



FCC RF Test Report

APPLICANT : OnePlus Technology (Shenzhen) Co., Ltd
EQUIPMENT : Smart Phone
BRAND NAME : ONEPLUS
MODEL NAME : IN2025
FCC ID : 2ABZ2-EE007
STANDARD : 47 CFR Part 2, 22, 24, 27
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)

The product was received on Nov. 20, 2019 and completely tested on Mar. 04, 2020. We, Sporton International (ShenZhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (ShenZhen) Inc., the test report shall not be reproduced except in full.

Reviewed by: Derreck Chen / Supervisor

Approved by: Eric Shih / Manager



Sporton International (ShenZhen) Inc.

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People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG9N2009-01F	Rev. 01	Initial issue of report	Mar. 19, 2020



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(5)	Effective Radiated Power (5G NR n5)	ERP < 7 Watt		
	§27.50(c)(10)	Effective Radiated Power (5G NR n71)	ERP < 3 Watt		
	§24.232(c) §27.50(h)(2)	Equivalent Isotropic Radiated Power (5G NR n2) (5G NR n41)	EIRP < 2Watt		
	§27.50(d)(4)	Equivalent Isotropic Radiated Power (5G NR n66)	EIRP < 1Watt		
3.5	§24.232(d)	Peak-to-Average Ratio	<13 dB	PASS	-
3.6	§2.1049	Occupied Bandwidth	Reporting Only	PASS	-
3.7	§2.1051 §22.917(a) §24.238(a) §27.53(g)	Conducted Band Edge Measurement (5G NR n2) (5G NR n5) (5G NR n66) (5G NR n71)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§27.53(m)(4)	Conducted Band Edge Measurement (5G NR n41)	§27.53(m)(4)		
3.8	§2.1051 §22.917(a) §24.238(a) §27.53(g)	Conducted Spurious Emission (5G NR n2) (5G NR n5) (5G NR n66) (5G NR n71)	< 43+10log ₁₀ (P[Watts])	PASS	-
	§2.1051 §27.53(m)(4)	Conducted Spurious Emission (5G NR n41)	< 55+10log ₁₀ (P[Watts])		
3.9	§2.1055 §22.355	Frequency Stability Temperature & Voltage	< 2.5 ppm for Part 22	PASS	-
	§2.1055 §24.235 §27.54		Within Authorized Band		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(g)	Radiated Spurious Emission (5G NR n2) (5G NR n5) (5G NR n66) (5G NR n71)	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 25.51 dB at 2444.250 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (5G NR n41)	< 55+10log ₁₀ (P[Watts])		



1 General Description

1.1 Applicant

OnePlus Technology (Shenzhen) Co., Ltd

18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen

1.2 Manufacturer

OnePlus Technology (Shenzhen) Co., Ltd

18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Phone
Brand Name	ONEPLUS
Model Name	IN2025
FCC ID	2ABZ2-EE007
EUT supports Radios application	CDMA/GSM/WCDMA/LTE/5G NR WLAN 2.4GHz 802.11b/g/n (HT20) WLAN 2.4GHz 802.11ax (HE20/HE40) WLAN 5GHz 802.11a/n/ac (HT20/HT40/VHT20/VHT40/VHT80) WLAN 5GHz 802.11ax (HE20/HE40/HE80) Bluetooth BR / EDR / LE GNSS/NFC/WPC(Qi)
IMEI Code	Conducted : N/A Radiation : 865422040066037/865422040066029 for 5G NR n2,n66 865422040066094 for 5G NR n5,n71 001003959980015/001003959980015 for 5G NR n41
HW Version	15
SW Version	Oxygen OS 10.5.IN11AA
EUT Stage	Production Unit

Remark: Only 5G NR bands are tested in this report, all the other RF bands are tested in the other reports separately.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n2: 1852.5 MHz ~ 1907.5 MHz 5G NR n5: 826.5 MHz ~ 846.5 MHz 5G NR n41: 2506 MHz ~ 2680 MHz 5G NR n66: 1712.5 MHz ~ 1777.5 MHz 5G NR n71: 665.5 MHz ~ 695.5MHz
Rx Frequency	5G NR n2: 1932.5 MHz ~ 1987.5 MHz 5G NR n5: 871.5 MHz ~ 891.5 MHz 5G NR n41: 2506 MHz ~ 2680 MHz 5G NR n66: 2112.5 MHz~ 2197.5 MHz 5G NR n71: 619.5 MHz ~ 649.5MHz
Bandwidth	n2, n5, n66, n71: 5MHz / 10MHz / 15MHz / 20MHz n41 : 20MHz / 40MHz / 50MHz / 60MHz / 80MHz / 90MHz / 100MHz
Maximum Output Power to Antenna	Top Antenna: EN-DC_5A_n2A : 21.56 dBm EN-DC_12A_n2A : 21.56 dBm EN-DC_2A_n5A : 23.06 dBm EN-DC_66A_n5A : 22.55 dBm EN-DC_26A_n41A : 21.64 dBm EN-DC_5A_n66A : 21.55 dBm EN-DC_12A_n66A : 21.43 dBm EN-DC_13A_n66A : 21.41 dBm EN-DC_2A_n71A : 23.28 dBm EN-DC_66A_n71A : 23.46 dBm Bottom Antenna: EN-DC_5A_n2A : 22.85 dBm EN-DC_12A_n2A : 22.88 dBm EN-DC_2A_n5A : 23.20 dBm EN-DC_66A_n5A : 22.74 dBm EN-DC_2A_n41A : 24.46 dBm EN-DC_3A_n41A : 24.42 dBm EN-DC_25A_n41A : 24.23 dBm EN-DC_26A_n41A : 23.17 dBm EN-DC_39A_n41A : 24.48 dBm EN-DC_41A_n41A : 26.88 dBm EN-DC_(n)41AA : 26.90 dBm EN-DC_66A_n41A : 24.34 dBm EN-DC_5A_n66A : 23.50 dBm EN-DC_12A_n66A : 23.31 dBm EN-DC_13A_n66A : 23.29 dBm EN-DC_2A_n71A : 23.89 dBm EN-DC_66A_n71A : 24.18 dBm
Antenna Gain	n2 / n5 / n41 / n66 / n71 : -2.00 dBi
Type of Modulation	CP-OFDM: QPSK / 16QAM / 64QAM / 256QAM DFT-s-OFDM: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

1.5 Modification of EUT

No modifications are made to the EUT during all test items.



1.6 Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator

5G NR n2 (EN DC_5A-n2A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
5	1852.5 ~ 1907.5	4M50F9W	0.1055	4M49G7D	0.1051
10	1855.0 ~ 1905.0	9M07F9W	0.1155	9M19G7D	0.1163
20	1860.0 ~ 1900.0	17M9F9W	0.1217	17M9G7D	0.1217
Frequency Tolerance (ppm)		0.0023			

5G NR n2 (EN DC_12A-n2A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
5	1852.5 ~ 1907.5	4M54F9W	0.1083	4M50G7D	0.1086
10	1855.0 ~ 1905.0	9M03F9W	0.1205	9M09G7D	0.1224
20	1860.0 ~ 1900.0	18M2F9W	0.1178	18M0G7D	0.1159
Frequency Tolerance (ppm)		-			

5G NR n5 (EN DC_66A-n5A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)
5	826.5 ~ 846.5	4M69F9W	0.1045	4M49G7D	0.1056
10	829.0 ~ 844.0	9M11F9W	0.1091	9M21G7D	0.1117
20	834.0 ~ 839.0	17M9F9W	0.1186	18M1G7D	0.1155
Frequency Tolerance (ppm)		-			

5G NR n5 (EN DC_2A-n5A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)
5	826.5 ~ 846.5	4M73F9W	0.1100	4M70G7D	0.1099
10	829.0 ~ 844.0	9M05F9W	0.1308	9M11G7D	0.1136
20	834.0 ~ 839.0	18M1F9W	0.1319	18M0G7D	0.1308
Frequency Tolerance (ppm)		0.0023			



5G NR n41 (EN DC_2A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	17M9F9W	0.1638	17M9G7D	0.1671
60	2526.00 ~ 2659.98	58M1F9W	0.1586	58M0G7D	0.1594
100	2546.01 ~ 2640.00	96M7F9W	0.1704	96M7G7D	0.1764
Frequency Tolerance (ppm)		0.0016			

5G NR n41 (EN DC_3A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	18M0F9W	0.1499	17M9G7D	0.1520
60	2526.00 ~ 2659.98	58M1F9W	0.1460	58M3G7D	0.1465
100	2546.01 ~ 2640.00	96M9F9W	0.1712	96M1G7D	0.1745
Frequency Tolerance (ppm)		-			

5G NR n41 (EN DC_25A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	17M9F9W	0.1498	17M9G7D	0.1519
60	2526.00 ~ 2659.98	58M3F9W	0.1453	58M0G7D	0.1460
100	2546.01 ~ 2640.00	96M9F9W	0.1559	96M5G7D	0.1670
Frequency Tolerance (ppm)		-			

5G NR n41 (EN DC_26A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	17M8F9W	0.1309	17M9G7D	0.1306
60	2526.00 ~ 2659.98	58M1F9W	0.1214	58M0G7D	0.1235
100	2546.01 ~ 2640.00	96M9F9W	0.1296	96M5G7D	0.1289
Frequency Tolerance (ppm)		-			



5G NR n41 (EN DC_39A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	17M9F9W	0.1681	17M9G7D	0.1680
60	2526.00 ~ 2659.98	58M5F9W	0.1622	58M1G7D	0.1637
100	2546.01 ~ 2640.00	96M9F9W	0.1726	96M3G7D	0.1770
Frequency Tolerance (ppm)		-			

5G NR n41 (EN DC_41A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	17M8F9W	0.2936	17M9G7D	0.2931
60	2526.00 ~ 2659.98	58M1F9W	0.2971	58M0G7D	0.2976
100	2546.01 ~ 2640.00	97M1F9W	0.3067	95M7G7D	0.3075
Frequency Tolerance (ppm)		-			

5G NR n41 (EN DC_(n)41AA)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	37M7F9W	0.2843	38M0G7D	0.2941
60	2526.00 ~ 2659.98	77M2F9W	0.2949	77M2G7D	0.3040
100	2546.01 ~ 2640.00	115M7F9W	0.3040	116M5G7D	0.3087
Frequency Tolerance (ppm)		-			

5G NR n41 (EN DC_66A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
20	2506.02 ~ 2679.99	18M0F9W	0.1638	17M9G7D	0.1672
60	2526.00 ~ 2659.98	58M1F9W	0.1586	58M0G7D	0.1593
100	2546.01 ~ 2640.00	96M5F9W	0.1692	96M1G7D	0.1716
Frequency Tolerance (ppm)		-			



5G NR n66 (EN DC_5A-n66A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
5	1712.5 ~ 1777.5	4M50F9W	0.1295	4M49G7D	0.1340
10	1715.0 ~ 1775.0	9M17F9W	0.1163	9M07G7D	0.1192
20	1720.0 ~ 1770.0	17M9F9W	0.1413	18M1G7D	0.1338
Frequency Tolerance (ppm)		0.0017			

5G NR n66 (EN DC_12A-n66A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
5	1712.5 ~ 1777.5	4M49F9W	0.1300	4M50G7D	0.1323
10	1715.0 ~ 1775.0	9M07F9W	0.1090	9M05G7D	0.1177
20	1720.0 ~ 1770.0	17M9F9W	0.1351	17M9G7D	0.1307
Frequency Tolerance (ppm)		-			

5G NR n66 (EN DC_13A-n66A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum EIRP(W)	Emission Designator (99%OBW)	Maximum EIRP(W)
5	1712.5 ~ 1777.5	4M50F9W	0.1293	4M50G7D	0.1291
10	1715.0 ~ 1775.0	9M25F9W	0.1175	9M07G7D	0.1182
20	1720.0 ~ 1770.0	17M9F9W	0.1345	17M9G7D	0.1257
Frequency Tolerance (ppm)		-			



5G NR n71 (EN DC_2A-n71A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)
5	665.5 ~ 695.5	4M50F9W	0.1449	4M49G7D	0.1441
10	668.0 ~ 693.0	9M13F9W	0.1240	9M27G7D	0.1236
20	673.0 ~ 688.0	17M9F9W	0.1547	17M9G7D	0.1543
Frequency Tolerance (ppm)		0.0023			

5G NR n71 (EN DC_66A-n71A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum ERP(W)	Emission Designator (99%OBW)	Maximum ERP(W)
5	665.5 ~ 695.5	4M49F9W	0.1463	4M49G7D	0.1652
10	668.0 ~ 693.0	9M07F9W	0.1234	9M05G7D	0.1268
20	673.0 ~ 688.0	17M9F9W	0.1488	17M9G7D	0.1564
Frequency Tolerance (ppm)		-			

1.7 Testing Location

Sporton International (Shenzhen) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International (Shenzhen) Inc.		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ	CN1256	421272

Test Firm	Sporton International (Shenzhen) Inc.		
Test Site Location	No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan Shenzhen, 518055 People's Republic of China TEL: +86-755-33202398		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH02-SZ	CN1256	421272

1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a

1.9 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 2, 22, 24, 27
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark:

All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

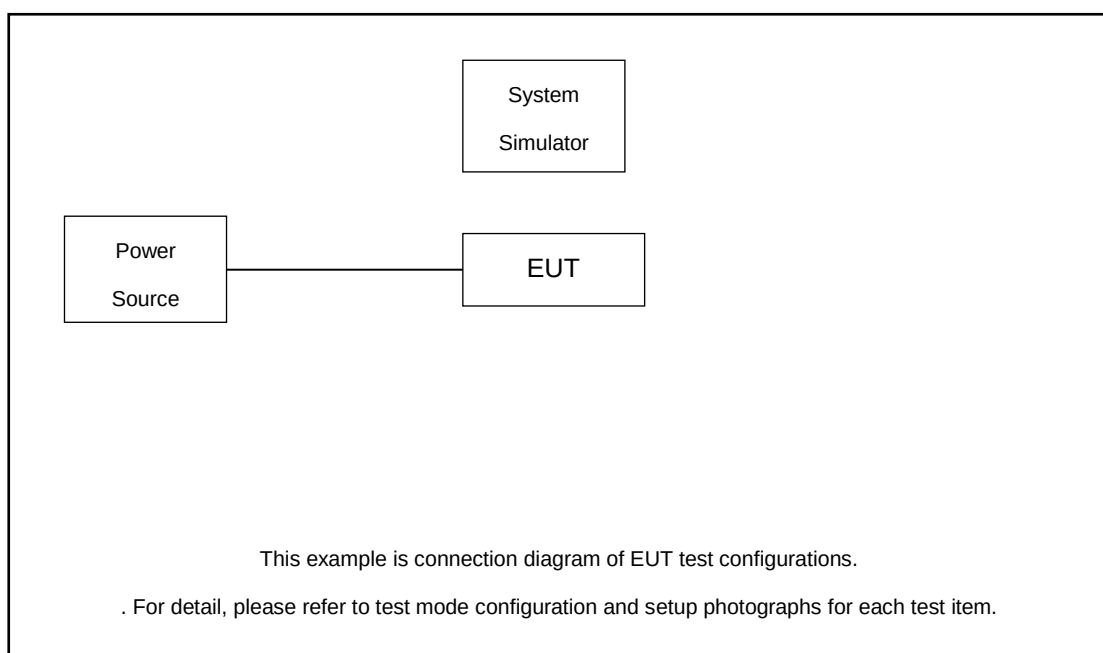
Antenna port conducted and radiated test items are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.

	X Plane	Y Plane	Z Plane
Orthogonal Planes of EUT			

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW	GPS-3030D	N/A	N/A	Unshielded, 1.8 m
2.	LTE Base Station	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	NR Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
4.	Fixture	INTEL	NGFF Card Carrier	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss

Following shows an offset computation example with cable loss 4.8 dB.

Example :

Offset(dB) = RF cable loss(dB).

= 4.8 (dB)

3 Conducted Test Items

3.1 Measuring Instruments

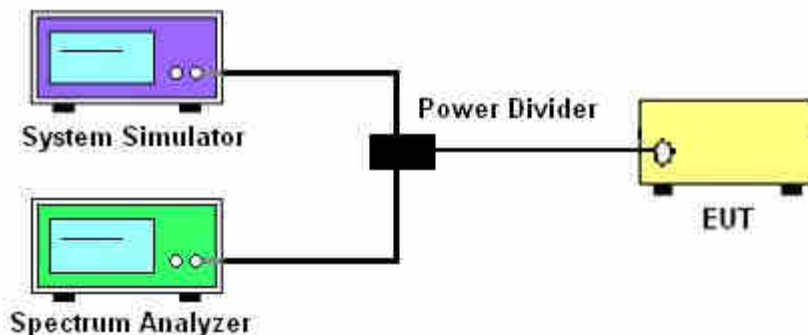
See list of measuring instruments of this test report.

3.2 Test Setup

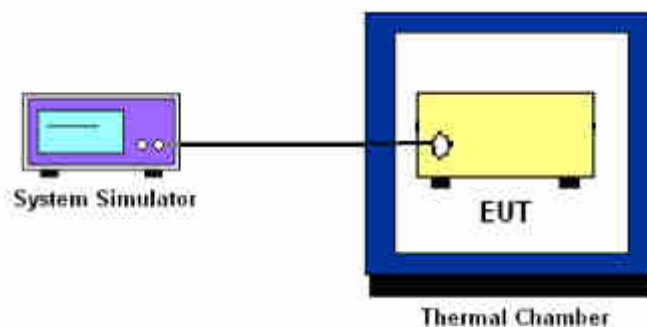
3.2.1 Conducted Output Power



3.2.2 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



3.2.3 Frequency Stability



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5.

The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n71.

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2 and n41.

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator.

3.5 Peak-to-Average Ratio

3.5.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.5.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.2.3.4 (CCDF).
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
5. Record the deviation as Peak to Average Ratio.



3.6 Occupied Bandwidth

3.6.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.6.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.4
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.7 Conducted Band Edge

3.7.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. 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.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least $65 + 10 \log_{10} p(\text{watts})$, dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698 -746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.7.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured.
4. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
5. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
6. Set spectrum analyzer with RMS detector.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. Checked that all the results comply with the emission limit line.

Example:

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
= $P(W) - [43 + 10\log(P)]$ (dB)
= $[30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB) = -13dBm.

9. For 5G NR n41, the other 40 dB, and 55 dB have additionally applied same calculation above.

3.8 Conducted Spurious Emission

3.8.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For 5G NR n41:

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.8.2 Test Procedures

1. The testing follows ANSI C63.26 section 5.7
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
7. Set spectrum analyzer with RMS detector.
8. Taking the record of maximum spurious emission.
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.
11. For 5G NR n41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [55 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25$ dBm.

3.9 Frequency Stability

3.9.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

3.9.2 Test Procedures for Temperature Variation

1. The testing follows ANSI C63.26 section 5.6.4
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.9.3 Test Procedures for Voltage Variation

1. The testing follows ANSI C63.26 section 5.6.5
2. The EUT was placed in a temperature chamber at $20\pm 5^{\circ}\text{C}$ and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value for other than hand carried battery equipment.
4. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.
5. The variation in frequency was measured for the worst case.

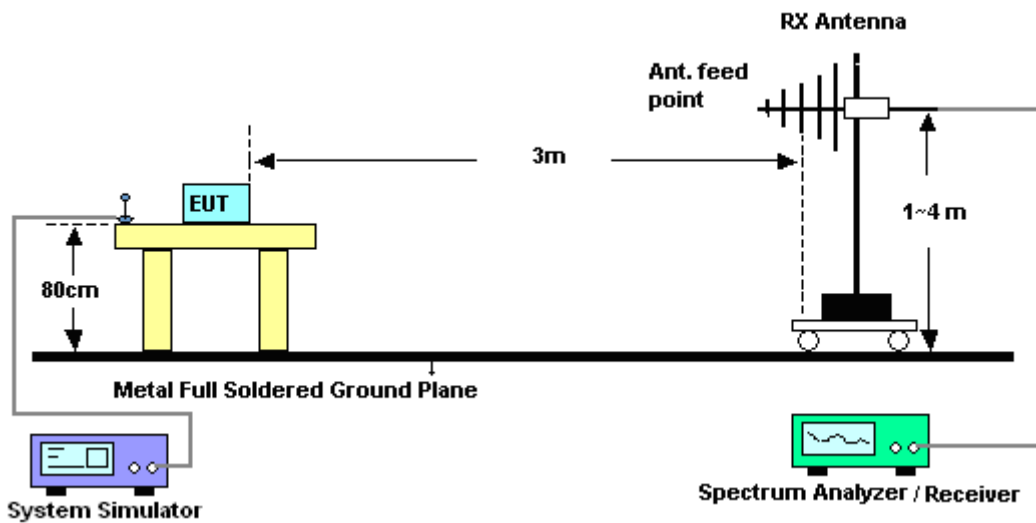
4 Radiated Test Items

4.1 Measuring Instruments

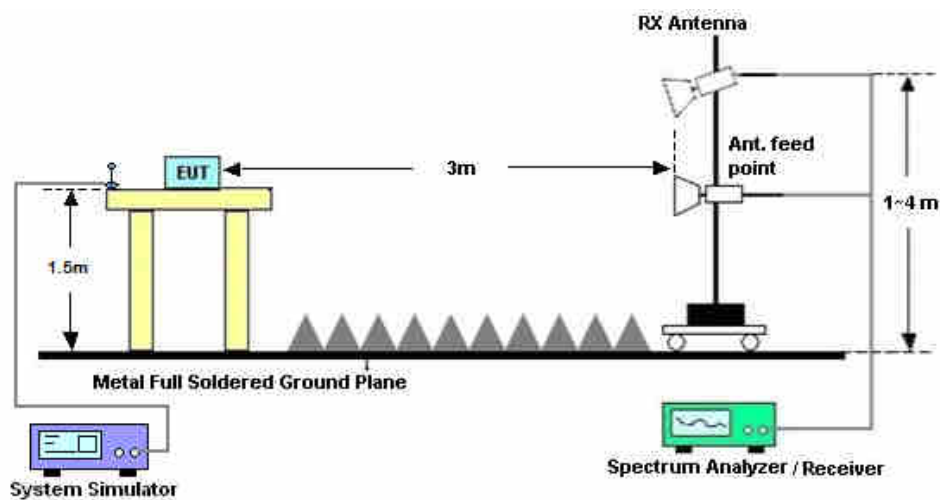
See list of measuring instruments of this test report.

4.2 Test Setup

4.2.1 For radiated test from 30MHz to 1GHz



4.2.2 For radiated test above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For 5G NR n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows ANSI C63.26 Section 5.5
2. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
6. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
7. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
8. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
9. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
10. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
 $= -13\text{dBm}.$

13. For 5G NR n41:

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 18, 2019	Feb. 17, 2020~ Mar. 04, 2020	Apr. 17, 2020	Conducted (TH01-SZ)
DC Power Supply	GWINSTEK	AnritsuGPS-3030D	EM882636	Max 30V	Apr. 18, 2019	Feb. 17, 2020~ Mar. 04, 2020	Apr. 17, 2020	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Apr. 19, 2019	Feb. 26, 2020	Apr. 18, 2020	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Jul. 19, 2019	Feb. 26, 2020	Jul. 18, 2020	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1285	1GHz~18GHz	Jan. 07, 2020	Feb. 26, 2020	Jan. 06, 2021	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 22, 2019	Feb. 26, 2020	Jul. 21, 2020	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 18, 2019	Feb. 26, 2020	Apr. 17, 2020	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2019	Feb. 26, 2020	Oct. 17, 2020	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 18, 2019	Feb. 26, 2020	Oct. 17, 2020	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010002470	N/A	NCR	Feb. 26, 2020	NCR	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Feb. 26, 2020	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Feb. 26, 2020	NCR	Radiation (03CH02-SZ)

NCR: No Calibration Required

6 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage $K=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.5dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.3dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.7dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power and EIRP)

Bottom Antenna

EN-DC_5A_n2A												
Combination 20MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
372000	1860	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.89	12.73	22.39	0.1093
					1	104	1	49	22.08	12.75	22.56	0.1137
					50	25	50	0	21.80	12.66	22.30	0.1071
				QPSK DFT-s-OFDM	1	1	1	0	21.59	12.72	22.12	0.1028
					1	104	1	49	21.72	12.69	22.23	0.1055
					50	25	50	0	21.51	12.68	22.04	0.101
376000	1880	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.87	12.67	22.36	0.1087
					1	104	1	49	21.98	12.58	22.45	0.111
					50	25	50	0	22.40	12.60	22.83	0.1211
				QPSK DFT-s-OFDM	1	1	1	0	21.92	12.65	22.41	0.1098
					1	104	1	49	22.41	12.63	22.84	0.1215
					50	25	50	0	22.04	12.64	22.51	0.1125
380000	1900	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.42	12.62	22.85	0.1217
					1	104	1	49	22.23	12.54	22.67	0.1168
					50	25	50	0	22.28	12.55	22.72	0.118
				QPSK DFT-s-OFDM	1	1	1	0	22.43	12.51	22.85	0.1217
					1	104	1	49	22.21	12.58	22.66	0.1164
					50	25	50	0	21.95	12.56	22.42	0.1102



EN-DC_5A_n2A												
Combination 10MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
371000	1855	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.61	12.66	22.13	0.1031
					1	50	1	49	21.56	12.70	22.09	0.1021
					25	12	50	0	21.69	12.70	22.21	0.1049
				QPSK DFT-s-OFDM	1	1	1	0	21.71	12.68	22.22	0.1052
					1	50	1	49	21.69	12.73	22.21	0.1049
					25	12	50	0	21.67	12.65	22.18	0.1043
376000	1880	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.02	12.56	22.49	0.1118
					1	50	1	49	22.09	12.69	22.56	0.1138
					25	12	50	0	22.17	12.62	22.63	0.1155
				QPSK DFT-s-OFDM	1	1	1	0	22.09	12.62	22.55	0.1136
					1	50	1	49	22.07	12.68	22.54	0.1133
					25	12	50	0	22.21	12.55	22.66	0.1163
381000	1905	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.06	12.56	22.52	0.1128
					1	50	1	49	21.93	12.48	22.40	0.1096
					25	12	50	0	22.00	12.58	22.47	0.1114
				QPSK DFT-s-OFDM	1	1	1	0	22.09	12.63	22.56	0.1137
					1	50	1	49	22.05	12.48	22.50	0.1123
					25	12	50	0	22.07	12.57	22.53	0.113



EN-DC_5A_n2A												
Combination 5MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
370500	1852.5	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.23	12.76	21.81	0.0957
					1	23	1	49	21.23	12.76	21.81	0.0957
					12	6	50	0	21.16	12.68	21.74	0.0941
				QPSK DFT-s-OFDM	1	1	1	0	21.17	12.75	21.75	0.0945
					1	23	1	49	21.25	12.72	21.82	0.0959
					12	6	50	0	21.20	12.70	21.77	0.0949
376000	1880	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.68	12.80	22.21	0.1049
					1	23	1	49	21.67	12.83	22.20	0.1048
					12	6	50	0	21.70	12.85	22.23	0.1055
				QPSK DFT-s-OFDM	1	1	1	0	21.69	12.80	22.22	0.1051
					1	23	1	49	21.68	12.78	22.21	0.1049
					12	6	50	0	21.68	12.86	22.22	0.1051
381500	1907.5	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.66	12.67	22.18	0.1041
					1	23	1	49	21.70	12.71	22.22	0.1051
					12	6	50	0	21.58	12.78	22.12	0.1027
				QPSK DFT-s-OFDM	1	1	1	0	21.63	12.80	22.16	0.1039
					1	23	1	49	21.67	12.78	22.20	0.1047
					12	6	50	0	21.61	12.74	22.14	0.1033



EN-DC_12A_n2A												
Combination 20MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
372000	1860	23060	704	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.94	12.81	22.44	0.1107
					1	104	1	49	22.01	12.73	22.49	0.1121
					50	25	50	0	21.87	12.71	22.37	0.1088
				QPSK DFT-s-OFDM	1	1	1	0	21.98	12.71	22.47	0.1113
					1	104	1	49	22.10	12.77	22.58	0.1143
					50	25	50	0	21.90	12.77	22.40	0.1097
376000	1880	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.11	12.70	22.58	0.1143
					1	104	1	49	22.11	12.71	22.58	0.1143
					50	25	50	0	22.25	12.73	22.71	0.1178
				QPSK DFT-s-OFDM	1	1	1	0	22.12	12.61	22.58	0.1143
					1	104	1	49	22.13	12.67	22.60	0.1147
					50	25	50	0	22.17	12.75	22.64	0.1159
380000	1900	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.06	12.61	22.53	0.1129
					1	104	1	49	21.91	12.71	22.40	0.1097
					50	25	50	0	22.02	12.64	22.49	0.112
				QPSK DFT-s-OFDM	1	1	1	0	22.17	12.72	22.64	0.1158
					1	104	1	49	21.92	12.56	22.40	0.1096
					50	25	50	0	22.03	12.74	22.51	0.1126



EN-DC_12A_n2A												
Combination 10MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
371000	1855	23060	704	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.76	12.71	22.27	0.1064
					1	50	1	49	21.72	12.72	22.23	0.1056
					25	12	50	0	21.78	12.72	22.29	0.1069
				QPSK DFT-s-OFDM	1	1	1	0	21.80	12.72	22.31	0.1073
					1	50	1	49	21.80	12.69	22.30	0.1072
					25	12	50	0	21.88	12.67	22.37	0.1089
376000	1880	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.31	12.63	22.75	0.119
					1	50	1	49	22.24	12.63	22.69	0.1172
					25	12	50	0	22.37	12.64	22.81	0.1205
				QPSK DFT-s-OFDM	1	1	1	0	22.36	12.71	22.81	0.1204
					1	50	1	49	22.34	12.60	22.78	0.1196
					25	12	50	0	22.45	12.59	22.88	0.1224
381000	1905	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.20	12.63	22.65	0.1163
					1	50	1	49	22.18	12.63	22.64	0.1158
					25	12	50	0	22.23	12.66	22.68	0.1171
				QPSK DFT-s-OFDM	1	1	1	0	22.31	12.67	22.76	0.1191
					1	50	1	49	22.20	12.64	22.66	0.1163
					25	12	50	0	22.27	12.68	22.72	0.1181



EN-DC_12A_n2A												
Combination 5MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
370500	1852.5	23060	704	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.40	12.69	21.95	0.0988
					1	23	1	49	21.35	12.72	21.91	0.0979
					12	6	50	0	21.32	12.73	21.88	0.0973
				QPSK DFT-s-OFDM	1	1	1	0	21.42	12.71	21.97	0.0993
					1	23	1	49	21.40	12.78	21.96	0.0991
					12	6	50	0	21.41	12.75	21.96	0.0992
376000	1880	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.79	12.56	22.28	0.1067
					1	23	1	49	21.86	12.58	22.34	0.1083
					12	6	50	0	21.81	12.68	22.31	0.1074
				QPSK DFT-s-OFDM	1	1	1	0	21.77	12.54	22.26	0.1062
					1	23	1	49	21.87	12.61	22.36	0.1086
					12	6	50	0	21.81	12.60	22.30	0.1072
381500	1907.5	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.66	12.63	22.17	0.104
					1	23	1	49	21.71	12.73	22.23	0.1054
					12	6	50	0	21.74	12.64	22.24	0.1058
				QPSK DFT-s-OFDM	1	1	1	0	21.72	12.61	22.22	0.1053
					1	23	1	49	21.69	12.67	22.20	0.1048
					12	6	50	0	21.65	12.67	22.17	0.1039



EN-DC_2A_n5A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
166800	834	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.77	12.97	23.20	0.1319
					1	104	1	99	22.07	12.87	22.56	0.1138
					50	25	100	0	22.67	12.85	23.10	0.1288
				QPSK DFT-s-OFDM	1	1	1	0	22.74	12.88	23.17	0.1308
					1	104	1	99	22.59	12.86	23.03	0.1267
					50	25	100	0	22.70	12.94	23.14	0.1299
167300	836.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.24	12.93	22.72	0.1181
					1	104	1	99	21.99	13.00	22.51	0.1124
					50	25	100	0	22.24	12.94	22.72	0.1181
				QPSK DFT-s-OFDM	1	1	1	0	22.37	12.90	22.83	0.1212
					1	104	1	99	22.06	13.00	22.57	0.114
					50	25	100	0	22.23	12.96	22.72	0.1179
167800	839	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.37	13.06	22.85	0.1217
					1	104	1	99	22.05	13.10	22.57	0.114
					50	25	100	0	22.19	13.08	22.69	0.1173
				QPSK DFT-s-OFDM	1	1	1	0	22.37	13.01	22.85	0.1215
					1	104	1	99	22.08	12.99	22.58	0.1144
					50	25	100	0	22.22	13.06	22.72	0.118



EN-DC_2A_n5A												
Combination 10MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
165800	829	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.81	12.86	22.33	0.1079
					1	50	1	99	21.71	12.86	22.24	0.1057
					25	12	100	0	21.82	12.88	22.34	0.1082
				QPSK DFT-s-OFDM	1	1	1	0	21.95	12.90	22.46	0.1112
					1	50	1	99	21.76	12.85	22.29	0.1068
					25	12	100	0	21.87	12.92	22.39	0.1094
167300	836.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.00	12.89	22.50	0.1123
					1	50	1	99	21.79	12.79	22.30	0.1073
					25	12	100	0	22.00	12.92	22.51	0.1124
				QPSK DFT-s-OFDM	1	1	1	0	22.07	12.79	22.55	0.1136
					1	50	1	99	21.88	12.77	22.38	0.1092
					25	12	100	0	21.95	12.74	22.44	0.1107
168800	844	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.78	12.94	22.31	0.1075
					1	50	1	99	21.67	12.89	22.21	0.105
					25	12	100	0	21.83	12.87	22.35	0.1084
				QPSK DFT-s-OFDM	1	1	1	0	21.88	12.87	22.39	0.1095
					1	50	1	99	21.75	12.95	22.29	0.1069
					25	12	100	0	21.92	12.82	22.42	0.1103



EN-DC_2A_n5A												
Combination 5MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
165300	826.5	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.81	12.8	22.32	0.1077
					1	23	1	99	21.92	12.73	22.41	0.11
					12	6	100	0	21.87	12.81	22.38	0.1091
				QPSK DFT-s-OFDM	1	1	1	0	21.87	12.74	22.37	0.1089
					1	23	1	99	21.85	12.71	22.35	0.1084
					12	6	100	0	21.88	12.79	22.38	0.1093
167300	836.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.82	12.8	22.33	0.108
					1	23	1	99	21.9	12.74	22.40	0.1096
					12	6	100	0	21.88	12.69	22.37	0.109
				QPSK DFT-s-OFDM	1	1	1	0	21.91	12.77	22.41	0.1099
					1	23	1	99	21.9	12.73	22.40	0.1096
					12	6	100	0	21.88	12.8	22.39	0.1093
169300	846.5	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.74	12.9	22.27	0.1065
					1	23	1	99	21.75	12.81	22.27	0.1065
					12	6	100	0	21.76	12.77	22.28	0.1066
				QPSK DFT-s-OFDM	1	1	1	0	21.72	12.82	22.25	0.1058
					1	23	1	99	21.81	12.91	22.34	0.1081
					12	6	100	0	21.75	12.87	22.28	0.1066



EN-DC_66A_n5A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
166800	834	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.76	12.71	22.27	0.1064
					1	104	1	99	21.64	12.78	22.17	0.104
					50	25	100	0	21.73	12.81	22.25	0.106
				QPSK DFT-s-OFDM	1	1	1	0	21.89	12.81	22.40	0.1095
					1	104	1	99	21.77	12.78	22.29	0.1068
					50	25	100	0	21.84	12.82	22.35	0.1085
167300	836.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.73	12.83	22.26	0.1061
					1	104	1	99	21.62	12.78	22.15	0.1036
					50	25	100	0	21.78	12.74	22.29	0.1069
				QPSK DFT-s-OFDM	1	1	1	0	21.81	12.79	22.32	0.1077
					1	104	1	99	21.63	12.77	22.16	0.1038
					50	25	100	0	21.7	12.73	22.22	0.1052
167800	839	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.27	12.85	22.74	0.1186
					1	104	1	99	22.01	12.83	22.51	0.1123
					50	25	100	0	22.18	12.81	22.66	0.1163
				QPSK DFT-s-OFDM	1	1	1	0	22.14	12.86	22.62	0.1155
					1	104	1	99	21.51	12.82	22.06	0.1014
					50	25	100	0	22.13	12.89	22.62	0.1153



EN-DC_66A_n5A												
Combination 10MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
165800	829	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.75	12.85	22.28	0.1066
					1	50	1	99	21.68	12.78	22.21	0.1049
					25	12	100	0	21.77	12.75	22.28	0.1067
				QPSK DFT-s-OFDM	1	1	1	0	21.87	12.8	22.38	0.1091
					1	50	1	99	21.68	12.77	22.21	0.1048
					25	12	100	0	21.81	12.86	22.33	0.1079
167300	836.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.86	12.83	22.37	0.1089
					1	50	1	99	21.74	12.85	22.27	0.1064
					25	12	100	0	21.87	12.82	22.38	0.1091
				QPSK DFT-s-OFDM	1	1	1	0	21.99	12.77	22.48	0.1117
					1	50	1	99	21.76	12.76	22.27	0.1065
					25	12	100	0	21.9	12.82	22.41	0.1098
168800	844	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.73	12.92	22.27	0.1063
					1	50	1	99	21.6	12.88	22.15	0.1034
					25	12	100	0	21.73	12.9	22.26	0.1063
				QPSK DFT-s-OFDM	1	1	1	0	21.8	12.82	22.32	0.1076
					1	50	1	99	21.71	12.8	22.24	0.1056
					25	12	100	0	21.78	12.88	22.31	0.1073



EN-DC_66A_n5A												
Combination 5MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
165300	826.5	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.47	12.82	22.03	0.1006
					1	23	1	99	21.59	12.86	22.14	0.1032
					12	6	100	0	21.6	12.81	22.14	0.1033
				QPSK DFT-s-OFDM	1	1	1	0	21.61	12.86	22.15	0.1036
					1	23	1	99	21.6	12.72	22.13	0.103
					12	6	100	0	21.54	12.79	22.08	0.1019
167300	836.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.56	12.68	22.09	0.1021
					1	23	1	99	21.66	12.81	22.19	0.1045
					12	6	100	0	21.64	12.79	22.17	0.104
				QPSK DFT-s-OFDM	1	1	1	0	21.71	12.81	22.24	0.1056
					1	23	1	99	21.64	12.68	22.16	0.1037
					12	6	100	0	21.63	12.63	22.14	0.1034
169300	846.5	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.56	12.74	22.10	0.1022
					1	23	1	99	21.47	12.84	22.03	0.1006
					12	6	100	0	21.56	12.86	22.11	0.1026
				QPSK DFT-s-OFDM	1	1	1	0	21.53	12.85	22.08	0.1019
					1	23	1	99	21.62	12.84	22.16	0.1038
					12	6	100	0	21.56	12.79	22.10	0.1024



EN-DC_2A_n41A												
Combination 100MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
509202	2546.01	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.61	12.99	23.97	0.1574
					1	271	1	99	23.35	12.88	23.72	0.1487
					135	67	100	0	23.66	12.91	24.01	0.1589
				QPSK DFT-s-OFDM	1	1	1	0	23.67	12.91	24.02	0.1592
					1	271	1	99	23.25	12.96	23.64	0.1458
					135	67	100	0	23.67	12.87	24.02	0.1591
518598	2592.99	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.8	12.97	24.14	0.1639
					1	271	1	99	23.81	12.97	24.15	0.1642
					135	67	100	0	23.84	13	24.18	0.1653
				QPSK DFT-s-OFDM	1	1	1	0	23.95	12.94	24.28	0.1691
					1	271	1	99	23.93	12.98	24.27	0.1685
					135	67	100	0	23.86	12.99	24.20	0.166
528000	2640	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.98	13.01	24.31	0.1704
					1	271	1	99	23.44	13.12	23.83	0.1523
					135	67	100	0	23.95	12.99	24.28	0.1692
				QPSK DFT-s-OFDM	1	1	1	0	24.14	13.04	24.46	0.1764
					1	271	1	99	23.32	13	23.71	0.1481
					135	67	100	0	23.99	13.13	24.33	0.1711



EN-DC_2A_n41A												
Combination 60MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505200	2526	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.28	13	23.67	0.1469
					1	160	1	99	23.34	13.02	23.73	0.1488
					81	40	100	0	23.36	12.89	23.73	0.149
				QPSK DFT-s-OFDM	1	1	1	0	23.33	13.05	23.72	0.1486
					1	160	1	99	23.29	12.99	23.68	0.1471
					81	40	100	0	23.4	12.94	23.77	0.1505
518598	2592.99	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.5	13	23.87	0.1538
					1	160	1	99	23.58	13.02	23.95	0.1565
					81	40	100	0	23.65	12.93	24.00	0.1586
				QPSK DFT-s-OFDM	1	1	1	0	23.62	13.01	23.98	0.1578
					1	160	1	99	23.59	12.97	23.95	0.1567
					81	40	100	0	23.67	12.94	24.02	0.1593
531996	2659.98	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.56	13	23.93	0.1558
					1	160	1	99	23.16	13.09	23.57	0.1435
					81	40	100	0	23.43	13	23.81	0.1516
				QPSK DFT-s-OFDM	1	1	1	0	23.66	13.08	24.02	0.1594
					1	160	1	99	23.24	13.12	23.64	0.146
					81	40	100	0	23.44	13.02	23.82	0.152



EN-DC_2A_n41A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
501204	2506.02	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.3	12.95	23.68	0.1473
					1	49	1	99	23.31	12.98	23.69	0.1477
					25	12	100	0	23.29	12.98	23.68	0.1471
				QPSK DFT-s-OFDM	1	1	1	0	23.29	12.99	23.68	0.1471
					1	49	1	99	23.34	12.96	23.72	0.1486
					25	12	100	0	23.29	13.04	23.68	0.1473
518598	2592.99	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.8	12.96	24.14	0.1638
					1	49	1	99	23.66	12.99	24.02	0.1591
					25	12	100	0	23.71	12.95	24.06	0.1607
				QPSK DFT-s-OFDM	1	1	1	0	23.89	13	24.23	0.1671
					1	49	1	99	23.76	12.98	24.11	0.1625
					25	12	100	0	23.74	12.92	24.09	0.1616
535998	2679.99	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.53	13.02	23.90	0.1549
					1	49	1	99	23.3	13.14	23.70	0.1479
					25	12	100	0	23.42	12.98	23.80	0.1512
				QPSK DFT-s-OFDM	1	1	1	0	23.58	13.02	23.95	0.1565
					1	49	1	99	23.3	13.08	23.69	0.1477
					25	12	100	0	23.43	13.07	23.81	0.1518



EN-DC_3A_n41A												
Combination 100MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
509202	2546.01	19300	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.53	13.08	23.90	0.1551
					1	271	1	99	23.44	13.08	23.82	0.1521
					135	67	100	0	23.59	13.02	23.96	0.1569
				QPSK DFT-s-OFDM	1	1	1	0	23.68	13.05	24.04	0.16
					1	271	1	99	23.45	13	23.82	0.1522
					135	67	100	0	23.7	13	24.05	0.1605
518598	2592.99	19575	1747.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.85	12.93	24.19	0.1655
					1	271	1	99	23.67	13.02	24.03	0.1595
					135	67	100	0	23.94	13.05	24.28	0.169
				QPSK DFT-s-OFDM	1	1	1	0	23.99	13.09	24.33	0.171
					1	271	1	99	23.93	13.05	24.27	0.1687
					135	67	100	0	23.91	13.05	24.25	0.168
528000	2640	19850	1775	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.95	12.98	24.28	0.1692
					1	271	1	99	23.45	13.1	23.83	0.1525
					135	67	100	0	24	13.04	24.33	0.1712
				QPSK DFT-s-OFDM	1	1	1	0	24.09	13.05	24.42	0.1745
					1	271	1	99	23.27	13.12	23.67	0.1469
					135	67	100	0	24	13.11	24.34	0.1714



EN-DC_3A_n41A												
Combination 60MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505200	2526	19300	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.15	12.25	23.49	0.1409
					1	160	1	99	22.93	12.4	23.30	0.1348
					81	40	100	0	23.01	12.29	23.36	0.1369
				QPSK DFT-s-OFDM	1	1	1	0	23.18	12.4	23.53	0.1422
					1	160	1	99	22.95	12.33	23.31	0.1352
					81	40	100	0	23.11	12.33	23.46	0.1399
518598	2592.99	19575	1747.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.02	12.35	23.38	0.1373
					1	160	1	99	23.2	12.34	23.54	0.1426
					81	40	100	0	23.1	12.32	23.45	0.1396
				QPSK DFT-s-OFDM	1	1	1	0	23.04	12.31	23.39	0.1378
					1	160	1	99	23.33	12.3	23.66	0.1465
					81	40	100	0	23.17	12.37	23.52	0.1418
531996	2659.98	19850	1775	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.3	12.46	23.64	0.146
					1	160	1	99	23.1	12.35	23.45	0.1397
					81	40	100	0	23.19	12.48	23.54	0.1427
				QPSK DFT-s-OFDM	1	1	1	0	23.24	12.35	23.58	0.1439
					1	160	1	99	23.1	12.4	23.45	0.1398
					81	40	100	0	23.21	12.4	23.56	0.1431



EN-DC_3A_n41A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
501204	2506.02	19300	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.34	11.98	23.65	0.1461
					1	49	1	99	23.12	12.05	23.45	0.1395
					25	12	100	0	23.27	11.88	23.57	0.1437
				QPSK DFT-s-OFDM	1	1	1	0	23.39	12.05	23.70	0.1478
					1	49	1	99	23.24	12.02	23.56	0.1431
					25	12	100	0	23.27	11.99	23.58	0.1439
518598	2592.99	19575	1747.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.43	12	23.73	0.149
					1	49	1	99	23.25	12.13	23.57	0.1437
					25	12	100	0	23.34	12.02	23.65	0.1462
				QPSK DFT-s-OFDM	1	1	1	0	23.52	12.02	23.82	0.152
					1	49	1	99	23.36	12.08	23.67	0.147
					25	12	100	0	23.32	12.16	23.64	0.1459
535998	2679.99	19850	1775	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.44	12.25	23.76	0.1499
					1	49	1	99	23.17	12.24	23.51	0.1415
					25	12	100	0	23.22	12.16	23.55	0.1428
				QPSK DFT-s-OFDM	1	1	1	0	23.46	12.26	23.78	0.1506
					1	49	1	99	23.19	12.3	23.53	0.1422
					25	12	100	0	23.3	12.2	23.62	0.1454



EN-DC_25A_n41A												
Combination 100MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
509202	2546.01	26140	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.59	11.59	23.86	0.1533
					1	271	1	99	22.84	11.49	23.15	0.1302
					135	67	100	0	23.34	11.61	23.62	0.1453
				QPSK DFT-s-OFDM	1	1	1	0	23.63	11.45	23.89	0.1544
					1	271	1	99	23.06	11.52	23.35	0.1366
					135	67	100	0	23.39	11.51	23.66	0.1467
518598	2592.99	26340	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.33	11.53	23.61	0.1448
					1	271	1	99	23.44	11.64	23.72	0.1485
					135	67	100	0	23.5	11.58	23.77	0.1503
				QPSK DFT-s-OFDM	1	1	1	0	23.49	11.56	23.76	0.15
					1	271	1	99	23.64	11.61	23.90	0.155
					135	67	100	0	23.55	11.68	23.82	0.1522
528000	2640	26590	1905	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.54	11.49	23.80	0.1515
					1	271	1	99	23.3	11.48	23.58	0.1438
					135	67	100	0	23.67	11.55	23.93	0.1559
				QPSK DFT-s-OFDM	1	1	1	0	23.65	11.43	23.90	0.155
					1	271	1	99	23.23	11.49	23.51	0.1416
					135	67	100	0	23.98	11.64	24.23	0.167



EN-DC_25A_n41A												
Combination 60MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505200	2526	26140	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.24	12.43	23.59	0.1441
					1	160	1	99	22.95	12.35	23.31	0.1353
					81	40	100	0	23.09	12.32	23.44	0.1393
				QPSK DFT-s-OFDM	1	1	1	0	23.31	12.35	23.64	0.146
					1	160	1	99	23.02	12.41	23.38	0.1375
					81	40	100	0	23.16	12.38	23.51	0.1415
518598	2592.99	26340	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.11	11.74	23.42	0.1385
					1	160	1	99	23.33	11.77	23.62	0.1453
					81	40	100	0	23.27	11.75	23.57	0.1434
				QPSK DFT-s-OFDM	1	1	1	0	23.23	11.74	23.53	0.1422
					1	160	1	99	23.34	11.85	23.64	0.1458
					81	40	100	0	23.27	11.8	23.57	0.1435
531996	2659.98	26590	1905	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.29	11.67	23.58	0.1439
					1	160	1	99	23.15	11.7	23.45	0.1396
					81	40	100	0	23.29	11.72	23.58	0.144
				QPSK DFT-s-OFDM	1	1	1	0	23.3	11.68	23.59	0.1442
					1	160	1	99	23.15	11.63	23.45	0.1395
					81	40	100	0	23.29	11.63	23.58	0.1438



EN-DC_25A_n41A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
501204	2506.02	26140	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.28	12.46	23.63	0.1454
					1	49	1	99	23.1	12.48	23.46	0.14
					25	12	100	0	23.09	12.43	23.45	0.1396
				QPSK DFT-s-OFDM	1	1	1	0	23.22	12.4	23.57	0.1434
					1	49	1	99	23.11	12.36	23.46	0.14
					25	12	100	0	23.1	12.43	23.46	0.1399
518598	2592.99	26340	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.42	12.46	23.75	0.1498
					1	49	1	99	23.24	12.5	23.59	0.1443
					25	12	100	0	23.36	12.44	23.70	0.1478
				QPSK DFT-s-OFDM	1	1	1	0	23.48	12.54	23.82	0.1519
					1	49	1	99	23.34	12.48	23.68	0.1473
					25	12	100	0	23.35	12.44	23.69	0.1475
535998	2679.99	26590	1905	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.38	12.02	23.69	0.1475
					1	49	1	99	23.18	12.04	23.50	0.1413
					25	12	100	0	23.23	12.17	23.56	0.1431
				QPSK DFT-s-OFDM	1	1	1	0	23.46	12.11	23.77	0.1502
					1	49	1	99	23.24	12.16	23.57	0.1434
					25	12	100	0	23.3	12.1	23.62	0.1451



EN-DC_26A_n41A												
Combination 100MHz+15MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
509202	2546.01	26765	821.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.32	13.06	22.81	0.1204
					1	271	1	74	22.35	13.19	22.85	0.1215
					135	67	75	0	22.54	13.18	23.02	0.1264
				QPSK DFT-s-OFDM	1	1	1	0	22.33	13.05	22.81	0.1206
					1	271	1	74	22.34	13.11	22.83	0.1211
					135	67	75	0	22.59	13.2	23.06	0.1277
518598	2592.99	26865	831.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.64	13.16	23.10	0.1289
					1	271	1	74	22.17	13.06	22.67	0.1168
					135	67	75	0	22.35	13.14	22.84	0.1214
				QPSK DFT-s-OFDM	1	1	1	0	22.64	13.15	23.10	0.1289
					1	271	1	74	22.13	13.11	22.64	0.116
					135	67	75	0	22.52	13.2	23.00	0.1259
528000	2640	26965	841.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.66	13.2	23.13	0.1296
					1	271	1	74	21.83	13.18	22.39	0.1093
					135	67	75	0	22.24	13.12	22.74	0.1186
				QPSK DFT-s-OFDM	1	1	1	0	22.59	13.11	23.05	0.1275
					1	271	1	74	21.84	13.18	22.39	0.1095
					135	67	75	0	22.32	13.16	22.82	0.1207



EN-DC_26A_n41A												
Combination 60MHz+15MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505200	2526	26765	821.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.32	13.22	22.82	0.1209
					1	160	1	74	22.24	13.23	22.75	0.119
					81	40	75	0	22.26	13.22	22.77	0.1194
				QPSK DFT-s-OFDM	1	1	1	0	22.22	13.23	22.74	0.1185
					1	160	1	74	22.18	13.2	22.70	0.1174
					81	40	75	0	22.27	13.28	22.79	0.1198
518598	2592.99	26865	831.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.13	13.08	22.64	0.1159
					1	160	1	74	22.1	13.13	22.62	0.1153
					81	40	75	0	22.19	13.22	22.71	0.1177
				QPSK DFT-s-OFDM	1	1	1	0	22.13	13.13	22.64	0.116
					1	160	1	74	22.14	13.19	22.66	0.1164
					81	40	75	0	22.23	13.07	22.73	0.1182
531996	2659.98	26965	841.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.35	13.15	22.84	0.1214
					1	160	1	74	21.88	13.09	22.42	0.1101
					81	40	75	0	22.05	13.08	22.57	0.114
				QPSK DFT-s-OFDM	1	1	1	0	22.43	13.16	22.92	0.1235
					1	160	1	74	21.92	13.13	22.46	0.1111
					81	40	75	0	22.17	13.03	22.67	0.1167



EN-DC_26A_n41A												
Combination 20MHz+15MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
501204	2506.02	26765	821.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.47	13.31	22.97	0.125
					1	49	1	74	22.34	13.23	22.84	0.1214
					25	12	75	0	22.33	13.36	22.85	0.1216
				QPSK DFT-s-OFDM	1	1	1	0	22.36	13.22	22.86	0.1219
					1	49	1	74	22.28	13.3	22.80	0.1201
					25	12	75	0	22.4	13.26	22.90	0.123
518598	2592.99	26865	831.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.7	13.29	23.17	0.1309
					1	49	1	74	22.61	13.12	23.07	0.128
					25	12	75	0	22.57	13.16	23.04	0.1271
				QPSK DFT-s-OFDM	1	1	1	0	22.7	13.18	23.16	0.1306
					1	49	1	74	22.55	13.25	23.03	0.1268
					25	12	75	0	22.55	13.22	23.03	0.1267
535998	2679.99	26965	841.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.08	13.11	22.60	0.1148
					1	49	1	74	21.92	13.07	22.45	0.111
					25	12	75	0	21.91	13.2	22.46	0.1111
				QPSK DFT-s-OFDM	1	1	1	0	22.11	13.21	22.64	0.1158
					1	49	1	74	22	13.15	22.53	0.113
					25	12	75	0	22	13.15	22.53	0.113



EN-DC_39A_n41A												
Combination 100MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
509202	2546.01	38350	1890	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.6	13.09	23.97	0.1574
					1	271	1	99	23.51	13.21	23.90	0.1548
					135	67	100	0	23.77	13.17	24.13	0.1634
				QPSK DFT-s-OFDM	1	1	1	0	23.61	13.22	23.99	0.1581
					1	271	1	99	23.51	13.18	23.89	0.1547
					135	67	100	0	23.78	13.05	24.13	0.1634
518598	2592.99	38450	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.81	13.09	24.16	0.1646
					1	271	1	99	23.88	13.11	24.23	0.1671
					135	67	100	0	23.83	13.11	24.18	0.1653
				QPSK DFT-s-OFDM	1	1	1	0	24.06	13.08	24.39	0.1735
					1	271	1	99	23.86	13.04	24.21	0.1662
					135	67	100	0	23.87	13.15	24.22	0.1668
528000	2640	38550	1910	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.9	13.12	24.25	0.1678
					1	271	1	99	23.36	12.92	23.74	0.1491
					135	67	100	0	24.04	13.02	24.37	0.1726
				QPSK DFT-s-OFDM	1	1	1	0	24.15	13.12	24.48	0.177
					1	271	1	99	23.16	13.08	23.57	0.1434
					135	67	100	0	24.06	12.96	24.38	0.1732



EN-DC_39A_n41A												
Combination 60MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505200	2526	38350	1890	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.39	13.16	23.78	0.1508
					1	160	1	99	23.34	13.08	23.73	0.149
					81	40	100	0	23.5	13.05	23.87	0.154
				QPSK DFT-s-OFDM	1	1	1	0	23.41	13.09	23.80	0.1512
					1	160	1	99	23.43	13.15	23.82	0.152
					81	40	100	0	23.54	13.13	23.92	0.1555
518598	2592.99	38450	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.56	13.08	23.93	0.156
					1	160	1	99	23.74	13.11	24.10	0.1622
					81	40	100	0	23.69	13.07	24.05	0.1604
				QPSK DFT-s-OFDM	1	1	1	0	23.67	13.02	24.03	0.1595
					1	160	1	99	23.7	13.07	24.06	0.1607
					81	40	100	0	23.75	13.06	24.11	0.1624
531996	2659.98	38550	1910	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.66	12.9	24.01	0.1589
					1	160	1	99	23.23	12.93	23.62	0.1451
					81	40	100	0	23.55	12.99	23.92	0.1554
				QPSK DFT-s-OFDM	1	1	1	0	23.79	13.04	24.14	0.1637
					1	160	1	99	23.28	13	23.67	0.1469
					81	40	100	0	23.5	12.98	23.87	0.1538



EN-DC_39A_n41A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
501204	2506.02	38350	1890	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.51	13.03	23.88	0.1543
					1	49	1	99	23.46	13.09	23.84	0.1528
					25	12	100	0	23.48	13	23.85	0.1532
				QPSK DFT-s-OFDM	1	1	1	0	23.54	13.12	23.92	0.1555
					1	49	1	99	23.56	13.09	23.93	0.1561
					25	12	100	0	23.47	13.05	23.85	0.153
518598	2592.99	38450	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.91	13.08	24.25	0.1681
					1	49	1	99	23.75	13.12	24.11	0.1626
					25	12	100	0	23.75	13.15	24.11	0.1627
				QPSK DFT-s-OFDM	1	1	1	0	23.91	13.05	24.25	0.168
					1	49	1	99	23.8	13.13	24.16	0.1643
					25	12	100	0	23.82	12.98	24.16	0.1646
535998	2679.99	38550	1910	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.58	13.03	23.95	0.1566
					1	49	1	99	23.39	13.08	23.78	0.1505
					25	12	100	0	23.42	13	23.80	0.1513
				QPSK DFT-s-OFDM	1	1	1	0	23.66	13.11	24.03	0.1595
					1	49	1	99	23.31	13.08	23.70	0.148
					25	12	100	0	23.5	13.03	23.87	0.1539



EN-DC_41A_n41A												
Combination 100MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
509202	2546.01	41490	2680	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.96	23.19	26.60	0.2886
					1	271	1	99	23.87	23.16	26.54	0.2844
					135	67	100	0	24.06	23.17	26.65	0.2916
				QPSK DFT-s-OFDM	1	1	1	0	24	23.13	26.60	0.2882
					1	271	1	99	23.3	23.14	26.23	0.2649
					135	67	100	0	24.01	23.16	26.62	0.2895
528000	2640	39750	2506	PI/2 BPSK DFT-s-OFDM	1	1	1	0	24.07	23.32	26.72	0.2966
					1	271	1	99	21.98	23.27	25.68	0.2335
					135	67	100	0	24.31	23.35	26.87	0.3067
				QPSK DFT-s-OFDM	1	1	1	0	24.35	23.32	26.88	0.3073
					1	271	1	99	22.62	23.28	25.97	0.2496
					135	67	100	0	24.37	23.3	26.88	0.3075



EN-DC_41A_n41A												
Combination 60MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505200	2526	41490	2680	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.57	23.11	26.36	0.2727
					1	160	1	99	23.72	23.12	26.44	0.278
					81	40	100	0	23.69	23.13	26.43	0.2773
				QPSK DFT-s-OFDM	1	1	1	0	23.63	23.11	26.39	0.2747
					1	160	1	99	23.78	23.12	26.47	0.2801
					81	40	100	0	23.66	23	26.35	0.2724
531996	2659.98	39750	2506	PI/2 BPSK DFT-s-OFDM	1	1	1	0	24.15	23.24	26.73	0.2971
					1	160	1	99	22.47	23.32	25.93	0.2469
					81	40	100	0	24.03	23.35	26.71	0.296
				QPSK DFT-s-OFDM	1	1	1	0	24.13	23.28	26.74	0.2976
					1	160	1	99	22.47	23.3	25.92	0.2463
					81	40	100	0	24.06	23.34	26.73	0.2968



EN-DC_41A_n41A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
501204	2506.02	41490	2680	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.8	23.12	26.48	0.2808
					1	49	1	99	23.83	23.2	26.54	0.2842
					25	12	100	0	23.77	23.15	26.48	0.2806
				QPSK DFT-s-OFDM	1	1	1	0	23.85	23	26.46	0.279
					1	49	1	99	23.69	23.1	26.42	0.2764
					25	12	100	0	23.7	23.11	26.43	0.277
535998	2679.99	39750	2506	PI/2 BPSK DFT-s-OFDM	1	1	1	0	24.03	23.27	26.68	0.2936
					1	49	1	99	23.43	23.28	26.37	0.2733
					25	12	100	0	23.42	23.29	26.37	0.2733
				QPSK DFT-s-OFDM	1	1	1	0	24.05	23.23	26.67	0.2931
					1	49	1	99	23.46	23.28	26.38	0.2742
					25	12	100	0	23.89	23.25	26.59	0.2879



EN-DC_(n)41AA												
Combination 100MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
509220	2546.01	40751	2606.1	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.94	23.24	26.61	0.2894
					1	271	1	99	23.66	23.33	26.51	0.2824
					135	67	100	0	23.62	23.32	26.48	0.2807
				QPSK DFT-s-OFDM	1	1	1	0	24.04	23.42	26.75	0.2986
					1	271	1	99	23.71	23.3	26.52	0.2831
					135	67	100	0	24.13	23.31	26.75	0.2985
516600	2583	41120	2643	PI/2 BPSK DFT-s-OFDM	1	1	1	0	24.33	23.24	26.83	0.304
					1	271	1	99	24.21	23.19	26.74	0.2979
					135	67	100	0	23.85	23.21	26.55	0.2852
				QPSK DFT-s-OFDM	1	1	1	0	24.42	23.22	26.87	0.307
					1	271	1	99	24.19	23.18	26.72	0.2968
					135	67	100	0	24.31	23.31	26.85	0.3054
528000	2640	40490	2580	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.79	23.52	26.67	0.2929
					1	271	1	99	23.86	23.6	26.74	0.298
					135	67	100	0	23.75	23.49	26.63	0.2906
				QPSK DFT-s-OFDM	1	1	1	0	23.97	23.63	26.81	0.3029
					1	271	1	99	24.03	23.53	26.80	0.3018
					135	67	100	0	24.17	23.58	26.90	0.3087



EN-DC_(n)41AA												
Combination 60MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505242	2526.21	40352	2566.2	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.61	23.41	26.52	0.2832
					1	160	1	99	23.77	23.35	26.58	0.2868
					81	40	100	0	23.8	23.46	26.64	0.2913
				QPSK DFT-s-OFDM	1	1	1	0	23.63	23.44	26.55	0.2849
					1	160	1	99	23.84	23.45	26.66	0.2924
					81	40	100	0	23.78	23.47	26.64	0.2909
516582	2582.91	40919	2622.9	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.99	23.36	26.70	0.2949
					1	160	1	99	23.46	23.38	26.43	0.2774
					81	40	100	0	23.48	23.46	26.48	0.2806
				QPSK DFT-s-OFDM	1	1	1	0	24.1	23.41	26.78	0.3005
					1	160	1	99	23.53	23.42	26.49	0.2809
					81	40	100	0	23.95	23.37	26.68	0.2938
531978	2659.89	40889	2619.9	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.87	23.35	26.63	0.2903
					1	160	1	99	23.46	23.39	26.44	0.2777
					81	40	100	0	23.51	23.39	26.46	0.2793
				QPSK DFT-s-OFDM	1	1	1	0	24.15	23.46	26.83	0.304
					1	160	1	99	23.67	23.34	26.52	0.283
					81	40	100	0	23.96	23.37	26.69	0.2941



EN-DC_(n)41AA												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
501258	2506.29	39953	2526.3	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.7	23.13	26.43	0.2776
					1	49	1	99	23.64	23.16	26.42	0.2765
					25	12	100	0	23.65	23.17	26.43	0.2771
				QPSK DFT-s-OFDM	1	1	1	0	23.63	23.19	26.43	0.2771
					1	49	1	99	23.61	23.11	26.38	0.274
					25	12	100	0	23.59	23.15	26.39	0.2745
516618	2583.09	40721	2603.1	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.86	23.14	26.53	0.2835
					1	49	1	99	23.84	23.18	26.53	0.284
					25	12	100	0	23.81	23.15	26.50	0.282
				QPSK DFT-s-OFDM	1	1	1	0	23.91	23.11	26.54	0.2844
					1	49	1	99	23.98	23.21	26.62	0.2899
					25	12	100	0	24.03	23.19	26.64	0.2911
535962	2679.81	41288	2659.8	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.85	23.18	26.54	0.2843
					1	49	1	99	23.81	23.15	26.50	0.282
					25	12	100	0	23.79	23.19	26.51	0.2825
				QPSK DFT-s-OFDM	1	1	1	0	24.11	23.19	26.68	0.2941
					1	49	1	99	23.99	23.16	26.61	0.2887
					25	12	100	0	24.03	23.22	26.65	0.292



EN-DC_66A_n41A												
Combination 100MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
509202	2546.01	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.61	12.99	23.97	0.1574
					1	271	1	99	23.35	12.88	23.72	0.1487
					135	67	100	0	23.61	12.9	23.96	0.1572
				QPSK DFT-s-OFDM	1	1	1	0	23.67	12.91	24.02	0.1592
					1	271	1	99	23.25	12.94	23.64	0.1458
					135	67	100	0	23.67	12.87	24.02	0.1591
518598	2592.99	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.75	12.97	24.10	0.1621
					1	271	1	99	23.81	12.95	24.15	0.1642
					135	67	100	0	23.84	13	24.18	0.1653
				QPSK DFT-s-OFDM	1	1	1	0	23.91	12.9	24.24	0.1675
					1	271	1	99	23.93	12.98	24.27	0.1685
					135	67	100	0	23.86	12.99	24.20	0.166
528000	2640	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.9	13.01	24.24	0.1675
					1	271	1	99	23.44	13.1	23.82	0.1522
					135	67	100	0	23.95	12.99	24.28	0.1692
				QPSK DFT-s-OFDM	1	1	1	0	24.01	13.04	24.34	0.1716
					1	271	1	99	23.32	13.02	23.71	0.1482
					135	67	100	0	23.99	13.13	24.33	0.1711



EN-DC_66A_n41A												
Combination 60MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
505200	2526	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.25	13.03	23.64	0.146
					1	160	1	99	23.34	13.02	23.73	0.1488
					81	40	100	0	23.36	12.89	23.73	0.149
				QPSK DFT-s-OFDM	1	1	1	0	23.33	13.01	23.72	0.1484
					1	160	1	99	23.29	12.99	23.68	0.1471
					81	40	100	0	23.41	12.94	23.78	0.1508
518598	2592.99	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.5	13.02	23.87	0.1539
					1	160	1	99	23.58	13.02	23.95	0.1565
					81	40	100	0	23.65	12.93	24.00	0.1586
				QPSK DFT-s-OFDM	1	1	1	0	23.62	13.01	23.98	0.1578
					1	160	1	99	23.55	12.95	23.91	0.1553
					81	40	100	0	23.67	12.94	24.02	0.1593
531996	2659.98	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.56	13.05	23.93	0.156
					1	160	1	99	23.16	13.09	23.57	0.1435
					81	40	100	0	23.43	13.02	23.81	0.1516
				QPSK DFT-s-OFDM	1	1	1	0	23.61	13.08	23.98	0.1577
					1	160	1	99	23.24	13.12	23.64	0.146
					81	40	100	0	23.44	13.02	23.82	0.152



EN-DC_66A_n41A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
501204	2506.02	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.25	12.93	23.64	0.1457
					1	49	1	99	23.31	12.9	23.69	0.1475
					25	12	100	0	23.29	12.98	23.68	0.1471
				QPSK DFT-s-OFDM	1	1	1	0	23.25	12.99	23.64	0.1459
					1	49	1	99	23.34	12.94	23.72	0.1486
					25	12	100	0	23.29	13.04	23.68	0.1473
518598	2592.99	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.8	12.96	24.14	0.1638
					1	49	1	99	23.61	12.99	23.97	0.1574
					25	12	100	0	23.71	12.95	24.06	0.1607
				QPSK DFT-s-OFDM	1	1	1	0	23.89	13.02	24.23	0.1672
					1	49	1	99	23.71	12.98	24.06	0.1608
					25	12	100	0	23.74	12.92	24.09	0.1616
535998	2679.99	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.53	13.02	23.90	0.1549
					1	49	1	99	23.31	13.14	23.71	0.1482
					25	12	100	0	23.42	12.96	23.79	0.1511
				QPSK DFT-s-OFDM	1	1	1	0	23.58	13.02	23.95	0.1565
					1	49	1	99	23.32	13.08	23.71	0.1483
					25	12	100	0	23.43	13.07	23.81	0.1518



EN-DC_5A_n66A												
Combination 20MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
344000	1720	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.02	12.71	22.50	0.1122
					1	104	1	49	21.86	12.77	22.36	0.1088
					50	25	50	0	22.88	12.75	23.28	0.1343
				QPSK DFT-s-OFDM	1	1	1	0	22.04	12.81	22.53	0.113
					1	104	1	49	22.01	12.79	22.50	0.1122
					50	25	50	0	22.86	12.74	23.26	0.1338
349000	1745	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.56	12.74	22.10	0.1022
					1	104	1	49	21.53	12.7	22.06	0.1015
					50	25	50	0	23.13	12.64	23.50	0.1413
				QPSK DFT-s-OFDM	1	1	1	0	21.55	12.74	22.09	0.102
					1	104	1	49	21.64	12.72	22.16	0.1038
					50	25	50	0	22.48	12.67	22.91	0.1234
354000	1770	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.39	12.9	21.97	0.0992
					1	104	1	49	21.35	12.6	21.89	0.0976
					50	25	50	0	22.41	12.66	22.85	0.1215
				QPSK DFT-s-OFDM	1	1	1	0	21.63	12.69	22.15	0.1036
					1	104	1	49	21.41	12.65	21.95	0.0989
					50	25	50	0	22.41	12.74	22.85	0.1218



EN-DC_5A_n66A												
Combination 10MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
343000	1715	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.68	12.19	22.14	0.1033
					1	50	1	49	21.64	12.12	22.10	0.1023
					25	12	50	0	22.25	12.18	22.66	0.1163
				QPSK DFT-s-OFDM	1	1	1	0	22.33	12.15	22.73	0.1182
					1	50	1	49	22.37	12.13	22.76	0.1192
					25	12	50	0	21.74	12.18	22.20	0.1046
349000	1745	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.46	12.06	21.93	0.0984
					1	50	1	49	21.39	12.11	21.87	0.0972
					25	12	50	0	21.62	12.06	22.08	0.1018
				QPSK DFT-s-OFDM	1	1	1	0	21.52	12.14	21.99	0.0999
					1	50	1	49	22.21	12.12	22.62	0.1152
					25	12	50	0	21.75	12.07	22.19	0.1046
355000	1775	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.33	12.04	21.81	0.0958
					1	50	1	49	21.92	12.08	22.35	0.1084
					25	12	50	0	21.95	12.13	22.38	0.1092
				QPSK DFT-s-OFDM	1	1	1	0	22.08	12.11	22.50	0.1121
					1	50	1	49	21.4	12.09	21.88	0.0973
					25	12	50	0	21.31	12.12	21.80	0.0956



EN-DC_5A_n66A												
Combination 5MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
342500	1712.5	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.64	12.72	23.06	0.1277
					1	49	1	49	22.7	12.8	23.12	0.1295
					25	12	50	0	22.48	12.75	22.92	0.1236
				QPSK DFT-s-OFDM	1	1	1	0	22.75	12.82	23.17	0.1309
					1	49	1	49	22.63	12.78	23.06	0.1276
					25	12	50	0	22.51	12.82	22.95	0.1245
349000	1745	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.01	12.77	22.50	0.1122
					1	49	1	49	22.02	12.77	22.51	0.1124
					25	12	50	0	22.03	12.74	22.51	0.1126
				QPSK DFT-s-OFDM	1	1	1	0	22.84	12.83	23.25	0.1334
					1	49	1	49	22.87	12.74	23.27	0.134
					25	12	50	0	22.14	12.81	22.62	0.1153
355500	1777.5	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.91	12.64	22.40	0.1095
					1	49	1	49	21.88	12.72	22.38	0.1091
					25	12	50	0	21.93	12.69	22.42	0.1101
				QPSK DFT-s-OFDM	1	1	1	0	21.97	12.64	22.45	0.1109
					1	49	1	49	21.96	12.8	22.46	0.1111
					25	12	50	0	21.99	12.79	22.48	0.1118



EN-DC_12A_n66A												
Combination 20MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
344000	1720	23060	704	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22	12.86	22.50	0.1122
					1	104	1	49	21.87	12.9	22.39	0.1094
					50	25	50	0	22.9	12.83	23.31	0.1351
				QPSK DFT-s-OFDM	1	1	1	0	22.2	12.8	22.67	0.1167
					1	104	1	49	22.02	12.89	22.52	0.1127
					50	25	50	0	22.74	12.83	23.16	0.1307
349000	1745	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.56	12.75	22.10	0.1022
					1	104	1	49	21.51	12.72	22.05	0.1011
					50	25	50	0	22.1	12.86	22.59	0.1145
				QPSK DFT-s-OFDM	1	1	1	0	21.77	12.84	22.29	0.107
					1	104	1	49	21.51	12.9	22.07	0.1016
					50	25	50	0	22.08	12.75	22.56	0.1137
354000	1770	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.46	12.7	22.00	0.1001
					1	104	1	49	21.38	12.75	21.94	0.0986
					50	25	50	0	22.01	12.79	22.50	0.1122
				QPSK DFT-s-OFDM	1	1	1	0	21.7	12.78	22.22	0.1053
					1	104	1	49	21.45	12.82	22.01	0.1002
					50	25	50	0	22.05	12.69	22.53	0.1129



EN-DC_12A_n66A												
Combination 10MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
343000	1715	23060	704	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.72	12.18	22.18	0.1042
					1	50	1	49	21.67	12.31	22.15	0.1034
					25	12	50	0	21.77	12.26	22.23	0.1055
				QPSK DFT-s-OFDM	1	1	1	0	22.3	12.23	22.71	0.1177
					1	50	1	49	22.15	12.22	22.57	0.114
					25	12	50	0	21.77	12.27	22.23	0.1055
349000	1745	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.55	12.09	22.02	0.1004
					1	50	1	49	21.48	12.07	21.95	0.0989
					25	12	50	0	21.67	12.11	22.13	0.1029
				QPSK DFT-s-OFDM	1	1	1	0	21.64	12.1	22.10	0.1023
					1	50	1	49	21.52	12.14	21.99	0.0999
					25	12	50	0	22.04	12.13	22.46	0.1112
355000	1775	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.31	12.17	21.81	0.0957
					1	50	1	49	21.25	12.13	21.75	0.0944
					25	12	50	0	21.94	12.17	22.38	0.109
				QPSK DFT-s-OFDM	1	1	1	0	21.57	12.14	22.04	0.1009
					1	50	1	49	21.94	12.12	22.37	0.1089
					25	12	50	0	21.43	12.02	21.90	0.0977



EN-DC_12A_n66A												
Combination 5MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
342500	1712.5	23060	704	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.67	12.92	23.11	0.129
					1	49	1	49	22.66	12.91	23.10	0.1287
					25	12	50	0	22.7	12.96	23.14	0.13
				QPSK DFT-s-OFDM	1	1	1	0	22.69	13.09	23.14	0.1301
					1	49	1	49	22.68	12.81	23.11	0.129
					25	12	50	0	22.67	13.02	23.12	0.1293
349000	1745	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.09	12.8	22.57	0.1141
					1	49	1	49	22.06	12.85	22.55	0.1136
					25	12	50	0	22.11	12.81	22.59	0.1146
				QPSK DFT-s-OFDM	1	1	1	0	22.12	12.68	22.59	0.1145
					1	49	1	49	22.79	12.91	23.21	0.1323
					25	12	50	0	22.1	12.77	22.58	0.1143
355500	1777.5	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.02	12.72	22.50	0.1123
					1	49	1	49	21.93	12.75	22.43	0.1103
					25	12	50	0	21.95	12.85	22.45	0.111
				QPSK DFT-s-OFDM	1	1	1	0	22.03	12.81	22.52	0.1127
					1	49	1	49	22.11	12.87	22.60	0.1148
					25	12	50	0	22.1	12.75	22.58	0.1142



EN-DC_13A_n66A												
Combination 20MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
344000	1720	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.95	12.82	22.45	0.1109
					1	104	1	49	21.79	12.84	22.31	0.1074
					50	25	50	0	22.89	12.69	23.29	0.1345
				QPSK DFT-s-OFDM	1	1	1	0	22.14	12.77	22.62	0.1152
					1	104	1	49	21.92	12.93	22.44	0.1106
					50	25	50	0	22.56	12.78	22.99	0.1257
349000	1745	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.54	12.84	22.09	0.1021
					1	104	1	49	21.63	12.85	22.17	0.104
					50	25	50	0	22.07	12.93	22.57	0.114
				QPSK DFT-s-OFDM	1	1	1	0	21.71	12.77	22.23	0.1055
					1	104	1	49	21.66	12.75	22.19	0.1044
					50	25	50	0	22.12	12.8	22.60	0.1148
354000	1770	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.68	12.85	22.21	0.1051
					1	104	1	49	21.45	12.9	22.02	0.1004
					50	25	50	0	22.12	12.87	22.61	0.115
				QPSK DFT-s-OFDM	1	1	1	0	21.57	12.96	22.13	0.103
					1	104	1	49	22.29	12.93	22.77	0.1193
					50	25	50	0	22.2	12.88	22.68	0.117



EN-DC_13A_n66A												
Combination 10MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
344000	1720	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.64	12.69	22.16	0.1038
					1	50	1	49	22.25	12.65	22.70	0.1175
					25	12	50	0	21.26	12.64	21.82	0.0959
				QPSK DFT-s-OFDM	1	1	1	0	21.73	12.68	22.24	0.1057
					1	50	1	49	21.91	12.78	22.41	0.1099
					25	12	50	0	21.84	12.71	22.34	0.1082
349000	1745	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.11	12.66	21.69	0.0931
					1	50	1	49	21.48	12.58	22.01	0.1001
					25	12	50	0	21.71	12.73	22.23	0.1054
				QPSK DFT-s-OFDM	1	1	1	0	22.28	12.61	22.72	0.1182
					1	50	1	49	21.69	12.76	22.21	0.105
					25	12	50	0	21.84	12.77	22.35	0.1083
354000	1770	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.87	12.72	22.37	0.1089
					1	50	1	49	21.24	12.69	21.81	0.0957
					25	12	50	0	21.24	12.78	21.82	0.0959
				QPSK DFT-s-OFDM	1	1	1	0	21.96	12.64	22.44	0.1107
					1	50	1	49	21.31	12.69	21.87	0.097
					25	12	50	0	21.41	12.65	21.95	0.0989



EN-DC_13A_n66A												
Combination 5MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
342500	1712.5	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.65	13.03	23.10	0.1288
					1	23	1	49	22.62	12.96	23.07	0.1278
					12	6	50	0	22.68	12.93	23.12	0.1293
				QPSK DFT-s-OFDM	1	1	1	0	22.67	12.9	23.11	0.129
					1	23	1	49	22.67	12.95	23.11	0.1291
					12	6	50	0	22.63	12.9	23.07	0.1279
349000	1745	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.13	12.97	22.63	0.1155
					1	23	1	49	22.15	12.82	22.63	0.1156
					12	6	50	0	22.16	12.82	22.64	0.1158
				QPSK DFT-s-OFDM	1	1	1	0	22.15	12.86	22.63	0.1157
					1	23	1	49	22.14	12.98	22.64	0.1158
					12	6	50	0	22.17	12.89	22.65	0.1163
355500	1777.5	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.94	12.8	22.44	0.1107
					1	23	1	49	21.97	12.79	22.47	0.1113
					12	6	50	0	21.98	12.84	22.48	0.1117
				QPSK DFT-s-OFDM	1	1	1	0	21.93	12.84	22.43	0.1105
					1	23	1	49	21.91	12.81	22.41	0.11
					12	6	50	0	21.95	12.8	22.45	0.1109



EN-DC_2A_n71A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
134600	673	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.8	12.34	23.17	0.131
					1	104	1	99	22.67	12.41	23.06	0.1277
					50	25	100	0	23.22	12.36	23.56	0.1433
				QPSK DFT-s-OFDM	1	1	1	0	22.82	12.36	23.19	0.1316
					1	104	1	99	22.81	12.34	23.18	0.1313
					50	25	100	0	23.2	12.33	23.54	0.1426
136100	680.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.64	12.3	23.02	0.1266
					1	104	1	99	22.54	12.37	22.94	0.1241
					50	25	100	0	23.58	12.33	23.89	0.1547
				QPSK DFT-s-OFDM	1	1	1	0	22.54	12.37	22.94	0.1241
					1	104	1	99	22.61	12.35	23.00	0.1259
					50	25	100	0	23.57	12.31	23.88	0.1543
137600	688	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.68	12.45	23.07	0.128
					1	104	1	99	22.46	12.48	22.88	0.1223
					50	25	100	0	23.18	12.34	23.52	0.142
				QPSK DFT-s-OFDM	1	1	1	0	22.82	12.5	23.21	0.132
					1	104	1	99	22.51	12.46	22.92	0.1236
					50	25	100	0	23.22	12.43	23.57	0.1435



EN-DC_2A_n71A												
Combination 10MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
133600	668	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.55	12.23	22.94	0.124
					1	50	1	99	22.42	12.26	22.82	0.1208
					25	12	100	0	22.47	12.22	22.86	0.1219
				QPSK DFT-s-OFDM	1	1	1	0	22.48	12.18	22.87	0.1221
					1	50	1	99	22.35	12.16	22.75	0.1188
					25	12	100	0	22.47	12.22	22.86	0.1219
136100	680.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.39	12.32	22.80	0.1202
					1	50	1	99	22.48	12.25	22.87	0.1223
					25	12	100	0	22.5	12.21	22.89	0.1227
				QPSK DFT-s-OFDM	1	1	1	0	22.43	12.27	22.83	0.121
					1	50	1	99	22.53	12.26	22.92	0.1236
					25	12	100	0	22.49	12.31	22.89	0.1227
138600	693	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.42	12.27	22.82	0.1208
					1	50	1	99	22.26	12.33	22.68	0.117
					25	12	100	0	22.37	12.27	22.77	0.1195
				QPSK DFT-s-OFDM	1	1	1	0	22.47	12.22	22.86	0.1219
					1	50	1	99	22.18	12.21	22.60	0.1147
					25	12	100	0	22.38	12.28	22.78	0.1198



EN-DC_2A_n71A												
Combination 5MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
133100	665.5	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.28	12.15	23.60	0.1446
					1	49	1	99	23.29	12.12	23.61	0.1449
					25	12	100	0	23.24	12.19	23.57	0.1435
				QPSK DFT-s-OFDM	1	1	1	0	23.26	12.18	23.59	0.1441
					1	49	1	99	23.25	12.21	23.58	0.1438
					25	12	100	0	23.22	12.21	23.55	0.1429
136100	680.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.16	12.15	23.49	0.141
					1	49	1	99	23.16	12.21	23.50	0.1411
					25	12	100	0	23.08	12.24	23.42	0.1388
				QPSK DFT-s-OFDM	1	1	1	0	23.14	12.11	23.47	0.1403
					1	49	1	99	23.17	12.27	23.51	0.1416
					25	12	100	0	23.15	12.24	23.49	0.1409
139100	695.5	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.08	12.36	23.43	0.1391
					1	49	1	99	23.11	12.29	23.46	0.1398
					25	12	100	0	23.1	12.35	23.45	0.1397
				QPSK DFT-s-OFDM	1	1	1	0	23.08	12.32	23.43	0.139
					1	49	1	99	23.13	12.24	23.47	0.1403
					25	12	100	0	23.05	12.35	23.40	0.1382



EN-DC_66A_n71A												
Combination 20MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
134600	673	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.65	12.71	23.07	0.1279
					1	104	1	99	22.5	12.65	22.93	0.1238
					50	25	100	0	23.03	12.62	23.41	0.1383
				QPSK DFT-s-OFDM	1	1	1	0	22.66	12.64	23.07	0.128
					1	104	1	99	22.58	12.74	23.01	0.1261
					50	25	100	0	23.02	12.69	23.40	0.1382
136100	680.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.37	12.64	22.81	0.1205
					1	104	1	99	22.37	12.68	22.81	0.1206
					50	25	100	0	23.35	12.56	23.70	0.1478
				QPSK DFT-s-OFDM	1	1	1	0	22.32	12.69	22.77	0.1194
					1	104	1	99	22.55	12.66	22.97	0.1251
					50	25	100	0	23.61	12.6	23.94	0.1564
137600	688	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.53	12.72	22.96	0.1248
					1	104	1	99	22.3	12.65	22.75	0.1188
					50	25	100	0	23.37	12.7	23.73	0.1488
				QPSK DFT-s-OFDM	1	1	1	0	22.6	12.7	23.02	0.1266
					1	104	1	99	22.46	12.69	22.90	0.1229
					50	25	100	0	23.51	12.63	23.85	0.1531



EN-DC_66A_n71A												
Combination 10MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
133600	668	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.52	12.27	22.91	0.1234
					1	50	1	99	22.29	12.21	22.70	0.1174
					25	12	100	0	22.47	12.29	22.87	0.1221
				QPSK DFT-s-OFDM	1	1	1	0	22.65	12.29	23.03	0.1268
					1	50	1	99	22.38	12.31	22.79	0.1199
					25	12	100	0	22.48	12.31	22.88	0.1224
136100	680.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.42	12.3	22.82	0.1209
					1	50	1	99	22.39	12.25	22.79	0.12
					25	12	100	0	22.15	12.17	22.57	0.1139
				QPSK DFT-s-OFDM	1	1	1	0	22.44	12.36	22.85	0.1215
					1	50	1	99	22.45	12.35	22.85	0.1218
					25	12	100	0	22.47	12.3	22.87	0.1221
138600	693	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.45	12.43	22.86	0.122
					1	50	1	99	22.3	12.37	22.72	0.118
					25	12	100	0	22.42	12.33	22.83	0.1209
				QPSK DFT-s-OFDM	1	1	1	0	22.45	12.4	22.86	0.1219
					1	50	1	99	22.29	12.38	22.71	0.1178
					25	12	100	0	22.42	12.34	22.83	0.121

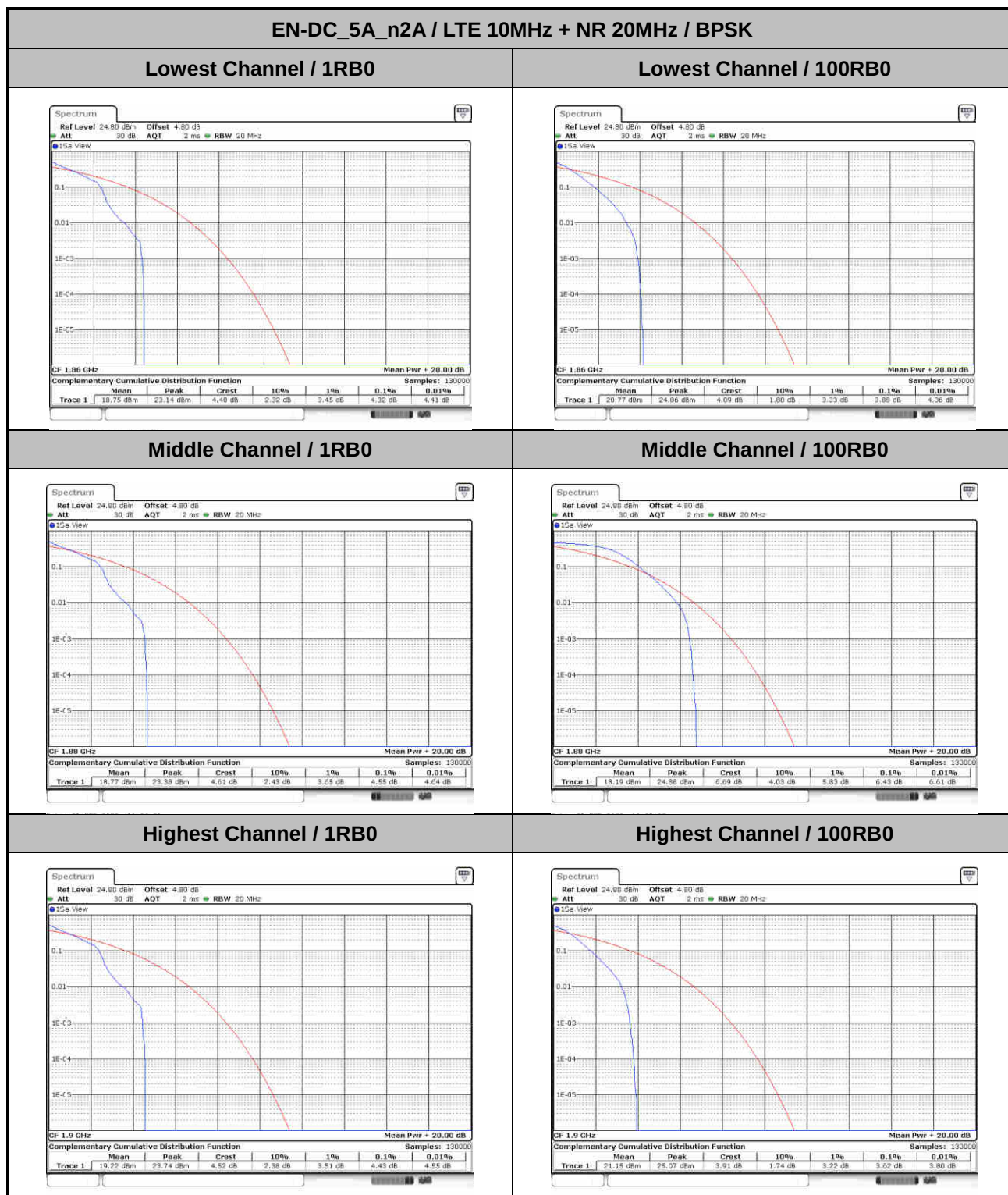


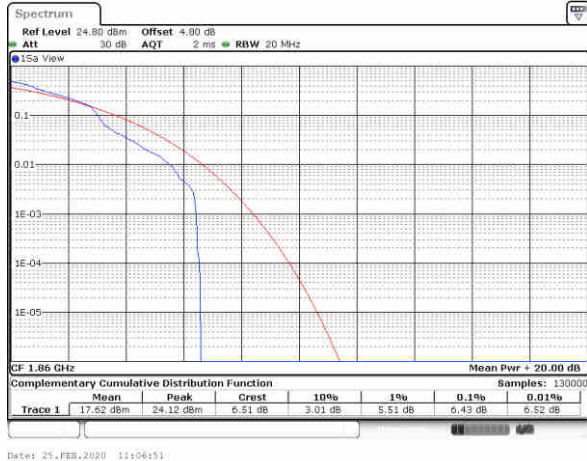
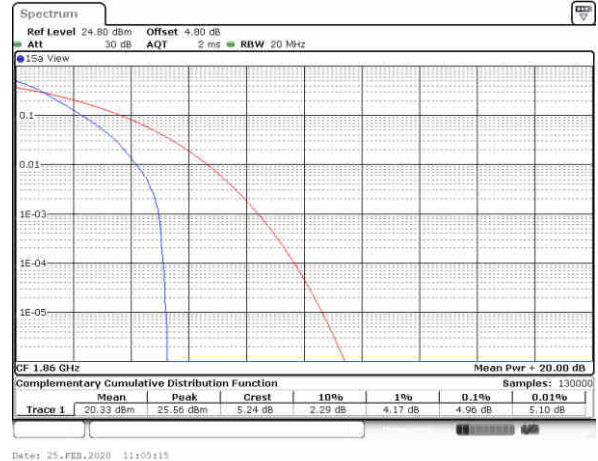
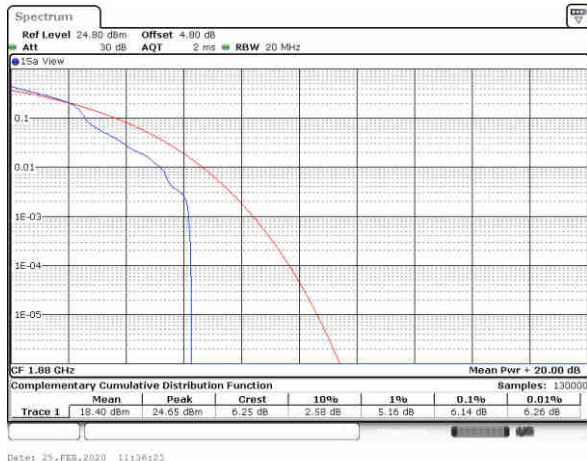
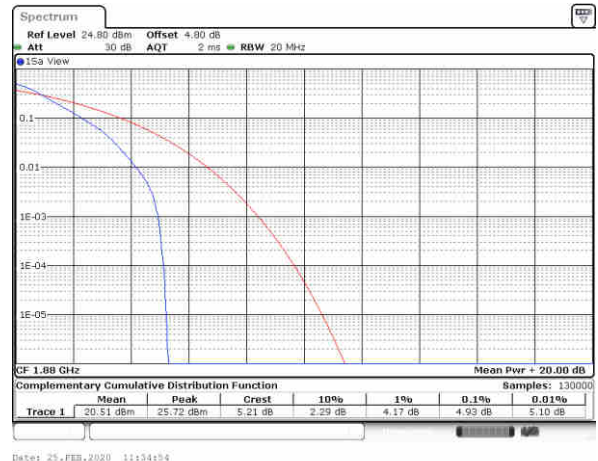
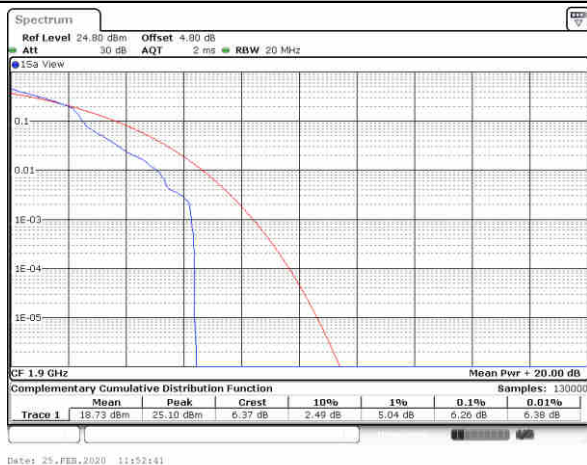
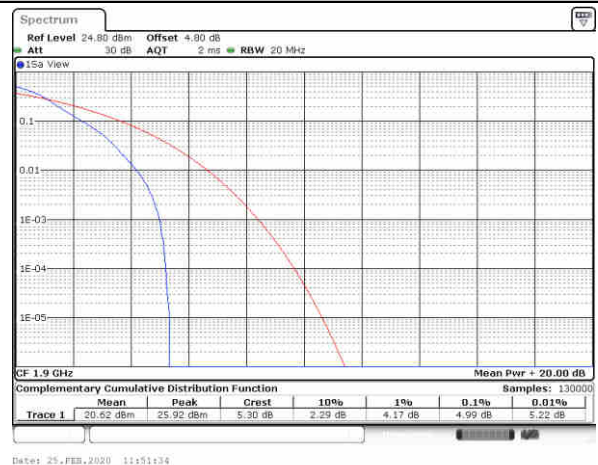
EN-DC_66A_n71A												
Combination 5MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
133100	665.5	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.33	12.19	23.65	0.1463
					1	49	1	99	23.29	12.17	23.61	0.145
					25	12	100	0	23.26	12.21	23.59	0.1442
				QPSK DFT-s-OFDM	1	1	1	0	23.26	12.14	23.58	0.144
					1	49	1	99	23.29	12.19	23.61	0.145
					25	12	100	0	23.22	12.26	23.55	0.1431
136100	680.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.17	12.19	23.50	0.1414
					1	49	1	99	23.19	12.4	23.54	0.1425
					25	12	100	0	23.18	12.24	23.52	0.1418
				QPSK DFT-s-OFDM	1	1	1	0	23.16	12.35	23.51	0.1415
					1	49	1	99	23.14	12.26	23.48	0.1406
					25	12	100	0	23.89	12.28	24.18	0.1652
139100	695.5	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.16	12.25	23.50	0.1412
					1	49	1	99	23.08	12.25	23.42	0.1388
					25	12	100	0	23.13	12.21	23.47	0.1402
				QPSK DFT-s-OFDM	1	1	1	0	23.11	12.25	23.45	0.1397
					1	49	1	99	23.12	12.08	23.45	0.1396
					25	12	100	0	23.12	12.29	23.46	0.1401



5G NR n2

Peak-to-Average Ratio

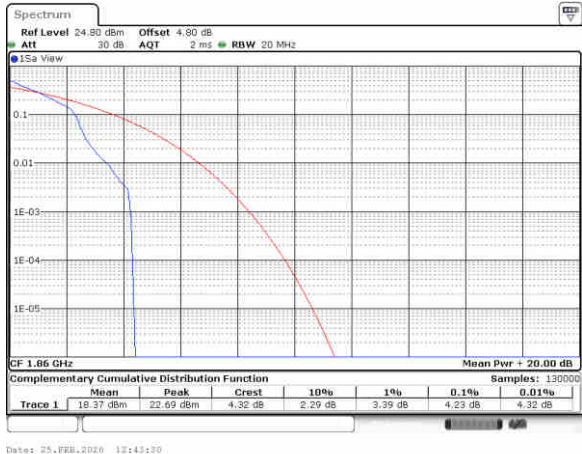


EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / QPSK
Lowest Channel / 1RB0

Lowest Channel / 100RB0

Middle Channel / 1RB0

Middle Channel / 100RB0

Highest Channel / 1RB0

Highest Channel / 100RB0


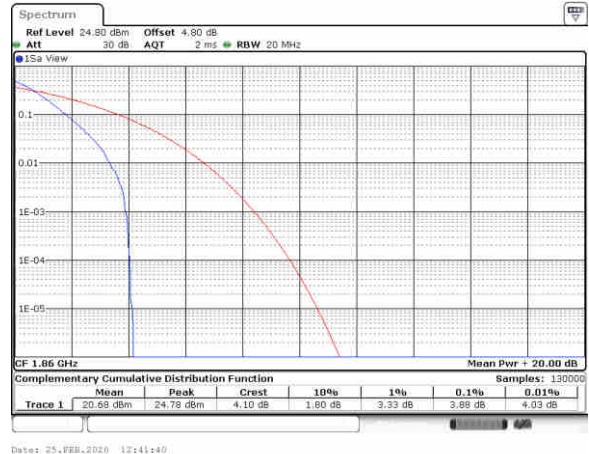


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / BPSK

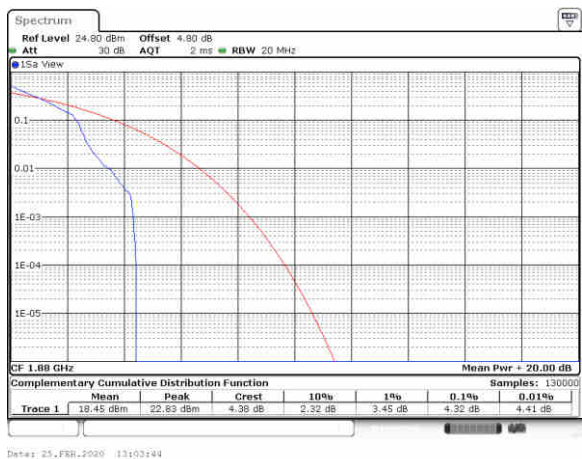
Lowest Channel / 1RB0



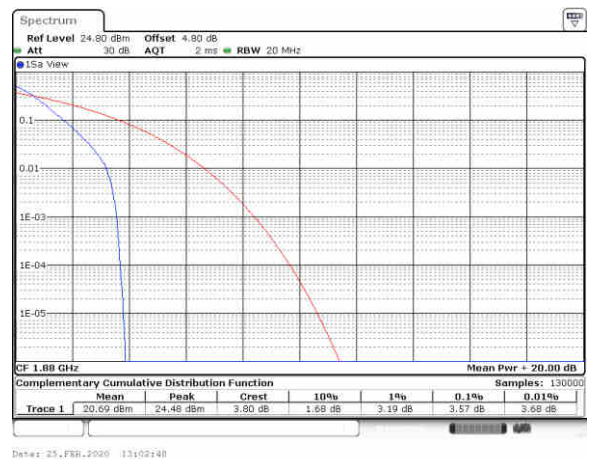
Lowest Channel / 100RB0



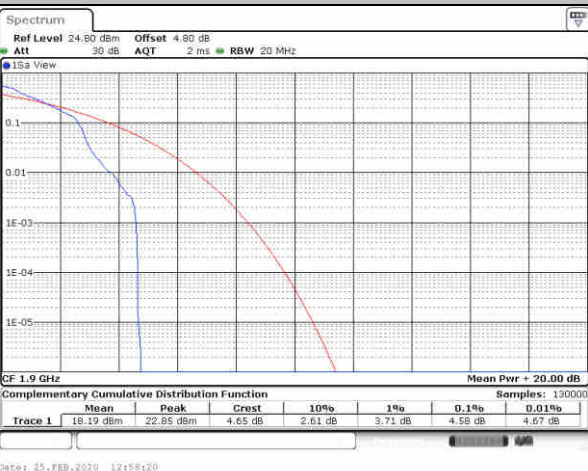
Middle Channel / 1RB0



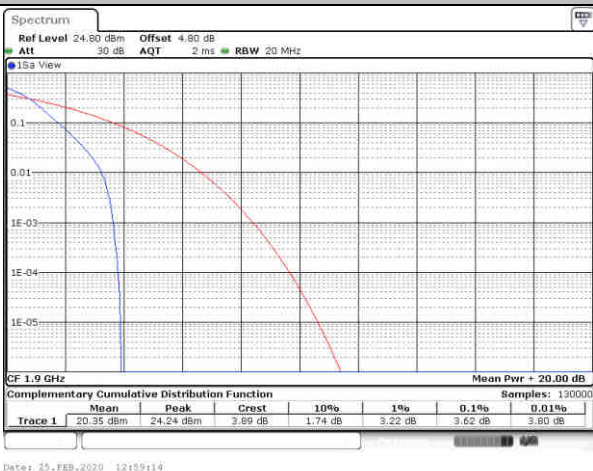
Middle Channel / 100RB0



Highest Channel / 1RB0



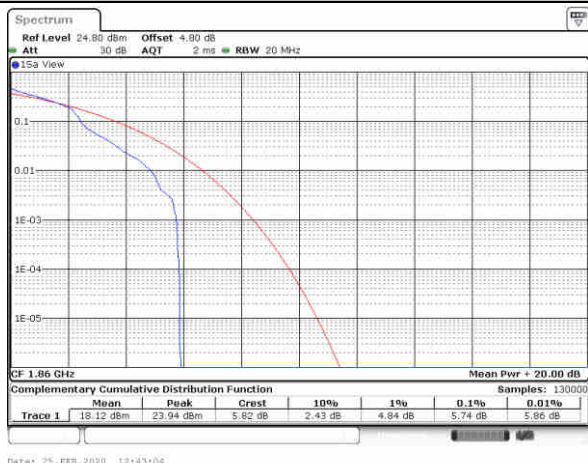
Highest Channel / 100RB0



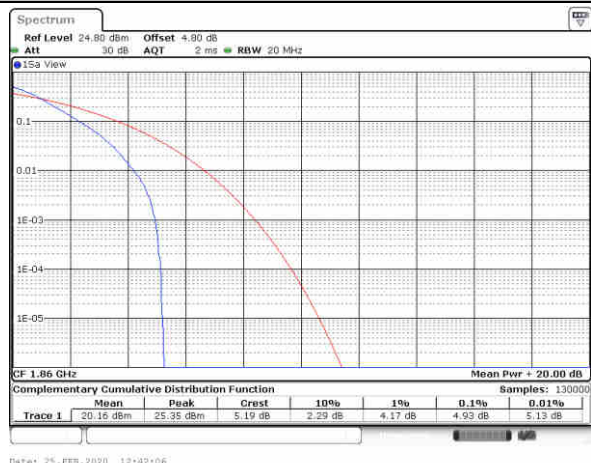


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / QPSK

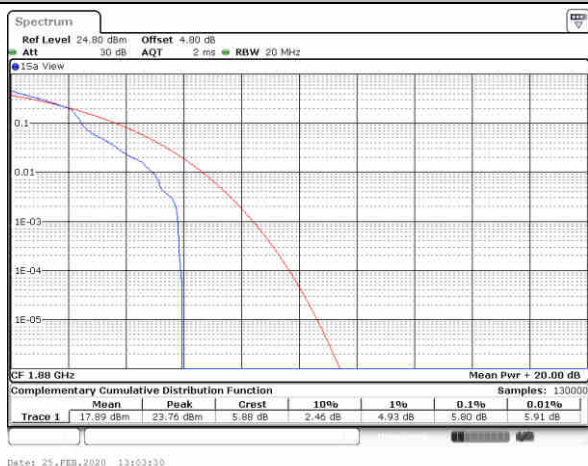
Lowest Channel / 1RB0



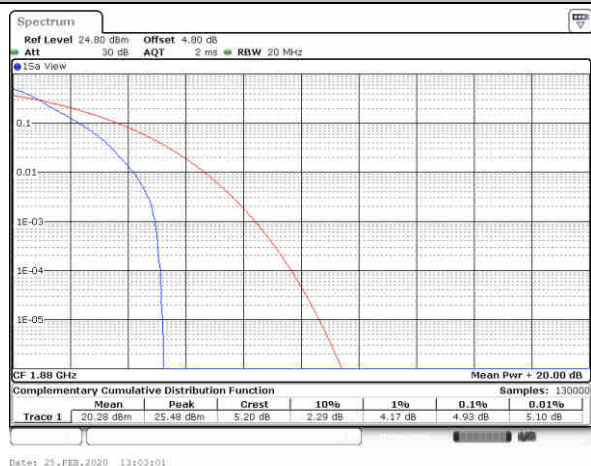
Lowest Channel / 100RB0



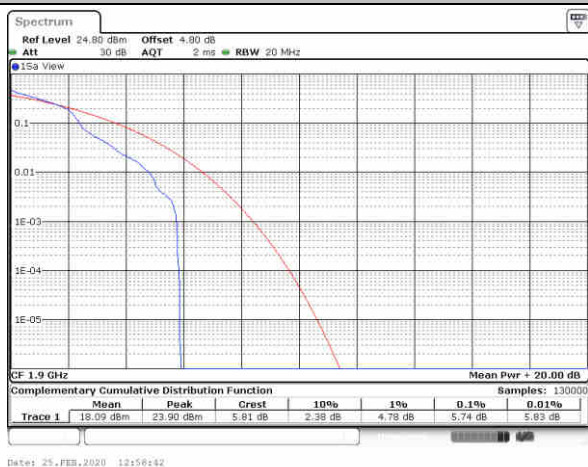
Middle Channel / 1RB0



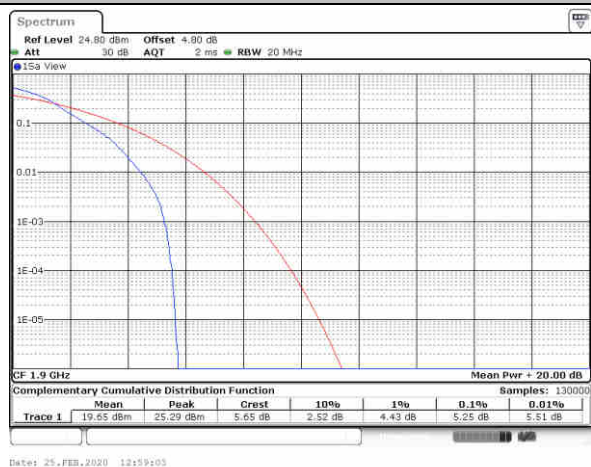
Middle Channel / 100RB0



Highest Channel / 1RB0



Highest Channel / 100RB0

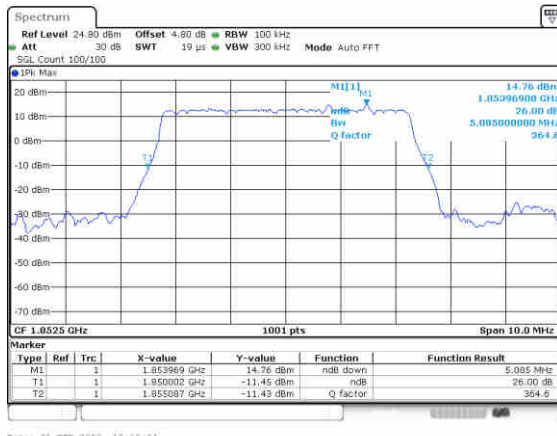


26dB Bandwidth

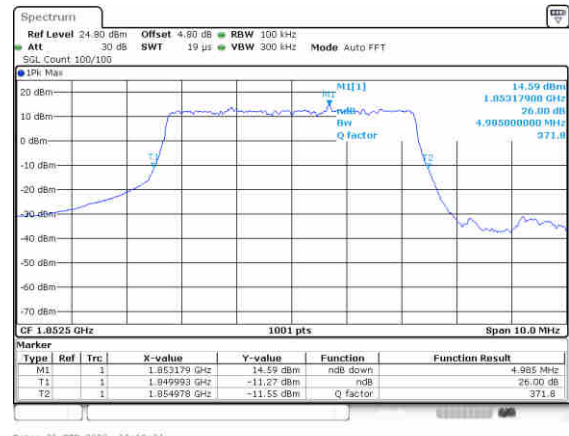
EN-DC_5A_n2A

Combination LTE 10MHz + NR 5MHz

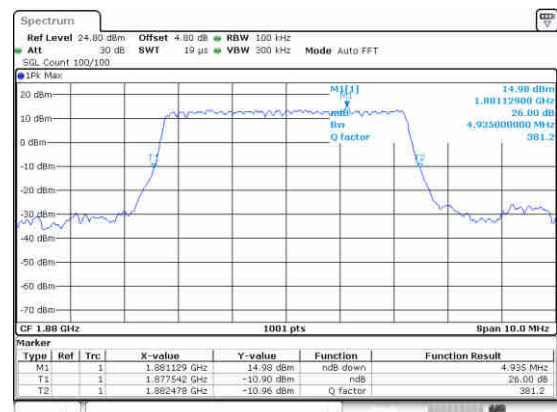
Lowest Channel / BPSK



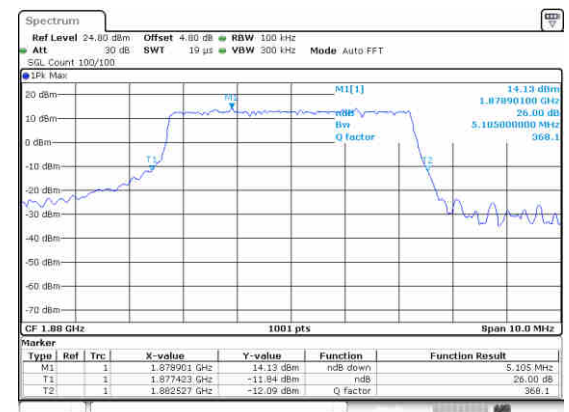
Lowest Channel / QPSK



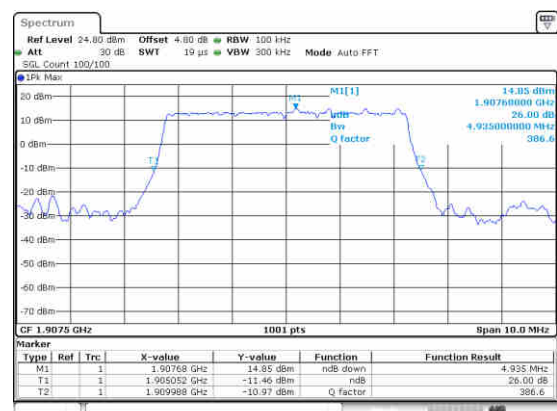
Middle Channel / BPSK



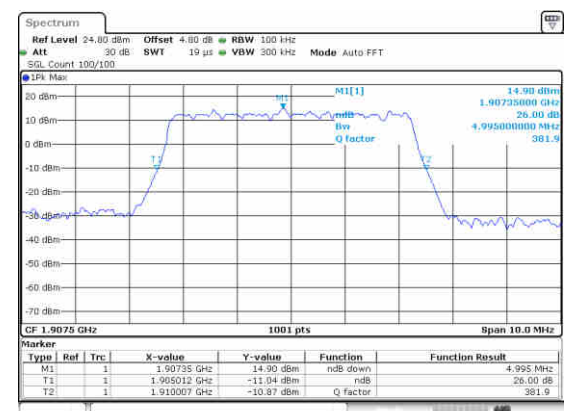
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

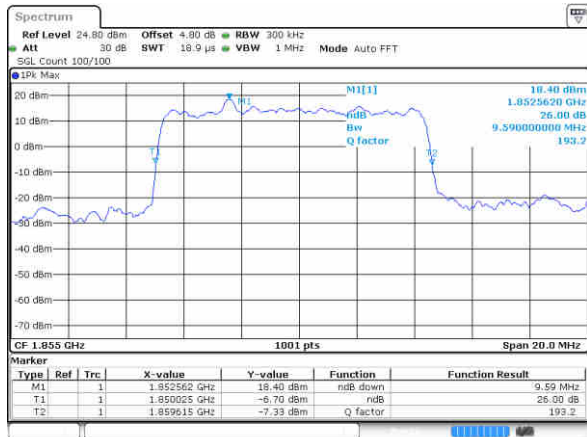




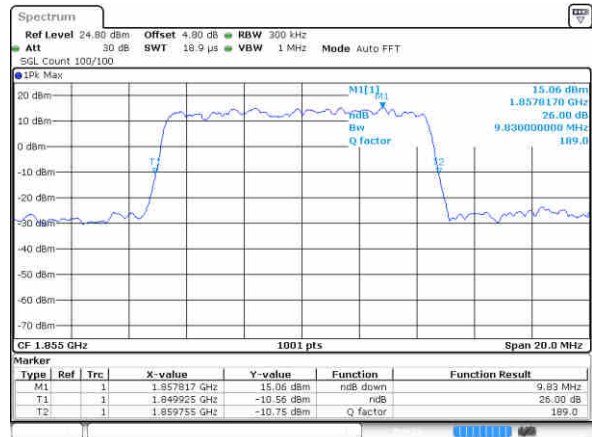
EN-DC_5A_n2A

Combination LTE 10MHz + NR 10MHz

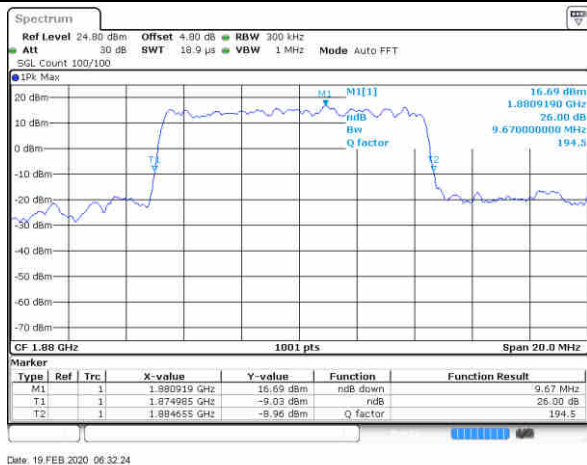
Lowest Channel / BPSK



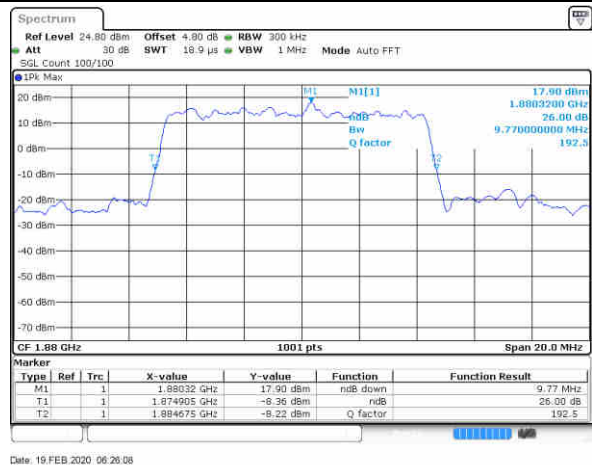
Lowest Channel / QPSK



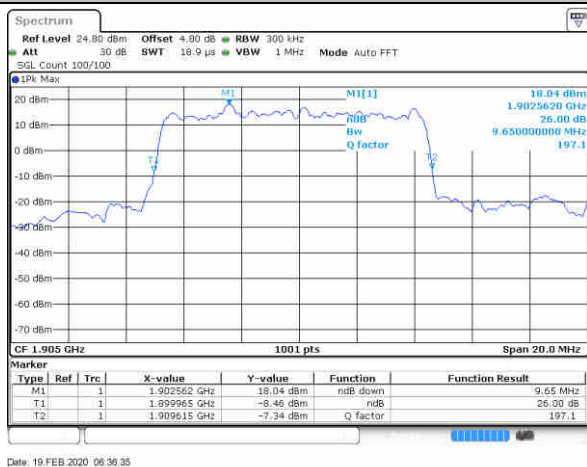
Middle Channel / BPSK



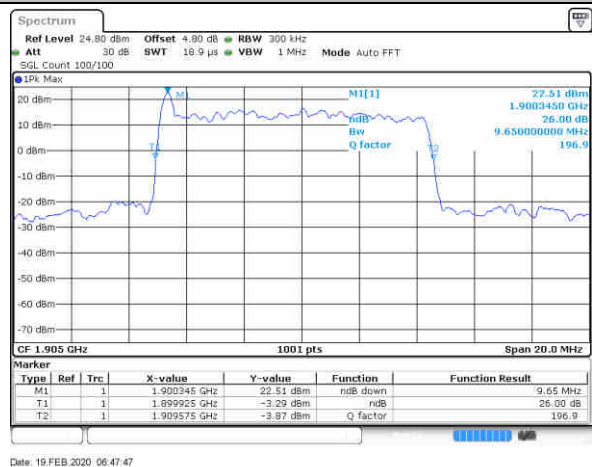
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

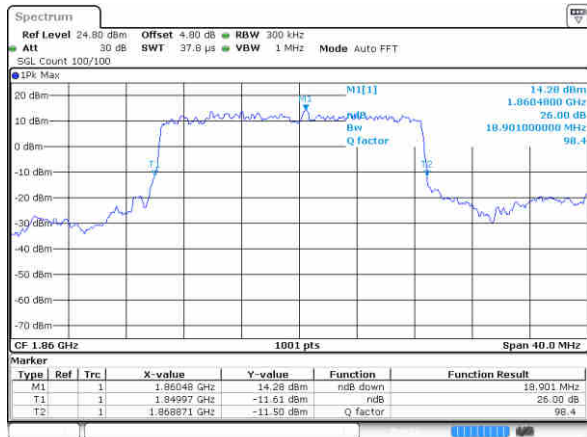




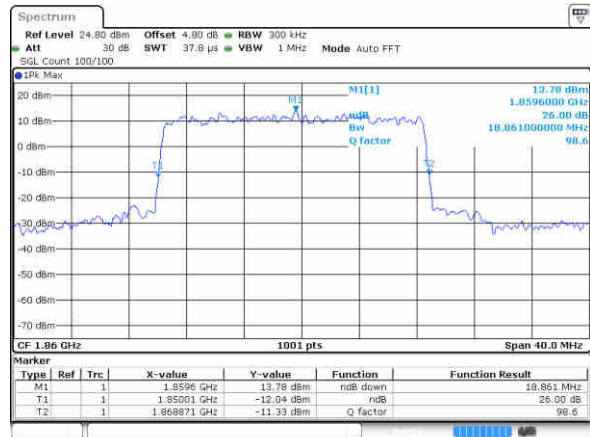
EN-DC_5A_n2A

Combination LTE 10MHz + NR 20MHz

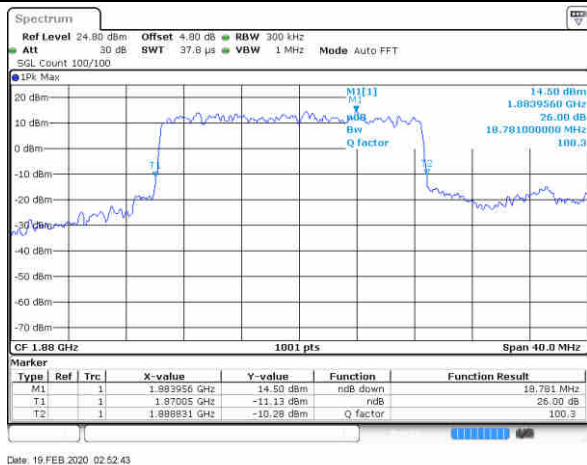
Lowest Channel / BPSK



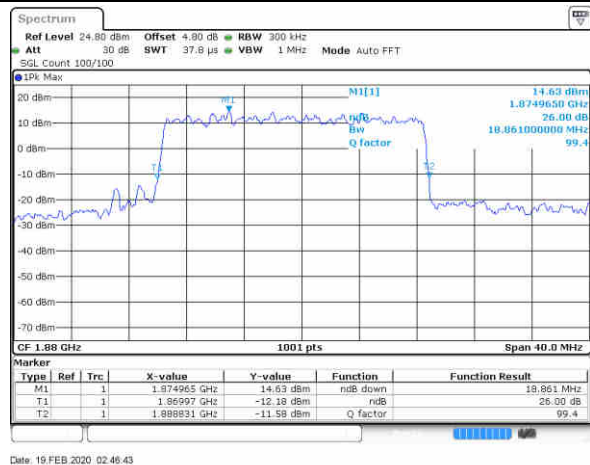
Lowest Channel / QPSK



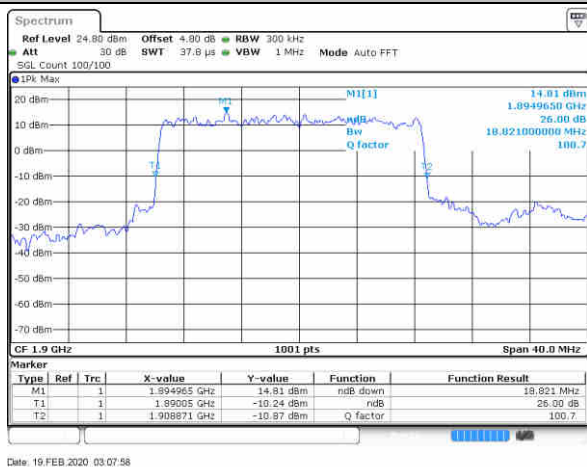
Middle Channel / BPSK



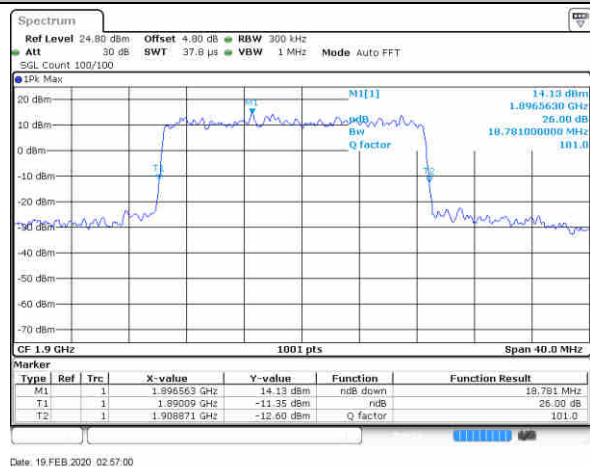
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

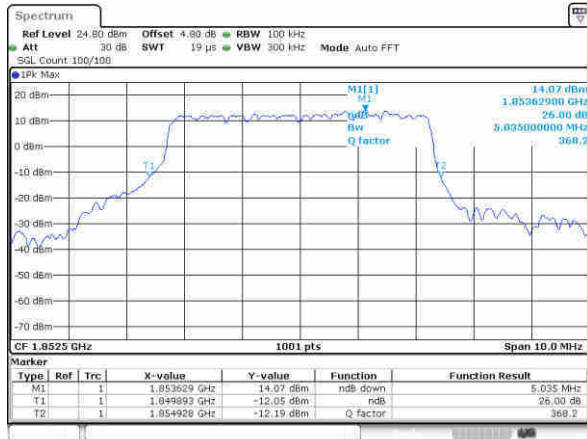




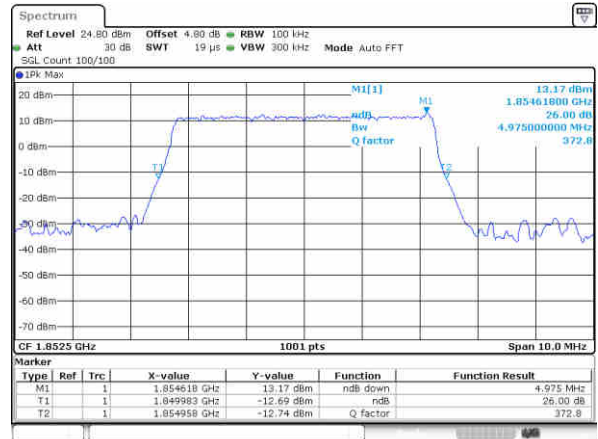
EN-DC_12A_n2A

Combination LTE 10MHz + NR 5MHz

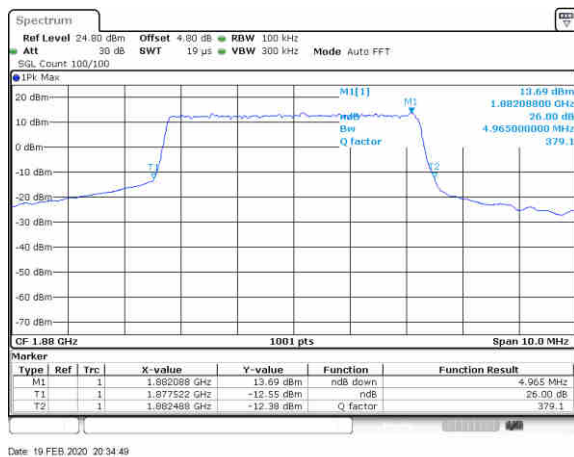
Lowest Channel / BPSK



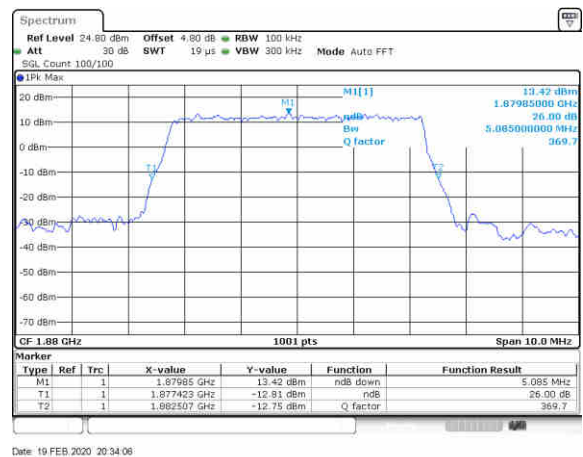
Lowest Channel / QPSK



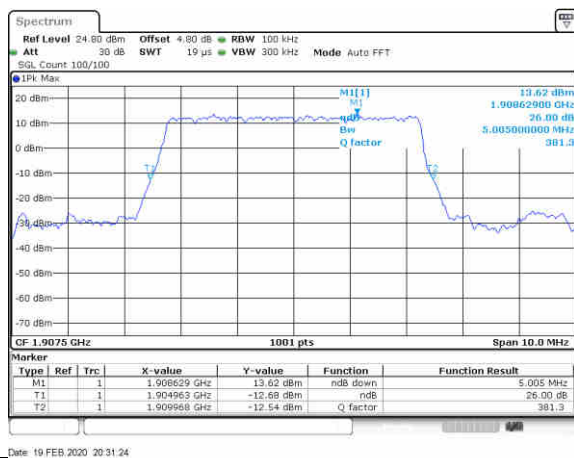
Middle Channel / BPSK



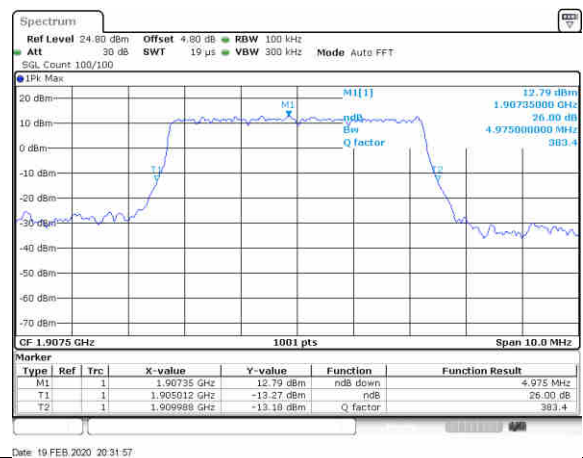
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

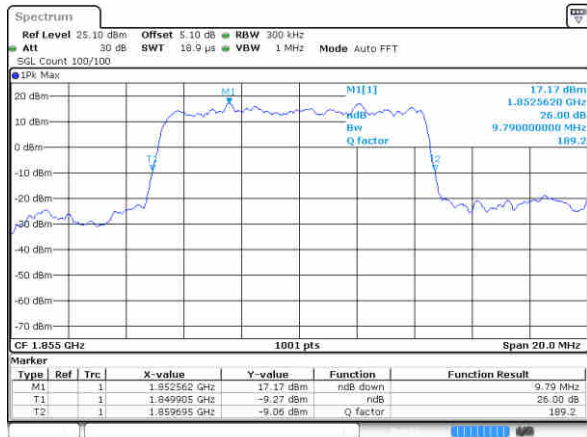




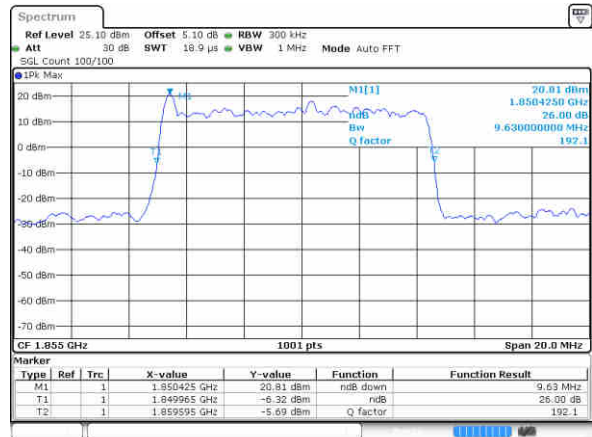
EN-DC_12A_n2A

Combination LTE 10MHz + NR 10MHz

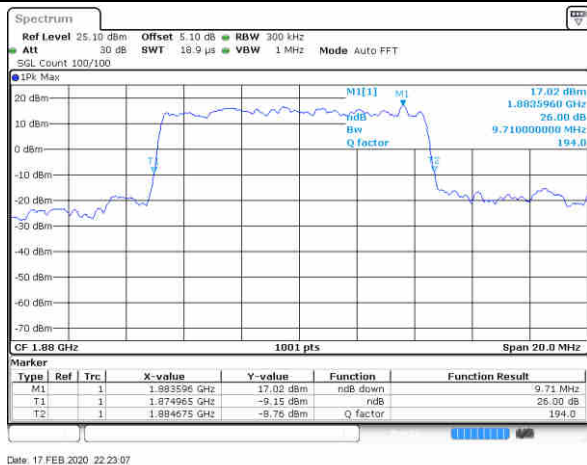
Lowest Channel / BPSK



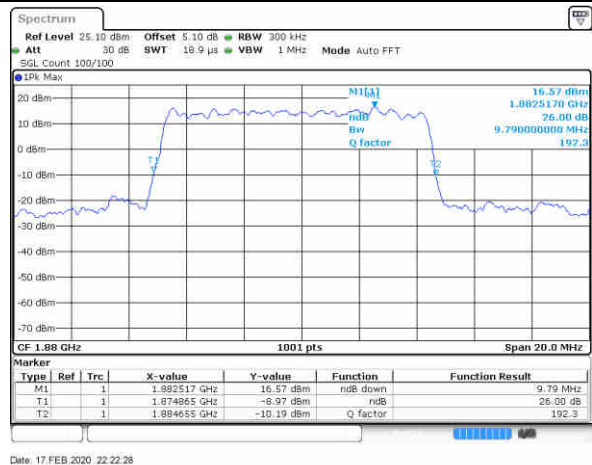
Lowest Channel / QPSK



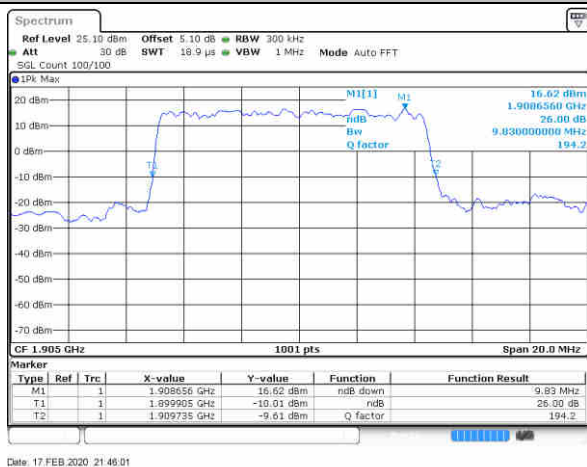
Middle Channel / BPSK



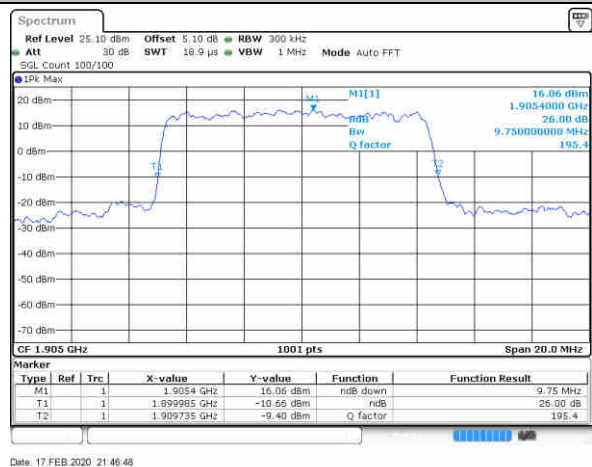
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK





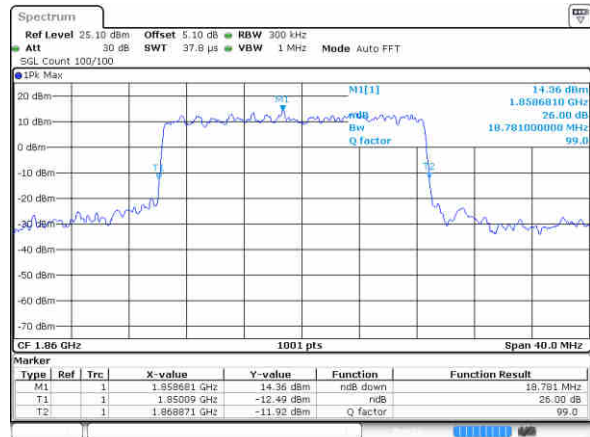
EN-DC_12A_n2A

Combination LTE 10MHz + NR 20MHz

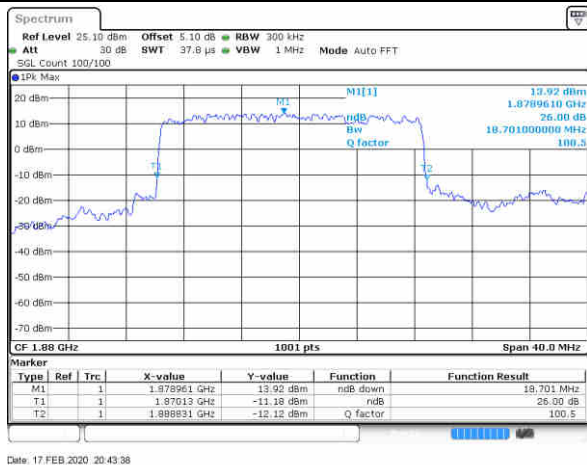
Lowest Channel / BPSK



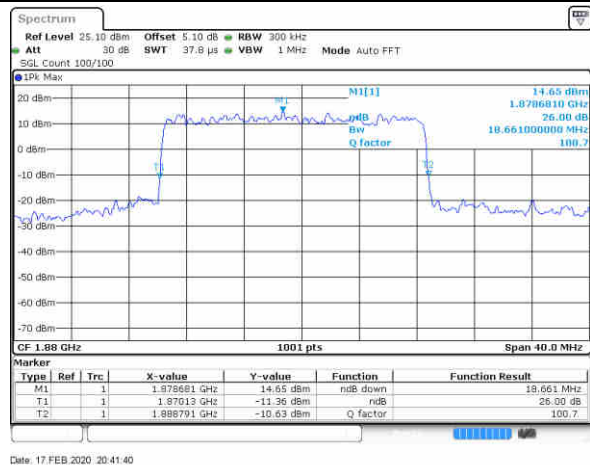
Lowest Channel / QPSK



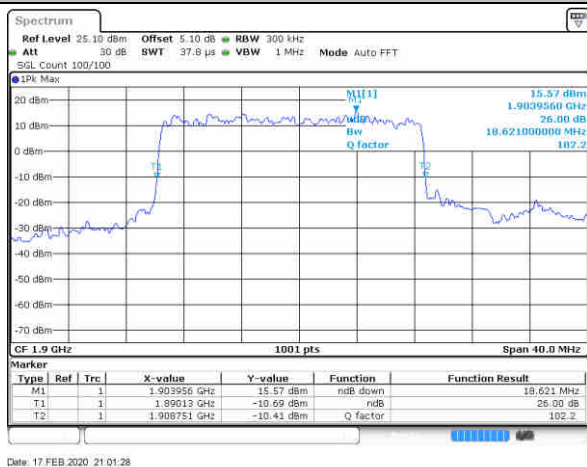
Middle Channel / BPSK



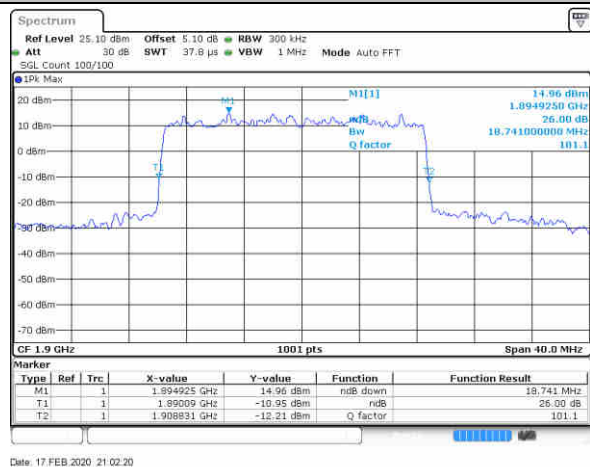
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

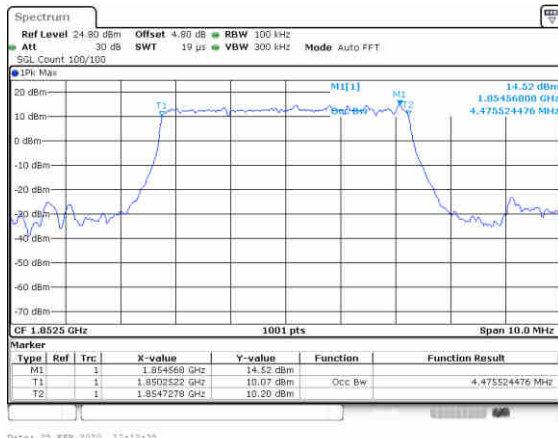


Occupied Bandwidth

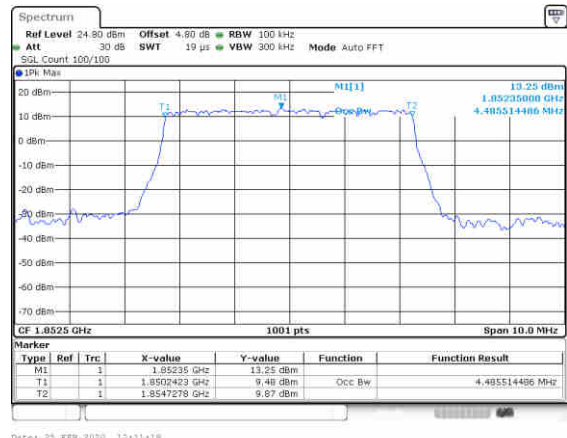
EN-DC_5A_n2A

Combination LTE 10MHz + NR 5MHz

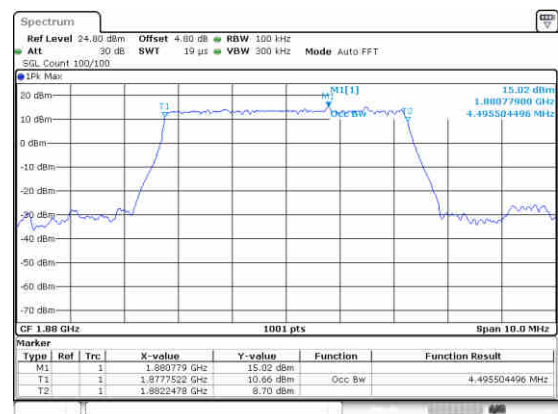
Lowest Channel / BPSK



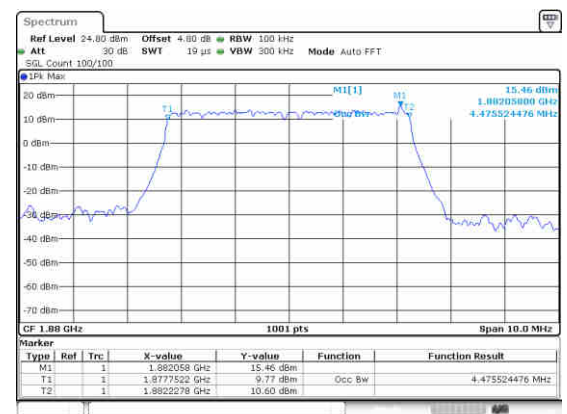
Lowest Channel / QPSK



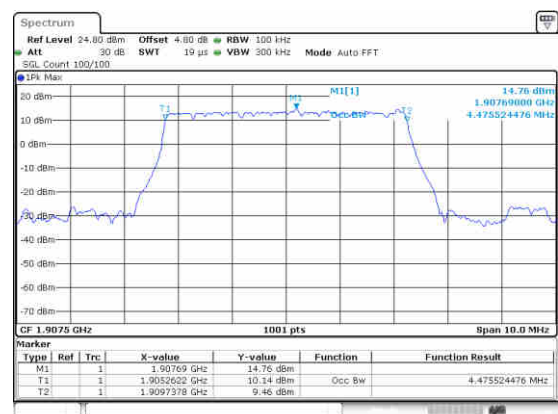
Middle Channel / BPSK



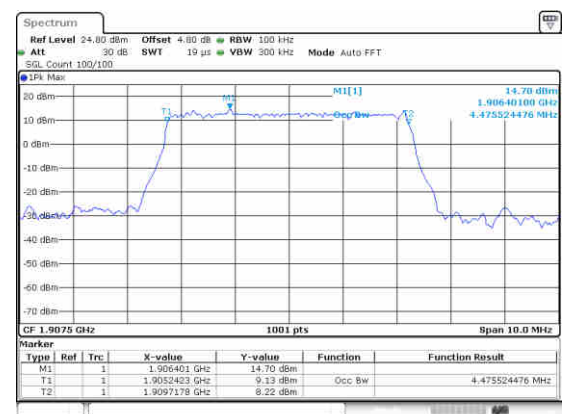
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

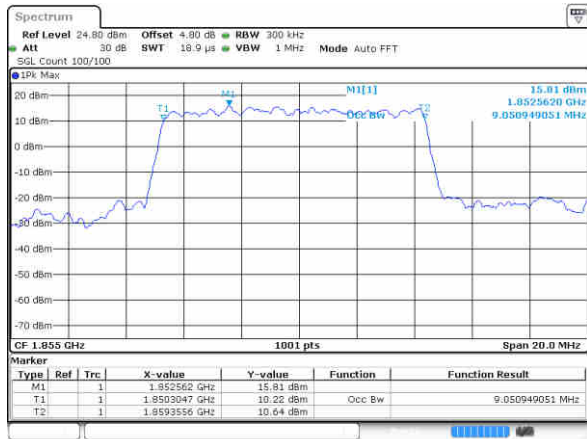




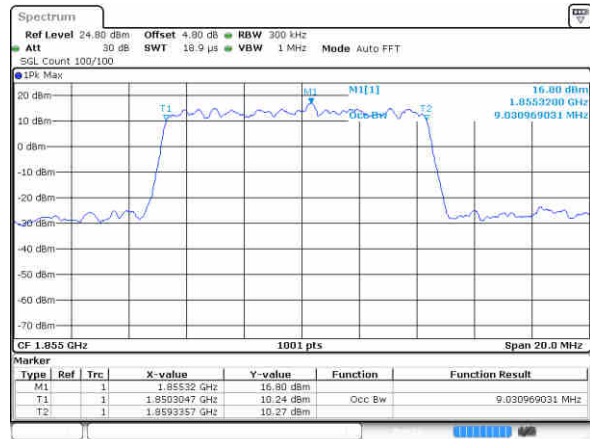
EN-DC_5A_n2A

Combination LTE 10MHz + NR 10MHz

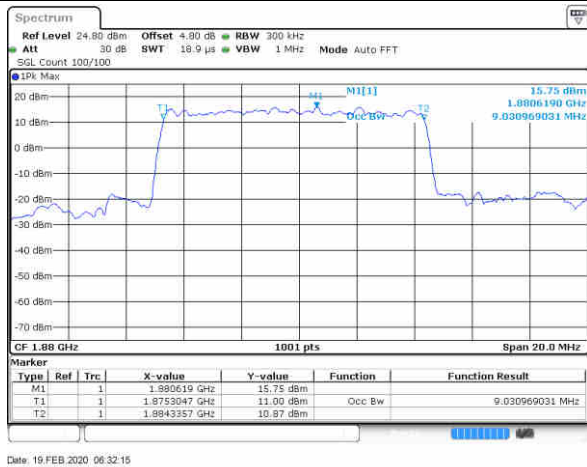
Lowest Channel / BPSK



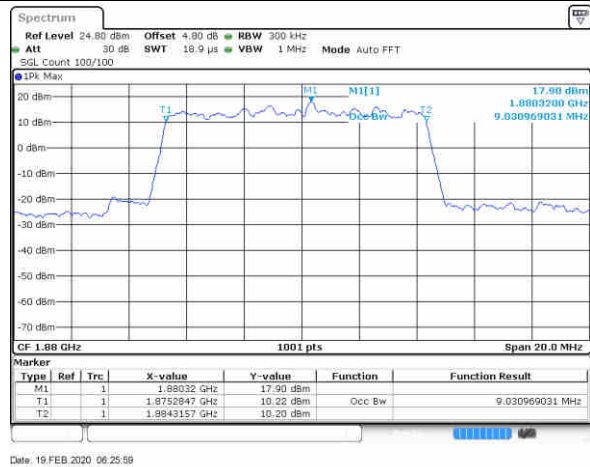
Lowest Channel / QPSK



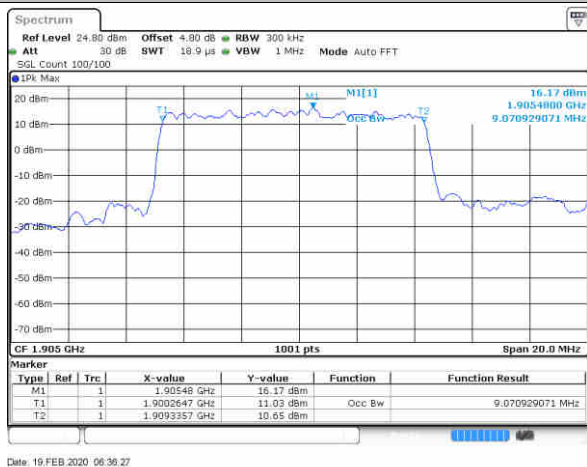
Middle Channel / BPSK



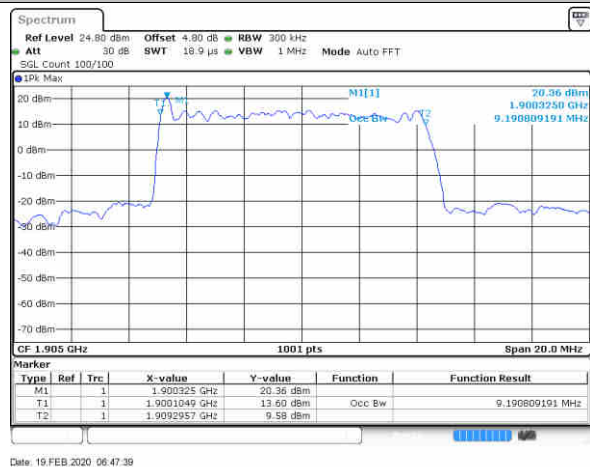
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

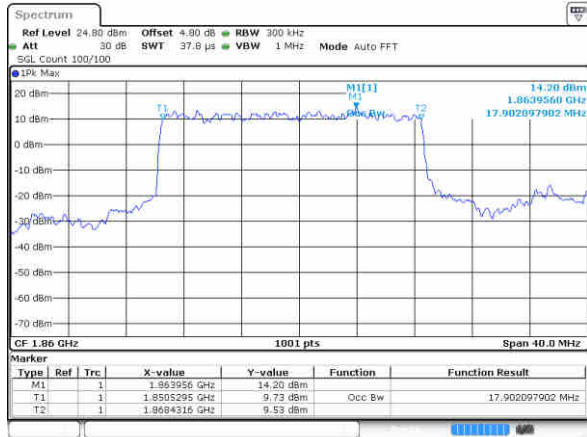




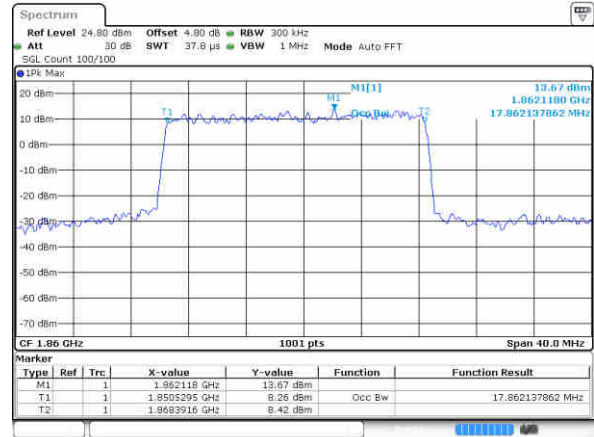
EN-DC_5A_n2A

Combination LTE 10MHz + NR 20MHz

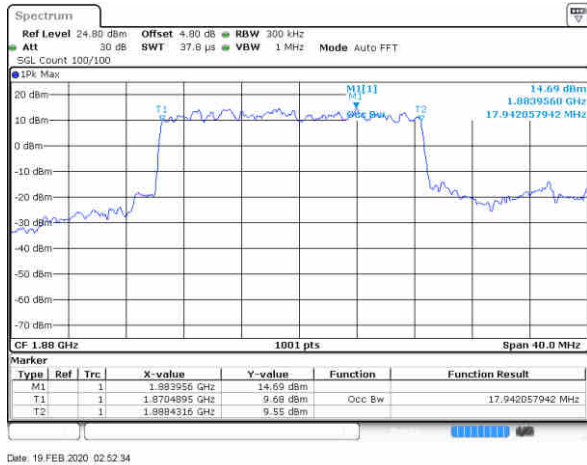
Lowest Channel / BPSK



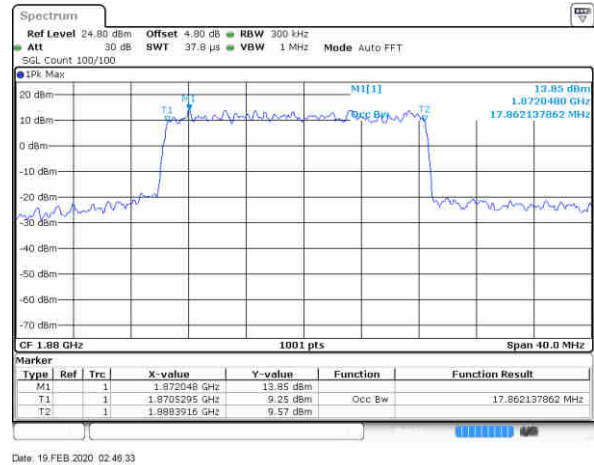
Lowest Channel / QPSK



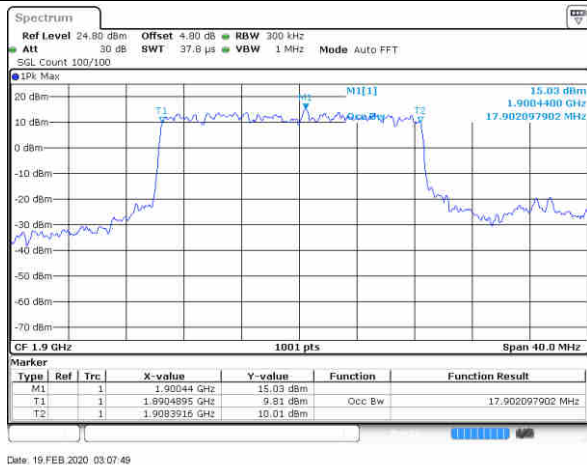
Middle Channel / BPSK



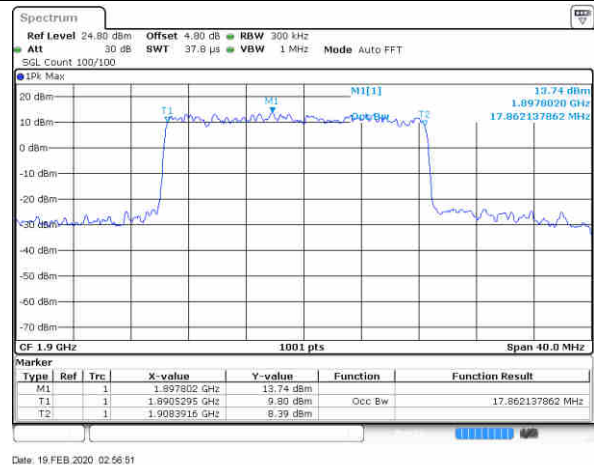
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

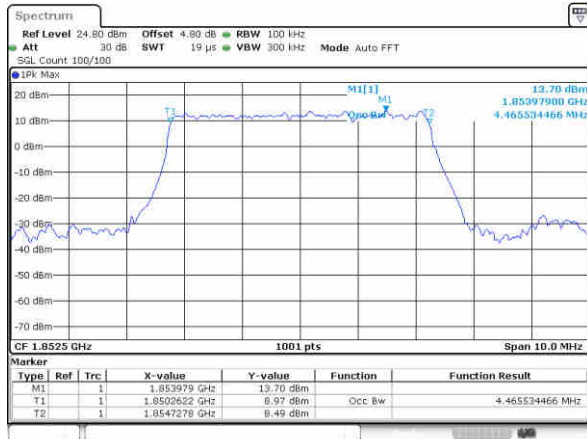




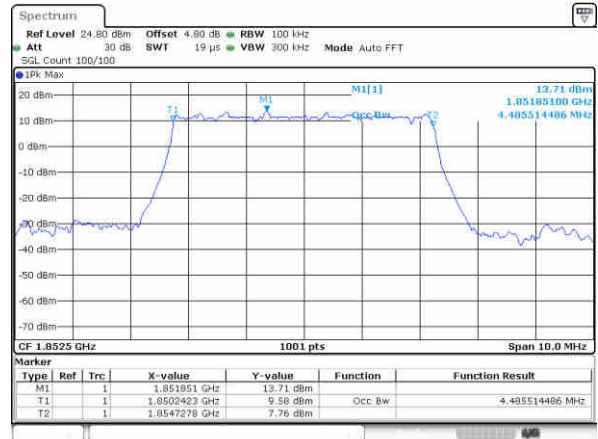
EN-DC_12A_n2A

Combination LTE 10MHz + NR 5MHz

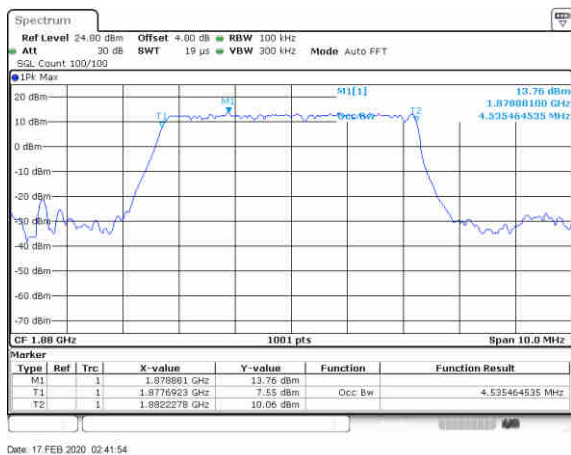
Lowest Channel / BPSK



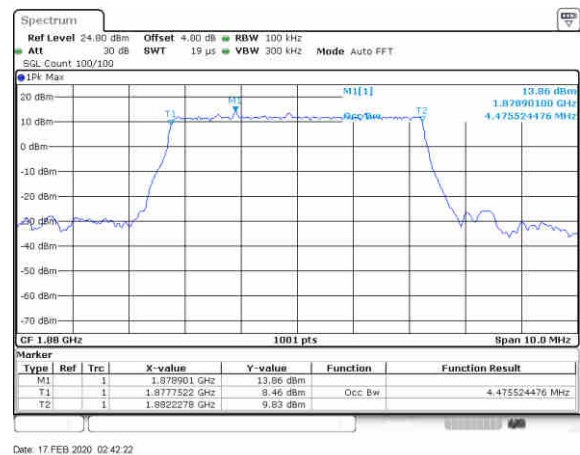
Lowest Channel / QPSK



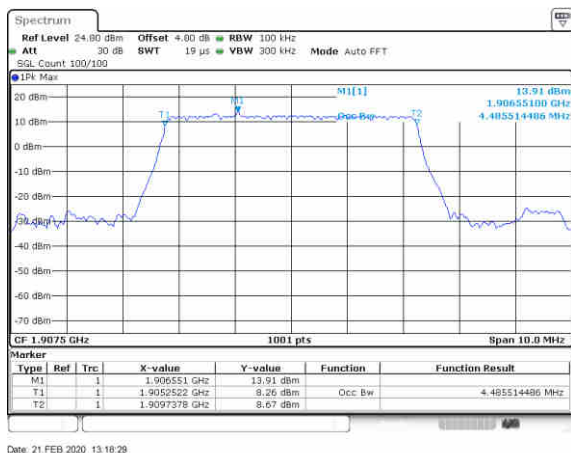
Middle Channel / BPSK



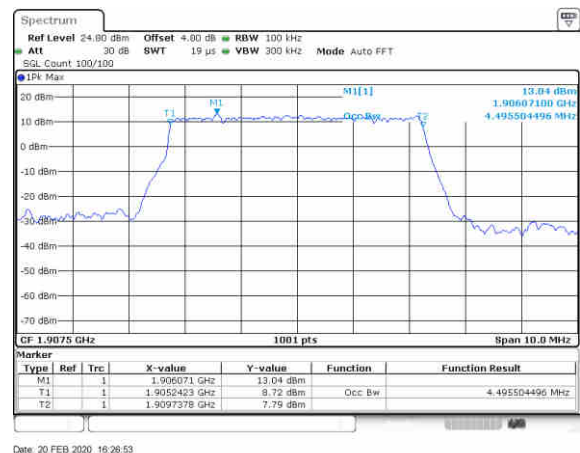
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

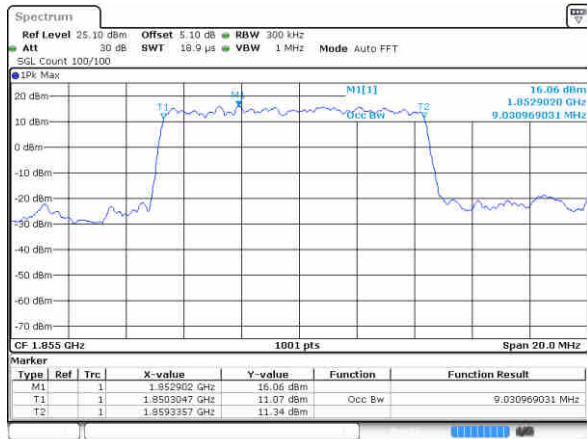




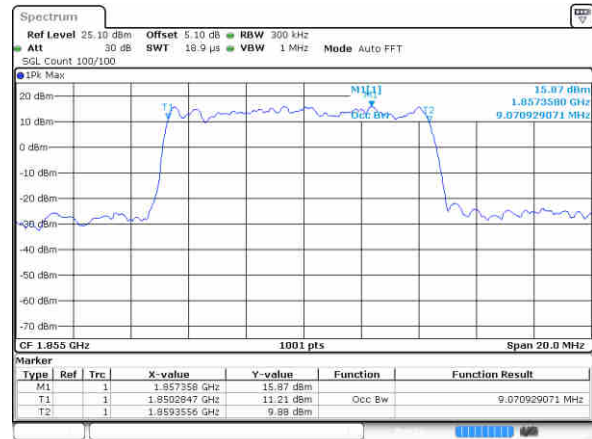
EN-DC_12A_n2A

Combination LTE 10MHz + NR 10MHz

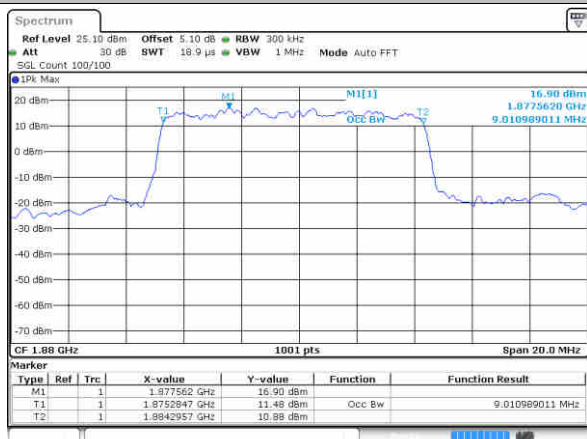
Lowest Channel / BPSK



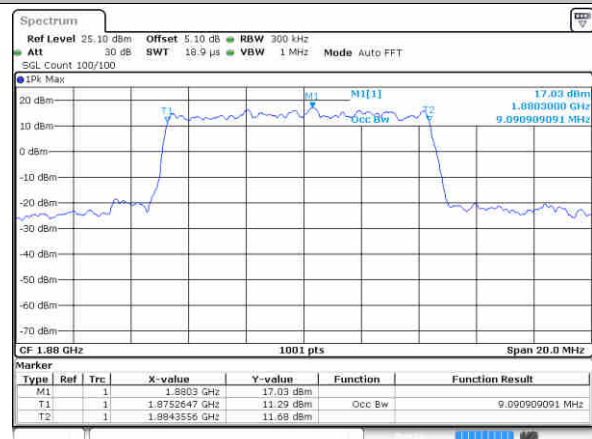
Lowest Channel / QPSK



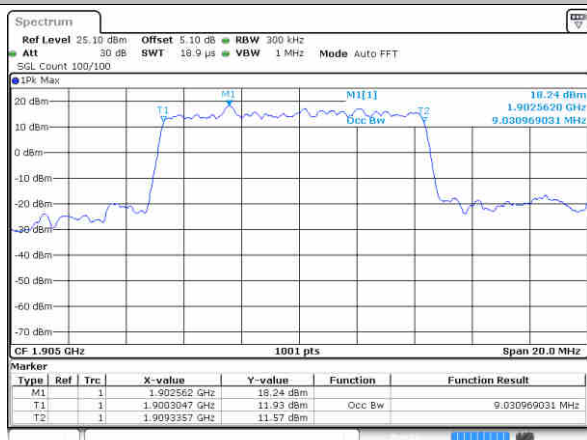
Middle Channel / BPSK



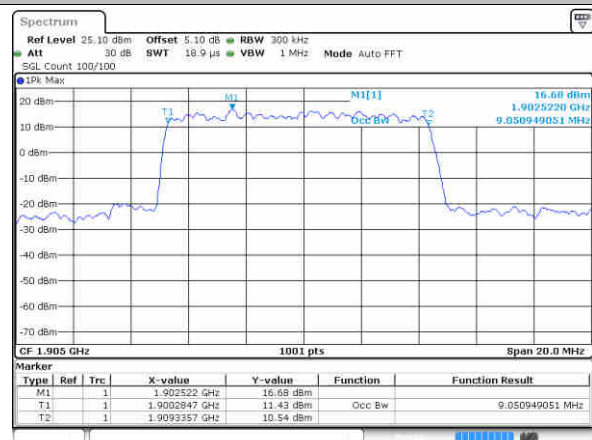
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

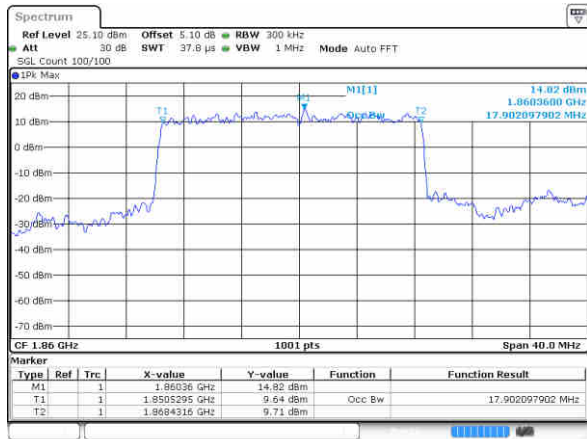




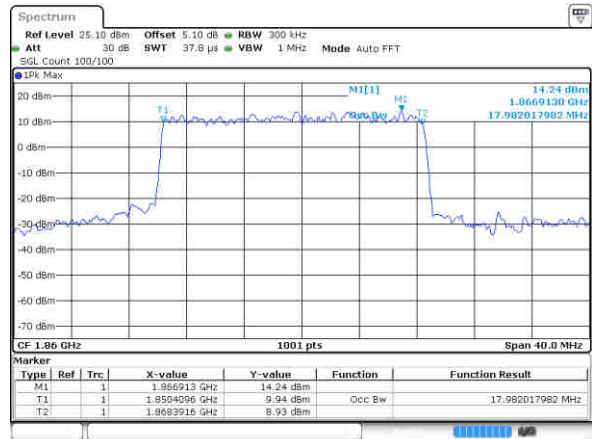
EN-DC_12A_n2A

Combination LTE 10MHz + NR 20MHz

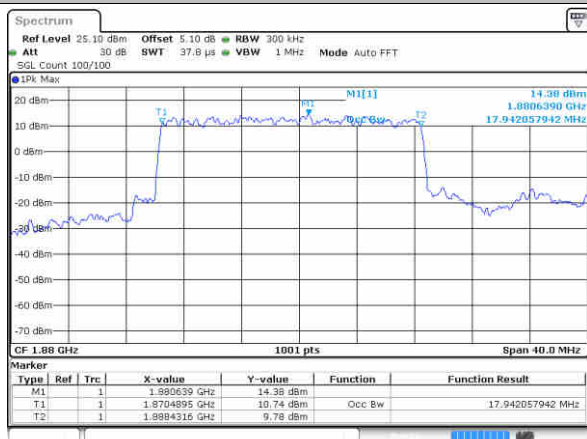
Lowest Channel / BPSK



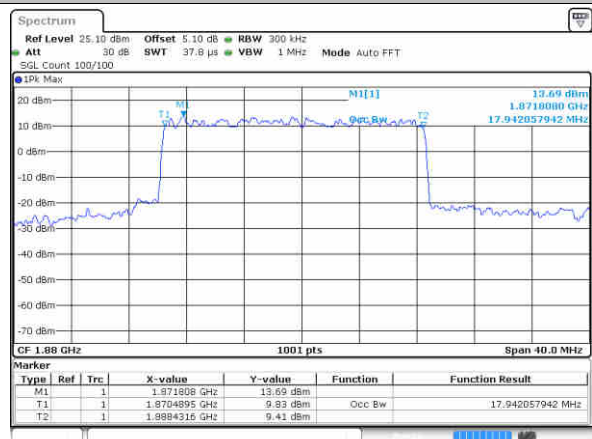
Lowest Channel / QPSK



Middle Channel / BPSK



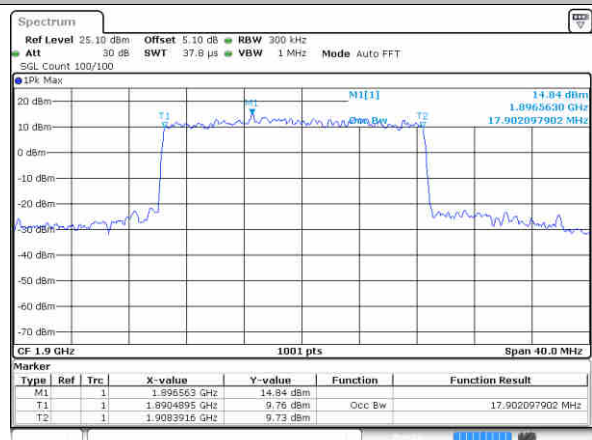
Middle Channel / QPSK

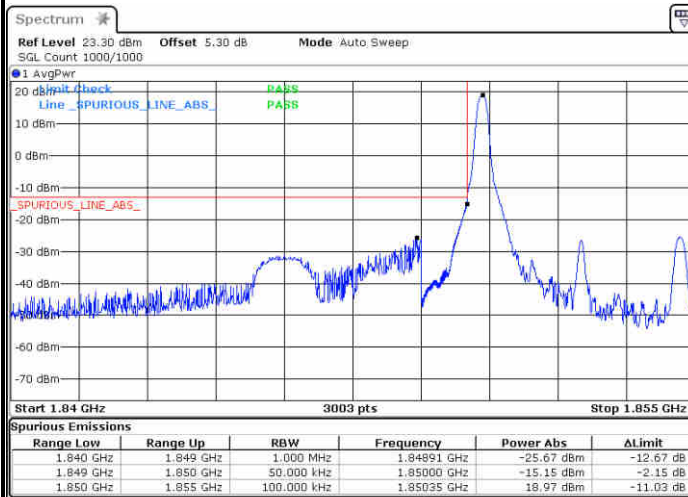
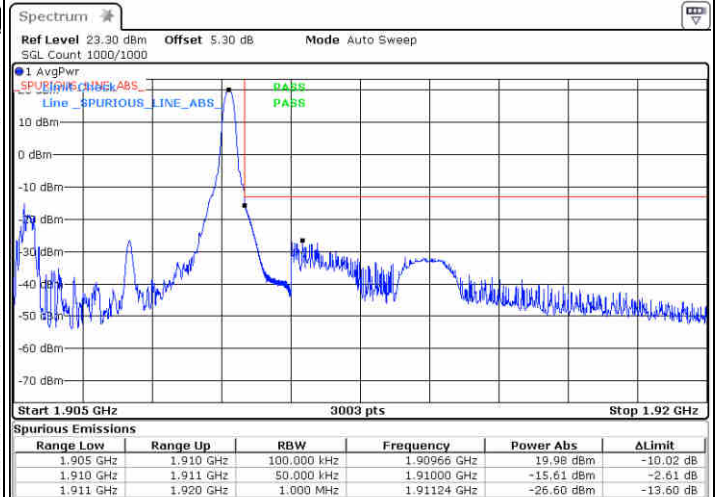
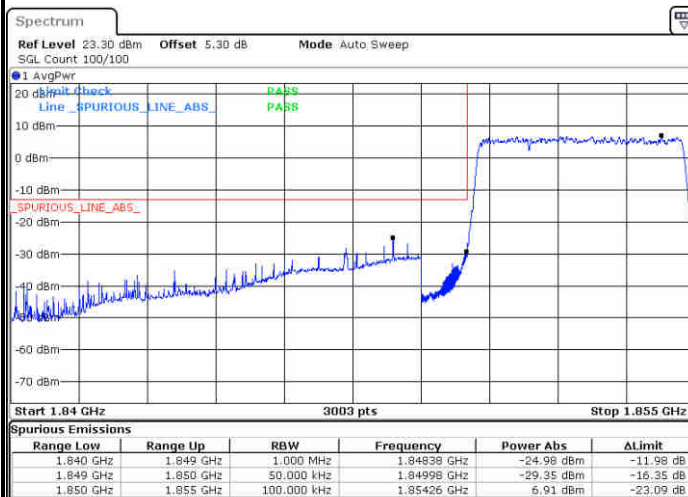
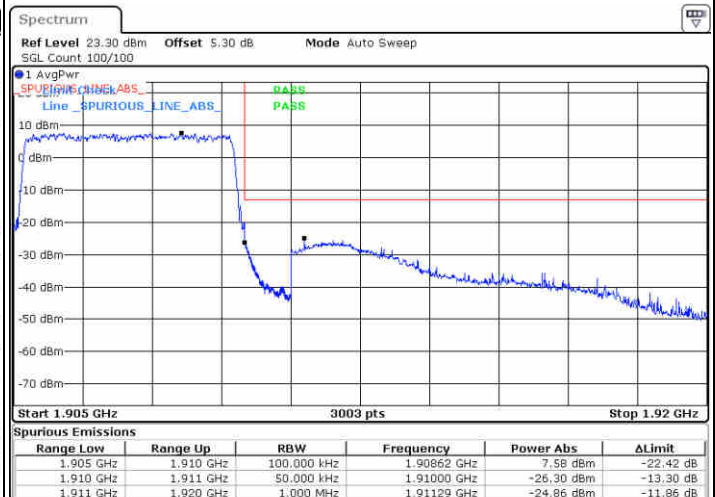


Highest Channel / BPSK



Highest Channel / QPSK

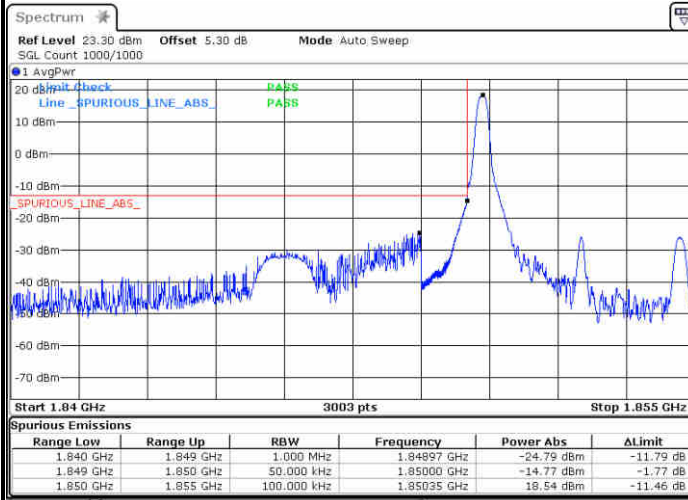


**Conducted Band Edge****EN-DC_5A_n2A / LTE 10MHz + NR 5MHz / BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RB24****Lowest Band Edge / 25RB0****Highest Band Edge / 25RB0**

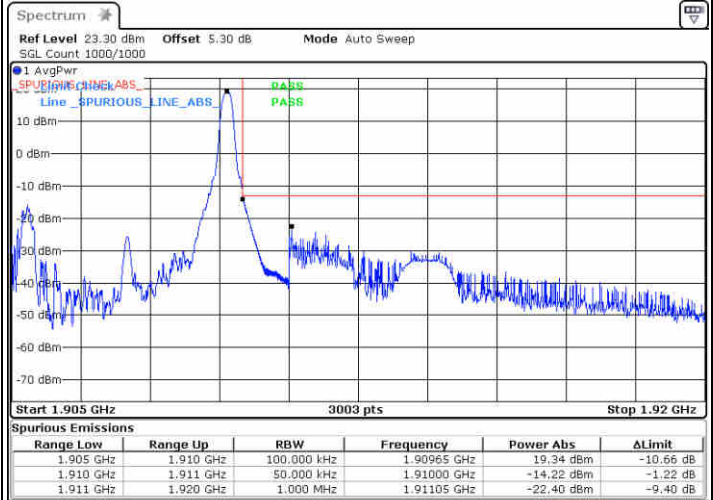


EN-DC_5A_n2A / LTE 10MHz + NR 5MHz / QPSK

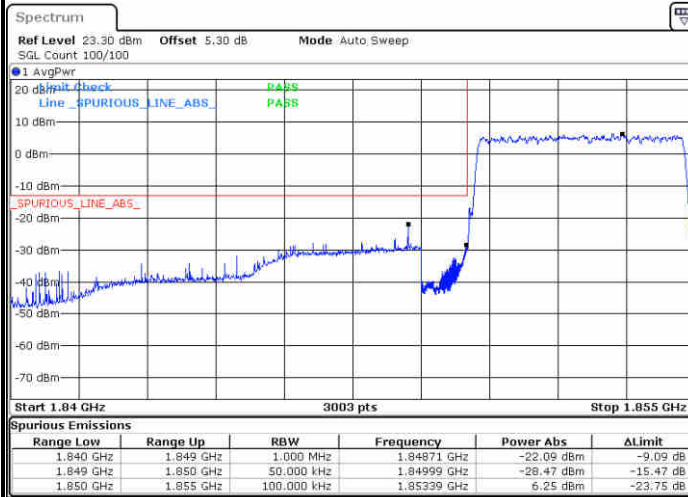
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



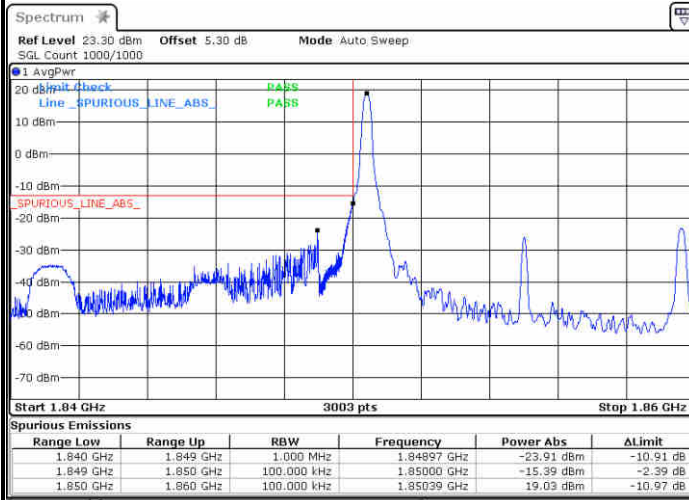
Highest Band Edge / 25RB0



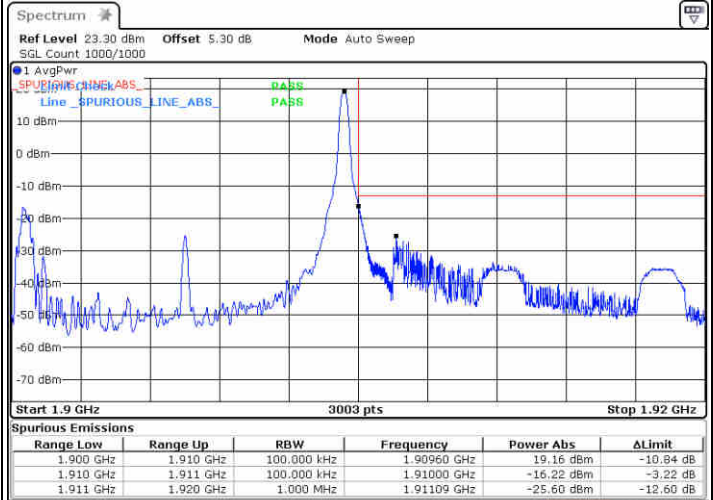


EN-DC_5A_n2A / LTE 10MHz + NR 10MHz / BPSK

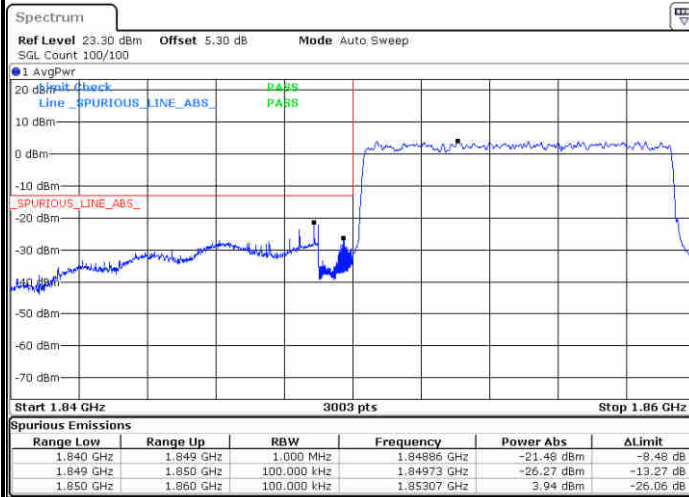
Lowest Band Edge / 1RB0



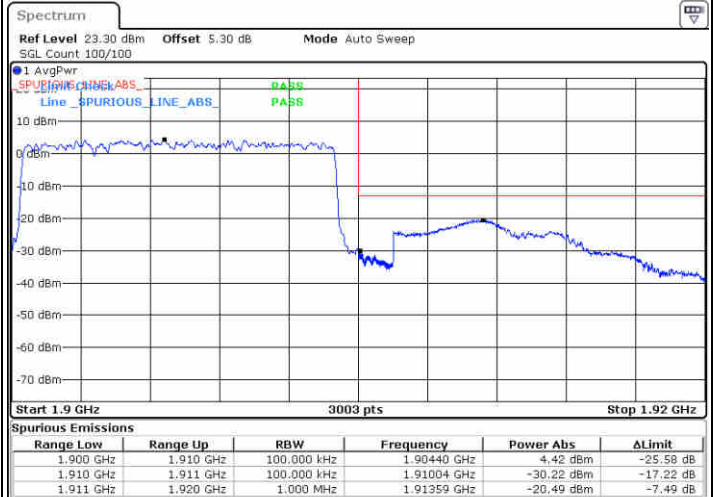
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



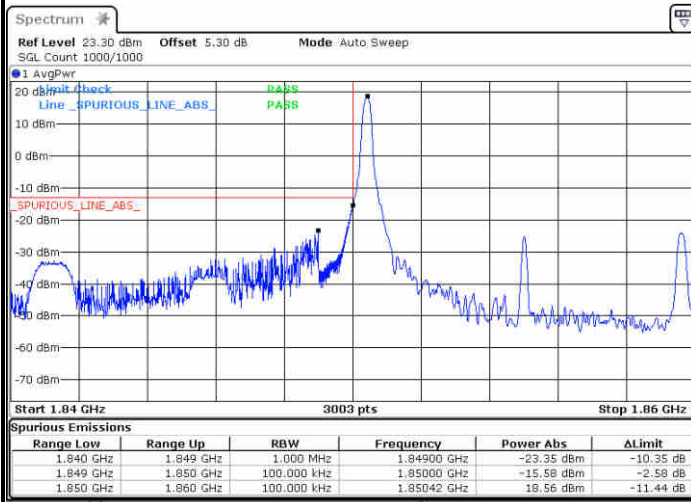
Highest Band Edge / 50RB0





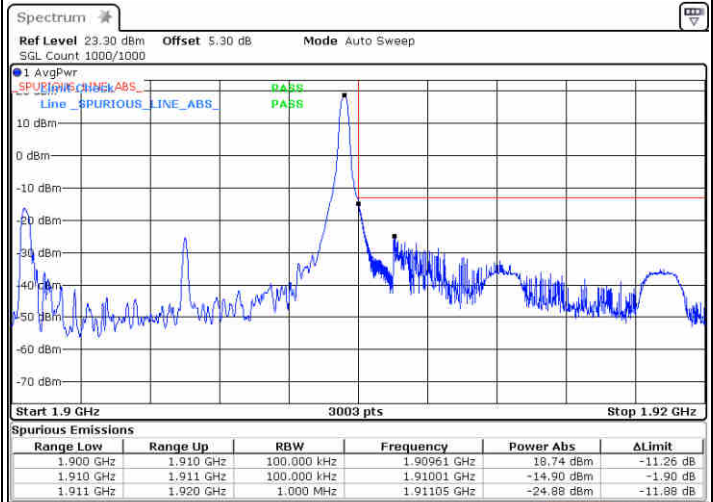
EN-DC_5A_n2A / LTE 10MHz + NR 10MHz / QPSK

Lowest Band Edge / 1RB0



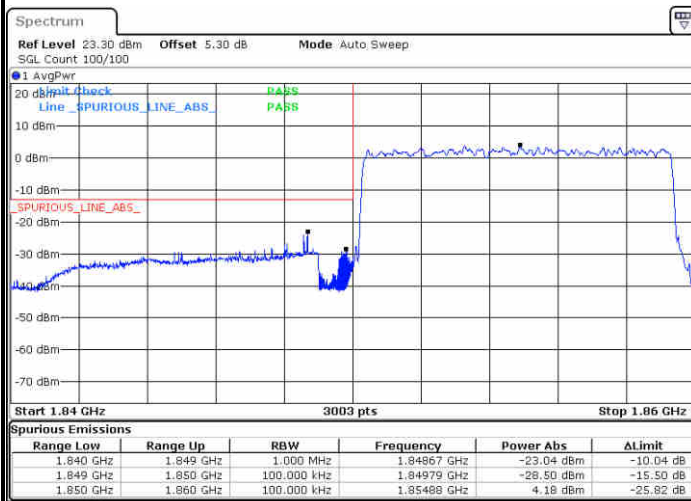
Date: 19.FEB.2020 05:58:24

Highest Band Edge / 1RB51



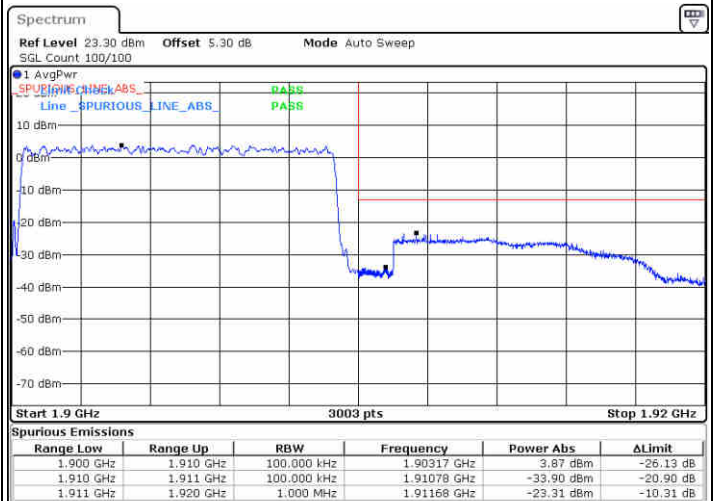
Date: 19.FEB.2020 06:44:02

Lowest Band Edge / 50RB0



Date: 19.FEB.2020 06:00:05

Highest Band Edge / 50RB0

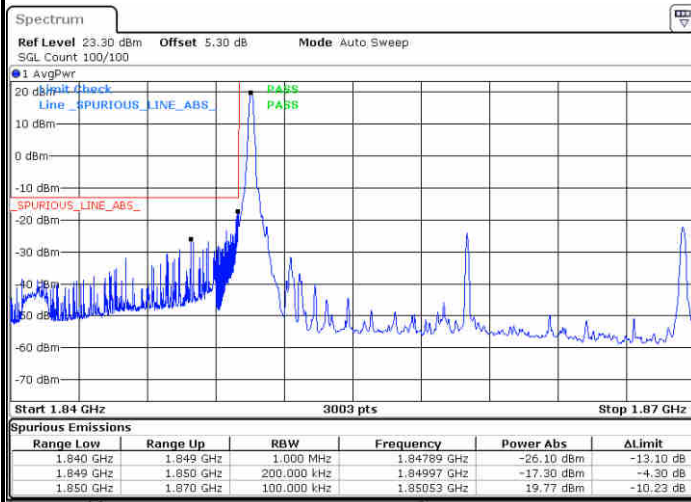


Date: 19.FEB.2020 06:48:05



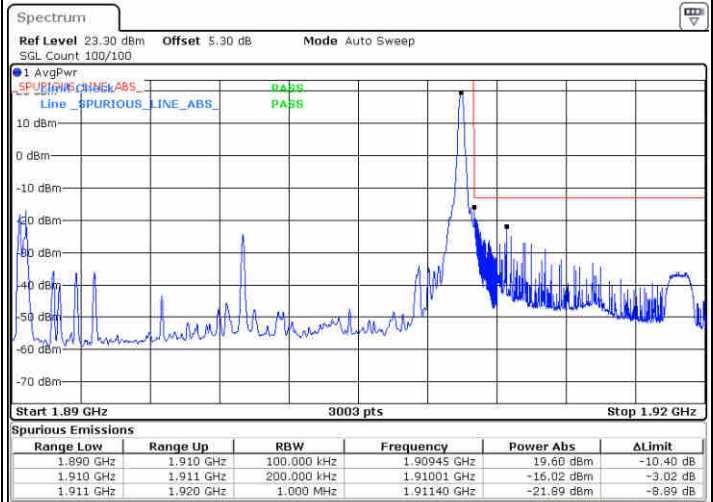
EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / BPSK

Lowest Band Edge / 1RB0



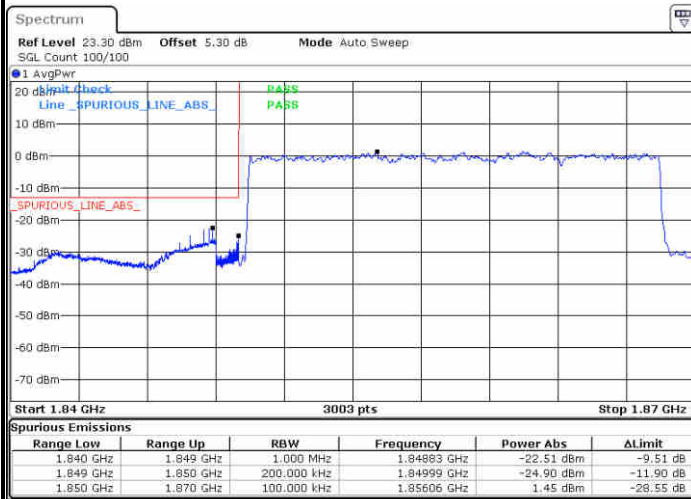
Date: 19.FEB.2020 02:16:49

Highest Band Edge / 1RB105



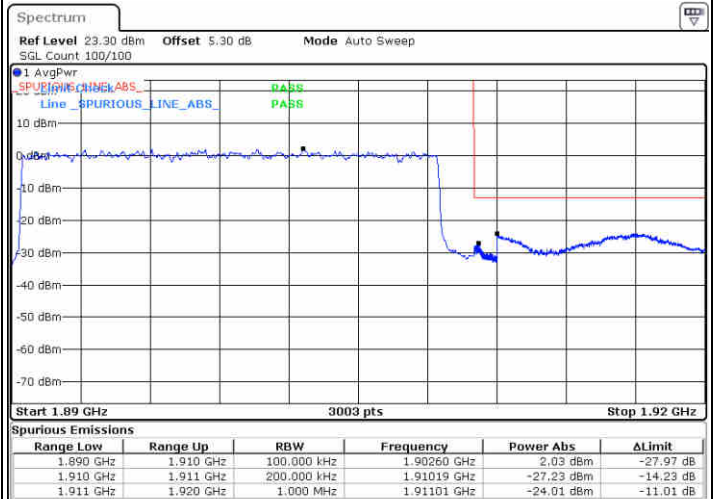
Date: 19.FEB.2020 03:01:46

Lowest Band Edge / 100RB0



Date: 19.FEB.2020 02:16:22

Highest Band Edge / 100RB0

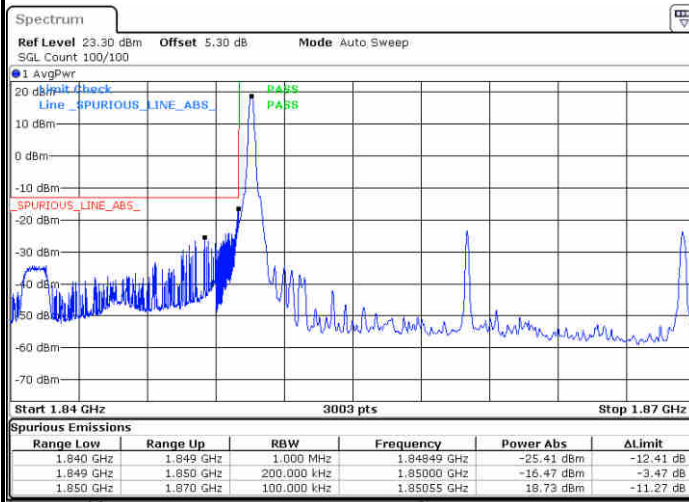


Date: 19.FEB.2020 03:07:33



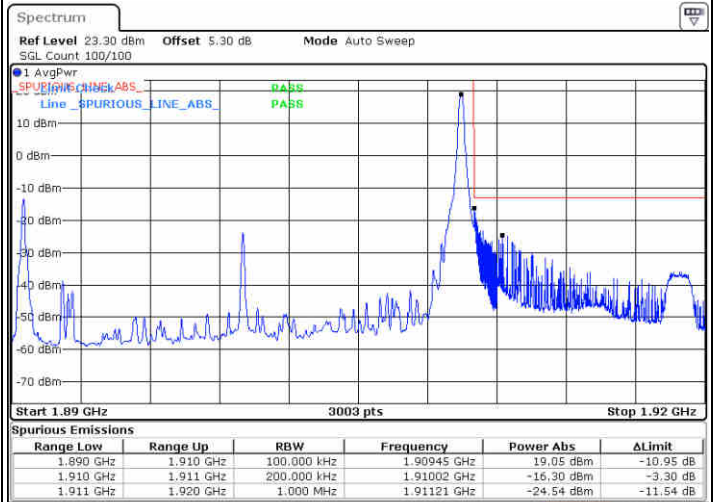
EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / QPSK

Lowest Band Edge / 1RB0



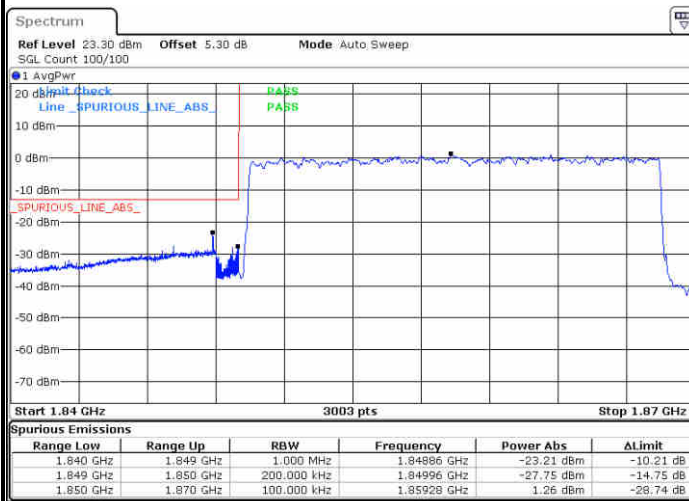
Date: 19 FEB 2020 02:09:05

Highest Band Edge / 1RB105



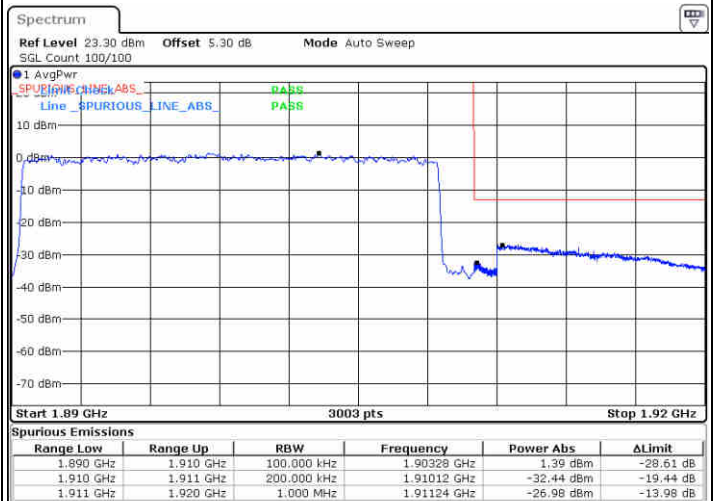
Date: 19 FEB 2020 03:01:05

Lowest Band Edge / 100RB0



Date: 19 FEB 2020 02:08:36

Highest Band Edge / 100RB0

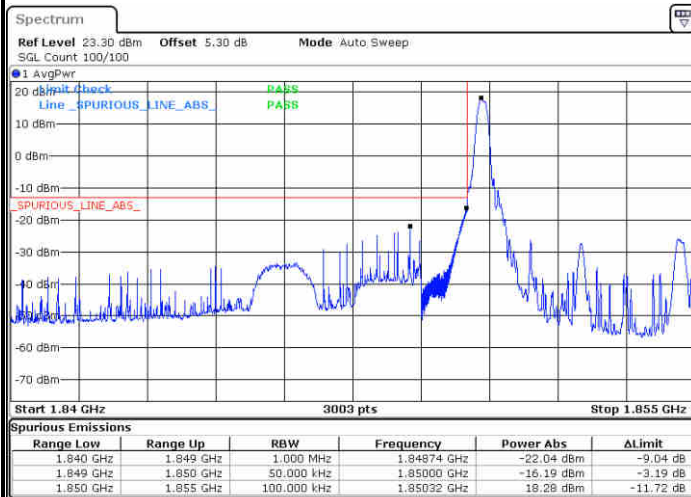


Date: 19 FEB 2020 02:57:17

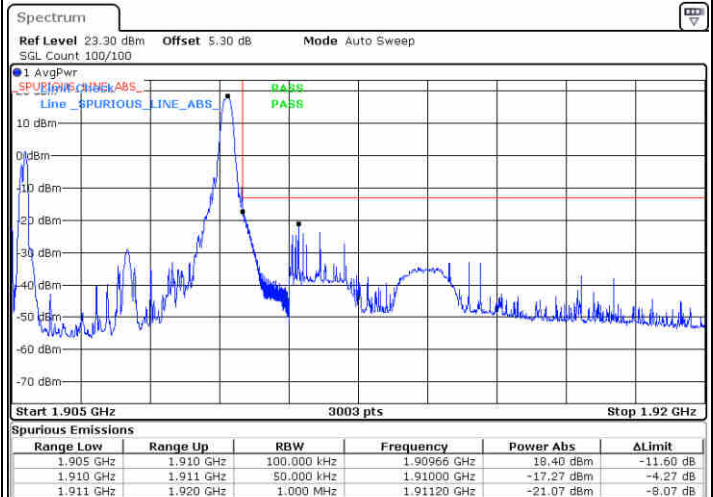


EN-DC_12A_n2A / LTE 10MHz + NR 5MHz / BPSK

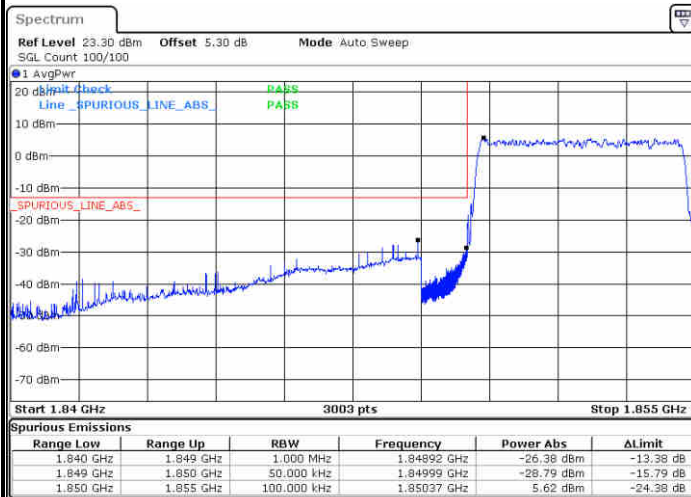
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



Highest Band Edge / 25RB0

