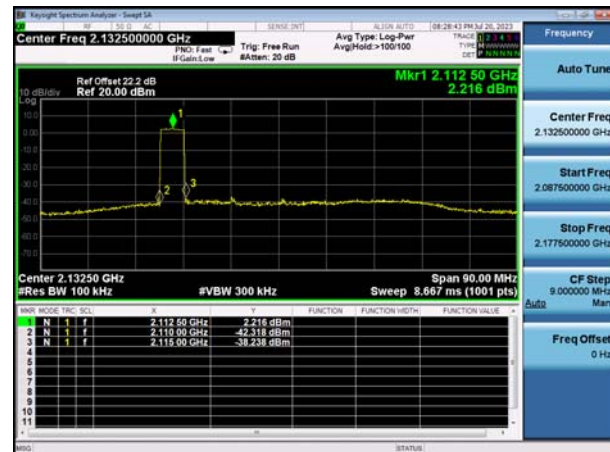
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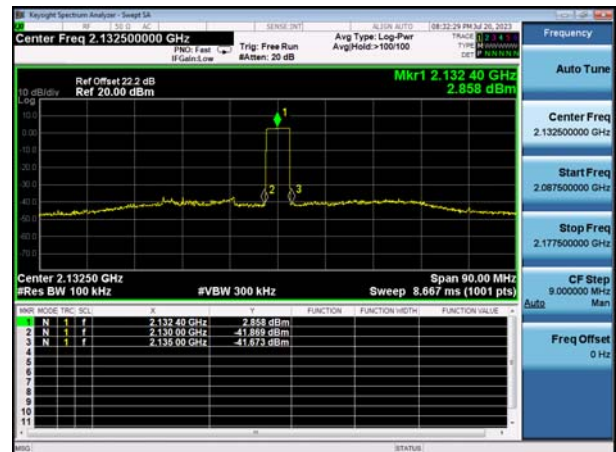
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Authorized frequency band verification

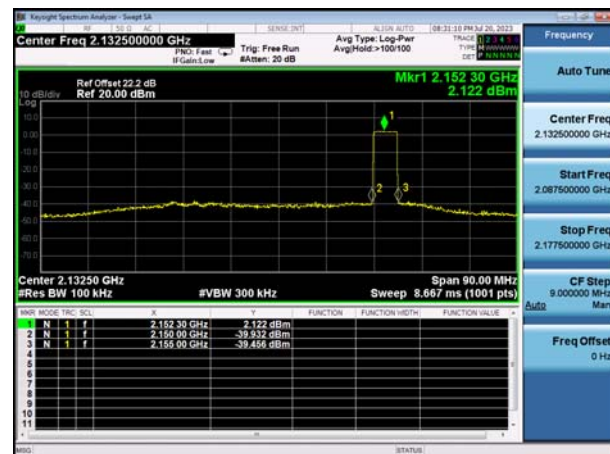
DL_AWS-1 Band



f0 =2112.5MHz



f0 =2132.4MHz



f0 =2152.3MHz

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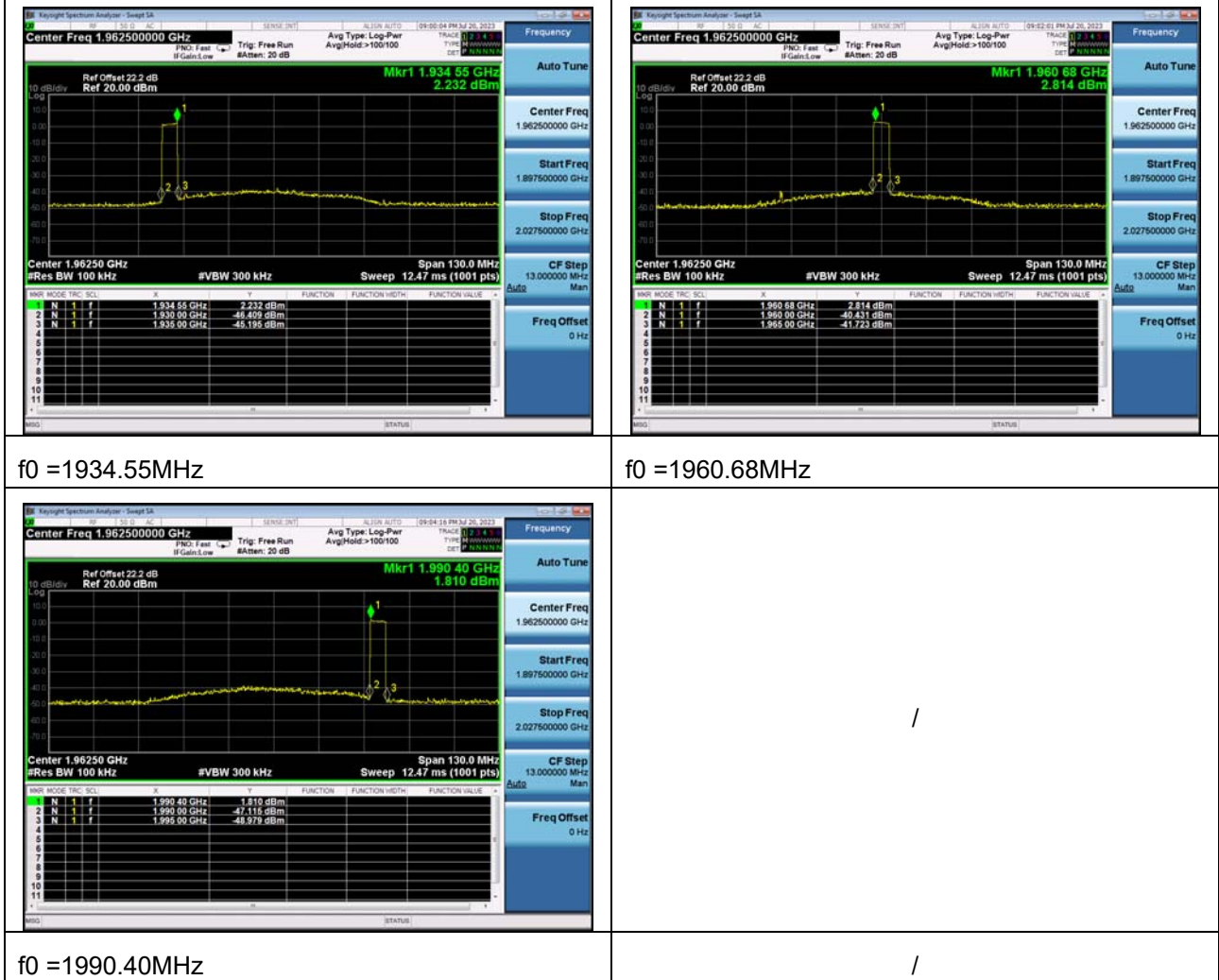
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Authorized frequency band verification

DL_Broad PCS Band



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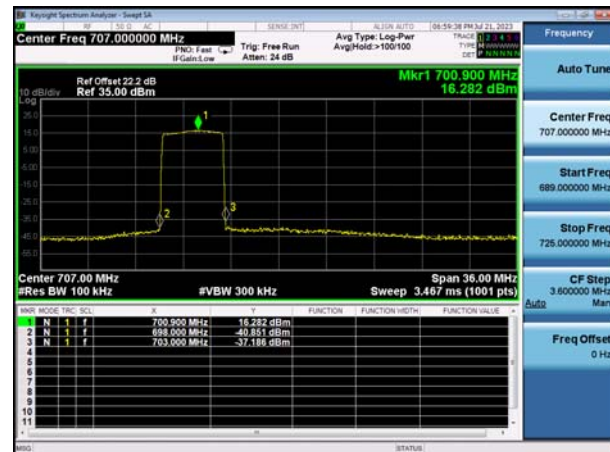
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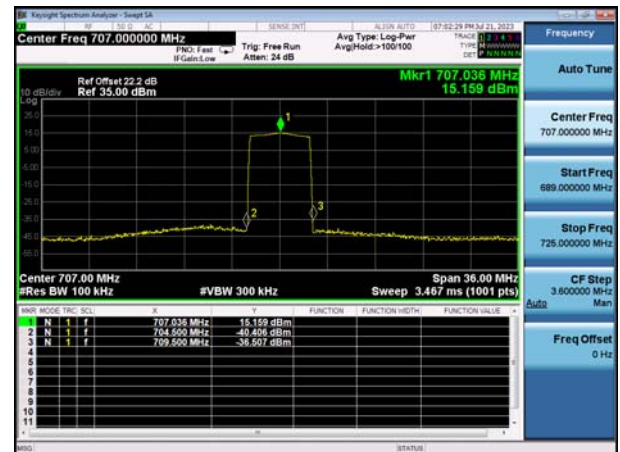
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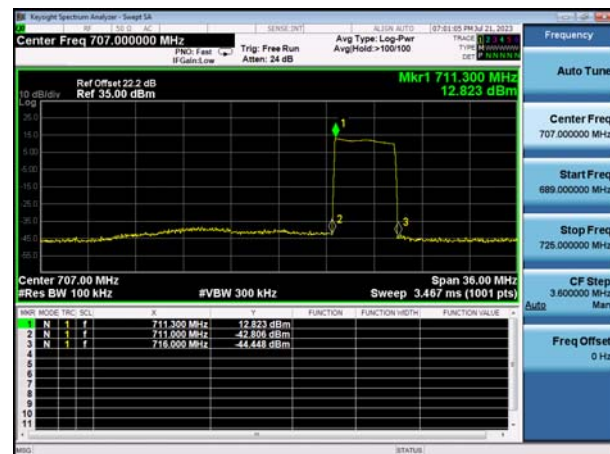
UL_Lower 700MHz Band



f0 =700.9MHz



f0 =707.036MHz



f0 =711.3MHz



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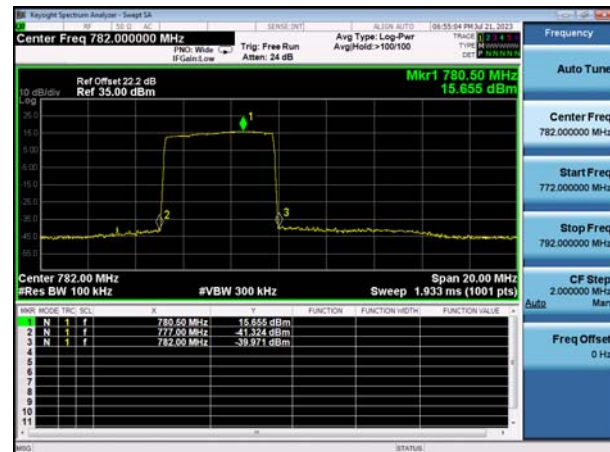
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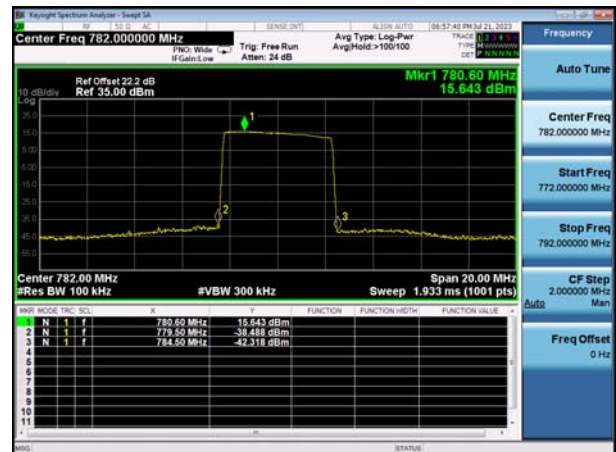
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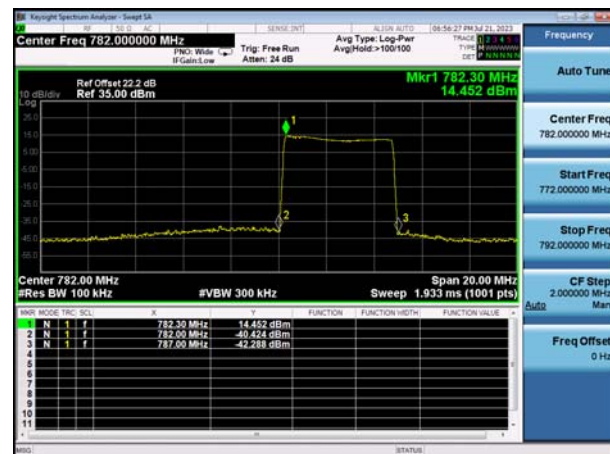
UL_Upper 700MHz Band



f0 =780.5MHz



f0 =780.6MHz



f0 =782.3MHz

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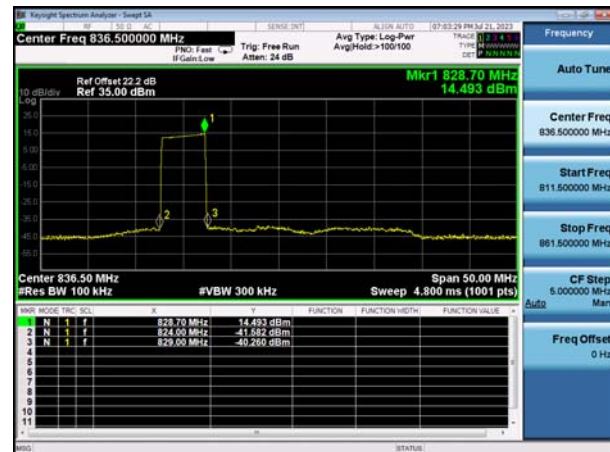
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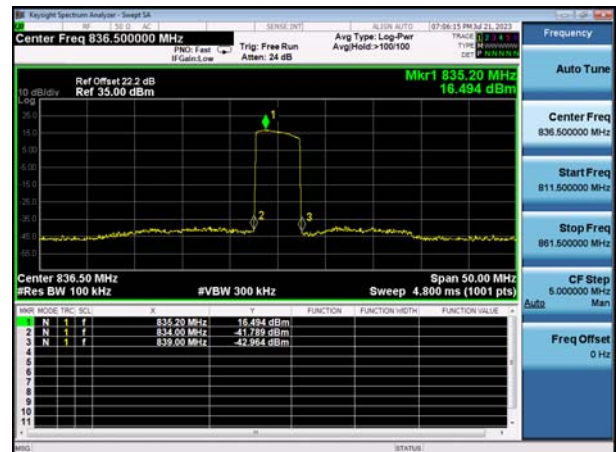
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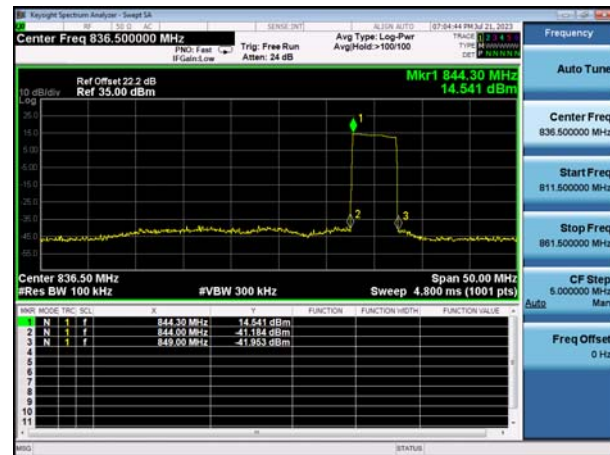
UL_Cellular Band



f0 =828.7MHz



f0 =835.2MHz



f0 =844.3MHz

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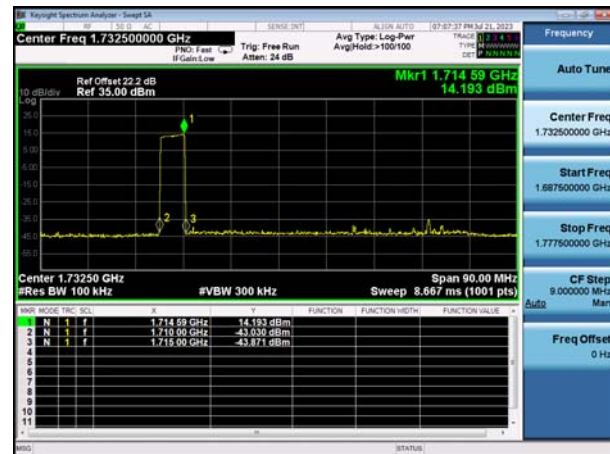
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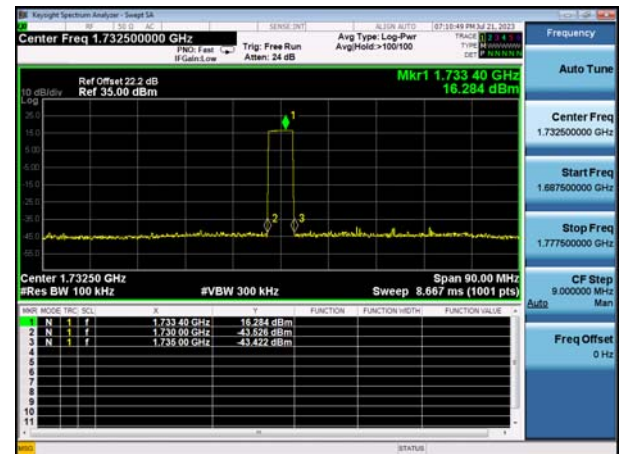
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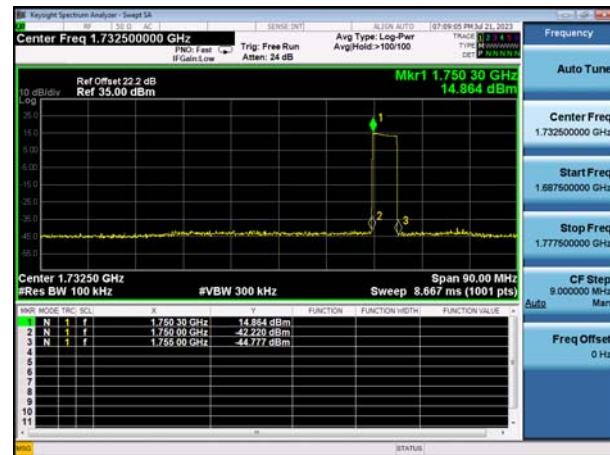
UL_AWS-1 Band



f0 =1714.59MHz



f0 =1733.40MHz



f0 =1750.30MHz

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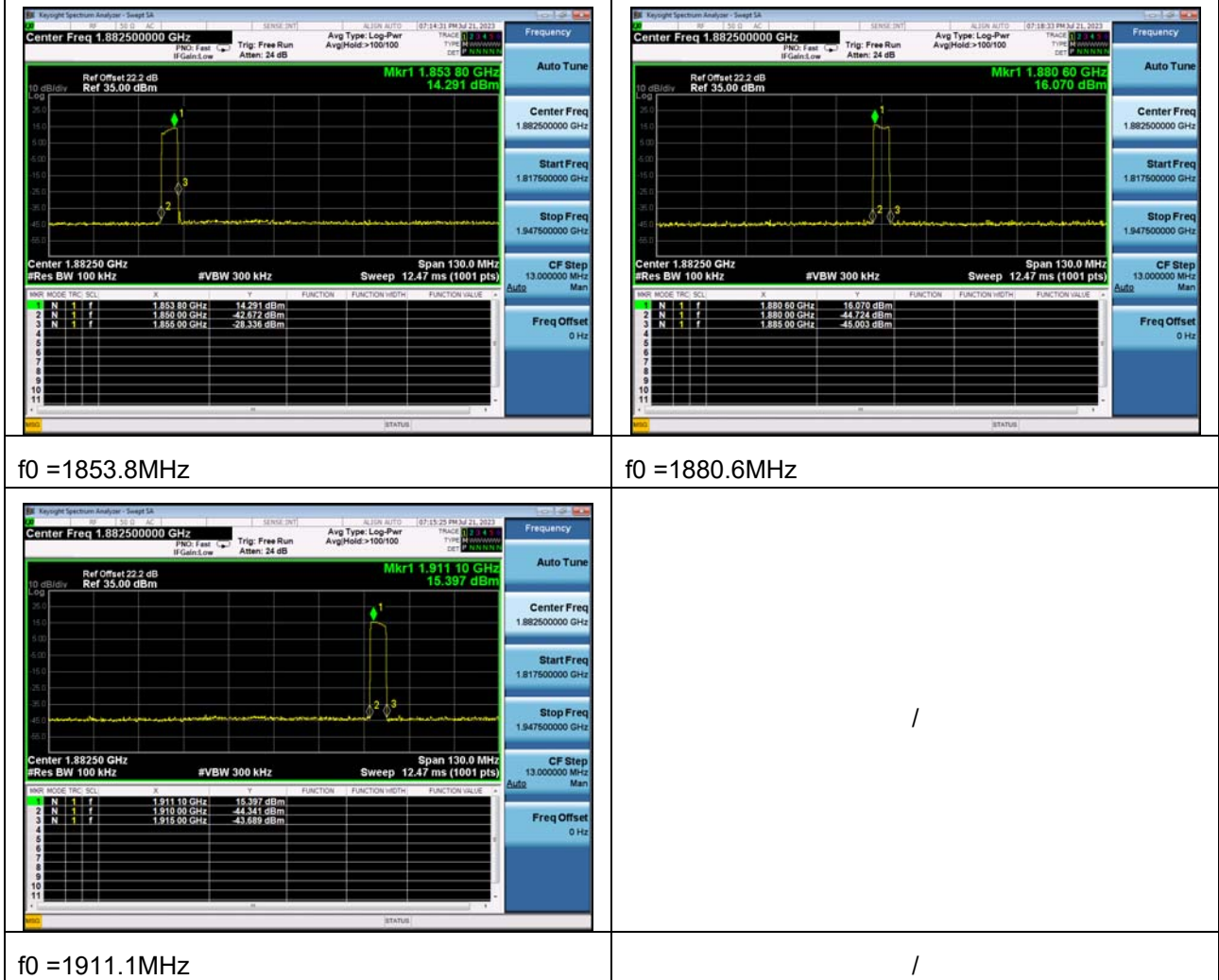
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Authorized frequency band verification

UL_Broad PCS Band



f0 =1853.8MHz

f0 =1880.6MHz

f0 =1911.1MHz



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2 Authorized CMRS provider test

The EUT can be set authorized CMRS Provider IDs via local WEB. For authorized CMRS Provider test, the EUT was assigned a temporary authorized CMRS Provider ID.

One authorized CMRS Provider signal and two non-authorized CMRS Provider signals for each band were verified.

Authorized CMRS Provider ID	Non-authorized CMRS Provider ID
MCC/MCN: 310410	MCC/MCN: 310123
	MCC/MCN: 311123

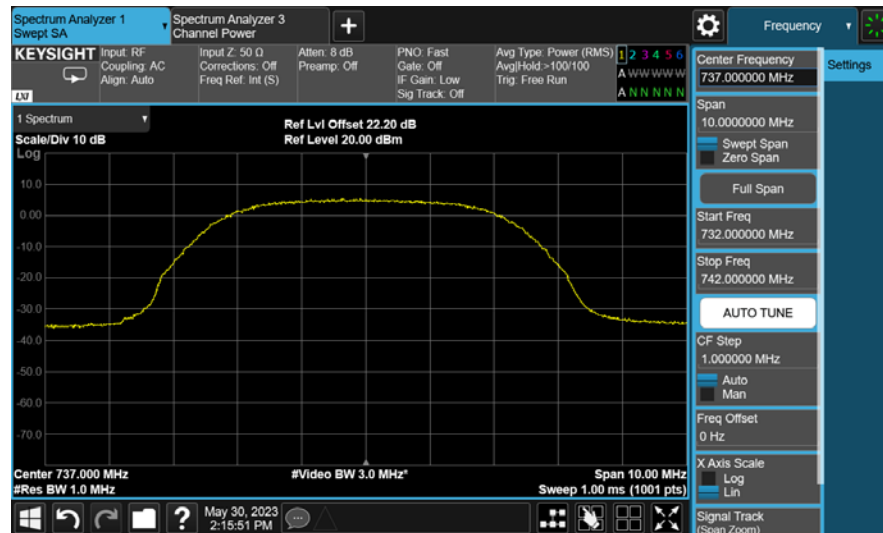


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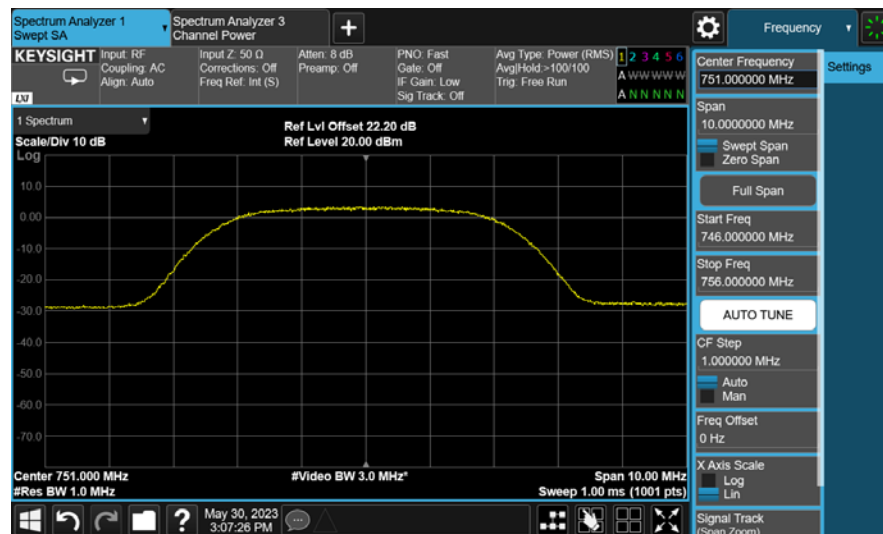
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Authorized CMRS Provider test

DL_Lower 700MHz Band_Authorized CMRS provider signal (MCC/MCN: 310410)



DL_Upper 700MHz Band_Authorized CMRS provider signal (MCC/MCN: 310410)

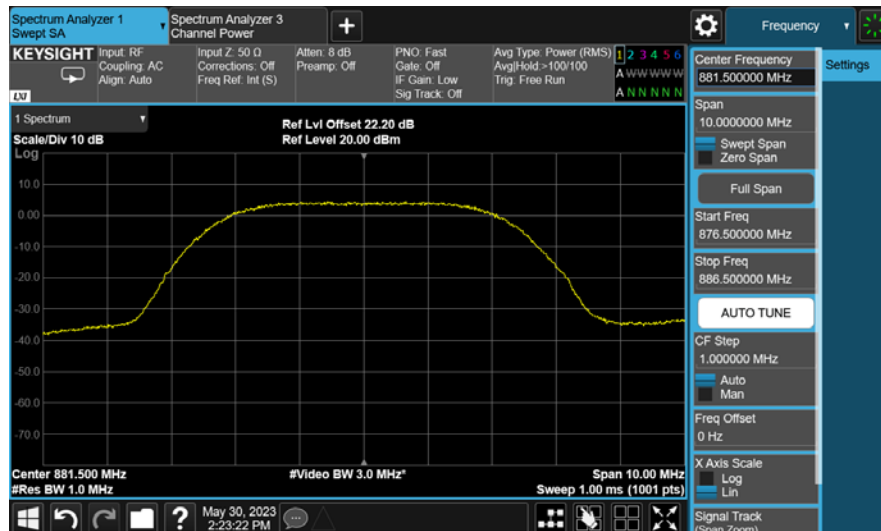


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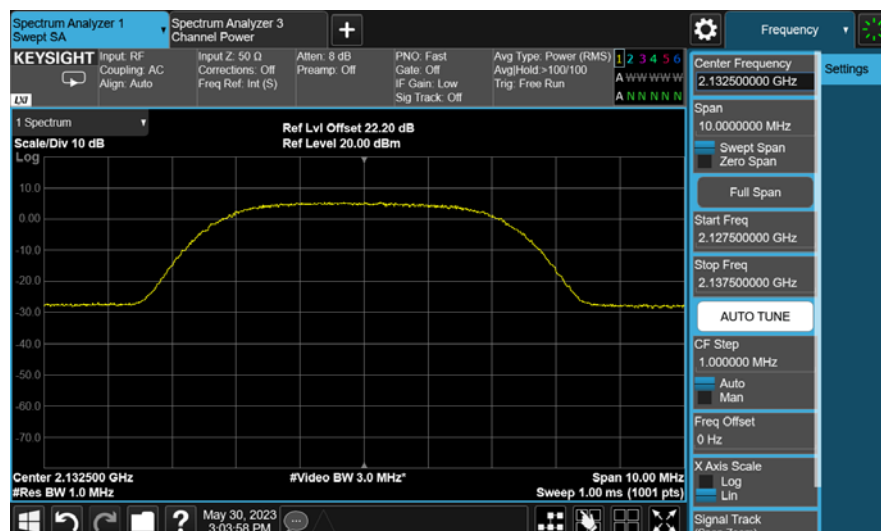
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Authorized CMRS Provider test

DL_Cellular Band_Authorized CMRS provider signal (MCC/MCN: 310410)



DL_AWS-1 Band_Authorized CMRS provider signal (MCC/MCN: 310410)



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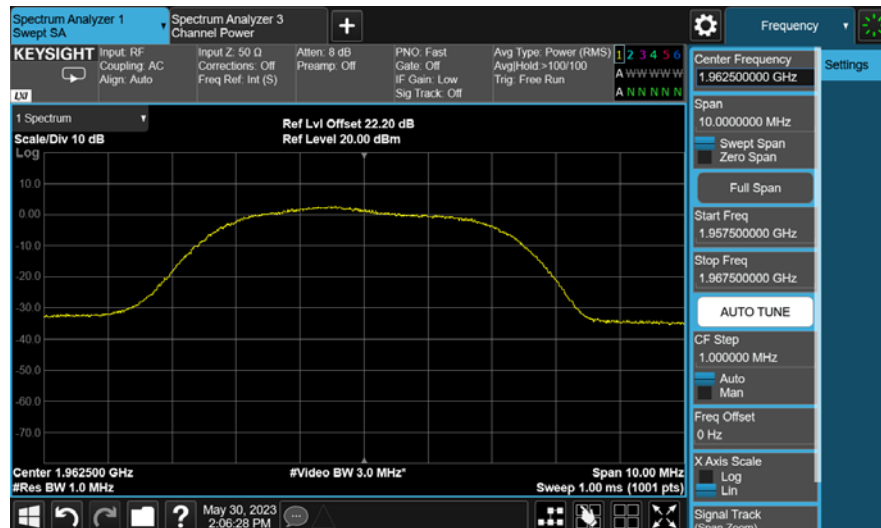
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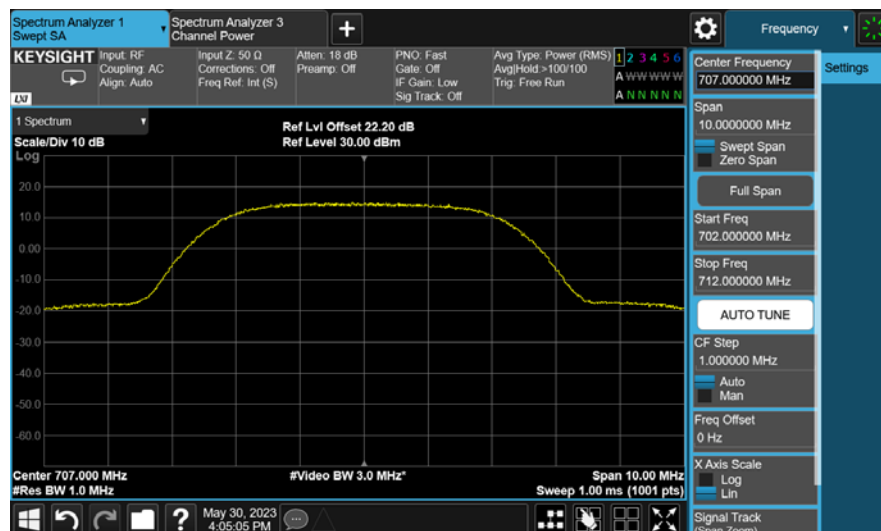
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Authorized CMRS Provider test

DL_Broadband PCS Band_Authorized CMRS provider signal (MCC/MCN: 310410)



UL_Lower 700MHz Band_Authorized CMRS provider signal (MCC/MCN: 310410)

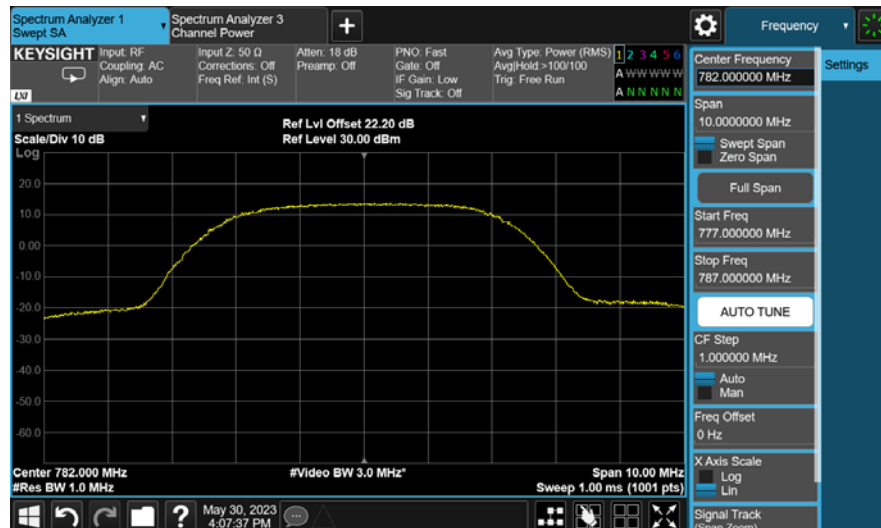


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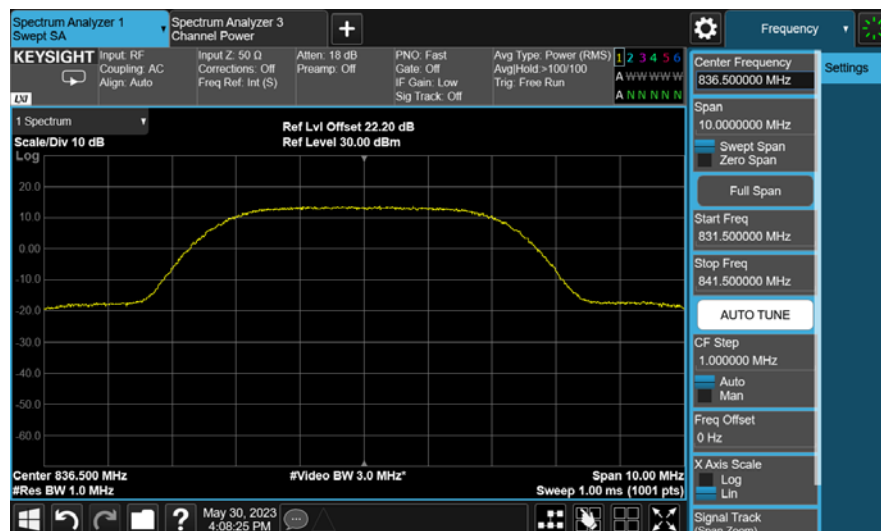
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Authorized CMRS Provider test

UL_Upper 700MHz Band_Authorized CMRS provider signal (MCC/MCN: 310410)



UL_Cellular Band_Authorized CMRS provider signal (MCC/MCN: 310410)

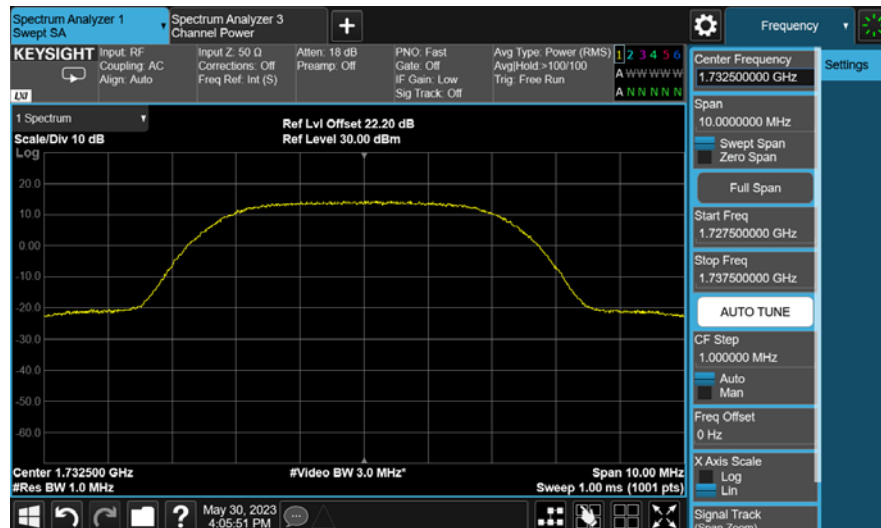


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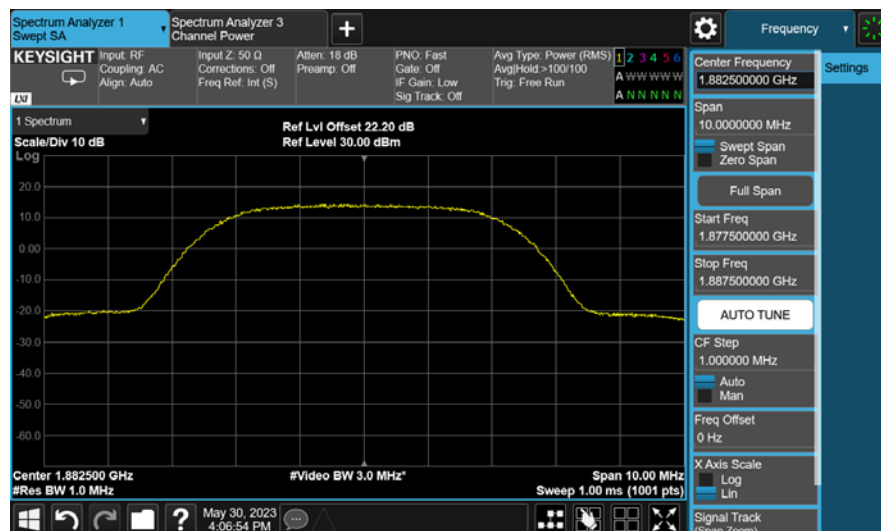
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Authorized CMRS Provider test

UL_AWS-1 Band_Authorized CMRS provider signal (MCC/MCN: 310410)



UL_Broadband PCS Band_Authorized CMRS provider signal (MCC/MCN: 310410)

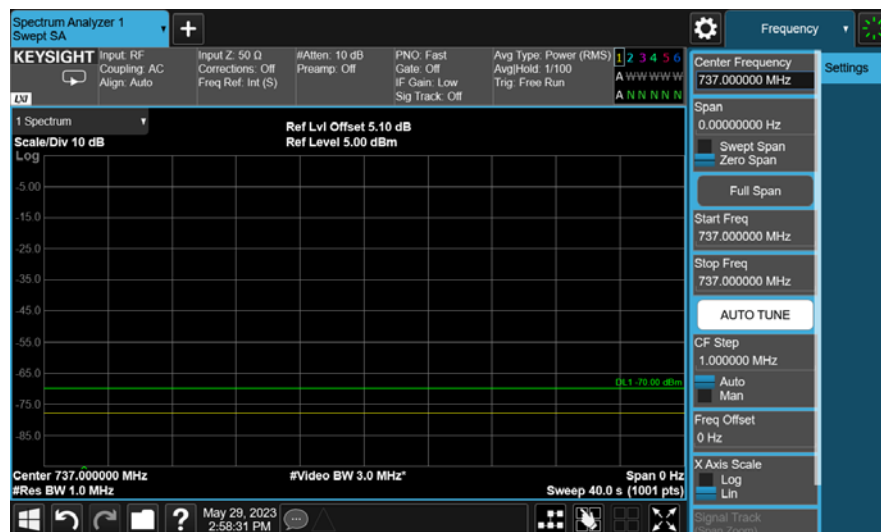
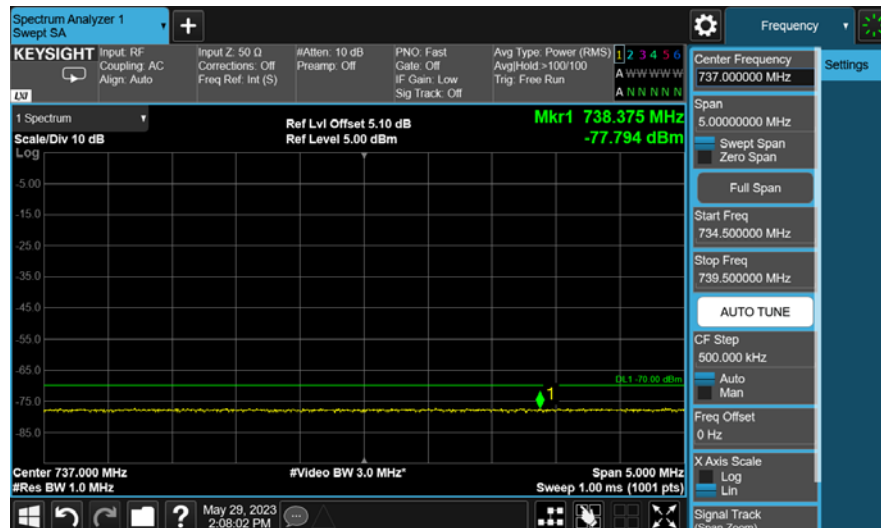


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Authorized CMRS Provider test

DL_Lower 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.



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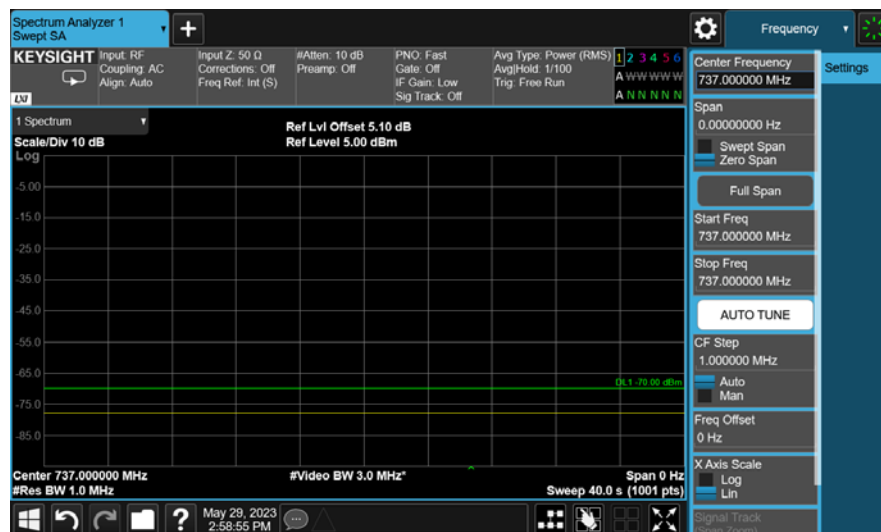
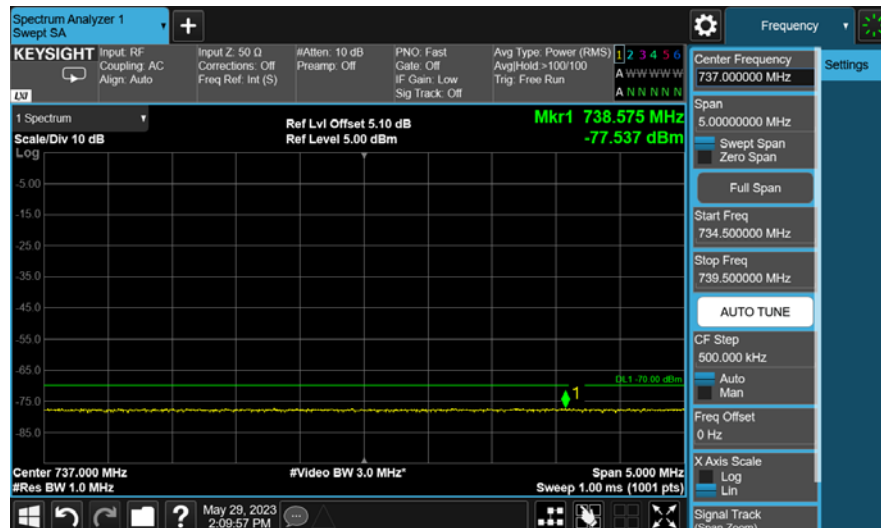
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Authorized CMRS Provider test

DL_Lower 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 311123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.

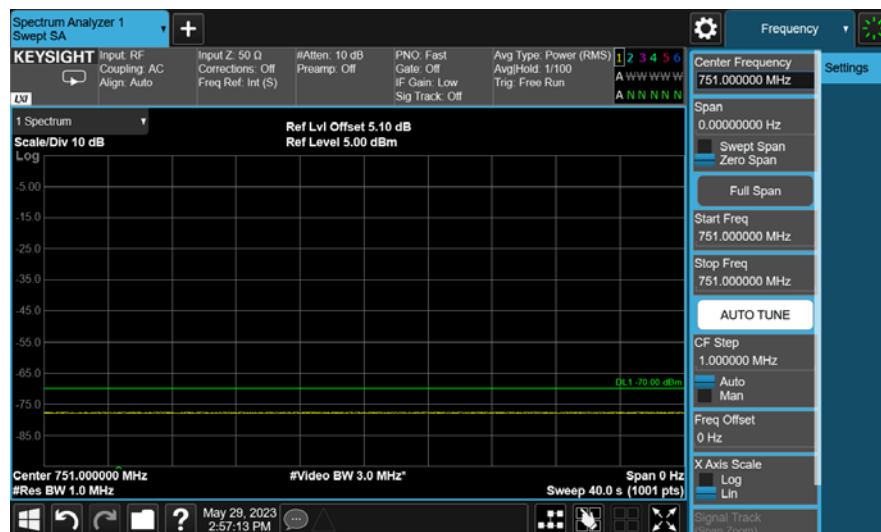
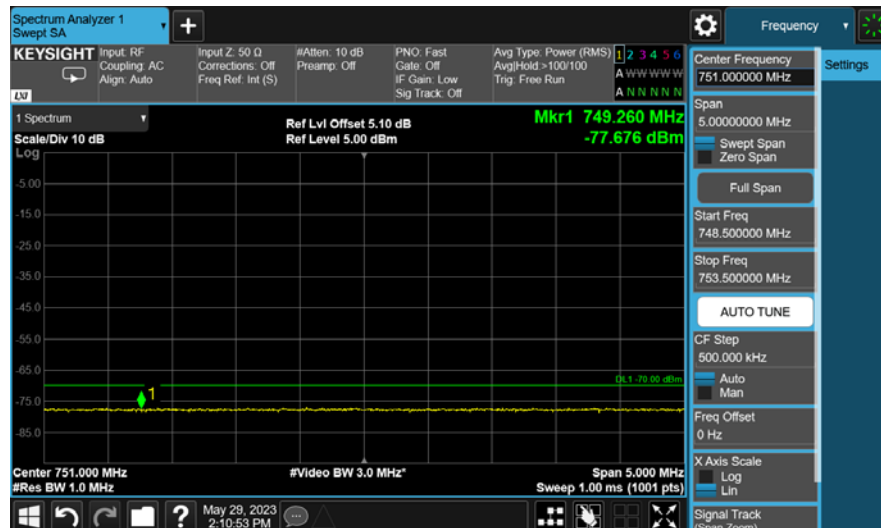


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Authorized CMRS Provider test

DL_Upper 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

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2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.



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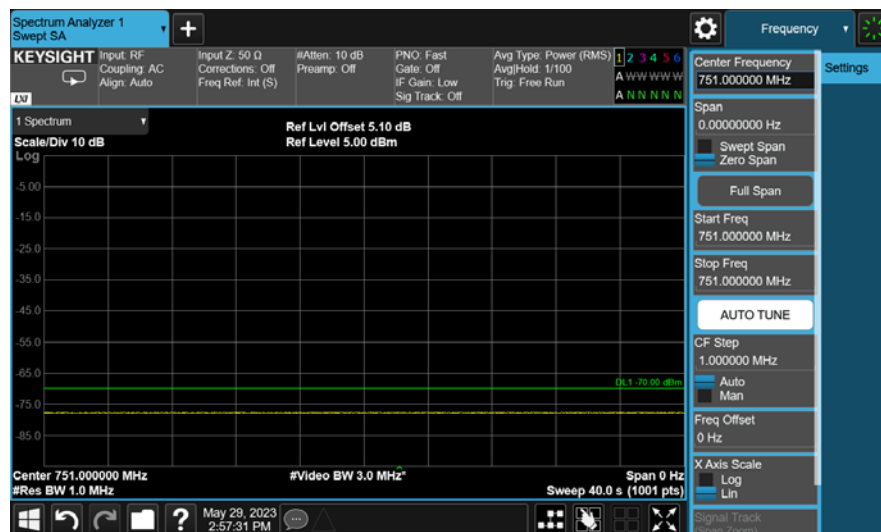
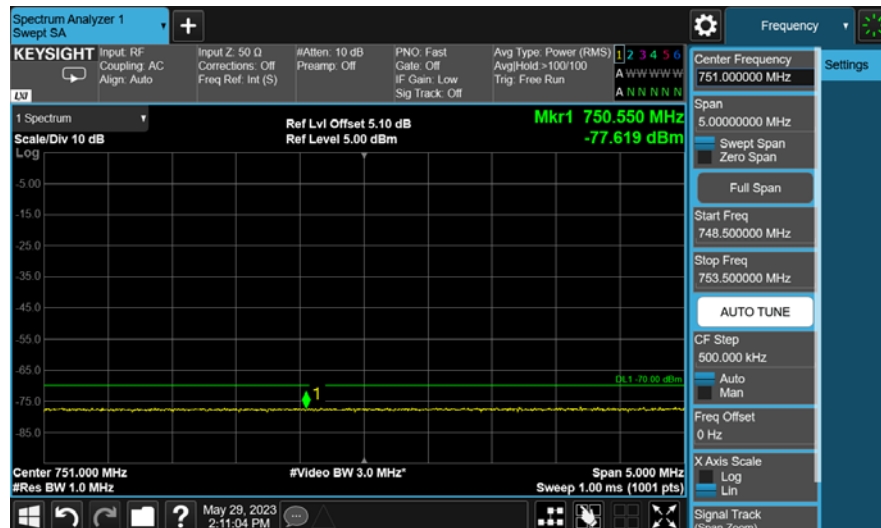
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Authorized CMRS Provider test

DL_Upper 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 311123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.

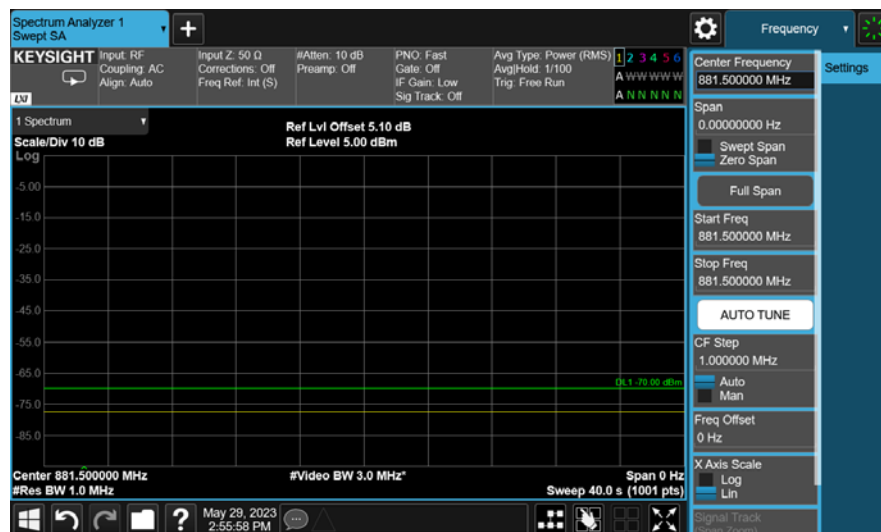
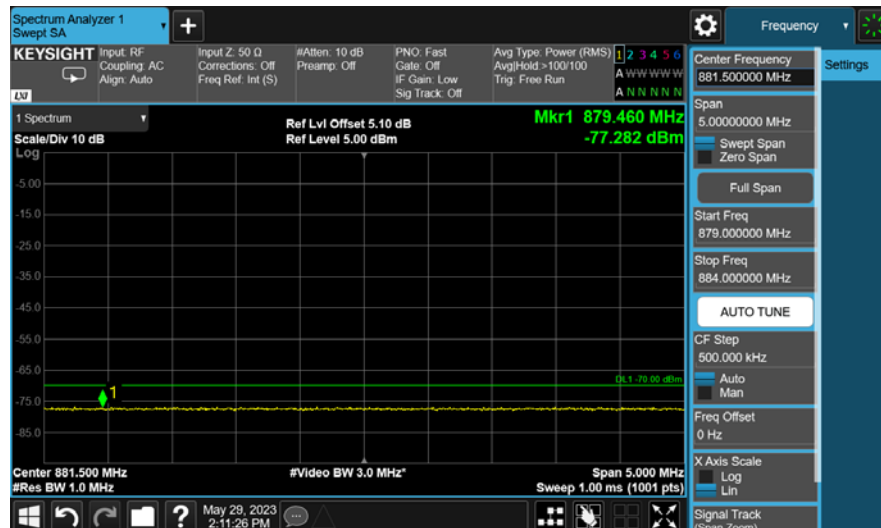


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Authorized CMRS Provider test

DL_Cellular Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

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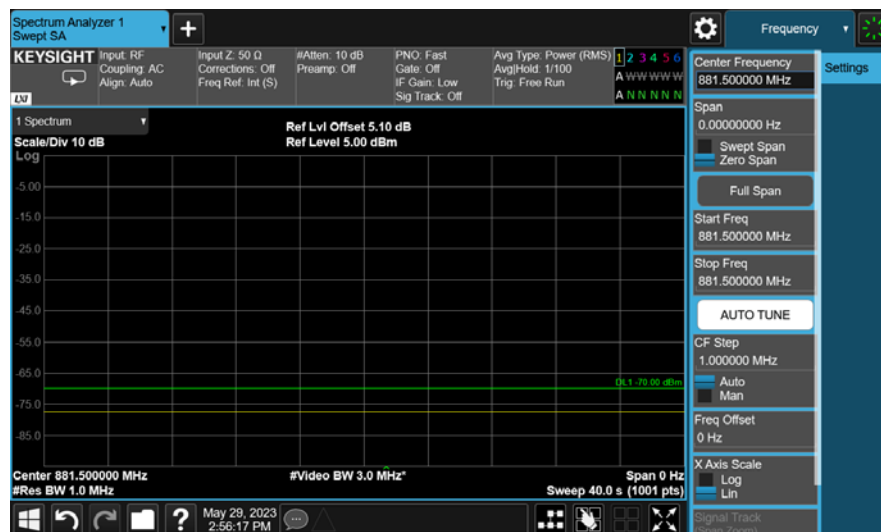
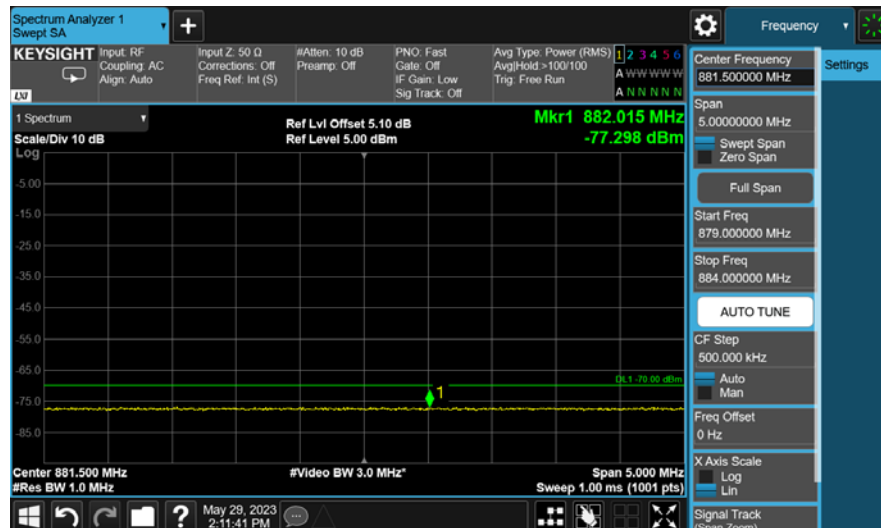
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Authorized CMRS Provider test

DL_Cellular Band_Non-authorized CMRS provider signal (MCC/MCN: 311123)



Remark:

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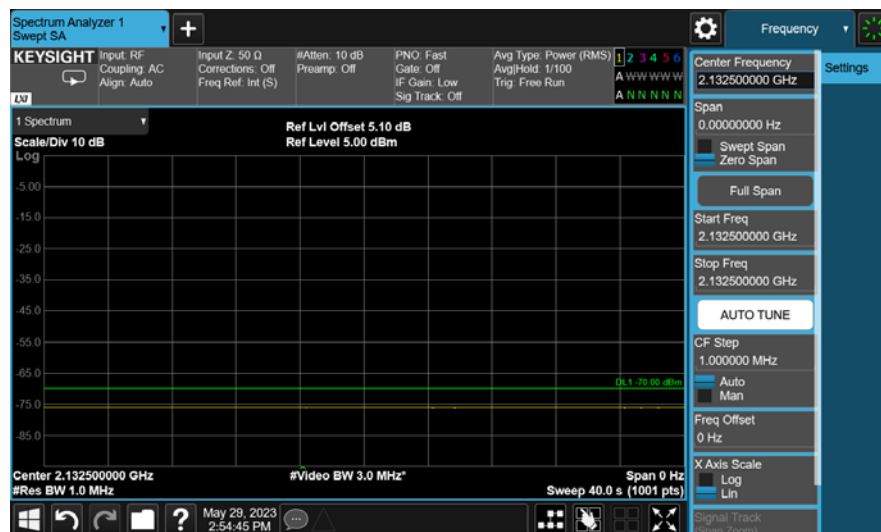
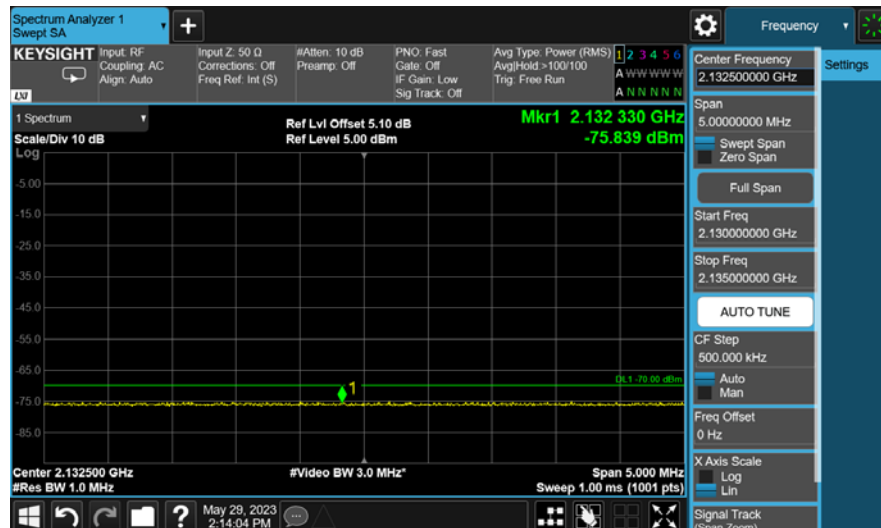
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Authorized CMRS Provider test

DL_AWS-1 Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
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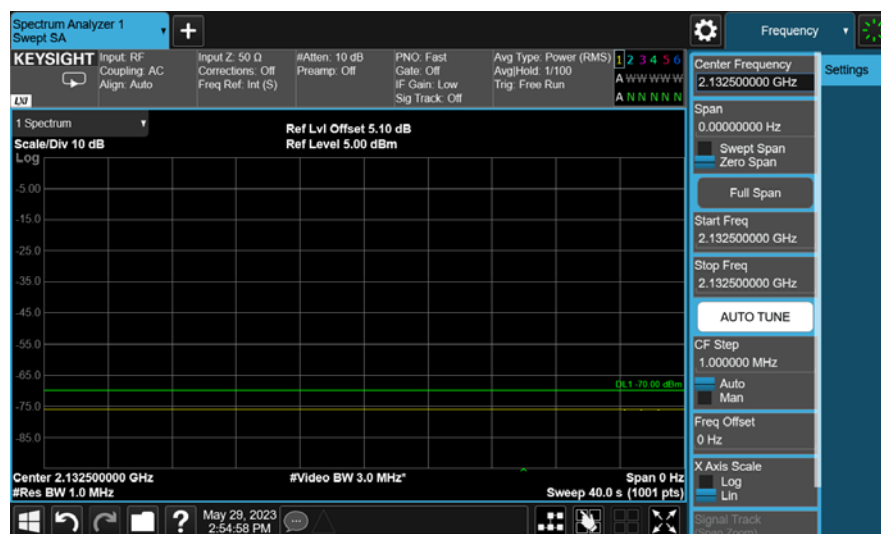
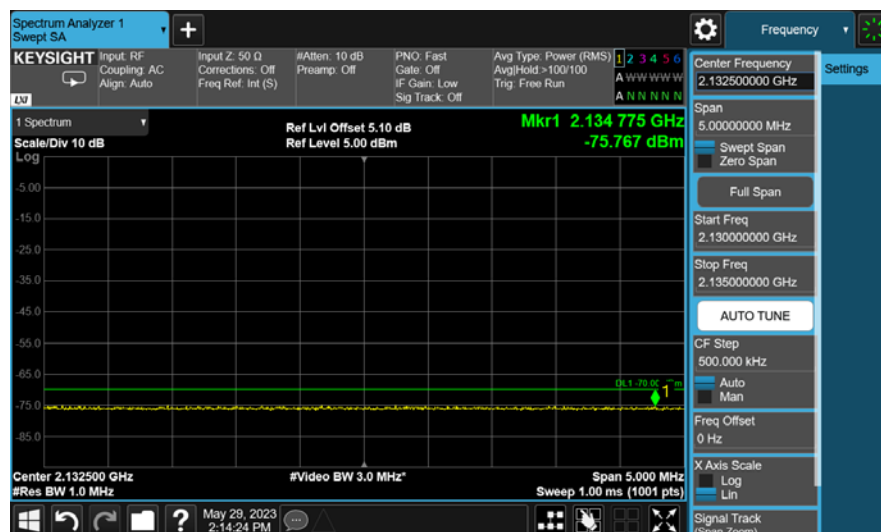
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Authorized CMRS Provider test

DL_AWS-1 Band_Non-authorized CMRS provider signal (MCC/MCN: 311123)



Remark:

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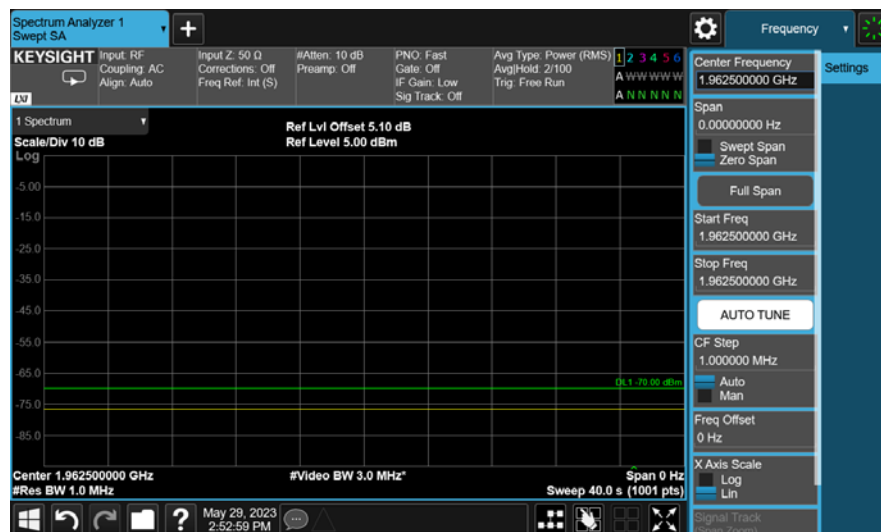
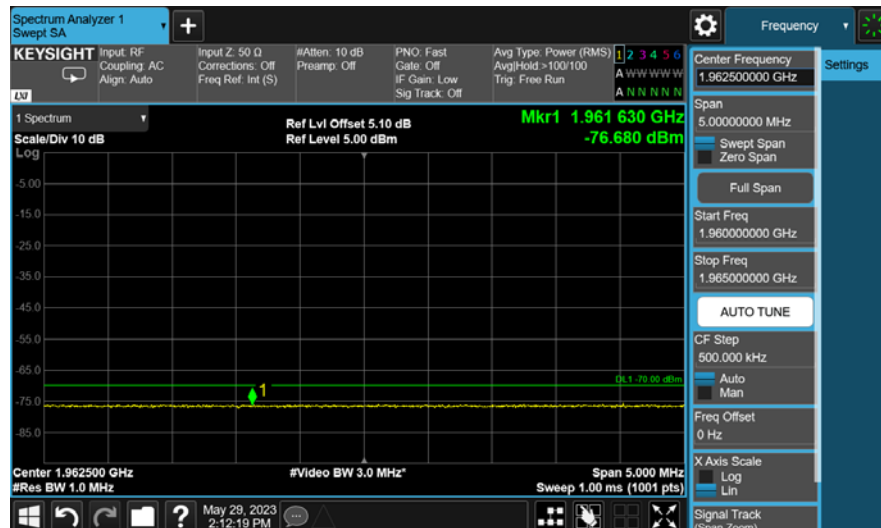
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Authorized CMRS Provider test

DL_Broadband PCS Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

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2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.



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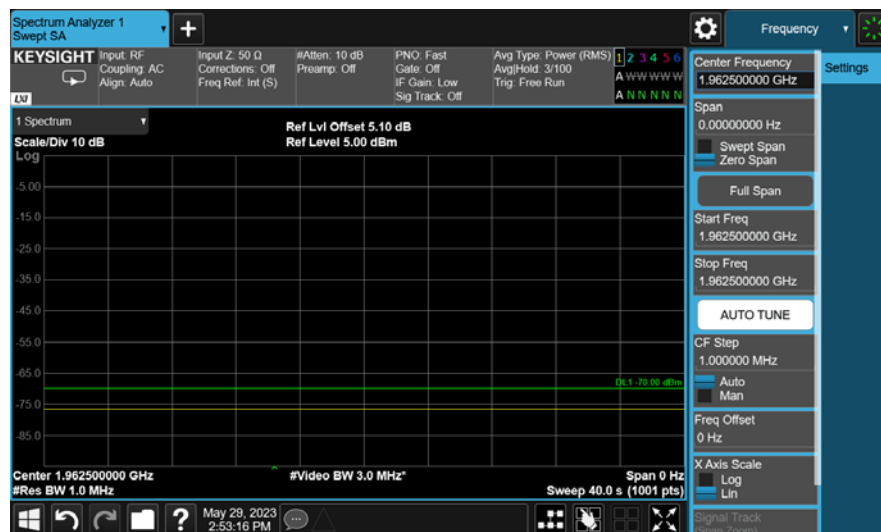
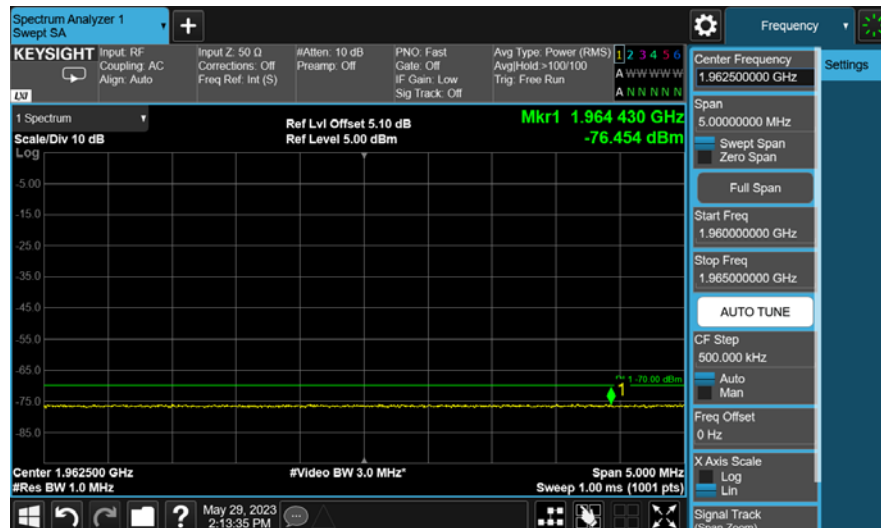
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Authorized CMRS Provider test

DL_Broadband PCS Band_Non-authorized CMRS provider signal (MCC/MCN: 311123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.



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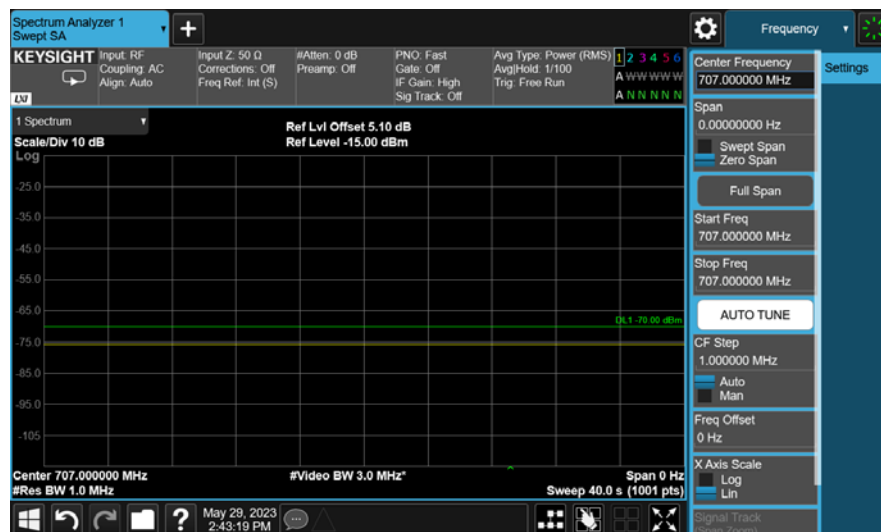
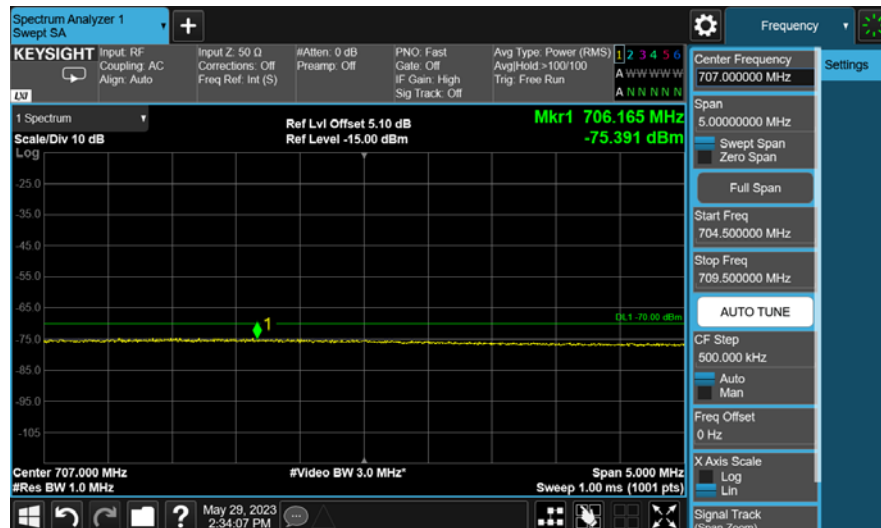
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Authorized CMRS Provider test

UL_Lower 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.
3. The EUT is in compliance with the gain limit 23dB because the EUT operates in "Transmit Power OFF Mode" and loses its amplification ability.



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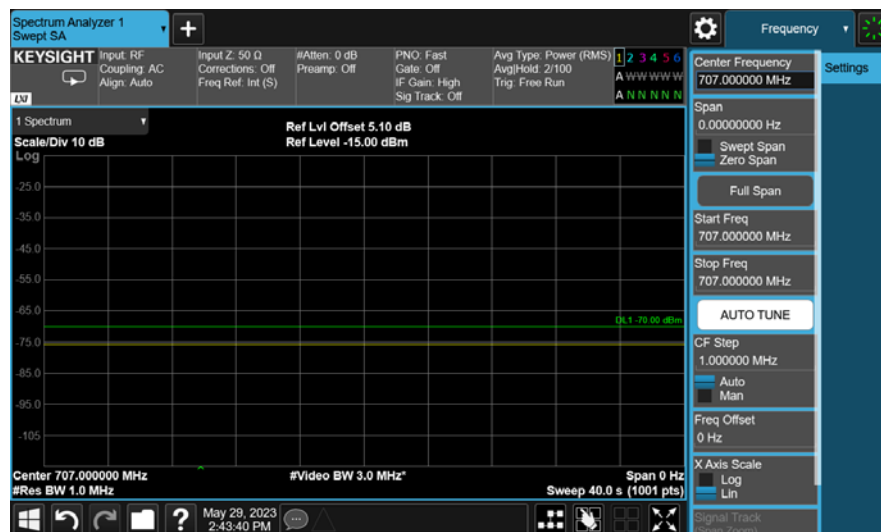
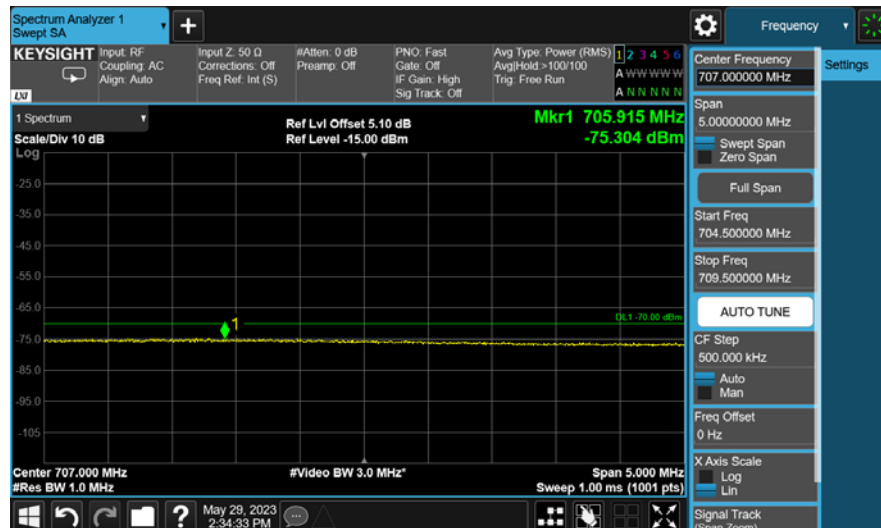
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Authorized CMRS Provider test

UL_Lower 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 311123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.
3. The EUT is in compliance with the gain limit 23dB because the EUT operates in "Transmit Power OFF Mode" and loses its amplification ability.



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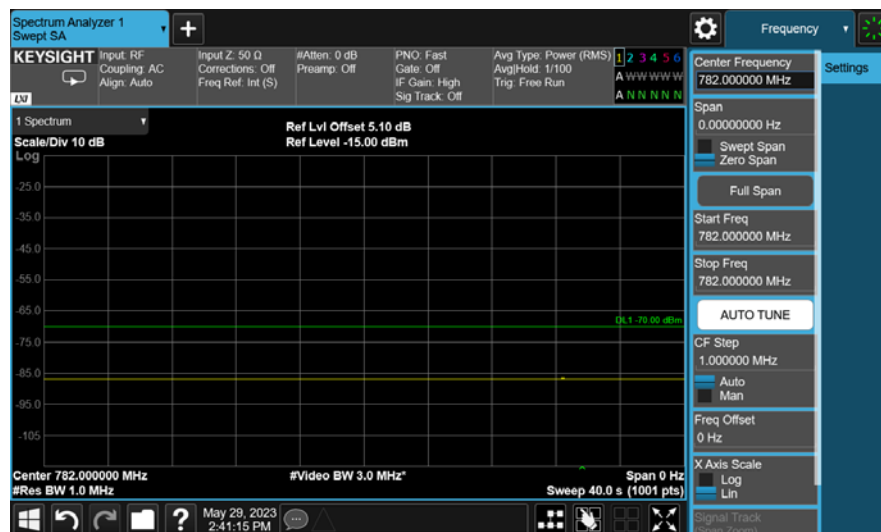
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Authorized CMRS Provider test

UL_Upper 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.
3. The EUT is in compliance with the gain limit 23dB because the EUT operates in "Transmit Power OFF Mode" and loses its amplification ability.

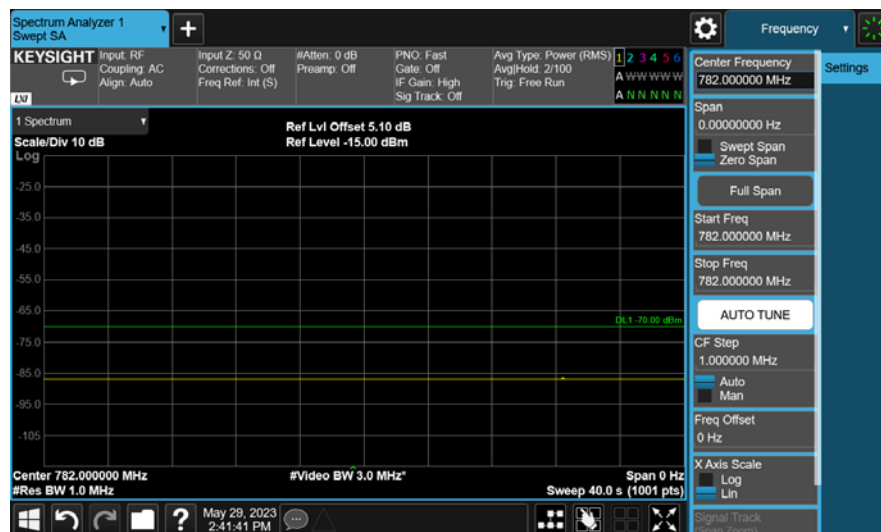


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Authorized CMRS Provider test

UL_Upper 700MHz Band_Non-authorized CMRS provider signal (MCC/MCN: 311123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.
3. The EUT is in compliance with the gain limit 23dB because the EUT operates in "Transmit Power OFF Mode" and loses its amplification ability.

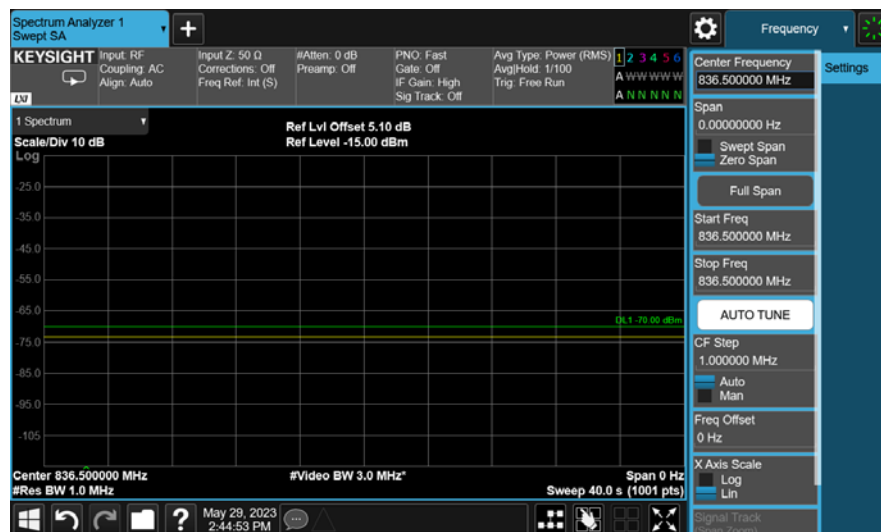
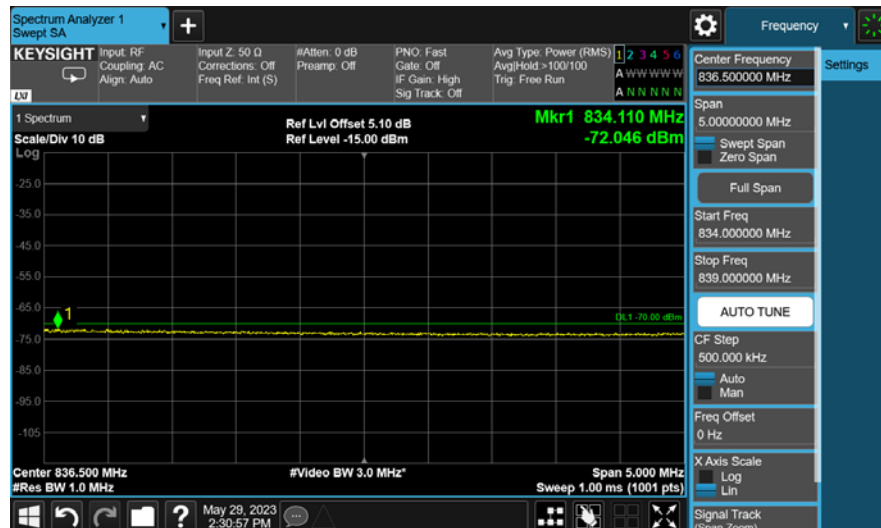


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Authorized CMRS Provider test

UL_Cellular Band_Non-authorized CMRS provider signal (MCC/MCN: 310123)



Remark:

1. The EUT is inactive for at least 30s when change provider code set.
2. The EUT is in compliance with 20.21(e)(9)(i)(I) the noise power limit -70dBm in power off mode.
3. The EUT is in compliance with the gain limit 23dB because the EUT operates in "Transmit Power OFF Mode" and loses its amplification ability.



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