



FCC RF Test Report

APPLICANT : Sierra Wireless, Inc.
EQUIPMENT : Wireless Module
BRAND NAME : AirPrime
MODEL NAME : EM9190
FCC ID : N7NEM91
STANDARD : 47 CFR Part 2, 22, 24, 27
CLASSIFICATION : PCS Licensed Transmitter (PCB)

The product was received on Feb. 15, 2020 and completely tested on Jun. 12, 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.

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG021501G	Rev. 01	Initial issue of report	May. 25, 2020
FG021501G	Rev. 02	Update FCC ID information	Jun. 05, 2020
FG021501G	Rev. 03	Add the test results of 5G NR EN-DC 13A_n66A	Jun. 16, 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 23.16 dB at 9228.000 MHz
	§2.1053 §27.53(m)(4)	Radiated Spurious Emission (5G NR n41)	< 55+10log ₁₀ (P[Watts])		



1 General Description

1.1 Applicant

Sierra Wireless, Inc.

13811 Wireless Way, Richmond, BC, Canada V6A 3A4

1.2 Manufacturer

Sierra Wireless, Inc.

13811 Wireless Way, Richmond, BC, Canada V6A 3A4

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Wireless Module
Brand Name	AirPrime
Model Name	EM9190
FCC ID	N7NEM91
EUT supports Radios application	WCDMA/LTE/5GNR/GNSS
SN Code	Conducted : N/A Radiation : 4H0022002301AE/4H0145004104AF
HW Version	1.0
SW Version	00.15.01.00
EUT Stage	Identical Prototype

Remark:

1. Only 5G NR bands are tested in this report, all the other RF bands are tested in the other reports separately.
2. For modulation of CP-OFDM and DFT-s-OFDM output power measurement, according to the maximum power of CP-OFDM is lower than DFT-s-OFDM modulation, therefore, CP-OFDM measurement is unnecessary. We always chose higher power (DFT-s-OFDM modulation) to perform all tests.
3. 5G NR supports NSA mode.

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
SCS	n2, n5, n66, n71: 15KHz n41 : 30KHz
Maximum Output Power to Antenna	EN-DC_5A_n2A : 23.39 dBm EN-DC_12A_n2A : 23.32 dBm EN-DC_2A_n5A : 23.27 dBm EN-DC_7A_n5A : 23.32 dBm EN-DC_30A_n5A : 23.39 dBm EN-DC_66A_n5A : 23.42 dBm EN-DC_2A_n41A : 22.79 dBm EN-DC_25A_n41A : 22.82 dBm EN-DC_66A_n41A : 23.25 dBm EN-DC_5A_n66A : 23.86 dBm EN-DC_12A_n66A : 23.85 dBm EN-DC_13A_n66A : 23.56 dBm EN-DC_2A_n71A : 22.58 dBm EN-DC_7A_n71A : 22.66 dBm EN-DC_66A_n71A : 22.73 dBm
Antenna Gain	n2 / n41 / n66 : 4.00 dBi n5 / 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 Conducted 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 Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	1852.5 ~ 1907.5	4M47F9W	0.2005	4M47G7D	0.2009
10	1855.0 ~ 1905.0	9M05F9W	0.2103	9M09G7D	0.2084
20	1860.0 ~ 1900.0	17M9F9W	0.2182	18M0G7D	0.2152
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 Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	1852.5 ~ 1907.5	4M47F9W	0.2060	4M48G7D	0.2070
10	1855.0 ~ 1905.0	9M05F9W	0.2089	9M05G7D	0.2104
20	1860.0 ~ 1900.0	17M9F9W	0.2147	17M9G7D	0.2113
Frequency Tolerance (ppm)		-			

5G NR n5 (EN DC_2A-n5A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	826.5 ~ 846.5	4M48F9W	0.2124	4M49G7D	0.2095
10	829.0 ~ 844.0	9M07F9W	0.2052	9M05G7D	0.2085
20	834.0 ~ 839.0	17M9F9W	0.1889	18M0G7D	0.2095
Frequency Tolerance (ppm)		0.0023			



5G NR n5 (EN DC_7A-n5A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	826.5 ~ 846.5	4M47F9W	0.2099	4M50G7D	0.2080
10	829.0 ~ 844.0	9M05F9W	0.2038	9M09G7D	0.2071
20	834.0 ~ 839.0	17M9F9W	0.2148	17M9G7D	0.2104
Frequency Tolerance (ppm)		-			

5G NR n5 (EN DC_30A-n5A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	826.5 ~ 846.5	4M49F9W	0.2124	4M49G7D	0.2085
10	829.0 ~ 844.0	9M05F9W	0.2052	9M09G7D	0.2062
20	834.0 ~ 839.0	17M9F9W	0.2183	18M0G7D	0.2119
Frequency Tolerance (ppm)		-			

5G NR n5 (EN DC_66A-n5A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	826.5 ~ 846.5	4M48F9W	0.2115	4M49G7D	0.2110
10	829.0 ~ 844.0	9M07F9W	0.2081	9M09G7D	0.2086
20	834.0 ~ 839.0	17M9F9W	0.2199	17M9G7D	0.2120
Frequency Tolerance (ppm)		-			

5G NR n41 (EN DC_2A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
20	2506.02 ~ 2679.99	17M9F9W	0.1902	17M9G7D	0.1888
60	2526.00 ~ 2659.98	58M0F9W	0.1863	58M1G7D	0.1854
100	2546.01 ~ 2640.00	96M1F9W	0.1897	96M3G7D	0.1880
Frequency Tolerance (ppm)		0.0023			



5G NR n41 (EN DC_25A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
20	2506.02 ~ 2679.99	17M9F9W	0.1915	17M9G7D	0.1881
60	2526.00 ~ 2659.98	58M0F9W	0.1850	57M9G7D	0.1842
100	2546.01 ~ 2640.00	96M1F9W	0.1881	96M3G7D	0.1863
Frequency Tolerance (ppm)		-			

5G NR n41 (EN DC_66A-n41A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
20	2506.02 ~ 2679.99	17M9F9W	0.2093	17M9G7D	0.2068
60	2526.00 ~ 2659.98	57M9F9W	0.2078	58M0G7D	0.2059
100	2546.01 ~ 2640.00	96M7F9W	0.2112	96M3G7D	0.2078
Frequency Tolerance (ppm)		-			

5G NR n66 (EN DC_5A-n66A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	1712.5 ~ 1777.5	4M48F9W	0.2182	4M48G7D	0.2172
10	1715.0 ~ 1775.0	9M07F9W	0.2253	9M11G7D	0.2233
20	1720.0 ~ 1770.0	17M9F9W	0.2430	17M9G7D	0.2342
Frequency Tolerance (ppm)		0.0023			

5G NR n66 (EN DC_12A-n66A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	1712.5 ~ 1777.5	4M49F9W	0.2253	4M49G7D	0.2269
10	1715.0 ~ 1775.0	9M05F9W	0.2322	9M07G7D	0.2301
20	1720.0 ~ 1770.0	18M0F9W	0.2425	18M0G7D	0.2386
Frequency Tolerance (ppm)		-			



5G NR n66 (EN DC_13A-n66A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	1712.5 ~ 1777.5	4M48F9W	0.2182	4M48G7D	0.2192
10	1715.0 ~ 1775.0	9M07F9W	0.2218	9M13G7D	0.2212
20	1720.0 ~ 1770.0	18M0F9W	0.2270	17M9G7D	0.2258
Frequency Tolerance (ppm)		-			

5G NR n71 (EN DC_2A-n71A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	665.5 ~ 695.5	4M49F9W	0.1709	4M49G7D	0.1685
10	668.0 ~ 693.0	9M03F9W	0.1693	9M11G7D	0.1666
20	673.0 ~ 688.0	17M9F9W	0.1809	18M0G7D	0.1781
Frequency Tolerance (ppm)		0.0023			

5G NR n71 (EN DC_7A-n71A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	665.5 ~ 695.5	4M52F9W	0.1793	4M47G7D	0.1768
10	668.0 ~ 693.0	9M05F9W	0.1744	9M09G7D	0.1701
20	673.0 ~ 688.0	17M9F9W	0.1818	17M9G7D	0.1847
Frequency Tolerance (ppm)		-			

5G NR n71 (EN DC_66A-n71A)		PI/2 BPSK		QPSK	
BW (MHz)	Frequency Range (MHz)	Emission Designator (99%OBW)	Maximum Conducted power (W)	Emission Designator (99%OBW)	Maximum Conducted power (W)
5	665.5 ~ 695.5	4M50F9W	0.1729	4M48G7D	0.1686
10	668.0 ~ 693.0	9M03F9W	0.1697	9M09G7D	0.1670
20	673.0 ~ 688.0	17M9F9W	0.1860	18M0G7D	0.1877
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

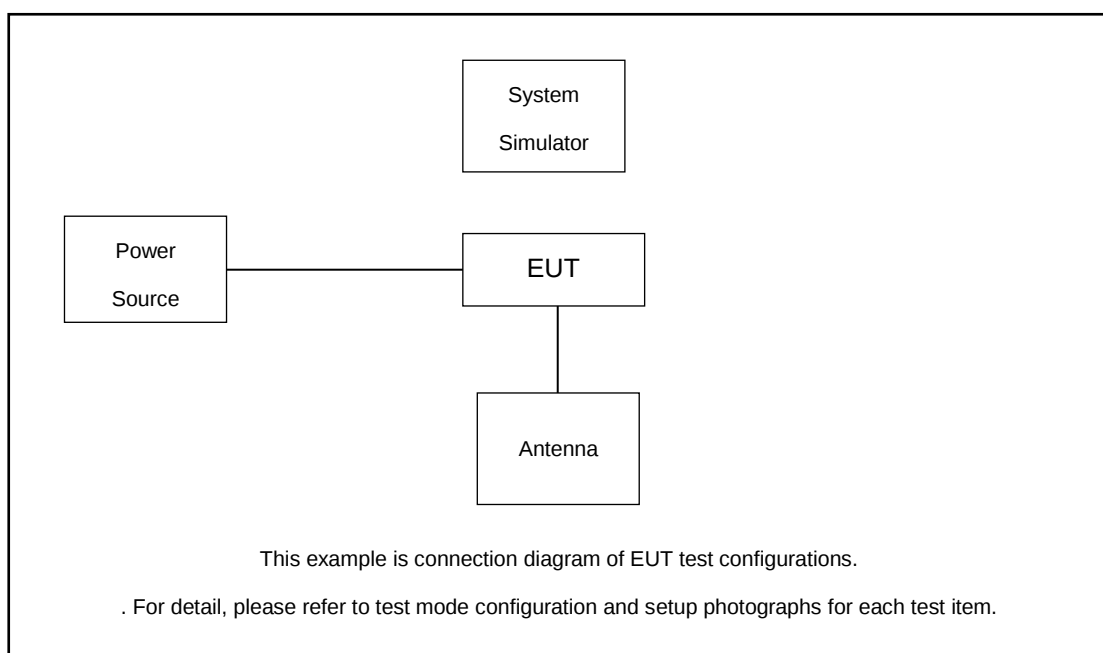
Antenna port conducted and radiated test items are performed according to KDB 971168 D01 Power Meas License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X 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	Topward	3303DR	N/A	N/A	Unshielded,1.8m
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.	WWAN Antenna	PANORAMA	PWB-6-60-RSMAP	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 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.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 7.3 dB.

Example :

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} \\ &= 7.3 \text{ (dB)}\end{aligned}$$

2.5 Frequency List of Low/Middle/High Channels

5G NR n2 Channel and Frequency List			
NR Bandwidth (MHz)	LTE Bandwidth (MHz)	Channel	NR Frequency (MHz)
20	10	Low	1860
		Mid.	1880
		High	1900
10	10	Low	1855
		Mid.	1880
		High	1905
5	10	Low	1852.5
		Mid.	1880
		High	1907.5

5G NR n5 Channel and Frequency List			
NR Bandwidth (MHz)	LTE Bandwidth (MHz)	Channel	NR Frequency (MHz)
20	20	Low	834
		Mid.	836.5
		High	839
10	20	Low	829
		Mid.	836.5
		High	844
5	20	Low	826.5
		Mid.	836.5
		High	846.5



5G NR n41 Channel and Frequency List			
NR Bandwidth (MHz)	LTE Bandwidth (MHz)	Channel	NR Frequency (MHz)
100	20	Low	2546.01
		Mid.	2592.99
		High	2640
60	20	Low	2526
		Mid.	2592.99
		High	2659.98
20	20	Low	2506.02
		Mid.	2592.99
		High	2679.99

5G NR n66 Channel and Frequency List			
NR Bandwidth (MHz)	LTE Bandwidth (MHz)	Channel	NR Frequency (MHz)
20	10	Low	1720
		Mid.	1745
		High	1770
10	10	Low	1715
		Mid.	1745
		High	1775
5	10	Low	1712.5
		Mid.	1745
		High	1777.5



5G NR n71 Channel and Frequency List			
NR Bandwidth (MHz)	LTE Bandwidth (MHz)	Channel	NR Frequency (MHz)
20	20	Low	673
		Mid.	680.5
		High	688
10	20	Low	668
		Mid.	680.5
		High	693
5	20	Low	665.5
		Mid.	680.5
		High	695.5

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

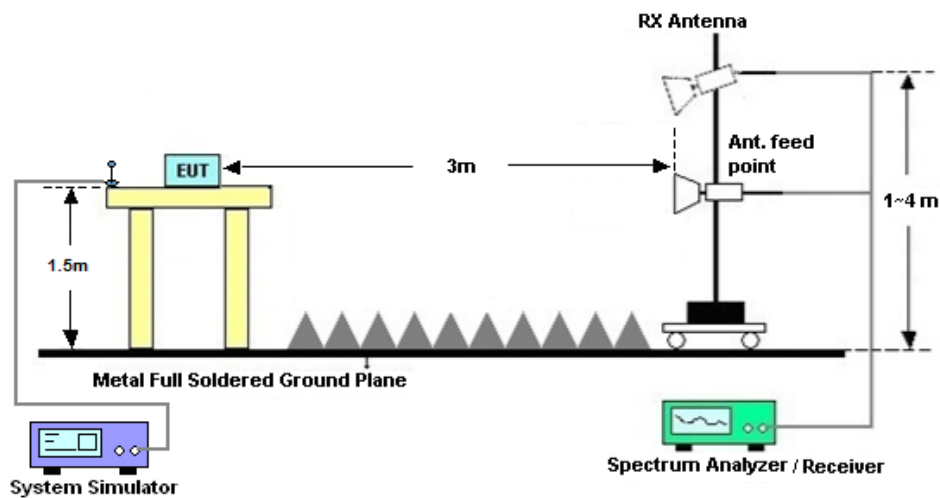
See list of measuring instruments of this test report.

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	Mar. 14, 2020~ Jun. 12, 2020	Apr. 17, 2020	Conducted (TH01-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 16, 2010		Apr. 15, 2021	Conducted (TH01-SZ)
DC Power Supply	GWINSTEK	AnritsuGPS-3030D	EM882636	Max 30V	Apr. 18, 2019	Mar. 14, 2020~ Jun. 12, 2020	Apr. 17, 2020	Conducted (TH01-SZ)
DC Power Supply	GWINSTEK	AnritsuGPS-3030D	EM882636	Max 30V	Apr. 16, 2010		Apr. 15, 2021	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Apr. 19, 2019	Mar. 25, 2020~ Jun. 12, 2020	Apr. 18, 2020	Radiation (03CH02-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Apr. 17, 2020		Apr. 16, 2021	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Jul. 19, 2019	Mar. 25, 2020~ Jun. 12, 2020	Jul. 18, 2020	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1285	1GHz~18GHz	Jan. 07, 2020	Mar. 25, 2020~ Jun. 12, 2020	Jan. 06, 2021	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 22, 2019	Mar. 25, 2020~ Jun. 12, 2020	Jul. 21, 2020	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz~40GHz	Apr. 18, 2019	Mar. 25, 2020~ Jun. 12, 2020	Apr. 17, 2020	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz~40GHz	Apr. 17, 2020		Apr. 16, 2021	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2019	Mar. 25, 2020~ Jun. 12, 2020	Oct. 17, 2020	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 18, 2019	Mar. 25, 2020~ Jun. 12, 2020	Oct. 17, 2020	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010002470	N/A	NCR	Mar. 25, 2020~ Jun. 12, 2020	NCR	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Mar. 25, 2020~ Jun. 12, 2020	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Mar. 25, 2020~ Jun. 12, 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)

EN-DC_5A_n2A												
Combination 20MHz+10MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR Measured Power (dBm)	LTE Measured Power (dBm)	Total Measured Power (dBm)	EIRP (W)
					RB Size	RB offset	RB Size	RB offset				
372000	1860	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.37	-0.29	23.39	0.5481
					1	104	1	49	23.28	-0.41	23.30	0.5368
					50	25	50	0	23.27	-0.27	23.29	0.5357
				QPSK DFT-s-OFDM	1	1	1	0	23.28	-0.36	23.30	0.5369
					1	104	1	49	23.24	-0.31	23.26	0.5320
					50	25	50	0	23.31	-0.28	23.33	0.5406
376000	1880	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.15	-0.47	23.17	0.5211
					1	104	1	49	23.17	-0.37	23.19	0.5235
					50	25	50	0	23.18	-0.42	23.20	0.5247
				QPSK DFT-s-OFDM	1	1	1	0	23.14	-0.37	23.16	0.5199
					1	104	1	49	23.12	-0.42	23.14	0.5175
					50	25	50	0	22.25	-0.3	22.27	0.4240
380000	1900	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.13	-0.48	23.15	0.5187
					1	104	1	49	23.03	-0.6	23.05	0.5068
					50	25	50	0	23.13	-0.42	23.15	0.5187
				QPSK DFT-s-OFDM	1	1	1	0	23.06	-0.52	23.08	0.5104
					1	104	1	49	22.99	-0.53	23.01	0.5023
					50	25	50	0	23	-0.45	23.02	0.5035



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	23.18	-0.23	23.20	0.5248
					1	50	1	49	23.12	-0.35	23.14	0.5175
					25	12	50	0	23.21	-0.29	23.23	0.5284
				QPSK DFT-s-OFDM	1	1	1	0	23.14	-0.22	23.16	0.5200
					1	50	1	49	23.09	-0.35	23.11	0.5140
					25	12	50	0	23.17	-0.27	23.19	0.5236
376000	1880	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.94	-0.29	22.96	0.4967
					1	50	1	49	22.99	-0.47	23.01	0.5023
					25	12	50	0	22.96	-0.35	22.98	0.4989
				QPSK DFT-s-OFDM	1	1	1	0	22.92	-0.42	22.94	0.4943
					1	50	1	49	22.9	-0.4	22.92	0.4921
					25	12	50	0	22.99	-0.3	23.01	0.5024
381000	1905	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.67	-0.52	22.69	0.4667
					1	50	1	49	22.68	-0.56	22.70	0.4678
					25	12	50	0	22.7	-0.51	22.72	0.4700
				QPSK DFT-s-OFDM	1	1	1	0	22.63	-0.55	22.65	0.4625
					1	50	1	49	22.55	-0.65	22.57	0.4540
					25	12	50	0	22.66	-0.42	22.68	0.4657



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	22.94	-0.34	22.96	0.4966
					1	23	1	49	23	-0.33	23.02	0.5035
					12	6	50	0	22.89	-0.27	22.91	0.4910
				QPSK DFT-s-OFDM	1	1	1	0	22.93	-0.29	22.95	0.4955
					1	23	1	49	22.86	-0.31	22.88	0.4876
					12	6	50	0	23.01	-0.25	23.03	0.5047
376000	1880	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.8	-0.37	22.82	0.4809
					1	23	1	49	22.85	-0.66	22.87	0.4863
					12	6	50	0	22.87	-0.37	22.89	0.4887
				QPSK DFT-s-OFDM	1	1	1	0	22.79	-0.36	22.81	0.4798
					1	23	1	49	22.87	-0.48	22.89	0.4887
					12	6	50	0	22.61	-0.32	22.63	0.4605
381500	1907.5	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.65	-0.52	22.67	0.4646
					1	23	1	49	22.56	-0.61	22.58	0.4551
					12	6	50	0	22.63	-0.33	22.65	0.4626
				QPSK DFT-s-OFDM	1	1	1	0	22.6	-0.53	22.62	0.4593
					1	23	1	49	22.58	-0.54	22.60	0.4572
					12	6	50	0	22.66	-0.45	22.68	0.4657



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	23.3	-0.44	23.32	0.5393
					1	104	1	49	23.24	-0.17	23.26	0.5321
					50	25	50	0	23.24	-0.11	23.26	0.5321
				QPSK DFT-s-OFDM	1	1	1	0	23.23	-0.24	23.25	0.5308
					1	104	1	49	23.22	-0.35	23.24	0.5295
					50	25	50	0	23.17	-0.14	23.19	0.5236
376000	1880	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.14	-0.24	23.16	0.5200
					1	104	1	49	23.09	-0.14	23.11	0.5141
					50	25	50	0	23.13	-0.18	23.15	0.5188
				QPSK DFT-s-OFDM	1	1	1	0	23.06	-0.32	23.08	0.5105
					1	104	1	49	23.09	-0.16	23.11	0.5141
					50	25	50	0	23.03	-0.18	23.05	0.5071
380000	1900	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.09	-0.21	23.11	0.5141
					1	104	1	49	22.96	-0.16	22.98	0.4990
					50	25	50	0	23.02	-0.08	23.04	0.5060
				QPSK DFT-s-OFDM	1	1	1	0	23.1	-0.3	23.12	0.5152
					1	104	1	49	22.92	-0.35	22.94	0.4944
					50	25	50	0	23.04	-0.15	23.06	0.5083



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	23.18	-0.29	23.20	0.5247
					1	50	1	49	23.1	-0.27	23.12	0.5152
					25	12	50	0	23.11	-0.14	23.13	0.5165
				QPSK DFT-s-OFDM	1	1	1	0	23.09	-0.41	23.11	0.5140
					1	50	1	49	23.06	-0.3	23.08	0.5105
					25	12	50	0	23.21	-0.17	23.23	0.5284
376000	1880	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.95	-0.32	22.97	0.4978
					1	50	1	49	23	-0.23	23.02	0.5036
					25	12	50	0	23.02	-0.1	23.04	0.5060
				QPSK DFT-s-OFDM	1	1	1	0	22.92	-0.26	22.94	0.4944
					1	50	1	49	22.95	-0.12	22.97	0.4979
					25	12	50	0	22.98	-0.12	23.00	0.5013
381000	1905	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.88	-0.15	22.90	0.4900
					1	50	1	49	22.85	-0.16	22.87	0.4866
					25	12	50	0	22.86	-0.08	22.88	0.4878
				QPSK DFT-s-OFDM	1	1	1	0	22.78	-0.28	22.80	0.4788
					1	50	1	49	22.77	-0.22	22.79	0.4777
					25	12	50	0	22.91	-0.12	22.93	0.4934



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	23.07	-0.29	23.09	0.5117
					1	23	1	49	23.12	-0.42	23.14	0.5175
					12	6	50	0	23.01	-0.09	23.03	0.5048
				QPSK DFT-s-OFDM	1	1	1	0	22.97	-0.36	22.99	0.5000
					1	23	1	49	23.03	-0.11	23.05	0.5071
					12	6	50	0	23.14	-0.22	23.16	0.5200
376000	1880	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.99	-0.33	23.01	0.5024
					1	23	1	49	23.04	-0.1	23.06	0.5083
					12	6	50	0	22.97	-0.14	22.99	0.5002
				QPSK DFT-s-OFDM	1	1	1	0	22.94	-0.3	22.96	0.4967
					1	23	1	49	22.97	-0.21	22.99	0.5001
					12	6	50	0	23.05	-0.17	23.07	0.5094
381500	1907.5	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.82	-0.32	22.84	0.4832
					1	23	1	49	22.86	-0.19	22.88	0.4877
					12	6	50	0	22.75	-0.18	22.77	0.4756
				QPSK DFT-s-OFDM	1	1	1	0	22.67	-0.32	22.69	0.4668
					1	23	1	49	22.8	-0.15	22.82	0.4811
					12	6	50	0	22.86	-0.12	22.88	0.4877



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	23.25	0.06	23.27	0.2052
					1	104	1	99	22.91	0.08	22.93	0.1898
					50	25	100	0	23.06	0.14	23.08	0.1964
				QPSK DFT-s-OFDM	1	1	1	0	23.19	0.08	23.21	0.2024
					1	104	1	99	22.82	0.02	22.84	0.1859
					50	25	100	0	23.06	0.2	23.08	0.1964
167300	836.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.09	0.03	23.11	0.1978
					1	104	1	99	22.8	0.26	22.82	0.1851
					50	25	100	0	23	0.16	23.02	0.1938
				QPSK DFT-s-OFDM	1	1	1	0	23.06	0.07	23.08	0.1964
					1	104	1	99	22.77	0.2	22.79	0.1838
					50	25	100	0	23.01	0.26	23.03	0.1942
167800	839	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.05	0.2	23.07	0.1960
					1	104	1	99	22.74	0.07	22.76	0.1825
					50	25	100	0	22.9	0.13	22.92	0.1894
				QPSK DFT-s-OFDM	1	1	1	0	23	0.12	23.02	0.1937
					1	104	1	99	22.6	0.06	22.62	0.1768
					50	25	100	0	22.97	0.14	22.99	0.1924



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	23.1	0.04	23.12	0.1982
					1	50	1	99	23	0.07	23.02	0.1937
					25	12	100	0	23.05	0.19	23.07	0.1960
				QPSK DFT-s-OFDM	1	1	1	0	23.03	0.02	23.05	0.1951
					1	50	1	99	23.02	0.06	23.04	0.1946
					25	12	100	0	23.17	0.07	23.19	0.2014
167300	836.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.95	0.16	22.97	0.1915
					1	50	1	99	22.84	0.21	22.86	0.1868
					25	12	100	0	22.99	0.14	23.01	0.1933
				QPSK DFT-s-OFDM	1	1	1	0	22.96	0.12	22.98	0.1920
					1	50	1	99	22.8	0.16	22.82	0.1851
					25	12	100	0	23.02	0.22	23.04	0.1947
168800	844	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.77	0.12	22.79	0.1838
					1	50	1	99	22.51	0.02	22.53	0.1732
					25	12	100	0	22.72	0.21	22.74	0.1817
				QPSK DFT-s-OFDM	1	1	1	0	22.79	0.16	22.81	0.1847
					1	50	1	99	22.54	0.14	22.56	0.1744
					25	12	100	0	22.76	0.21	22.78	0.1834



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	23.25	0.12	23.27	0.2052
					1	23	1	99	23.06	0.16	23.08	0.1964
					12	6	100	0	23.08	0.15	23.10	0.1973
				QPSK DFT-s-OFDM	1	1	1	0	23.14	0.09	23.16	0.2001
					1	23	1	99	23.01	0.16	23.03	0.1942
					12	6	100	0	23.19	0.15	23.21	0.2024
167300	836.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.07	0.06	23.09	0.1969
					1	23	1	99	22.9	0.15	22.92	0.1894
					12	6	100	0	22.93	0.22	22.95	0.1907
				QPSK DFT-s-OFDM	1	1	1	0	22.99	0.06	23.01	0.1933
					1	23	1	99	22.72	0.18	22.74	0.1817
					12	6	100	0	22.99	0.23	23.01	0.1933
169300	846.5	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.78	0.2	22.80	0.1842
					1	23	1	99	22.6	0.17	22.62	0.1768
					12	6	100	0	22.61	0.24	22.64	0.1772
				QPSK DFT-s-OFDM	1	1	1	0	22.78	0.23	22.80	0.1843
					1	23	1	99	22.54	0.06	22.56	0.1744
					12	6	100	0	22.71	0.23	22.73	0.1813



EN-DC_7A_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	20850	2510	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.3	0.1	23.32	0.2075
					1	104	1	99	22.95	-0.08	22.97	0.1915
					50	25	100	0	23.14	-0.03	23.16	0.2000
				QPSK DFT-s-OFDM	1	1	1	0	23.18	0.03	23.20	0.2019
					1	104	1	99	22.87	0.08	22.89	0.1881
					50	25	100	0	23.19	0.07	23.21	0.2024
167300	836.5	21100	2535	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.26	-0.03	23.28	0.2056
					1	104	1	99	22.97	-0.09	22.99	0.1924
					50	25	100	0	23.14	-0.04	23.16	0.2000
				QPSK DFT-s-OFDM	1	1	1	0	23.21	-0.18	23.23	0.2032
					1	104	1	99	22.92	-0.09	22.94	0.1902
					50	25	100	0	23.13	-0.1	23.15	0.1996
167800	839	21350	2560	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.24	0.03	23.26	0.2047
					1	104	1	99	22.88	0.12	22.90	0.1885
					50	25	100	0	23.1	0.1	23.12	0.1982
				QPSK DFT-s-OFDM	1	1	1	0	23.13	0.16	23.15	0.1996
					1	104	1	99	22.75	0.02	22.77	0.1829
					50	25	100	0	23.02	0.02	23.04	0.1946



EN-DC_7A_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	20850	2510	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.07	-0.05	23.09	0.1968
					1	50	1	99	23.01	-0.05	23.03	0.1942
					25	12	100	0	23.02	0.09	23.04	0.1946
				QPSK DFT-s-OFDM	1	1	1	0	23.09	0.05	23.11	0.1978
					1	50	1	99	22.95	-0.04	22.97	0.1915
					25	12	100	0	23.14	0.1	23.16	0.2001
167300	836.5	21100	2535	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.98	-0.07	23.00	0.1928
					1	50	1	99	22.83	-0.17	22.85	0.1863
					25	12	100	0	22.94	-0.06	22.96	0.1911
				QPSK DFT-s-OFDM	1	1	1	0	22.86	-0.05	22.88	0.1876
					1	50	1	99	22.8	-0.03	22.82	0.1850
					25	12	100	0	22.91	-0.04	22.93	0.1898
168800	844	21350	2560	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.68	-0.02	22.70	0.1800
					1	50	1	99	22.5	0.01	22.52	0.1728
					25	12	100	0	22.73	0.1	22.75	0.1821
				QPSK DFT-s-OFDM	1	1	1	0	22.59	-0.09	22.61	0.1763
					1	50	1	99	22.43	0.05	22.46	0.1700
					25	12	100	0	22.76	0.04	22.78	0.1834



EN-DC_7A_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	20850	2510	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.2	0.04	23.22	0.2028
					1	23	1	99	23.07	0.02	23.09	0.1969
					12	6	100	0	23.02	0.09	23.04	0.1946
				QPSK DFT-s-OFDM	1	1	1	0	23.12	0.09	23.14	0.1991
					1	23	1	99	23	0.01	23.02	0.1937
					12	6	100	0	23.16	0.1	23.18	0.2010
167300	836.5	21100	2535	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.02	-0.02	23.04	0.1946
					1	23	1	99	22.81	-0.06	22.83	0.1855
					12	6	100	0	22.87	-0.05	22.89	0.1880
				QPSK DFT-s-OFDM	1	1	1	0	23	0.09	23.02	0.1937
					1	23	1	99	22.74	-0.09	22.76	0.1825
					12	6	100	0	22.94	-0.01	22.96	0.1911
169300	846.5	21350	2560	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.76	0.22	22.78	0.1834
					1	23	1	99	22.57	0.08	22.59	0.1756
					12	6	100	0	22.6	0.16	22.62	0.1768
				QPSK DFT-s-OFDM	1	1	1	0	22.7	0.17	22.72	0.1809
					1	23	1	99	22.48	0.03	22.50	0.1720
					12	6	100	0	22.7	0.07	22.72	0.1809



EN-DC_30A_n5A												
Combination 20MHz+10MHz(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	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.3	0.1	23.32	0.2075
					1	104	1	49	23.04	0.19	23.06	0.1955
					50	25	50	0	23.18	0.3	23.20	0.2019
				QPSK DFT-s-OFDM	1	1	1	0	23.24	0.01	23.26	0.2047
					1	104	1	49	23.01	0.2	23.03	0.1942
					50	25	50	0	23.23	0.21	23.25	0.2042
167300	836.5	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.37	0.19	23.39	0.2109
					1	104	1	49	23.07	0.21	23.09	0.1969
					50	25	50	0	23.2	0.24	23.22	0.2029
				QPSK DFT-s-OFDM	1	1	1	0	23.22	0.16	23.24	0.2038
					1	104	1	49	22.93	0.2	22.95	0.1907
					50	25	50	0	23.2	0.23	23.22	0.2029
167800	839	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.3	0.02	23.32	0.2075
					1	104	1	49	22.93	0.21	22.95	0.1907
					50	25	50	0	23.15	0.23	23.17	0.2005
				QPSK DFT-s-OFDM	1	1	1	0	23.2	0.05	23.22	0.2028
					1	104	1	49	22.81	0.2	22.83	0.1855
					50	25	50	0	23.21	0.31	23.23	0.2033



EN-DC_30A_n5A												
Combination 10MHz+10MHz(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	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.1	0.06	23.12	0.1982
					1	50	1	49	23.07	0.28	23.09	0.1969
					25	12	50	0	23.04	0.2	23.06	0.1955
				QPSK DFT-s-OFDM	1	1	1	0	23.02	0.03	23.04	0.1946
					1	50	1	49	23	0.06	23.02	0.1937
					25	12	50	0	23.12	0.23	23.14	0.1992
167300	836.5	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.03	0.16	23.05	0.1951
					1	50	1	49	22.84	0.23	22.86	0.1868
					25	12	50	0	22.97	0.29	22.99	0.1925
				QPSK DFT-s-OFDM	1	1	1	0	22.93	0.06	22.95	0.1907
					1	50	1	49	22.78	0.37	22.80	0.1843
					25	12	50	0	23.01	0.2	23.03	0.1942
168800	844	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.8	0.04	22.82	0.1851
					1	50	1	49	22.53	0.05	22.55	0.1740
					25	12	50	0	22.72	0.25	22.74	0.1817
				QPSK DFT-s-OFDM	1	1	1	0	22.66	0.09	22.68	0.1792
					1	50	1	49	22.48	0.17	22.51	0.1720
					25	12	50	0	22.82	0.25	22.84	0.1860



EN-DC_30A_n5A												
Combination 5MHz+10MHz(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	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.25	0.08	23.27	0.2052
					1	23	1	49	23.1	0.14	23.12	0.1982
					12	6	50	0	23.08	0.2	23.10	0.1973
				QPSK DFT-s-OFDM	1	1	1	0	23.17	0.04	23.19	0.2014
					1	23	1	49	23.06	0.15	23.08	0.1964
					12	6	50	0	23.13	0.26	23.15	0.1996
167300	836.5	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23	0.04	23.02	0.1937
					1	23	1	49	22.89	0.17	22.91	0.1889
					12	6	50	0	22.92	0.28	22.94	0.1903
				QPSK DFT-s-OFDM	1	1	1	0	23	0.06	23.02	0.1937
					1	23	1	49	22.8	0.16	22.82	0.1851
					12	6	50	0	22.97	0.25	22.99	0.1924
169300	846.5	27710	2310	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.81	0.15	22.83	0.1855
					1	23	1	49	22.63	0.19	22.65	0.1780
					12	6	50	0	22.65	0.29	22.68	0.1789
				QPSK DFT-s-OFDM	1	1	1	0	22.73	0.08	22.75	0.2988
					1	23	1	49	22.56	0.17	22.58	0.2874
					12	6	50	0	22.7	0.21	22.72	0.2968



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	23.37	0.28	23.39	0.3460
					1	104	1	99	23.03	0.39	23.05	0.3202
					50	25	100	0	23.21	0.47	23.23	0.3337
				QPSK DFT-s-OFDM	1	1	1	0	23.16	0.26	23.18	0.3298
					1	104	1	99	22.96	0.37	22.98	0.3151
					50	25	100	0	23.22	0.47	23.24	0.3344
167300	836.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.4	0.41	23.42	0.3485
					1	104	1	99	23.05	0.36	23.07	0.3216
					50	25	100	0	23.21	0.44	23.23	0.3336
				QPSK DFT-s-OFDM	1	1	1	0	23.21	0.47	23.23	0.3337
					1	104	1	99	22.89	0.39	22.91	0.3101
					50	25	100	0	23.24	0.4	23.26	0.3359
167800	839	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.33	0.22	23.35	0.3429
					1	104	1	99	22.9	0.16	22.92	0.3107
					50	25	100	0	23.17	0.2	23.19	0.3305
				QPSK DFT-s-OFDM	1	1	1	0	23.2	0.29	23.22	0.3328
					1	104	1	99	22.84	0.21	22.86	0.3065
					50	25	100	0	23.09	0.13	23.11	0.3245



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	23.16	0.2	23.18	0.3298
					1	50	1	99	23.02	0.43	23.04	0.3194
					25	12	100	0	23.1	0.45	23.12	0.3254
				QPSK DFT-s-OFDM	1	1	1	0	23	0.3	23.02	0.3179
					1	50	1	99	22.9	0.36	22.92	0.3108
					25	12	100	0	23.17	0.46	23.19	0.3306
167300	836.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.02	0.38	23.04	0.3194
					1	50	1	99	22.85	0.34	22.87	0.3072
					25	12	100	0	22.97	0.31	22.99	0.3158
				QPSK DFT-s-OFDM	1	1	1	0	23.04	0.42	23.06	0.3209
					1	50	1	99	22.79	0.22	22.81	0.3030
					25	12	100	0	22.98	0.44	23.00	0.3165
168800	844	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.81	0.2	22.83	0.3044
					1	50	1	99	22.63	0.14	22.65	0.2920
					25	12	100	0	22.72	0.25	22.74	0.2982
				QPSK DFT-s-OFDM	1	1	1	0	22.71	0.2	22.73	0.2975
					1	50	1	99	22.57	0.15	22.59	0.2881
					25	12	100	0	22.77	0.14	22.79	0.3016



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	23.23	0.32	23.25	0.3351
					1	23	1	99	23.1	0.34	23.12	0.3253
					12	6	100	0	23.06	0.48	23.08	0.3224
				QPSK DFT-s-OFDM	1	1	1	0	23.22	0.4	23.24	0.3344
					1	23	1	99	23	0.42	23.02	0.3180
					12	6	100	0	23.22	0.45	23.24	0.3344
167300	836.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.04	0.42	23.06	0.3209
					1	23	1	99	22.88	0.49	22.90	0.3094
					12	6	100	0	22.9	0.31	22.92	0.3107
				QPSK DFT-s-OFDM	1	1	1	0	23.03	0.36	23.05	0.3201
					1	23	1	99	22.8	0.31	22.82	0.3037
					12	6	100	0	22.95	0.37	22.97	0.3143
169300	846.5	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.82	0.18	22.84	0.3050
					1	23	1	99	22.62	0.21	22.64	0.2914
					12	6	100	0	22.63	0.27	22.66	0.2921
				QPSK DFT-s-OFDM	1	1	1	0	22.78	0.29	22.80	0.3023
					1	23	1	99	22.55	0.14	22.57	0.2867
					12	6	100	0	22.75	0.24	22.77	0.3002



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	22.64	-0.41	22.66	0.4636
					1	271	1	99	22.53	-0.39	22.55	0.4521
					135	67	100	0	22.55	-0.23	22.57	0.4542
				QPSK DFT-s-OFDM	1	1	1	0	22.44	-0.27	22.46	0.4429
					1	271	1	99	22.44	-0.25	22.46	0.4429
					135	67	100	0	22.53	-0.2	22.55	0.4522
518598	2592.99	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.76	-0.23	22.78	0.4766
					1	271	1	99	22.67	-0.19	22.69	0.4669
					135	67	100	0	22.62	-0.14	22.64	0.4616
				QPSK DFT-s-OFDM	1	1	1	0	22.72	-0.21	22.74	0.4723
					1	271	1	99	22.61	-0.26	22.63	0.4605
					135	67	100	0	22.68	-0.12	22.70	0.468
528000	2640	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.72	-0.35	22.74	0.4722
					1	271	1	99	22.74	-0.29	22.76	0.4744
					135	67	100	0	22.62	-0.2	22.64	0.4616
				QPSK DFT-s-OFDM	1	1	1	0	22.7	-0.15	22.72	0.4702
					1	271	1	99	22.6	-0.3	22.62	0.4594
					135	67	100	0	22.63	-0.19	22.65	0.4627



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	22.48	-0.26	22.50	0.4470
					1	160	1	99	22.46	-0.22	22.48	0.4450
					81	40	100	0	22.62	-0.35	22.64	0.4615
				QPSK DFT-s-OFDM	1	1	1	0	22.45	-0.34	22.47	0.4439
					1	160	1	99	22.43	-0.39	22.45	0.4418
					81	40	100	0	22.55	-0.41	22.57	0.4541
518598	2592.99	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.55	-0.16	22.57	0.4543
					1	160	1	99	22.68	-0.24	22.70	0.4680
					81	40	100	0	22.65	-0.29	22.67	0.4647
				QPSK DFT-s-OFDM	1	1	1	0	22.43	-0.34	22.45	0.4419
					1	160	1	99	22.66	-0.33	22.68	0.4658
					81	40	100	0	22.63	-0.18	22.65	0.4627
531996	2659.98	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.59	-0.22	22.61	0.4584
					1	160	1	99	22.64	-0.36	22.66	0.4636
					81	40	100	0	22.58	-0.15	22.60	0.4574
				QPSK DFT-s-OFDM	1	1	1	0	22.57	-0.24	22.59	0.4563
					1	160	1	99	22.61	-0.31	22.63	0.4605
					81	40	100	0	22.59	-0.29	22.61	0.4584



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	22.59	-0.14	22.61	0.4585
					1	49	1	99	22.51	-0.13	22.53	0.4502
					25	12	100	0	22.58	-0.22	22.60	0.4574
				QPSK DFT-s-OFDM	1	1	1	0	22.56	-0.32	22.58	0.4552
					1	49	1	99	22.49	-0.34	22.51	0.4480
					25	12	100	0	22.51	-0.29	22.53	0.4501
518598	2592.99	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.66	-0.16	22.68	0.4659
					1	49	1	99	22.68	-0.18	22.70	0.4680
					25	12	100	0	22.73	-0.29	22.75	0.4733
				QPSK DFT-s-OFDM	1	1	1	0	22.63	-0.33	22.65	0.4626
					1	49	1	99	22.66	-0.37	22.68	0.4658
					25	12	100	0	22.69	-0.15	22.71	0.4691
535998	2679.99	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.63	-0.11	22.65	0.4627
					1	49	1	99	22.54	-0.32	22.56	0.4532
					25	12	100	0	22.77	-0.18	22.79	0.4777
				QPSK DFT-s-OFDM	1	1	1	0	22.62	-0.31	22.64	0.4615
					1	49	1	99	22.49	-0.25	22.51	0.4480
					25	12	100	0	22.74	-0.38	22.76	0.4744



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	21.25	-0.05	21.28	0.3374
					1	271	1	99	21.52	-0.16	21.55	0.3589
					135	67	100	0	22.58	-0.11	22.60	0.4574
				QPSK DFT-s-OFDM	1	1	1	0	21.16	-0.19	21.19	0.3305
					1	271	1	99	21.44	-0.18	21.47	0.3524
					135	67	100	0	22.64	-0.05	22.66	0.4638
518598	2592.99	26340	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.72	-0.06	22.74	0.4724
					1	271	1	99	22.21	-0.11	22.24	0.4203
					135	67	100	0	22.66	-0.21	22.68	0.4658
				QPSK DFT-s-OFDM	1	1	1	0	22.68	-0.22	22.70	0.4680
					1	271	1	99	21.65	-0.15	21.68	0.3697
					135	67	100	0	22.63	-0.14	22.65	0.4627
528000	2640	26590	1905	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.68	-0.07	22.70	0.4681
					1	271	1	99	22.72	-0.12	22.74	0.4723
					135	67	100	0	22.68	-0.09	22.70	0.4680
				QPSK DFT-s-OFDM	1	1	1	0	22.66	-0.22	22.68	0.4658
					1	271	1	99	22.63	-0.23	22.65	0.4626
					135	67	100	0	22.66	-0.15	22.68	0.4659



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	22.53	-0.11	22.55	0.4522
					1	160	1	99	22.52	-0.19	22.54	0.4511
					81	40	100	0	22.6	-0.21	22.62	0.4595
				QPSK DFT-s-OFDM	1	1	1	0	22.4	-0.22	22.42	0.4389
					1	160	1	99	22.51	-0.1	22.53	0.4502
					81	40	100	0	22.55	-0.09	22.57	0.4543
518598	2592.99	26340	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.51	-0.16	22.53	0.4501
					1	160	1	99	22.61	-0.26	22.63	0.4605
					81	40	100	0	22.65	-0.22	22.67	0.4648
				QPSK DFT-s-OFDM	1	1	1	0	22.47	-0.34	22.49	0.4459
					1	160	1	99	22.58	-0.15	22.60	0.4574
					81	40	100	0	22.63	-0.14	22.65	0.4627
531996	2659.98	26590	1905	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.54	-0.11	22.56	0.4533
					1	160	1	99	22.62	-0.16	22.64	0.4616
					81	40	100	0	22.63	-0.05	22.65	0.4627
				QPSK DFT-s-OFDM	1	1	1	0	22.47	-0.31	22.49	0.4459
					1	160	1	99	22.51	-0.29	22.53	0.4501
					81	40	100	0	22.55	-0.22	22.57	0.4542



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	22.57	-0.12	22.59	0.4564
					1	49	1	99	22.5	-0.16	22.52	0.4491
					25	12	100	0	22.66	-0.05	22.68	0.4659
				QPSK DFT-s-OFDM	1	1	1	0	22.52	-0.11	22.54	0.4512
					1	49	1	99	22.47	-0.13	22.49	0.4460
					25	12	100	0	22.57	-0.09	22.59	0.4564
518598	2592.99	26340	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.67	-0.16	22.69	0.4669
					1	49	1	99	22.71	-0.22	22.73	0.4712
					25	12	100	0	22.8	-0.21	22.82	0.4810
				QPSK DFT-s-OFDM	1	1	1	0	22.64	-0.16	22.66	0.4637
					1	49	1	99	22.6	-0.18	22.62	0.4595
					25	12	100	0	22.72	-0.05	22.74	0.4724
535998	2679.99	26590	1905	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.68	-0.16	22.70	0.4680
					1	49	1	99	22.52	-0.11	22.54	0.4512
					25	12	100	0	22.77	-0.13	22.79	0.4778
				QPSK DFT-s-OFDM	1	1	1	0	22.66	-0.14	22.68	0.4659
					1	49	1	99	22.49	-0.03	22.51	0.4482
					25	12	100	0	22.67	-0.15	22.69	0.4669



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	23.1	-0.59	23.12	0.5151
					1	271	1	99	22.82	-1.09	22.84	0.4828
					135	67	100	0	22.98	-0.87	23.00	0.5009
				QPSK DFT-s-OFDM	1	1	1	0	23.07	-0.75	23.09	0.5114
					1	271	1	99	22.79	-1.03	22.81	0.4795
					135	67	100	0	23.03	-0.78	23.05	0.5068
518598	2592.99	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.23	-1.03	23.25	0.5304
					1	271	1	99	23.07	-1.26	23.09	0.5112
					135	67	100	0	23.05	-1.12	23.07	0.5089
				QPSK DFT-s-OFDM	1	1	1	0	23.16	-1.15	23.18	0.5219
					1	271	1	99	23.05	-1.08	23.07	0.5089
					135	67	100	0	22.9	-1.01	22.92	0.4918
528000	2640	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.06	-0.94	23.08	0.5102
					1	271	1	99	22.91	-1.02	22.93	0.4929
					135	67	100	0	23.1	-0.55	23.12	0.5151
				QPSK DFT-s-OFDM	1	1	1	0	23.04	-1.09	23.06	0.5078
					1	271	1	99	22.89	-1	22.91	0.4906
					135	67	100	0	23.08	-0.92	23.10	0.5125



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	23.07	-1.05	23.09	0.5113
					1	160	1	99	23.01	-1.15	23.03	0.5043
					81	40	100	0	23.16	-0.94	23.18	0.5220
				QPSK DFT-s-OFDM	1	1	1	0	23.03	-1.04	23.05	0.5066
					1	160	1	99	22.97	-0.98	22.99	0.4997
					81	40	100	0	23.12	-1.09	23.14	0.5172
518598	2592.99	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.96	-1.15	22.98	0.4985
					1	160	1	99	23.14	-1.04	23.16	0.5196
					81	40	100	0	23.06	-1.09	23.08	0.5101
				QPSK DFT-s-OFDM	1	1	1	0	22.93	-1.14	22.95	0.4951
					1	160	1	99	23.12	-1.02	23.14	0.5172
					81	40	100	0	23.09	-1.13	23.11	0.5136
531996	2659.98	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.98	-0.91	23.00	0.5009
					1	160	1	99	22.78	-0.95	22.80	0.4784
					81	40	100	0	22.93	-1.04	22.95	0.4952
				QPSK DFT-s-OFDM	1	1	1	0	22.93	-1.01	22.95	0.4952
					1	160	1	99	22.73	-0.88	22.75	0.4730
					81	40	100	0	22.84	-0.97	22.86	0.4851



EN-DC_66A_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	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.11	-1.02	23.13	0.5160
					1	49	1	99	23.19	-0.92	23.21	0.5256
					25	12	100	0	23.19	-1.1	23.21	0.5256
				QPSK DFT-s-OFDM	1	1	1	0	22.95	-1.04	22.97	0.4974
					1	49	1	99	23.11	-0.98	23.13	0.5160
					25	12	100	0	23.14	-1.06	23.16	0.5196
518598	2592.99	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.04	-1.26	23.06	0.5077
					1	49	1	99	23.02	-1.11	23.04	0.5054
					25	12	100	0	23.13	-1.24	23.15	0.5183
				QPSK DFT-s-OFDM	1	1	1	0	23.01	-1.15	23.03	0.5043
					1	49	1	99	22.99	-1.16	23.01	0.5020
					25	12	100	0	23.1	-1.07	23.12	0.5148
535998	2679.99	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.9	-1.17	22.92	0.4917
					1	49	1	99	22.78	-1.05	22.80	0.4784
					25	12	100	0	22.97	-1.23	22.99	0.4996
				QPSK DFT-s-OFDM	1	1	1	0	22.87	-1.09	22.89	0.4884
					1	49	1	99	22.75	-1.02	22.77	0.4751
					25	12	100	0	22.78	-1.14	22.80	0.4784



EN-DC_5A_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	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.67	-0.38	23.69	0.5871
					1	104	1	49	23.64	-0.45	23.66	0.5830
					50	25	50	0	23.61	-0.28	23.63	0.5791
				QPSK DFT-s-OFDM	1	1	1	0	23.64	-0.37	23.66	0.5831
					1	104	1	49	23.58	-0.4	23.60	0.5751
					50	25	50	0	23.6	-0.29	23.62	0.5778
349000	1745	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.59	-0.55	23.61	0.5763
					1	104	1	49	23.75	-0.46	23.77	0.5979
					50	25	50	0	23.52	-0.41	23.54	0.5672
				QPSK DFT-s-OFDM	1	1	1	0	23.51	-0.45	23.53	0.5659
					1	104	1	49	23.62	-0.41	23.64	0.5804
					50	25	50	0	23.4	-0.35	23.42	0.5519
354000	1770	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.77	-0.36	23.79	0.6007
					1	104	1	49	23.84	-0.5	23.86	0.6104
					50	25	50	0	23.62	-0.44	23.64	0.5804
				QPSK DFT-s-OFDM	1	1	1	0	23.61	-0.66	23.63	0.5789
					1	104	1	49	23.68	-0.59	23.70	0.5883
					50	25	50	0	23.6	-0.55	23.62	0.5777



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	23.5	-0.42	23.52	0.5646
					1	50	1	49	23.47	-0.45	23.49	0.5607
					25	12	50	0	23.51	-0.29	23.53	0.5660
				QPSK DFT-s-OFDM	1	1	1	0	23.44	-0.36	23.46	0.5569
					1	50	1	49	23.4	-0.41	23.42	0.5518
					25	12	50	0	23.47	-0.29	23.49	0.5608
349000	1745	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.35	-0.42	23.37	0.5455
					1	50	1	49	23.4	-0.4	23.42	0.5518
					25	12	50	0	23.37	-0.32	23.39	0.5481
				QPSK DFT-s-OFDM	1	1	1	0	23.24	-0.46	23.26	0.5319
					1	50	1	49	23.34	-0.41	23.36	0.5443
					25	12	50	0	23.23	-0.29	23.25	0.5308
355000	1775	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.42	-0.5	23.44	0.5543
					1	50	1	49	23.4	-0.56	23.42	0.5517
					25	12	50	0	23.41	-0.41	23.43	0.5531
				QPSK DFT-s-OFDM	1	1	1	0	23.41	-0.55	23.43	0.5530
					1	50	1	49	23.31	-0.54	23.33	0.5405
					25	12	50	0	23.35	-0.36	23.37	0.5456



EN-DC_5A_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	20450	829	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.32	-0.46	23.34	0.5418
					1	23	1	49	23.36	-0.43	23.38	0.5468
					12	6	50	0	23.21	-0.2	23.23	0.5284
				QPSK DFT-s-OFDM	1	1	1	0	23.27	-0.36	23.29	0.5356
					1	23	1	49	23.22	-0.39	23.24	0.5295
					12	6	50	0	23.35	-0.29	23.37	0.5456
349000	1745	20525	836.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.34	-0.44	23.36	0.5443
					1	23	1	49	23.28	-0.4	23.30	0.5369
					12	6	50	0	23.28	-0.3	23.30	0.5369
				QPSK DFT-s-OFDM	1	1	1	0	23.25	-0.47	23.27	0.5331
					1	23	1	49	23.26	-0.51	23.28	0.5343
					12	6	50	0	23.17	-0.36	23.19	0.5235
355500	1777.5	20600	844	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.37	-0.5	23.39	0.5480
					1	23	1	49	23.31	-0.6	23.33	0.5405
					12	6	50	0	23.33	-0.55	23.35	0.5430
				QPSK DFT-s-OFDM	1	1	1	0	23.29	-0.61	23.31	0.5380
					1	23	1	49	23.27	-0.56	23.29	0.5355
					12	6	50	0	23.26	-0.44	23.28	0.5344



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	22.95	-0.46	22.97	0.4977
					1	104	1	49	22.98	-0.29	23.00	0.5012
					50	25	50	0	22.93	-0.26	22.95	0.4955
				QPSK DFT-s-OFDM	1	1	1	0	23	-0.53	23.02	0.5034
					1	104	1	49	22.93	-0.24	22.95	0.4956
					50	25	50	0	22.9	-0.23	22.92	0.4922
349000	1745	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.74	-0.32	23.76	0.5966
					1	104	1	49	23.83	-0.18	23.85	0.6091
					50	25	50	0	23.57	-0.11	23.59	0.5739
				QPSK DFT-s-OFDM	1	1	1	0	23.65	-0.35	23.67	0.5844
					1	104	1	49	23.66	-0.2	23.68	0.5858
					50	25	50	0	23.72	-0.16	23.74	0.5940
354000	1770	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.83	-0.25	23.85	0.6091
					1	104	1	49	23.72	-0.19	23.74	0.5940
					50	25	50	0	23.8	-0.12	23.82	0.6050
				QPSK DFT-s-OFDM	1	1	1	0	23.76	-0.3	23.78	0.5994
					1	104	1	49	23.59	-0.23	23.61	0.5765
					50	25	50	0	23.72	-0.22	23.74	0.5939



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	22.84	-0.36	22.86	0.4854
					1	50	1	49	22.85	-0.31	22.87	0.4865
					25	12	50	0	22.87	-0.29	22.89	0.4888
				QPSK DFT-s-OFDM	1	1	1	0	22.77	-0.42	22.79	0.4776
					1	50	1	49	22.78	-0.26	22.80	0.4788
					25	12	50	0	22.83	-0.27	22.85	0.4843
349000	1745	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.45	-0.21	23.47	0.5583
					1	50	1	49	23.5	-0.27	23.52	0.5647
					25	12	50	0	23.47	-0.11	23.49	0.5609
				QPSK DFT-s-OFDM	1	1	1	0	23.45	-0.23	23.47	0.5583
					1	50	1	49	23.42	-0.18	23.44	0.5545
					25	12	50	0	23.55	-0.17	23.57	0.5713
355000	1775	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.62	-0.22	23.64	0.5805
					1	50	1	49	23.59	-0.24	23.61	0.5765
					25	12	50	0	23.64	-0.13	23.66	0.5832
				QPSK DFT-s-OFDM	1	1	1	0	23.56	-0.27	23.58	0.5725
					1	50	1	49	23.42	-0.19	23.44	0.5545
					25	12	50	0	23.6	-0.1	23.62	0.5779



EN-DC_12A_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	23060	704	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.93	-0.57	22.95	0.4954
					1	23	1	49	22.82	-0.46	22.84	0.4831
					12	6	50	0	22.88	-0.42	22.90	0.4898
				QPSK DFT-s-OFDM	1	1	1	0	22.91	-0.5	22.93	0.4931
					1	23	1	49	22.78	-0.34	22.80	0.4788
					12	6	50	0	22.9	-0.45	22.92	0.4920
349000	1745	23095	707.5	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.33	-0.24	23.35	0.5431
					1	23	1	49	23.45	-0.14	23.47	0.5583
					12	6	50	0	23.32	-0.13	23.34	0.5419
				QPSK DFT-s-OFDM	1	1	1	0	23.32	-0.25	23.34	0.5419
					1	23	1	49	23.36	-0.14	23.38	0.5469
					12	6	50	0	23.47	-0.07	23.49	0.5609
355500	1777.5	23130	711	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.51	-0.27	23.53	0.5660
					1	23	1	49	23.42	-0.14	23.44	0.5545
					12	6	50	0	23.47	-0.05	23.49	0.5610
				QPSK DFT-s-OFDM	1	1	1	0	23.47	-0.25	23.49	0.5608
					1	23	1	49	23.37	-0.19	23.39	0.5482
					12	6	50	0	23.54	-0.21	23.56	0.5699



EN-DC_13A_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	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.23	-0.27	23.25	0.5308
					1	104	1	49	23.25	0.18	23.27	0.5335
					50	25	50	0	23	-0.26	23.02	0.5036
				QPSK DFT-s-OFDM	1	1	1	0	23.23	-0.27	23.25	0.5308
					1	104	1	49	23.13	0.14	23.15	0.5190
					50	25	50	0	23.1	-0.28	23.12	0.5152
349000	1745	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.4	-0.02	23.42	0.5520
					1	104	1	49	23.54	0.36	23.56	0.5703
					50	25	50	0	23.46	0.06	23.48	0.5597
				QPSK DFT-s-OFDM	1	1	1	0	23.24	-0.1	23.26	0.5321
					1	104	1	49	23.49	0.32	23.51	0.5638
					50	25	50	0	23.35	0.12	23.37	0.5458
354000	1770	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.37	-0.44	23.39	0.5480
					1	104	1	49	23.42	-0.21	23.44	0.5545
					50	25	50	0	23.23	-0.43	23.25	0.5307
				QPSK DFT-s-OFDM	1	1	1	0	23.52	-0.35	23.54	0.5673
					1	104	1	49	23.45	-0.16	23.47	0.5583
					50	25	50	0	23.3	-0.42	23.32	0.5393



EN-DC_13A_n66A												
Combination 10MHz+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)		
343000	1715	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.06	0.29	23.08	0.5108
					1	50	1	49	23.23	-0.43	23.25	0.5307
					25	12	50	0	23.28	0.24	23.30	0.5372
				QPSK DFT-s-OFDM	1	1	1	0	23.1	0.27	23.12	0.5155
					1	50	1	49	23	-0.36	23.02	0.5035
					25	12	50	0	23.02	0.26	23.04	0.5062
349000	1745	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.31	-0.31	23.33	0.5406
					1	50	1	49	23.44	-0.02	23.46	0.5571
					25	12	50	0	23.26	-0.33	23.28	0.5344
				QPSK DFT-s-OFDM	1	1	1	0	23.43	-0.27	23.45	0.5557
					1	50	1	49	23.2	-0.05	23.22	0.5273
					25	12	50	0	23.33	-0.25	23.35	0.5431
355000	1775	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.26	-0.32	23.28	0.5344
					1	50	1	49	23.27	0.06	23.29	0.5359
					25	12	50	0	23.17	-0.28	23.19	0.5235
				QPSK DFT-s-OFDM	1	1	1	0	23.37	-0.32	23.39	0.5481
					1	50	1	49	23.21	-0.09	23.23	0.5285
					25	12	50	0	23.29	-0.32	23.31	0.5381



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	23.1	-0.26	23.12	0.5152
					1	23	1	49	23.12	0.19	23.14	0.5179
					12	6	50	0	23.06	-0.19	23.08	0.5106
				QPSK DFT-s-OFDM	1	1	1	0	23.18	-0.26	23.20	0.5248
					1	23	1	49	23.03	0.12	23.05	0.5072
					12	6	50	0	23.01	-0.21	23.03	0.5047
349000	1745	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.35	-0.35	23.37	0.5456
					1	23	1	49	23.2	-0.06	23.22	0.5273
					12	6	50	0	23.37	-0.3	23.39	0.5481
				QPSK DFT-s-OFDM	1	1	1	0	23.37	-0.31	23.39	0.5481
					1	23	1	49	23.3	-0.06	23.32	0.5395
					12	6	50	0	23.32	-0.3	23.34	0.5419
355500	1777.5	23230	782	PI/2 BPSK DFT-s-OFDM	1	1	1	0	23.34	0.38	23.36	0.5447
					1	23	1	49	23.35	-0.13	23.37	0.5457
					12	6	50	0	23.2	-0.34	23.22	0.5271
				QPSK DFT-s-OFDM	1	1	1	0	23.39	-0.42	23.41	0.5506
					1	23	1	49	23.3	-0.07	23.32	0.5395
					12	6	50	0	23.28	-0.37	23.30	0.5369



EN-DC_2A_n71A												
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)	
134600	673	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.31	0.2	22.34	0.1654
					1	104	1	99	22.46	0.18	22.49	0.1712
					50	25	100	0	22.14	0.22	22.17	0.1591
				QPSK DFT-s-OFDM	1	1	1	0	22.29	0.22	22.32	0.1647
					1	104	1	99	22.3	0.21	22.33	0.1651
					50	25	100	0	22.23	0.23	22.26	0.1625
136100	680.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.27	0.22	22.30	0.1639
					1	104	1	99	22.49	0.16	22.52	0.1724
					50	25	100	0	22.28	0.19	22.31	0.1643
				QPSK DFT-s-OFDM	1	1	1	0	22.1	0.2	22.13	0.1577
					1	104	1	99	22.41	0.21	22.44	0.1693
					50	25	100	0	22.48	0.3	22.51	0.1720
137600	688	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.46	0.24	22.49	0.1712
					1	104	1	99	22.44	0.19	22.47	0.1704
					50	25	100	0	22.55	0.2	22.58	0.1748
				QPSK DFT-s-OFDM	1	1	1	0	22.42	0.22	22.45	0.1697
					1	104	1	99	22.39	0.17	22.42	0.1685
					50	25	100	0	22.46	0.16	22.49	0.1712



EN-DC_2A_n71A												
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)	
133600	668	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22	0.3	22.03	0.1541
					1	50	1	99	21.91	0.31	21.94	0.1510
					25	12	100	0	22.02	0.28	22.05	0.1548
				QPSK DFT-s-OFDM	1	1	1	0	21.95	0.24	21.98	0.1524
					1	50	1	99	21.82	0.31	21.85	0.1479
					25	12	100	0	21.96	0.22	21.99	0.1527
136100	680.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.94	0.21	21.97	0.1520
					1	50	1	99	22.12	0.18	22.15	0.1584
					25	12	100	0	22.13	0.16	22.16	0.1588
				QPSK DFT-s-OFDM	1	1	1	0	21.8	0.2	21.83	0.1472
					1	50	1	99	21.98	0.3	22.01	0.1534
					25	12	100	0	22.06	0.22	22.09	0.1563
138600	693	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.26	0.23	22.29	0.1636
					1	50	1	99	22.02	0.19	22.05	0.1548
					25	12	100	0	22.19	0.17	22.22	0.1610
				QPSK DFT-s-OFDM	1	1	1	0	22.13	0.18	22.16	0.1588
					1	50	1	99	21.98	0.2	22.01	0.1534
					25	12	100	0	22.19	0.22	22.22	0.1610



EN-DC_2A_n71A												
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)	
133100	665.5	18700	1860	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.3	0.19	22.33	0.1651
					1	23	1	99	22.05	0.22	22.08	0.1559
					12	6	100	0	22.04	0.16	22.07	0.1555
				QPSK DFT-s-OFDM	1	1	1	0	22.12	0.19	22.15	0.1584
					1	23	1	99	21.99	0.2	22.02	0.1538
					12	6	100	0	22.1	0.21	22.13	0.1577
136100	680.5	18900	1880	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.19	0.18	22.22	0.161
					1	23	1	99	22.08	0.19	22.11	0.157
					12	6	100	0	22.06	0.2	22.09	0.1563
				QPSK DFT-s-OFDM	1	1	1	0	22.12	0.22	22.15	0.1584
					1	23	1	99	22.01	0.17	22.04	0.1545
					12	6	100	0	22.15	0.19	22.18	0.1595
139100	695.5	19100	1900	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.29	0.2	22.32	0.1647
					1	23	1	99	22.08	0.21	22.11	0.157
					12	6	100	0	22.08	0.19	22.11	0.157
				QPSK DFT-s-OFDM	1	1	1	0	22.22	0.18	22.25	0.1621
					1	23	1	99	22	0.2	22.03	0.1541
					12	6	100	0	22.24	0.17	22.27	0.1628



EN-DC_7A_n71A												
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)	
134600	673	20850	2510	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.51	0.12	22.53	0.1732
					1	104	1	99	22.4	0.02	22.43	0.1689
					50	25	100	0	22.2	0.17	22.23	0.1613
				QPSK DFT-s-OFDM	1	1	1	0	22.47	0.16	22.50	0.1716
					1	104	1	99	22.27	0.07	22.30	0.1639
					50	25	100	0	22.32	0.18	22.35	0.1658
136100	680.5	21100	2535	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.29	0.02	22.32	0.1647
					1	104	1	99	22.43	0.06	22.46	0.1700
					50	25	100	0	22.42	0.01	22.44	0.1696
				QPSK DFT-s-OFDM	1	1	1	0	22.2	0.02	22.23	0.1613
					1	104	1	99	22.38	0.09	22.41	0.1681
					50	25	100	0	22.43	0.08	22.46	0.1700
137600	688	21350	2560	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.56	0.1	22.58	0.1752
					1	104	1	99	22.44	0.12	22.47	0.1704
					50	25	100	0	22.57	0.18	22.59	0.1756
				QPSK DFT-s-OFDM	1	1	1	0	22.37	0.15	22.40	0.1677
					1	104	1	99	22.29	0.11	22.32	0.1647
					50	25	100	0	22.64	0.2	22.66	0.1784



EN-DC_7A_n71A												
Combination 10MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
133600	668	20850	2510	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.39	0.08	22.42	0.1685
					1	50	1	99	22.14	0.01	22.17	0.1591
					25	12	100	0	22.22	0.17	22.25	0.1621
				QPSK DFT-s-OFDM	1	1	1	0	22.24	0.1	22.27	0.1628
					1	50	1	99	22.02	0.04	22.05	0.1548
					25	12	100	0	22.28	0.17	22.31	0.1643
136100	680.5	21100	2535	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.11	0.04	22.14	0.1580
					1	50	1	99	22.23	0.07	22.26	0.1624
					25	12	100	0	22.19	0.12	22.22	0.1609
				QPSK DFT-s-OFDM	1	1	1	0	22.07	0.13	22.10	0.1566
					1	50	1	99	22.08	0.06	22.11	0.1569
					25	12	100	0	22.26	0.12	22.29	0.1635
138600	693	21350	2560	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.32	0.16	22.35	0.1658
					1	50	1	99	22.02	0.14	22.05	0.1548
					25	12	100	0	22.23	0.22	22.26	0.1625
				QPSK DFT-s-OFDM	1	1	1	0	22.16	0.07	22.19	0.1598
					1	50	1	99	21.97	0.13	22.00	0.1531
					25	12	100	0	22.23	0.21	22.26	0.1624



EN-DC_7A_n71A												
Combination 5MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total Measured Power (dBm)	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)		
133100	665.5	20850	2510	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.51	0.21	22.54	0.1732
					1	23	1	99	22.18	0.01	22.21	0.1606
					12	6	100	0	22.27	0.15	22.30	0.1639
				QPSK DFT-s-OFDM	1	1	1	0	22.45	0.11	22.48	0.1708
					1	23	1	99	22.12	0.12	22.15	0.1584
					12	6	100	0	22.3	0.16	22.33	0.1651
136100	680.5	21100	2535	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.23	0.02	22.26	0.1624
					1	23	1	99	22.1	0.1	22.13	0.1577
					12	6	100	0	22.13	0.05	22.16	0.1587
				QPSK DFT-s-OFDM	1	1	1	0	22.15	0.07	22.18	0.1595
					1	23	1	99	22.03	0.01	22.06	0.1551
					12	6	100	0	22.17	0.1	22.20	0.1602
139100	695.5	21350	2560	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.36	0.05	22.39	0.1673
					1	23	1	99	22.18	0.06	22.21	0.1606
					12	6	100	0	22.15	0.2	22.18	0.1595
				QPSK DFT-s-OFDM	1	1	1	0	22.3	0.03	22.33	0.1650
					1	23	1	99	22.01	0.01	22.04	0.1544
					12	6	100	0	22.23	0.17	22.26	0.1624



EN-DC_66A_n71A												
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)	
134600	673	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.54	0.28	22.57	0.1744
					1	104	1	99	22.47	0.39	22.50	0.1717
					50	25	100	0	22.23	0.37	22.26	0.1625
				QPSK DFT-s-OFDM	1	1	1	0	22.35	0.26	22.38	0.167
					1	104	1	99	22.41	0.35	22.44	0.1693
					50	25	100	0	22.37	0.45	22.40	0.1678
136100	680.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.35	0.2	22.38	0.167
					1	104	1	99	22.58	0.4	22.61	0.176
					50	25	100	0	22.5	0.39	22.53	0.1728
				QPSK DFT-s-OFDM	1	1	1	0	22.3	0.32	22.33	0.1651
					1	104	1	99	22.51	0.3	22.54	0.1732
					50	25	100	0	22.59	0.44	22.62	0.1765
137600	688	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.55	0.27	22.58	0.1748
					1	104	1	99	22.52	0.16	22.55	0.1736
					50	25	100	0	22.67	0.29	22.70	0.1797
				QPSK DFT-s-OFDM	1	1	1	0	22.5	0.29	22.53	0.1728
					1	104	1	99	22.46	0.12	22.49	0.1712
					50	25	100	0	22.71	0.28	22.73	0.1813



EN-DC_66A_n71A												
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)	
133600	668	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	21.95	0.28	21.98	0.1524
					1	50	1	99	22.04	0.32	22.07	0.1556
					25	12	100	0	22.1	0.37	22.13	0.1577
				QPSK DFT-s-OFDM	1	1	1	0	21.88	0.25	21.91	0.15
					1	50	1	99	21.98	0.4	22.01	0.1535
					25	12	100	0	22.12	0.36	22.15	0.1584
136100	680.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.04	0.3	22.07	0.1556
					1	50	1	99	22.1	0.4	22.13	0.1577
					25	12	100	0	22.1	0.29	22.13	0.1577
				QPSK DFT-s-OFDM	1	1	1	0	21.99	0.3	22.02	0.1538
					1	50	1	99	22.2	0.35	22.23	0.1614
					25	12	100	0	22.15	0.42	22.18	0.1596
138600	693	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.27	0.2	22.30	0.1639
					1	50	1	99	22	0.16	22.03	0.1541
					25	12	100	0	22.18	0.27	22.21	0.1606
				QPSK DFT-s-OFDM	1	1	1	0	22.13	0.3	22.16	0.1588
					1	50	1	99	21.93	0.15	21.96	0.1517
					25	12	100	0	22.18	0.22	22.21	0.1606

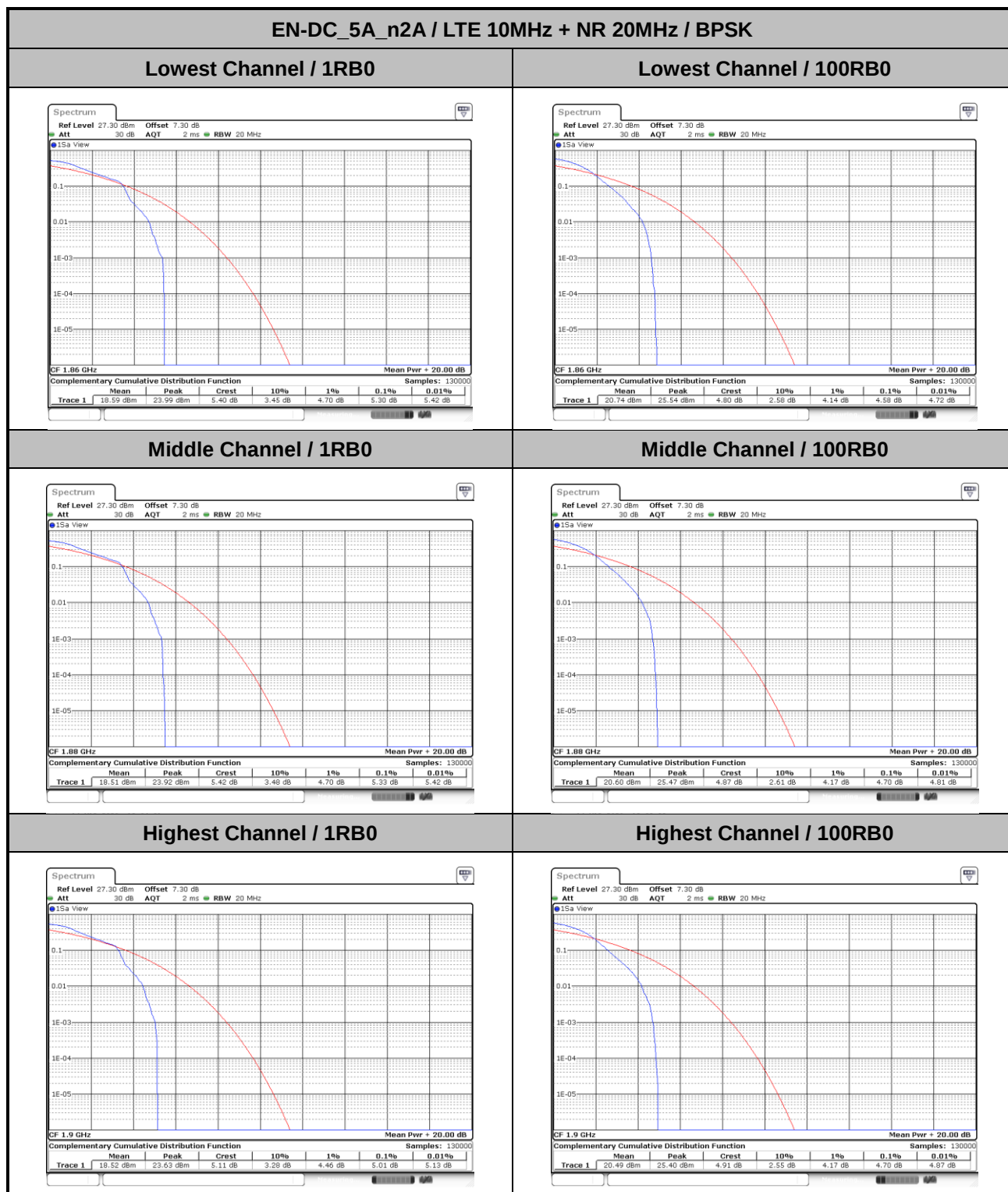


EN-DC_66A_n71A												
Combination 5MHz+20MHz(LTE)												
NR Channel	NR Freq.	LTE Channel	LTE Freq.	Modulation	NR		LTE		NR	LTE	Total	ERP (W)
					RB Size	RB offset	RB Size	RB offset	Measured Power (dBm)	Measured Power (dBm)	Measured Power (dBm)	
133100	665.5	132072	1720	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.35	0.26	22.38	0.167
					1	23	1	99	22.05	0.28	22.08	0.1559
					12	6	100	0	22.14	0.35	22.17	0.1592
				QPSK DFT-s-OFDM	1	1	1	0	22.16	0.29	22.19	0.1599
					1	23	1	99	21.98	0.32	22.01	0.1534
					12	6	100	0	22.24	0.34	22.27	0.1629
136100	680.5	132322	1745	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.23	0.22	22.26	0.1625
					1	23	1	99	22.05	0.35	22.08	0.1559
					12	6	100	0	22.1	0.36	22.13	0.1577
				QPSK DFT-s-OFDM	1	1	1	0	22.05	0.4	22.08	0.1559
					1	23	1	99	21.97	0.3	22.00	0.1531
					12	6	100	0	22.17	0.38	22.20	0.1603
139100	695.5	132572	1770	PI/2 BPSK DFT-s-OFDM	1	1	1	0	22.3	0.15	22.33	0.1651
					1	23	1	99	22.06	0.12	22.09	0.1562
					12	6	100	0	22.07	0.18	22.10	0.1566
				QPSK DFT-s-OFDM	1	1	1	0	22.21	0.17	22.24	0.1617
					1	23	1	99	22.24	0.15	22.27	0.1628
					12	6	100	0	22.23	0.25	22.26	0.1625



5G NR n2

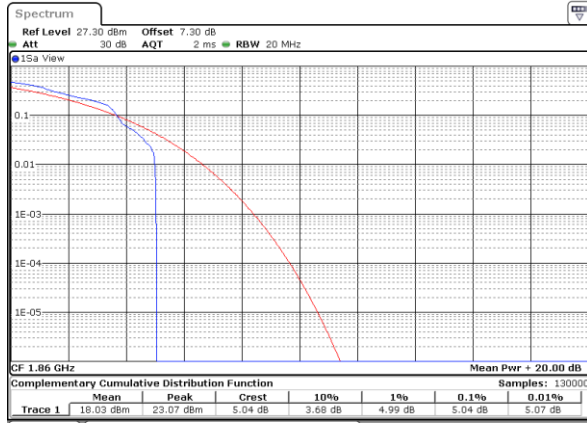
Peak-to-Average Ratio



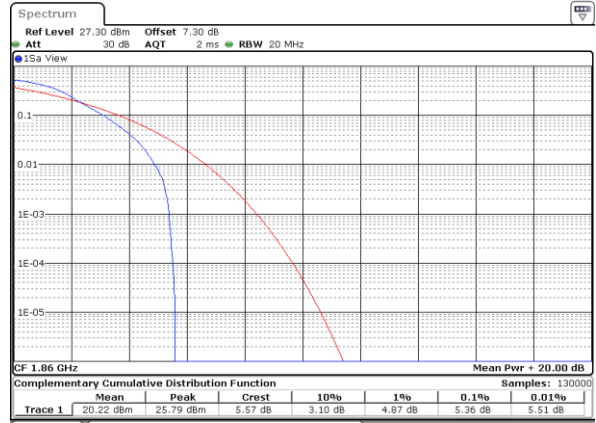


EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / QPSK

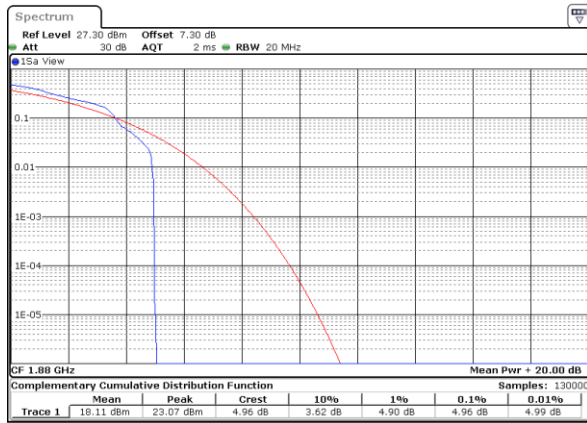
Lowest Channel / 1RB0



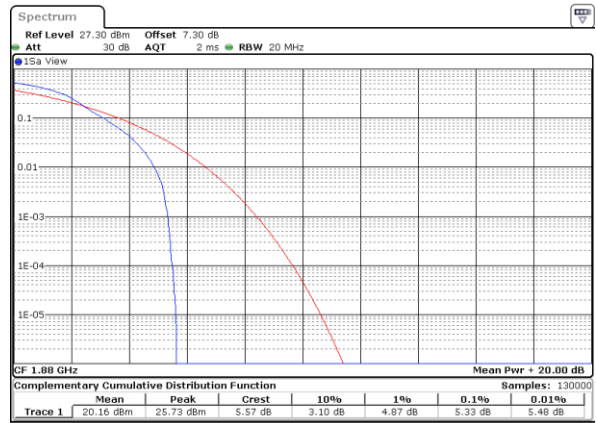
Lowest Channel / 100RB0



Middle Channel / 1RB0



Middle Channel / 100RB0



Highest Channel / 1RB0



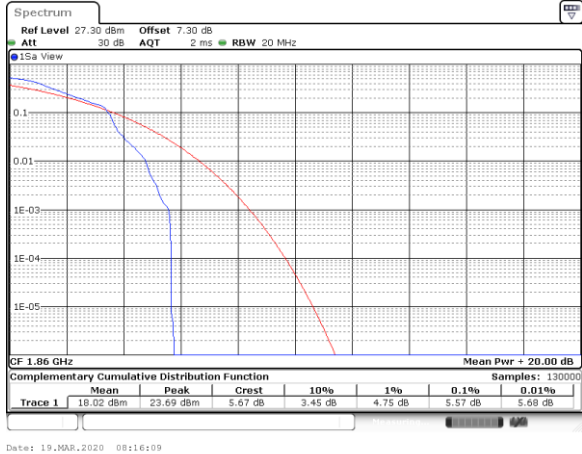
Highest Channel / 100RB0



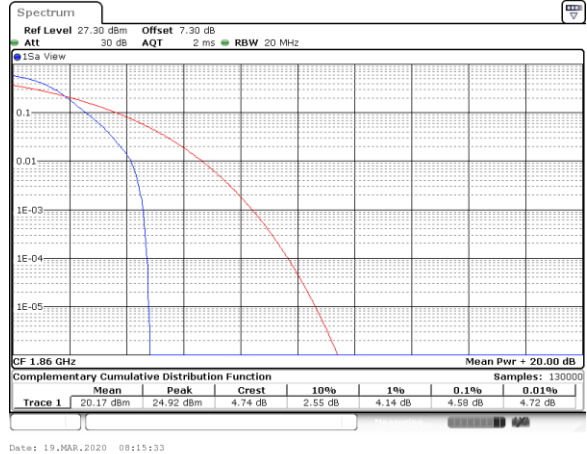


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / BPSK

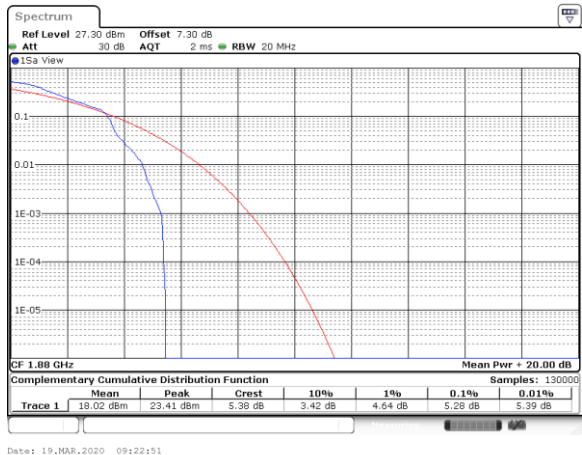
Lowest Channel / 1RB0



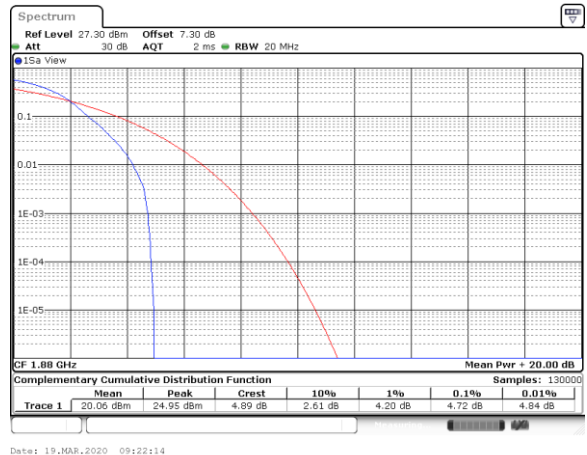
Lowest Channel / 100RB0



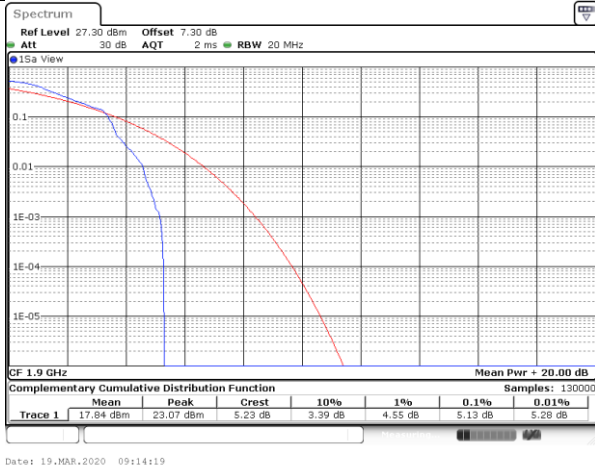
Middle Channel / 1RB0



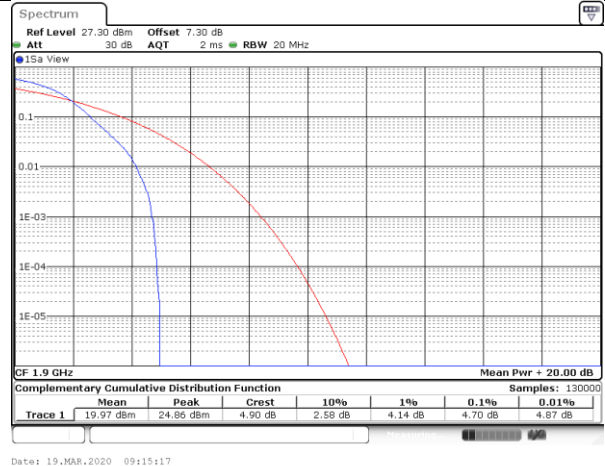
Middle Channel / 100RB0



Highest Channel / 1RB0



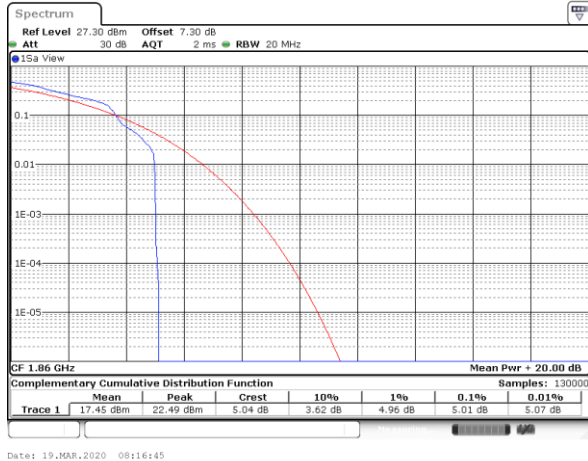
Highest Channel / 100RB0



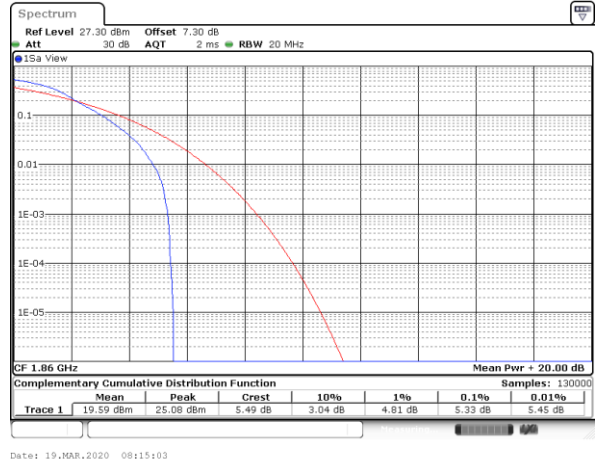


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / QPSK

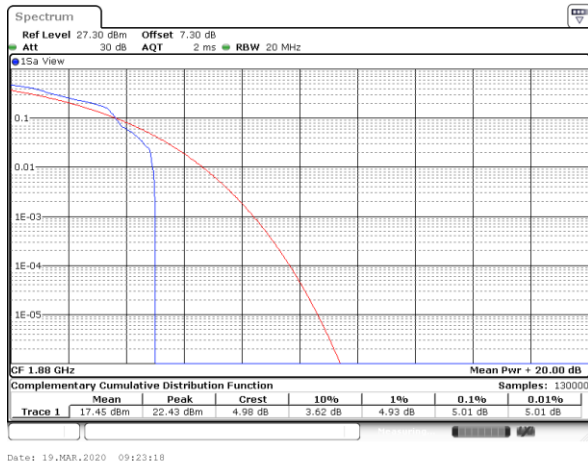
Lowest Channel / 1RB0



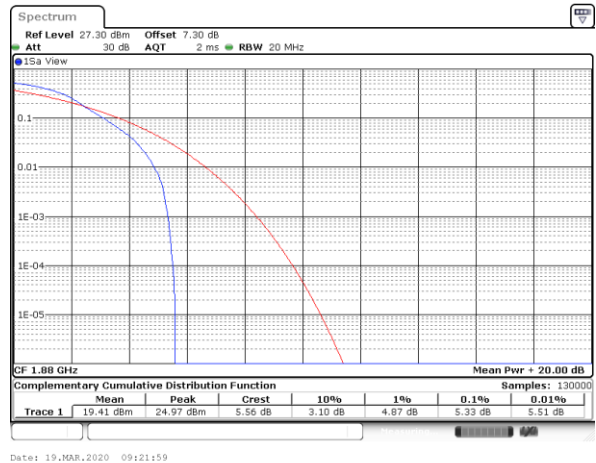
Lowest Channel / 100RB0



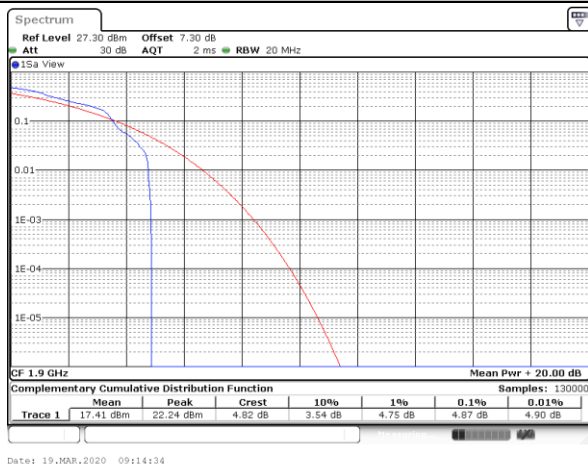
Middle Channel / 1RB0



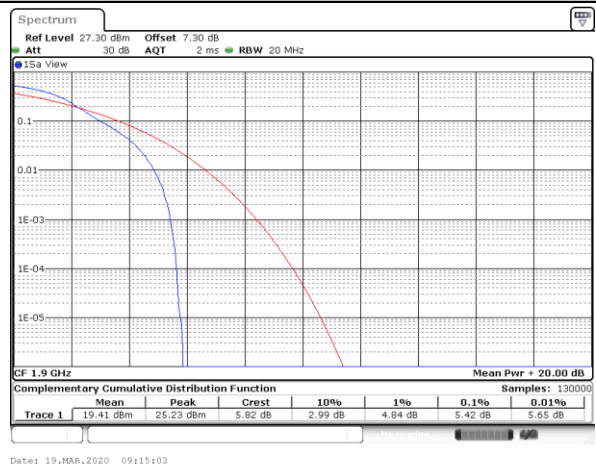
Middle Channel / 100RB0

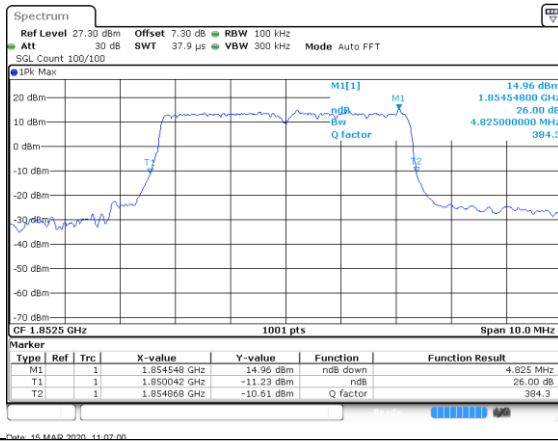
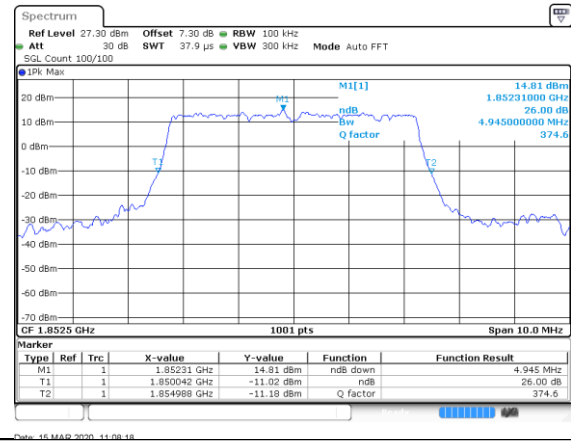
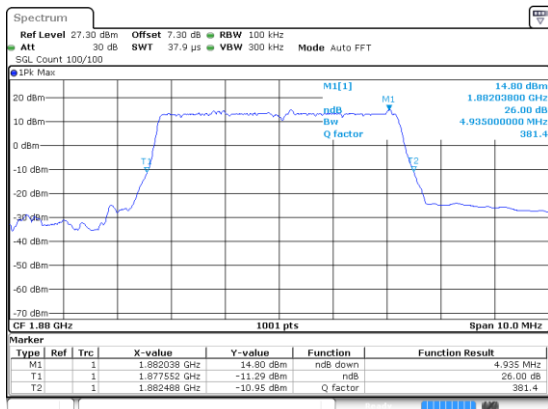
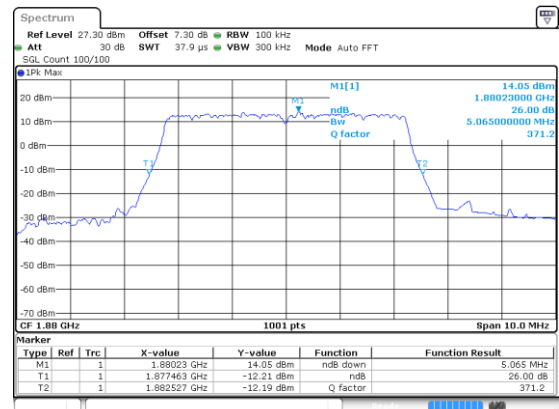
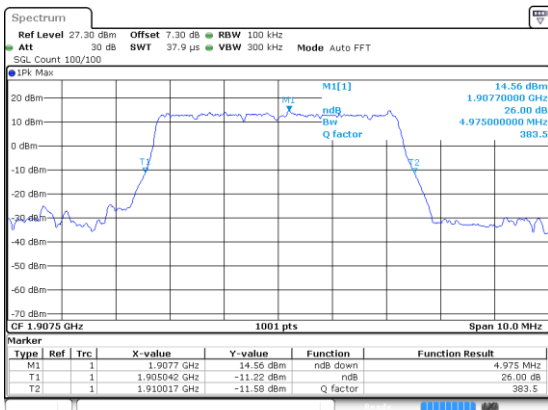
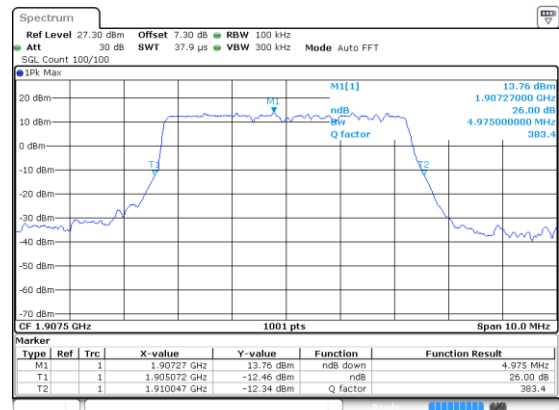


Highest Channel / 1RB0



Highest Channel / 100RB0



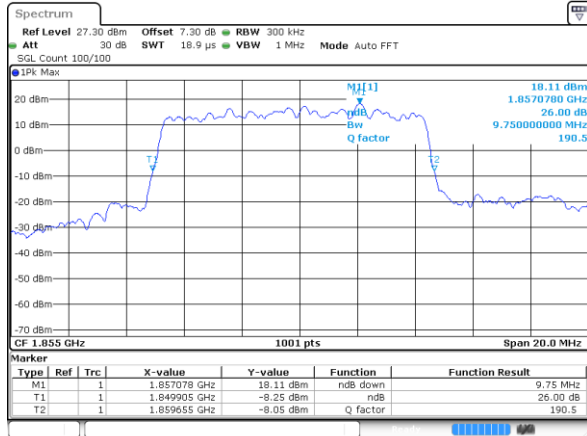
**26dB Bandwidth****EN-DC_5A_n2A****Combination LTE 10MHz + NR 5MHz****Lowest Channel / BPSK****Lowest Channel / QPSK****Middle Channel / BPSK****Middle Channel / QPSK****Highest Channel / BPSK****Highest Channel / QPSK**



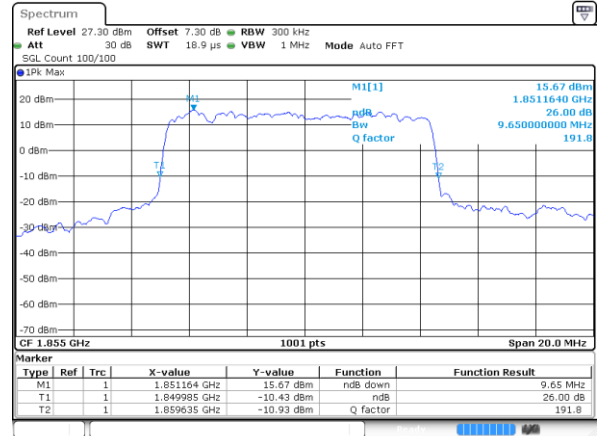
EN-DC_5A_n2A

Combination LTE 10MHz + NR 10MHz

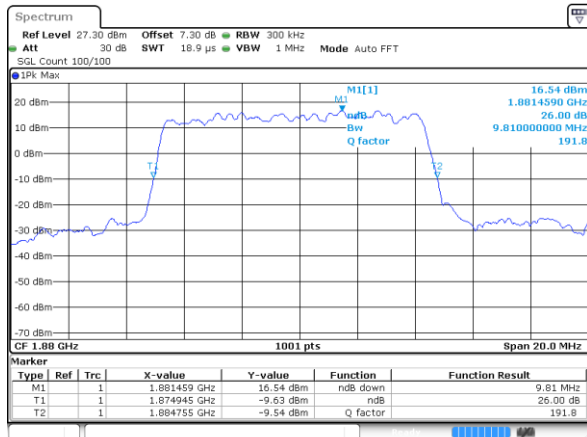
Lowest Channel / BPSK



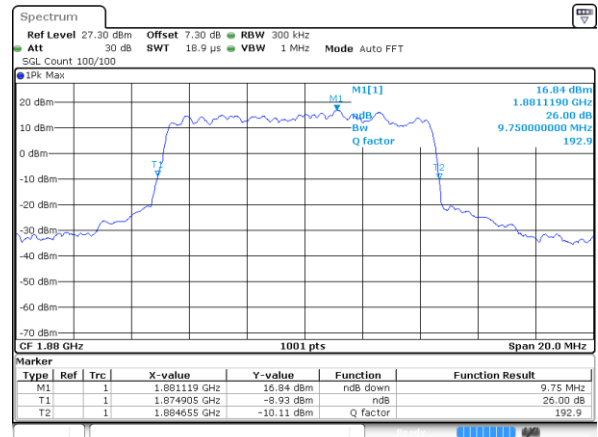
Lowest Channel / QPSK



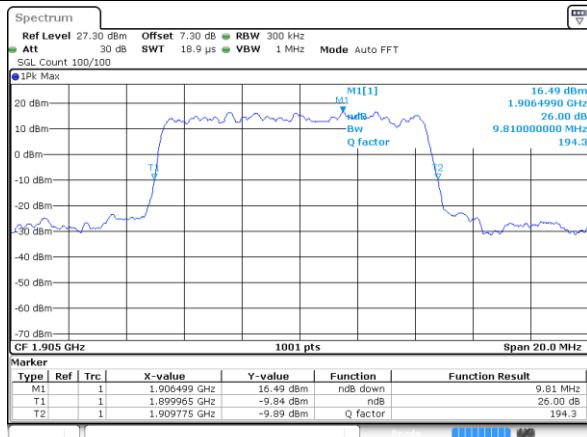
Middle Channel / BPSK



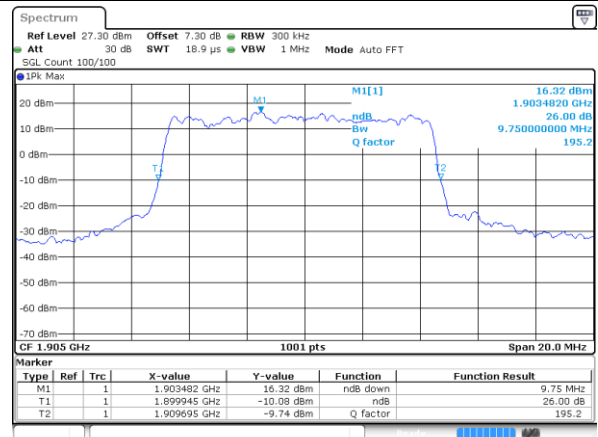
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

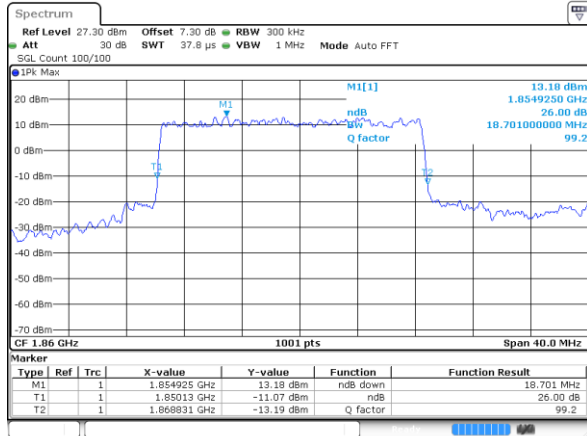




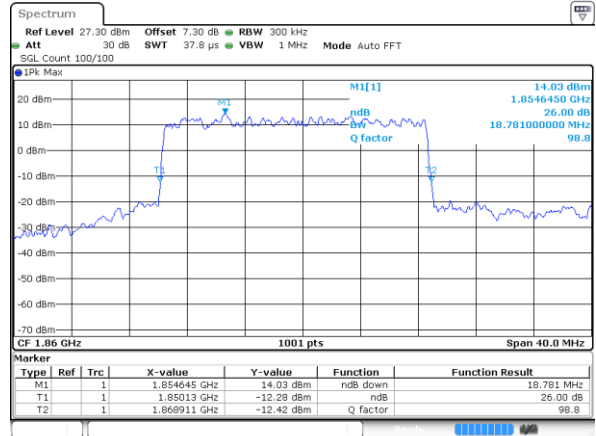
EN-DC_5A_n2A

Combination LTE 10MHz + NR 20MHz

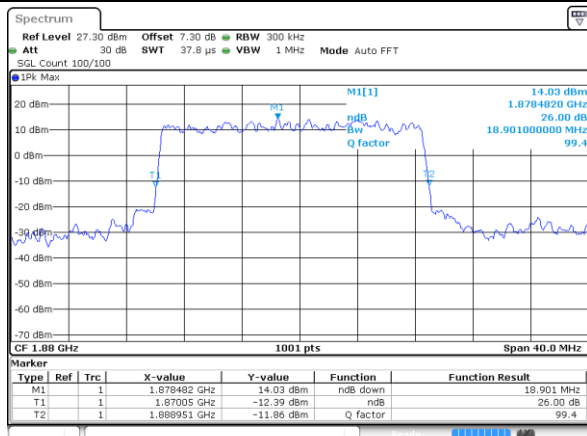
Lowest Channel / BPSK



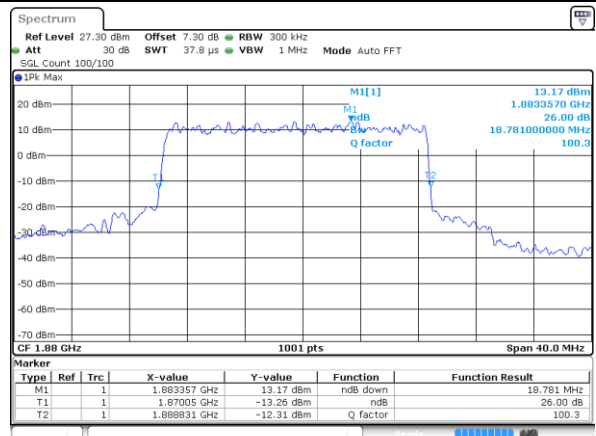
Lowest Channel / QPSK



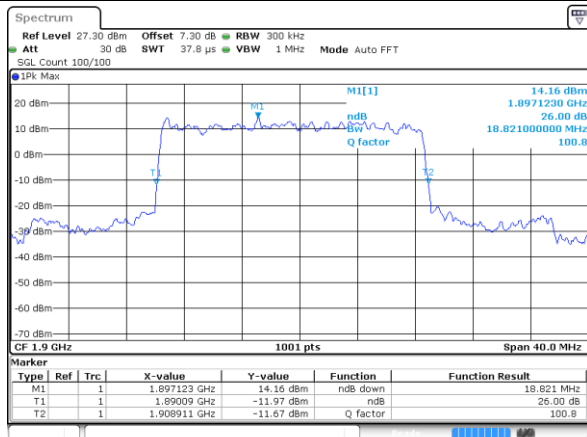
Middle Channel / BPSK



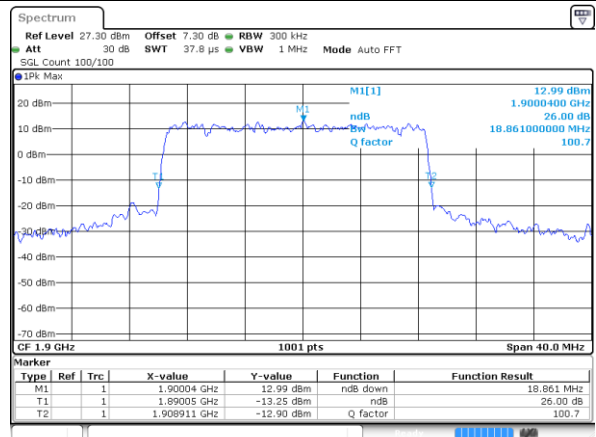
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

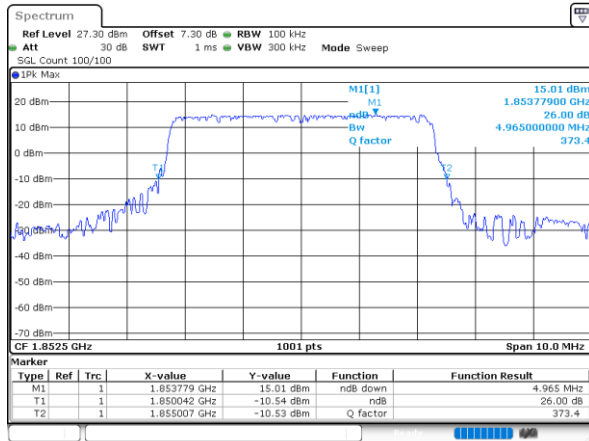




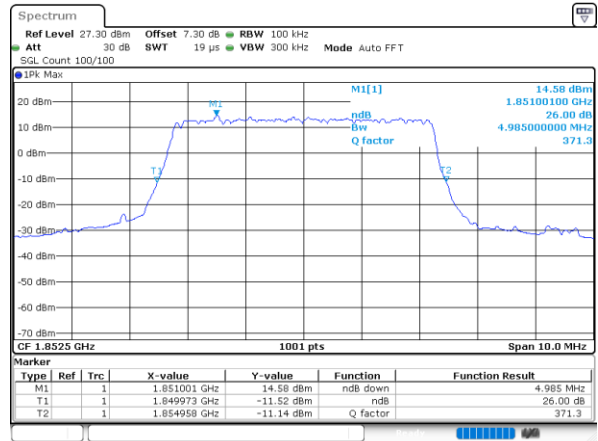
EN-DC_12A_n2A

Combination LTE 10MHz + NR 5MHz

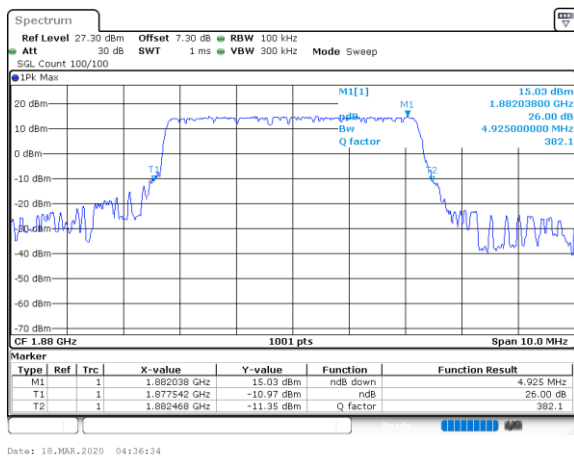
Lowest Channel / BPSK



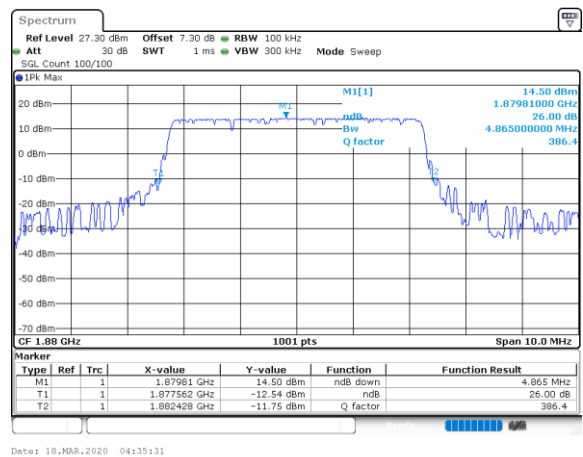
Lowest Channel / QPSK



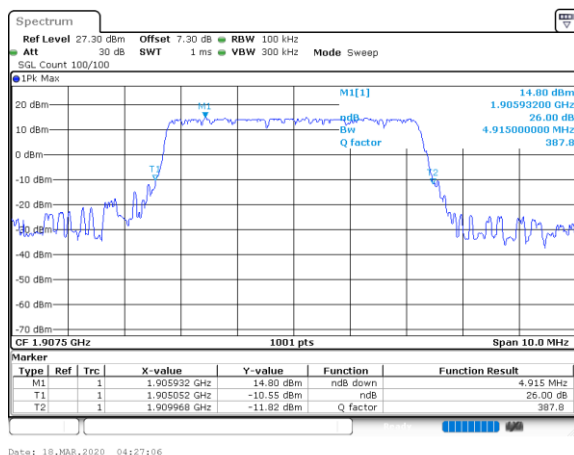
Middle Channel / BPSK



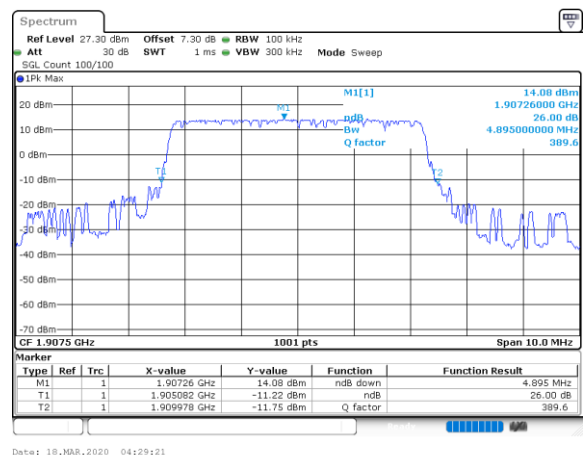
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

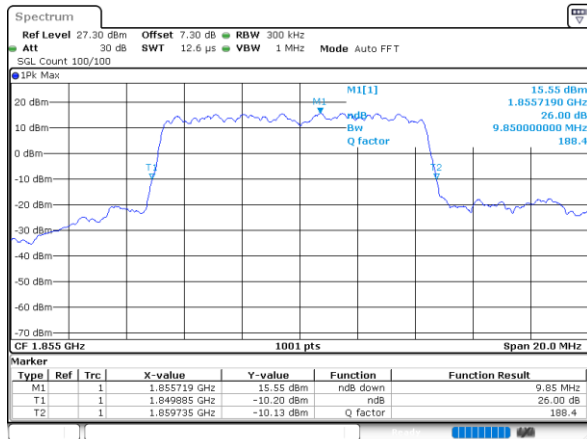




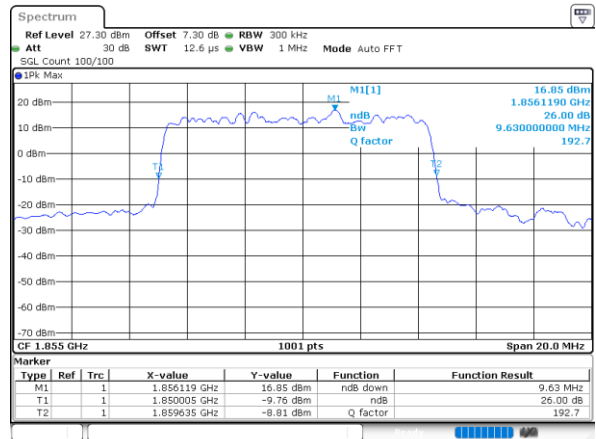
EN-DC_12A_n2A

Combination LTE 10MHz + NR 10MHz

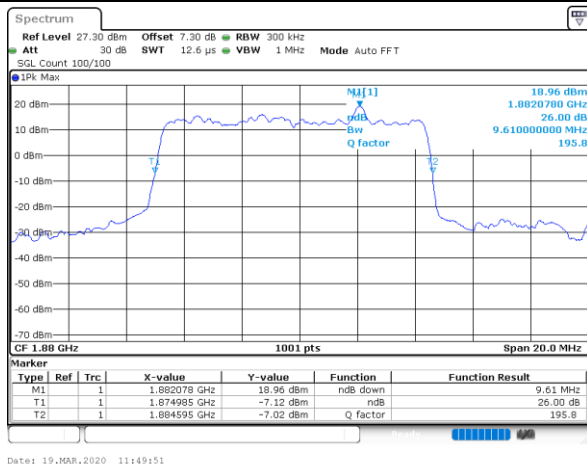
Lowest Channel / BPSK



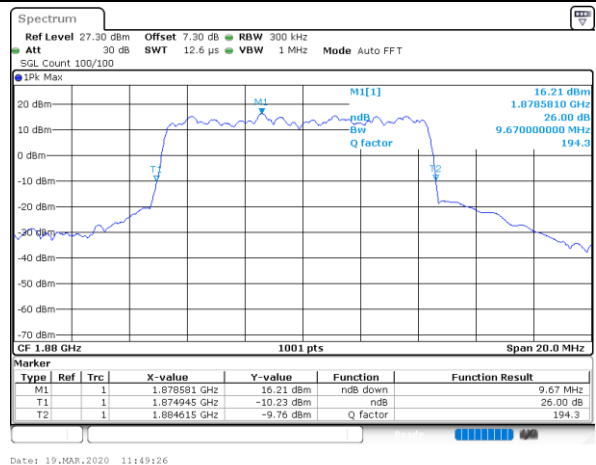
Lowest Channel / QPSK



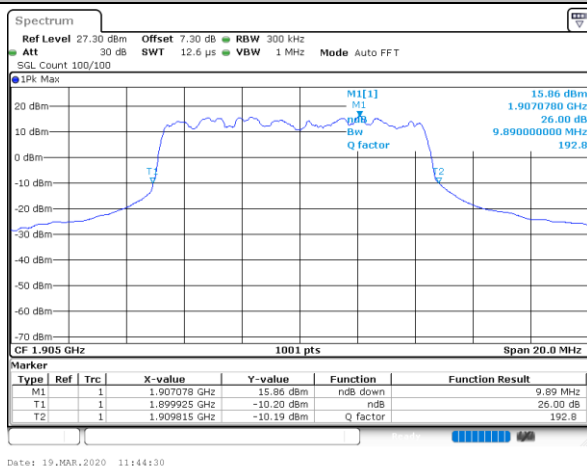
Middle Channel / BPSK



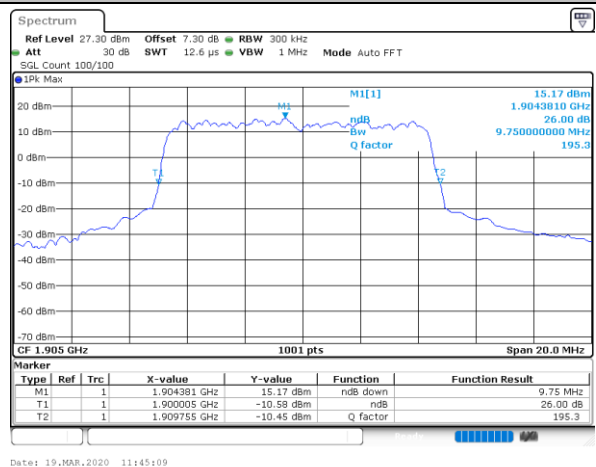
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

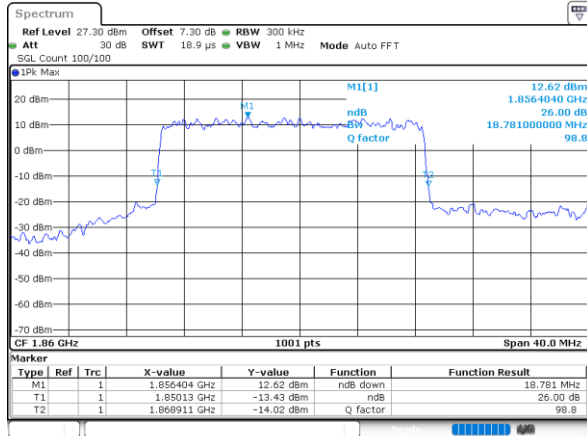




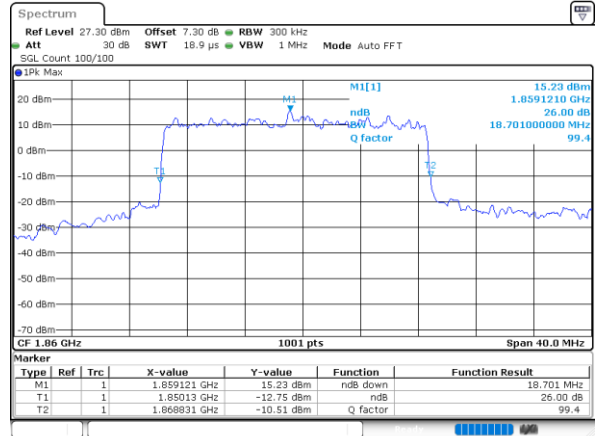
EN-DC_12A_n2A

Combination LTE 10MHz + NR 20MHz

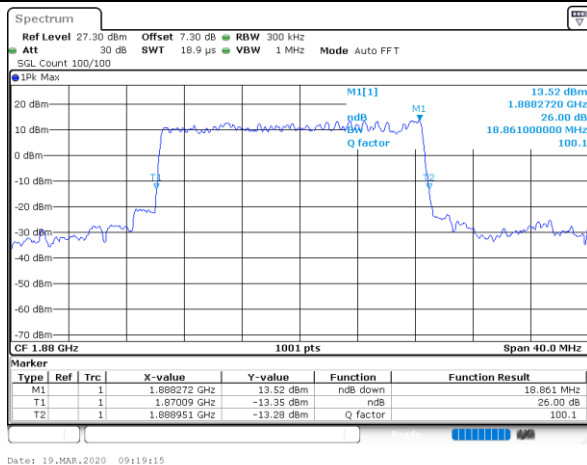
Lowest Channel / BPSK



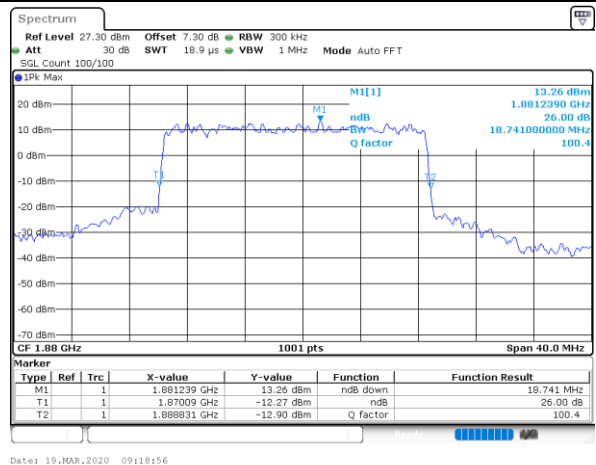
Lowest Channel / QPSK



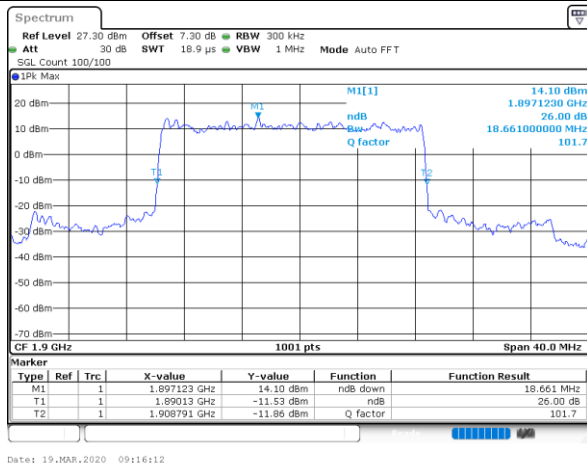
Middle Channel / BPSK



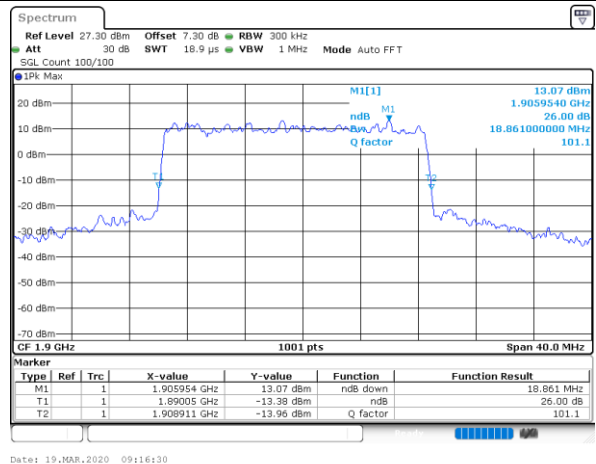
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

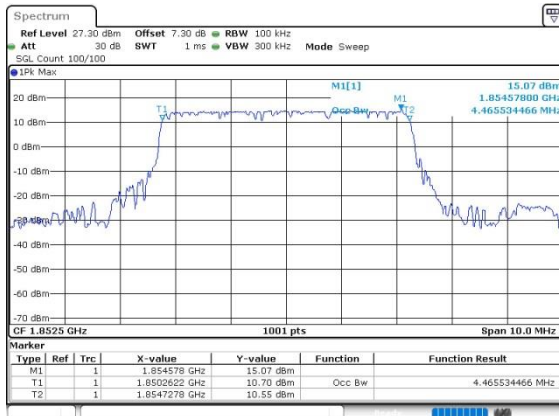


Occupied Bandwidth

EN-DC_5A_n2A

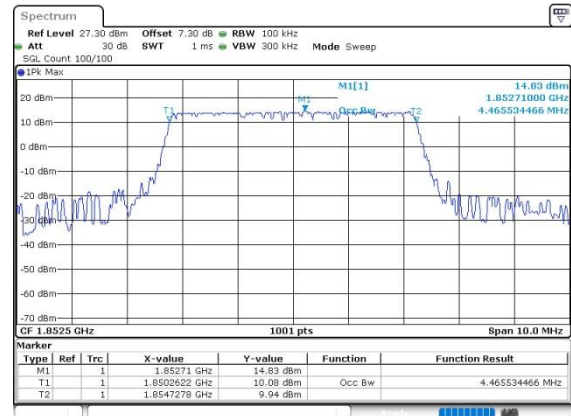
Combination LTE 10MHz + NR 5MHz

Lowest Channel / BPSK



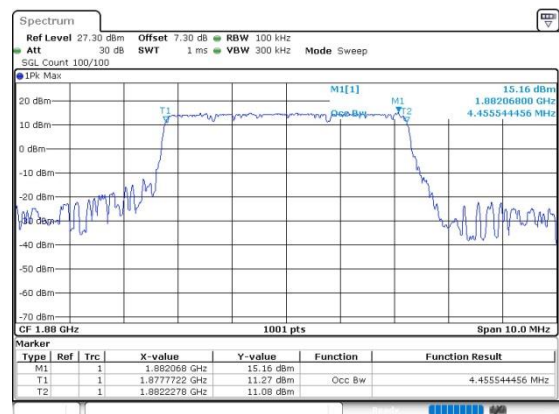
Date: 18.MAR.2020 03:14:37

Lowest Channel / QPSK

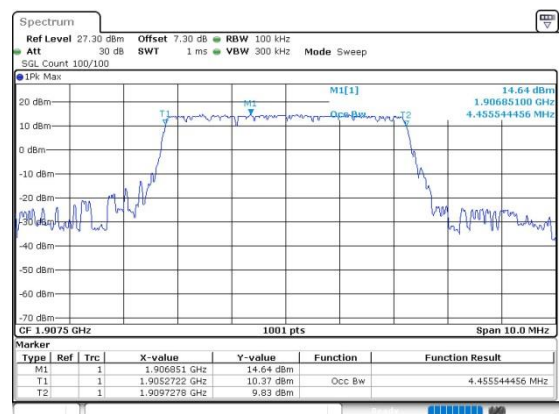


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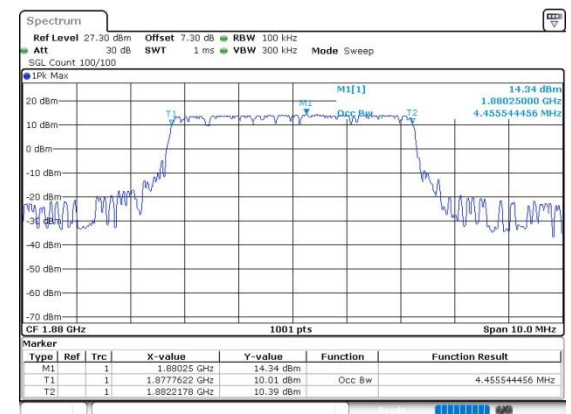
Middle Channel / BPSK



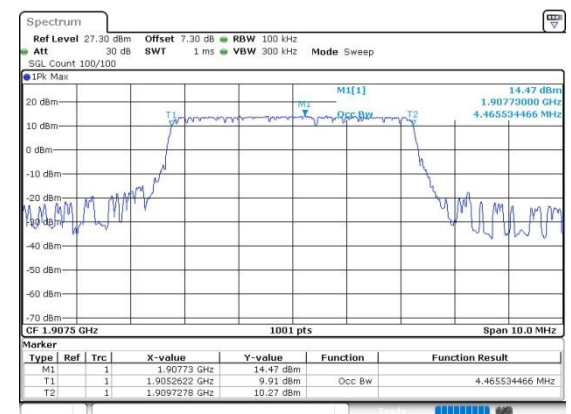
Highest Channel / BPSK



Middle Channel / QPSK



Highest Channel / QPSK

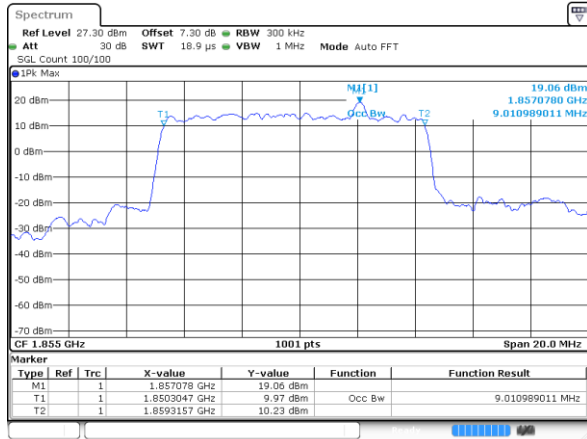




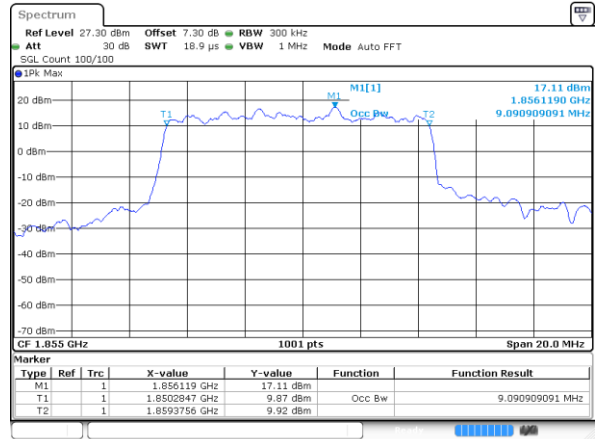
EN-DC_5A_n2A

Combination LTE 10MHz + NR 10MHz

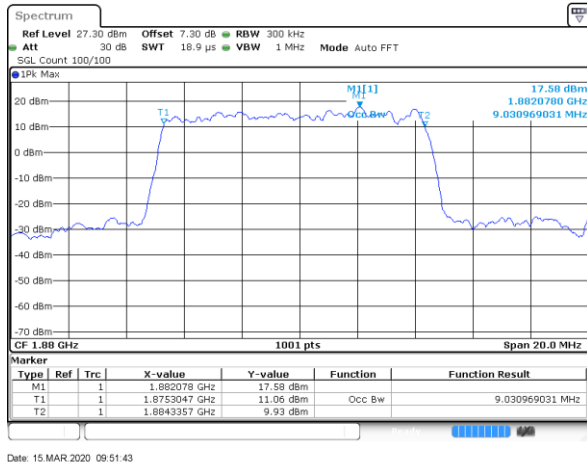
Lowest Channel / BPSK



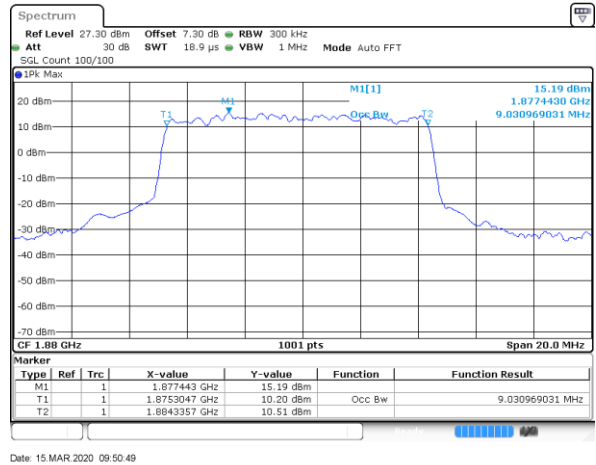
Lowest Channel / QPSK



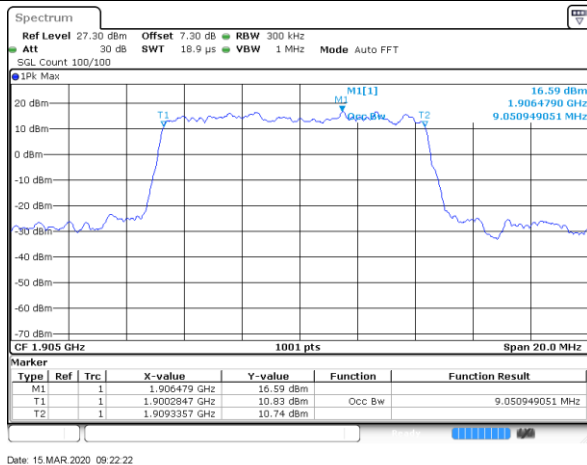
Middle Channel / BPSK



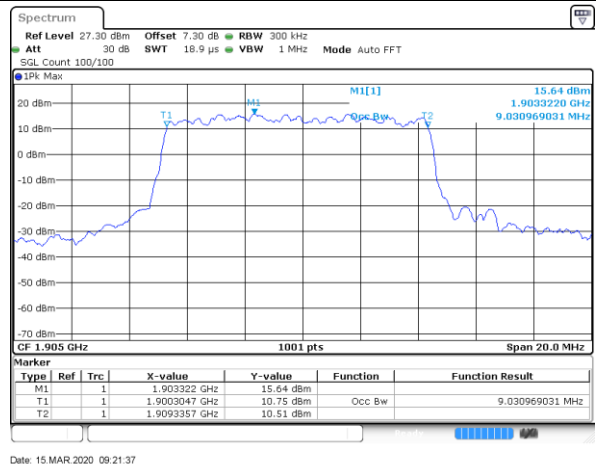
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

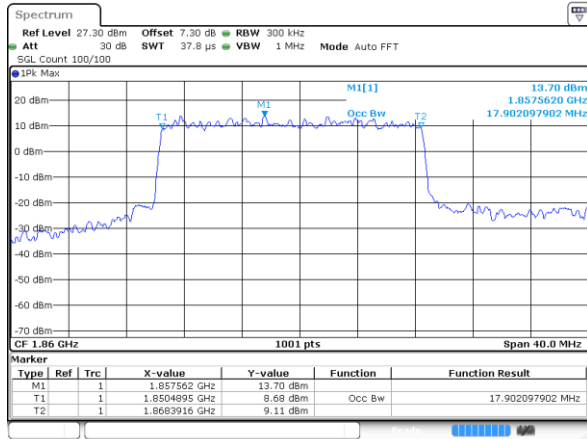




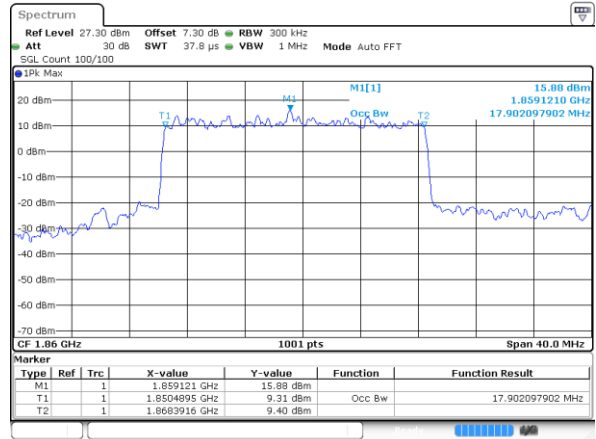
EN-DC_5A_n2A

Combination LTE 10MHz + NR 20MHz

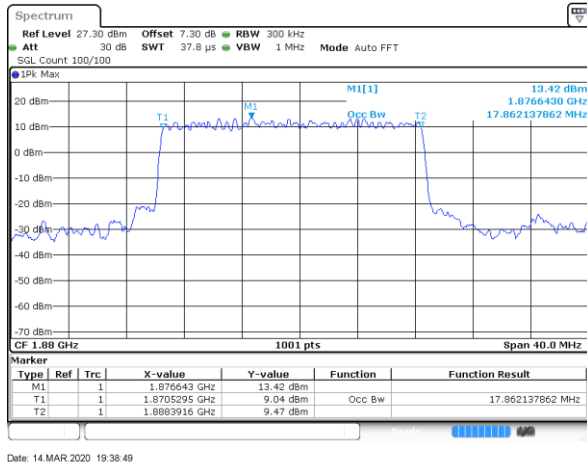
Lowest Channel / BPSK



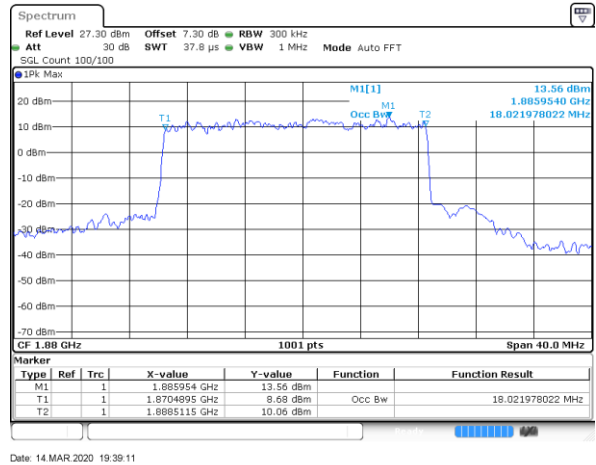
Lowest Channel / QPSK



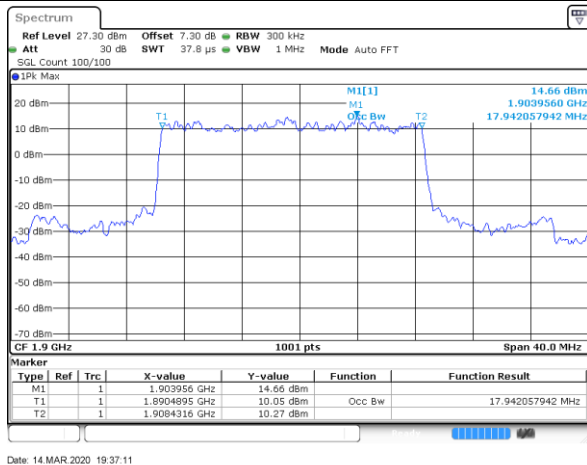
Middle Channel / BPSK



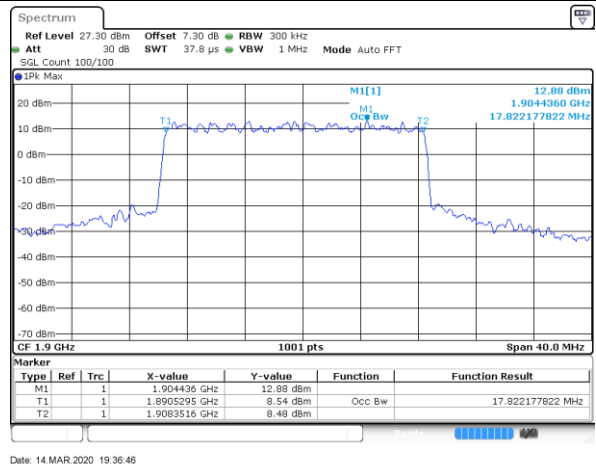
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

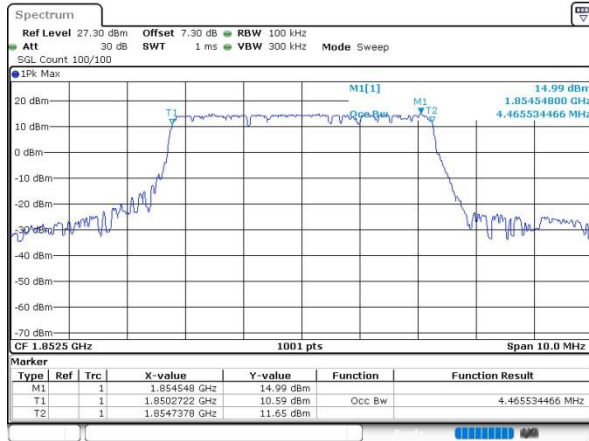




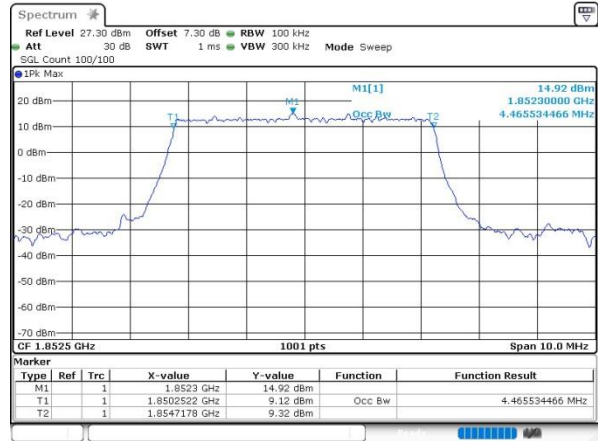
EN-DC_12A_n2A

Combination LTE 10MHz + NR 5MHz

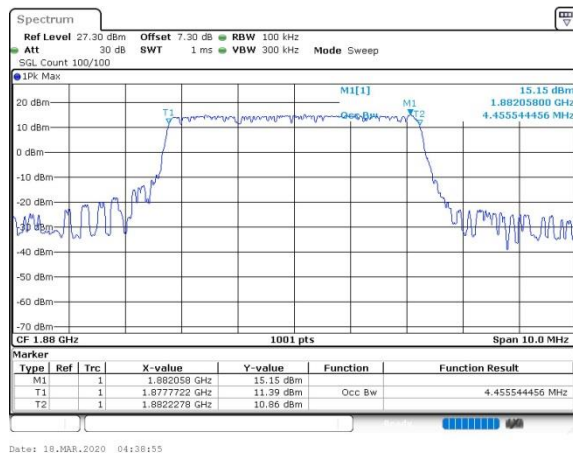
Lowest Channel / BPSK



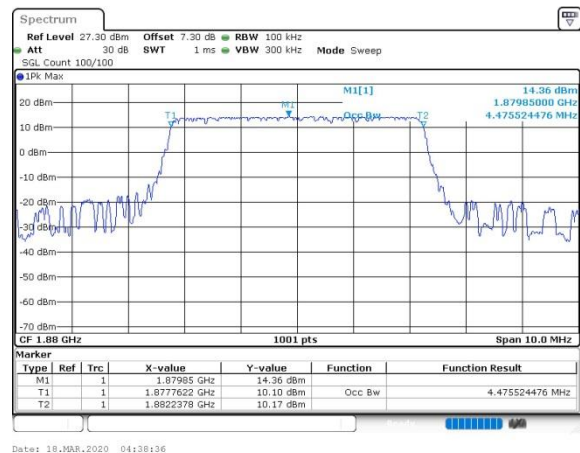
Lowest Channel / QPSK



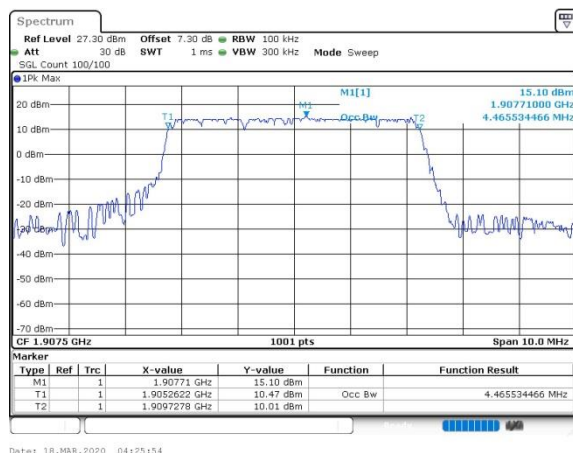
Middle Channel / BPSK



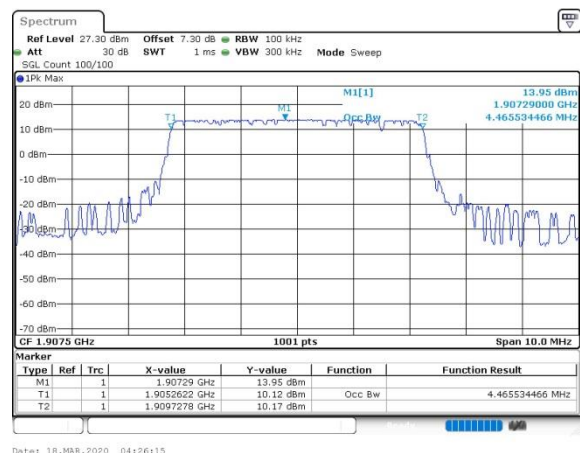
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

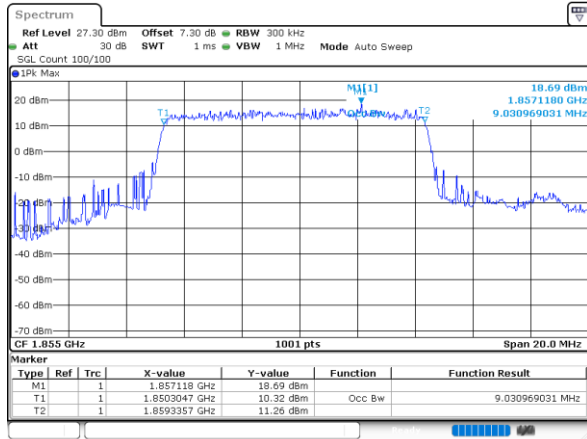




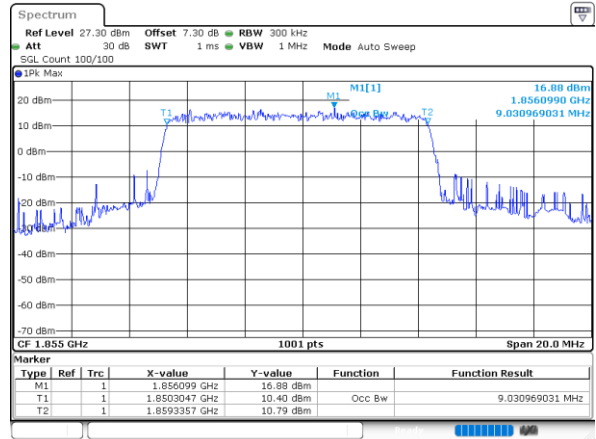
EN-DC_12A_n2A

Combination LTE 10MHz + NR 10MHz

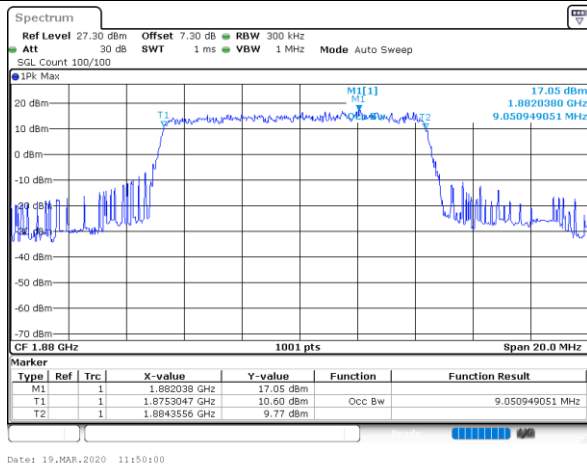
Lowest Channel / BPSK



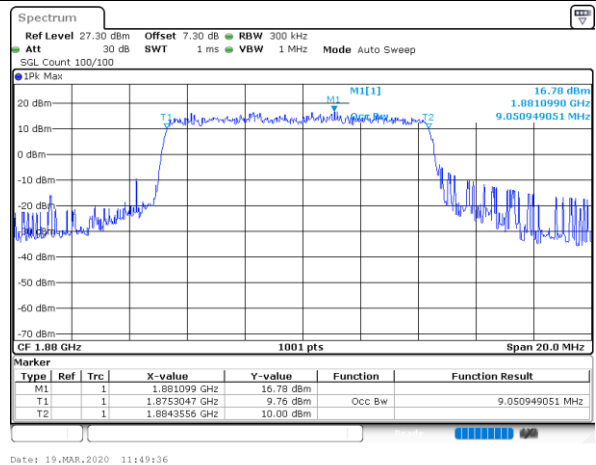
Lowest Channel / QPSK



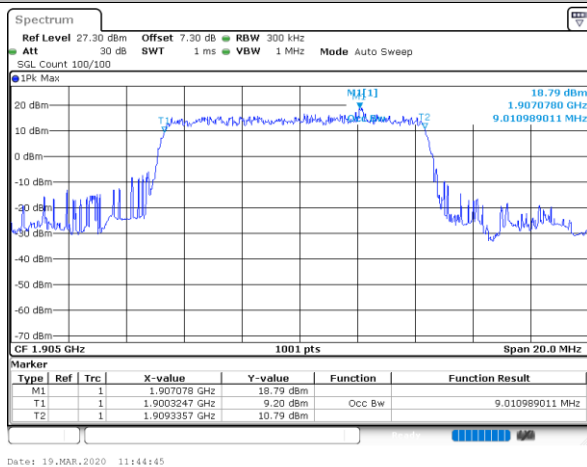
Middle Channel / BPSK



Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

