

TEST REPORT

**CTK Co., Ltd.**

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Report No.:

CTK-2026-00280

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1. Applicant

- Name : Samsung Electronics Co., Ltd.
- Address : 129, Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do, 16677, Korea
- Date of Receipt : 2026-01-05

2. Manufacturer

- Name : Samsung Electronics Co., Ltd.
- Address : 129, Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do, 16677, Korea

3. Use of Report : For FCC Class II permissive change**4. Test Sample / Model:** RRU (RF4486) / RF4486-25A**5. Date of Test :** 2026-01-05 to 2026-01-26**6. Test Standard(method) used :** FCC 47 CFR Part 24E, ANSI C63.26-2015**7. Testing Environment:** refer to 8 page**8. Test Results :** Compliance**9. Location of Test :** ☒ Permanent Testing Lab ☐ On Site Testing

(Address : 5, Dongbu-ro 221beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This report cannot be reproduced or copied without the written consent of CTK.

Approval	Tested by	Technical Manager
	Won-Jae Jang: (Signature)	Byung-Kwon In: (Signature)

2026-01-28

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MEASUREMENT REPORT

FCC Rule Part 24E

Mode	Tx Frequency (MHz)	Total Conducted output power		Max Emission Designator	Modulation
		Max. Power (dBm)	Max. Power (W)		
DSS_B/n25(B/n2)_1C_10M	1930MHz to 1990MHz	54.68	294.04	9M37G7D	QPSK
		54.81	302.49	9M36W7D	QAM
DSS_B/n25(B/n2)_1C_20M		54.62	289.48	19M1G7D	QPSK
		54.68	293.67	19M1W7D	QAM
MSR_B/n25(B/n2)_2C DSS_10M+LTE_5M	1930MHz to 1995MHz	54.85	305.22	14M5G7D	QPSK
		54.80	301.74	14M5W7D	QAM
MSR_B/n25(B/n2)_2C DSS_20M+LTE_10M		54.88	307.52	29M1G7D	QPSK
		54.95	312.53	29M1W7D	QAM

EUT Overview

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1.0 REVISION RECORD

Issue Number	Issued Date	Revision History
CTK-2026-00280	01/28/2026	Initial Issue

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2.0 INTRODUCTION

2.1 Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada.

2.2 Laboratory Accreditations and Listings

Country	Agency	Registration Number
USA	FCC	805871
CANADA	ISED	CN : 8737A CAB ID : KR0025
KOREA	NRRA	KR0025

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3.0 PRODUCT INFORMATION

3.1 Equipment Description

The Equipment Under Test (EUT) is the **Samsung RRU (RF4486) FCC ID: RF4486-25A**. The test data contained in this report pertains only to the emissions due to the EUT's licensed transmitters that operate under the provisions of Part 24E. A class II permissive change on the original filing is being pursued to enable Channel Bandwidth without hardware modification.

3.2 Device Capabilities

This device supports the following conditional features and filter information:

FCC ID:	A3LRF4486-25A		
FCC Classification	PCS Licensed Transmitter		
EUT Type:	RRU (4486)		
Model Name:	RF4486-25A		
Test Device Serial No:	S61UA09716		
Device Capabilities:	LTE, 5G NR, DSS		
Operating Band/Frequency Range:	Band	Tx (Downlink)	Rx (Uplink)
	LTE, NR B/n25	1 930 MHz to 1 995 MHz	1 850 MHz to 1 915 MHz
	DSS B/n25(B/n2)	1 930 MHz to 1 990 MHz	1 850 MHz to 1 910 MHz
Supported Modulation:	QPSK, 16QAM, 64QAM, 256QAM		
B/n25(B/n2)_Supported Number of Carriers and Channel Bandwidth:	5/10/15/20 MHz bandwidth for LTE B25 with up to 2CC aggregated of Max. Bandwidth 30 MHz. 5/10/15/20 MHz bandwidth for NR n25 10/20 MHz bandwidth for DSS B/n25(B/n2). 5/10/15/20 MHz bandwidth for LTE and 5/10/15/20 MHz bandwidth for NR and 10/20 MHz bandwidth for DSS with up to 3CC aggregated of Max. Bandwidth 30 MHz.		
Supported Configurations:	Single carrier, Multi carrier, Multi RAT		
Maximum Output Power	320W/Unit		
RF Chain:	4T4R		
Antenna Gain:	Antenna is not provided by manufacture.		
Input Voltage:	DC -48V		



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3.3 Test Configuration

The setup is as follows:

- The EUT Radio unit(RU) and a Data Unit(DU) are each powered by -48V DC power supply.
- The DU is connected to a test laptop via an ethernet cable acting as backhaul.
- DU connects to the EUT through a fiber optic cable.
- An RF cable connects the signal analyzer and the EUT Ports for respective measurement.

The EUT was tested per the guidance of ANSI C63.26-2015 and KDB 971168 D01 v03r01. See Section 8.0 of this test report for a description of the radiated and antenna port conducted emissions tests.

Data unit (DU) which were used in test, that authorized under the SDoC procedure.

The following information is about configurations of carrier frequency and output power per port declared by the manufacturer.

* Abbreviations:

- 1C: Single carrier
- 2C: Contiguous 2 carriers in multi-carrier operation
- 2NC: Non-Contiguous 2 carriers in multi-carrier operation

Configuration	No. of Carriers	Total Bandwidth (MHz)	Carrier Frequency Configuration (MHz)			Rated Power (W/Unit)
			Lowest	Middle	Highest	
DSS_B/n25(B/n2)_1C_10M	1	10	1 935.0	1 960.0	1 985.0	320
DSS_B/n25(B/n2)_1C_20M	1	20	1 940.0	1 960.0	1 980.0	
MSR_B/n25(B/n2)_2C_DSS 10M + LTE 5M	2	15 (10+5)	1 937.5	1 962.5	1 987.5	
MSR_B/n25(B/n2)_2NC_DSS 10M + LTE 5M			1 935.0 + 2 192.5			
MSR_B/n25(B/n2)_2C_DSS 20M + LTE 10M	2	30 (20+10)	1 930.0	1 962.5	1 980.0	
MSR_B/n25(B/n2)_2NC_DSS 20M + LTE 10M			1 940.0 + 1 990.0			

DSS (Dynamic Spectrum Sharing) supports the following ratios, and testing was performed at the highest PSD value ratio.

LTE:NR Ratio	2:8	3:7	4:6	5:5	6:4	7:3	8:2	9:1
PSD dBm/MHz	39.39	39.23	39.51	39.42	39.46	39.60	39.37	39.60

3.4 EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added, and no modifications were made during testing.

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4.0 DESCRIPTION OF TESTS

4.1 Measurement Procedure

The measurement procedures described in the document titled “American National Standard for Compliance Testing of Transmitter Used in Licensed Radio Service” (ANSI C63.26-2015) and the guidance provided in KDB 971168 D01 v03r01, and KDB 662911 D01 v02r01 and KDB 940660 D01 v03 were used in the measurement of the EUT.

Occupied Bandwidth:

KDB 971168 D01 v03r01 – Section 4.3
ANSI C63.26-2015 – Section 5.4.4

Modulation Characteristics:

ANSI C63.26 - Section 5.3

Conducted Power Measurement and EIRP and PSD

KDB 971168 D01 v03r01 – Section 5.3
KDB 971168 D01 v03r01 – Section 5.4
KDB 662911 D01 v02r01 – Section E)1) In-Band Power Measurements
ANSI C63.26-2015 – Section 5.2.5
ANSI C63.26-2015 – Section 5.2.4

Peak-to-Average Power Ratio:

KDB 971168 D01 v03r01 – Section 5.7
ANSI C63.26-2015 – Section 5.2.3.4

Spurious and Harmonic Emissions at Antenna Terminal

KDB 971168 D01 v03r01 – Section 6
KDB 662911 D01 v02r01 – Section E)3) Out-of-Band and Spurious Emission Measurements
a) Absolute Emission Limits
iii) Measure and add $10 \log(N_{ANT})$ dB

ANSI C63.26-2015 – Section 5.7

Radiated unwanted emission

KDB 971168 D01 v03r01 – Section 7
ANSI C63.26-2015 – Section 5.8

Frequency Stability / Temperature Variation

KDB 971168 D01 v03r01 – Section 9
ANSI C63.26-2015 – Section 5.6

4.2 Measurement Software

Test item	Name	Version
Conducted Measurement	Node B automation	1.0
Radiated Measurement	EP5RE	6.0.1.0
	ES10	10.001

4.3 Enviromental Conditions

The temperature is controlled within the range of 15°C to 35°C. The relative humidity is controlled within the range of 10% to 75%. The atmospheric pressure is monitored within the range 86-106kPa (860-1060mbar).

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5.0 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95% level of confidence. The measurement uncertainty shown below meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Description	Uncertainty
Conducted Power Measurement and EIRP	1.5 dB (C.L. : Approx. 95%, $k = 2$)
Occupied bandwidth	0.1 MHz (C.L. : Approx. 95%, $k = 2$)
Peak-to-average power ratio	1.0 dB (C.L. : Approx. 95%, $k = 2$)
Band Edge Emissions at Antenna Terminal	3.0 dB (C.L. : Approx. 95%, $k = 2$)
Spurious and Harmonic Emissions at Antenna Terminal	3.0 dB (C.L. : Approx. 95%, $k = 2$)
Radiated Emissions ($f \leq 1$ GHz)	4.11 dB (C.L. : Approx. 95%, $k = 2$)
Radiated Emissions ($f > 1$ GHz)	4.64 dB (C.L. : Approx. 95%, $k = 2$)
Frequency Stability	0.1 kHz (C.L. : Approx. 95%, $k = 2$)

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6.0 TEST EQUIPMENT CALIBRATION DATA

Test Equipment Calibration is traceable to the National Institute of Standards and Technology (NIST).
Measurement antennas used during testing were calibrated in accordance to the requirements of ANSI C63.5-2017.

Manufacture	Model	Description	Cal Date	Cal interval	Cal Due	Serial Number
Rohde & Schwarz	FSV30	Signal Analyzer	2025-11-25	Annual	2026-11-25	100925
Rohde & Schwarz	FSV40	Spectrum Analyzer	2026-01-10	Annual	2027-01-10	101574
Rohde & Schwarz	ESW44	EMI TEST RECEIVER	2025-04-28	Annual	2026-04-28	102039
TESEQ	CBL6111D	Bilog Antenna	2025-08-21	Annual	2027-08-21	60654
PASTERNAK	PE7AP006-06	Attenuator	2025-07-28	Annual	2026-07-28	L20210504000 023
SONOMA	310N	AMPLIFIER	2025-07-28	Annual	2026-07-28	411011
AGILENT	8449B	Preamplifier	2025-03-11	Annual	2026-03-11	3008A00620
ETS-Lindgren	3115	Double Ridged Guide Antenna	2025-03-13	Annual	2026-03-13	00078895
TESTEK	TK-PA1840H	AMPLIFIER	2025-09-30	Annual	2026-09-30	210124-L
SCHWARZBECK	BBHA9170	HORN ANTENNA	2025-09-30	Annual	2026-09-30	01153
Keysight	N9020B	Signal Analyzer	2025-11-19	Annual	2026-11-19	MY55470135
REACHLINE	250W18NN-40	Attenuator	2025-03-13	Annual	2026-03-13	ey40db001
REACHLINE	250W18NN-40	Attenuator	2025-03-13	Annual	2026-03-13	ey40db004
REACHLINE	250W18NN-40	Attenuator	2025-03-13	Annual	2026-03-13	ey40db006
REACHLINE	250W18NN-40	Attenuator	2025-10-02	Annual	2026-10-02	ey40db015
WAINWRIGHT	WHW-13000-18000-40000-40CC	High Pass Filter	2025-03-14	Annual	2026-03-14	0002
Wainwright Instruments	WHKX3.0/18G-10SS	High Pass Filter	2025-11-10	Annual	2026-11-10	78
EMTEST	RLA29210010-40-F	Attenuator	2025-08-08	Annual	2026-08-08	RLA29210010-40-F-0003
MINICIRCUITS	RC-2SP6T-40	RF Switch System	2025-03-20	Annual	2026-03-20	01911060056
AGILENT	System DC Power Supply	6674A	2025-11-07	Annual	2026-11-07	3637A01452

Table 6-1. Test Equipment

Notes:

1. For equipment listed above that has a calibration date or calibration due date that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.
2. All testing was performed before the calibration due date.

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7.0 SAMPLE CALCULATIONS

Emission Designator

QPSK Modulation

Emission Designator = 9M37G7D

Occupied Bandwidth = 9.37 MHz

G = Phase Modulation

7 = Quantized/Digital Info

D = Data transmission, telemetry, telecommand

QAM Modulation

Emission Designator = 9M36W7D

Occupied Bandwidth = 9.36 MHz

W = Amplitude/Angle Modulated

7 = Quantized/Digital Info

D = Data transmission, telemetry, telecommand

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8.0 TEST RESULTS

8.1 Summary

Company Name: SAMSUNG Electronics Co., Ltd.
FCC ID: A3LRF4486-25A
FCC Classification: PCS Licensed Transmitter
Mode(s): LTE, NR, DSS

FCC Part Section(s)	Test Description	Limit	Test Condition	Test Result	Reference
§ 2.1046	Conducted Average Output Power	N/A	CONDUCTED	PASS	Annex A
§ 2.1049	Occupied Bandwidth	N/A		PASS	Section 8.2
§ 2.1046, § 24.232	Equivalent Isotropic Radiated Power	< 1640 W/MHz		PASS	Section 8.3 (Note 4)
§ 2.1046, § 24.232	Peak-to-average ratio	≤ 13 dB		PASS	Section 8.4
§ 2.1051, § 24.238	Band Edge Emissions at Antenna Terminal	< 43 + log10(P[Watts]) at Band Edge and all out-of-band emissions		PASS	Section 8.5
§ 2.1051, § 24.238	Spurious and Harmonic Emissions at Antenna Terminal			PASS	Section 8.6
§ 2.1055 § 24.235	Frequency Stability	Fundamental emissions stay within authorized frequency block		PASS	(Note 5)
§ 2.1051, § 24.238	Radiated unwanted emission	< 43 + log10(P[Watts]) at Band Edge and all out-of-band emissions	RADIATED	PASS	Section 8.7

Table 8-1. Summary of Test Results

Notes:

- 1) All modes of operation and data rates were investigated. The test results shown in the following sections represent the worst case emissions.
- 2) The analyzer plots were all taken with a correction table loaded into the analyzer.
- 3) All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.
- 4) The maximum antenna gain and Limit are determined at the time of licensing depending on the Geographical Location of the base station.
- 5) This is a variant report for enabling the channel bandwidth by software without any hardware modification. Frequency Stability test is not affected by this change item, and it was already performed in the original report.

8.2 Occupied Bandwidth

Test Overview

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 4.3

ANSI C63.26-2015 – Section 5.4.4

Test Setting

The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The spectrum analyzer settings were as follows:

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1 – 5% of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

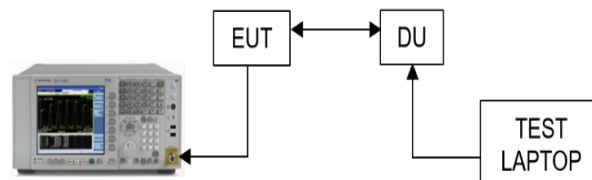


Figure 8-1. Test Instrument & Measurement Setup

Test Notes

None



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Channel	Port	OBW (MHz)			
		QPSK	16QAM	64QAM	256QAM
Low	0	9.31	9.30	9.33	9.32
	1	9.32	9.27	9.32	9.33
	2	9.37	9.32	9.35	9.31
	3	9.32	9.31	9.34	9.33
Middle	0	9.31	9.30	9.33	9.31
	1	9.32	9.33	9.34	9.34
	2	9.32	9.31	9.32	9.32
	3	9.30	9.29	9.34	9.32
High	0	9.36	9.30	9.33	9.34
	1	9.31	9.31	9.35	9.31
	2	9.33	9.26	9.35	9.30
	3	9.33	9.29	9.36	9.34

Table 8-2. Occupied Bandwidth Summary Data (DSS_B/n25(B/n2)_1C_10M)

Channel	Port	OBW (MHz)			
		QPSK	16QAM	64QAM	256QAM
Low	0	18.96	18.92	19.02	18.93
	1	19.00	18.94	19.03	18.98
	2	19.00	18.99	19.05	18.96
	3	19.03	18.95	19.03	18.93
Middle	0	19.03	18.96	19.03	19.00
	1	19.00	18.95	19.02	19.00
	2	19.09	18.96	19.01	18.95
	3	19.09	18.98	19.09	19.04
High	0	19.01	18.94	19.01	19.01
	1	18.99	18.99	19.00	19.05
	2	18.99	18.95	19.05	19.07
	3	19.04	18.96	19.04	18.96

Table 8-3. Occupied Bandwidth Summary Data (DSS_B/n25(B/n2)_1C_20M)

Channel	Port	OBW (MHz)			
		MSR_B/n25(B/n2)_2C_DSS_10M+LTE_5M		MSR_B/n25(B/n2)_2C_DSS_20M+LTE_10M	
		QPSK	16QAM	QPSK	16QAM
Low	0	14.42	14.38	28.94	28.98
	1	14.40	14.42	28.96	28.97
	2	14.44	14.37	29.07	29.03
	3	14.41	14.37	28.98	28.96
Middle	0	14.44	14.46	29.08	29.06
	1	14.45	14.40	29.07	28.93
	2	14.47	14.41	29.07	29.05
	3	14.42	14.37	29.09	28.98
High	0	14.43	14.42	29.11	29.01
	1	14.44	14.42	29.07	29.03
	2	14.47	14.37	28.98	29.00
	3	14.46	14.41	28.99	29.00

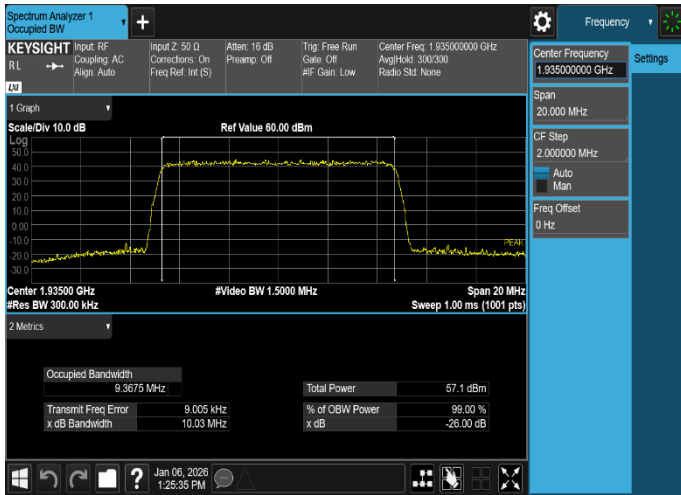
Table 8-4. Occupied Bandwidth Summary Data (MSR_B/n25(B/n2)_Multi carrier)



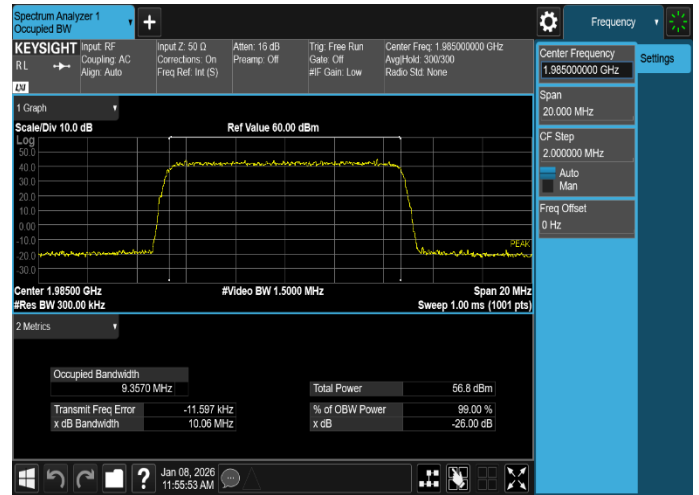
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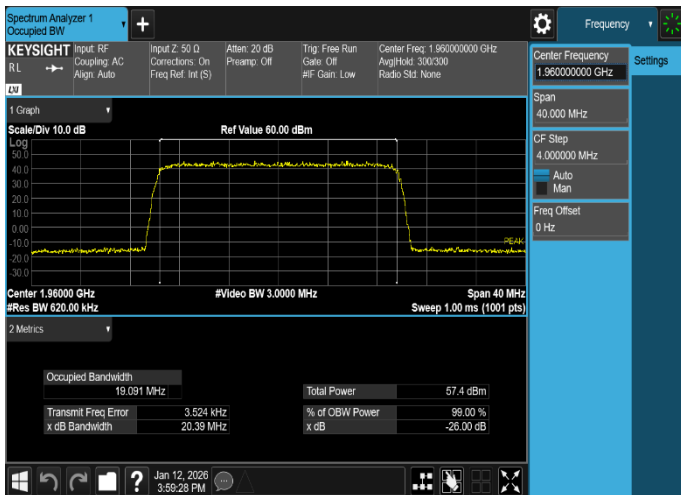
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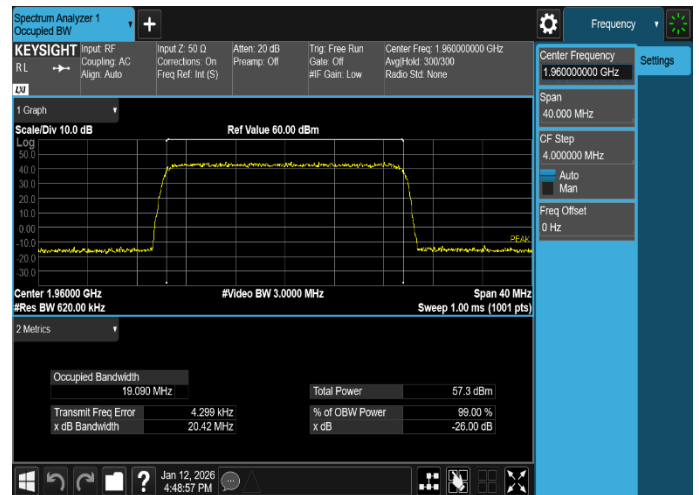
Plot 8-1. Occupied Bandwidth Plot
(DSS_B/n25(B/n2)_1C_10M_QPSK - Low Channel, Port 2)



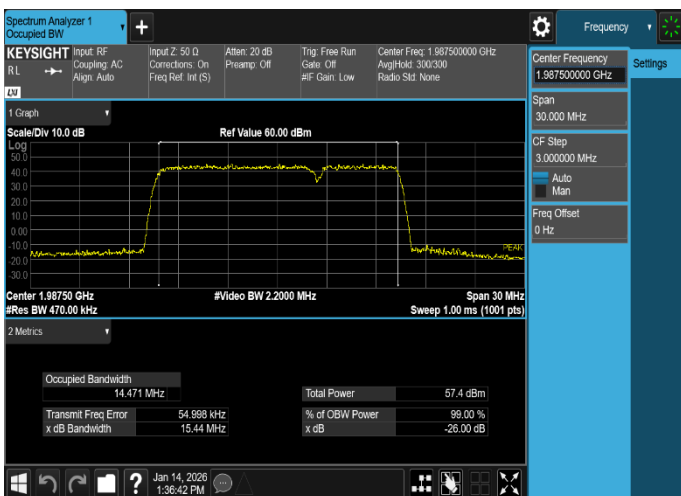
Plot 8-2. Occupied Bandwidth Plot
(DSS_B/n25(B/n2)_1C_10M_64QAM - High Channel, Port 3)



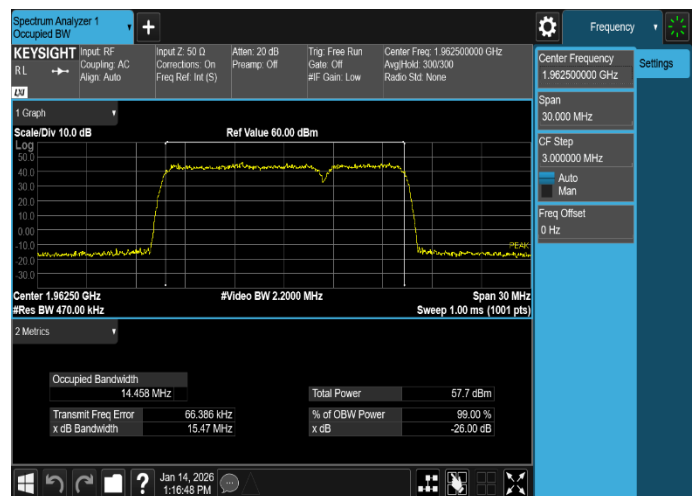
Plot 8-3. Occupied Bandwidth Plot
(DSS_B/n25(B/n2)_1C_20M_QPSK - Mid Channel, Port 2)



Plot 8-4. Occupied Bandwidth Plot
(DSS_B/n25(B/n2)_1C_20M_64QAM - Mid Channel, Port 3)



Plot 8-5. Occupied Bandwidth Plot
(MSR_B/n25(B/n2)_2C_DSS_10M+LTE_5M_QPSK - High Channel, Port 2)



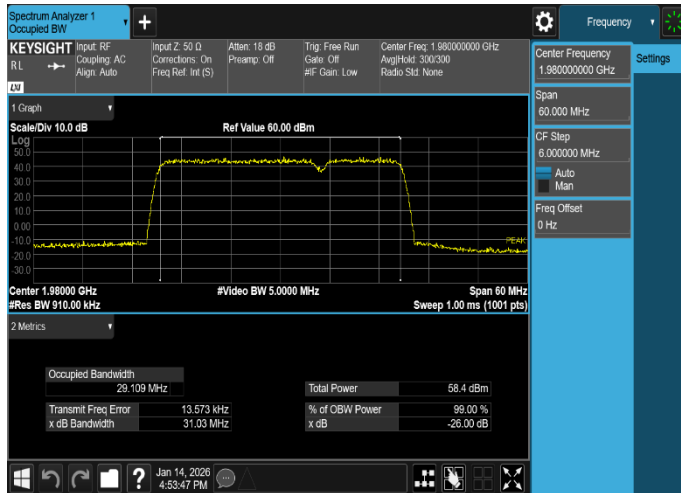
Plot 8-6. Occupied Bandwidth Plot
(MSR_B/n25(B/n2)_2C_DSS_10M+LTE_5M_16QAM - Mid Channel, Port 0)



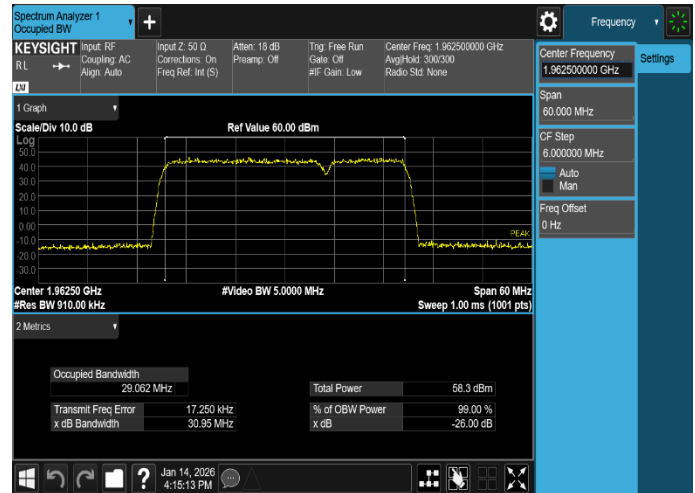
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Plot 8-7. Occupied Bandwidth Plot
(MSR_B/n25(B/n2)_2C_DSS_20M+LTE_10M_QPSK - High
Channel, Port 0)



Plot 8-8. Occupied Bandwidth Plot
MSR_B/n25(B/n2)_2C_DSS_20M+LTE_10M_16QAM - Mid
Channel, Port 0)

8.3 Equivalent Isotropically Radiated Power

Test Overview

A transmitter port of EUT is connected to the input of a signal analyzer. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Description

KDB 971168 D01 v03r01 – Section 5

KDB 662911 D01 v02r01 – Section E)1) In-Band Power Measurements

ANSI C63.26-2015 – Section 5.2.4.4.1

The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The spectrum analyzer settings were as follows:

1. Conducted power measurements are performed using the signal analyzer's "SA" measurement capability for signals with continuous operation.
2. Set span to $2 \times$ to $3 \times$ the OBW.
3. Set RBW = 1 MHz (the reference bandwidth)
4. Set VBW $\geq 3 \times$ RBW.
5. Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
6. Sweep time:
 - a) Set $\geq$ auto-couple, and enable trace averaging, or
 - b) Set $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ and enable a single sweep (automation-compatible) measurement. The sweep time should never be faster than the auto-coupled sweep time.
7. Detector = power averaging (rms).
8. The trace was allowed to stabilize
9. Use the peak marker function to determine the maximum amplitude level. ($=P_{\text{Meas}}$)
10. The relevant equation for determining the maximum EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_T$$
 where
 GT: gain of the transmitting antenna, in dBi (EIRP).

Test Setup

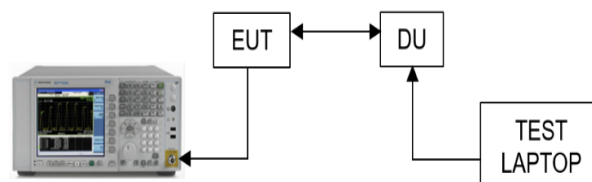


Figure 8-2. Test Instrument & Measurement Setup

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Limit**§ 24.232(a) (2)**

Base stations with an emission bandwidth greater than 1 MHz are limited to 1640 watts/MHz equivalent isotropically radiated power (EIRP) with an antenna height up to 300 meters HAAT, except as described in paragraph (b) below.

Note: The maximum antenna gain and EIRP limit are determined at the time of licensing depending on the geographical location of the base station.

Test Notes

1. For test results, an estimated calculated maximum permissible conducted output power is reported. The required reduction measurements will be performed after the installation.
2. Consider the following factors for MIMO:
The output power per each port is measured as dBm/MHz or dBm, the output powers are summed up in linear using the measure-and-sum technique defined in KDB 971168 D01 v03r01 - Section E) 2).
3. The output power per port (dBm/MHz or dBm) is converted to a linear value (mW). A summation of linear powers for all ports gives us the total MIMO Conducted Power (mW). We convert this back to logarithmic scale for further output power calculations.
4. Sample Calculation for DSS_B/n25(B/n2)_1C_10M_QPSK - Low Channel:
Let us assume the following numbers:
 - a) Total MIMO Conducted Power as 37602.80 milliWatts
 - b)

Factors		Value	Unit
Summed MIMO Conducted Power (linear sum)		37602.80	mW/MHz
Summed MIMO Conducted Power (dBm)	$= 10 * \log (37602.80) =$	45.75	dBm



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Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Power Spectral Density(dBm/MHz)	0	39.62	39.75	39.64	39.58
	1	39.87	39.81	39.95	39.79
	2	39.86	39.87	39.91	39.71
	3	39.57	39.73	39.60	39.55
Total MIMO PSD (mW/MHz)		37602.80	38105.98	38003.39	36971.61
Total MIMO PSD (dBm/MHz)		45.75	45.81	45.80	45.68
Middle Channel	Port	QPSK	16QAM	64QAM	256QAM
Power Spectral Density(dBm/MHz)	0	39.38	39.75	39.51	39.44
	1	39.60	39.89	39.74	39.67
	2	39.64	39.89	39.71	39.71
	3	39.42	39.72	39.55	39.62
Total MIMO PSD (mW/MHz)		35745.90	38317.86	36728.24	36561.57
Total MIMO PSD (dBm/MHz)		45.53	45.83	45.65	45.63
High Channel	Port	QPSK	16QAM	64QAM	256QAM
Power Spectral Density(dBm/MHz)	0	39.59	39.89	39.77	39.55
	1	39.72	40.04	39.71	39.70
	2	39.73	39.99	39.91	39.81
	3	39.55	39.81	39.47	39.47
Total MIMO PSD (mW/MHz)		36891.61	39385.15	37486.73	36743.74
Total MIMO PSD (dBm/MHz)		45.67	45.95	45.74	45.65

Table 8-5. Equivalent Isotropically Radiated PowerTable (DSS_B/n25(B/n2)_1C_10M)

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Power Spectral Density (dBm/MHz)	0	36.70	36.77	36.67	36.61
	1	36.77	36.89	36.64	36.79
	2	36.79	36.94	36.64	36.64
	3	36.66	36.67	36.52	36.54
Total MIMO PSD (mW/MHz)		18843.71	19223.87	18369.56	18481.24
Total MIMO PSD (dBm/MHz)		42.75	42.84	42.64	42.67
Middle Channel	Port	QPSK	16QAM	64QAM	256QAM
Power Spectral Density (dBm/MHz)	0	36.53	36.74	36.65	36.66
	1	36.65	36.81	36.82	36.73
	2	36.61	36.88	36.68	36.70
	3	36.50	36.83	36.68	36.56
Total MIMO PSD (mW/MHz)		18165.67	19216.08	18749.40	18555.98
Total MIMO PSD (dBm/MHz)		42.59	42.84	42.73	42.68
High Channel	Port	QPSK	16QAM	64QAM	256QAM
Power Spectral Density(dBm/MHz)	0	36.54	36.70	36.47	36.51
	1	36.69	36.96	36.72	36.64
	2	36.79	37.01	36.90	36.75
	3	36.66	36.91	36.59	36.48
Total MIMO PSD (mW/MHz)		18569.58	19569.86	18576.12	18273.58
Total MIMO PSD (dBm/MHz)		42.69	42.92	42.69	42.62

Table 8-6. Equivalent Isotropically Radiated PowerTable (DSS_B/n25(B/n2)_1C_20M)



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Low Channel	Port	MSR_B/n25(B/n2)_2C_ DSS_10M+LTE_5M		MSR_B/n25(B/n2)_2C_ DSS_20M+LTE_10M	
		QPSK	16QAM	QPSK	16QAM
Power Spectral Density(dBm/MHz)	0	38.06	38.47	35.27	35.70
	1	38.17	38.41	35.28	35.64
	2	38.16	38.38	35.39	35.78
	3	38.02	38.12	35.25	35.63
Total MIMO PSD (mW/MHz)		25840.90	27344.24	13547.77	14819.30
Total MIMO PSD(dBm/MHz)		44.12	44.37	41.32	41.71
Middle Channel	Port	QPSK	16QAM	QPSK	16QAM
Power Spectral Density(dBm/MHz)	0	38.10	38.32	35.35	35.72
	1	38.22	38.53	35.26	35.58
	2	38.25	38.62	35.24	35.71
	3	37.99	38.28	35.21	35.52
Total MIMO PSD (mW/MHz)		26070.75	27916.65	13439.03	14631.64
Total MIMO PSD(dBm/MHz)		44.16	44.46	41.28	41.65
High Channel	Port	QPSK	16QAM	QPSK	16QAM
Power Spectral Density(dBm/MHz)	0	37.98	38.22	35.50	35.83
	1	38.17	38.39	35.39	35.54
	2	38.04	38.47	35.14	35.56
	3	37.79	38.22	35.21	35.49
Total MIMO PSD (mW/MHz)		25227.31	27203.25	13586.92	14540.17
Total MIMO PSD(dBm/MHz)		44.02	44.35	41.33	41.63

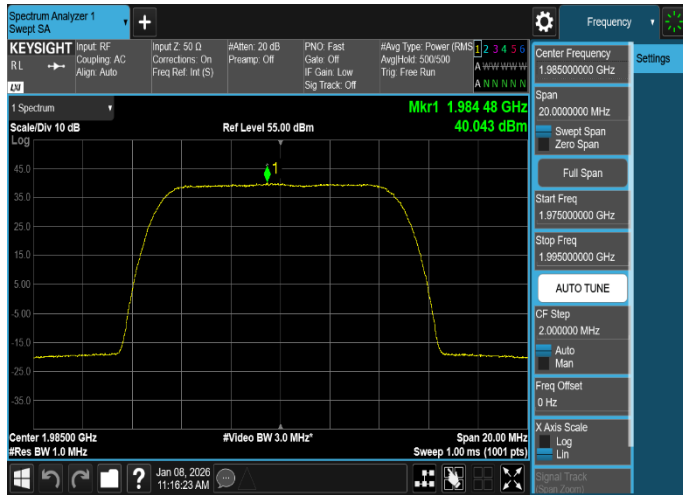
Table 8-7. Equivalent Isotropically Radiated PowerTable (MSR_B/n25(B/n2)_Multi carrier)



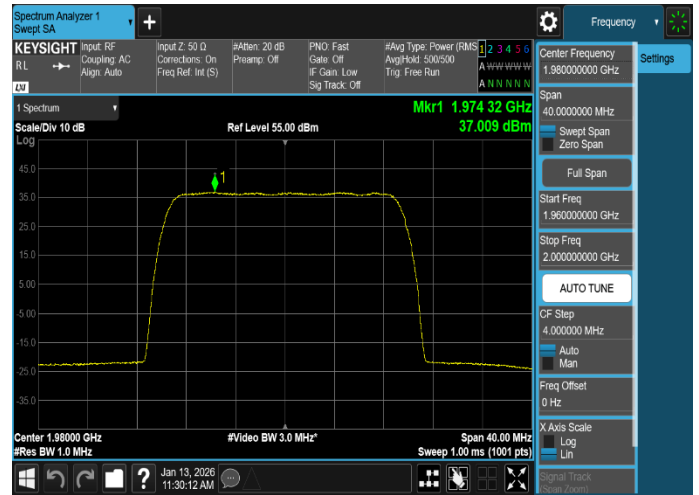
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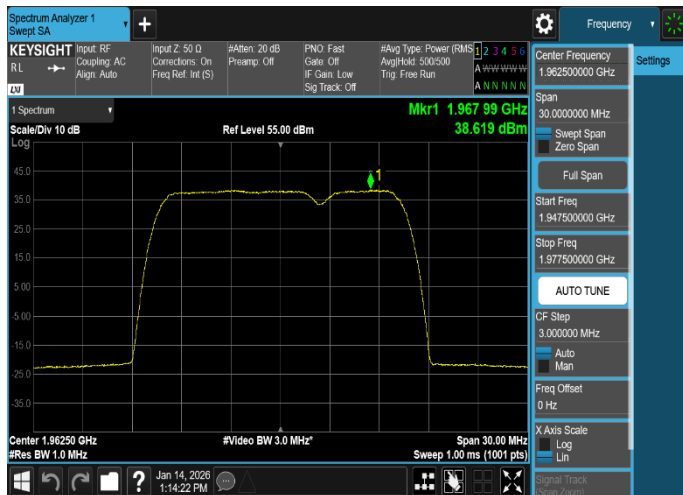
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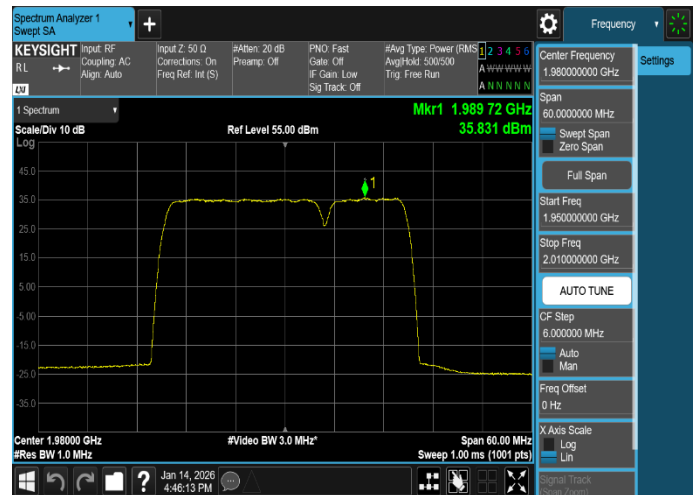
Plot 8-9. Equivalent Isotropically Radiated Power Plot
(DSS_B/n25(B/n2)_1C_10M_16QAM - High Channel, Port 1)



Plot 8-10. Equivalent Isotropically Radiated Power Plot
(DSS_B/n25(B/n2)_1C_20M_16QAM - High Channel, Port 2)



Plot 8-11. Equivalent Isotropically Radiated Power Plot
(MSR_B/n25(B/n2)_2C_DSS_10M+LTE_5M_16QAM - Mid
Channel, Port 2)



Plot 8-12. Equivalent Isotropically Radiated Power Plot
(MSR_B/n25(B/n2)_2C_DSS_20M+LTE_10M_16QAM - High
Channel, Port 0)

8.4 Peak To Average Ratio

Test Overview

The peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7

ANSI C63.26-2015 – Section 5.2.3.4

Test Setting

The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The spectrum analyzer settings were as follows:

1. The signal analyzer's CCDF function is enabled.
2. Frequency = carrier center frequency
3. Measurement BW $\geq$ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.

Test Setup

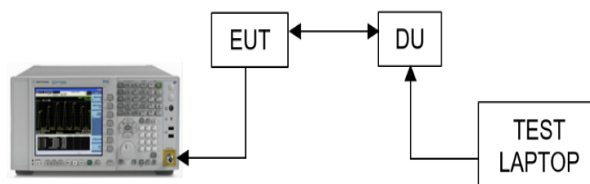


Figure 8-3. Test Instrument & Measurement Setup

Limit

§ 24.232

The peak-to-average power ratio (PAPR) limit shall not exceed 13 dB for more than 0.1% of the time.



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Channel	Port	Peak To Average Power Ratio (PAPR) (dB)			
		QPSK	16QAM	64QAM	256QAM
Low	0	7.65	7.68	7.63	7.66
	1	7.63	7.66	7.63	7.68
	2	7.64	7.70	7.64	7.65
	3	7.66	7.69	7.63	7.68
Middle	0	7.63	7.63	7.64	7.62
	1	7.64	7.65	7.61	7.62
	2	7.63	7.64	7.62	7.63
	3	7.62	7.65	7.60	7.62
High	0	7.61	7.64	7.60	7.62
	1	7.63	7.64	7.60	7.63
	2	7.63	7.65	7.62	7.63
	3	7.61	7.63	7.60	7.63
Limit (dB)		13.0			
Worst Margin (dB)		- 5.3			

Table 8-8. Peak To Average Power Ratio Summary Data (DSS_B/n25(B/n2)_1C_10M)

Channel	Port	Peak To Average Power Ratio (PAPR) (dB)			
		QPSK	16QAM	64QAM	256QAM
Low	0	7.82	7.81	7.83	7.83
	1	7.81	7.83	7.84	7.78
	2	7.84	7.82	7.87	7.82
	3	7.83	7.84	7.86	7.83
Middle	0	7.69	7.72	7.70	7.71
	1	7.72	7.70	7.72	7.71
	2	7.70	7.72	7.71	7.72
	3	7.70	7.71	7.73	7.70
High	0	7.70	7.72	7.70	7.71
	1	7.70	7.75	7.71	7.70
	2	7.70	7.73	7.72	7.71
	3	7.66	7.74	7.70	7.73
Limit (dB)		13.0			
Worst Margin (dB)		- 5.13			

Table 8-9. Peak To Average Power Ratio Summary Data (DSS_B/n25(B/n2)_1C_20M)



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Channel	Port	Peak To Average Power Ratio (PAPR) (dB)	
		MSR_B/n25(B/n2)_2C_ DSS_10M+LTE_5M	MSR_B/n25(B/n2)_2C_ DSS_20M+LTE_10M
		QPSK	QPSK
Low	0	7.89	8.05
	1	7.90	8.02
	2	7.90	8.07
	3	7.90	8.06
Middle	0	7.89	7.96
	1	7.90	7.95
	2	7.90	7.94
	3	7.87	7.91
High	0	7.88	7.93
	1	7.87	7.96
	2	7.86	7.94
	3	7.90	7.92
Limit (dB)		13.0	13.0
Worst Margin (dB)		- 5.1	- 4.93

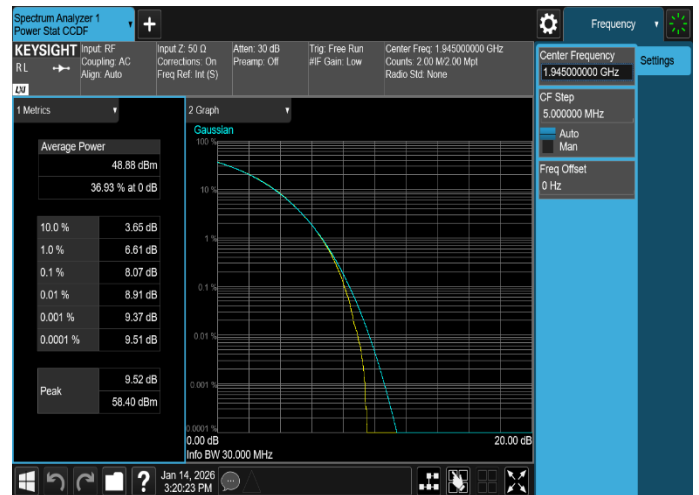
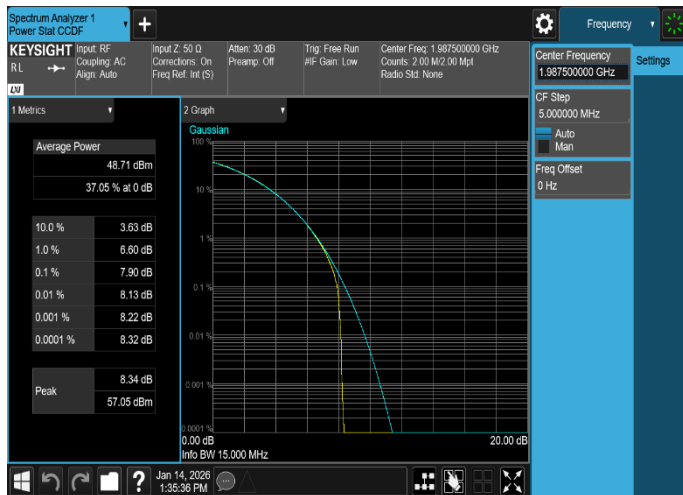
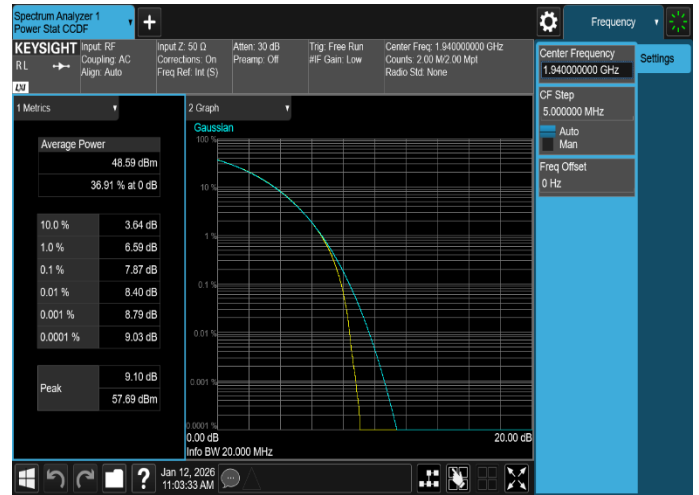
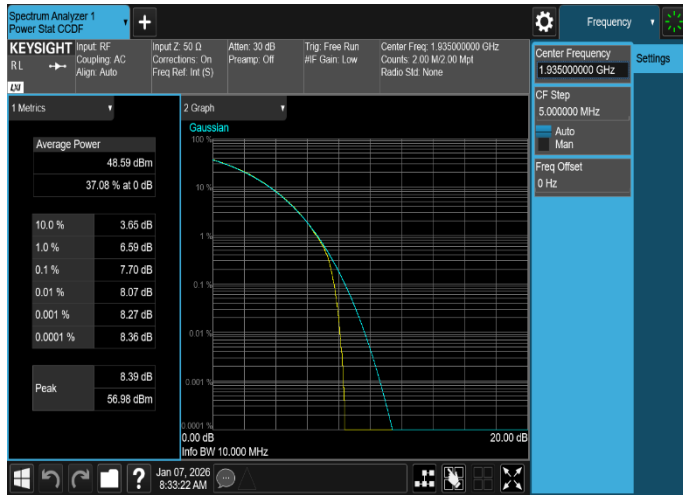
Table 8-10. Peak To Average Power Ratio Summary Data (MSR_B/n25(B/n2)_Multi carrier)



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8.5 Band Edge Emissions at Antenna Terminal

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6

KDB 662911 D01 v02r01 – Section E)3) Out-of-Band and Spurious Emission Measurements

a) Absolute Emission Limits

iii) Measure and add $10 \log(N_{ANT})$ dB

ANSI C63.26-2015 – Section 5.7.3

Test Setting

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW: 1 MHz (the reference bandwidth)
4. VBW $\geq 3 \times$ RBW
5. Detector = RMS
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = trace average
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

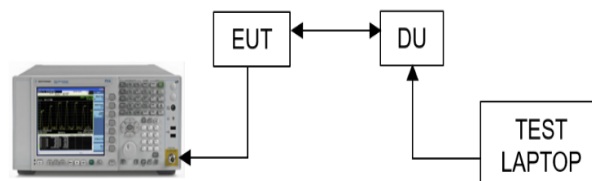


Figure 8-4. Test Instrument & Measurement Setup

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Limit**§ 24.238**

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

Test Notes

1. Per part 24, Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
2. Detect with a margin of under 1dB to limit, the integration method was performed using the spectrum analyzer's band power functions according to ANSI C63.26-2015 – Section 5.7 and using the method KDB 971168 D01 v03r01 - Section E) 3) ii). The integration value was set to a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter.
3. The limits were adjusted by a factor of $[-10 \cdot \log(4)]$ dB to account for the device operation as a 4 port MIMO transmitter as per FCC KDB 622911. MIMO Factor calculation as below:
MIMO Factor = $10 \cdot \log(4) = 6.02$ dB

Frequency range	Basic Limit (dBm/MHz)	MIMO Factor (dB)	Adjusted limit (dBm/MHz)
Low band edge – 1MHz	-13.00	6.02	-19.02
High band edge + 1MHz	-13.00	6.02	-19.02

Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor

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Edge	Port	Measured Range	Max. Value (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	1929 to 1930 MHz	-25.98	-24.79	-24.87	-25.10	-19.02	-5.76
	1		-23.71	-25.59	-24.84	-24.38		-4.69
	2		-25.89	-25.23	-24.39	-25.26		-5.37
	3		-27.64	-24.28	-24.57	-26.08		-5.26
High	0	1929 to 1930 MHz	-24.36	-24.30	-24.79	-24.57		-5.28
	1		-24.91	-24.15	-24.83	-24.94		-5.13
	2		-23.24	-24.71	-25.79	-24.96		-4.22
	3		-25.76	-24.41	-24.97	-24.38		-5.36

Table 8-11. Band Edge Emission Summary Data (DSS_B/n25(B/n2)_1C_10M)

Edge	Port	Measured Range	Max. Value (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	1929 to 1930 MHz	-26.03	-27.49	-26.34	-26.75	-19.02	-7.01
	1		-26.32	-26.49	-25.87	-26.68		-6.85
	2		-27.01	-26.71	-25.84	-26.96		-6.82
	3		-26.85	-26.34	-26.81	-26.30		-7.28
High	0	1929 to 1930 MHz	-26.40	-25.95	-26.76	-25.69		-6.67
	1		-25.89	-25.92	-26.52	-27.20		-6.87
	2		-26.42	-26.06	-26.70	-25.72		-6.70
	3		-26.64	-26.50	-26.75	-26.47		-7.45

Table 8-12. Band Edge Emission Summary Data (DSS_B/n25(B/n2)_1C_20M)

Edge	Port	Measured Range	Max. Value (dBm)		Limit (dBm)	Worst Margin (dB)
			MSR_B/n25(B/n2)_2C DSS 10M+LTE 5M	MSR_B/n25(B/n2)_2C DSS 20M+LTE 10M		
			QPSK	QPSK		
Low	0	1929 to 1930 MHz	-24.35	-25.07	-19.02	-5.33
	1		-23.50	-25.32		-4.48
	2		-24.23	-25.69		-5.21
	3		-23.26	-25.74		-4.24
High	0	1995 to 1996 MHz	-25.01	-25.40		-5.99
	1		-24.73	-25.78		-5.71
	2		-25.11	-25.50		-6.09
	3		-25.67	-26.02		-6.65

Table 8-13. Band Edge Emission Summary Data (MSR_B/n25(B/n2)_Multi carrier)

Edge	Port	Measured Range	Max. Value (dBm)		Limit (dBm)	Worst Margin (dB)
			MSR_B/n25(B/n2)_2NC DSS 10M+LTE 5M	MSR_B/n25(B/n2)_2NC DSS 20M+LTE 10M		
			QPSK	QPSK		
Low	0	1929 to 1930 MHz	-24.78	-27.74	-19.02	-5.76
	1		-24.39	-27.60		-5.37
	2		-24.08	-27.42		-5.06
	3		-24.91	-27.45		-5.89
High	0	1995 to 1996 MHz	-25.34	-25.83		-6.32
	1		-25.26	-25.40		-6.24
	2		-25.89	-25.89		-6.87
	3		-25.42	-26.12		-6.39

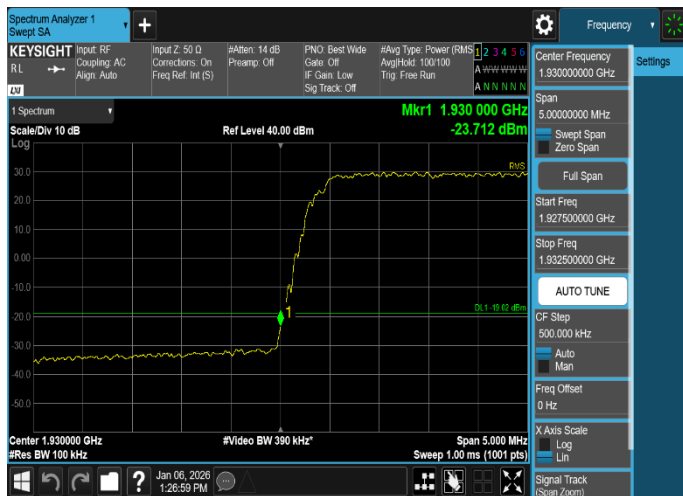
Table 8-14. Band Edge Emission Summary Data (MSR_B/n25(B/n2)_Multi carrier)



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Plot 8-17. Band Edge Emission Summary Data Plot
(DSS_B/n25(B/n2)_1C_10M_QPSK - Low Edge, Port 1)



Plot 8-18. Band Edge Emission Summary Data Plot
(DSS_B/n25(B/n2)_1C_10M_QPSK - High Edge, Port 2)



Plot 8-19. Band Edge Emission Summary Data Plot
(DSS_B/n25(B/n2)_1C_20M_64QAM - Low Edge, Port 2)



Plot 8-20. Band Edge Emission Summary Data Plot
(DSS_B/n25(B/n2)_1C_20M_256QAM - High Edge, Port 0)



Plot 8-21. Band Edge Emission Summary Data Plot
(MSR_B/n25(B/n2)_2C_DSS_10M+LTE_5M_QPSK - Low
Edge, Port 3)



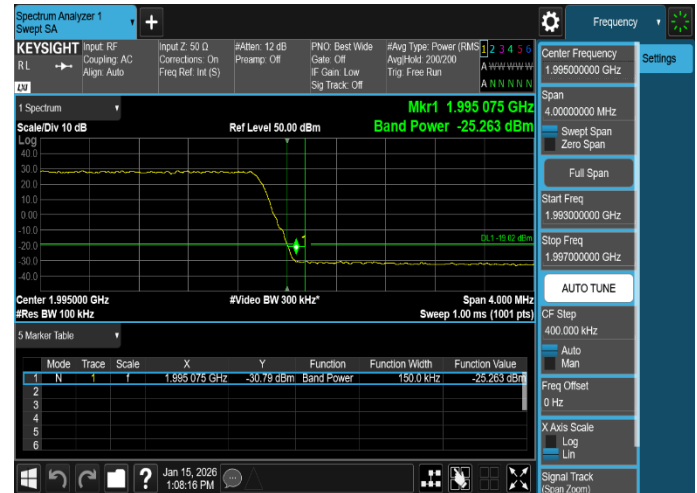
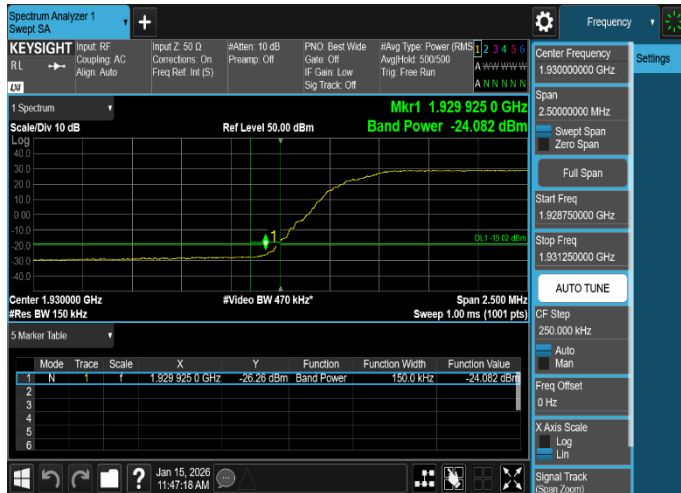
Plot 8-22. Band Edge Emission Summary Data Plot
(MSR_B/n25(B/n2)_2C_DSS_10M+LTE_5M_QPSK - High
Edge, Port 1)



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8.6 Spurious and Harmonic Emissions at Antenna Terminal

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6

KDB 662911 D01 v02r01 – Section E)3) Out-of-Band and Spurious Emission Measurements

a) Absolute Emission Limits

iii) Measure and add $10 \log(N_{ANT})$ dB

ANSI C63.26-2015 – Section 5.7

Test Setting

1. Start frequency was set to 9 kHz and stop frequency was set to at least $10 \times$ the fundamental frequency excluding the frequency range of the band edge measurement.
2. RBW: 1 MHz (the reference bandwidth)
3. $VBW \geq 3 \times RBW$
4. Detector = RMS
5. Number of sweep points $\geq 2 \times \text{Span}/RBW$
6. Trace mode = trace average
7. Sweep time = auto couple
8. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

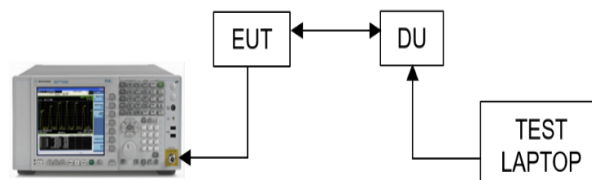


Figure 8-5. Test Instrument & Measurement Setup

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Limit**§ 24.238**

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

Test Notes

1. Per Part 24, Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
2. The limits were adjusted by a factor of $[-10 \cdot \log(4)]$ dB to account for the device operation as a 4 port MIMO transmitter as per FCC KDB 622911. MIMO Factor calculation as below:
MIMO Factor = $10 \cdot \log(4) = 6.02$ dB
Basic limit (-13dBm/1MHz) - MIMO Factor (6.02dB) = 19.02 dBm

Frequency range	Basic Limit (dBm/MHz)	MIMO Factor (dB)	Adjusted limit (dBm)
9 kHz to 22 GHz	-13.00	6.02	-19.02

Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor - RBW Factor

3. Narrower RBW parameter is applied according to Section 5.7 of ANSI C63.26-2015 for some edge channels due to improving measurement accuracy. RBW factor was applied as a correction factor to each data point of the Ext gain, as calculated below:

$$\text{RBW Factor} = 10 \cdot \log(\text{reference bandwidth} / \text{measurement bandwidth})$$

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CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-27.28	-27.41	-27.31	-27.41	-19.02	-8.26
		150 kHz to 30 MHz	-27.41	-27.14	-27.85	-27.88	-19.02	-8.12
		30 MHz to 1.9 GHz	-27.91	-27.67	-27.76	-28.03	-19.02	-8.65
		1.9 GHz to 1.929 GHz	-22.64	-22.23	-22.56	-23.11	-19.02	-3.21
		1.99 GHz to 3 GHz	-25.69	-25.31	-25.17	-25.46	-19.02	-6.15
		3 GHz to 18 GHz	-41.46	-41.37	-41.13	-41.39	-19.02	-22.11
		18 GHz to 22 GHz	-37.45	-37.49	-37.07	-37.39	-19.02	-18.05
	1	9 kHz to 150 kHz	-27.33	-27.45	-27.60	-27.40	-19.02	-8.31
		150 kHz to 30 MHz	-28.39	-26.10	-26.55	-29.33	-19.02	-7.08
		30 MHz to 1.9 GHz	-27.72	-27.78	-27.86	-27.85	-19.02	-8.70
		1.9 GHz to 1.929 GHz	-23.04	-22.38	-23.45	-24.02	-19.02	-3.36
		1.99 GHz to 3 GHz	-25.30	-25.81	-25.38	-25.49	-19.02	-6.28
		3 GHz to 18 GHz	-41.43	-41.34	-41.12	-41.25	-19.02	-22.10
		18 GHz to 22 GHz	-37.35	-37.42	-37.34	-37.12	-19.02	-18.10
	2	9 kHz to 150 kHz	-27.14	-27.12	-27.20	-27.33	-19.02	-8.10
		150 kHz to 30 MHz	-26.98	-28.31	-28.09	-26.78	-19.02	-7.76
		30 MHz to 1.9 GHz	-27.54	-27.38	-27.55	-27.74	-19.02	-8.36
		1.9 GHz to 1.929 GHz	-23.85	-22.69	-22.68	-22.24	-19.02	-3.22
		1.99 GHz to 3 GHz	-25.68	-25.47	-25.69	-25.65	-19.02	-6.45
		3 GHz to 18 GHz	-41.28	-41.48	-41.22	-41.42	-19.02	-22.20
		18 GHz to 22 GHz	-37.20	-37.27	-37.03	-37.28	-19.02	-18.01
	3	9 kHz to 150 kHz	-28.47	-29.07	-28.51	-29.22	-19.02	-9.45
		150 kHz to 30 MHz	-28.75	-29.14	-28.41	-28.20	-19.02	-9.18
		30 MHz to 1.9 GHz	-27.55	-27.54	-27.66	-27.75	-19.02	-8.52
		1.9 GHz to 1.929 GHz	-23.15	-21.91	-22.15	-22.91	-19.02	-2.89
		1.99 GHz to 3 GHz	-25.56	-25.85	-25.55	-25.80	-19.02	-6.53
		3 GHz to 18 GHz	-41.54	-41.50	-41.25	-41.49	-19.02	-22.23
		18 GHz to 22 GHz	-36.94	-37.30	-37.45	-37.18	-19.02	-17.92
Mid	0	9 kHz to 150 kHz	-26.99	-27.27	-27.22	-27.07	-19.02	-7.97
		150 kHz to 30 MHz	-28.30	-28.04	-26.52	-27.18	-19.02	-7.50
		30 MHz to 1.9 GHz	-27.83	-27.84	-28.10	-28.06	-19.02	-8.81
		1.9 GHz to 1.93 GHz	-25.33	-25.28	-25.25	-25.00	-19.02	-5.98
		1.99 GHz to 3 GHz	-25.05	-25.43	-24.82	-24.56	-19.02	-5.54
		3 GHz to 18 GHz	-41.31	-41.52	-41.26	-41.27	-19.02	-22.24
		18 GHz to 22 GHz	-37.25	-37.10	-37.45	-37.34	-19.02	-18.08
	1	9 kHz to 150 kHz	-27.47	-27.55	-27.62	-27.51	-19.02	-8.45
		150 kHz to 30 MHz	-27.89	-27.90	-27.43	-28.08	-19.02	-8.41
		30 MHz to 1.9 GHz	-27.82	-27.53	-27.39	-27.61	-19.02	-8.37
		1.9 GHz to 1.93 GHz	-25.31	-24.86	-25.40	-24.65	-19.02	-5.63
		1.99 GHz to 3 GHz	-25.85	-25.06	-25.57	-25.42	-19.02	-6.04
		3 GHz to 18 GHz	-41.50	-41.37	-41.25	-41.29	-19.02	-22.23
		18 GHz to 22 GHz	-37.20	-37.40	-37.24	-37.28	-19.02	-18.18
	2	9 kHz to 150 kHz	-27.11	-27.28	-27.41	-27.18	-19.02	-8.09



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High	3	150 kHz to 30 MHz	-26.92	-27.93	-29.01	-26.54	-19.02	-7.52
		30 MHz to 1.9 GHz	-27.69	-27.71	-27.69	-27.49	-19.02	-8.47
		1.9 GHz to 1.93 GHz	-25.26	-24.96	-25.68	-24.98	-19.02	-5.94
		1.99 GHz to 3 GHz	-25.01	-25.61	-25.17	-25.78	-19.02	-5.99
		3 GHz to 18 GHz	-41.39	-41.39	-41.25	-41.35	-19.02	-22.23
		18 GHz to 22 GHz	-37.40	-37.35	-37.29	-37.03	-19.02	-18.01
		9 kHz to 150 kHz	-28.85	-29.09	-29.00	-29.14	-19.02	-9.83
		150 kHz to 30 MHz	-29.95	-29.25	-28.92	-30.27	-19.02	-9.90
		30 MHz to 1.9 GHz	-27.75	-27.74	-27.61	-27.51	-19.02	-8.49
		1.9 GHz to 1.93 GHz	-24.78	-24.78	-24.94	-24.44	-19.02	-5.42
		1.99 GHz to 3 GHz	-25.45	-25.45	-25.27	-24.86	-19.02	-5.84
		3 GHz to 18 GHz	-41.13	-41.17	-41.30	-41.40	-19.02	-22.11
		18 GHz to 22 GHz	-37.34	-37.21	-37.46	-37.45	-19.02	-18.19
	0	9 kHz to 150 kHz	-27.09	-27.08	-26.99	-27.03	-19.02	-7.97
		150 kHz to 30 MHz	-25.75	-26.50	-27.48	-28.21	-19.02	-6.73
		30 MHz to 1.9 GHz	-28.13	-27.84	-28.03	-27.80	-19.02	-8.78
		1.9 GHz to 1.93 GHz	-25.86	-25.77	-25.64	-25.61	-19.02	-6.59
		1.991 GHz to 3 GHz	-22.00	-23.16	-22.25	-21.66	-19.02	-2.64
		3 GHz to 18 GHz	-41.57	-41.42	-41.47	-41.46	-19.02	-22.40
		18 GHz to 22 GHz	-37.28	-37.28	-37.46	-37.38	-19.02	-18.26
	1	9 kHz to 150 kHz	-27.21	-27.39	-27.32	-27.47	-19.02	-8.19
		150 kHz to 30 MHz	-29.25	-27.04	-26.78	-27.47	-19.02	-7.76
		30 MHz to 1.9 GHz	-27.76	-27.59	-27.83	-27.72	-19.02	-8.57
		1.9 GHz to 1.93 GHz	-25.87	-25.67	-26.28	-25.81	-19.02	-6.65
		1.991 GHz to 3 GHz	-22.18	-22.70	-22.12	-23.43	-19.02	-3.10
		3 GHz to 18 GHz	-41.21	-41.49	-41.58	-41.62	-19.02	-22.19
		18 GHz to 22 GHz	-37.15	-37.42	-37.22	-37.25	-19.02	-18.13
	2	9 kHz to 150 kHz	-27.28	-27.20	-27.37	-26.56	-19.02	-7.54
		150 kHz to 30 MHz	-27.08	-27.01	-26.65	-28.54	-19.02	-7.63
		30 MHz to 1.9 GHz	-27.47	-27.60	-27.79	-27.41	-19.02	-8.39
		1.9 GHz to 1.93 GHz	-25.72	-25.66	-25.73	-25.70	-19.02	-6.64
		1.991 GHz to 3 GHz	-22.32	-22.46	-22.70	-23.13	-19.02	-3.30
		3 GHz to 18 GHz	-41.39	-41.34	-41.43	-41.49	-19.02	-22.32
		18 GHz to 22 GHz	-37.23	-37.43	-37.13	-37.10	-19.02	-18.08
	3	9 kHz to 150 kHz	-28.83	-28.92	-28.78	-28.71	-19.02	-9.69
		150 kHz to 30 MHz	-28.04	-28.51	-28.93	-29.39	-19.02	-9.02
		30 MHz to 1.9 GHz	-27.30	-27.32	-27.23	-27.49	-19.02	-8.21
		1.9 GHz to 1.93 GHz	-25.75	-25.98	-25.59	-25.77	-19.02	-6.57
		1.991 GHz to 3 GHz	-22.03	-22.26	-22.43	-22.26	-19.02	-3.01
		3 GHz to 18 GHz	-41.46	-41.26	-41.56	-41.35	-19.02	-22.24
		18 GHz to 22 GHz	-37.35	-37.13	-37.35	-37.42	-19.02	-18.11

Table 8-15. Conducted Spurious Emission Summary Data (DSS_B/n25(B/n2)_1C_10M)

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CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-27.26	-27.51	-27.14	-27.69	-19.02	-8.12
		150 kHz to 30 MHz	-27.03	-27.77	-26.90	-28.29	-19.02	-7.88
		30 MHz to 1.9 GHz	-27.65	-27.94	-27.84	-27.89	-19.02	-8.63
		1.9 GHz to 1.929 GHz	-24.14	-24.41	-24.22	-24.87	-19.02	-5.12
		1.99 GHz to 3 GHz	-25.26	-25.43	-25.00	-25.25	-19.02	-5.98
		3 GHz to 18 GHz	-41.58	-41.59	-41.65	-41.51	-19.02	-22.49
		18 GHz to 22 GHz	-37.44	-37.38	-37.47	-37.37	-19.02	-18.35
	1	9 kHz to 150 kHz	-27.50	-27.69	-27.81	-27.41	-19.02	-8.39
		150 kHz to 30 MHz	-24.92	-26.69	-27.75	-27.02	-19.02	-5.90
		30 MHz to 1.9 GHz	-27.89	-27.85	-27.56	-27.44	-19.02	-8.42
		1.9 GHz to 1.929 GHz	-23.64	-24.84	-24.30	-25.16	-19.02	-4.62
		1.99 GHz to 3 GHz	-25.70	-25.67	-25.57	-25.49	-19.02	-6.47
		3 GHz to 18 GHz	-41.41	-41.43	-41.65	-41.49	-19.02	-22.39
		18 GHz to 22 GHz	-37.49	-37.34	-37.38	-37.32	-19.02	-18.30
	2	9 kHz to 150 kHz	-27.53	-27.62	-27.44	-27.70	-19.02	-8.42
		150 kHz to 30 MHz	-27.45	-27.78	-27.75	-27.81	-19.02	-8.43
		30 MHz to 1.9 GHz	-27.51	-27.45	-27.54	-27.64	-19.02	-8.43
		1.9 GHz to 1.929 GHz	-24.50	-25.08	-24.31	-24.95	-19.02	-5.29
		1.99 GHz to 3 GHz	-25.48	-25.54	-25.80	-25.92	-19.02	-6.46
		3 GHz to 18 GHz	-41.49	-41.66	-41.42	-41.64	-19.02	-22.40
		18 GHz to 22 GHz	-37.41	-37.39	-37.34	-37.30	-19.02	-18.28
	3	9 kHz to 150 kHz	-29.33	-28.61	-28.96	-28.52	-19.02	-9.50
		150 kHz to 30 MHz	-28.65	-29.20	-29.86	-29.28	-19.02	-9.63
		30 MHz to 1.9 GHz	-27.46	-27.53	-27.49	-27.50	-19.02	-8.44
		1.9 GHz to 1.929 GHz	-24.44	-24.43	-23.16	-25.28	-19.02	-4.14
		1.99 GHz to 3 GHz	-25.96	-26.04	-25.74	-25.87	-19.02	-6.72
		3 GHz to 18 GHz	-41.28	-41.39	-41.47	-41.64	-19.02	-22.26
		18 GHz to 22 GHz	-37.23	-37.42	-37.35	-37.33	-19.02	-18.21
Mid	0	9 kHz to 150 kHz	-27.41	-27.46	-26.83	-27.02	-19.02	-7.81
		150 kHz to 30 MHz	-27.22	-27.74	-27.57	-27.86	-19.02	-8.20
		30 MHz to 1.9 GHz	-27.87	-27.83	-28.19	-28.36	-19.02	-8.81
		1.9 GHz to 1.93 GHz	-25.53	-25.33	-25.12	-25.50	-19.02	-6.10
		1.99 GHz to 3 GHz	-25.60	-25.61	-25.48	-25.50	-19.02	-6.46
		3 GHz to 18 GHz	-41.71	-41.19	-41.59	-41.58	-19.02	-22.17
		18 GHz to 22 GHz	-37.43	-37.24	-37.52	-37.22	-19.02	-18.20
	1	9 kHz to 150 kHz	-27.48	-27.60	-27.08	-27.72	-19.02	-8.06
		150 kHz to 30 MHz	-28.51	-26.71	-27.93	-28.40	-19.02	-7.69
		30 MHz to 1.9 GHz	-27.83	-27.89	-27.73	-27.82	-19.02	-8.71
		1.9 GHz to 1.93 GHz	-25.43	-25.40	-25.05	-25.02	-19.02	-6.00
		1.99 GHz to 3 GHz	-25.82	-25.59	-25.48	-23.21	-19.02	-4.19
		3 GHz to 18 GHz	-41.49	-41.56	-41.51	-41.48	-19.02	-22.46
		18 GHz to 22 GHz	-37.33	-37.25	-37.02	-37.30	-19.02	-18.00



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High	2	9 kHz to 150 kHz	-26.61	-27.32	-27.32	-27.42	-19.02	-7.59
		150 kHz to 30 MHz	-27.66	-28.51	-27.39	-27.52	-19.02	-8.37
		30 MHz to 1.9 GHz	-27.65	-27.93	-27.81	-27.82	-19.02	-8.63
		1.9 GHz to 1.93 GHz	-25.61	-25.23	-25.65	-25.24	-19.02	-6.21
		1.99 GHz to 3 GHz	-26.04	-25.89	-25.99	-26.01	-19.02	-6.87
		3 GHz to 18 GHz	-41.54	-41.56	-41.44	-41.60	-19.02	-22.42
		18 GHz to 22 GHz	-37.33	-37.44	-37.26	-37.37	-19.02	-18.24
	3	9 kHz to 150 kHz	-29.20	-28.87	-28.86	-29.12	-19.02	-9.84
		150 kHz to 30 MHz	-28.12	-28.02	-29.15	-29.78	-19.02	-9.00
		30 MHz to 1.9 GHz	-27.67	-27.67	-27.70	-27.72	-19.02	-8.65
		1.9 GHz to 1.93 GHz	-25.55	-25.23	-25.37	-25.45	-19.02	-6.21
		1.99 GHz to 3 GHz	-25.55	-25.79	-25.79	-26.00	-19.02	-6.53
		3 GHz to 18 GHz	-41.64	-41.42	-41.48	-41.54	-19.02	-22.40
		18 GHz to 22 GHz	-37.38	-37.44	-37.36	-37.15	-19.02	-18.13
	0	9 kHz to 150 kHz	-27.46	-27.61	-27.61	-27.38	-19.02	-8.36
		150 kHz to 30 MHz	-25.72	-27.71	-27.89	-27.05	-19.02	-6.70
		30 MHz to 1.9 GHz	-28.18	-27.77	-28.14	-27.98	-19.02	-8.75
		1.9 GHz to 1.93 GHz	-26.15	-25.78	-25.83	-25.85	-19.02	-6.76
		1.991 GHz to 3 GHz	-23.24	-23.60	-23.43	-23.95	-19.02	-4.22
		3 GHz to 18 GHz	-41.59	-41.46	-41.41	-41.58	-19.02	-22.39
		18 GHz to 22 GHz	-37.42	-37.33	-37.21	-37.38	-19.02	-18.19
	1	9 kHz to 150 kHz	-27.65	-27.55	-27.75	-27.64	-19.02	-8.53
		150 kHz to 30 MHz	-27.27	-27.49	-26.89	-26.66	-19.02	-7.64
		30 MHz to 1.9 GHz	-27.87	-27.82	-27.88	-27.64	-19.02	-8.62
		1.9 GHz to 1.93 GHz	-25.92	-25.95	-25.79	-25.65	-19.02	-6.63
		1.991 GHz to 3 GHz	-23.41	-23.28	-23.26	-23.47	-19.02	-4.24
		3 GHz to 18 GHz	-41.71	-41.45	-41.57	-41.57	-19.02	-22.43
		18 GHz to 22 GHz	-37.14	-37.43	-37.41	-37.35	-19.02	-18.12
	2	9 kHz to 150 kHz	-27.36	-27.83	-27.08	-27.12	-19.02	-8.06
		150 kHz to 30 MHz	-27.85	-27.01	-26.32	-26.56	-19.02	-7.30
		30 MHz to 1.9 GHz	-27.55	-27.64	-27.48	-27.86	-19.02	-8.46
		1.9 GHz to 1.93 GHz	-25.81	-26.13	-26.12	-26.11	-19.02	-6.79
		1.991 GHz to 3 GHz	-23.26	-23.53	-22.72	-22.43	-19.02	-3.41
		3 GHz to 18 GHz	-41.55	-41.40	-41.69	-41.57	-19.02	-22.38
		18 GHz to 22 GHz	-37.24	-37.24	-37.11	-37.36	-19.02	-18.09
	3	9 kHz to 150 kHz	-29.00	-29.11	-28.92	-29.05	-19.02	-9.90
		150 kHz to 30 MHz	-28.05	-29.69	-29.42	-28.16	-19.02	-9.03
		30 MHz to 1.9 GHz	-27.45	-27.81	-27.59	-27.63	-19.02	-8.43
		1.9 GHz to 1.93 GHz	-26.06	-25.57	-25.64	-25.26	-19.02	-6.24
		1.991 GHz to 3 GHz	-23.60	-23.49	-23.52	-23.78	-19.02	-4.47
		3 GHz to 18 GHz	-41.67	-41.44	-41.54	-41.54	-19.02	-22.42
		18 GHz to 22 GHz	-37.16	-37.46	-37.27	-37.45	-19.02	-18.14

Table 8-16. Conducted Spurious Emission Summary Data (DSS_B/n25(B/n2)_1C_20M)

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CH	Port	Measurement Range	Level (dBm)		Limit (dBm)	Worst Margin (dB)
			MSR_B/n25(B/n2)_2C DSS 10M+LTE 5M	MSR_B/n25(B/n2)_2C DSS 20M+LTE 10M		
			QPSK	QPSK		
Low	0	9 kHz to 150 kHz	-27.15	-27.45	-19.02	-8.13
		150 kHz to 30 MHz	-26.99	-26.80	-19.02	-7.78
		30 MHz to 1.9 GHz	-27.82	-28.11	-19.02	-8.80
		1.9 GHz to 1.929 GHz	-23.90	-25.35	-19.02	-4.88
		1.995 GHz to 3 GHz	-26.22	-25.74	-19.02	-6.72
		3 GHz to 18 GHz	-41.52	-41.45	-19.02	-22.43
		18 GHz to 22 GHz	-37.62	-37.17	-19.02	-18.15
	1	9 kHz to 150 kHz	-27.70	-27.40	-19.02	-8.38
		150 kHz to 30 MHz	-26.91	-27.05	-19.02	-7.89
		30 MHz to 1.9 GHz	-27.51	-27.30	-19.02	-8.28
		1.9 GHz to 1.929 GHz	-23.78	-24.64	-19.02	-4.76
		1.995 GHz to 3 GHz	-25.58	-25.38	-19.02	-6.36
		3 GHz to 18 GHz	-41.65	-41.68	-19.02	-22.63
		18 GHz to 22 GHz	-37.55	-37.28	-20.02	-17.26
	2	9 kHz to 150 kHz	-27.21	-27.64	-19.02	-8.19
		150 kHz to 30 MHz	-27.11	-27.91	-19.02	-8.09
		30 MHz to 1.9 GHz	-27.72	-27.67	-19.02	-8.65
		1.9 GHz to 1.929 GHz	-23.68	-25.01	-19.02	-4.66
		1.995 GHz to 3 GHz	-25.60	-26.24	-19.02	-6.58
		3 GHz to 18 GHz	-41.74	-41.57	-19.02	-22.55
		18 GHz to 22 GHz	-37.46	-37.26	-20.02	-17.24
	3	9 kHz to 150 kHz	-29.07	-29.36	-19.02	-10.05
		150 kHz to 30 MHz	-28.43	-29.34	-19.02	-9.41
		30 MHz to 1.9 GHz	-27.49	-27.76	-19.02	-8.47
		1.9 GHz to 1.929 GHz	-23.85	-25.11	-19.02	-4.83
		1.995 GHz to 3 GHz	-26.03	-26.17	-19.02	-7.01
		3 GHz to 18 GHz	-41.55	-41.33	-19.02	-22.31
		18 GHz to 22 GHz	-37.36	-37.19	-19.02	-18.17
Mid	0	9 kHz to 150 kHz	-27.40	-27.33	-19.02	-8.31
		150 kHz to 30 MHz	-28.00	-26.74	-19.02	-7.72
		30 MHz to 1.9 GHz	-27.88	-27.99	-19.02	-8.86
		1.9 GHz to 1.93 GHz	-25.45	-25.00	-19.02	-5.98
		1.995 GHz to 3 GHz	-26.13	-25.38	-19.02	-6.36
		3 GHz to 18 GHz	-41.75	-41.15	-19.02	-22.13
		18 GHz to 22 GHz	-37.44	-37.16	-19.02	-18.14
	1	9 kHz to 150 kHz	-27.67	-27.46	-19.02	-8.44
		150 kHz to 30 MHz	-27.43	-27.08	-19.02	-8.06
		30 MHz to 1.9 GHz	-27.73	-27.95	-19.02	-8.71
		1.9 GHz to 1.93 GHz	-25.26	-25.03	-19.02	-6.01
		1.995 GHz to 3 GHz	-25.91	-25.55	-19.02	-6.53
		3 GHz to 18 GHz	-41.73	-41.49	-19.02	-22.47
		18 GHz to 22 GHz	-37.39	-37.06	-19.02	-18.04



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	2	9 kHz to 150 kHz	-27.33	-27.55	-19.02	-8.31
		150 kHz to 30 MHz	-27.02	-27.09	-19.02	-8.00
		30 MHz to 1.9 GHz	-27.60	-27.47	-19.02	-8.45
		1.9 GHz to 1.93 GHz	-25.46	-25.00	-19.02	-5.98
		1.995 GHz to 3 GHz	-26.35	-25.55	-19.02	-6.53
		3 GHz to 18 GHz	-41.72	-41.55	-19.02	-22.53
		18 GHz to 22 GHz	-37.32	-36.99	-19.02	-17.97
	3	9 kHz to 150 kHz	-28.46	-29.07	-19.02	-9.44
		150 kHz to 30 MHz	-29.16	-29.05	-19.02	-10.03
		30 MHz to 1.9 GHz	-27.76	-27.62	-19.02	-8.60
		1.9 GHz to 1.93 GHz	-25.16	-25.32	-19.02	-6.14
		1.995 GHz to 3 GHz	-26.14	-25.73	-19.02	-6.71
		3 GHz to 18 GHz	-41.81	-41.69	-19.02	-22.67
		18 GHz to 22 GHz	-37.10	-37.31	-19.02	-18.08
High	0	9 kHz to 150 kHz	-27.24	-27.46	-19.02	-8.22
		150 kHz to 30 MHz	-28.39	-27.80	-19.02	-8.78
		30 MHz to 1.9 GHz	-28.22	-28.13	-19.02	-9.11
		1.9 GHz to 1.93 GHz	-25.44	-25.44	-19.02	-6.42
		1.996 GHz to 3 GHz	-22.44	-24.07	-19.02	-3.42
		3 GHz to 18 GHz	-41.53	-41.45	-19.02	-22.43
		18 GHz to 22 GHz	-37.44	-37.25	-19.02	-18.23
	1	9 kHz to 150 kHz	-27.68	-27.62	-19.02	-8.60
		150 kHz to 30 MHz	-26.72	-28.10	-19.02	-7.70
		30 MHz to 1.9 GHz	-27.89	-27.89	-19.02	-8.87
		1.9 GHz to 1.93 GHz	-25.69	-25.71	-19.02	-6.67
		1.996 GHz to 3 GHz	-21.49	-23.94	-19.02	-2.47
		3 GHz to 18 GHz	-41.61	-41.62	-19.02	-22.59
		18 GHz to 22 GHz	-37.51	-37.14	-19.02	-18.12
	2	9 kHz to 150 kHz	-27.52	-27.48	-19.02	-8.46
		150 kHz to 30 MHz	-26.55	-26.70	-19.02	-7.53
		30 MHz to 1.9 GHz	-27.87	-27.77	-19.02	-8.75
		1.9 GHz to 1.93 GHz	-26.03	-24.88	-19.02	-5.86
		1.996 GHz to 3 GHz	-21.65	-23.54	-19.02	-2.63
		3 GHz to 18 GHz	-41.61	-41.64	-19.02	-22.59
		18 GHz to 22 GHz	-37.25	-37.17	-19.02	-18.15
	3	9 kHz to 150 kHz	-28.99	-29.33	-19.02	-9.97
		150 kHz to 30 MHz	-29.77	-30.00	-19.02	-10.75
		30 MHz to 1.9 GHz	-27.48	-27.51	-19.02	-8.46
		1.9 GHz to 1.93 GHz	-25.24	-25.32	-19.02	-6.22
		1.996 GHz to 3 GHz	-22.69	-24.49	-19.02	-3.67
		3 GHz to 18 GHz	-41.56	-41.53	-19.02	-22.51
		18 GHz to 22 GHz	-37.39	-37.14	-19.02	-18.12

Table 8-17. Conducted Spurious Emission Summary Data (MSR_B/n25(B/n2)_Multi carrier)



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CH	Port	Measurement Range	Level (dBm)		Limit (dBm)	Worst Margin (dB)
			MSR_B/n25(B/n2)_2NC DSS 10M+LTE 5M	MSR_B/n25(B/n2)_2NC DSS 20M+LTE 10M		
			QPSK	QPSK		
Mid	0	9 kHz to 150 kHz	-26.97	-27.06	-19.02	-7.95
		150 kHz to 30 MHz	-27.21	-28.46	-19.02	-8.19
		30 MHz to 1.9 GHz	-28.13	-27.59	-19.02	-8.57
		1.9 GHz to 1.929 GHz	-21.58	-23.80	-19.02	-2.56
		1.996 GHz to 3 GHz	-21.56	-22.49	-19.02	-2.54
		3 GHz to 18 GHz	-41.48	-41.78	-19.02	-22.46
		18 GHz to 22 GHz	-37.39	-37.50	-19.02	-18.37
	1	9 kHz to 150 kHz	-27.22	-27.29	-19.02	-8.20
		150 kHz to 30 MHz	-27.10	-27.17	-19.02	-8.08
		30 MHz to 1.9 GHz	-27.92	-27.26	-19.02	-8.24
		1.9 GHz to 1.929 GHz	-21.56	-23.98	-19.02	-2.54
		1.996 GHz to 3 GHz	-21.64	-22.51	-19.02	-2.62
		3 GHz to 18 GHz	-41.54	-41.83	-19.02	-22.52
		18 GHz to 22 GHz	-37.34	-37.59	-19.02	-18.32
	2	9 kHz to 150 kHz	-27.25	-26.53	-19.02	-7.51
		150 kHz to 30 MHz	-27.48	-28.01	-19.02	-8.46
		30 MHz to 1.9 GHz	-27.66	-27.09	-19.02	-8.07
		1.9 GHz to 1.929 GHz	-22.36	-24.09	-19.02	-3.34
		1.996 GHz to 3 GHz	-21.15	-22.03	-19.02	-2.13
		3 GHz to 18 GHz	-41.71	-41.63	-19.02	-22.61
		18 GHz to 22 GHz	-37.28	-37.42	-19.02	-18.26
	3	9 kHz to 150 kHz	-28.65	-29.16	-19.02	-9.63
		150 kHz to 30 MHz	-28.02	-29.06	-19.02	-9.00
		30 MHz to 1.9 GHz	-27.39	-26.85	-19.02	-7.83
		1.9 GHz to 1.929 GHz	-21.67	-23.97	-19.02	-2.65
		1.996 GHz to 3 GHz	-21.03	-22.40	-19.02	-2.01
		3 GHz to 18 GHz	-41.34	-41.91	-19.02	-22.32
		18 GHz to 22 GHz	-37.24	-37.64	-19.02	-18.22

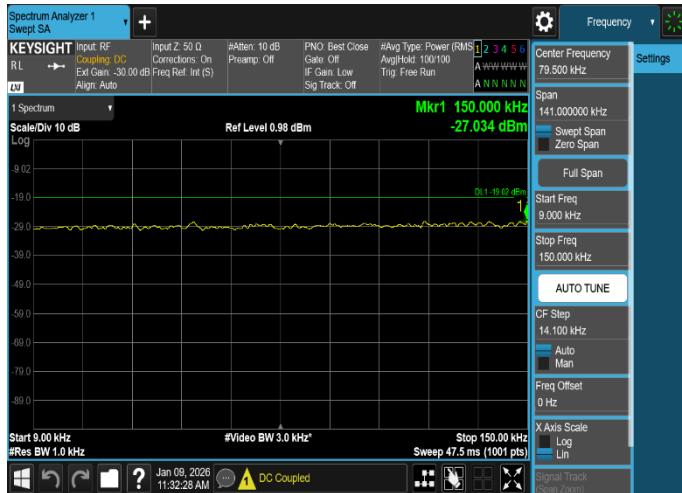
Table 8-18. Conducted Spurious Emission Summary Data (MSR_B/n25(B/n2)_Multi carrier)



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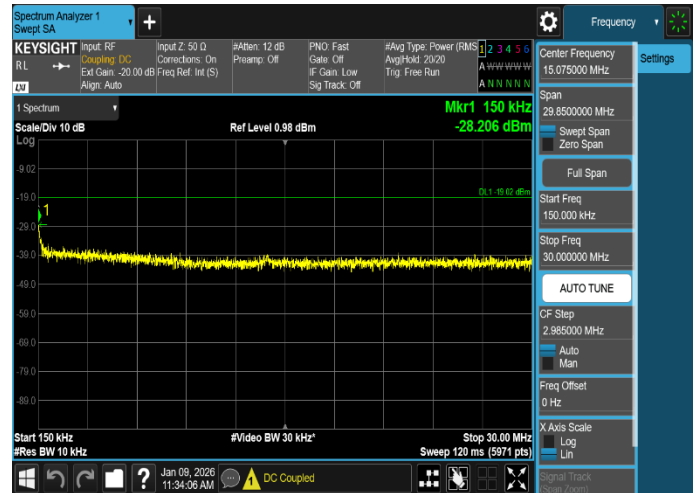
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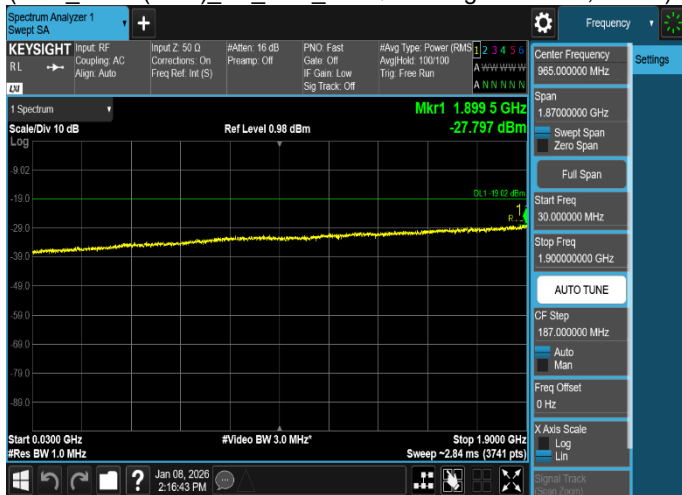
Plot 8-25. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(DSS_B/n25(B/n2)_1C_10M_256QAM - High Channel, Port 0)



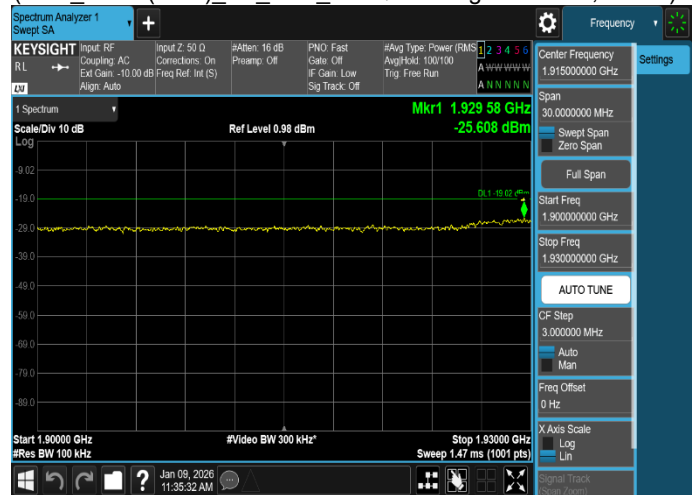
Plot 8-26. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(DSS_B/n25(B/n2)_1C_10M_256QAM - High Channel, Port 0)



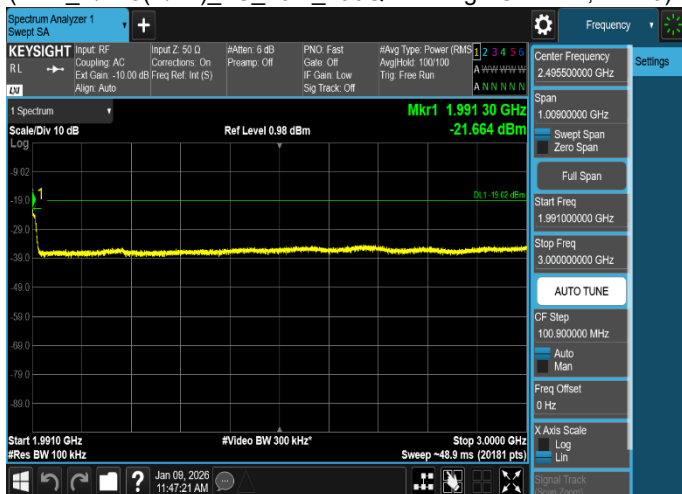
Plot 8-27. Conducted Spurious Emission Plot
30 MHz to 1.9 GHz

(DSS_B/n25(B/n2)_1C_10M_256QAM - High Channel, Port 0)



Plot 8-28. Conducted Spurious Emission Plot
1.9 GHz to 1.93 GHz

(DSS_B/n25(B/n2)_1C_10M_256QAM - High Channel, Port 0)



Plot 8-29. Conducted Spurious Emission Plot
1.991 GHz to 3 GHz

(DSS_B/n25(B/n2)_1C_10M_256QAM - High Channel, Port 0)



Plot 8-30. Conducted Spurious Emission Plot
3 GHz to 18 GHz

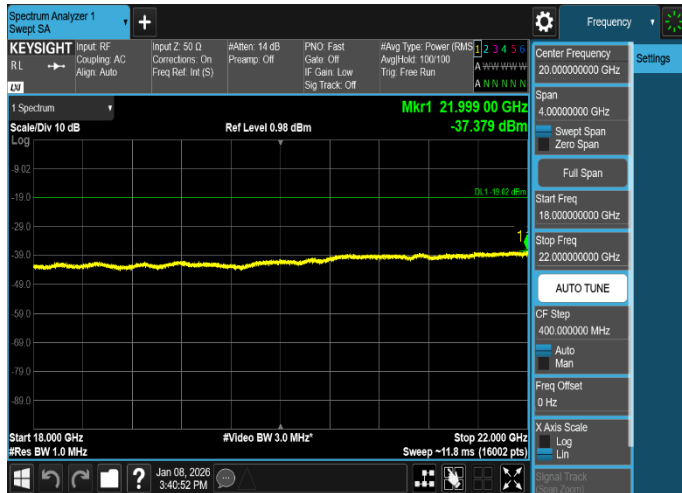
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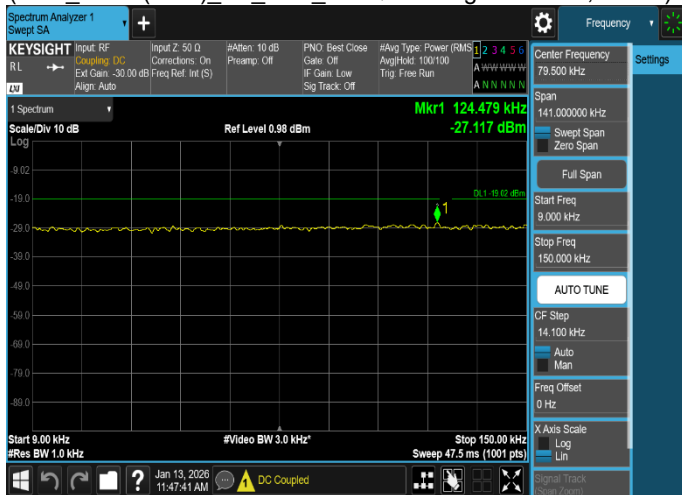
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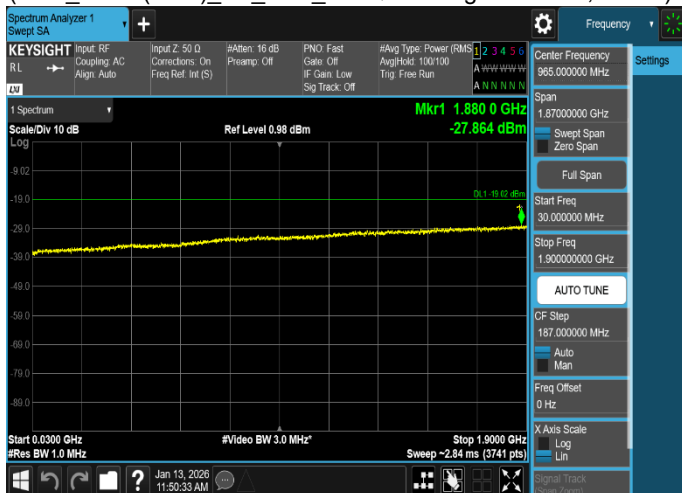
Plot 8-31. Conducted Spurious Emission Plot
18 GHz to 22 GHz

(DSS_B/n25(B/n2)_1C_10M_256QAM - High Channel, Port 0)



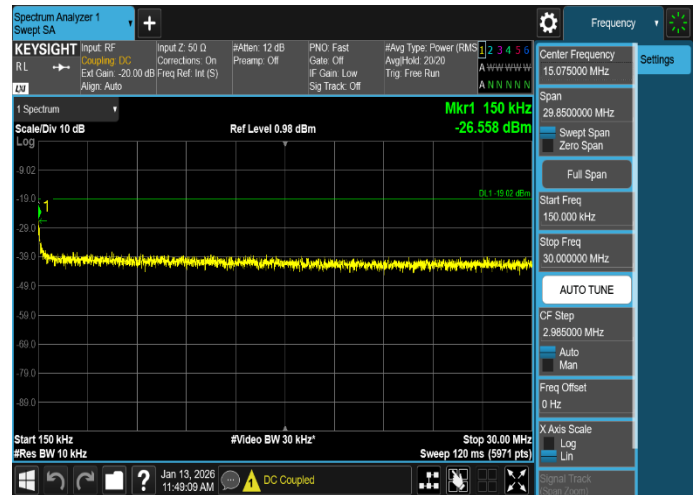
Plot 8-32. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(DSS_B/n25(B/n2)_1C_20M_256QAM - High Channel, Port 2)



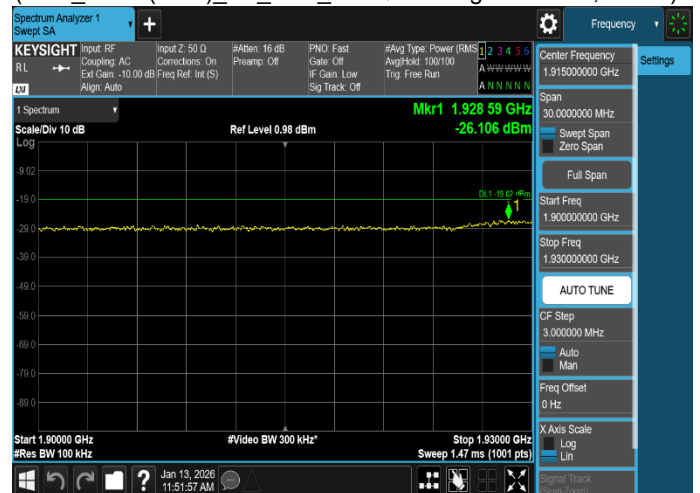
Plot 8-34. Conducted Spurious Emission Plot
30 MHz to 1.9 GHz

(DSS_B/n25(B/n2)_1C_20M_256QAM - High Channel, Port 2)



Plot 8-33. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(DSS_B/n25(B/n2)_1C_20M_256QAM - High Channel, Port 2)



Plot 8-35. Conducted Spurious Emission Plot
1.9 GHz to 1.93 GHz

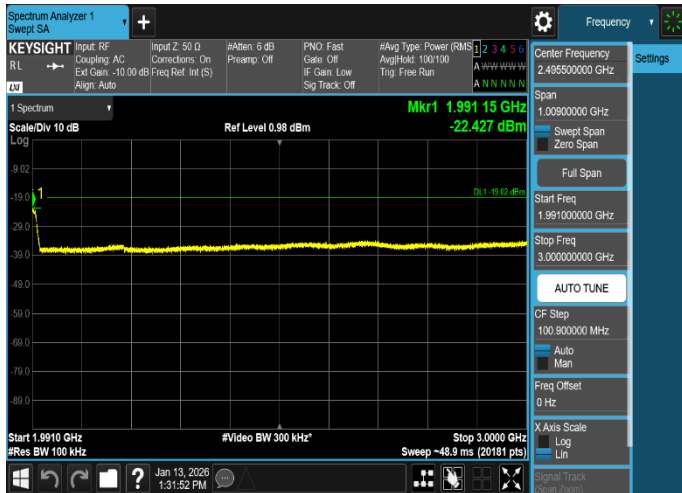
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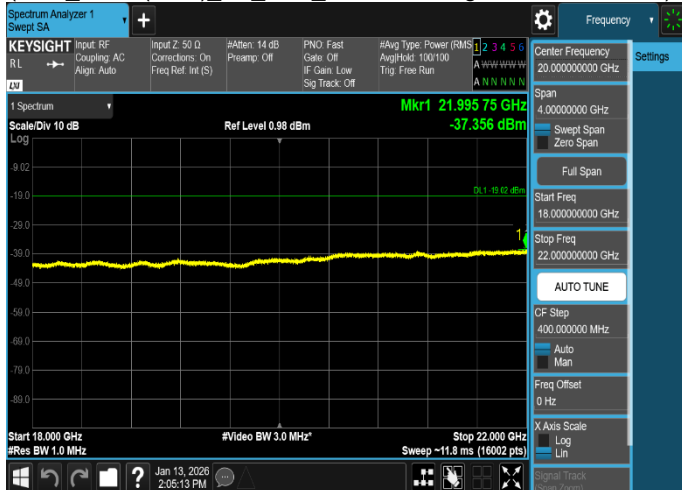
Plot 8-36. Conducted Spurious Emission Plot
1.991 GHz to 3 GHz

(DSS_B/n25(B/n2)_1C_20M_256QAM - High Channel, Port 2)



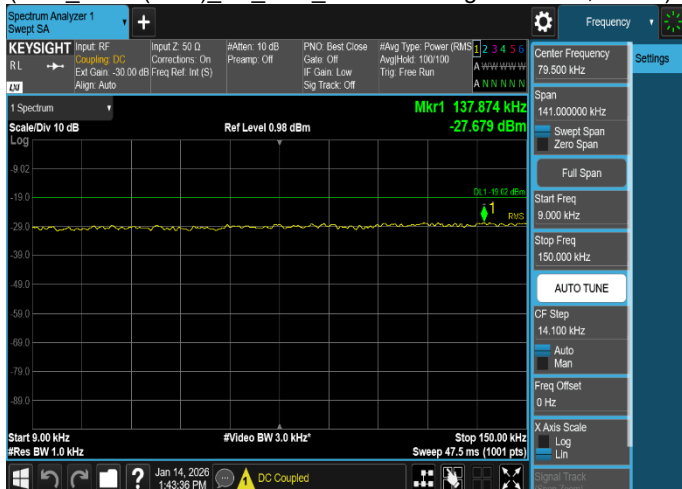
Plot 8-37. Conducted Spurious Emission Plot
3 GHz to 18 GHz

(DSS_B/n25(B/n2)_1C_20M_256QAM - High Channel, Port 2)



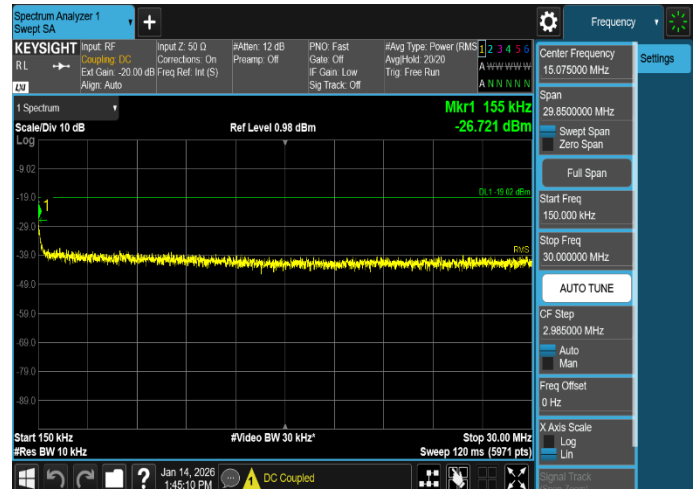
Plot 8-38. Conducted Spurious Emission Plot
18 GHz to 22 GHz

(DSS_B/n25(B/n2)_1C_20M_256QAM - High Channel, Port 2)



Plot 8-39. Conducted Spurious Emission Plot
9 kHz to 150 kHz

(MSR_B/n25(B/n2)_2C_DSS 10M+LTE 5M_QPSK - High
Channel, Port 1)



Plot 8-40. Conducted Spurious Emission Plot
150 kHz to 30 MHz

(MSR_B/n25(B/n2)_2C_DSS 10M+LTE 5M_QPSK - High
Channel, Port 1)