RF TEST REPORT

Report No.:	20231017G13141X-W11
Product Name:	5G Mobile Phone
Model No.:	NX769J
FCC ID:	SWSCT48
Applicant:	Nubia Technology Co., Ltd.
Address:	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Dates of Testing:	10/09/2023 - 11/21/2023
Issued by:	CCIC Southern Testing Co., Ltd.
Lab Location:	Electronic Testing Building, No. 43 Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China. **Tel**：86 755 26627338 **Fax**：86 755 26627238

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Test Report

Product ..... :	5G Mobile Phone
Brand Name ..... :	REDMAGIC
Trade Name ..... :	REDMAGIC
Applicant ..... :	Nubia Technology Co., Ltd.
Applicant Address ..... :	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Manufacturer ..... :	Nubia Technology Co., Ltd.
Manufacturer Address ..... :	Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China
Test Standards ..... :	47 CFR Part 2/22/24/27/90
Test Result ..... :	Pass

Tested by ..... : 2023.11.22

Chuiwang Zhang, Test Engineer

Reviewed by ..... : 2023.11.22

Chris You, Senior Engineer

Approved by ..... : 2023.11.22

Yang Fan, Manager

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Change History		
Issue	Date	Reason for change
1.0	2023.11.22	First edition

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	5G Mobile Phone		
Model No.	NX769J		
EUT supports Radios application	SA: NR Band n2/n5/n7/n26/n41/n66/n77/n78		
SCS support:	NR Band n2/n5/n7/n26/n66: 15kHz NR Band n41/n77/n78: 30kHz		
Frequency Range(Tx)	NR Band n2: 1850MHz~1910MHz NR Band n5: 824MHz~849MHz NR Band n7: 2500MHz~2570MHz NR Band n26(Part 90): 814MHz~824MHz NR Band n26(Part 22): 824MHz~849MHz NR Band n41: 2496MHz~2690MHz NR Band n66: 1710MHz~1780MHz NR Band n77: 3700MHz~3980MHz NR Band n78: 3450MHz~3550MHz		
Channel Bandwidth	NR Band n2/n5/n7:	5MHz/10MHz/15MHz/20MHz	
	NR Band n26(Part 22):	5MHz/10MHz/15MHz/20MHz	
	NR Band n26(Part 90):	5MHz/10MHz	
	NR Band n66:	5MHz/10MHz/15MHz/20MHz/ 25MHz/30MHz/40MHz	
	NR Band n41/n77/n78:	20MHz/30MHz/40MHz/50MHz/60MHz/ 70MHz/80MHz/90MHz/100MHz	
Modulation Type	DFT-s--OFDM:	DFT-s-Pi/2-BPSK, DFT-s-QPSK, DFT-s-16QAM, DFT-s-64QAM, DFT-s-256QAM	
	CP-OFDM:	CP-QPSK, CP-16-QAM, CP-64QAM, CP-256-QAM	
Maximum ERP/EIRP	NR Band n2: 20.73dBm NR Band n5: 17.92dBm NR Band n7: 19.67dBm NR Band n26(Part 22): 17.93dBm NR Band n26(Part 90): 17.92dBm		NR Band n41: 25.89dBm NR Band n66: 21.03dBm NR Band n77: 23.93dBm NR Band n78: 26.33dBm
Antenna Type	Internal Antenna		
Power supply	Rechargeable Li-ion Polymer Battery DC (3.89*2Series)V/3100mAh		

1.2. EUT Antenna Information

The antenna gains and types provided by the manufacturer are as follows:

5G NR Bands	Frequency Range (MHz)	Antenna name	Antenna Gain (dBi)
NR Band n2	1850~1910	Ant4	-1.5
NR Band n5	824~849	Ant2	-3.4
NR Band n7	2500~2570	Ant4	-2.2
NR Band n26	814~849	Ant2	-3.4
NR Band n41	2496~2690	Ant1	-1.0
NR Band n66	1710~1780	Ant4	-0.5
NR Band n77	3700~3980	Ant1	-0.5
NR Band n78	3450~3550	Ant1	-0.5

Note 1: The information of antenna gain and cable loss is provided by the manufacturer and our lab is not responsible for the accuracy of the antenna gain and cable loss information.

1.3. Maximum ERP/EIRP, Frequency Tolerance and Emission Designator

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum EIRP(W)
NR Band n2	DFT-s-BPSK	5	4M49G7D	—	0.101
NR Band n2	DFT-s-QPSK	5	4M50G7D	—	0.100
NR Band n2	DFT-s-16QAM	5	4M50W7D	—	0.081
NR Band n2	DFT-s-BPSK	10	8M91G7D	—	0.102
NR Band n2	DFT-s-QPSK	10	8M95G7D	—	0.100
NR Band n2	DFT-s-16QAM	10	8M93W7D	—	0.075
NR Band n2	DFT-s-BPSK	15	13M4G7D	—	0.100
NR Band n2	DFT-s-QPSK	15	13M5G7D	—	0.100
NR Band n2	DFT-s-16QAM	15	13M4W7D	—	0.075
NR Band n2	DFT-s-BPSK	20	17M8G7D	-0.00509	0.098
NR Band n2	DFT-s-QPSK	20	17M9G7D	—	0.102
NR Band n2	DFT-s-16QAM	20	17M9W7D	—	0.074

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum ERP(W)
NR Band n5	DFT-s-BPSK	5	4M48G7D	—	0.061
NR Band n5	DFT-s-QPSK	5	4M50G7D	—	0.060
NR Band n5	DFT-s-16QAM	5	4M50W7D	—	0.045
NR Band n5	DFT-s-BPSK	10	8M96G7D	—	0.061
NR Band n5	DFT-s-QPSK	10	8M96G7D	—	0.062
NR Band n5	DFT-s-16QAM	10	8M92W7D	—	0.047
NR Band n5	DFT-s-BPSK	15	13M5G7D	—	0.061
NR Band n5	DFT-s-QPSK	15	13M4G7D	—	0.060
NR Band n5	DFT-s-16QAM	15	13M4W7D	—	0.046
NR Band n5	DFT-s-BPSK	20	17M9G7D	-0.01759	0.058
NR Band n5	DFT-s-QPSK	20	17M9G7D	—	0.059
NR Band n5	DFT-s-16QAM	20	17M9W7D	—	0.047

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum EIRP(W)
NR Band n7	DFT-s-BPSK	5	4M50G7D	—	0.090
NR Band n7	DFT-s-QPSK	5	4M52G7D	—	0.092
NR Band n7	DFT-s-16QAM	5	4M52W7D	—	0.073
NR Band n7	DFT-s-BPSK	10	8M95G7D	—	0.091
NR Band n7	DFT-s-QPSK	10	8M97G7D	—	0.091
NR Band n7	DFT-s-16QAM	10	8M94W7D	—	0.070
NR Band n7	DFT-s-BPSK	15	13M4G7D	—	0.090
NR Band n7	DFT-s-QPSK	15	13M4G7D	—	0.089
NR Band n7	DFT-s-16QAM	15	13M5W7D	—	0.067
NR Band n7	DFT-s-BPSK	20	17M8G7D	-0.00329	0.088
NR Band n7	DFT-s-QPSK	20	17M8G7D	—	0.093
NR Band n7	DFT-s-16QAM	20	17M9W7D	—	0.070

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum ERP(W)
NR Band n26(Part 22)	DFT-s-BPSK	5	4M48G7D	—	0.062
NR Band n26(Part 22)	DFT-s-QPSK	5	4M50G7D	—	0.062
NR Band n26(Part 22)	DFT-s-16QAM	5	4M50W7D	—	0.045
NR Band n26(Part 22)	DFT-s-BPSK	10	8M95G7D	—	0.062
NR Band n26(Part 22)	DFT-s-QPSK	10	8M95G7D	—	0.062
NR Band n26(Part 22)	DFT-s-16QAM	10	8M96W7D	—	0.047
NR Band n26(Part 22)	DFT-s-BPSK	15	13M5G7D	—	0.062
NR Band n26(Part 22)	DFT-s-QPSK	15	13M5G7D	—	0.061
NR Band n26(Part 22)	DFT-s-16QAM	15	13M4W7D	—	0.045
NR Band n26(Part 22)	DFT-s-BPSK	20	17M9G7D	-0.00494	0.060
NR Band n26(Part 22)	DFT-s-QPSK	20	17M9G7D	—	0.062
NR Band n26(Part 22)	DFT-s-16QAM	20	17M9W7D	—	0.047
NR Band n26(Part 90)	DFT-s-BPSK	5	4M48G7D	—	0.062
NR Band n26(Part 90)	DFT-s-QPSK	5	4M49G7D	—	0.062
NR Band n26(Part 90)	DFT-s-16QAM	5	4M50W7D	—	0.047
NR Band n26(Part 90)	DFT-s-BPSK	10	8M94G7D	-0.00731	0.061
NR Band n26(Part 90)	DFT-s-QPSK	10	8M96G7D	—	0.061
NR Band n26(Part 90)	DFT-s-16QAM	10	8M94W7D	—	0.048

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum EIRP(W)
NR Band n66	DFT-s-BPSK	5	4M50G7D	—	0.125
NR Band n66	DFT-s-QPSK	5	4M50G7D	—	0.126
NR Band n66	DFT-s-16QAM	5	4M52W7D	—	0.093
NR Band n66	DFT-s-BPSK	10	8M93G7D	—	0.125
NR Band n66	DFT-s-QPSK	10	8M92G7D	—	0.123
NR Band n66	DFT-s-16QAM	10	8M96W7D	—	0.096
NR Band n66	DFT-s-BPSK	15	13M4G7D	—	0.124
NR Band n66	DFT-s-QPSK	15	13M4G7D	—	0.127
NR Band n66	DFT-s-16QAM	15	13M4W7D	—	0.095
NR Band n66	DFT-s-BPSK	20	17M9G7D	—	0.122
NR Band n66	DFT-s-QPSK	20	17M9G7D	—	0.121
NR Band n66	DFT-s-16QAM	20	17M9W7D	—	0.095
NR Band n66	DFT-s-BPSK	25	22M9G7D	—	0.126
NR Band n66	DFT-s-QPSK	25	22M9G7D	—	0.122
NR Band n66	DFT-s-16QAM	25	22M9W7D	—	0.097
NR Band n66	DFT-s-BPSK	30	28M6G7D	—	0.124
NR Band n66	DFT-s-QPSK	30	28M5G7D	—	0.123
NR Band n66	DFT-s-16QAM	30	28M6W7D	—	0.096
NR Band n66	DFT-s-BPSK	40	38M7G7D	-0.00279	0.125
NR Band n66	DFT-s-QPSK	40	38M7G7D	—	0.125
NR Band n66	DFT-s-16QAM	40	38M6W7D	—	0.093

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum EIRP(W)
NR Band n41	DFT-s-BPSK	20	17M8G7D	—	0.383
NR Band n41	DFT-s-QPSK	20	17M9G7D	—	0.387
NR Band n41	DFT-s-16QAM	20	17M9W7D	—	0.286
NR Band n41	DFT-s-BPSK	30	26M7G7D	—	0.395
NR Band n41	DFT-s-QPSK	30	26M8G7D	—	0.397
NR Band n41	DFT-s-16QAM	30	26M8W7D	—	0.315
NR Band n41	DFT-s-BPSK	40	35M7G7D	—	0.378
NR Band n41	DFT-s-QPSK	40	35M7G7D	—	0.385
NR Band n41	DFT-s-16QAM	40	35M7W7D	—	0.294
NR Band n41	DFT-s-BPSK	50	45M7G7D	—	0.393
NR Band n41	DFT-s-QPSK	50	45M7G7D	—	0.391
NR Band n41	DFT-s-16QAM	50	45M7W7D	—	0.309
NR Band n41	DFT-s-BPSK	60	57M9G7D	—	0.380
NR Band n41	DFT-s-QPSK	60	57M7G7D	—	0.370
NR Band n41	DFT-s-16QAM	60	57M8W7D	—	0.291
NR Band n41	DFT-s-BPSK	70	64M2G7D	—	0.388
NR Band n41	DFT-s-QPSK	70	64M4G7D	—	0.380
NR Band n41	DFT-s-16QAM	70	64M2W7D	—	0.307
NR Band n41	DFT-s-BPSK	80	76M9G7D	—	0.391
NR Band n41	DFT-s-QPSK	80	77M1G7D	—	0.396
NR Band n41	DFT-s-16QAM	80	77M0W7D	—	0.313
NR Band n41	DFT-s-BPSK	90	86M6G7D	—	0.388
NR Band n41	DFT-s-QPSK	90	86M7G7D	—	0.409
NR Band n41	DFT-s-16QAM	90	86M7W7D	—	0.309
NR Band n41	DFT-s-BPSK	100	96M4G7D	-0.00678	0.379
NR Band n41	DFT-s-QPSK	100	96M3G7D	—	0.385
NR Band n41	DFT-s-16QAM	100	96M3W7D	—	0.309

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum EIRP(W)
NR Band n77	DFT-s-BPSK	20	17M8G7D	—	0.223
NR Band n77	DFT-s-QPSK	20	17M8G7D	—	0.223
NR Band n77	DFT-s-16QAM	20	17M9W7D	—	0.167
NR Band n77	DFT-s-BPSK	30	26M8G7D	—	0.240
NR Band n77	DFT-s-QPSK	30	26M8G7D	—	0.235
NR Band n77	DFT-s-16QAM	30	26M8W7D	—	0.162
NR Band n77	DFT-s-BPSK	40	35M6G7D	—	0.220
NR Band n77	DFT-s-QPSK	40	35M6G7D	—	0.225
NR Band n77	DFT-s-16QAM	40	35M6W7D	—	0.160
NR Band n77	DFT-s-BPSK	50	45M7G7D	—	0.228
NR Band n77	DFT-s-QPSK	50	45M6G7D	—	0.231
NR Band n77	DFT-s-16QAM	50	45M6W7D	—	0.165
NR Band n77	DFT-s-BPSK	60	57M8G7D	—	0.226
NR Band n77	DFT-s-QPSK	60	57M9G7D	—	0.221
NR Band n77	DFT-s-16QAM	60	57M7W7D	—	0.157
NR Band n77	DFT-s-BPSK	70	64M1G7D	—	0.233
NR Band n77	DFT-s-QPSK	70	64M2G7D	—	0.233
NR Band n77	DFT-s-16QAM	70	64M1W7D	—	0.164
NR Band n77	DFT-s-BPSK	80	76M6G7D	—	0.237
NR Band n77	DFT-s-QPSK	80	76M7G7D	—	0.230
NR Band n77	DFT-s-16QAM	80	77M0W7D	—	0.162
NR Band n77	DFT-s-BPSK	90	86M5G7D	—	0.227
NR Band n77	DFT-s-QPSK	90	86M6G7D	—	0.226
NR Band n77	DFT-s-16QAM	90	86M6W7D	—	0.161
NR Band n77	DFT-s-BPSK	100	96M2G7D	-0.00241	0.236
NR Band n77	DFT-s-QPSK	100	96M3G7D	—	0.247
NR Band n77	DFT-s-16QAM	100	96M1W7D	—	0.158

5G NR Bands	Type of Modulation	Bandwidth (MHz)	Emission Designator	Frequency Tolerance (ppm)	Maximum EIRP(W)
NR Band n78	DFT-s-BPSK	20	17M9G7D	—	0.400
NR Band n78	DFT-s-QPSK	20	17M8G7D	—	0.397
NR Band n78	DFT-s-16QAM	20	17M8W7D	—	0.306
NR Band n78	DFT-s-BPSK	30	26M7G7D	—	0.410
NR Band n78	DFT-s-QPSK	30	26M8G7D	—	0.409
NR Band n78	DFT-s-16QAM	30	26M8W7D	—	0.328
NR Band n78	DFT-s-BPSK	40	35M7G7D	—	0.406
NR Band n78	DFT-s-QPSK	40	35M7G7D	—	0.402
NR Band n78	DFT-s-16QAM	40	35M8W7D	—	0.324
NR Band n78	DFT-s-BPSK	50	45M8G7D	—	0.412
NR Band n78	DFT-s-QPSK	50	45M6G7D	—	0.430
NR Band n78	DFT-s-16QAM	50	45M7W7D	—	0.333
NR Band n78	DFT-s-BPSK	60	57M8G7D	—	0.394
NR Band n78	DFT-s-QPSK	60	57M8G7D	—	0.393
NR Band n78	DFT-s-16QAM	60	57M9W7D	—	0.318
NR Band n78	DFT-s-BPSK	70	64M3G7D	—	0.413
NR Band n78	DFT-s-QPSK	70	64M2G7D	—	0.422
NR Band n78	DFT-s-16QAM	70	64M3W7D	—	0.338
NR Band n78	DFT-s-BPSK	80	77M1G7D	—	0.415
NR Band n78	DFT-s-QPSK	80	77M1G7D	—	0.419
NR Band n78	DFT-s-16QAM	80	77M2W7D	—	0.338
NR Band n78	DFT-s-BPSK	90	86M9G7D	—	0.414
NR Band n78	DFT-s-QPSK	90	87M0G7D	—	0.411
NR Band n78	DFT-s-16QAM	90	86M8W7D	—	0.333
NR Band n78	DFT-s-BPSK	100	96M4G7D	-0.00259	0.408
NR Band n78	DFT-s-QPSK	100	96M6G7D	—	0.328
NR Band n78	DFT-s-16QAM	100	96M3W7D	—	0.229

1.4. Test Standards and Results

The purpose of the report is to conduct testing according to the following FCC certification standards:

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 22	Public Mobile Services
3	47 CFR Part 24	Personal Communications Services
4	47 CFR Part 27	Miscellaneous Wireless Communications Services
5	KDB 971168 D01 Power Meas License Digital Systems v03r01	Measurement Guidance For Certification of Licensed Digital Transmitters
6	KDB 412172 D01 Determining ERP and EIRP v01r01	Guidelines for Determining the Effective Radiated Power (ERP) and Equivalent Isotropic Radiated Power (EIRP) of an RF Transmitting Systems
7	ANSI/TIA-603-E-2016	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards
8	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

Test detailed items/section required by FCC rules and results are as below:

No.	FCC Rule	Description	Limit	Result
1	2.1046	Conducted Output Power	Reporting Only	PASS
2	22.913 (d) 24.232 (d) 27.50 (d)(5) 27.50 (j)(4) 27.50 (k)(4)	Peak to Average Radio	< 13dB	PASS
3	22.913 (a)(5)	Effective Radiated Power (Band n5/n26_Part 22)	ERP < 7W	PASS
	90.635 (b)	Effective Radiated Power (Band n26_Part 90)	ERP < 100W	PASS
	24.232 (c)	Equivalent Isotropic Radiated Power (Band n2)	EIRP < 2W	PASS
	27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band n66)	EIRP < 1W	PASS
	27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band n7/n41)	EIRP < 2W	PASS
	27.50 (j)(3)	Equivalent Isotropic Radiated Power (Band n77)	EIRP < 1W	PASS
	27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band n78)	EIRP < 1W	PASS
4	2.1049	Occupied Bandwidth	Reporting Only	PASS
5	2.1051 22.917 (a)	Conducted Spurious Emission and Conducted Band Edge Measurement (n5/n26_Part 22)	< 43+10log10(P[watt])	PASS
	2.1051 90.691 (a)	Conducted Spurious Emission and Conducted Band Edge Measurement (n26_Part 90)	< 43+10log10(P[watt])	PASS
	2.1051 24.238 (a)	Conducted Spurious Emission and Conducted Band Edge Measurement (n2)	< 43+10log10(P[watt])	PASS
	2.1051 27.53 (h)	Conducted Spurious Emission and Conducted Band Edge Measurement (n66)	< 43+10log10(P[watt])	PASS
	2.1051 27.53 (m)(4)	Conducted Spurious Emission and Conducted Band Edge Measurement (Band n7/n41)	Refer to 27.53(m)(4)	PASS

	2.1051 27.53 (l)(2)	Conducted Spurious Emission and Conducted Band Edge Measurement (Band n77)	< -13 dBm/MHz	PASS
	2.1051 27.53 (n)(2)	Conducted Spurious Emission and Conducted Band Edge Measurement (Band n78)	< -13 dBm/MHz	PASS
6	2.1053 22.917 (a)	Radiated Spurious Emission (Band n5/n26_Part 22)	< 43+10log10(P[watt])	PASS
	2.1053 90.691 (a)	Radiated Spurious Emission (Band n26_Part 90)	< 43+10log10(P[watt])	PASS
	2.1051 24.238 (a)	Radiated Spurious Emission (Band n2)	< 43+10log10(P[watt])	PASS
	27.53 (h)	Radiated Spurious Emission (Band n66)	< 43+10log10(P[watt])	PASS
	2.1053 27.53 (m)(4)	Radiated Spurious Emission (Band n41)	< 55+10log10(P[watt])	PASS
	2.1053 27.53 (l)(2)	Radiated Spurious Emission (Band n77)	< -13 dBm/MHz	PASS
	2.1053 27.53 (n)(2)	Radiated Spurious Emission (Band n78)	< -13 dBm/MHz	PASS
7	2.1055 22.335 24.235 27.54 90.213 (a)	Frequency Stability (Band n5/n26)	< 2.5ppm	PASS
		Frequency Stability (Band n2/n7/n41/n66/n77/n78)	Within the Authorized Band	PASS

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15 Subpart B, recorded in a separate test report.

1.5. Test Configuration of Equipment Under Test

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

Radiated measurements are performed by rotating the EUT in three(X: flat, Y: portrait, Z: landscape) different orthogonal test planes to find the maximum emission.

Test Items	Band	Bandwidth(MHz)	Modulation	RB Configuration	Test Channel
Conducted Output Power and ERP/EIRP	n2	5, 10, 15, 20	All DFT-s--OFDM All CP-OFDM	Inner_1RB Inner_Full Outer_Full	L, M, H
	n5	5, 10, 15, 20			
	n7	5, 10, 15, 20			
	n26_part 22	5, 10, 15, 20			
	n26_part 90	5, 10			
	n66	5, 10, 15, 20, 25, 30, 40			
	n41	20, 30, 40, 50, 60,70, 80, 90, 100			
	n77	20, 30, 40, 50, 60,70, 80, 90, 100			
	n78	20, 30, 40, 50, 60,70, 80, 90, 100			
Peak-to-Average Ratio	n2	20	DFT-s-PI/2-BPSK DFT-s-256QAM	Outer_Full	M
	n5	20			
	n7	20			
	n26_part 22	20			
	n26_part 90	10			
	n66	40			
	n41	100			
	n77	100			
	n78	100			
99% OBW and 26dB EBW	n2	5, 10, 15, 20	DFT-s-PI/2-BPSK DFT-s-QPSK DFT-s-16QAM	Outer_Full	M
	n5	5, 10, 15, 20			
	n7	5, 10, 15, 20			
	n26_part 22	5, 10, 15, 20			
	n26_part 90	5, 10			
	n66	5, 10, 15, 20, 25, 30, 40			
	n41	20, 30, 40, 50, 60,70, 80, 90, 100			
	n77	20, 30, 40, 50, 60,70, 80, 90, 100			
	n78	20, 30, 40, 50, 60,70, 80, 90, 100			
Conducted Band Edge	n2	5, 10, 15, 20	DFT-s-PI/2-BPSK	Edge_1RB Outer_Full	L, H
	n5	5, 10, 15, 20			
	n7	5, 10, 15, 20			
	n26_part 22	5, 10, 15, 20			
	n26_part 90	5, 10			
	n66	5, 10, 15, 20, 25, 30, 40			
	n41	20, 30, 40, 50, 60,70, 80, 90, 100			

	n77	20, 30, 40, 50, 60,70, 80, 90, 100			
	n78	20, 30, 40, 50, 60,70, 80, 90, 100			
Conducted Spurious Emission	n2	20	DFT-s-PI/2-BPSK	Inner_1RB	L, M, H
	n5	20			
	n7	20			
	n26_part 22	20			
	n26_part 90	10			
	n66	40			
	n41	100			
	n77	100			
	n78	100			
Frequency Stability	n2	20	DFT-s-PI/2-BPSK	Outer_Full	M
	n5	20			
	n7	20			
	n26_part 22	20			
	n26_part 90	10			
	n66	40			
	n41	100			
	n77	100			
	n78	100			
Radiated Spurious Emission	n2	20	DFT-s-PI/2-BPSK	Inner_1RB	M
	n5	20			
	n7	20			
	n26_part 22	20			
	n26_part 90	10			
	n66	40			
	n41	100			
	n77	100			
	n78	100			
Note 1: All bandwidths, all transmission schemes(DFT-s--OFDM, CP-OFDM), all RB configurations, all channels have been evaluated, only the worst test results are reflected in the report.					

1.6. Measurement Results Explanation Example

For all conduction test items:

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

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

Offset = RF cable loss + attenuator factor..
Following shows an offset computation example with cable loss 4dB, 10dB attenuator.

Example: Offset (dB) = RF cable loss(dB) + attenuator factor(dB) = 4 + 10 = 14 (dB).

1.7. Laboratory Facilities

FCC-Registration No.: 406086

CCIC Southern Testing Co., Ltd EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Designation Number: CN1283, valid time is until Jun. 30th, 2025.

ISED Registration: 11185A

CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 11185A on Aug. 04, 2016, valid time is until Jun. 30th, 2025.
CAB number: CN0064

A2LA Code: 5721.01

CCIC-SET is a third party testing organization accredited by A2LA according to ISO/IEC 17025.
The accreditation certificate number is 5721.01.

1.8. Test Environment Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	15℃- 35℃
Relative Humidity (%):	30% -60%
Atmospheric Pressure (kPa):	86KPa-106KPa

2. 47 CFR Part 2 Requirements

2.1. Conducted Output Power and ERP/EIRP

2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

The ERP of mobile transmitters must not exceed 7 Watts for Band n5/n26(Part 22).

The ERP of mobile transmitters must not exceed 100 Watts for Band n26(Part 90).

The EIRP of mobile transmitters must not exceed 2 Watts for Band n2/n7/n41.

The EIRP of mobile transmitters must not exceed 1 Watts for Band n66/n77/n78.

According to KDB 412172 D01 Determining ERP and EIRP v01r01.

$EIRP = P_T + {}_{GT} - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm;

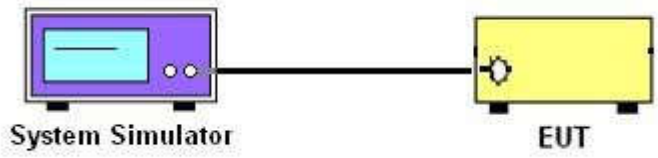
G_T = gain of the transmitting antenna in dBi;

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

2.1.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.1.3. Test Setup



2.1.4. Test Procedures

1. The transmitter output port was connected to the system simulator.

2. Set EUT at maximum power through system simulator.

3. Select lowest, middle, and highest channels for each band and different modulation.

4. Measure and record the power level from the system simulator.

2.1.5. Test Results of Conducted Output Power and ERP/EIRP

Please refer to Appendix A for detail.

2.2. Peak-to-average power ratio (PAPR)

2.2.1. Requirement

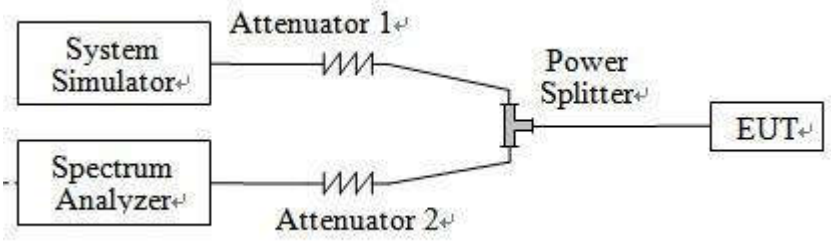
Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement 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 power ratio (PAPR) of the transmission may not exceed 13 dB.

2.2.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.2.3. Test Description



2.2.4. Test Procedures

1. The testing follows the of KDB 971168 D01 v03r01 Section 5.7.2 and ANSI C63.26-2015 Section 5.2.3.4.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider, Path loss compensation is then performed on the spectrum analyzer and the system simulator respectively.
3. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
4. Set resolution/measurement bandwidth ≥ OBW or specified reference bandwidth.
5. Set the number of counts to a value that stabilizes the measured CCDF curve.
6. Set the EUT working in highest power level, measured and recorded the 0.1% as PAPR level.
7. Repeat step 3~6 at other frequency and modulations.

2.2.5. Test Results of Peak-to-average power ratio (PAPR)

Please refer to Appendix A for detail.

2.3. 99% Occupied Bandwidth and 26dB Emission Bandwidth

2.3.1. Requirement

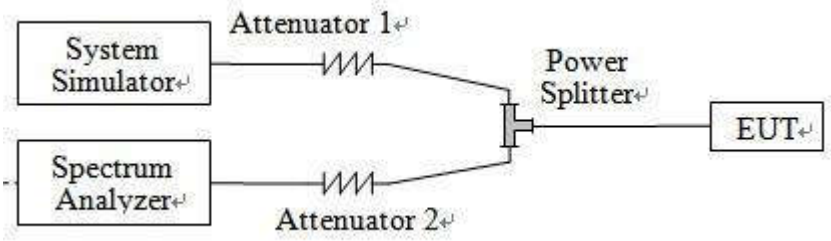
The Occupied Bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

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.

2.3.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.3.3. Test Setup



2.3.4. Test Procedures

1. The testing follows the of KDB 971168 D01 v03r01 Section 4 and ANSI C63.26-2015 Section 5.4.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider, Path loss compensation is then performed on the spectrum analyzer and the system simulator respectively.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency.
4. Set span to be approximately 1.5 to 5 times the OBW.
5. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW.
6. Set VBW ≥ 3 × RBW.
7. Set Detection mode = peak.
8. Set Trace mode = max hold.
9. Allow trace to stabilize.
10. Repeat step 3~9 at other frequency and modulations.

2.3.5. Test Result of 99% Occupied Bandwidth and 26dB Emission Bandwidth

Please refer to Appendix A for detail.

2.4. Conducted Band Edge

2.4.1. Requirement

For Band n2 [Part 24.238 (a)]:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.he 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 Band n5/n26_Part 22 [Part 22.917(a)]:

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified).

For Band n26 [Part 90.691 (a)]:

Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

For Band n66 [Part 27.53 (h)]:

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 Band n7/n41 [Part 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 that 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.

For Band n77 [Part 27.53 (l)(2)]:

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz.In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

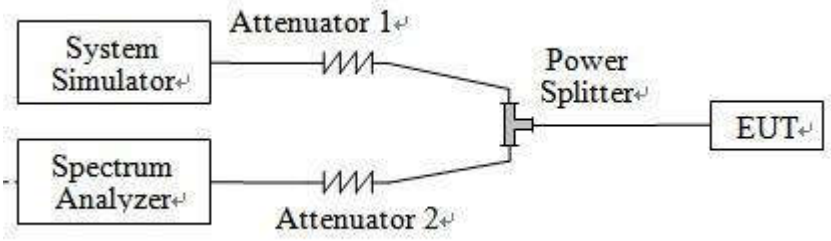
For Band n78 [Part 27.53 (n)(2)]:

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz 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, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

2.4.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.4.3. Test Setup



2.4.4. Test Procedures

1. The testing follows the of KDB 971168 D01 v03r01 Section 6 and ANSI C63.26-2015 Section 5.7.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider, Path loss compensation is then performed on the spectrum analyzer and the system simulator respectively.
3. Span was set large enough so as to capture all out of band emissions near the Channel Edge.
4. Use RBW ≥ 1% EBW in the 1 megahertz bands immediately outside and adjacent to the licensee's authorized frequency channel, and use RBW = 1 MHz outside 1 MHz of the authorized frequency channel.
5. Set VBW ≥ 3 × RBW
6. Set Detector = power averaging (rms).
7. Set the number of points in sweep ≥ 2 × span / RBW.
8. Set sweep trigger to “free run.”
9. Set the Sweep time > (number of points in sweep) × (transmitter period) (i.e., the transmit on-time + the off-time).
10. Perform a trace average of at least 100 traces.
11. Repeat step 3~10 at other frequency and modulations.

2.4.5. Test Result of Conducted Band Edge

Please refer to Appendix A for detail.

2.5. Conducted Spurious Emission

2.5.1. Requirement

For Band n2/n5/n26/n66/n77/n78:

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.

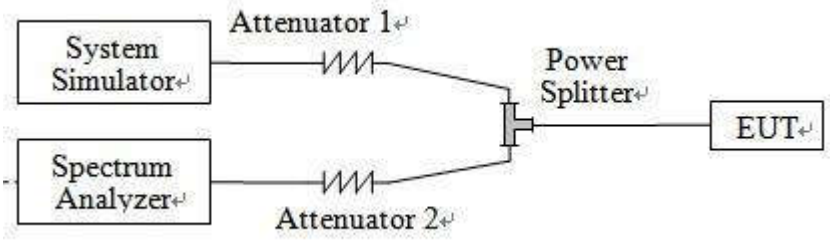
For Band n7/n41:

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.

2.5.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.5.3. Test Setup



2.5.4. Test Procedures

1. The testing follows the of KDB 971168 D01 v03r01 Section 6 and ANSI C63.26-2015 Section 5.7.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider, Path loss compensation is then performed on the spectrum analyzer and the system simulator respectively.
3. Set the spectrum analyzer start frequency to 9kHz and stop frequency to the tenth harmonic of the highest fundamental frequency.
4. Set RBW = 1MHz, VBW ≥ 3 × RBW
5. Set Detector = peak.
6. Set Trace mode = max hold.
7. Set Sweep time = auto-couple.
8. Identify and measure the highest spurious emission levels in each frequency range.
9. Compare the results with the corresponding limit in the applicable regulation.
10. Repeat step 3~9 at other frequency and modulations.

2.5.5. Test Result of Conducted Spurious Emission

Please refer to Appendix A for detail.

2.6. Radiated Spurious Emission

2.6.1. Requirement

The radiated spurious emission was measured by substitution method according to ANSI/TIA-603-E-2016.

For Band n2/n5/n26/n66/n77/n78:

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 Band n7/n41:

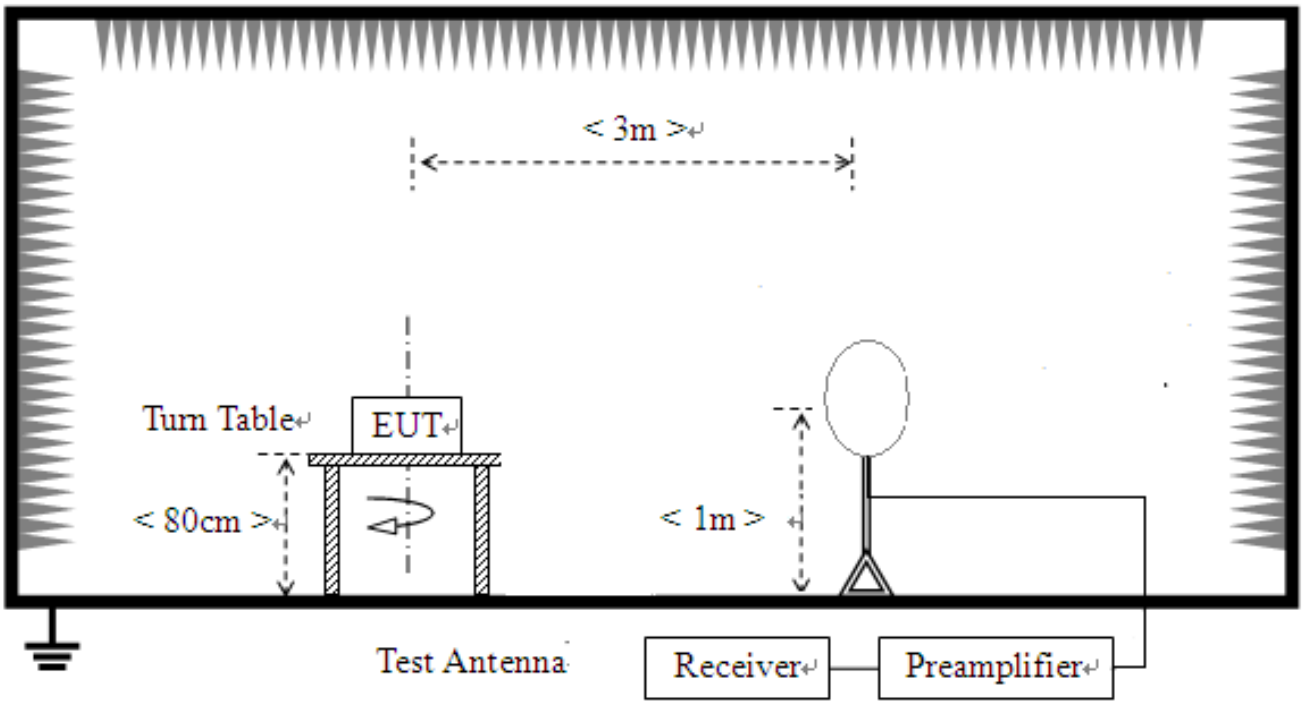
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

2.6.2. Measuring Instruments

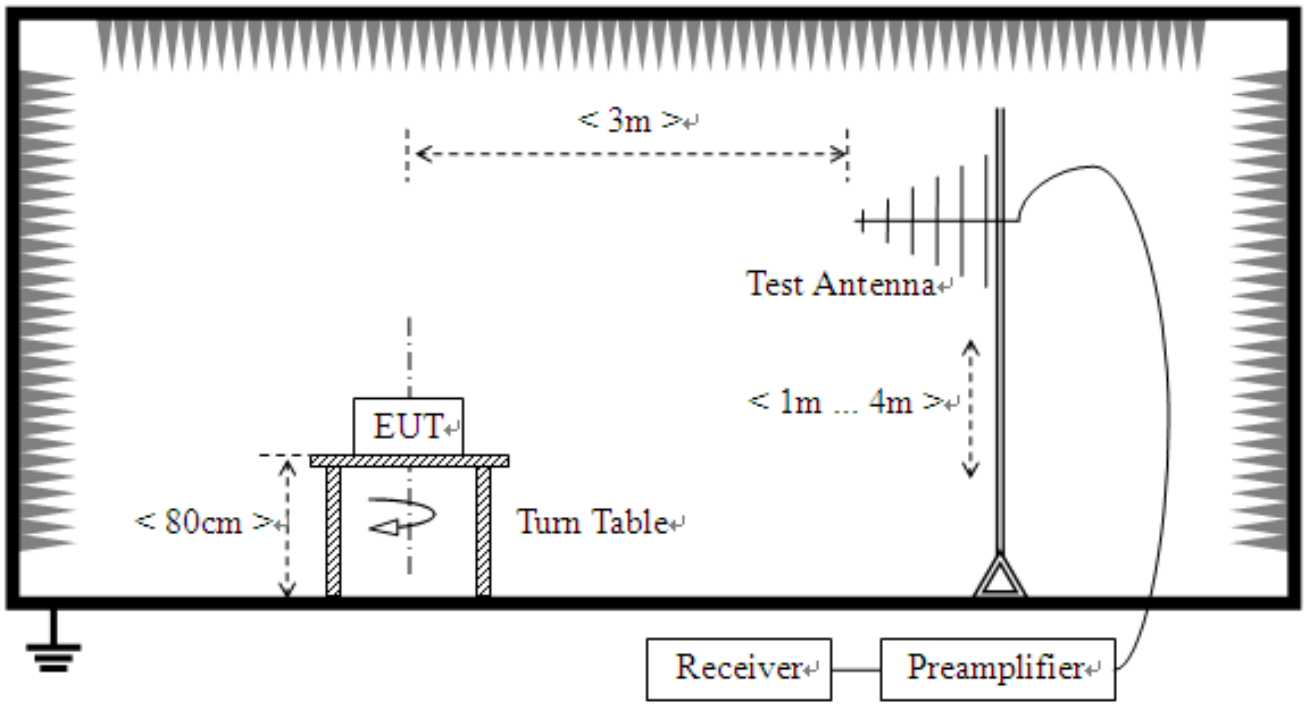
The measuring equipment is listed in the section 3 of this test report.

2.6.3. Test Setup

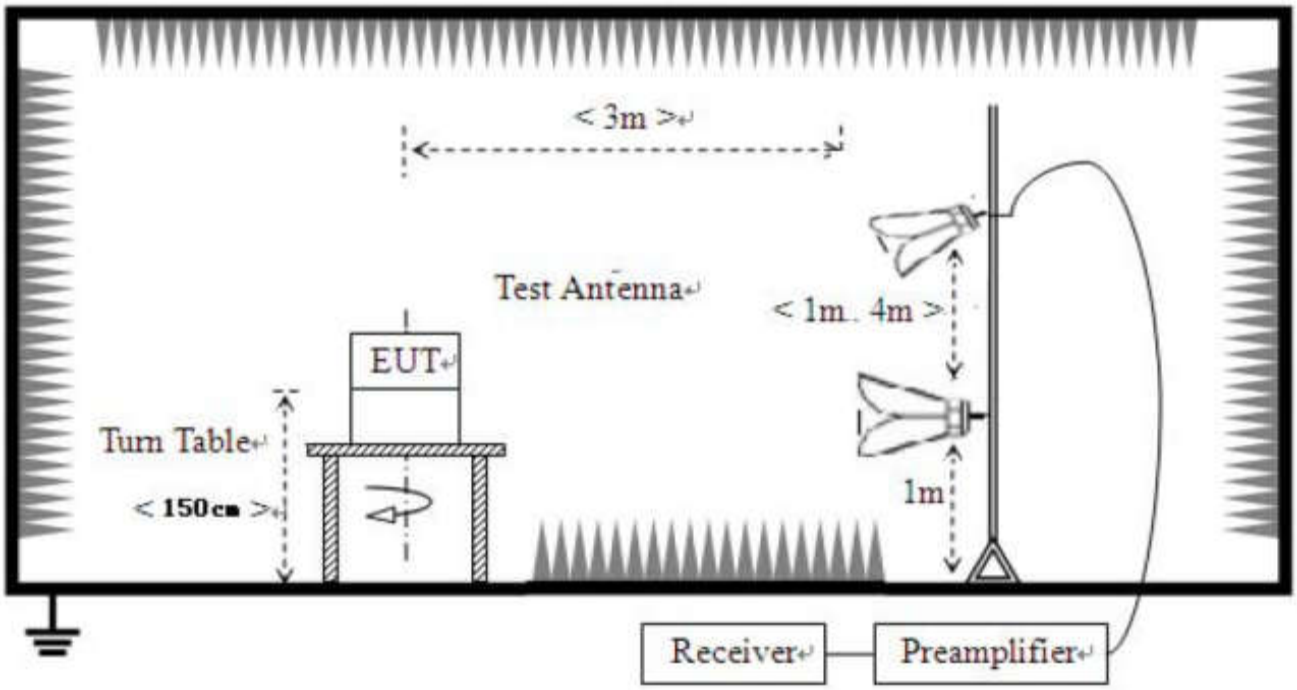
For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



2.6.4. Test Procedures

1. The EUT was placed on a rotatable wooden table with 0.8 meter (for below 1GHz) / 1.5 meters (for above 1GHz) above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
11. All Spurious Emission tests were performed in X, Y, Z axis direction and low, middle, high channel. And only the worst axis test condition was recorded in this test report.
12. The spectrum is measured from 9 kHz to the 10^{th} harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. The worst case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
13. The maximum RB configurations of the Radiated Spurious Emissions as RB Size full, RB Offset 0.

2.6.5. Test Result of Radiated Spurious Emission

Note: 1. The emission levels of above 18GHz are lower than the limit 20dB and not show in test report.

Note: 2. Absolute Level = Reading Level + Factor

NR Band n2_20MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	63.967	-92.79	-73.45	-13.00	60.45	19.34	Horizontal
2	74.1571	-86.20	-66.94	-13.00	53.94	19.26	Horizontal
3	1264.21	-56.49	-58.80	-13.00	45.80	-2.31	Horizontal
4	4784.91	-58.37	-43.85	-13.00	30.85	14.52	Horizontal
5	7451.09	-59.00	-39.31	-13.00	26.31	19.69	Horizontal
6	17212.2	-64.76	-36.44	-13.00	23.44	28.32	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	61.5408	-91.63	-71.39	-13.00	58.39	20.24	Vertical
2	74.1571	-82.94	-61.36	-13.00	48.36	21.58	Vertical
3	1599.93	-50.76	-51.98	-13.00	38.98	-1.22	Vertical
4	4796.63	-58.26	-43.58	-13.00	30.58	14.68	Vertical
5	7941.02	-59.67	-40.54	-13.00	27.54	19.13	Vertical
6	17288.6	-64.58	-35.86	-13.00	22.86	28.72	Vertical

NR Band n5_20MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	74.1571	-84.47	-65.21	-13.00	52.21	19.26	Horizontal
2	607.438	-102.73	-71.57	-13.00	58.57	31.16	Horizontal
3	1593.32	-48.66	-49.93	-13.00	36.93	-1.27	Horizontal
4	2454.17	-51.01	-47.55	-13.00	34.55	3.46	Horizontal
5	7520.67	-59.84	-40.18	-13.00	27.18	19.66	Horizontal
6	17335.2	-64.12	-35.13	-13.00	22.13	28.99	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	62.5113	-92.97	-72.62	-13.00	59.62	20.35	Vertical
2	83.3767	-94.78	-72.28	-13.00	59.28	22.50	Vertical
3	113.947	-97.05	-73.89	-13.00	60.89	23.16	Vertical
4	4814.66	-58.46	-43.72	-13.00	30.72	14.74	Vertical
5	7393.01	-60.19	-40.55	-13.00	27.55	19.64	Vertical
6	17347.3	-65.07	-36.01	-13.00	23.01	29.06	Vertical

NR Band n7_20MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	45.5278	-95.55	-75.28	-25.00	50.28	20.27	Horizontal
2	62.5113	-88.29	-68.95	-25.00	43.95	19.34	Horizontal
3	496.318	-103.39	-71.02	-25.00	46.02	32.37	Horizontal
4	1756.63	-54.74	-54.96	-25.00	29.96	-0.22	Horizontal
5	4829.71	-58.20	-43.45	-25.00	18.45	14.75	Horizontal
6	7518.37	-59.94	-40.28	-25.00	15.28	19.66	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	46.4982	-96.36	-77.07	-25.00	52.07	19.29	Vertical
2	62.9965	-88.17	-67.77	-25.00	42.77	20.40	Vertical
3	1226.61	-55.78	-58.07	-25.00	33.07	-2.29	Vertical
4	1752.93	-54.19	-54.44	-25.00	29.44	-0.25	Vertical
5	5085.75	-58.70	-44.15	-25.00	19.15	14.55	Vertical
6	17314.5	-64.50	-35.63	-25.00	10.63	28.87	Vertical

NR Band n41_100MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	31.941	-89.12	-65.59	-25.00	40.59	23.53	Horizontal
2	74.1571	-81.16	-61.90	-25.00	36.90	19.26	Horizontal
3	524.947	-89.36	-57.16	-25.00	32.16	32.20	Horizontal
4	4725.86	-57.73	-43.95	-25.00	18.95	13.78	Horizontal
5	7667.33	-59.19	-39.06	-25.00	14.06	20.13	Horizontal
6	14300.6	-62.45	-32.21	-25.00	7.21	30.24	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	74.1571	-84.28	-62.70	-25.00	37.70	21.58	Vertical
2	88.2291	-86.42	-63.33	-25.00	38.33	23.09	Vertical
3	1595.29	-48.69	-49.94	-25.00	24.94	-1.25	Vertical
4	5018.50	-58.35	-43.64	-25.00	18.64	14.71	Vertical
5	7562.28	-59.09	-38.56	-25.00	13.56	20.53	Vertical
6	13625.3	-62.83	-33.94	-25.00	8.94	28.89	Vertical

NR Band n26(Part 22)_20MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	63.4817	-87.20	-67.86	-13.00	54.86	19.34	Horizontal
2	113.947	-96.26	-76.55	-13.00	63.55	19.71	Horizontal
3	217.303	-97.46	-74.67	-13.00	61.67	22.79	Horizontal
4	3292.61	-56.91	-49.87	-13.00	36.87	7.04	Horizontal
5	5034.82	-59.00	-44.67	-13.00	31.67	14.33	Horizontal
6	7406.24	-59.62	-39.92	-13.00	26.92	19.70	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	61.5408	-94.78	-74.54	-13.00	61.54	20.24	Vertical
2	74.1571	-94.94	-73.36	-13.00	60.36	21.58	Vertical
3	82.4062	-94.58	-72.20	-13.00	59.20	22.38	Vertical
4	591.911	-102.12	-69.34	-13.00	56.34	32.78	Vertical
5	4891.66	-58.38	-43.64	-13.00	30.64	14.74	Vertical
6	7490.77	-59.95	-40.27	-13.00	27.27	19.68	Vertical

NR Band n26(Part 90)_10MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	31.941	-95.19	-71.66	-13.00	58.66	23.53	Horizontal
2	43.5868	-96.97	-76.23	-13.00	63.23	20.74	Horizontal
3	66.3932	-92.66	-73.31	-13.00	60.31	19.35	Horizontal
4	1394.11	-51.00	-53.31	-13.00	40.31	-2.31	Horizontal
5	5267.76	-58.29	-44.28	-13.00	31.28	14.01	Horizontal
6	17171.3	-64.04	-35.91	-13.00	22.91	28.13	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	66.3932	-92.56	-71.77	-13.00	58.77	20.79	Vertical
2	90.1701	-96.68	-73.36	-13.00	60.36	23.32	Vertical
3	1196.90	-51.11	-53.37	-13.00	40.37	-2.26	Vertical
4	1708.13	-48.25	-48.82	-13.00	35.82	-0.57	Vertical
5	4914.77	-58.62	-43.96	-13.00	30.96	14.66	Vertical
6	7520.10	-59.41	-39.76	-13.00	26.76	19.65	Vertical

NR Band n66_40MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	39.7049	-90.33	-68.68	-13.00	55.68	21.65	Horizontal
2	86.2881	-87.76	-68.59	-13.00	55.59	19.17	Horizontal
3	434.692	-96.94	-68.78	-13.00	55.78	28.16	Horizontal
4	4777.21	-58.70	-44.28	-13.00	31.28	14.42	Horizontal
5	7899.62	-59.15	-39.60	-13.00	26.60	19.55	Horizontal
6	17374.3	-65.85	-36.63	-13.00	23.63	29.22	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	86.2881	-87.45	-64.59	-13.00	51.59	22.86	Vertical
2	440.515	-97.06	-67.93	-13.00	54.93	29.13	Vertical
3	1220.91	-57.22	-59.50	-13.00	46.50	-2.28	Vertical
4	4823.06	-58.85	-44.11	-13.00	31.11	14.74	Vertical
5	7729.98	-60.07	-40.78	-13.00	27.78	19.29	Vertical
6	17385.2	-65.35	-36.07	-13.00	23.07	29.28	Vertical

NR Band n77_100MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	61.5408	-87.03	-67.69	-13.00	54.69	19.34	Horizontal
2	86.7734	-87.77	-68.59	-13.00	55.59	19.18	Horizontal
3	302.221	-95.02	-69.00	-13.00	56.00	26.02	Horizontal
4	1728.93	-44.02	-44.44	-13.00	31.44	-0.42	Horizontal
5	7607.50	-60.07	-40.47	-13.00	27.47	19.60	Horizontal
6	17415.7	-65.21	-36.10	-13.00	23.10	29.11	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	60.085	-87.73	-67.67	-13.00	54.67	20.06	Vertical
2	86.7734	-87.09	-64.17	-13.00	51.17	22.92	Vertical
3	302.221	-95.43	-70.06	-13.00	57.06	25.37	Vertical
4	1797.43	-49.20	-49.11	-13.00	36.11	0.09	Vertical
5	7437.29	-60.13	-40.44	-13.00	27.44	19.69	Vertical
6	17271.4	-63.74	-35.11	-13.00	22.11	28.63	Vertical

NR Band n78 _100MHz_DFT-s-BPSK_Edge_1RB_Left_Mid_CH							
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	62.9965	-91.92	-72.58	-30.00	42.58	19.34	Horizontal
2	191.585	-98.57	-75.57	-30.00	45.57	23.00	Horizontal
3	1398.71	-49.05	-51.36	-30.00	21.36	-2.31	Horizontal
4	4873.46	-58.85	-44.11	-30.00	14.11	14.74	Horizontal
5	7513.77	-59.43	-39.76	-30.00	9.76	19.67	Horizontal
6	17148.9	-64.74	-36.70	-30.00	6.70	28.04	Horizontal
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Polarity
1	45.0425	-96.01	-76.53	-30.00	46.53	19.48	Vertical
2	65.4227	-94.49	-73.81	-30.00	43.81	20.68	Vertical
3	86.7734	-97.33	-74.41	-30.00	44.41	22.92	Vertical
4	4376.61	-46.77	-35.76	-30.00	5.76	11.01	Vertical
5	10084.7	-60.44	-38.41	-30.00	8.41	22.03	Vertical
6	17327.7	-64.43	-35.48	-30.00	5.48	28.95	Vertical

2.7. Frequency Stability

2.7.1. Requirement

According to FCC requirement, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. 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 ±0.00025% (±2.5ppm) of the center frequency. According to FCC section 2.1055, the test conditions are:

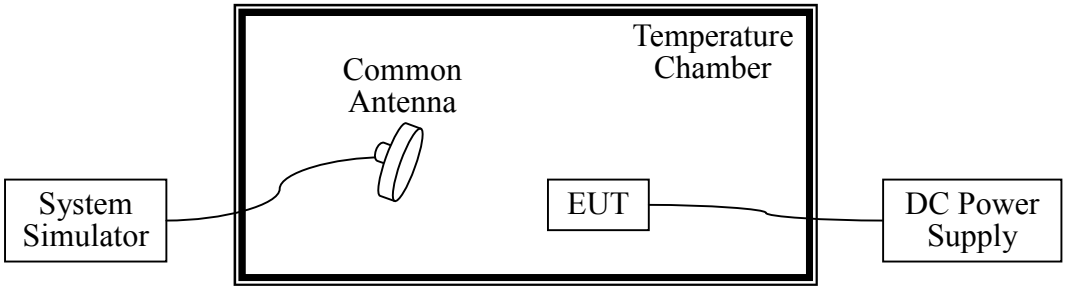
(1) The temperature is varied from -30° C to +50°C at intervals of not more than 10°C.

(2) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

2.7.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.7.3. Test Setup



2.7.4. Test Procedures

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. 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.
3. 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.
4. The nominal, highest and lowest extreme voltages were tested, which are specified by the applicant; the normal temperature here used is 20°C.
5. The variation in frequency was measured for the worst case.

2.7.5. Test Result of Frequency Stability

Please refer to Appendix A for detail.

3. List of measuring equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	EMI Test Receiver	ROHDE&SCHWARZ	ESW26	A180502935	2023.06.08	2024.06.07
2	5M Anechoic Chamber	Albatross	SAC-5MAC 12.8x6.8x6.4m	A0304210	2022.06.09	2026.06.08
3	Loop Antenna	Schwarz beck	HFH2-Z2	A0304220	2022.05.02	2025.05.01
4	Broadband antenna (30MHz~1GHz)	R&S	HL562	A0304224	2023.06.08	2024.06.07
5	EMI Horn Ant. (1-18G)	ETC	1209	A150402241	2021.01.02	2024.01.01
6	Horn antenna (18GHz~26.5GHz)	AR	AT4510	A0804450	2023.06.01	2024.05.31
7	Amplifier 30M~1GHz	MILMEGA	80RF1000-10004	A140101634	2022.12.13	2023.12.12
8	Amplifier 1G~18GHz	MILMEGA	AS0104R-800/400	A160302517	2022.12.13	2023.12.12
9	Spectrum Analyzer	KEYSIGHT	N9030A	A160702554	2023.02.20	2024.02.19
10	Test Receiver	R&S	ESIB7	A0501375	2023.03.16	2024.03.15
11	Broadband Ant.	2786	ETC	A150402240	2021.09.16	2024.03.03
12	3M Anechoic Chamber	Albatross	SAC-3MAC 9*6*6m	A0412375	2019.03.26	2024.03.25
13	Temperature chamber	ESPEC	SU-642	A150802409	2023.03.18	2024.03.17
14	Wideband Radio Communication Tester	KEYSIGHT	E7515B	A210603658	2023.02.20	2024.02.19
15	Test Receiver	KEYSIGHT	N9038A	A141202036	2023.06.12	2024.06.11
16	LISN	ROHDE&SCHWARZ	ENV216	A140701847	2023.06.08	2024.06.07

4. Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2013. 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 Conducted Emission Measurement (150kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	2.8dB

Uncertainty of Radiated Emission Measurement (9kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	3.5dB

Uncertainty of Radiated Emission Measurement (30MHz~1GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	3.91dB

Uncertainty of Radiated Emission Measurement (1GHz~18GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	4.5dB

Uncertainty of Radiated Emission Measurement (18GHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	4.9dB

Uncertainty of RF Conducted Measurement (9kHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%(U=2Uc(y))	1.2dB

APPENDIX A

Conducted Output Power and ERP/EIRP

NR Band n2:

NR Band n2 - SCS 15kHz - 5MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			370500	376000	381500			
			1852.5MHz	1880.0MHz	1907.5MHz			
PI/2 BPSK	1	0	22.87	22.86	22.76	-1.50	20.04	33.00
	1	24	22.95	22.89	22.96			
	1	1	23.44	23.43	23.57			
	1	23	23.56	23.49	23.49			
	12	6	23.47	23.69	23.53			
	25	0	22.86	23.03	22.91			
QPSK	1	0	22.07	22.36	22.03	-1.50	20.01	33.00
	1	24	22.21	22.40	22.06			
	1	1	23.28	23.35	23.14			
	1	23	23.28	23.41	23.16			
	12	6	23.48	23.66	23.43			
	25	0	22.32	22.58	22.29			
16QAM	1	1	22.08	22.75	22.12	-1.50	19.10	33.00
64QAM	1	1	20.70	20.82	21.07	-1.50	17.42	33.00
256QAM	1	1	18.90	19.96	18.52	-1.50	16.31	33.00
NR Band n2 - SCS 15kHz - 5MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			370500	376000	381500			
			1852.5MHz	1880.0MHz	1907.5MHz			
QPSK	1	0	20.77	21.01	20.40	-1.50	19.04	33.00
	1	24	20.69	20.89	20.38			
	1	1	22.45	22.64	22.01			
	1	23	22.54	22.69	22.21			
	13	6	21.99	22.20	22.20			
	25	0	20.45	20.66	20.52			
16QAM	1	1	21.29	21.67	21.46	-1.50	18.02	33.00
64QAM	1	1	20.49	19.66	20.06	-1.50	16.84	33.00
256QAM	1	1	16.96	17.59	16.82	-1.50	13.94	33.00

NR Band n2 - SCS 15kHz - 10MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			371000	376000	381000			
			1855.0MHz	1880.0MHz	1905.0MHz			
PI/2 BPSK	1	0	22.71	22.89	22.76	-1.50	20.07	33.00
	1	51	22.79	22.88	22.90			
	1	1	23.44	23.45	23.42			
	1	50	23.50	23.54	23.51			
	25	12	23.56	23.72	23.46			
	50	0	22.95	23.07	22.87			
QPSK	1	0	21.85	22.01	22.12	-1.50	19.99	33.00
	1	51	21.99	22.08	22.07			
	1	1	22.93	23.16	23.16			
	1	50	23.11	23.23	23.14			
	25	12	23.63	23.64	23.38			
	50	0	22.49	22.58	22.36			
16QAM	1	1	22.30	22.40	22.05	-1.50	18.75	33.00
64QAM	1	1	20.56	20.76	20.33	-1.50	17.11	33.00
256QAM	1	1	18.69	18.66	18.82	-1.50	15.17	33.00
NR Band n2 - SCS 15kHz - 10MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			371000	376000	381000			
			1855.0MHz	1880.0MHz	1905.0MHz			
QPSK	1	0	20.12	20.29	19.77	-1.50	18.94	33.00
	1	51	20.38	20.41	19.81			
	1	1	21.92	21.92	21.60			
	1	50	22.00	21.99	21.74			
	26	13	22.12	22.20	21.99			
	52	0	22.59	20.69	22.48			
16QAM	1	1	21.39	21.40	21.18	-1.50	17.75	33.00
64QAM	1	1	19.10	19.12	19.51	-1.50	15.86	33.00
256QAM	1	1	17.11	17.19	16.62	-1.50	13.54	33.00

NR Band n2 - SCS 15kHz - 15MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			371500	376000	380500			
			1857.5MHz	1880.0MHz	1902.5MHz			
PI/2 BPSK	1	0	22.80	22.95	22.87	-1.50	19.98	33.00
	1	78	22.83	23.08	22.93			
	1	1	23.44	23.60	23.55			
	1	77	23.51	23.63	23.51			
	36	18	23.50	23.57	23.51			
	75	0	22.79	22.84	22.75			
QPSK	1	0	22.19	22.36	22.18	-1.50	19.98	33.00
	1	78	22.23	22.40	22.21			
	1	1	23.26	23.35	23.32			
	1	77	23.29	23.48	23.26			
	36	18	23.52	23.63	23.46			
	75	0	22.31	22.44	22.28			
16QAM	1	1	22.08	22.38	22.18	-1.50	18.73	33.00
64QAM	1	1	20.48	21.01	20.63	-1.50	17.36	33.00
256QAM	1	1	18.79	19.12	19.15	-1.50	15.50	33.00
NR Band n2 - SCS 15kHz - 15MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			371500	376000	380500			
			1857.5MHz	1880.0MHz	1902.5MHz			
QPSK	1	0	20.27	20.21	20.61	-1.50	18.70	33.00
	1	78	20.46	20.33	20.62			
	1	1	22.22	22.00	22.31			
	1	77	22.21	22.08	22.20			
	39	19	22.07	22.15	22.00			
	79	0	22.35	20.42	22.28			
16QAM	1	1	21.25	21.88	21.81	-1.50	18.23	33.00
64QAM	1	1	19.05	19.90	19.60	-1.50	16.25	33.00
256QAM	1	1	16.62	16.74	17.35	-1.50	13.70	33.00

NR Band n2 - SCS 15kHz -20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			372000	376000	380000			
			1860.0MHz	1880.0MHz	1900.0MHz			
PI/2 BPSK	1	0	22.66	22.79	23.49	-1.50	19.91	33.00
	1	105	22.80	22.91	22.91			
	1	1	23.43	23.37	23.40			
	1	104	23.48	23.48	23.51			
	50	25	23.51	23.56	23.31			
	100	0	22.91	22.95	22.84			
QPSK	1	0	22.33	22.45	22.61	-1.50	20.08	33.00
	1	105	22.49	22.53	22.50			
	1	1	23.52	23.52	23.73			
	1	104	23.56	23.66	23.60			
	50	25	23.43	23.44	23.36			
	100	0	22.45	22.50	22.41			
16QAM	1	1	21.96	22.37	22.32	-1.50	18.72	33.00
64QAM	1	1	20.49	21.06	20.58	-1.50	17.41	33.00
256QAM	1	1	18.84	19.14	18.61	-1.50	15.49	33.00
NR Band n2 - SCS 15kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			372000	376000	380000			
			1860.0MHz	1880.0MHz	1900.0MHz			
QPSK	1	0	20.35	20.52	20.59	-1.50	18.69	33.00
	1	105	20.34	20.64	20.51			
	1	1	22.03	22.25	22.30			
	1	104	22.17	22.34	22.23			
	53	26	21.91	22.03	21.97			
	106	0	20.34	20.39	20.36			
16QAM	1	1	21.44	21.60	21.45	-1.50	17.95	33.00
64QAM	1	1	19.51	20.28	19.51	-1.50	16.63	33.00
256QAM	1	1	16.87	17.17	16.61	-1.50	13.52	33.00

NR Band n5:

NR Band n5 - SCS 15kHz - 5MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165300	167300	169300			
			826.5MHz	836.5MHz	846.5MHz			
PI/2 BPSK	1	0	22.73	22.72	22.54	-3.40	17.83	38.45
	1	24	22.82	22.68	22.63			
	1	1	23.28	23.33	23.13			
	1	23	23.32	23.25	23.09			
	12	6	23.38	23.32	23.26			
	25	0	22.68	22.65	22.57			
QPSK	1	0	22.02	21.99	21.86	-3.40	17.78	38.45
	1	24	22.02	21.92	21.79			
	1	1	23.05	23.05	22.92			
	1	23	23.12	22.93	22.96			
	12	6	23.32	23.33	23.19			
	25	0	22.18	22.20	22.14			
16QAM	1	1	22.04	21.91	21.87	-3.40	16.49	38.45
64QAM	1	1	20.92	20.80	20.70	-3.40	15.37	38.45
256QAM	1	1	18.39	18.92	18.21	-3.40	13.37	38.45
NR Band n5 - SCS 15kHz - 5MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165300	167300	169300			
			826.5MHz	836.5MHz	846.5MHz			
QPSK	1	0	21.94	20.55	20.28	-3.40	16.76	38.45
	1	24	20.21	20.48	20.03			
	1	1	22.02	22.31	21.74			
	1	23	21.94	22.12	21.78			
	13	6	21.94	21.65	21.76			
	25	0	20.33	20.22	20.28			
16QAM	1	1	21.57	21.53	21.36	-3.40	16.02	38.45
64QAM	1	1	20.17	19.77	19.88	-3.40	14.62	38.45
256QAM	1	1	16.96	17.79	16.60	-3.40	12.24	38.45

NR Band n5 - SCS 15kHz - 10MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
PI/2 BPSK	1	0	22.60	22.56	22.48	-3.40	17.87	38.45
	1	51	22.74	22.41	22.47			
	1	1	23.19	23.18	23.07			
	1	50	23.27	23.03	23.12			
	25	12	23.42	23.34	23.25			
	50	0	22.70	22.67	22.62			
QPSK	1	0	21.83	22.12	21.73	-3.40	17.92	38.45
	1	51	21.79	22.02	21.50			
	1	1	22.88	23.22	22.78			
	1	50	22.97	23.13	22.61			
	25	12	23.47	23.30	23.20			
	50	0	22.41	22.20	22.15			
16QAM	1	1	22.23	22.13	22.09	-3.40	16.68	38.45
64QAM	1	1	20.44	22.05	20.32	-3.40	16.50	38.45
256QAM	1	1	18.26	22.09	18.10	-3.40	16.54	38.45
NR Band n5 - SCS 15kHz - 10MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
QPSK	1	0	20.32	20.20	19.83	-3.40	16.40	38.45
	1	51	20.21	21.38	19.73			
	1	1	21.79	21.77	21.46			
	1	50	21.78	21.68	21.48			
	26	13	21.95	21.83	21.79			
	52	0	20.43	20.26	20.24			
16QAM	1	1	21.24	21.44	20.92	-3.40	15.89	38.45
64QAM	1	1	19.14	19.73	18.75	-3.40	14.18	38.45
256QAM	1	1	16.96	16.69	16.70	-3.40	11.41	38.45

NR Band n5 - SCS 15kHz - 15MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			166300	167300	168300			
			831.5MHz	836.5MHz	841.5MHz			
PI/2 BPSK	1	0	22.74	22.53	22.72	-3.40	17.86	38.45
	1	78	22.77	22.51	21.80			
	1	1	23.37	23.15	23.35			
	1	77	23.35	23.16	22.92			
	36	18	23.41	23.27	22.71			
	75	0	22.65	22.54	22.31			
QPSK	1	0	21.86	21.97	21.80	-3.40	17.80	38.45
	1	78	21.68	21.95	21.61			
	1	1	22.92	23.05	22.92			
	1	77	22.85	23.03	22.72			
	36	18	23.29	23.24	23.35			
	75	0	22.20	22.14	22.24			
16QAM	1	1	22.09	22.18	22.12	-3.40	16.63	38.45
64QAM	1	1	20.80	20.65	20.84	-3.40	15.29	38.45
256QAM	1	1	18.20	18.72	18.22	-3.40	13.17	38.45
NR Band n5 - SCS 15kHz - 15MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			166300	167300	168300			
			831.5MHz	836.5MHz	841.5MHz			
QPSK	1	0	20.47	20.40	22.14	-3.40	16.60	38.45
	1	78	20.23	20.36	21.83			
	1	1	22.03	22.15	20.36			
	1	77	21.92	22.14	22.15			
	39	19	21.73	21.83	20.40			
	79	0	20.11	20.15	20.02			
16QAM	1	1	21.57	21.83	21.55	-3.40	16.28	38.45
64QAM	1	1	19.46	20.02	19.57	-3.40	14.47	38.45
256QAM	1	1	16.95	17.01	16.85	-3.40	11.46	38.45

NR Band n5 - SCS 15kHz -20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
PI/2 BPSK	1	0	22.56	22.52	22.63	-3.40	17.66	38.45
	1	105	22.55	22.43	22.51			
	1	1	23.20	23.10	23.17			
	1	104	23.20	23.00	23.11			
	50	25	23.21	23.15	23.12			
	100	0	22.65	22.61	22.57			
QPSK	1	0	21.94	22.20	21.99	-3.40	17.74	38.45
	1	105	22.00	22.08	21.97			
	1	1	23.08	23.29	23.17			
	1	104	23.06	23.13	23.07			
	50	25	23.23	23.18	23.12			
	100	0	22.21	22.19	22.12			
16QAM	1	1	22.14	22.31	22.15	-3.40	16.76	38.45
64QAM	1	1	20.63	20.35	20.45	-3.40	15.08	38.45
256QAM	1	1	18.18	18.95	18.87	-3.40	13.40	38.45
NR Band n5 - SCS 15kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
QPSK	1	0	20.34	20.10	20.27	-3.40	16.46	38.45
	1	105	20.10	19.94	20.07			
	1	1	22.01	21.82	21.94			
	1	104	21.82	21.67	21.66			
	53	26	21.63	21.62	21.60			
	106	0	20.08	20.06	20.03			
16QAM	1	1	21.62	21.35	21.36	-3.40	16.07	38.45
64QAM	1	1	19.50	19.44	19.65	-3.40	14.10	38.45
256QAM	1	1	16.50	16.93	16.46	-3.40	11.38	38.45

NR Band n7:

NR Band n7 - SCS 15kHz - 5MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			500500	507000	513500			
			2502.5MHz	2535.0MHz	2567.5MHz			
PI/2 BPSK	1	0	23.31	23.32	23.12	-2.20	19.56	33.00
	1	24	23.25	23.31	23.17			
	1	1	23.79	23.84	23.73			
	1	23	23.74	23.91	23.69			
	12	6	23.87	23.90	23.89			
	25	0	23.15	23.18	23.12			
QPSK	1	0	23.02	22.50	22.48	-2.20	19.64	33.00
	1	24	22.95	22.51	22.58			
	1	1	23.99	23.59	23.51			
	1	23	23.99	23.57	23.64			
	12	6	23.87	23.86	23.86			
	25	0	22.78	22.76	22.76			
16QAM	1	1	22.37	22.38	22.96	-2.20	18.61	33.00
64QAM	1	1	21.02	21.37	21.15	-2.20	17.02	33.00
256QAM	1	1	19.18	19.44	19.20	-2.20	15.09	33.00
NR Band n7 - SCS 15kHz - 5MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			500500	507000	513500			
			2502.5MHz	2535.0MHz	2567.5MHz			
QPSK	1	0	20.51	21.10	20.81	-2.20	18.53	33.00
	1	24	20.74	21.13	20.79			
	1	1	22.28	22.82	22.56			
	1	23	22.28	22.77	22.40			
	13	6	22.52	22.22	22.36			
	25	0	22.88	20.85	22.74			
16QAM	1	1	21.50	21.97	20.74	-2.20	17.62	33.00
64QAM	1	1	19.62	20.31	20.39	-2.20	16.04	33.00
256QAM	1	1	17.08	18.07	17.50	-2.20	13.72	33.00

NR Band n7 - SCS 15kHz - 10MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			500500	507000	513000			
			2505.0MHz	2535.0MHz	2565.0MHz			
PI/2 BPSK	1	0	23.34	23.09	23.17	-2.20	19.60	33.00
	1	51	23.26	23.05	23.22			
	1	1	23.95	23.72	23.75			
	1	50	23.86	23.70	23.84			
	25	12	23.86	23.84	23.87			
	50	0	23.35	23.33	23.36			
QPSK	1	0	22.72	22.77	22.76	-2.20	19.58	33.00
	1	51	22.71	22.67	22.81			
	1	1	23.93	23.92	23.87			
	1	50	23.91	23.87	23.80			
	25	12	23.86	23.88	23.84			
	50	0	22.78	22.81	22.75			
16QAM	1	1	22.69	22.80	22.58	-2.20	18.45	33.00
64QAM	1	1	21.60	21.38	20.71	-2.20	17.25	33.00
256QAM	1	1	18.95	18.86	18.74	-2.20	14.60	33.00
NR Band n7 - SCS 15kHz - 10MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			500500	507000	513000			
			2505.0MHz	2535.0MHz	2565.0MHz			
QPSK	1	0	20.94	20.46	20.39	-2.20	18.06	33.00
	1	51	20.69	20.47	20.43			
	1	1	22.38	22.25	22.06			
	1	50	22.41	22.30	22.28			
	26	13	22.28	22.33	22.29			
	52	0	20.71	20.75	20.72			
16QAM	1	1	22.17	21.76	21.81	-2.20	17.82	33.00
64QAM	1	1	20.24	20.64	19.84	-2.20	16.29	33.00
256QAM	1	1	16.92	16.74	17.17	-2.20	12.82	33.00

NR Band n7 - SCS 15kHz - 15MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			501500	507000	512500			
			2507.5MHz	2535.0MHz	2562.5MHz			
PI/2 BPSK	1	0	23.20	23.06	23.15	-2.20	19.54	33.00
	1	78	23.11	23.03	23.16			
	1	1	23.79	23.54	23.68			
	1	77	23.89	23.68	23.74			
	36	18	23.82	23.72	23.79			
	75	0	23.14	23.12	23.13			
QPSK	1	0	22.54	22.32	22.51	-2.20	19.47	33.00
	1	78	22.56	22.37	22.53			
	1	1	23.58	23.50	23.60			
	1	77	23.58	23.51	23.61			
	36	18	23.76	23.80	23.82			
	75	0	22.71	22.74	22.78			
16QAM	1	1	22.44	22.63	22.49	-2.20	18.28	33.00
64QAM	1	1	20.84	20.86	20.84	-2.20	16.51	33.00
256QAM	1	1	19.03	19.35	19.06	-2.20	15.00	33.00
NR Band n7 - SCS 15kHz - 15MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			501500	507000	512500			
			2507.5MHz	2535.0MHz	2562.5MHz			
QPSK	1	0	20.68	20.57	20.80	-2.20	18.26	33.00
	1	78	20.77	20.53	20.73			
	1	1	22.45	22.46	22.53			
	1	77	22.44	22.52	22.61			
	39	19	22.33	22.36	22.56			
	79	0	20.58	20.62	20.75			
16QAM	1	1	21.63	21.45	21.43	-2.20	17.28	33.00
64QAM	1	1	19.45	19.54	19.37	-2.20	15.19	33.00
256QAM	1	1	16.76	16.96	16.65	-2.20	12.61	33.00

NR Band n7 - SCS 15kHz -20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			502000	507000	512000			
			2510.0MHz	2535.0MHz	2560.0MHz			
PI/2 BPSK	1	0	23.17	23.01	23.06	-2.20	19.45	33.00
	1	105	23.16	22.98	23.09			
	1	1	23.76	23.59	23.68			
	1	104	23.80	23.65	23.67			
	50	25	23.66	23.63	23.64			
	100	0	23.30	23.28	23.29			
QPSK	1	0	22.86	22.86	22.28	-2.20	19.67	33.00
	1	105	22.87	22.72	22.66			
	1	1	24.02	23.91	23.73			
	1	104	23.86	23.67	23.84			
	50	25	23.68	23.66	23.74			
	100	0	22.79	22.75	22.77			
16QAM	1	1	22.56	22.78	22.64	-2.20	18.43	33.00
64QAM	1	1	20.95	21.12	20.71	-2.20	16.77	33.00
256QAM	1	1	18.78	19.11	19.20	-2.20	14.85	33.00
NR Band n7 - SCS 15kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			502000	507000	512000			
			2510.0MHz	2535.0MHz	2560.0MHz			
QPSK	1	0	20.76	20.43	20.61	-2.20	18.25	33.00
	1	105	20.73	20.54	20.53			
	1	1	22.01	22.08	22.21			
	1	104	22.45	22.13	22.21			
	53	26	22.26	22.19	22.21			
	106	0	22.60	20.54	22.57			
16QAM	1	1	21.36	22.07	21.82	-2.20	17.72	33.00
64QAM	1	1	19.62	20.32	19.88	-2.20	15.97	33.00
256QAM	1	1	16.58	17.03	17.07	-2.20	12.72	33.00

NR Band n26_Part 22:

NR Band n26_Part 22 - SCS 15kHz - 5MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165300	167300	169300			
			826.5MHz	836.5MHz	846.5MHz			
PI/2 BPSK	1	0	22.92	22.78	22.66	-3.40	17.91	38.45
	1	24	22.84	22.64	22.65			
	1	1	23.46	23.29	23.13			
	1	23	23.31	23.27	23.10			
	12	6	23.46	23.38	23.21			
	25	0	22.83	22.79	22.70			
QPSK	1	0	22.20	22.01	22.01	-3.40	17.93	38.45
	1	24	22.15	22.00	21.84			
	1	1	23.18	23.11	23.03			
	1	23	23.12	23.03	23.03			
	12	6	23.48	23.38	23.24			
	25	0	22.44	22.34	22.21			
16QAM	1	1	22.02	22.05	21.95	-3.40	16.50	38.45
64QAM	1	1	20.69	20.91	20.82	-3.40	15.36	38.45
256QAM	1	1	18.72	18.74	18.42	-3.40	13.19	38.45
NR Band n26_Part 22 - SCS 15kHz - 5MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165300	167300	169300			
			826.5MHz	836.5MHz	846.5MHz			
QPSK	1	0	20.67	20.14	20.32	-3.40	16.82	38.45
	1	24	20.60	20.20	20.06			
	1	1	22.37	21.76	21.92			
	1	23	22.34	21.00	21.87			
	13	6	21.87	22.03	21.89			
	25	0	20.43	20.27	20.11			
16QAM	1	1	21.29	21.53	21.47	-3.40	15.98	38.45
64QAM	1	1	20.62	19.46	20.03	-3.40	15.07	38.45
256QAM	1	1	17.01	16.96	16.72	-3.40	11.46	38.45

NR Band n26_Part 22 - SCS 15kHz - 10MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
PI/2 BPSK	1	0	22.73	22.65	22.66	-3.40	17.92	38.45
	1	51	22.71	22.57	22.55			
	1	1	23.36	23.34	23.24			
	1	50	23.26	22.65	23.11			
	25	12	23.30	23.47	23.26			
	50	0	22.63	22.75	22.59			
QPSK	1	0	22.00	22.43	22.19	-3.40	17.93	38.45
	1	51	21.90	22.35	22.23			
	1	1	23.07	23.48	22.16			
	1	50	23.03	23.45	23.29			
	25	12	23.26	23.37	23.25			
	50	0	22.18	22.34	22.19			
16QAM	1	1	22.08	22.31	22.02	-3.40	16.76	38.45
64QAM	1	1	20.33	21.08	20.29	-3.40	15.53	38.45
256QAM	1	1	18.64	18.61	18.34	-3.40	13.09	38.45
NR Band n26_Part 22 - SCS 15kHz - 10MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
QPSK	1	0	19.94	20.02	19.85	-3.40	16.34	38.45
	1	51	19.65	19.70	19.77			
	1	1	21.48	21.57	21.59			
	1	50	21.50	21.33	21.64			
	26	13	21.83	21.89	21.78			
	52	0	20.23	20.23	20.15			
16QAM	1	1	21.08	21.59	21.40	-3.40	16.04	38.45
64QAM	1	1	19.42	19.88	19.37	-3.40	14.33	38.45
256QAM	1	1	16.50	17.18	16.90	-3.40	11.63	38.45

NR Band n26_Part 22 - SCS 15kHz - 15MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			166300	167300	168300			
			831.5MHz	836.5MHz	841.5MHz			
PI/2 BPSK	1	0	22.80	22.80	22.75	-3.40	17.93	38.45
	1	78	22.80	22.78	22.61			
	1	1	23.45	23.48	23.37			
	1	77	23.38	23.35	23.27			
	36	18	23.42	23.34	23.21			
	75	0	22.67	22.74	22.59			
QPSK	1	0	22.19	22.23	22.00	-3.40	17.85	38.45
	1	78	22.13	22.09	21.78			
	1	1	23.26	23.40	23.14			
	1	77	23.27	23.35	22.95			
	36	18	23.33	23.36	23.26			
	75	0	22.21	22.22	22.09			
16QAM	1	1	21.95	22.12	22.06	-3.40	16.57	38.45
64QAM	1	1	20.35	20.50	20.58	-3.40	15.03	38.45
256QAM	1	1	19.04	19.08	18.91	-3.40	13.53	38.45
NR Band n26_Part 22 - SCS 15kHz - 15MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			166300	167300	168300			
			831.5MHz	836.5MHz	841.5MHz			
QPSK	1	0	20.16	20.02	20.50	-3.40	16.65	38.45
	1	78	20.08	20.28	20.34			
	1	1	21.77	21.79	22.20			
	1	77	21.94	21.88	21.92			
	39	19	22.17	22.07	21.76			
	79	0	20.23	20.20	20.10			
16QAM	1	1	21.47	21.67	21.67	-3.40	16.12	38.45
64QAM	1	1	19.12	19.21	19.57	-3.40	14.02	38.45
256QAM	1	1	17.40	17.42	17.12	-3.40	11.87	38.45

NR Band n26_Part 22 - SCS 15kHz -20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
PI/2 BPSK	1	0	22.75	22.66	22.74	-3.40	17.78	38.45
	1	105	22.55	22.74	22.53			
	1	1	23.24	23.33	23.30			
	1	104	23.10	23.30	23.16			
	50	25	23.29	23.21	23.11			
	100	0	22.75	22.68	22.72			
QPSK	1	0	23.35	22.05	22.39	-3.40	17.93	38.45
	1	105	22.22	22.06	22.28			
	1	1	23.48	23.18	23.41			
	1	104	23.37	23.14	23.38			
	50	25	23.31	23.24	23.25			
	100	0	22.32	22.23	22.24			
16QAM	1	1	22.15	22.27	22.17	-3.40	16.72	38.45
64QAM	1	1	20.46	20.86	20.41	-3.40	15.31	38.45
256QAM	1	1	18.36	18.39	18.42	-3.40	12.87	38.45
NR Band n26_Part 22 - SCS 15kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			165800	167300	168800			
			829.0MHz	836.5MHz	844.0MHz			
QPSK	1	0	20.32	20.39	20.35	-3.40	16.58	38.45
	1	105	20.25	20.23	20.16			
	1	1	21.97	22.13	21.97			
	1	104	21.85	21.94	21.90			
	53	26	21.92	21.55	21.76			
	106	0	20.25	20.25	20.09			
16QAM	1	1	21.14	21.75	21.25	-3.40	16.20	38.45
64QAM	1	1	19.76	19.80	19.31	-3.40	14.25	38.45
256QAM	1	1	16.48	16.81	16.50	-3.40	11.26	38.45

NR Band n26_Part 90:

NR Band n26_Part 90 - SCS 15kHz - 5MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			163300	163800	164300			
			816.5MHz	819.0MHz	821.5MHz			
PI/2 BPSK	1	0	22.81	22.72	22.79	-3.40	17.92	50.0
	1	24	22.85	22.71	22.86			
	1	1	23.25	23.22	23.32			
	1	23	23.32	23.17	23.25			
	12	6	23.35	23.41	23.47			
	25	0	22.92	22.75	22.81			
QPSK	1	0	22.48	22.23	22.15	-3.40	17.89	50.0
	1	24	22.51	22.24	22.18			
	1	1	23.37	23.21	23.16			
	1	23	23.43	23.14	23.10			
	12	6	23.44	23.42	23.40			
	25	0	22.40	22.26	22.39			
16QAM	1	1	21.88	22.29	22.05	-3.40	16.74	50.0
64QAM	1	1	20.56	20.78	20.98	-3.40	15.43	50.0
256QAM	1	1	18.57	19.07	16.48	-3.40	13.52	50.0
NR Band n26_Part 90 - SCS 15kHz - 5MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			163300	163800	164300			
			816.5MHz	819.0MHz	821.5MHz			
QPSK	1	0	20.20	20.10	20.40	-3.40	16.55	50.0
	1	24	20.27	20.15	20.36			
	1	1	21.86	21.89	22.10			
	1	23	21.79	21.88	22.09			
	13	6	22.06	21.94	22.02			
	25	0	20.60	20.37	20.25			
16QAM	1	1	21.03	21.45	21.57	-3.40	16.02	50.0
64QAM	1	1	19.23	20.23	20.33	-3.40	14.78	50.0
256QAM	1	1	16.94	17.25	17.02	-3.40	11.70	50.0

NR Band n26_Part 90 - SCS 15kHz - 10MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			/	163800	/			
			/	819.0MHz	/			
PI/2 BPSK	1	0	/	22.76	/	-3.40	17.86	50.0
	1	51	/	22.75	/			
	1	1	/	23.28	/			
	1	50	/	23.41	/			
	25	12	/	23.40	/			
	50	0	/	22.76	/			
QPSK	1	0	/	22.09	/	-3.40	17.85	50.0
	1	51	/	22.25	/			
	1	1	/	23.18	/			
	1	50	/	23.36	/			
	25	12	/	23.40	/			
	50	0	/	22.36	/			
16QAM	1	1	/	22.33	/	-3.40	16.78	50.0
64QAM	1	1	/	20.30	/	-3.40	14.75	50.0
256QAM	1	1	/	18.71	/	-3.40	13.16	50.0
NR Band n26_Part 90 - SCS 15kHz - 10MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			/	163800	/			
			/	819.0MHz	/			
QPSK	1	0	/	20.07	/	-3.40	16.38	50.0
	1	51	/	20.00	/			
	1	1	/	21.59	/			
	1	50	/	21.68	/			
	26	13	/	21.93	/			
	52	0	/	20.33	/			
16QAM	1	1	/	21.30	/	-3.40	15.75	50.0
64QAM	1	1	/	19.52	/	-3.40	13.97	50.0
256QAM	1	1	/	16.56	/	-3.40	11.01	50.0

NR Band n66:

NR Band n66 - SCS 15kHz - 5MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			342500	349000	355500			
			1712.5MHz	1745.0MHz	1777.5MHz			
PI/2 BPSK	1	0	22.85	22.84	22.88	-0.50	20.97	30.00
	1	24	22.91	22.91	22.93			
	1	1	23.33	23.45	23.41			
	1	23	23.43	23.46	23.45			
	12	6	23.60	23.62	23.27			
	25	0	22.98	23.02	22.75			
QPSK	1	0	22.50	22.59	22.21	-0.50	20.99	30.00
	1	24	22.56	22.61	22.26			
	1	1	23.54	23.61	23.28			
	1	23	23.52	23.60	23.30			
	12	6	23.45	23.64	23.39			
	25	0	22.24	22.54	22.21			
16QAM	1	1	22.01	22.34	21.84	-0.50	19.69	30.00
64QAM	1	1	20.53	21.26	20.60	-0.50	18.61	30.00
256QAM	1	1	18.97	18.88	19.04	-0.50	16.39	30.00
NR Band n66 - SCS 15kHz - 5MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			342500	349000	355500			
			1712.5MHz	1745.0MHz	1777.5MHz			
QPSK	1	0	20.24	20.57	20.66	-0.50	19.78	30.00
	1	24	20.40	20.51	20.69			
	1	1	21.92	22.34	22.27			
	1	23	21.93	22.33	22.43			
	13	6	22.00	22.20	21.70			
	25	0	20.12	20.38	20.01			
16QAM	1	1	20.96	21.81	21.33	-0.50	19.16	30.00
64QAM	1	1	19.44	20.78	19.76	-0.50	18.13	30.00
256QAM	1	1	17.04	17.51	17.49	-0.50	14.86	30.00

NR Band n66 - SCS 15kHz - 10MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			343000	349000	355000			
			1715.0MHz	1745.0MHz	1775.0MHz			
PI/2 BPSK	1	0	22.65	23.05	22.86	-0.50	20.97	30.00
	1	51	22.63	23.01	22.71			
	1	1	23.34	23.62	23.37			
	1	50	23.25	23.56	23.40			
	25	12	23.49	23.54	23.29			
	50	0	22.82	22.99	22.67			
QPSK	1	0	22.25	22.39	22.17	-0.50	20.90	30.00
	1	51	22.33	22.33	22.15			
	1	1	23.50	23.50	23.29			
	1	50	23.37	23.49	23.29			
	25	12	23.47	23.55	23.40			
	50	0	22.34	22.44	22.28			
16QAM	1	1	21.88	22.46	22.16	-0.50	19.81	30.00
64QAM	1	1	20.32	21.32	21.02	-0.50	18.67	30.00
256QAM	1	1	18.84	18.98	18.66	-0.50	16.33	30.00

NR Band n66 - SCS 15kHz - 10MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			343000	349000	355000			
			1715.0MHz	1745.0MHz	1775.0MHz			
QPSK	1	0	20.06	20.58	20.25	-0.50	19.43	30.00
	1	51	20.06	20.54	20.10			
	1	1	21.89	22.08	21.92			
	1	50	21.67	21.91	21.91			
	26	13	21.89	22.06	21.81			
	52	0	20.35	20.48	20.29			
16QAM	1	1	21.12	21.88	21.72	-0.50	19.23	30.00
64QAM	1	1	20.18	20.10	19.92	-0.50	17.53	30.00
256QAM	1	1	17.65	17.14	16.79	-0.50	15.00	30.00

NR Band n66 - SCS 15kHz - 15MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			343500	349000	354500			
			1717.5MHz	1745.0MHz	1772.5MHz			
PI/2 BPSK	1	0	22.77	22.96	22.77	-0.50	20.95	30.00
	1	78	22.73	22.84	22.62			
	1	1	23.31	23.41	23.38			
	1	77	23.31	23.36	23.23			
	36	18	23.49	23.60	23.32			
	75	0	22.72	22.85	22.61			
QPSK	1	0	22.56	22.37	21.96	-0.50	21.03	30.00
	1	78	22.48	22.22	21.82			
	1	1	23.68	23.32	23.14			
	1	77	23.62	23.29	22.96			
	36	18	23.39	23.48	23.35			
	75	0	22.25	22.41	22.18			
16QAM	1	1	22.15	22.42	21.95	-0.50	19.77	30.00
64QAM	1	1	20.34	20.89	20.78	-0.50	18.24	30.00
256QAM	1	1	19.01	19.10	18.96	-0.50	16.45	30.00
NR Band n66 - SCS 15kHz - 15MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			343500	349000	354500			
			1717.5MHz	1745.0MHz	1772.5MHz			
QPSK	1	0	20.44	20.77	20.32	-0.50	19.78	30.00
	1	78	20.59	20.64	20.32			
	1	1	22.22	22.43	22.25			
	1	77	22.22	22.42	21.84			
	39	19	21.97	22.10	21.93			
	79	0	20.33	20.50	20.28			
16QAM	1	1	21.33	22.03	21.57	-0.50	19.38	30.00
64QAM	1	1	19.74	20.45	20.20	-0.50	17.80	30.00
256QAM	1	1	17.09	17.18	17.00	-0.50	14.53	30.00

NR Band n66 - SCS 15kHz -20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			344000	349000	354000			
			1720.0MHz	1745.0MHz	1770.0MHz			
PI/2 BPSK	1	0	22.79	22.71	22.70	-0.50	20.85	30.00
	1	105	22.69	22.70	22.62			
	1	1	23.36	23.28	23.26			
	1	104	23.33	23.24	23.18			
	50	25	23.33	23.50	23.31			
	100	0	22.68	22.90	22.65			
QPSK	1	0	22.22	22.43	22.31	-0.50	20.82	30.00
	1	105	22.43	22.39	22.21			
	1	1	23.38	23.45	23.41			
	1	104	23.45	23.44	23.32			
	50	25	23.28	23.47	23.17			
	100	0	22.25	22.50	22.17			
16QAM	1	1	22.31	22.41	21.95	-0.50	19.76	30.00
64QAM	1	1	20.69	20.58	20.40	-0.50	18.04	30.00
256QAM	1	1	18.57	19.61	18.82	-0.50	16.96	30.00
NR Band n66 - SCS 15kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			344000	349000	354000			
			1720.0MHz	1745.0MHz	1770.0MHz			
QPSK	1	0	20.02	20.23	20.31	-0.50	19.42	30.00
	1	105	20.03	20.21	20.33			
	1	1	21.76	22.07	22.03			
	1	104	21.80	22.06	21.90			
	53	26	21.70	22.03	21.88			
	106	0	20.31	20.42	20.38			
16QAM	1	1	21.20	21.52	21.35	-0.50	18.87	30.00
64QAM	1	1	19.95	19.72	19.49	-0.50	17.30	30.00
256QAM	1	1	16.54	17.28	16.97	-0.50	14.63	30.00

NR Band n66 - SCS 15kHz - 25MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			344500	349000	353500			
			1722.5MHz	1745.0MHz	1767.5MHz			
PI/2 BPSK	1	0	22.85	22.99	22.85	-0.50	21.01	30.00
	1	24	22.97	22.94	22.74			
	1	1	23.54	23.66	23.41			
	1	23	23.59	23.63	23.32			
	12	6	23.41	23.54	23.38			
	25	0	22.67	22.78	22.61			
QPSK	1	0	22.26	22.52	22.31	-0.50	20.86	30.00
	1	24	22.41	22.45	22.34			
	1	1	23.22	23.47	23.50			
	1	23	23.48	23.43	23.34			
	12	6	23.33	23.51	23.30			
	25	0	22.21	22.43	22.18			
16QAM	1	1	22.36	22.52	22.19	-0.50	19.87	30.00
64QAM	1	1	20.62	20.95	20.98	-0.50	18.33	30.00
256QAM	1	1	18.60	18.95	19.03	-0.50	16.38	30.00
NR Band n66 - SCS 15kHz - 25MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			344500	349000	353500			
			1722.5MHz	1745.0MHz	1767.5MHz			
QPSK	1	0	20.34	20.47	20.35	-0.50	19.57	30.00
	1	24	20.44	20.57	20.26			
	1	1	22.13	22.17	22.08			
	1	23	22.03	22.22	21.92			
	13	6	21.99	22.04	21.75			
	25	0	20.28	20.42	20.14			
16QAM	1	1	21.72	22.01	21.45	-0.50	19.36	30.00
64QAM	1	1	19.75	20.10	20.43	-0.50	17.78	30.00
256QAM	1	1	16.96	17.12	17.41	-0.50	14.76	30.00

NR Band n66 - SCS 15kHz - 30MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			345000	349000	353000			
			1725.0MHz	1745.0MHz	1765.0MHz			
PI/2 BPSK	1	0	22.71	22.92	22.89	-0.50	20.95	30.00
	1	51	22.70	22.93	22.69			
	1	1	23.46	23.60	23.46			
	1	50	23.56	23.50	23.31			
	25	12	23.36	23.49	23.39			
	50	0	20.72	22.95	20.75			
QPSK	1	0	22.30	22.44	22.30	-0.50	20.90	30.00
	1	51	22.29	22.32	22.21			
	1	1	23.40	23.55	23.44			
	1	50	23.47	23.48	23.44			
	25	12	23.43	23.54	23.29			
	50	0	22.27	22.37	22.13			
16QAM	1	1	22.08	22.47	22.07	-0.50	19.82	30.00
64QAM	1	1	20.80	21.07	20.96	-0.50	18.42	30.00
256QAM	1	1	18.92	18.98	19.25	-0.50	16.60	30.00
NR Band n66 - SCS 15kHz - 30MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			345000	349000	353000			
			1725.0MHz	1745.0MHz	1765.0MHz			
QPSK	1	0	22.01	20.40	20.38	-0.50	19.45	30.00
	1	51	20.36	20.35	20.17			
	1	1	21.90	22.03	21.95			
	1	50	22.02	22.02	21.83			
	26	13	21.83	22.10	21.78			
	52	0	20.34	20.46	20.51			
16QAM	1	1	21.44	21.68	21.47	-0.50	19.03	30.00
64QAM	1	1	20.05	20.11	20.21	-0.50	17.56	30.00
256QAM	1	1	17.15	17.17	17.40	-0.50	14.75	30.00

NR Band n66 - SCS 15kHz - 40MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			346000	349000	352000			
			1730.0MHz	1745.0MHz	1760.0MHz			
PI/2 BPSK	1	0	22.88	22.87	22.85	-0.50	20.97	30.00
	1	78	22.82	22.85	22.83			
	1	1	23.52	23.45	23.42			
	1	77	23.62	23.47	23.45			
	36	18	23.57	23.52	23.53			
	75	0	22.35	22.31	22.29			
QPSK	1	0	22.39	22.33	22.27	-0.50	20.97	30.00
	1	78	22.47	22.46	22.42			
	1	1	23.62	23.50	23.57			
	1	77	23.60	23.56	23.54			
	36	18	23.58	23.57	23.56			
	75	0	22.52	22.50	22.48			
16QAM	1	1	21.24	22.34	22.29	-0.50	19.69	30.00
64QAM	1	1	20.62	21.03	20.86	-0.50	18.38	30.00
256QAM	1	1	19.13	19.25	19.20	-0.50	16.60	30.00
NR Band n66 - SCS 15kHz - 40MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			346000	349000	352000			
			1730.0MHz	1745.0MHz	1760.0MHz			
QPSK	1	0	20.44	20.32	20.38	-0.50	19.64	30.00
	1	78	20.65	20.37	20.45			
	1	1	22.26	22.12	22.24			
	1	77	22.29	21.97	22.08			
	39	19	22.16	22.02	22.04			
	79	0	20.57	20.41	20.48			
16QAM	1	1	21.52	21.53	21.46	-0.50	18.88	30.00
64QAM	1	1	19.90	20.54	20.22	-0.50	17.89	30.00
256QAM	1	1	17.26	17.49	17.34	-0.50	14.84	30.00

NR Band n41:

NR Band n41 - SCS 30kHz - 20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			501204	518598	535998			
			2506.02MHz	2592.99MHz	2679.99MHz			
PI/2 BPSK	1	0	22.97	23.12	22.65	-1.00	25.83	33.00
	1	50	22.81	23.13	22.58			
	1	1	26.45	26.67	26.38			
	1	49	26.41	26.54	26.02			
	25	12	26.56	26.83	26.38			
	50	0	26.15	26.26	26.02			
QPSK	1	0	23.02	23.35	22.76	-1.00	25.88	33.00
	1	50	22.92	23.40	22.57			
	1	1	26.65	26.88	26.17			
	1	49	26.56	26.87	26.06			
	25	12	26.47	26.55	26.35			
	50	0	25.67	25.74	25.61			
16QAM	1	1	25.35	25.57	25.26	-1.00	24.57	33.00
64QAM	1	1	24.00	23.95	23.98	-1.00	23.00	33.00
256QAM	1	1	22.20	21.87	21.63	-1.00	21.20	33.00
NR Band n41 - SCS 30kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			501204	518598	535998			
			2506.02MHz	2592.99MHz	2679.99MHz			
QPSK	1	0	22.97	23.10	22.89	-1.00	24.20	33.00
	1	50	22.90	23.16	22.49			
	1	1	25.04	25.14	24.78			
	1	49	25.02	25.20	24.74			
	25	12	25.10	25.16	24.85			
	51	0	23.65	23.72	23.34			
16QAM	1	1	24.64	25.20	24.54	-1.00	24.20	33.00
64QAM	1	1	22.98	23.32	22.95	-1.00	22.32	33.00
256QAM	1	1	20.19	19.76	19.73	-1.00	19.19	33.00

NR Band n41 - SCS 30kHz - 30MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			502200	518598	534996			
			2511.00MHz	2592.99MHz	2674.98MHz			
PI/2 BPSK	1	0	23.20	23.32	23.02	-1.00	25.97	33.00
	1	77	23.00	23.30	22.78			
	1	1	26.73	26.92	26.63			
	1	76	26.70	26.97	26.18			
	36	18	26.59	26.78	26.36			
	75	0	26.15	26.24	26.01			
QPSK	1	0	23.17	23.40	23.06	-1.00	25.99	33.00
	1	77	23.05	23.41	22.66			
	1	1	26.73	26.99	26.48			
	1	76	26.63	26.98	26.31			
	36	18	26.58	26.77	26.59			
	75	0	25.71	25.79	25.73			
16QAM	1	1	25.77	25.98	25.66	-1.00	24.98	33.00
64QAM	1	1	24.25	24.45	24.06	-1.00	23.45	33.00
256QAM	1	1	21.91	22.26	21.81	-1.00	21.26	33.00
NR Band n41 - SCS 30kHz - 30MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			502200	518598	534996			
			2511.00MHz	2592.99MHz	2674.98MHz			
QPSK	1	0	22.90	23.15	24.90	-1.00	24.46	33.00
	1	77	22.78	23.18	22.44			
	1	1	25.34	25.46	24.85			
	1	76	24.98	25.30	24.91			
	39	19	25.05	25.20	25.12			
	78	0	23.64	23.74	23.48			
16QAM	1	1	24.87	25.07	24.62	-1.00	24.07	33.00
64QAM	1	1	23.41	23.34	23.17	-1.00	22.41	33.00
256QAM	1	1	20.26	20.64	19.96	-1.00	19.64	33.00

NR Band n41 - SCS 30kHz - 40MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			503202	518598	534000			
			2516.01MHz	2592.99MHz	2670.00MHz			
PI/2 BPSK	1	0	22.88	23.12	22.72	-1.00	25.78	33.00
	1	105	22.91	23.13	22.45			
	1	1	26.59	26.67	26.28			
	1	104	26.31	26.66	26.00			
	50	25	26.57	26.78	26.22			
	100	0	26.11	26.25	25.89			
QPSK	1	0	23.14	23.38	22.94	-1.00	25.85	33.00
	1	105	23.01	23.43	22.68			
	1	1	26.70	26.85	26.53			
	1	104	26.50	26.74	26.26			
	50	25	26.54	26.77	26.21			
	100	0	25.54	25.72	25.28			
16QAM	1	1	25.68	25.41	25.58	-1.00	24.68	33.00
64QAM	1	1	24.26	24.35	24.05	-1.00	23.35	33.00
256QAM	1	1	21.88	22.26	21.78	-1.00	21.26	33.00
NR Band n41 - SCS 30kHz - 40MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			503202	518598	534000			
			2516.01MHz	2592.99MHz	2670.00MHz			
QPSK	1	0	23.06	23.06	22.98	-1.00	24.39	33.00
	1	105	22.92	23.09	22.73			
	1	1	25.39	25.06	25.09			
	1	104	25.18	25.07	24.87			
	53	26	25.05	25.27	24.96			
	106	0	23.67	23.85	23.11			
16QAM	1	1	24.81	24.71	24.49	-1.00	23.81	33.00
64QAM	1	1	23.41	23.34	23.28	-1.00	22.41	33.00
256QAM	1	1	20.03	20.41	19.90	-1.00	19.41	33.00

NR Band n41 - SCS 30kHz - 50MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			504204	518598	532998			
			2521.02MHz	2592.99MHz	2664.99MHz			
PI/2 BPSK	1	0	23.16	23.33	22.97	-1.00	25.94	33.00
	1	132	23.07	23.32	22.81			
	1	1	26.66	26.87	26.59			
	1	131	26.54	26.94	26.21			
	64	32	26.72	26.93	26.49			
	128	0	26.12	26.34	26.02			
QPSK	1	0	23.23	23.40	23.07	-1.00	25.92	33.00
	1	132	23.13	23.42	22.85			
	1	1	26.79	26.92	26.74			
	1	131	26.68	26.89	26.34			
	64	32	26.72	26.88	26.42			
	128	0	25.71	25.89	25.21			
16QAM	1	1	25.90	25.67	25.73	-1.00	24.90	33.00
64QAM	1	1	24.38	24.02	24.48	-1.00	23.48	33.00
256QAM	1	1	22.08	22.65	22.14	-1.00	21.65	33.00
NR Band n41 - SCS 30kHz - 50MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			504204	518598	532998			
			2521.02MHz	2592.99MHz	2664.99MHz			
QPSK	1	0	23.20	23.40	23.09	-1.00	24.53	33.00
	1	132	23.20	23.41	22.92			
	1	1	25.39	25.49	25.20			
	1	131	25.24	25.53	24.89			
	67	33	25.20	25.46	25.03			
	133	0	23.75	23.90	23.54			
16QAM	1	1	25.08	24.98	24.80	-1.00	24.08	33.00
64QAM	1	1	23.60	23.02	23.50	-1.00	22.60	33.00
256QAM	1	1	20.06	20.48	20.17	-1.00	19.48	33.00

NR Band n41 - SCS 30kHz - 60MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			505200	518598	531996			
			2526.00MHz	2592.99MHz	2659.98MHz			
PI/2 BPSK	1	0	23.07	23.13	23.00	-1.00	25.80	33.00
	1	161	22.85	23.11	22.55			
	1	1	26.47	26.80	26.55			
	1	160	26.45	26.68	26.18			
	81	40	26.44	26.72	26.27			
	162	0	26.11	26.24	25.85			
QPSK	1	0	23.16	23.20	23.09	-1.00	25.68	33.00
	1	161	22.94	23.07	22.68			
	1	1	26.57	26.65	26.55			
	1	160	26.37	26.63	26.12			
	81	40	26.49	26.68	26.21			
	162	0	25.42	25.69	25.12			
16QAM	1	1	25.60	25.53	25.64	-1.00	24.64	33.00
64QAM	1	1	24.23	24.16	24.29	-1.00	23.29	33.00
256QAM	1	1	21.89	22.05	21.92	-1.00	21.05	33.00
NR Band n41 - SCS 30kHz - 60MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			505200	518598	531996			
			2526.00MHz	2592.99MHz	2659.98MHz			
QPSK	1	0	23.05	23.32	23.07	-1.00	24.56	33.00
	1	161	22.90	23.21	22.59			
	1	1	25.28	25.56	25.13			
	1	160	25.44	25.40	24.84			
	81	40	24.98	25.02	24.95			
	162	0	23.58	23.75	23.54			
16QAM	1	1	24.89	24.60	24.76	-1.00	23.89	33.00
64QAM	1	1	23.52	23.05	23.47	-1.00	22.52	33.00
256QAM	1	1	20.07	20.21	20.15	-1.00	19.21	33.00

NR Band n41 - SCS 30kHz - 70MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			506202	518598	531000			
			2531.01MHz	2592.99MHz	2655.00MHz			
PI/2 BPSK	1	0	23.09	23.19	23.04	-1.00	25.89	33.00
	1	188	22.85	23.21	22.60			
	1	1	26.58	26.89	26.60			
	1	187	26.28	26.67	26.06			
	90	45	26.49	26.74	26.52			
	180	0	26.05	26.25	26.10			
QPSK	1	0	23.16	23.31	23.12	-1.00	25.80	33.00
	1	188	22.97	23.11	22.65			
	1	1	26.60	26.75	26.50			
	1	187	26.22	26.57	26.20			
	90	45	26.56	26.80	26.51			
	180	0	25.42	25.69	25.37			
16QAM	1	1	25.82	25.87	25.63	-1.00	24.87	33.00
64QAM	1	1	24.35	24.48	24.38	-1.00	23.48	33.00
256QAM	1	1	22.04	22.37	22.02	-1.00	21.37	33.00
NR Band n41 - SCS 30kHz - 70MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			506202	518598	531000			
			2531.01MHz	2592.99MHz	2655.00MHz			
QPSK	1	0	23.11	23.33	23.06	-1.00	24.52	33.00
	1	188	22.80	23.28	22.62			
	1	1	25.36	25.52	25.24			
	1	187	24.87	25.18	24.68			
	95	47	24.96	25.41	25.09			
	189	0	23.64	23.78	23.68			
16QAM	1	1	25.13	24.87	24.85	-1.00	24.13	33.00
64QAM	1	1	23.61	23.40	23.53	-1.00	22.61	33.00
256QAM	1	1	20.07	20.38	20.09	-1.00	19.38	33.00

NR Band n41 - SCS 30kHz - 80MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			507204	518598	529998			
			2536.02MHz	2592.99MHz	2649.99MHz			
PI/2 BPSK	1	0	23.25	23.24	23.17	-1.00	25.92	33.00
	1	216	22.94	23.13	22.61			
	1	1	26.68	26.85	26.77			
	1	215	26.57	26.76	26.28			
	108	54	26.62	26.92	26.31			
	216	0	26.05	26.31	25.89			
QPSK	1	0	26.64	23.28	23.32	-1.00	25.98	33.00
	1	216	23.05	23.16	22.57			
	1	1	26.63	26.98	26.87			
	1	215	26.55	26.90	26.24			
	108	54	26.64	26.92	26.65			
	216	0	25.51	25.92	25.53			
16QAM	1	1	23.14	25.71	25.96	-1.00	24.96	33.00
64QAM	1	1	24.53	24.45	24.39	-1.00	23.53	33.00
256QAM	1	1	22.03	22.44	22.14	-1.00	21.44	33.00
NR Band n41 - SCS 30kHz - 80MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			507204	518598	529998			
			2536.02MHz	2592.99MHz	2649.99MHz			
QPSK	1	0	23.15	23.34	23.20	-1.00	24.54	33.00
	1	216	22.96	23.24	22.65			
	1	1	25.54	25.49	25.31			
	1	215	25.10	25.28	24.91			
	109	54	25.08	25.41	24.99			
	217	0	23.49	23.85	23.42			
16QAM	1	1	25.14	25.16	24.92	-1.00	24.16	33.00
64QAM	1	1	23.56	23.40	23.62	-1.00	22.62	33.00
256QAM	1	1	20.16	20.41	20.32	-1.00	19.41	33.00

NR Band n41 - SCS 30kHz - 90MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			508200	518598	528996			
			2541.00MHz	2592.99MHz	2644.98MHz			
PI/2 BPSK	1	0	23.21	23.22	23.02	-1.00	25.89	33.00
	1	244	22.96	23.12	22.48			
	1	1	26.71	26.89	26.82			
	1	243	26.59	26.77	26.32			
	120	60	26.53	26.83	26.46			
	243	0	26.03	26.29	25.92			
QPSK	1	0	23.18	23.28	23.09	-1.00	26.12	33.00
	1	244	23.06	23.17	22.54			
	1	1	26.72	27.12	26.85			
	1	243	26.65	26.99	26.28			
	120	60	26.64	26.89	26.69			
	243	0	25.57	25.83	25.61			
16QAM	1	1	25.90	25.69	25.87	-1.00	24.90	33.00
64QAM	1	1	24.57	24.51	24.34	-1.00	23.57	33.00
256QAM	1	1	22.14	22.50	22.06	-1.00	21.50	33.00
NR Band n41 - SCS 30kHz - 90MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			508200	518598	528996			
			2541.00MHz	2592.99MHz	2644.98MHz			
QPSK	1	0	23.11	23.27	23.13	-1.00	24.52	33.00
	1	244	23.01	23.20	22.72			
	1	1	25.41	25.52	25.30			
	1	243	25.25	25.44	24.97			
	123	61	25.04	25.29	25.05			
	245	0	23.53	23.80	23.55			
16QAM	1	1	25.05	24.89	24.88	-1.00	24.05	33.00
64QAM	1	1	23.59	23.41	23.52	-1.00	22.59	33.00
256QAM	1	1	20.37	20.43	20.14	-1.00	19.43	33.00

NR Band n41 - SCS 30kHz - 100MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			509202	518598	528000			
			2546.01MHz	2592.99MHz	2640.00MHz			
PI/2 BPSK	1	0	23.23	23.17	26.16	-1.00	25.79	33.00
	1	272	23.04	23.08	22.67			
	1	1	26.22	26.73	26.79			
	1	271	26.52	26.68	26.28			
	135	67	26.55	26.77	26.43			
	270	0	26.14	26.33	26.09			
QPSK	1	0	26.68	23.20	23.23	-1.00	25.85	33.00
	1	272	23.06	23.12	22.58			
	1	1	26.79	26.85	26.76			
	1	271	26.51	26.77	26.13			
	135	67	26.64	26.76	26.62			
	270	0	25.63	25.69	25.51			
16QAM	1	1	25.60	25.90	25.60	-1.00	24.90	33.00
64QAM	1	1	24.49	24.48	24.46	-1.00	23.49	33.00
256QAM	1	1	22.37	22.28	22.50	-1.00	21.50	33.00
NR Band n41 - SCS 30kHz - 100MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			509202	518598	528000			
			2546.01MHz	2592.99MHz	2640.00MHz			
QPSK	1	0	23.20	23.28	23.11	-1.00	24.55	33.00
	1	272	23.13	23.12	23.04			
	1	1	25.38	25.55	25.13			
	1	271	25.42	25.20	24.88			
	137	68	25.11	25.30	25.01			
	273	0	23.74	23.82	23.56			
16QAM	1	1	24.78	25.22	24.77	-1.00	24.22	33.00
64QAM	1	1	23.66	23.40	23.53	-1.00	22.66	33.00
256QAM	1	1	20.49	20.38	20.54	-1.00	19.54	33.00

NR Band n77:

NR Band n77 - SCS 30kHz - 20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			647334	656000	664666			
			3710.01MHz	3840.00MHz	3969.99MHz			
PI/2 BPSK	1	0	22.51	23.12	22.75	-0.50	23.48	30.00
	1	50	22.72	23.29	23.34			
	1	1	23.31	23.75	23.53			
	1	49	23.41	23.86	23.98			
	25	12	-51.55	23.75	23.79			
	50	0	22.77	23.21	23.28			
QPSK	1	0	23.12	22.66	22.36	-0.50	23.48	30.00
	1	50	22.17	22.87	22.81			
	1	1	23.07	23.76	23.41			
	1	49	23.11	23.92	23.98			
	25	12	23.31	23.76	23.82			
	50	0	22.37	22.78	22.79			
16QAM	1	1	22.47	22.71	22.72	-0.50	22.22	30.00
64QAM	1	1	20.64	21.19	21.13	-0.50	20.69	30.00
256QAM	1	1	18.76	18.64	18.81	-0.50	18.31	30.00
NR Band n77 - SCS 30kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			647334	656000	664666			
			3710.01MHz	3840.00MHz	3969.99MHz			
QPSK	1	0	20.31	20.49	20.35	-0.50	22.03	30.00
	1	50	20.36	20.65	20.91			
	1	1	21.89	22.27	21.92			
	1	49	21.96	22.48	22.53			
	25	12	21.92	22.22	22.17			
	51	0	20.36	20.68	21.05			
16QAM	1	1	21.70	22.16	21.34	-0.50	21.66	30.00
64QAM	1	1	19.77	20.26	20.14	-0.50	19.76	30.00
256QAM	1	1	16.77	16.80	16.73	-0.50	16.30	30.00

NR Band n77 - SCS 30kHz - 30MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			647668	656000	664332			
			3715.02MHz	3840.00MHz	3964.98MHz			
PI/2 BPSK	1	0	22.81	23.28	23.12	-0.50	23.81	30.00
	1	77	22.92	23.44	23.52			
	1	1	23.48	23.84	23.67			
	1	76	23.56	24.02	24.31			
	36	18	23.60	23.79	23.72			
	75	0	23.00	23.21	23.25			
QPSK	1	0	22.50	22.82	22.32	-0.50	23.71	30.00
	1	77	22.47	23.15	23.11			
	1	1	23.42	24.04	23.42			
	1	76	23.39	24.21	24.18			
	36	18	23.51	23.80	23.72			
	75	0	22.63	22.74	22.58			
16QAM	1	1	22.60	22.56	22.51	-0.50	22.10	30.00
64QAM	1	1	20.99	21.17	20.79	-0.50	20.67	30.00
256QAM	1	1	18.83	19.08	18.72	-0.50	18.58	30.00
NR Band n77 - SCS 30kHz - 30MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			647668	656000	664332			
			3715.02MHz	3840.00MHz	3964.98MHz			
QPSK	1	0	20.71	20.65	20.55	-0.50	22.28	30.00
	1	77	20.61	20.91	21.29			
	1	1	22.08	22.49	22.34			
	1	76	22.16	22.78	22.72			
	39	19	22.10	22.34	22.05			
	78	0	20.58	20.82	20.47			
16QAM	1	1	21.82	21.45	21.75	-0.50	21.32	30.00
64QAM	1	1	19.88	19.93	19.99	-0.50	19.49	30.00
256QAM	1	1	16.99	17.12	16.93	-0.50	16.62	30.00

NR Band n77 - SCS 30kHz - 40MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			648000	656000	664000			
			3720.00MHz	3840.00MHz	3960.00MHz			
PI/2 BPSK	1	0	22.75	23.15	22.52	-0.50	23.43	30.00
	1	105	22.84	23.34	22.08			
	1	1	23.35	23.70	23.18			
	1	104	23.44	23.93	22.74			
	50	25	23.63	23.72	23.04			
	100	0	22.96	23.34	23.02			
QPSK	1	0	22.40	22.77	22.21	-0.50	23.52	30.00
	1	105	22.49	22.98	21.72			
	1	1	23.29	23.85	22.99			
	1	104	23.37	24.02	22.66			
	50	25	23.47	23.73	22.92			
	100	0	22.58	22.83	22.09			
16QAM	1	1	22.34	22.54	22.02	-0.50	22.04	30.00
64QAM	1	1	20.93	21.12	20.67	-0.50	20.62	30.00
256QAM	1	1	18.61	18.81	18.36	-0.50	18.31	30.00
NR Band n77 - SCS 30kHz - 40MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			648000	656000	664000			
			3720.00MHz	3840.00MHz	3960.00MHz			
QPSK	1	0	20.70	20.64	20.40	-0.50	22.03	30.00
	1	105	20.71	20.78	19.85			
	1	1	22.15	22.29	21.81			
	1	104	22.14	22.53	21.35			
	53	26	22.02	22.42	21.44			
	106	0	20.63	20.91	20.06			
16QAM	1	1	21.63	21.73	21.52	-0.50	21.23	30.00
64QAM	1	1	19.65	20.10	19.36	-0.50	19.60	30.00
256QAM	1	1	16.98	16.96	16.74	-0.50	16.48	30.00

NR Band n77 - SCS 30kHz - 50MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			648334	656000	663666			
			3725.01MHz	3840.00MHz	3954.99MHz			
PI/2 BPSK	1	0	23.03	23.31	22.97	-0.50	23.57	30.00
	1	132	22.95	23.39	22.26			
	1	1	23.67	23.79	23.45			
	1	131	23.59	23.00	22.88			
	64	32	23.88	24.07	23.28			
	128	0	23.24	24.06	22.75			
QPSK	1	0	22.54	22.77	22.38	-0.50	23.63	30.00
	1	132	22.44	23.07	21.88			
	1	1	23.46	23.85	23.29			
	1	131	23.39	24.13	22.72			
	64	32	23.74	23.93	23.18			
	128	0	22.76	22.90	22.28			
16QAM	1	1	22.68	22.58	22.57	-0.50	22.18	30.00
64QAM	1	1	20.99	21.17	20.92	-0.50	20.67	30.00
256QAM	1	1	18.78	19.20	18.77	-0.50	18.70	30.00
NR Band n77 - SCS 30kHz - 50MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			648334	656000	663666			
			3725.01MHz	3840.00MHz	3954.99MHz			
QPSK	1	0	20.74	20.88	20.64	-0.50	22.22	30.00
	1	132	20.68	20.97	20.07			
	1	1	22.24	22.47	22.21			
	1	131	22.21	22.72	21.60			
	67	33	22.37	22.51	22.22			
	133	0	20.72	20.94	20.26			
16QAM	1	1	21.89	21.86	22.53	-0.50	22.03	30.00
64QAM	1	1	19.93	20.45	19.83	-0.50	19.95	30.00
256QAM	1	1	17.04	17.10	16.95	-0.50	16.60	30.00

NR Band n77 - SCS 30kHz - 60MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			648668	656000	663332			
			3730.02MHz	3840.00MHz	3949.98MHz			
PI/2 BPSK	1	0	22.78	22.96	22.85	-0.50	23.55	30.00
	1	161	22.38	23.20	23.43			
	1	1	23.26	23.56	23.48			
	1	160	23.01	23.83	24.05			
	81	40	23.15	23.71	23.80			
	162	0	22.85	23.24	23.34			
QPSK	1	0	22.05	22.45	22.32	-0.50	23.44	30.00
	1	161	21.72	22.62	22.88			
	1	1	23.02	23.63	23.45			
	1	160	23.30	23.84	23.94			
	81	40	23.01	23.75	23.80			
	162	0	22.12	22.68	22.75			
16QAM	1	1	22.21	22.47	22.13	-0.50	21.97	30.00
64QAM	1	1	20.66	20.98	20.98	-0.50	20.48	30.00
256QAM	1	1	18.43	18.63	18.84	-0.50	18.34	30.00
NR Band n77 - SCS 30kHz - 60MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			648668	656000	663332			
			3730.02MHz	3840.00MHz	3949.98MHz			
QPSK	1	0	20.34	20.55	20.38	-0.50	22.08	30.00
	1	161	20.15	20.69	20.96			
	1	1	22.05	22.25	21.99			
	1	160	21.71	22.45	22.58			
	81	40	21.57	22.17	22.24			
	162	0	20.85	20.60	21.12			
16QAM	1	1	22.02	21.77	21.47	-0.50	21.52	30.00
64QAM	1	1	19.51	20.22	20.14	-0.50	19.72	30.00
256QAM	1	1	16.70	16.78	16.79	-0.50	16.29	30.00

NR Band n77 - SCS 30kHz - 70MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			649000	656000	663000			
			3735.00MHz	3840.00MHz	3945.00MHz			
PI/2 BPSK	1	0	22.79	23.10	22.98	-0.50	23.67	30.00
	1	188	22.58	23.32	23.66			
	1	1	23.43	23.62	23.53			
	1	187	23.07	23.88	24.17			
	90	45	23.38	23.82	23.76			
	180	0	22.85	23.24	23.04			
QPSK	1	0	22.29	22.57	22.52	-0.50	23.67	30.00
	1	188	22.06	22.89	23.22			
	1	1	23.40	23.68	23.51			
	1	187	23.17	23.90	24.17			
	90	45	23.57	23.77	23.81			
	180	0	22.51	22.77	22.82			
16QAM	1	1	22.24	22.64	22.47	-0.50	22.14	30.00
64QAM	1	1	21.10	21.07	20.73	-0.50	20.60	30.00
256QAM	1	1	19.01	18.82	18.74	-0.50	18.51	30.00
NR Band n77 - SCS 30kHz - 70MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			649000	656000	663000			
			3735.00MHz	3840.00MHz	3945.00MHz			
QPSK	1	0	20.48	20.65	20.39	-0.50	22.16	30.00
	1	188	20.12	20.98	21.31			
	1	1	21.99	22.46	22.09			
	1	187	21.58	22.56	22.66			
	95	47	21.58	22.35	22.27			
	189	0	20.61	20.75	20.04			
16QAM	1	1	21.50	22.05	21.54	-0.50	21.55	30.00
64QAM	1	1	20.14	20.20	19.65	-0.50	19.70	30.00
256QAM	1	1	16.99	16.97	16.80	-0.50	16.49	30.00

NR Band n77 - SCS 30kHz - 80MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			649334	656000	662666			
			3740.01MHz	3840.00MHz	3939.99MHz			
PI/2 BPSK	1	0	22.86	23.06	23.05	-0.50	23.75	30.00
	1	216	22.56	23.38	23.60			
	1	1	23.49	23.80	23.71			
	1	215	23.23	24.04	24.25			
	108	54	23.45	23.86	23.79			
	216	0	22.96	23.35	23.21			
QPSK	1	0	22.37	22.61	22.41	-0.50	23.61	30.00
	1	216	22.10	22.86	23.03			
	1	1	23.46	23.83	23.50			
	1	215	23.14	23.99	24.11			
	108	54	23.64	23.78	23.77			
	216	0	22.58	22.87	22.67			
16QAM	1	1	22.36	22.34	22.60	-0.50	22.10	30.00
64QAM	1	1	20.78	21.03	20.83	-0.50	20.53	30.00
256QAM	1	1	18.96	18.82	18.69	-0.50	18.46	30.00
NR Band n77 - SCS 30kHz - 80MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			649334	656000	662666			
			3740.01MHz	3840.00MHz	3939.99MHz			
QPSK	1	0	20.36	20.63	20.51	-0.50	22.18	30.00
	1	216	20.23	20.83	21.26			
	1	1	21.83	22.22	22.23			
	1	215	21.62	22.61	22.68			
	109	54	22.12	22.39	22.11			
	217	0	20.51	20.72	20.52			
16QAM	1	1	21.46	21.49	21.88	-0.50	21.38	30.00
64QAM	1	1	19.71	20.02	20.03	-0.50	19.53	30.00
256QAM	1	1	17.02	16.96	16.87	-0.50	16.52	30.00

NR Band n77 - SCS 30kHz - 90MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			649668	656000	662332			
			3745.02MHz	3840.00MHz	3934.98MHz			
PI/2 BPSK	1	0	22.72	22.98	22.56	-0.50	23.56	30.00
	1	244	22.81	23.34	22.12			
	1	1	23.32	23.68	23.25			
	1	243	23.46	24.06	22.67			
	120	60	23.58	23.86	23.12			
	243	0	22.87	23.40	23.21			
QPSK	1	0	22.36	22.52	22.17	-0.50	23.55	30.00
	1	244	22.42	22.83	21.68			
	1	1	23.30	23.80	23.01			
	1	243	23.41	24.05	23.12			
	120	60	23.45	23.82	23.02			
	243	0	22.60	22.86	22.14			
16QAM	1	1	22.28	22.58	22.22	-0.50	22.08	30.00
64QAM	1	1	20.88	21.06	20.89	-0.50	20.56	30.00
256QAM	1	1	18.75	18.94	18.45	-0.50	18.44	30.00
NR Band n77 - SCS 30kHz - 90MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			649668	656000	662332			
			3745.02MHz	3840.00MHz	3934.98MHz			
QPSK	1	0	20.65	20.44	20.37	-0.50	22.08	30.00
	1	244	20.63	20.72	19.81			
	1	1	22.18	22.22	21.78			
	1	243	22.19	22.58	21.41			
	123	61	22.12	22.34	21.39			
	245	0	20.69	20.62	20.12			
16QAM	1	1	21.52	21.99	21.59	-0.50	21.49	30.00
64QAM	1	1	19.69	20.15	19.41	-0.50	19.65	30.00
256QAM	1	1	17.05	17.02	16.78	-0.50	16.55	30.00

NR Band n77 - SCS 30kHz - 100MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			650000	656000	662000			
			3750.00MHz	3840.00MHz	3930.00MHz			
PI/2 BPSK	1	0	22.76	22.94	23.00	-0.50	23.72	30.00
	1	272	22.70	23.16	23.54			
	1	1	23.63	23.62	23.70			
	1	271	23.63	23.94	24.22			
	135	67	23.06	23.78	23.58			
	270	0	22.83	23.28	23.32			
QPSK	1	0	22.11	22.50	22.50	-0.50	23.93	30.00
	1	272	21.96	22.89	23.26			
	1	1	23.38	24.02	23.71			
	1	271	23.38	24.05	24.43			
	135	67	23.53	23.73	23.57			
	270	0	22.40	22.81	22.73			
16QAM	1	1	22.50	22.39	22.00	-0.50	22.00	30.00
64QAM	1	1	20.86	21.05	21.09	-0.50	20.59	30.00
256QAM	1	1	18.69	19.02	18.98	-0.50	18.52	30.00
NR Band n77 - SCS 30kHz - 100MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			650000	656000	662000			
			3750.00MHz	3840.00MHz	3930.00MHz			
QPSK	1	0	20.43	20.57	20.46	-0.50	22.31	30.00
	1	272	20.54	20.89	21.14			
	1	1	22.25	22.37	22.25			
	1	271	22.13	22.71	22.81			
	137	68	21.60	22.21	22.02			
	273	0	20.34	20.71	20.80			
16QAM	1	1	22.11	21.52	21.06	-0.50	21.61	30.00
64QAM	1	1	19.75	20.22	19.93	-0.50	19.72	30.00
256QAM	1	1	16.93	17.01	17.00	-0.50	16.51	30.00

NR Band n78:

NR Band n78 - SCS 30kHz - 20MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			630668	633334	636000			
			3460.02MHz	3500.01MHz	3540.00MHz			
PI/2 BPSK	1	0	22.79	22.79	24.35	-0.50	26.02	30.00
	1	50	22.90	22.71	22.22			
	1	1	23.42	26.46	25.96			
	1	49	26.50	26.42	25.80			
	25	12	26.52	26.43	25.99			
	50	0	23.37	25.90	25.41			
QPSK	1	0	22.69	22.70	22.25	-0.50	25.99	30.00
	1	50	22.85	22.73	22.08			
	1	1	26.38	25.45	25.83			
	1	49	26.49	25.53	25.70			
	25	12	26.28	25.61	25.85			
	50	0	25.36	24.60	24.85			
16QAM	1	1	25.36	24.38	24.94	-0.50	24.86	30.00
64QAM	1	1	23.99	23.12	23.50	-0.50	23.49	30.00
256QAM	1	1	21.63	21.58	21.14	-0.50	21.13	30.00
NR Band n78 - SCS 30kHz - 20MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			630668	633334	636000			
			3460.02MHz	3500.01MHz	3540.00MHz			
QPSK	1	0	22.79	22.86	22.44	-0.50	24.56	30.00
	1	50	22.89	22.75	22.14			
	1	1	24.88	24.24	24.41			
	1	49	25.06	24.18	24.27			
	25	12	24.84	24.02	24.26			
	51	0	23.40	22.94	22.86			
16QAM	1	1	24.41	23.50	24.00	-0.50	23.91	30.00
64QAM	1	1	23.07	23.08	22.54	-0.50	22.58	30.00
256QAM	1	1	20.24	20.25	19.86	-0.50	19.75	30.00

NR Band n78 - SCS 30kHz - 30MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			631000	633334	635666			
			3465.00MHz	3500.01MHz	3534.99MHz			
PI/2 BPSK	1	0	22.91	22.82	22.60	-0.50	26.13	30.00
	1	77	22.97	22.92	22.57			
	1	1	26.61	26.54	26.23			
	1	76	26.59	26.61	25.89			
	36	18	26.63	26.49	26.06			
	75	0	26.15	25.97	25.51			
QPSK	1	0	23.04	22.94	22.69	-0.50	26.12	30.00
	1	77	22.99	22.97	22.33			
	1	1	26.61	25.58	26.21			
	1	76	26.62	25.52	25.89			
	36	18	26.56	25.55	25.87			
	75	0	25.66	24.51	25.94			
16QAM	1	1	25.66	24.40	25.29	-0.50	25.16	30.00
64QAM	1	1	24.18	22.98	23.72	-0.50	23.68	30.00
256QAM	1	1	21.86	21.48	21.41	-0.50	21.36	30.00
NR Band n78 - SCS 30kHz - 30MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			631000	633334	635666			
			3465.00MHz	3500.01MHz	3534.99MHz			
QPSK	1	0	22.88	22.91	22.50	-0.50	24.51	30.00
	1	77	22.91	22.95	22.06			
	1	1	24.90	23.96	24.56			
	1	76	24.86	23.99	24.12			
	39	19	25.01	23.87	24.39			
	78	0	23.57	22.93	22.90			
16QAM	1	1	24.62	23.31	24.28	-0.50	24.12	30.00
64QAM	1	1	23.19	22.78	22.78	-0.50	22.69	30.00
256QAM	1	1	20.15	19.82	19.85	-0.50	19.65	30.00

NR Band n78 - SCS 30kHz - 40MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			631334	633334	635332			
			3470.01MHz	3500.01MHz	3529.98MHz			
PI/2 BPSK	1	0	22.73	22.73	22.89	-0.50	26.08	30.00
	1	105	22.67	22.85	22.20			
	1	1	26.35	26.29	26.41			
	1	104	26.31	26.41	26.12			
	50	25	26.58	26.55	26.36			
	100	0	26.13	26.06	25.87			
QPSK	1	0	22.88	22.86	22.95	-0.50	26.04	30.00
	1	105	22.85	22.94	22.52			
	1	1	26.54	25.60	26.54			
	1	104	26.50	25.51	26.24			
	50	25	26.51	25.55	22.47			
	100	0	25.57	24.50	25.28			
16QAM	1	1	25.51	24.77	25.61	-0.50	25.11	30.00
64QAM	1	1	24.18	22.99	24.22	-0.50	23.72	30.00
256QAM	1	1	21.73	21.31	21.75	-0.50	21.25	30.00
NR Band n78 - SCS 30kHz - 40MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			631334	633334	635332			
			3470.01MHz	3500.01MHz	3529.98MHz			
QPSK	1	0	22.81	22.85	22.92	-0.50	24.79	30.00
	1	105	22.89	22.96	22.54			
	1	1	25.03	24.17	25.29			
	1	104	24.90	24.08	24.72			
	53	26	24.96	23.96	24.61			
	106	0	23.53	22.89	23.23			
16QAM	1	1	24.38	23.64	24.52	-0.50	24.02	30.00
64QAM	1	1	23.18	22.99	23.24	-0.50	22.74	30.00
256QAM	1	1	20.08	19.85	19.93	-0.50	19.58	30.00

NR Band n78 - SCS 30kHz - 50MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			631668	633334	635000			
			3475.02MHz	3500.01MHz	3525.00MHz			
PI/2 BPSK	1	0	23.02	22.94	22.96	-0.50	26.15	30.00
	1	132	22.96	23.23	22.40			
	1	1	26.31	26.59	26.46			
	1	131	26.60	26.65	26.06			
	64	32	23.89	26.62	26.43			
	128	0	26.30	26.05	25.81			
QPSK	1	0	23.06	23.01	22.92	-0.50	26.33	30.00
	1	132	23.05	23.24	22.41			
	1	1	26.72	25.61	26.50			
	1	131	26.69	25.68	26.15			
	64	32	26.83	25.61	22.51			
	128	0	25.80	24.53	25.31			
16QAM	1	1	25.73	24.33	25.66	-0.50	25.23	30.00
64QAM	1	1	24.30	22.85	24.15	-0.50	23.80	30.00
256QAM	1	1	21.91	21.37	21.81	-0.50	21.41	30.00
NR Band n78 - SCS 30kHz - 50MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			631668	633334	635000			
			3475.02MHz	3500.01MHz	3525.00MHz			
QPSK	1	0	23.13	22.96	22.97	-0.50	24.74	30.00
	1	132	23.06	23.05	22.50			
	1	1	25.24	24.12	25.22			
	1	131	25.23	24.16	24.69			
	67	33	25.24	24.03	24.64			
	133	0	23.72	23.02	23.24			
16QAM	1	1	24.69	23.39	24.64	-0.50	24.19	30.00
64QAM	1	1	23.42	23.01	23.30	-0.50	22.92	30.00
256QAM	1	1	20.12	20.18	19.99	-0.50	19.68	30.00

NR Band n78 - SCS 30kHz - 60MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			632000	633334	634666			
			3480.00MHz	3500.01MHz	3519.99MHz			
PI/2 BPSK	1	0	22.74	22.66	22.82	-0.50	25.95	30.00
	1	161	22.60	22.81	22.07			
	1	1	26.34	26.30	26.45			
	1	160	26.25	26.38	25.73			
	81	40	26.44	26.38	26.06			
	162	0	26.08	25.82	25.67			
QPSK	1	0	22.79	22.65	22.89	-0.50	25.94	30.00
	1	161	22.62	22.83	22.06			
	1	1	26.44	25.42	25.14			
	1	160	26.29	25.48	25.78			
	81	40	26.38	25.59	26.04			
	162	0	25.50	24.42	25.14			
16QAM	1	1	25.46	24.38	25.53	-0.50	25.03	30.00
64QAM	1	1	24.00	22.85	24.10	-0.50	23.60	30.00
256QAM	1	1	21.68	21.25	21.76	-0.50	21.26	30.00
NR Band n78 - SCS 30kHz - 60MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			632000	633334	634666			
			3480.00MHz	3500.01MHz	3519.99MHz			
QPSK	1	0	22.87	22.57	24.26	-0.50	24.58	30.00
	1	161	22.72	22.72	22.17			
	1	1	25.08	23.92	25.05			
	1	160	24.79	24.01	24.26			
	81	40	24.86	23.89	24.51			
	162	0	23.42	22.91	23.03			
16QAM	1	1	24.64	23.36	24.65	-0.50	24.15	30.00
64QAM	1	1	23.17	22.77	23.25	-0.50	22.75	30.00
256QAM	1	1	19.85	19.83	19.97	-0.50	19.47	30.00

NR Band n78 - SCS 30kHz - 70MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			632334	633334	634332			
			3485.01MHz	3500.01MHz	3514.98MHz			
PI/2 BPSK	1	0	22.97	22.72	22.96	-0.50	26.16	30.00
	1	188	22.48	23.02	22.30			
	1	1	26.62	26.25	26.60			
	1	187	26.17	26.47	25.97			
	90	45	26.66	26.48	26.39			
	180	0	25.94	25.95	25.85			
QPSK	1	0	23.02	22.69	23.02	-0.50	26.25	30.00
	1	188	23.04	23.00	22.30			
	1	1	26.75	25.35	26.66			
	1	187	26.62	25.54	25.94			
	90	45	26.75	25.70	26.34			
	180	0	25.73	24.57	25.36			
16QAM	1	1	25.79	24.31	25.69	-0.50	25.29	30.00
64QAM	1	1	24.25	22.80	24.23	-0.50	23.75	30.00
256QAM	1	1	21.88	21.25	21.92	-0.50	21.42	30.00
NR Band n78 - SCS 30kHz - 70MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			632334	633334	634332			
			3485.01MHz	3500.01MHz	3514.98MHz			
QPSK	1	0	23.08	22.76	23.11	-0.50	24.82	30.00
	1	188	23.11	22.97	22.36			
	1	1	25.26	23.86	25.32			
	1	187	25.17	24.08	24.43			
	95	47	25.32	24.14	24.69			
	189	0	23.64	23.03	23.27			
16QAM	1	1	24.58	23.30	24.65	-0.50	24.15	30.00
64QAM	1	1	23.49	22.82	23.29	-0.50	22.99	30.00
256QAM	1	1	20.15	19.98	20.12	-0.50	19.65	30.00

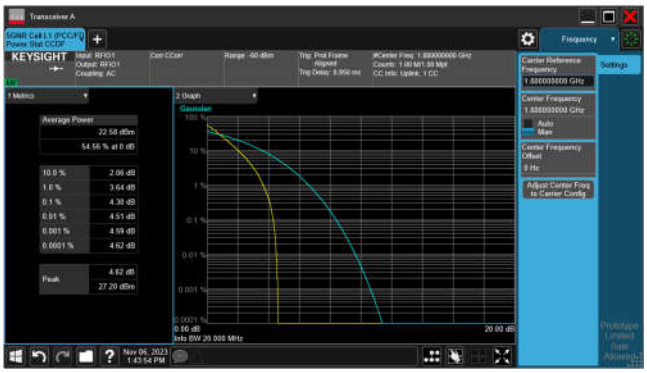
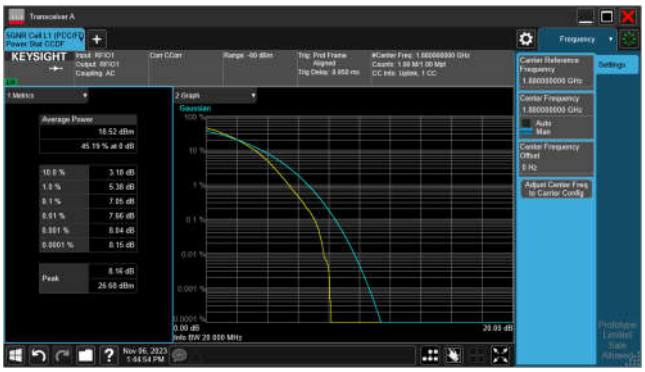
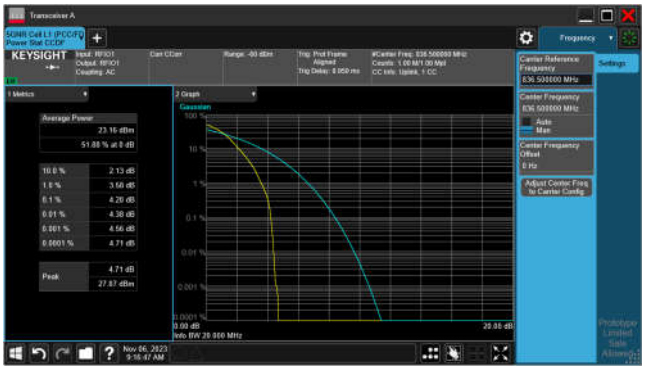
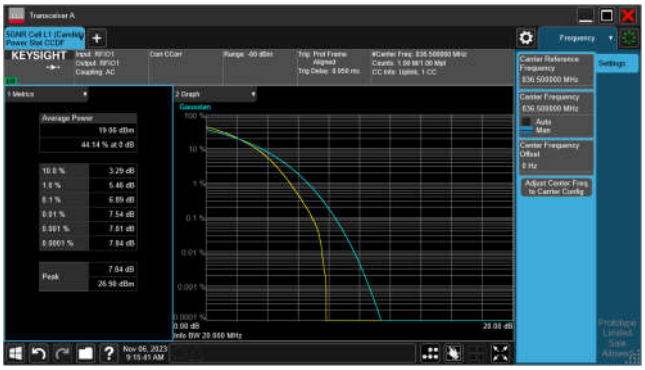
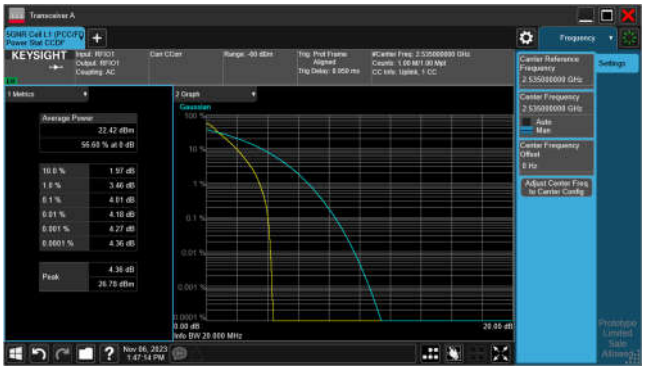
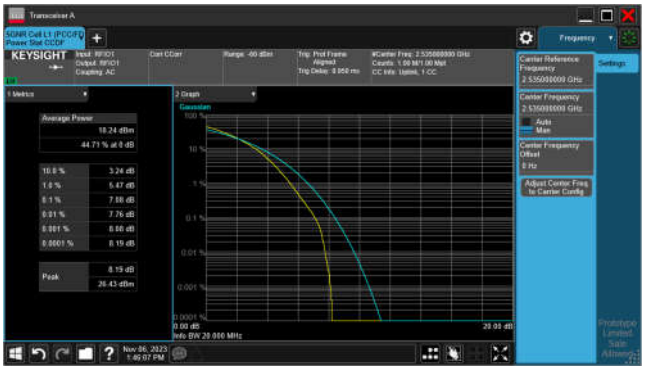
NR Band n78 - SCS 30kHz - 80MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			632668	633334	634000			
			3490.02MHz	3500.01MHz	3510.00MHz			
PI/2 BPSK	1	0	22.89	22.67	22.94	-0.50	26.18	30.00
	1	216	22.47	23.02	22.54			
	1	1	26.56	26.24	25.89			
	1	215	26.16	26.43	26.14			
	108	54	26.68	26.51	26.62			
	216	0	26.05	25.87	25.98			
QPSK	1	0	22.90	22.65	23.00	-0.50	26.22	30.00
	1	216	22.54	22.98	22.52			
	1	1	26.54	25.25	26.72			
	1	215	26.21	25.43	26.18			
	108	54	26.58	25.61	26.44			
	216	0	25.51	24.48	25.40			
16QAM	1	1	25.79	24.07	25.76	-0.50	25.29	30.00
64QAM	1	1	24.11	22.73	24.22	-0.50	23.72	30.00
256QAM	1	1	22.89	22.67	22.94	-0.50	26.18	30.00
NR Band n78 - SCS 30kHz - 80MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			632668	633334	634000			
			3490.02MHz	3500.01MHz	3510.00MHz			
QPSK	1	0	22.93	22.75	23.09	-0.50	24.63	30.00
	1	216	22.58	22.88	22.48			
	1	1	25.13	23.90	25.13			
	1	215	24.83	24.10	24.69			
	109	54	24.98	24.08	24.99			
	217	0	23.45	22.97	23.33			
16QAM	1	1	24.71	23.07	24.99	-0.50	24.49	30.00
64QAM	1	1	23.27	22.61	23.60	-0.50	23.10	30.00
256QAM	1	1	20.09	19.86	20.21	-0.50	19.71	30.00

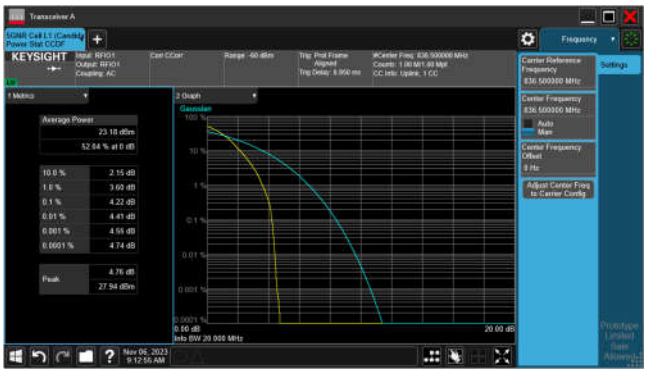
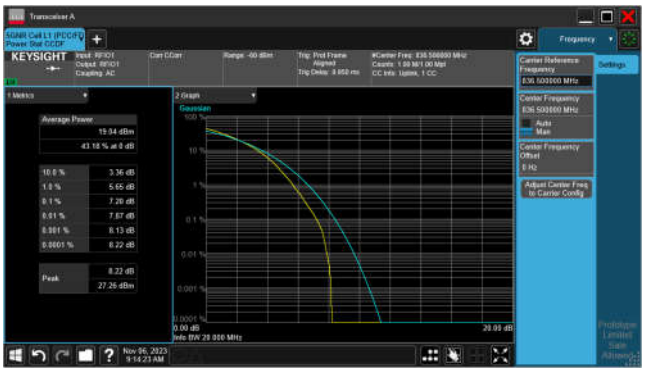
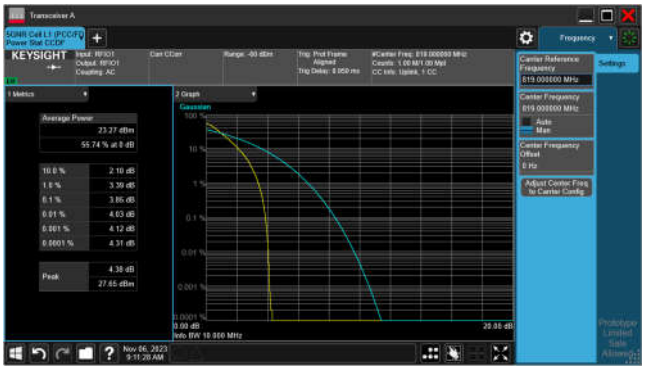
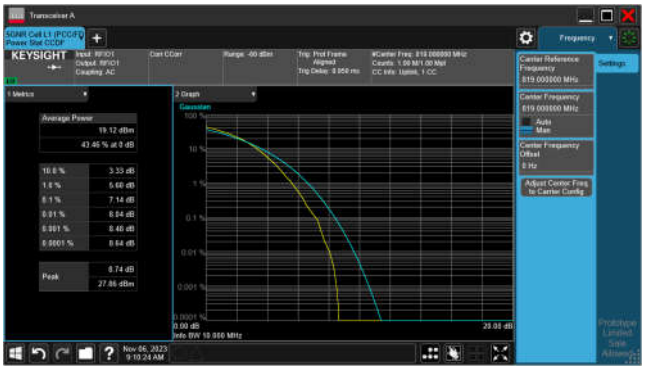
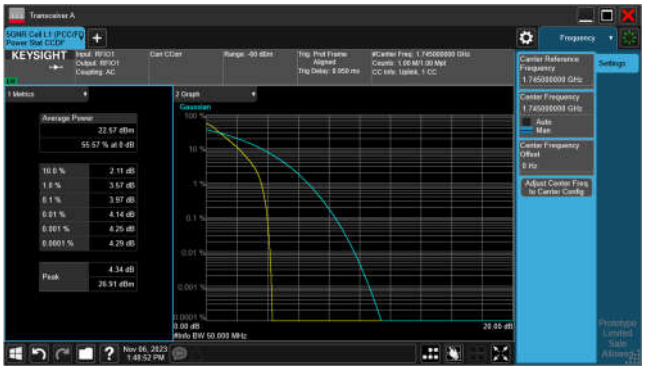
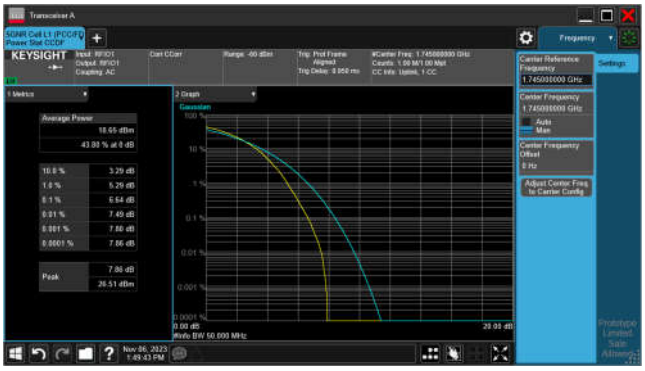
NR Band n78 - SCS 30kHz - 90MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			633000	633334	633666			
			3495.00MHz	3500.01MHz	3504.99MHz			
PI/2 BPSK	1	0	22.75	22.59	22.88	-0.50	26.17	30.00
	1	244	22.51	22.75	22.59			
	1	1	26.57	26.20	25.81			
	1	243	26.22	26.43	26.25			
	120	60	26.61	26.37	26.67			
	243	0	26.11	25.19	25.93			
QPSK	1	0	22.85	22.63	23.12	-0.50	26.14	30.00
	1	244	22.56	22.95	22.47			
	1	1	26.48	26.21	26.64			
	1	243	26.28	26.48	26.22			
	120	60	26.52	26.28	26.49			
	243	0	25.58	25.18	25.31			
16QAM	1	1	25.72	25.25	25.71	-0.50	25.22	30.00
64QAM	1	1	24.13	23.67	24.26	-0.50	23.76	30.00
256QAM	1	1	21.87	21.53	22.08	-0.50	21.58	30.00
NR Band n78 - SCS 30kHz - 90MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			633000	633334	633666			
			3495.00MHz	3500.01MHz	3504.99MHz			
QPSK	1	0	22.88	22.52	23.11	-0.50	24.74	30.00
	1	244	22.60	22.92	22.52			
	1	1	25.24	24.85	25.24			
	1	243	24.85	25.12	24.63			
	123	61	24.92	24.78	24.92			
	245	0	23.49	23.31	23.31			
16QAM	1	1	24.67	24.53	24.88	-0.50	24.38	30.00
64QAM	1	1	23.22	22.86	23.52	-0.50	23.02	30.00
256QAM	1	1	20.02	19.74	20.17	-0.50	19.67	30.00

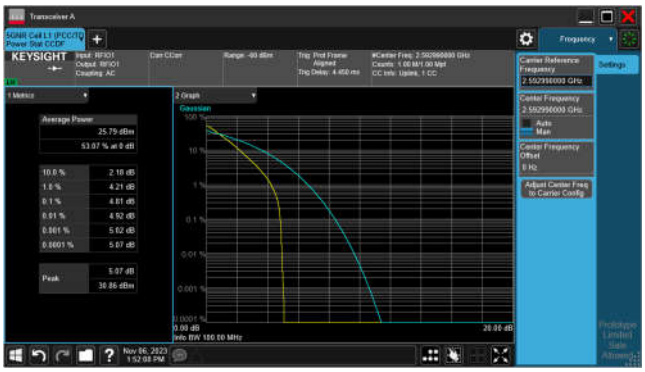
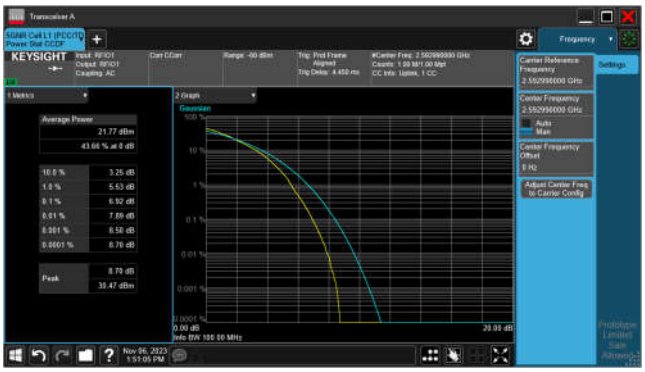
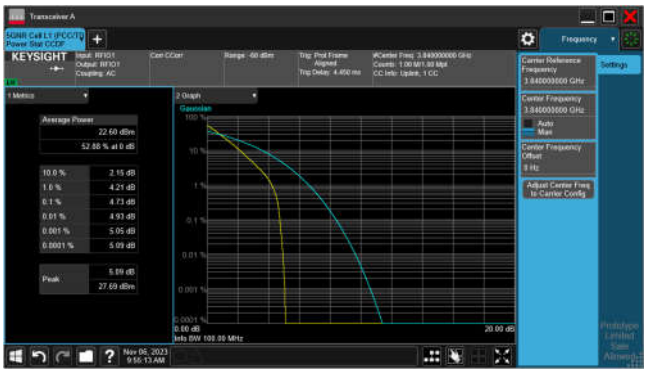
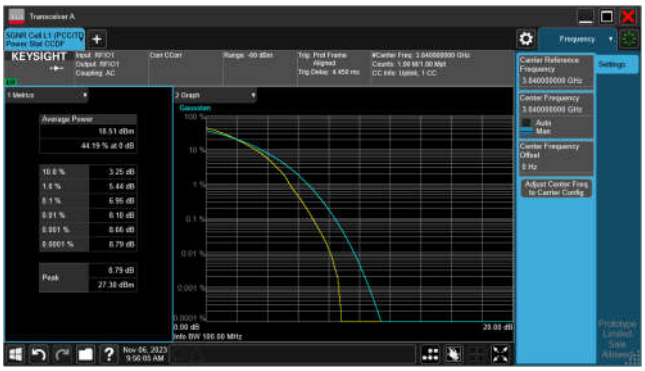
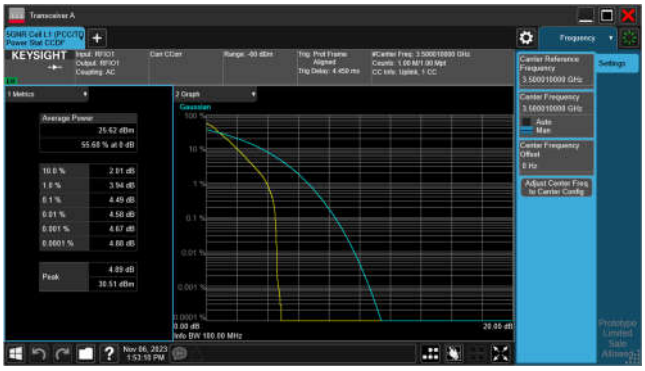
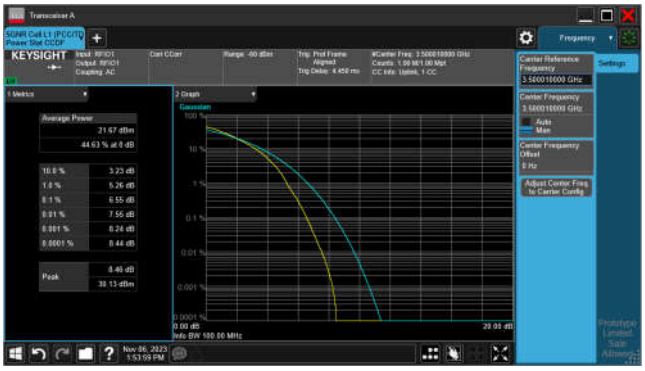
NR Band n78 - SCS 30kHz - 100MHz Bandwidth - DFT-s-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			/	633334	/			
			/	3500.01MHz	/			
PI/2 BPSK	1	0	/	22.54	/	-0.50	26.11	30.00
	1	272	/	22.93	/			
	1	1	/	26.32	/			
	1	271	/	26.61	/			
	135	67	/	26.46	/			
	270	0	/	25.93	/			
QPSK	1	0	/	22.53	/	-0.50	25.16	30.00
	1	272	/	23.06	/			
	1	1	/	25.34	/			
	1	271	/	25.60	/			
	135	67	/	25.66	/			
	270	0	/	24.34	/			
16QAM	1	1	/	24.09	/	-0.50	23.59	30.00
64QAM	1	1	/	22.66	/	-0.50	22.16	30.00
256QAM	1	1	/	21.24	/	-0.50	20.74	30.00
NR Band n78 - SCS 30kHz - 100MHz Bandwidth - CP-OFDM								
Modulation	RB Size	RB Offset	Maximum Average Power (dBm)			Ant. Gain (dBi)	Max. ERP (dBm)	ERP Limit (dBm)
			/	633334	/			
			/	3500.01MHz	/			
QPSK	1	0	/	22.57	/	-0.50	23.52	30.00
	1	272	/	22.76	/			
	1	1	/	23.84	/			
	1	271	/	24.02	/			
	137	68	/	23.99	/			
	273	0	/	22.85	/			
16QAM	1	1	/	23.08	/	-0.50	22.58	30.00
64QAM	1	1	/	22.73	/	-0.50	22.23	30.00
256QAM	1	1	/	19.93	/	-0.50	19.43	30.00

Peak To Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	Result (dB)	Limit (dB)	Verdict
n2	15	20	1880.0	DFT-s-OFDM PI/2 BPSK	100@0	4.30	13	Pass
n2	15	20	1880.0	DFT-s-OFDM 256QAM	100@0	7.05	13	Pass
n5	15	20	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.20	13	Pass
n5	15	20	836.5	DFT-s-OFDM 256QAM	100@0	6.89	13	Pass
n7	15	20	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	4.01	13	Pass
n7	15	20	2535.0	DFT-s-OFDM 256QAM	100@0	7.08	13	Pass
n26_Part 22	15	20	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.22	13	Pass
n26_Part 22	15	20	836.5	DFT-s-OFDM 256QAM	100@0	7.20	13	Pass
n26_Part 90	15	10	819.0	DFT-s-OFDM PI/2 BPSK	50@0	3.85	13	Pass
n26_Part 90	15	10	819.0	DFT-s-OFDM 256QAM	50@0	7.14	13	Pass
n66	15	40	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	3.97	13	Pass
n66	15	40	1745.0	DFT-s-OFDM 256QAM	216@0	6.64	13	Pass
41	30	100	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	4.81	13	Pass
41	30	100	2592.99	DFT-s-OFDM 256QAM	270@0	6.92	13	Pass
77	30	100	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	4.73	13	Pass
77	30	100	3840.0	DFT-s-OFDM 256QAM	270@0	6.95	13	Pass
78	30	100	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	4.49	13	Pass
78	30	100	3500.01	DFT-s-OFDM 256QAM	270@0	6.55	13	Pass

Band n2_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n2_20MHz_DFT-s-OFDM_256QAM_ Outer_Full_Mid_CH
	
Band n5_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n5_20MHz_DFT-s-OFDM_256QAM_ Outer_Full_Mid_CH
	
Band n7_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n7_20MHz_DFT-s-OFDM_256QAM_ Outer_Full_Mid_CH
	

Band n26_Part 22_20MHz_DFT-s-OFDM _PI_2-BPSK_Outer_Full_Mid_CH	Band n26_Part 22_20MHz_DFT-s-OFDM _256QAM_Outer_Full_Mid_CH
	
Band n26_Part 90_10MHz_DFT-s-OFDM _PI_2-BPSK_Outer_Full_Mid_CH	Band n26_Part 90_10MHz_DFT-s-OFDM _256QAM_Outer_Full_Mid_CH
	
Band n66_40MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n66_40MHz_DFT-s-OFDM_256QAM_ Outer_Full_Mid_CH
	

Band n41_100MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n41_100MHz_DFT-s-OFDM_256QAM_ Outer_Full_Mid_CH
	
Band n77_100MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n77_100MHz_DFT-s-OFDM_256QAM_ Outer_Full_Mid_CH
	
Band n78_100MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n78_100MHz_DFT-s-OFDM_256QAM_ Outer_Full_Mid_CH
	

99% Occupied Bandwidth and 26dB Emission Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n2	15	5	1880.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4873	5.038
n2	15	5	1880.0	DFT-s-OFDM QPSK	25@0	4.4966	5.015
n2	15	5	1880.0	DFT-s-OFDM 16 QAM	25@0	4.5023	4.934
n2	15	10	1880.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9149	9.511
n2	15	10	1880.0	DFT-s-OFDM QPSK	50@0	8.9531	9.521
n2	15	10	1880.0	DFT-s-OFDM 16 QAM	50@0	8.9303	9.529
n2	15	15	1880.0	DFT-s-OFDM PI/2 BPSK	75@0	13.397	14.11
n2	15	15	1880.0	DFT-s-OFDM QPSK	75@0	13.450	14.14
n2	15	15	1880.0	DFT-s-OFDM 16 QAM	75@0	13.438	14.22
n2	15	20	1880.0	DFT-s-OFDM PI/2 BPSK	100@0	17.832	18.60
n2	15	20	1880.0	DFT-s-OFDM QPSK	100@0	17.870	18.77
n2	15	20	1880.0	DFT-s-OFDM 16 QAM	100@0	17.884	18.66

NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n5	15	5	836.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4840	5.034
n5	15	5	836.5	DFT-s-OFDM QPSK	25@0	4.4999	4.974
n5	15	5	836.5	DFT-s-OFDM 16 QAM	25@0	4.4999	5.067
n5	15	10	836.5	DFT-s-OFDM PI/2 BPSK	50@0	8.9554	9.422
n5	15	10	836.5	DFT-s-OFDM QPSK	50@0	8.9600	9.439
n5	15	10	836.5	DFT-s-OFDM 16 QAM	50@0	8.9243	9.412
n5	15	15	836.5	DFT-s-OFDM PI/2 BPSK	75@0	13.478	14.13
n5	15	15	836.5	DFT-s-OFDM QPSK	75@0	13.426	14.17
n5	15	15	836.5	DFT-s-OFDM 16 QAM	75@0	13.442	14.19
n5	15	20	836.5	DFT-s-OFDM PI/2 BPSK	100@0	17.851	18.73
n5	15	20	836.5	DFT-s-OFDM QPSK	100@0	17.851	18.60
n5	15	20	836.5	DFT-s-OFDM 16 QAM	100@0	17.916	18.63

NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n7	15	5	1880.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4951	5.172
n7	15	5	1880.0	DFT-s-OFDM QPSK	25@0	4.5156	5.027
n7	15	5	1880.0	DFT-s-OFDM 16 QAM	25@0	4.5156	5.068
n7	15	10	1880.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9527	9.598
n7	15	10	1880.0	DFT-s-OFDM QPSK	50@0	8.9742	9.489
n7	15	10	1880.0	DFT-s-OFDM 16 QAM	50@0	8.9400	9.454
n7	15	15	1880.0	DFT-s-OFDM PI/2 BPSK	75@0	13.446	14.11
n7	15	15	1880.0	DFT-s-OFDM QPSK	75@0	13.420	14.12
n7	15	15	1880.0	DFT-s-OFDM 16 QAM	75@0	13.451	14.06
n7	15	20	1880.0	DFT-s-OFDM PI/2 BPSK	100@0	17.846	18.66
n7	15	20	1880.0	DFT-s-OFDM QPSK	100@0	17.813	18.56
n7	15	20	1880.0	DFT-s-OFDM 16 QAM	100@0	17.877	18.63

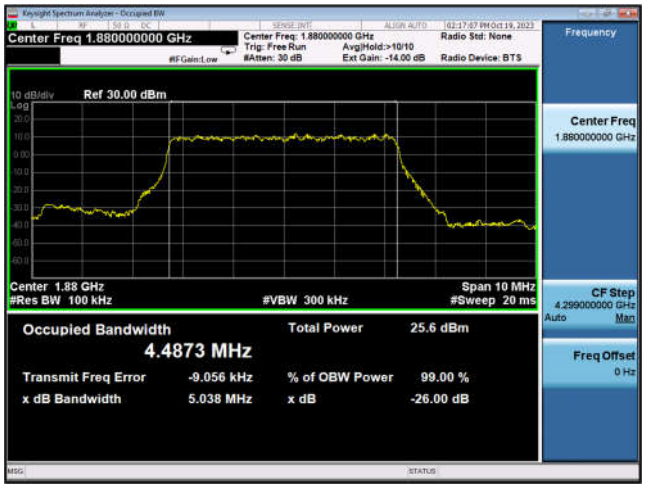
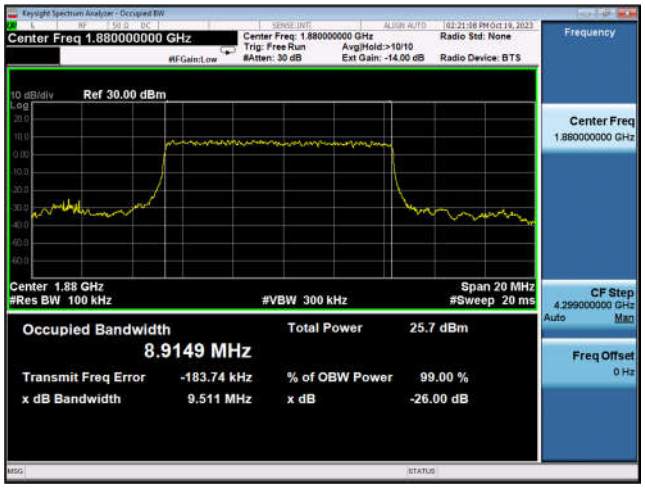
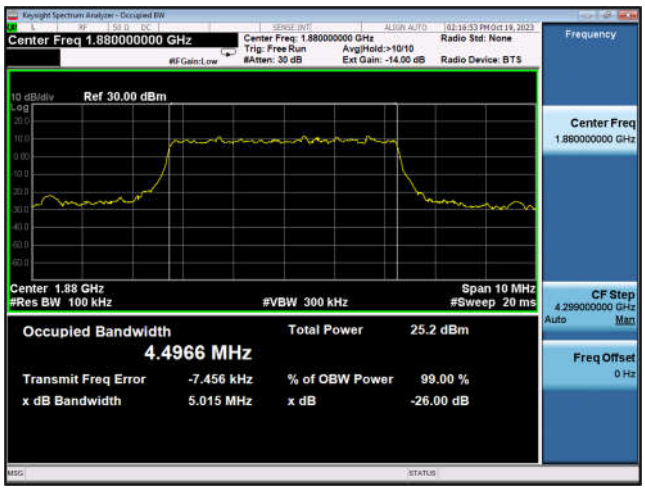
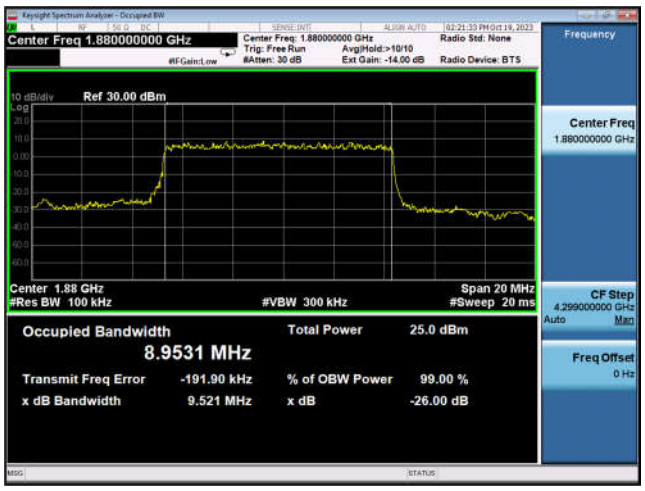
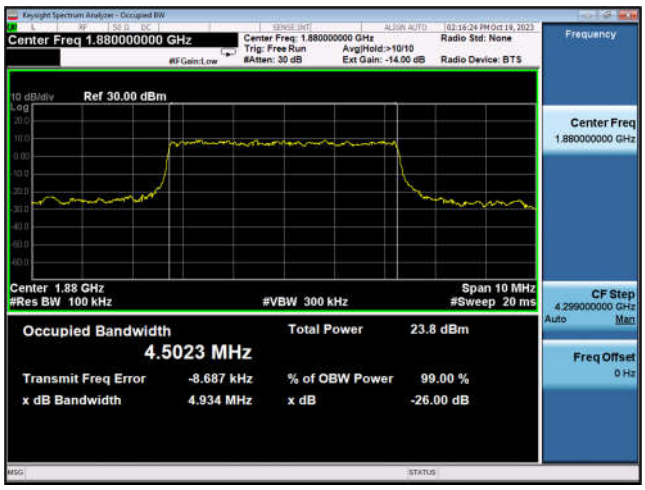
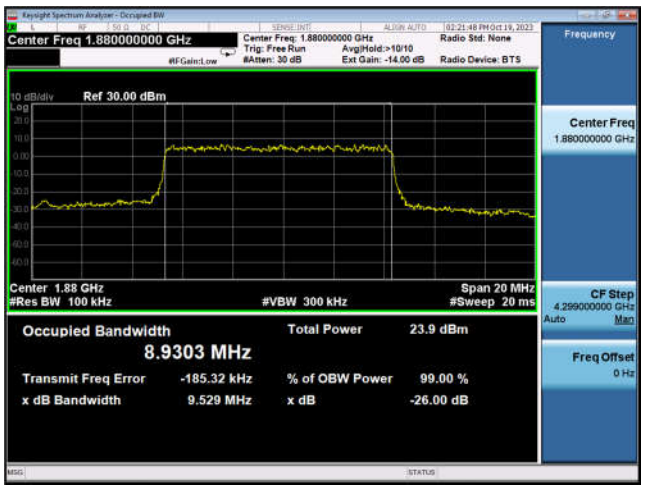
NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n26_Part 22	15	5	836.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4837	5.037
n26_Part 22	15	5	836.5	DFT-s-OFDM QPSK	25@0	4.5036	4.996
n26_Part 22	15	5	836.5	DFT-s-OFDM 16 QAM	25@0	4.4972	4.934
n26_Part 22	15	10	836.5	DFT-s-OFDM PI/2 BPSK	50@0	8.9528	9.445
n26_Part 22	15	10	836.5	DFT-s-OFDM QPSK	50@0	8.9525	9.609
n26_Part 22	15	10	836.5	DFT-s-OFDM 16 QAM	50@0	8.9640	9.447
n26_Part 22	15	15	836.5	DFT-s-OFDM PI/2 BPSK	75@0	13.469	14.26
n26_Part 22	15	15	836.5	DFT-s-OFDM QPSK	75@0	13.464	14.20
n26_Part 22	15	15	836.5	DFT-s-OFDM 16 QAM	75@0	13.405	14.12
n26_Part 22	15	20	836.5	DFT-s-OFDM PI/2 BPSK	100@0	17.863	18.70
n26_Part 22	15	20	836.5	DFT-s-OFDM QPSK	100@0	17.892	18.79
n26_Part 22	15	20	836.5	DFT-s-OFDM 16 QAM	100@0	17.892	18.64
n26_Part 90	15	5	819.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4826	5.040
n26_Part 90	15	5	819.0	DFT-s-OFDM QPSK	25@0	4.4919	4.966
n26_Part 90	15	5	819.0	DFT-s-OFDM 16 QAM	25@0	4.5016	4.955
n26_Part 90	15	10	819.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9406	9.442
n26_Part 90	15	10	819.0	DFT-s-OFDM QPSK	50@0	8.9636	9.535
n26_Part 90	15	10	819.0	DFT-s-OFDM 16 QAM	50@0	8.9393	9.652

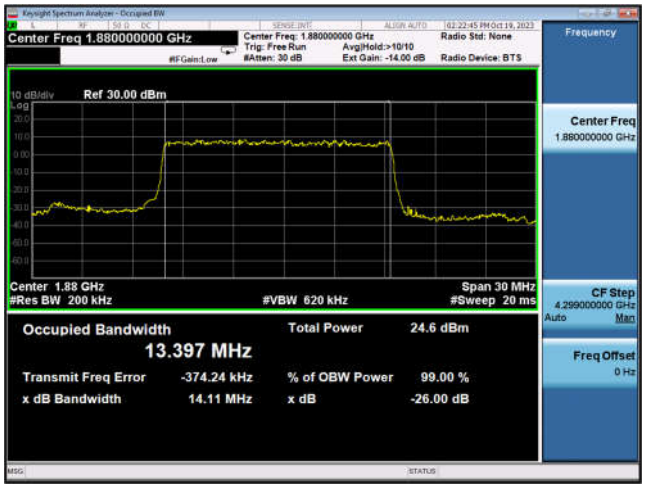
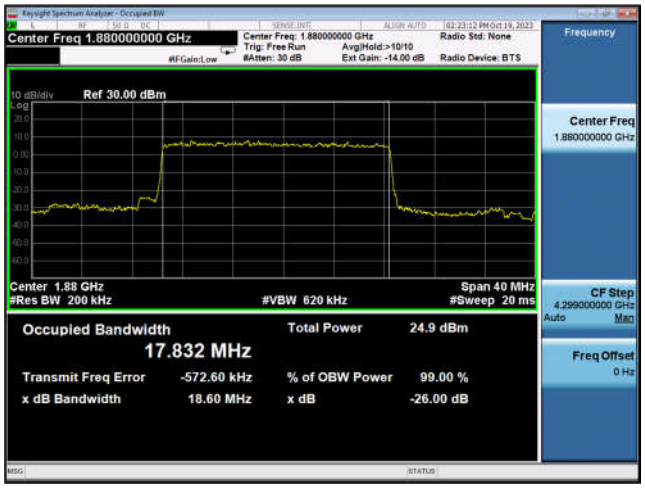
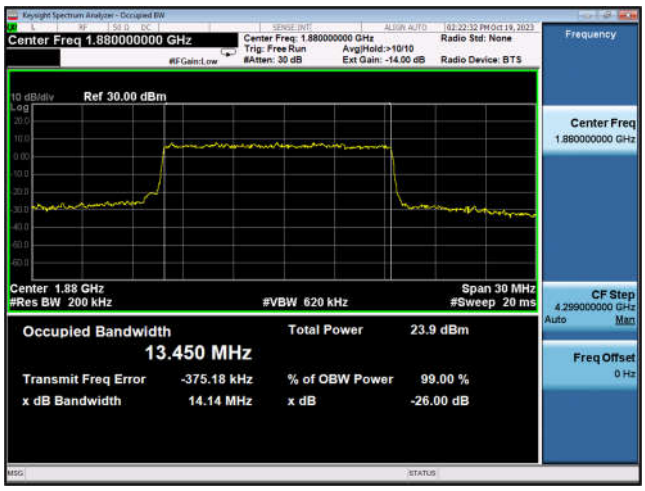
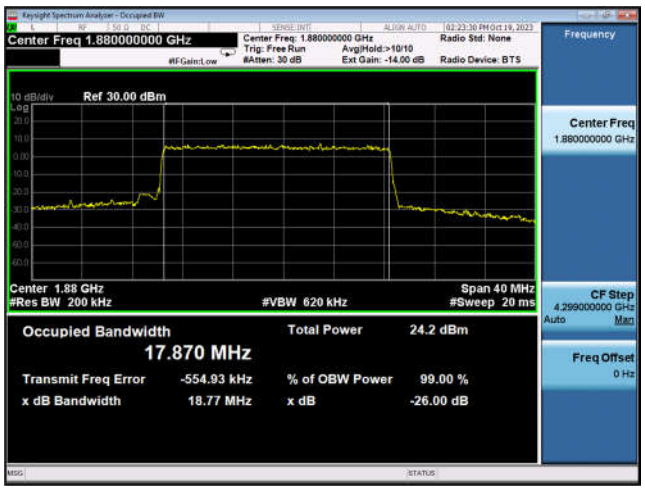
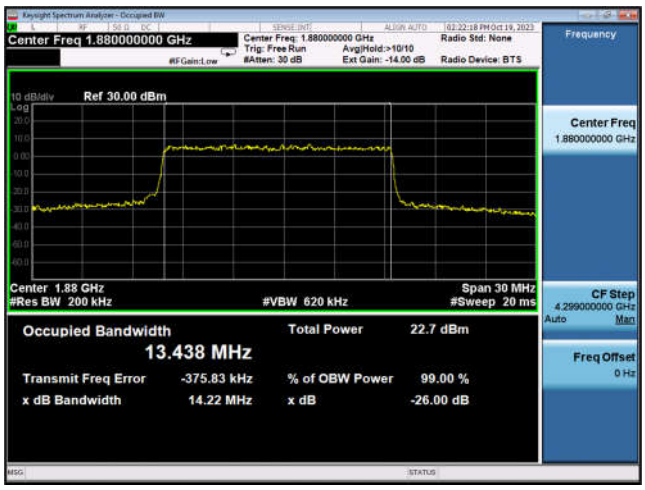
NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n66	15	5	1745.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4980	5.141
n66	15	5	1745.0	DFT-s-OFDM QPSK	25@0	4.5006	5.064
n66	15	5	1745.0	DFT-s-OFDM 16 QAM	25@0	4.5168	5.011
n66	15	10	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9339	9.507
n66	15	10	1745.0	DFT-s-OFDM QPSK	50@0	8.9225	9.486
n66	15	10	1745.0	DFT-s-OFDM 16 QAM	50@0	8.9609	9.567
n66	15	15	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	13.405	14.07
n66	15	15	1745.0	DFT-s-OFDM QPSK	75@0	13.395	14.22
n66	15	15	1745.0	DFT-s-OFDM 16 QAM	75@0	13.420	14.17
n66	15	20	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	17.856	18.73
n66	15	20	1745.0	DFT-s-OFDM QPSK	100@0	17.873	18.65
n66	15	20	1745.0	DFT-s-OFDM 16 QAM	100@0	17.875	18.62
n66	15	25	1745.0	DFT-s-OFDM PI/2 BPSK	128@0	22.910	23.87
n66	15	25	1745.0	DFT-s-OFDM QPSK	128@0	22.882	23.89
n66	15	25	1745.0	DFT-s-OFDM 16 QAM	128@0	22.904	23.80
n66	15	30	1745.0	DFT-s-OFDM PI/2 BPSK	160@0	28.559	29.66
n66	15	30	1745.0	DFT-s-OFDM QPSK	160@0	28.507	29.53
n66	15	30	1745.0	DFT-s-OFDM 16 QAM	160@0	28.559	29.63
n66	15	40	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	38.667	48.45
n66	15	40	1745.0	DFT-s-OFDM QPSK	216@0	38.686	48.70
n66	15	40	1745.0	DFT-s-OFDM 16 QAM	216@0	38.590	39.95

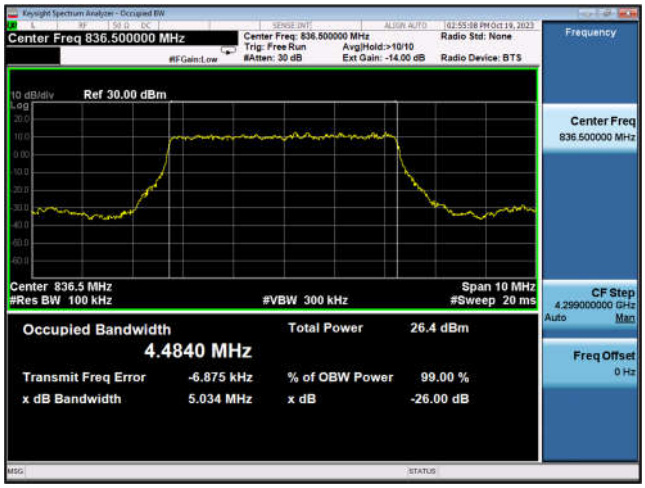
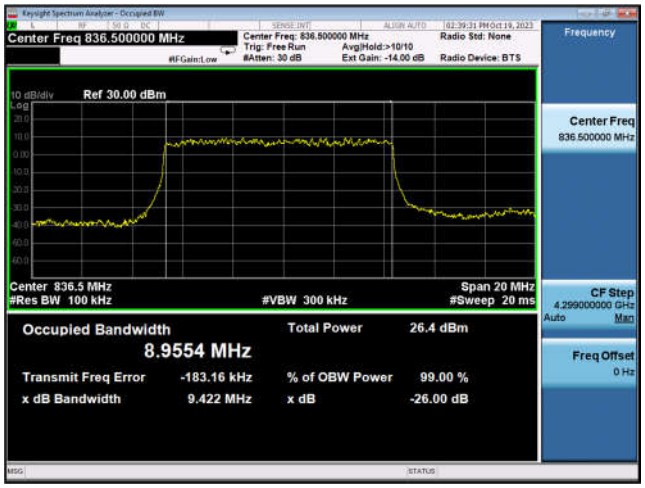
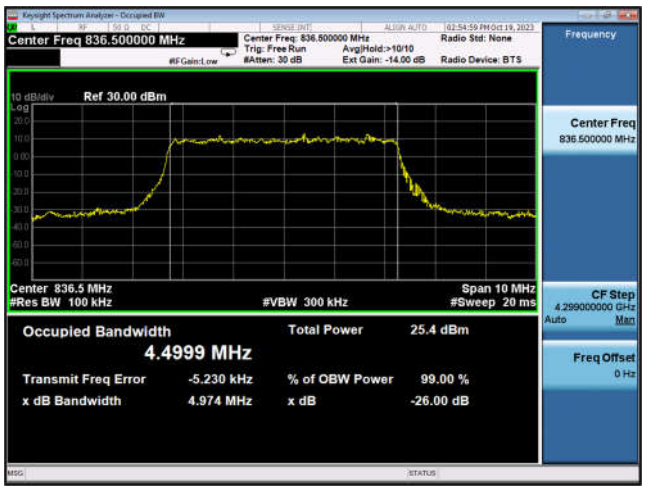
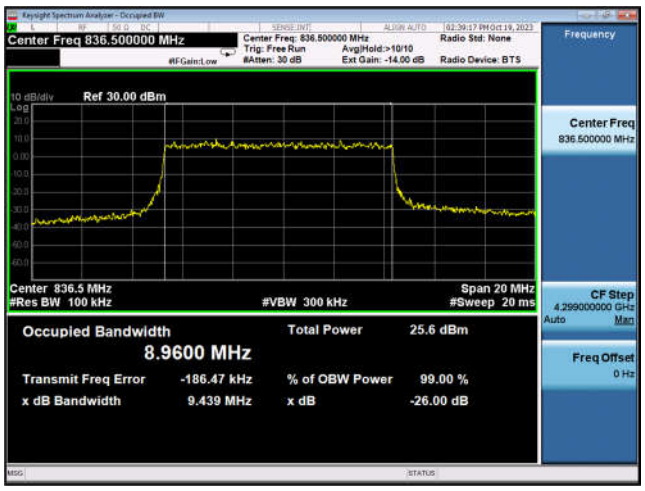
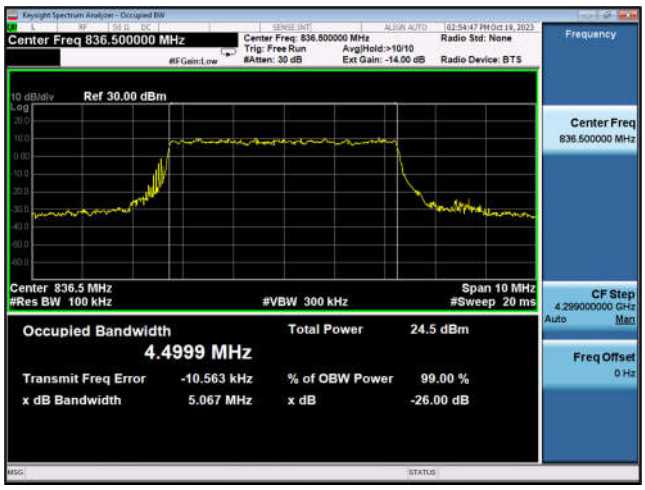
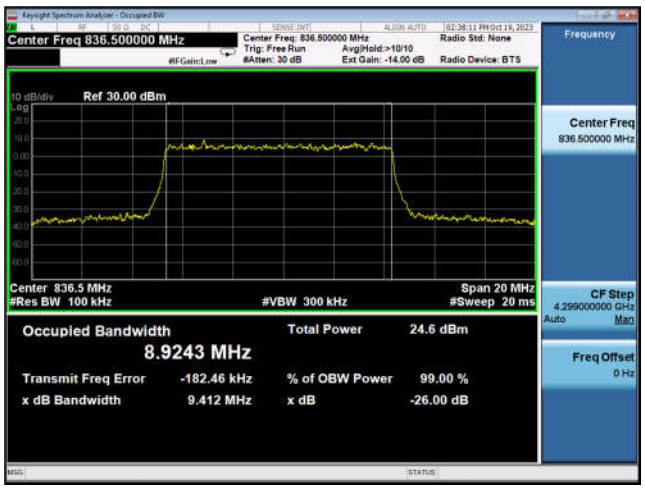
NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n41	30	20	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.799	19.18
n41	30	20	2592.99	DFT-s-OFDM QPSK	50@0	17.900	19.37
n41	30	20	2592.99	DFT-s-OFDM 16 QAM	50@0	17.856	19.22
n41	30	30	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.748	28.38
n41	30	30	2592.99	DFT-s-OFDM QPSK	75@0	26.776	28.40
n41	30	30	2592.99	DFT-s-OFDM 16 QAM	75@0	26.751	28.54
n41	30	40	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.695	37.56
n41	30	40	2592.99	DFT-s-OFDM QPSK	100@0	35.719	37.89
n41	30	40	2592.99	DFT-s-OFDM 16 QAM	100@0	35.738	37.74
n41	30	50	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.745	48.00
n41	30	50	2592.99	DFT-s-OFDM QPSK	128@0	45.684	47.80
n41	30	50	2592.99	DFT-s-OFDM 16 QAM	128@0	45.689	47.96
n41	30	60	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.855	60.11
n41	30	60	2592.99	DFT-s-OFDM QPSK	162@0	57.708	60.28
n41	30	60	2592.99	DFT-s-OFDM 16 QAM	162@0	57.820	59.92
n41	30	70	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	64.218	67.02
n41	30	70	2592.99	DFT-s-OFDM QPSK	180@0	64.355	67.42
n41	30	70	2592.99	DFT-s-OFDM 16 QAM	180@0	64.203	66.91
n41	30	80	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	76.937	80.16
n41	30	80	2592.99	DFT-s-OFDM QPSK	216@0	77.064	79.99
n41	30	80	2592.99	DFT-s-OFDM 16 QAM	216@0	77.013	80.11
n41	30	90	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	86.626	89.80
n41	30	90	2592.99	DFT-s-OFDM QPSK	240@0	86.671	89.76
n41	30	90	2592.99	DFT-s-OFDM 16 QAM	240@0	86.737	89.87
n41	30	100	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.413	100.0
n41	30	100	2592.99	DFT-s-OFDM QPSK	270@0	96.311	100.1
n41	30	100	2592.99	DFT-s-OFDM 16 QAM	270@0	96.342	100.2

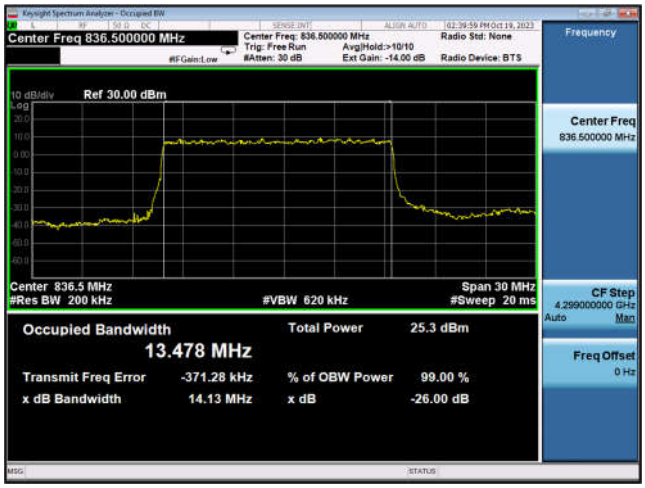
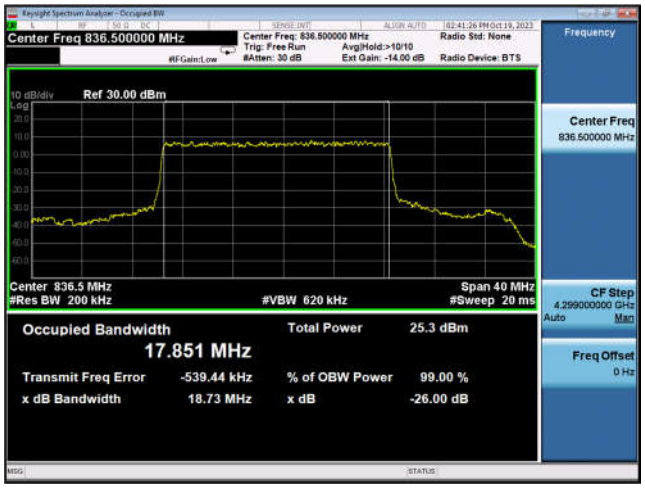
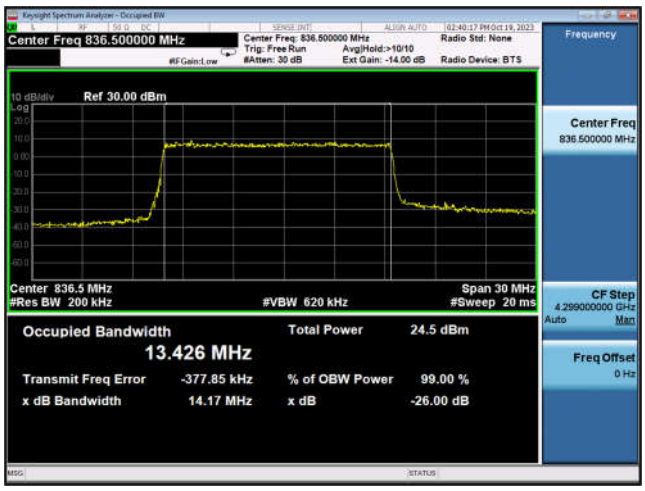
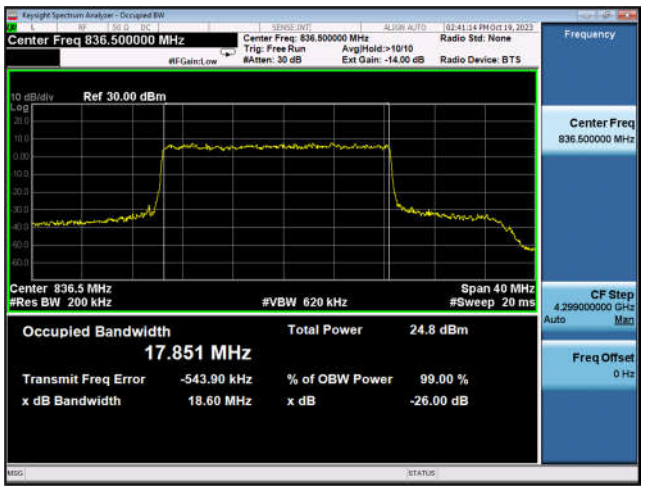
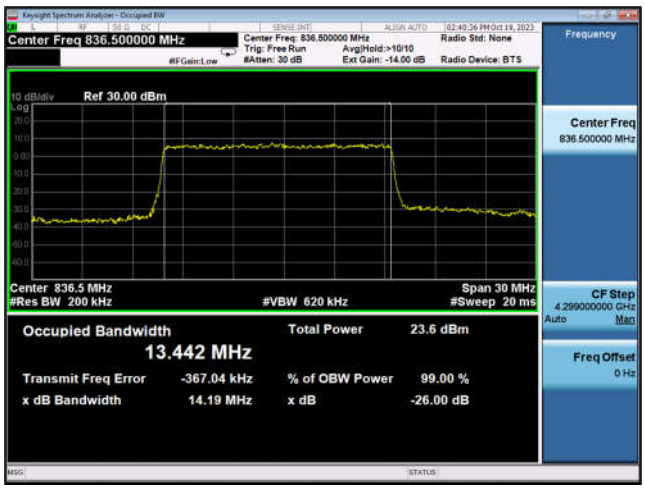
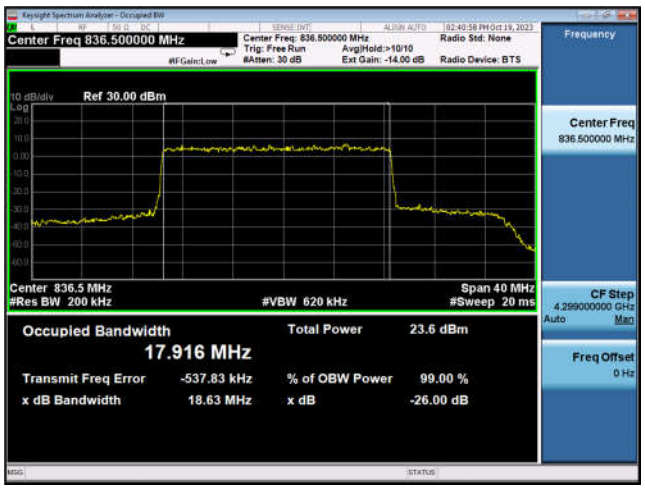
NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n77	30	20	3840.0	DFT-s-OFDM PI/2 BPSK	50@0	17.822	19.18
n77	30	20	3840.0	DFT-s-OFDM QPSK	50@0	17.817	19.07
n77	30	20	3840.0	DFT-s-OFDM 16 QAM	50@0	17.914	19.19
n77	30	30	3840.0	DFT-s-OFDM PI/2 BPSK	75@0	26.754	28.51
n77	30	30	3840.0	DFT-s-OFDM QPSK	75@0	26.818	28.30
n77	30	30	3840.0	DFT-s-OFDM 16 QAM	75@0	26.781	28.43
n77	30	40	3840.0	DFT-s-OFDM PI/2 BPSK	100@0	35.638	37.54
n77	30	40	3840.0	DFT-s-OFDM QPSK	100@0	35.596	37.61
n77	30	40	3840.0	DFT-s-OFDM 16 QAM	100@0	35.623	37.45
n77	30	50	3840.0	DFT-s-OFDM PI/2 BPSK	128@0	45.659	47.43
n77	30	50	3840.0	DFT-s-OFDM QPSK	128@0	45.588	47.79
n77	30	50	3840.0	DFT-s-OFDM 16 QAM	128@0	45.627	47.75
n77	30	60	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	57.804	60.42
n77	30	60	3840.0	DFT-s-OFDM QPSK	162@0	57.886	60.17
n77	30	60	3840.0	DFT-s-OFDM 16 QAM	162@0	57.696	60.29
n77	30	70	3840.0	DFT-s-OFDM PI/2 BPSK	162@0	64.118	66.89
n77	30	70	3840.0	DFT-s-OFDM QPSK	180@0	64.211	66.83
n77	30	70	3840.0	DFT-s-OFDM 16 QAM	180@0	64.173	66.59
n77	30	80	3840.0	DFT-s-OFDM PI/2 BPSK	216@0	76.646	79096
n77	30	80	3840.0	DFT-s-OFDM QPSK	216@0	76.730	79.84
n77	30	80	3840.0	DFT-s-OFDM 16 QAM	216@0	77.037	80.00
n77	30	90	3840.0	DFT-s-OFDM PI/2 BPSK	240@0	86.549	89.79
n77	30	90	3840.0	DFT-s-OFDM QPSK	240@0	86.649	89.74
n77	30	90	3840.0	DFT-s-OFDM 16 QAM	240@0	86.562	90.02
n77	30	100	3840.0	DFT-s-OFDM PI/2 BPSK	270@0	96.179	99.76
n77	30	100	3840.0	DFT-s-OFDM QPSK	270@0	96.348	100.1
n77	30	100	3840.0	DFT-s-OFDM 16 QAM	270@0	96.143	99.96

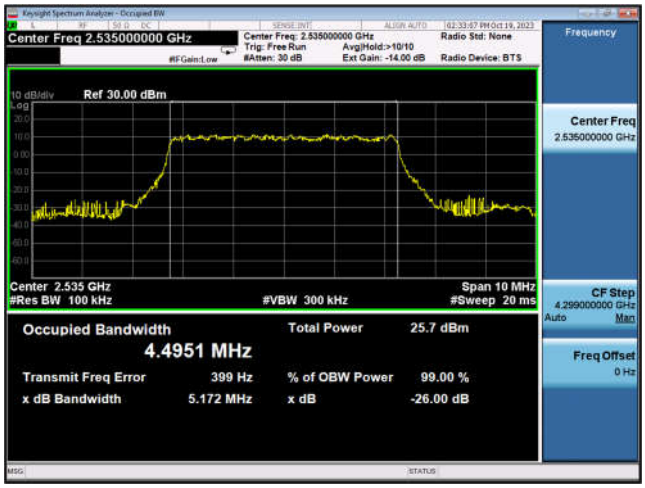
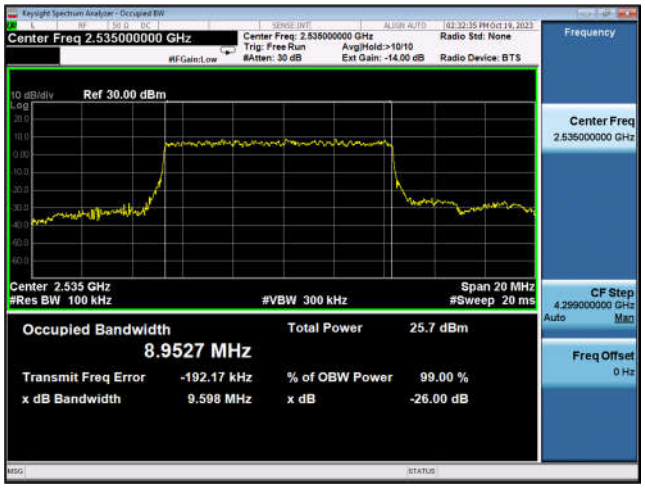
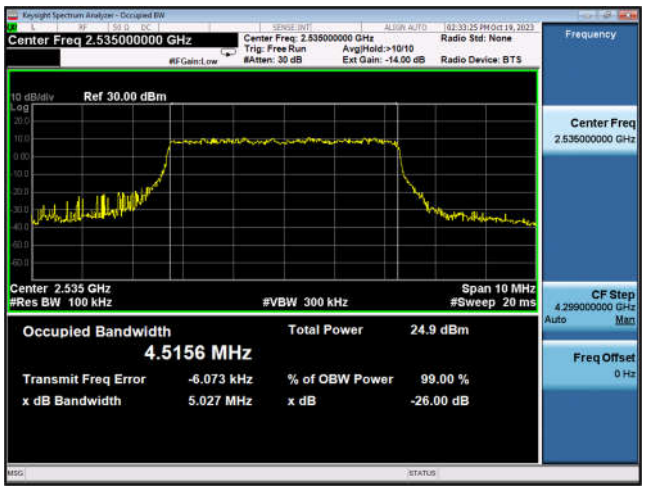
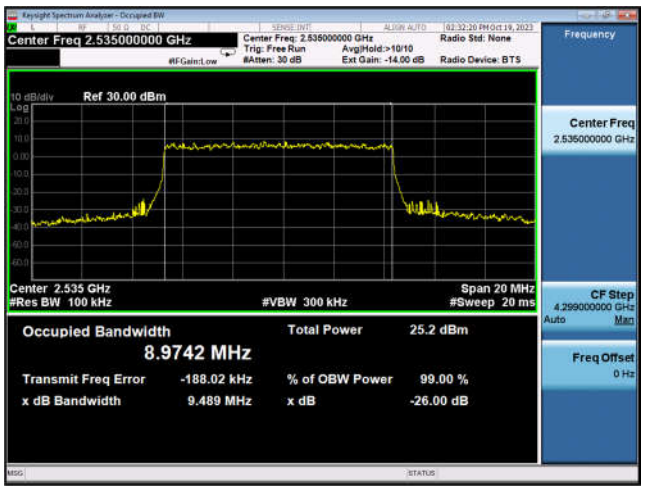
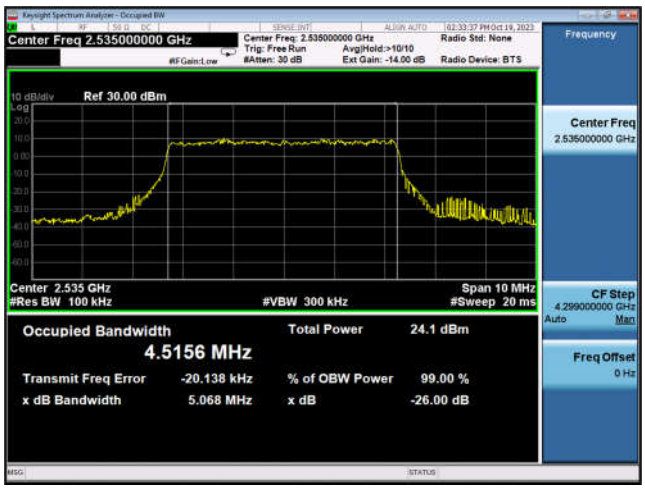
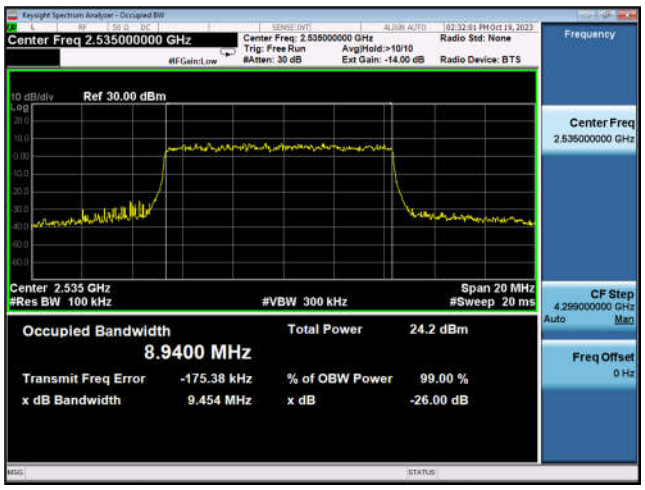
NR Band	SCS (kHz)	Bandwidth (MHz)	Freq (MHz)	Modulation	RB Configuration	99% OBW (MHz)	26dB EBW (MHz)
n78	30	20	3500.01	DFT-s-OFDM PI/2 BPSK	50@0	17.819	19.23
n78	30	20	3500.01	DFT-s-OFDM QPSK	50@0	17.852	19.15
n78	30	20	3500.01	DFT-s-OFDM 16 QAM	50@0	17.828	19.26
n78	30	30	3500.01	DFT-s-OFDM PI/2 BPSK	75@0	26.728	28.60
n78	30	30	3500.01	DFT-s-OFDM QPSK	75@0	26.831	28.28
n78	30	30	3500.01	DFT-s-OFDM 16 QAM	75@0	26.783	28.57
n78	30	40	3500.01	DFT-s-OFDM PI/2 BPSK	100@0	35.736	37.78
n78	30	40	3500.01	DFT-s-OFDM QPSK	100@0	35.723	37.60
n78	30	40	3500.01	DFT-s-OFDM 16 QAM	100@0	35.769	37.66
n78	30	50	3500.01	DFT-s-OFDM PI/2 BPSK	128@0	45.811	47.86
n78	30	50	3500.01	DFT-s-OFDM QPSK	128@0	45.618	47.72
n78	30	50	3500.01	DFT-s-OFDM 16 QAM	128@0	45.726	47.84
n78	30	60	3500.01	DFT-s-OFDM PI/2 BPSK	162@0	57.817	60.53
n78	30	60	3500.01	DFT-s-OFDM QPSK	162@0	57.843	60.53
n78	30	60	3500.01	DFT-s-OFDM 16 QAM	162@0	57.875	60.28
n78	30	70	3500.01	DFT-s-OFDM PI/2 BPSK	162@0	64.287	67.19
n78	30	70	3500.01	DFT-s-OFDM QPSK	180@0	64.213	66.94
n78	30	70	3500.01	DFT-s-OFDM 16 QAM	180@0	64.309	67.10
n78	30	80	3500.01	DFT-s-OFDM PI/2 BPSK	216@0	77.105	79.81
n78	30	80	3500.01	DFT-s-OFDM QPSK	216@0	77.138	79.92
n78	30	80	3500.01	DFT-s-OFDM 16 QAM	216@0	77.170	80.25
n78	30	90	3500.01	DFT-s-OFDM PI/2 BPSK	240@0	86.880	90.05
n78	30	90	3500.01	DFT-s-OFDM QPSK	240@0	86.969	90.30
n78	30	90	3500.01	DFT-s-OFDM 16 QAM	240@0	86.800	90.11
n78	30	100	3500.01	DFT-s-OFDM PI/2 BPSK	270@0	96.387	99.91
n78	30	100	3500.01	DFT-s-OFDM QPSK	270@0	96.565	100.1
n78	30	100	3500.01	DFT-s-OFDM 16 QAM	270@0	96.340	99.96

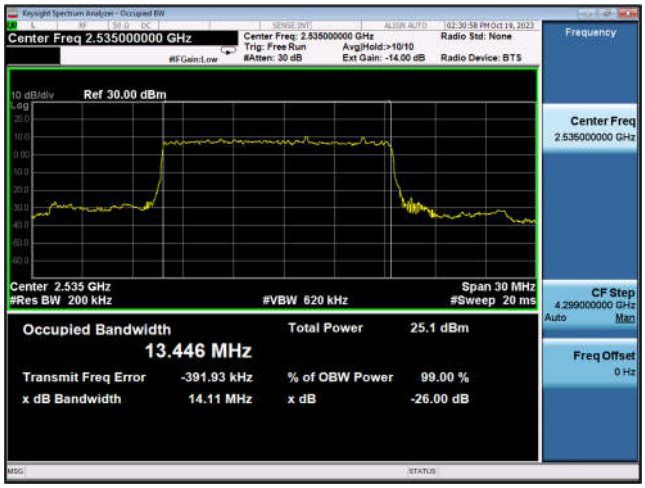
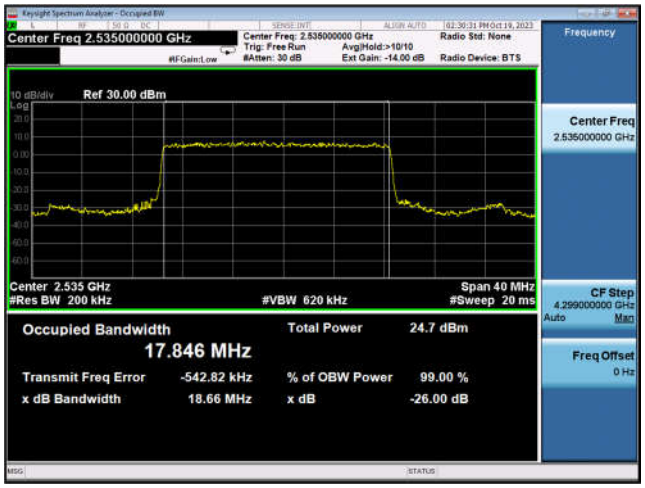
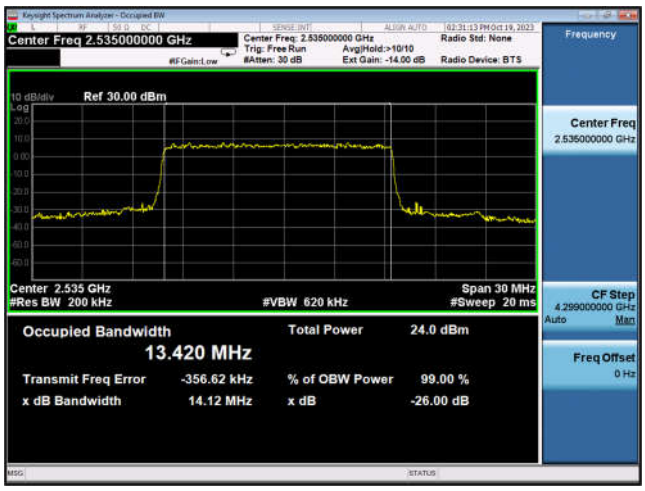
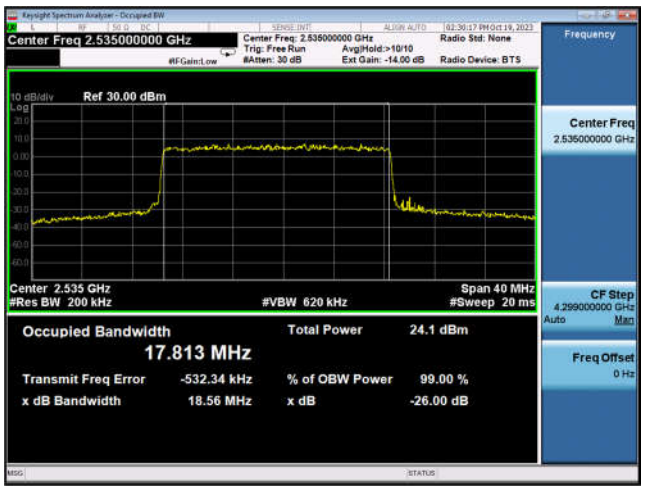
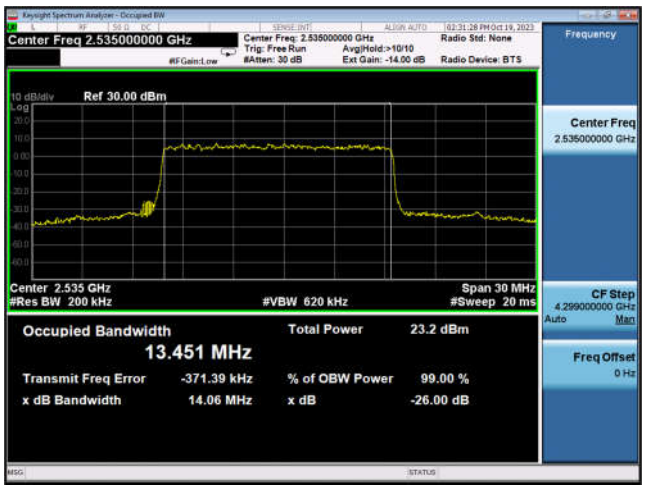
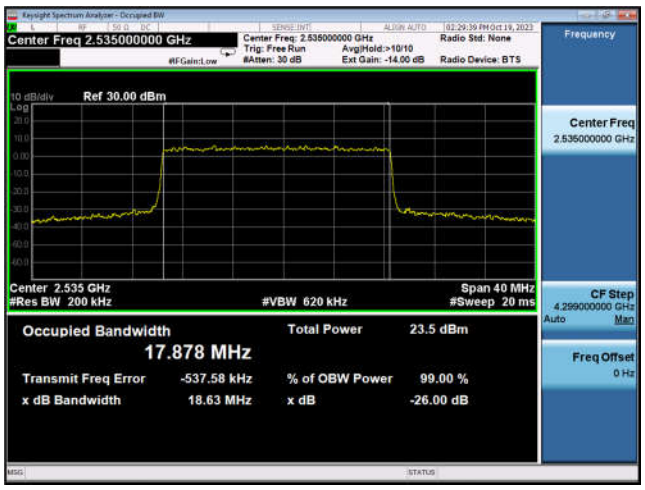
Band n2_5MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n2_10MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n2_5MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n2_10MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n2_5MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n2_10MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

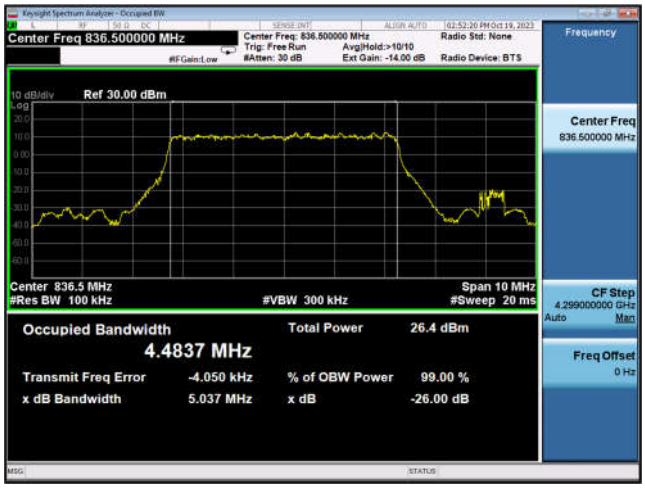
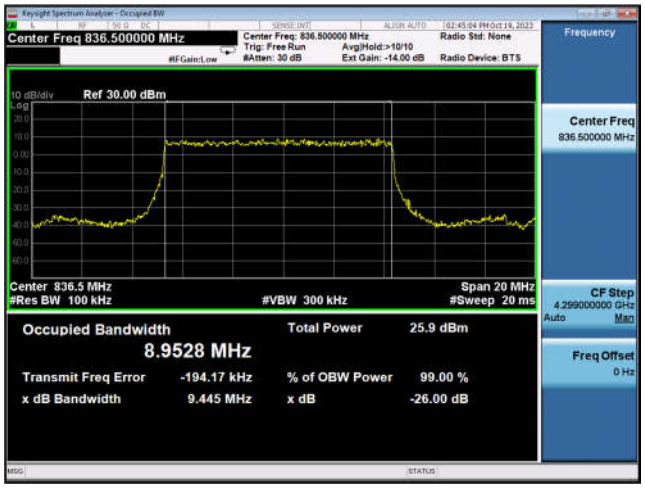
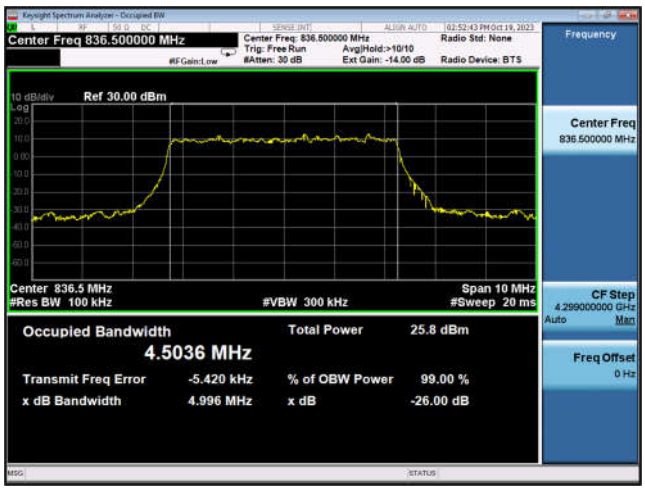
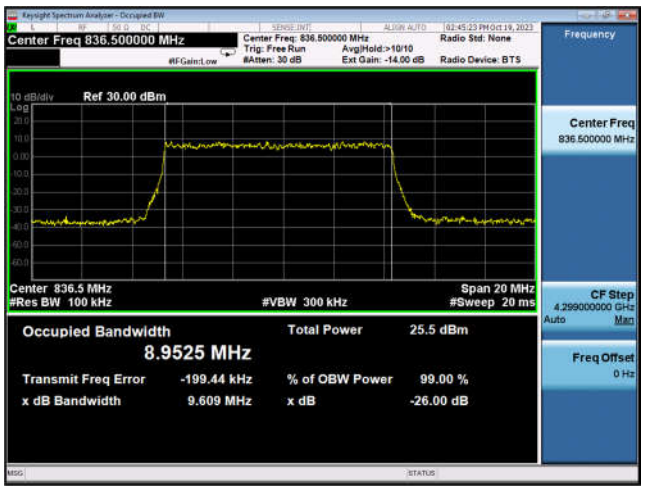
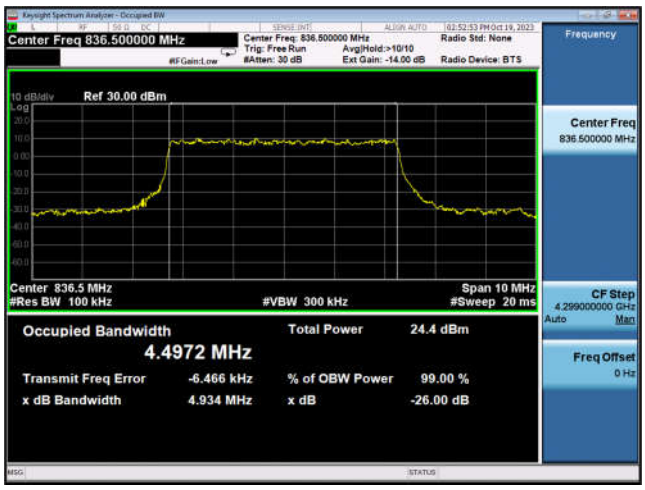
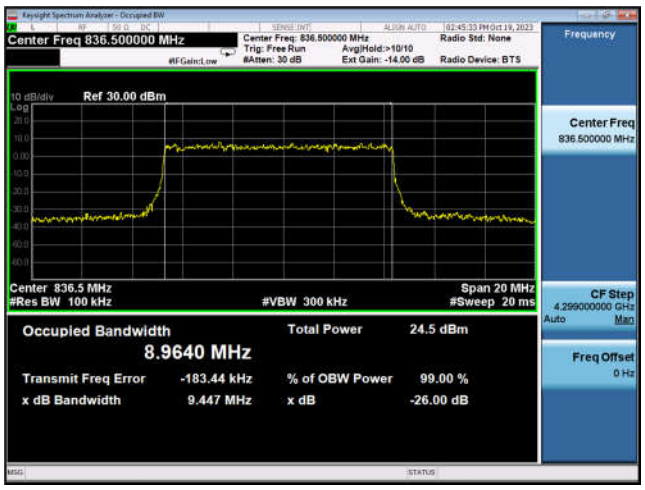
Band n2_15MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n2_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n2_15MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n2_20MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n2_15MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n2_20MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

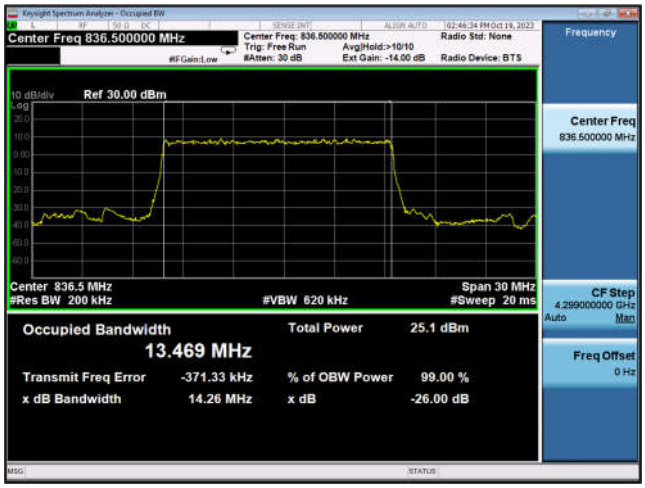
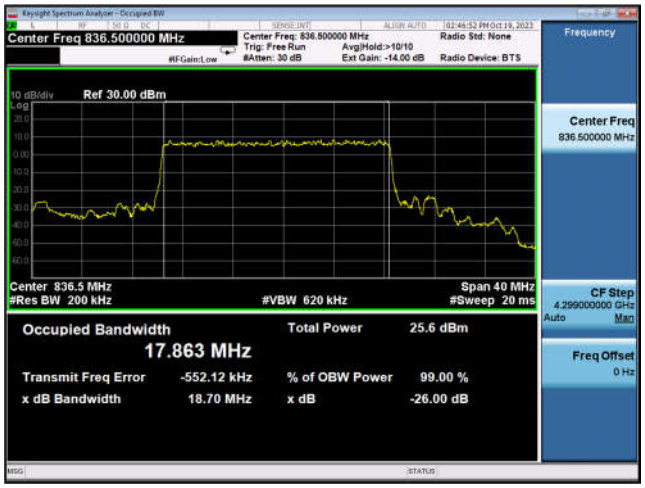
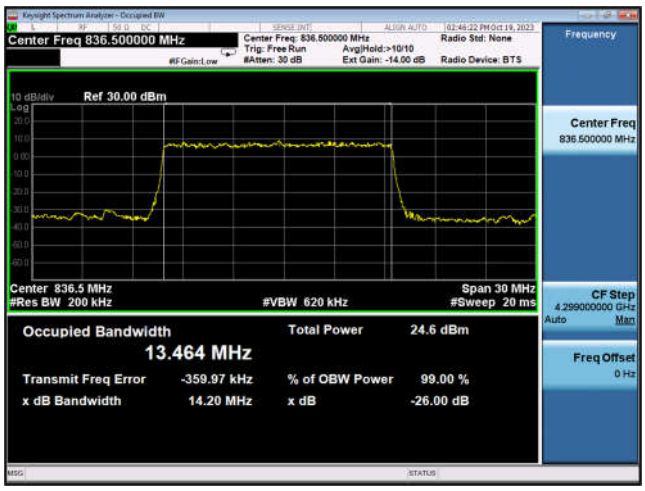
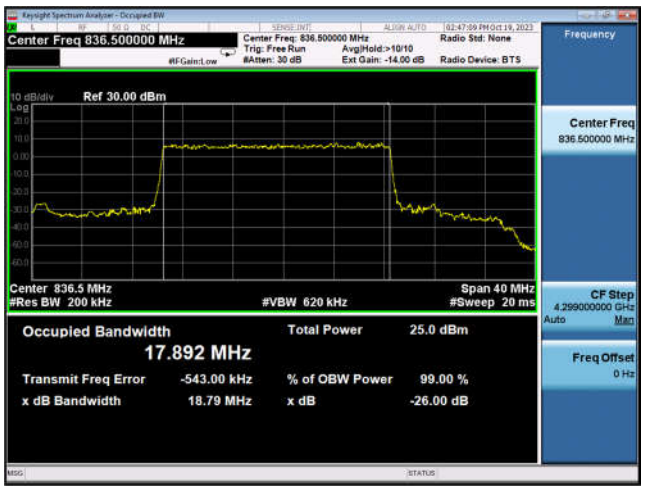
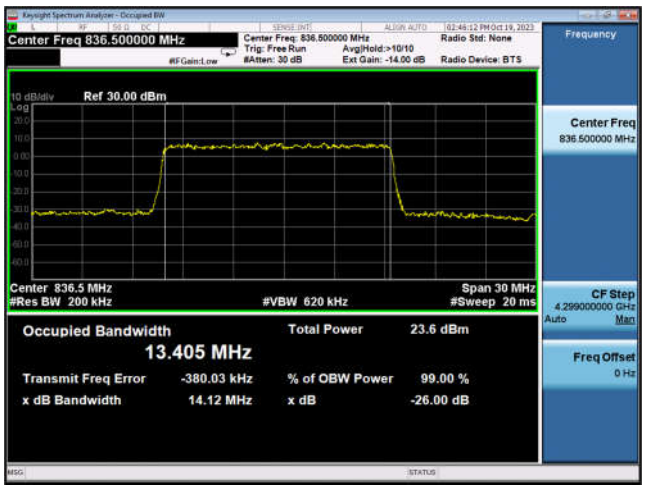
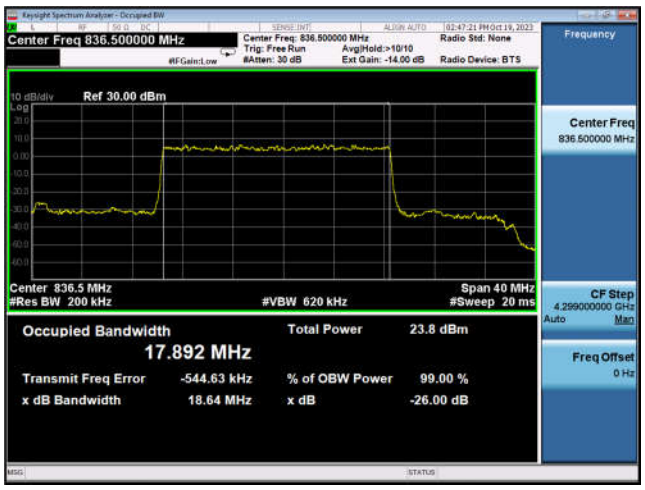
Band n5_5MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n5_10MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n5_5MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n5_10MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n5_5MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n5_10MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

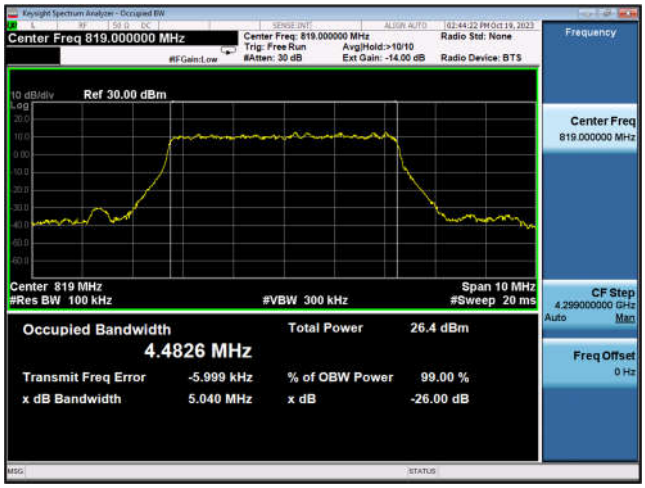
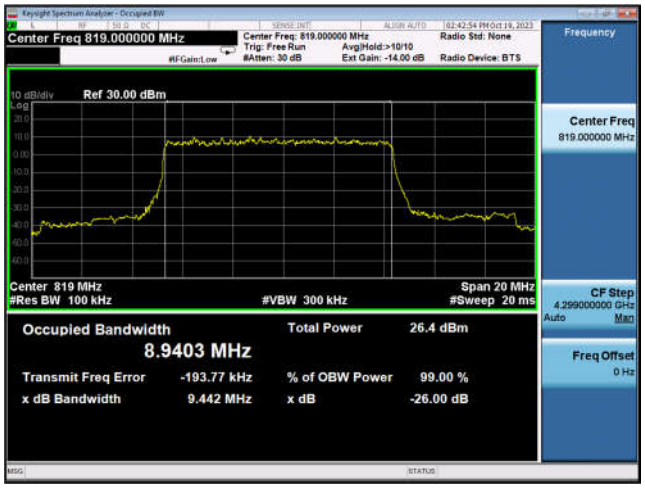
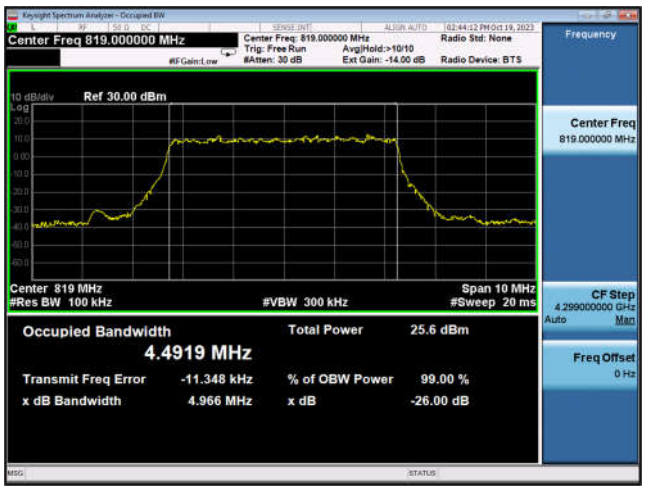
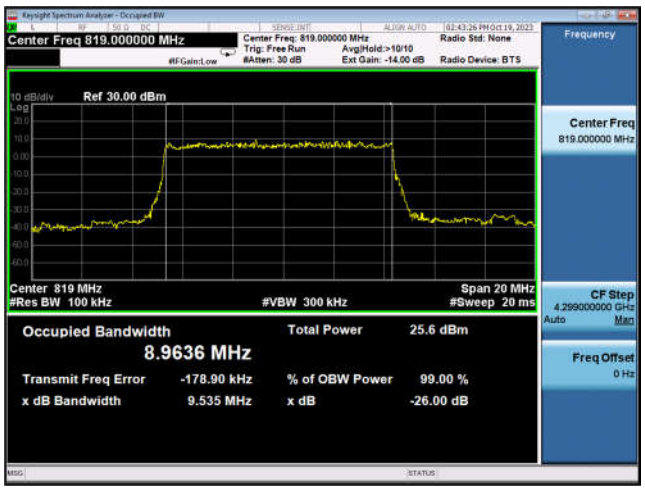
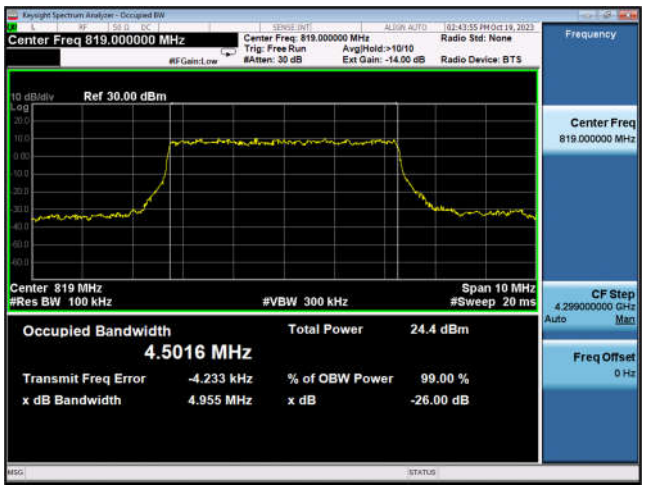
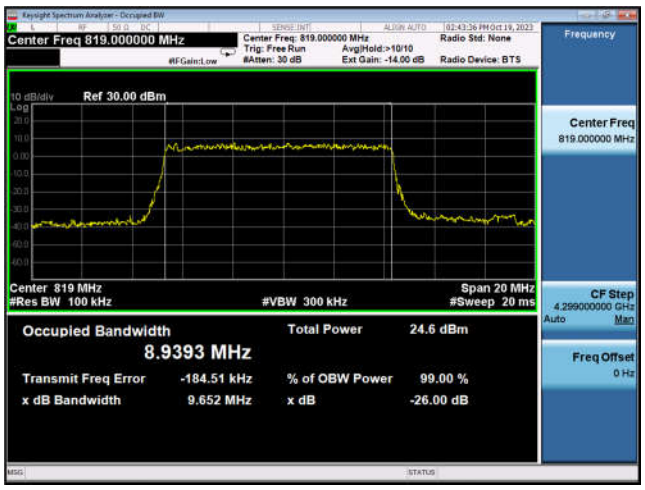
Band n5_15MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n5_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n5_15MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n5_20MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n5_15MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n5_20MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

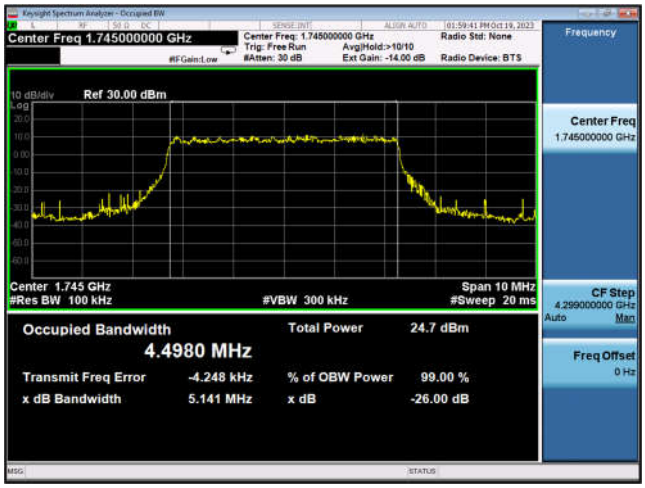
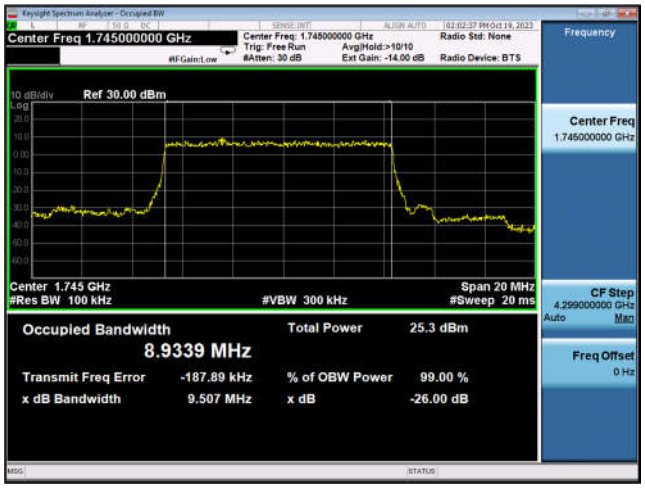
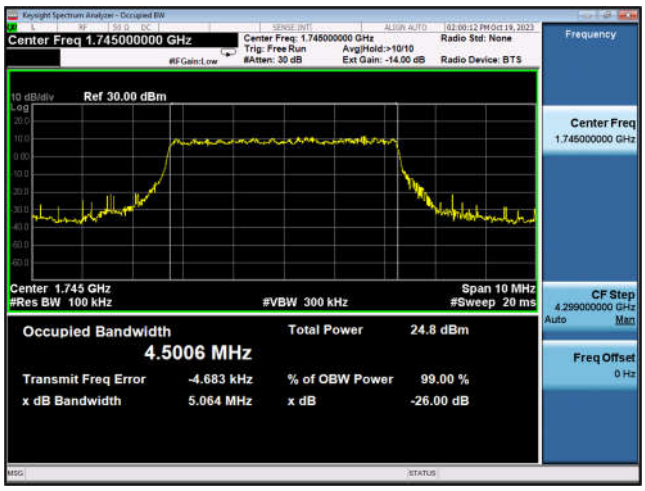
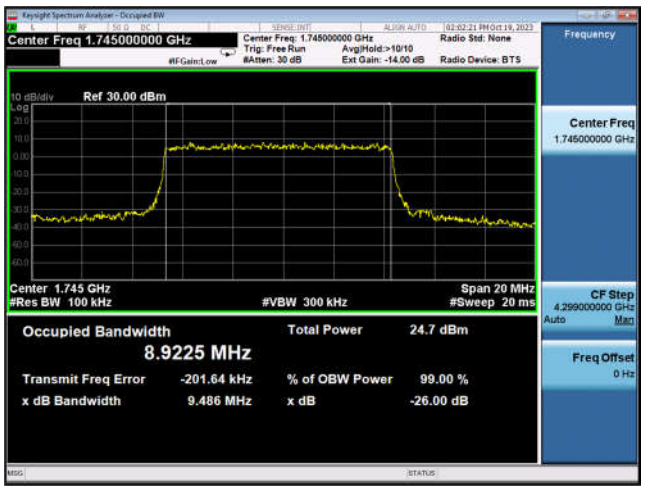
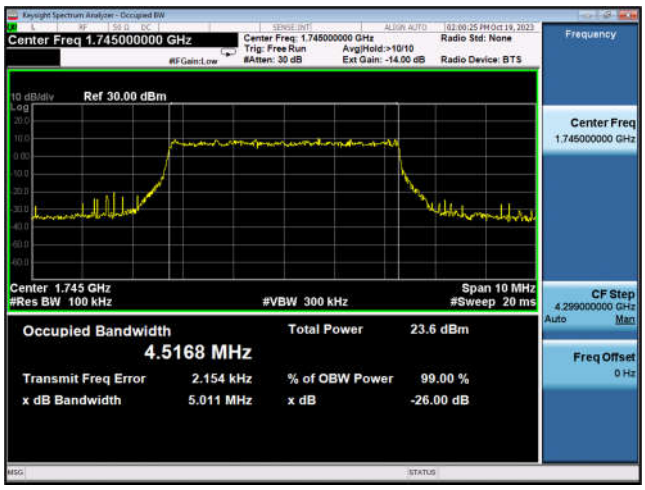
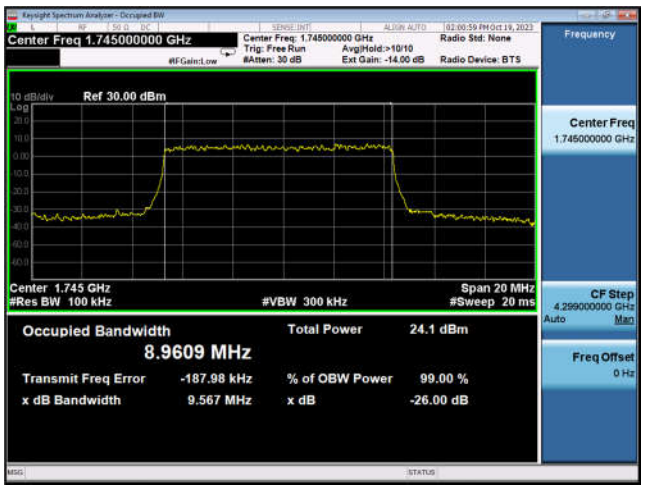
Band n7_5MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n7_10MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n7_5MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n7_10MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n7_5MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n7_10MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

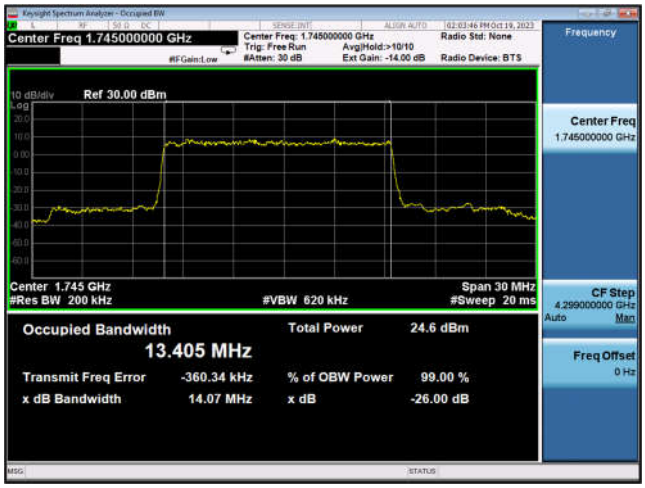
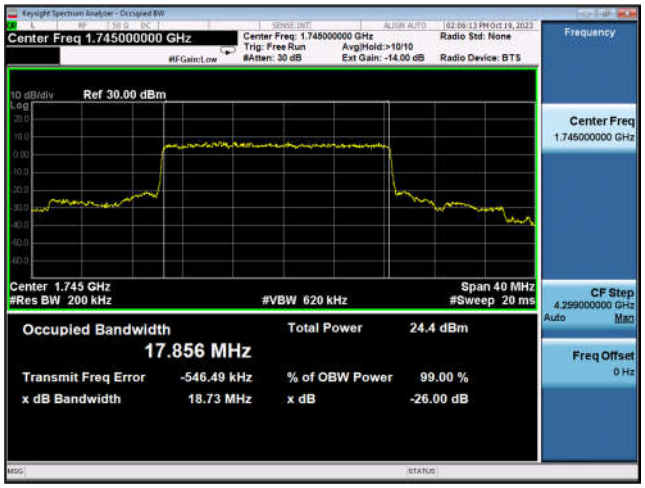
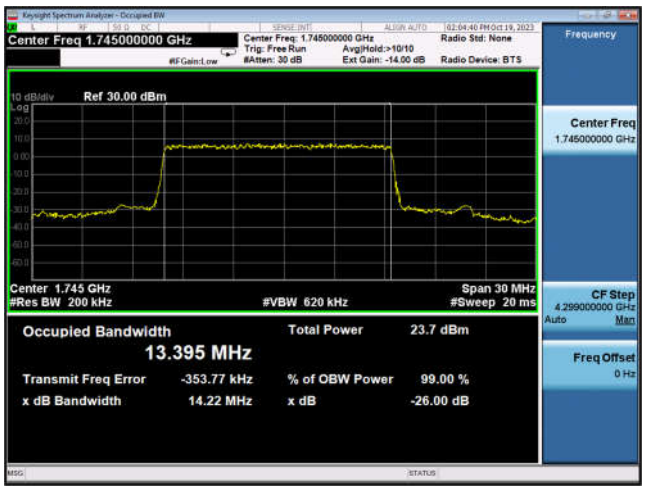
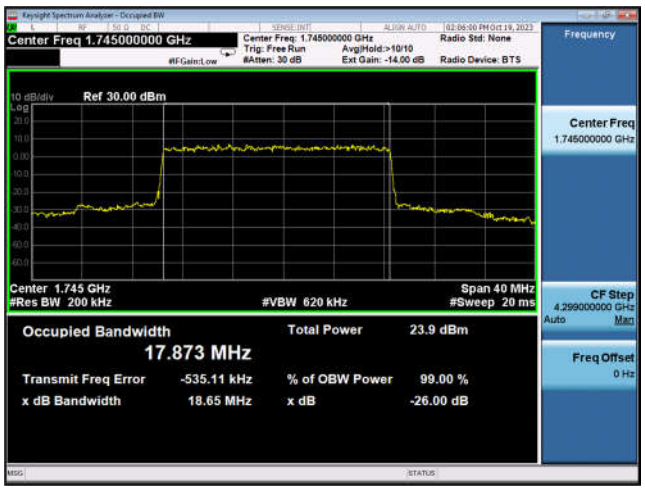
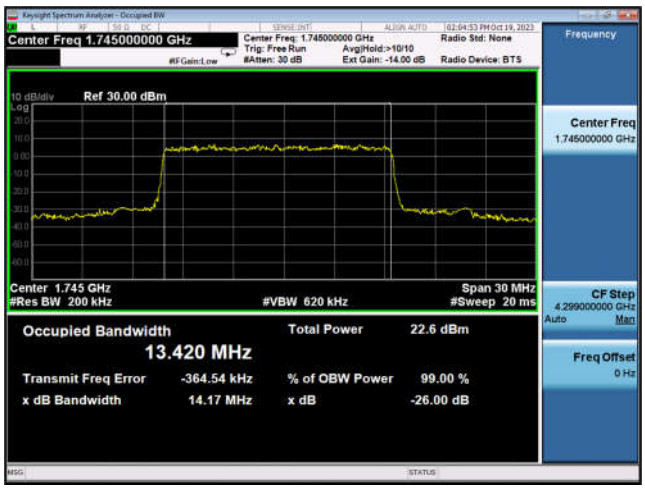
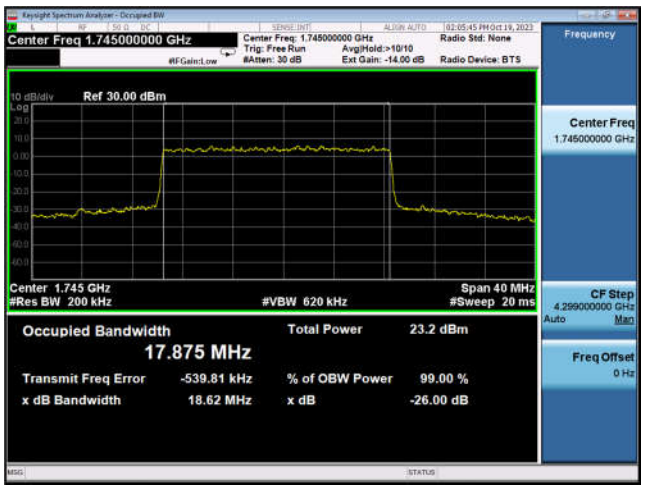
Band n7_15MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n7_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n7_15MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n7_20MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n7_15MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n7_20MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

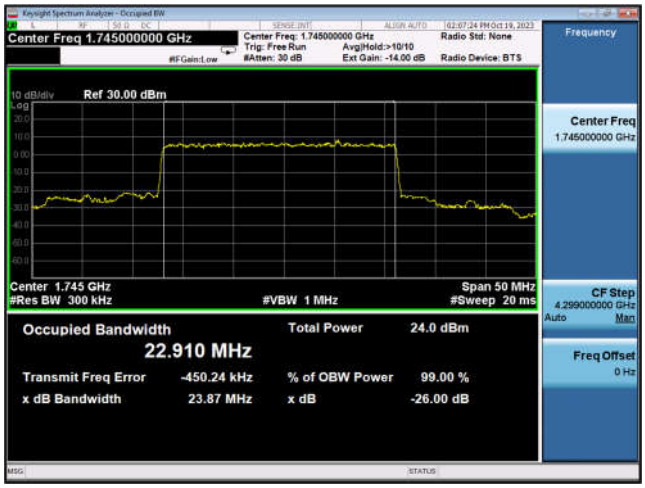
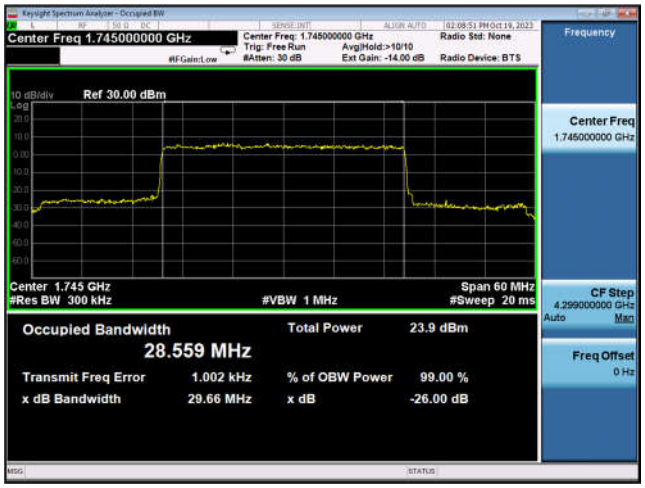
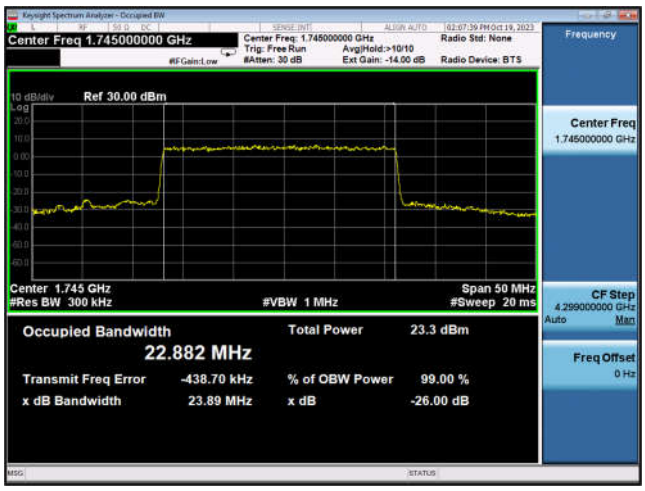
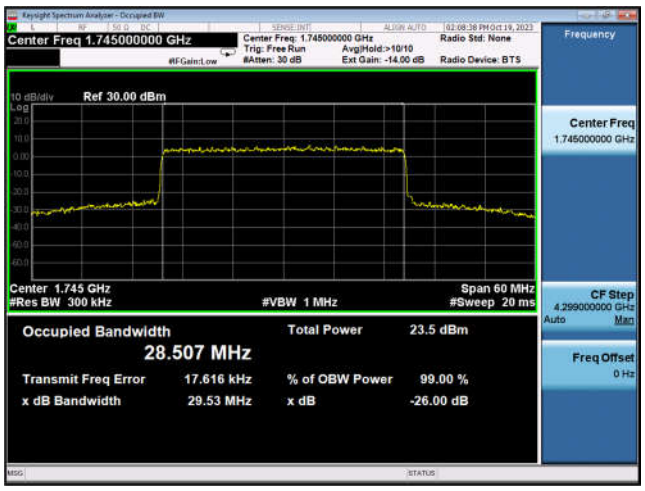
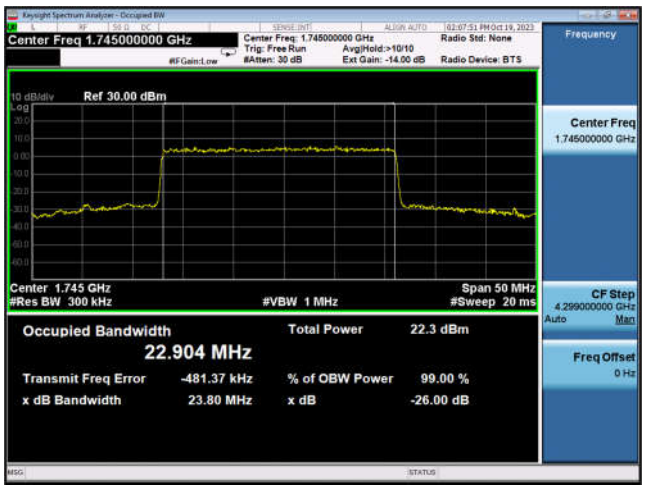
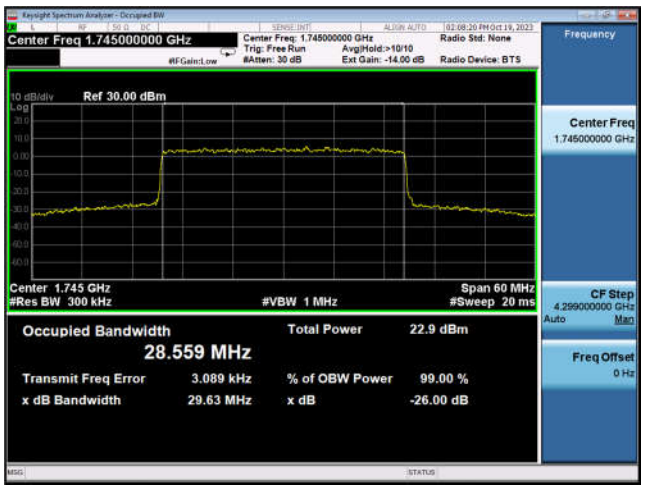
Band n26_Part 22_5MHz_DFT-s-OFDM_ PI_2-BPSK_Outer_Full_Mid_CH	Band n26_Part 22_10MHz_DFT-s-OFDM_ PI_2-BPSK_Outer_Full_Mid_CH
	
Band n26_Part 22_5MHz_DFT-s-OFDM_ QPSK_Outer_Full_Mid_CH	Band n26_Part 22_10MHz_DFT-s-OFDM_ QPSK_Outer_Full_Mid_CH
	
Band n26_Part 22_5MHz_DFT-s-OFDM_ 16QAM_Outer_Full_Mid_CH	Band n26_Part 22_10MHz_DFT-s-OFDM_ 16QAM_Outer_Full_Mid_CH
	

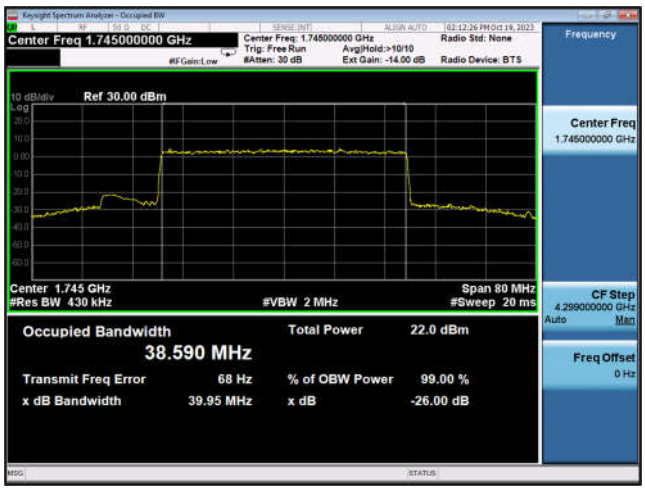
Band n26_Part 22_15MHz_DFT-s-OFDM_ PI_2-BPSK_Outer_Full_Mid_CH	Band n26_Part 22_20MHz_DFT-s-OFDM_ PI_2-BPSK_Outer_Full_Mid_CH
	
Band n26_Part 22_15MHz_DFT-s-OFDM_ QPSK_Outer_Full_Mid_CH	Band n26_Part 22_20MHz_DFT-s-OFDM_ QPSK_Outer_Full_Mid_CH
	
Band n26_Part 22_15MHz_DFT-s-OFDM_ 16QAM_Outer_Full_Mid_CH	Band n26_Part 22_20MHz_DFT-s-OFDM_ 16QAM_Outer_Full_Mid_CH
	

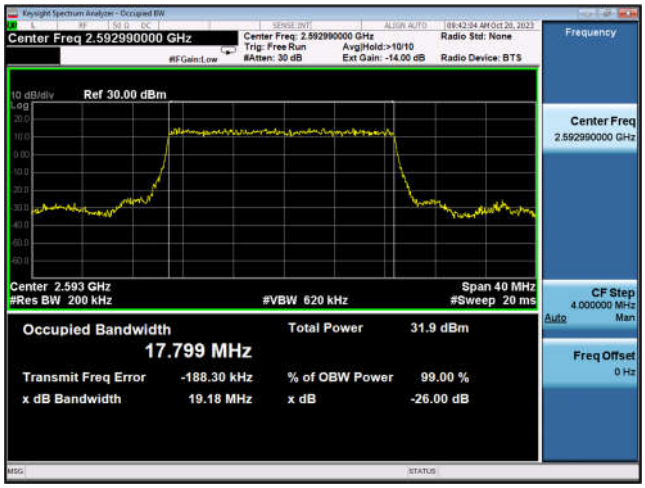
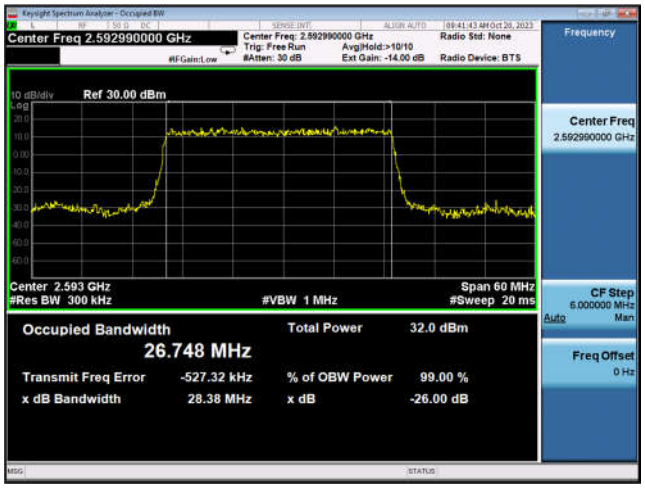
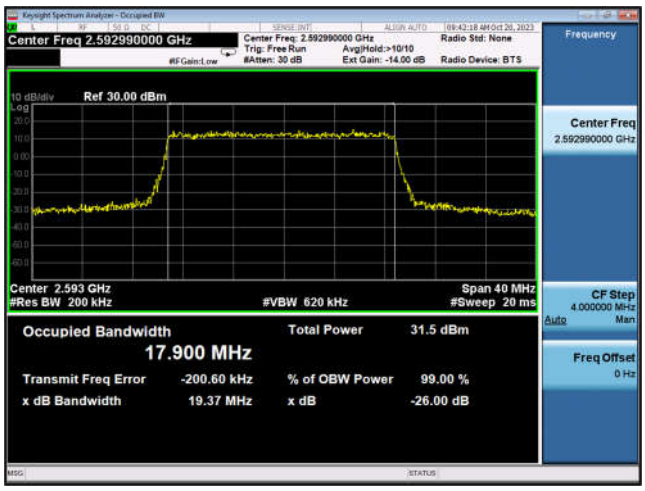
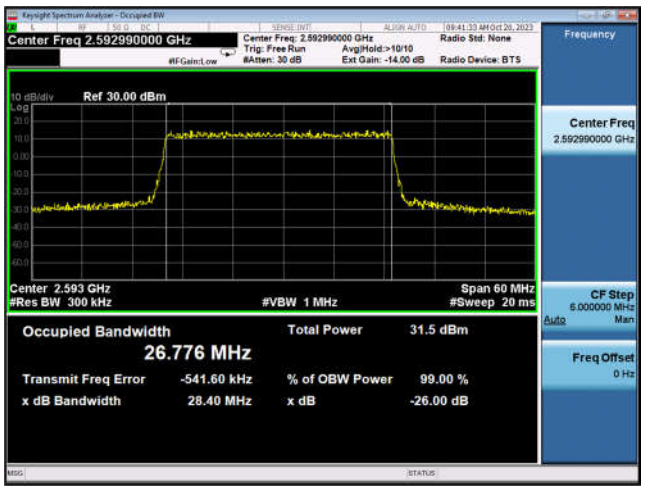
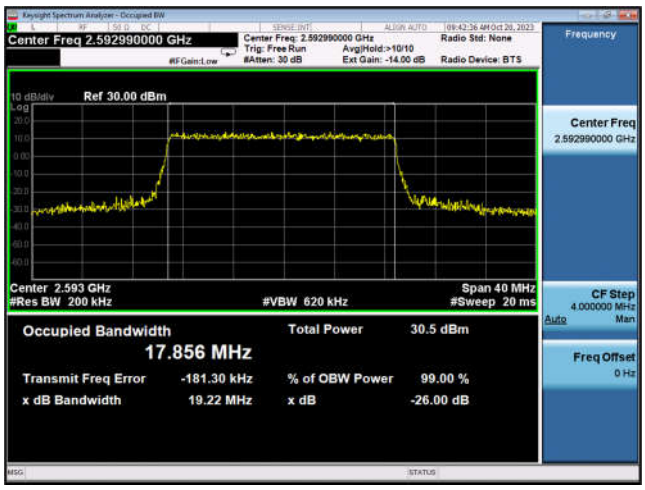
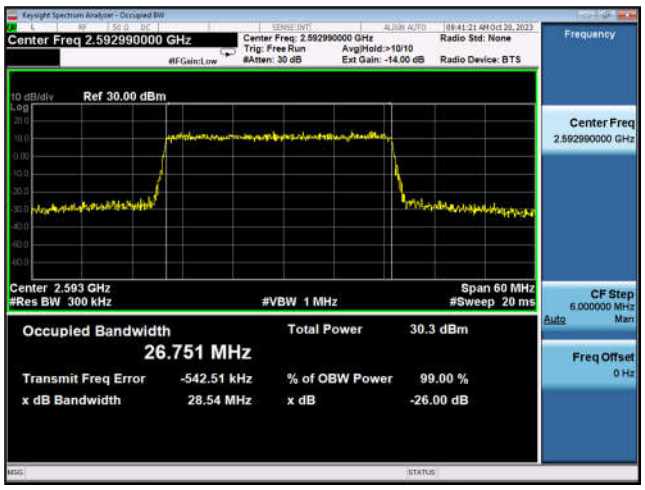
Band n26_Part 90_5MHz_DFT-s-OFDM_ PI_2-BPSK_Outer_Full_Mid_CH	Band n26_Part 90_10MHz_DFT-s-OFDM_ PI_2-BPSK_Outer_Full_Mid_CH
	
Band n26_Part 90_5MHz_DFT-s-OFDM_ QPSK_Outer_Full_Mid_CH	Band n26_Part 90_10MHz_DFT-s-OFDM_ QPSK_Outer_Full_Mid_CH
	
Band n26_Part 90_5MHz_DFT-s-OFDM_ 16QAM_Outer_Full_Mid_CH	Band n26_Part 90_10MHz_DFT-s-OFDM_ 16QAM_Outer_Full_Mid_CH
	

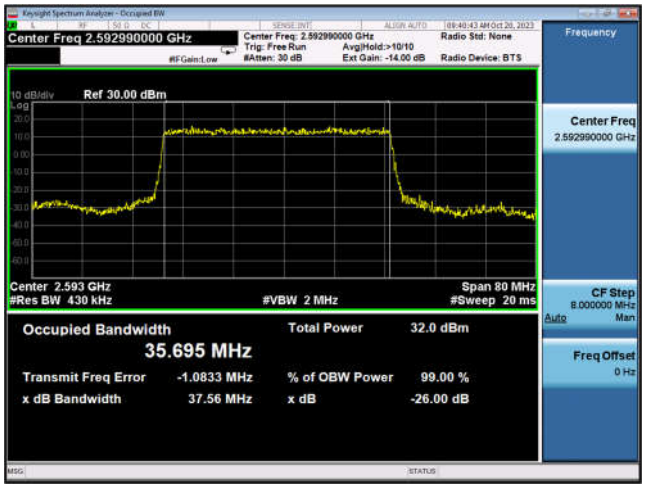
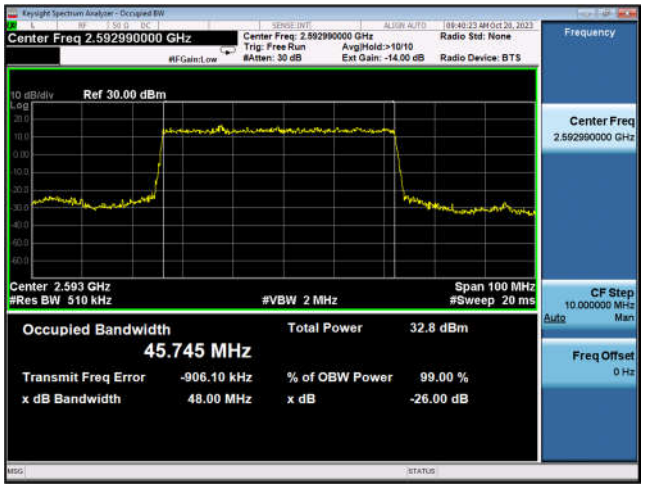
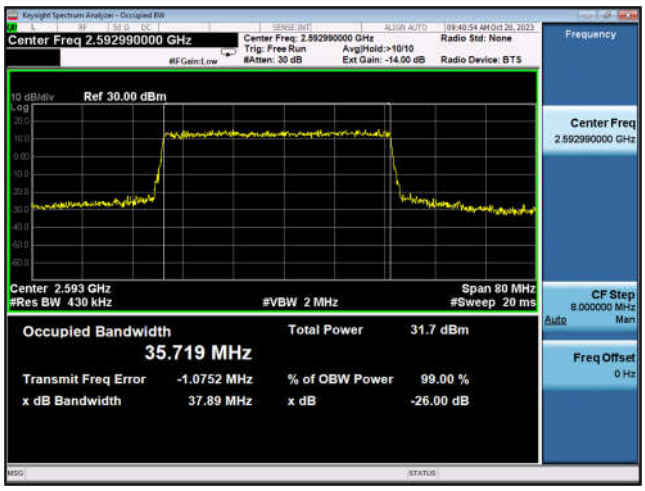
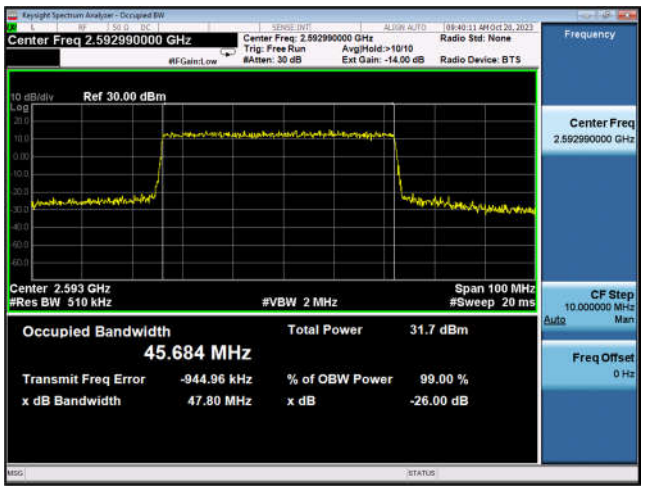
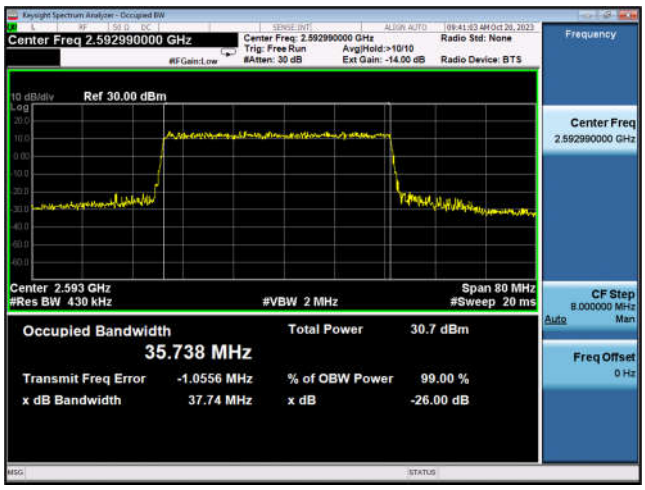
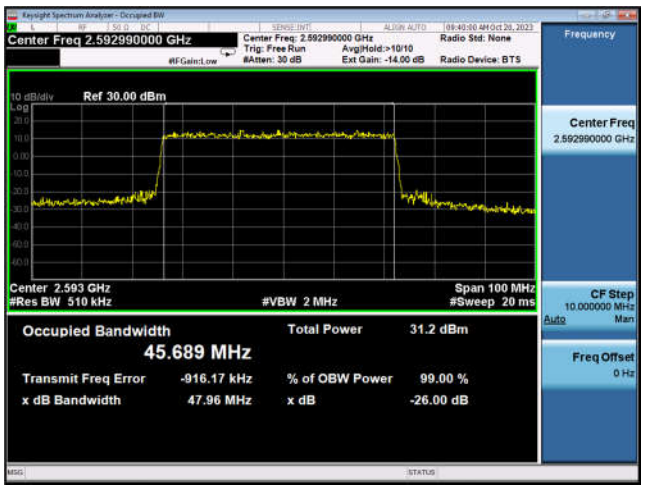
Band n66_5MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n66_10MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n66_5MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n66_10MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n66_5MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n66_10MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

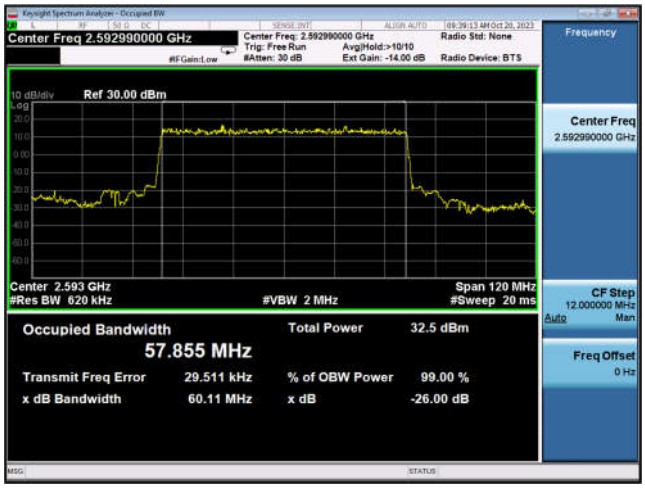
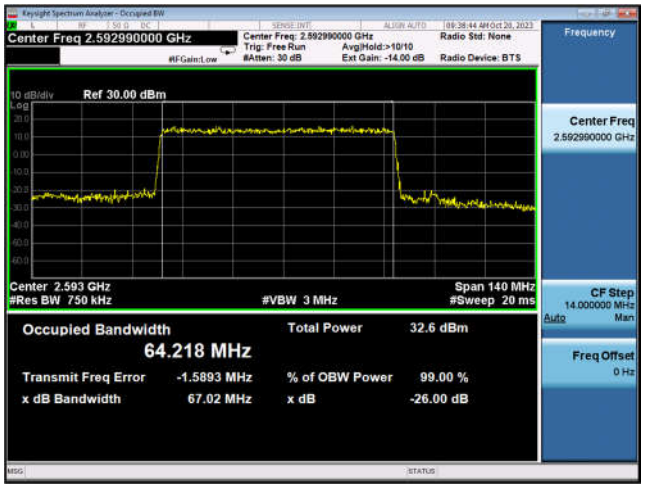
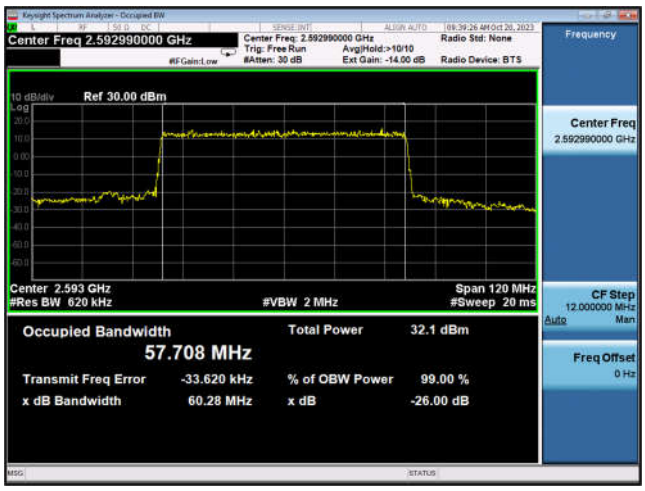
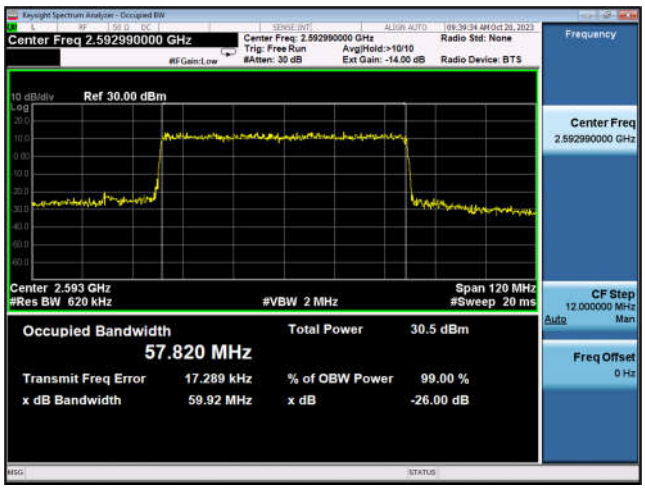
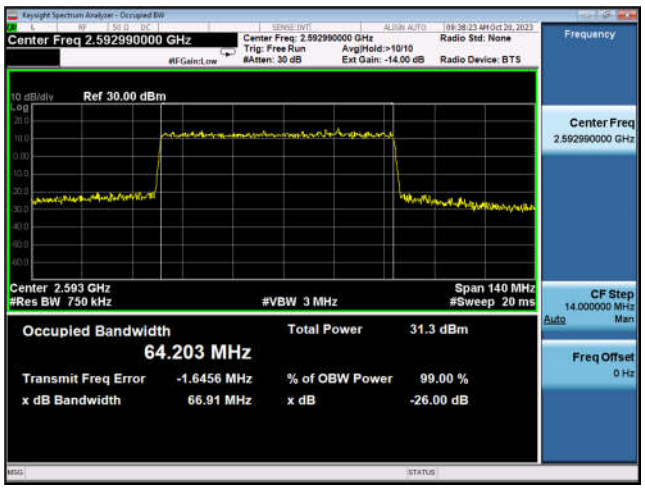
Band n66_15MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n66_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n66_15MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n66_20MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n66_15MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n66_20MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

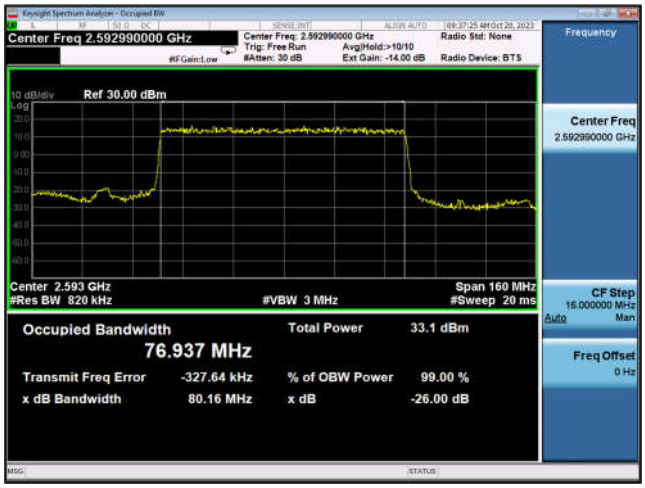
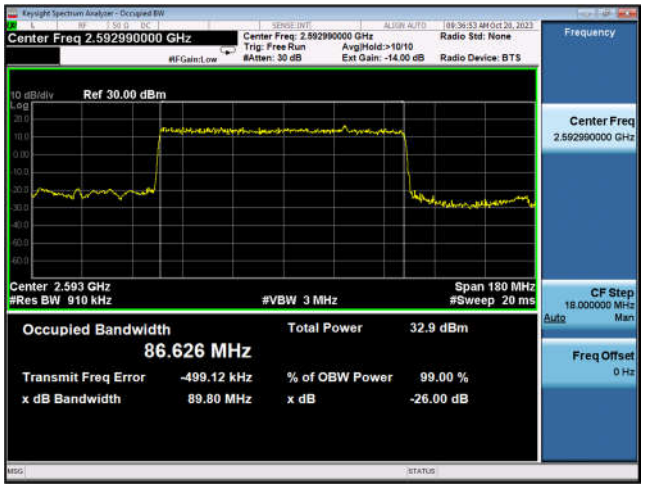
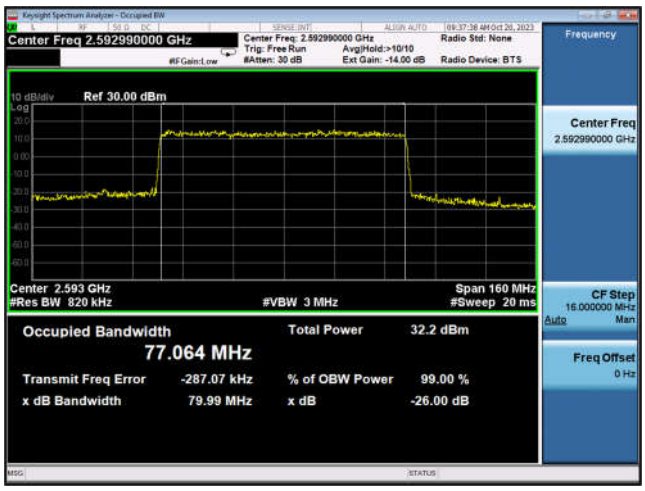
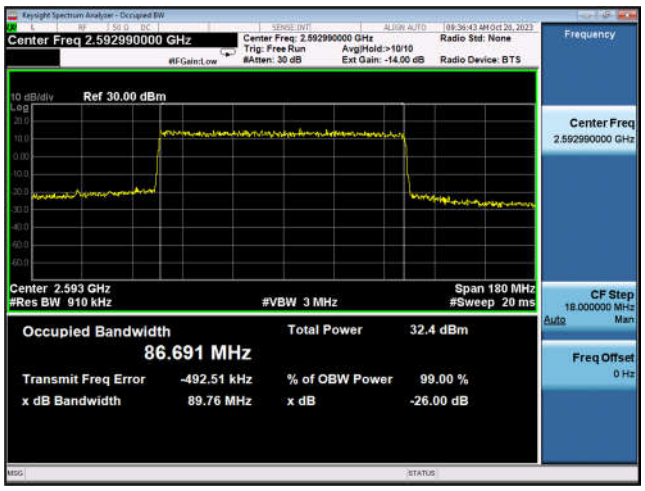
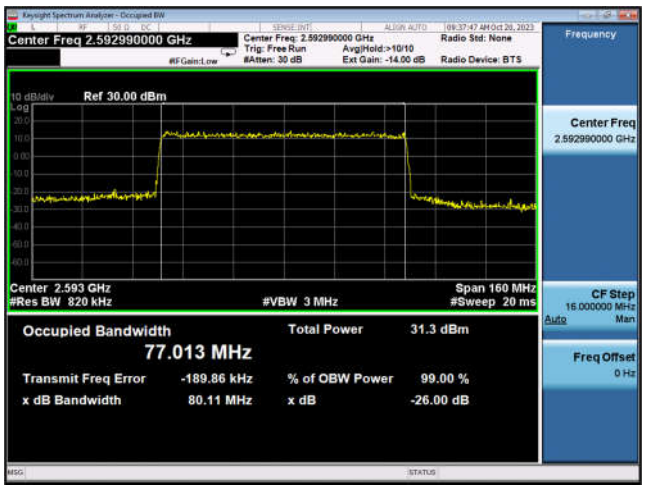
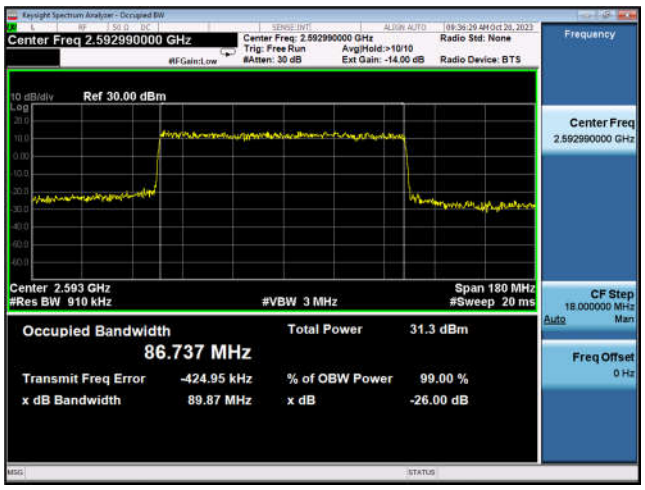
Band n66_25MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n66_30MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n66_25MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n66_30MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n66_25MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n66_30MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

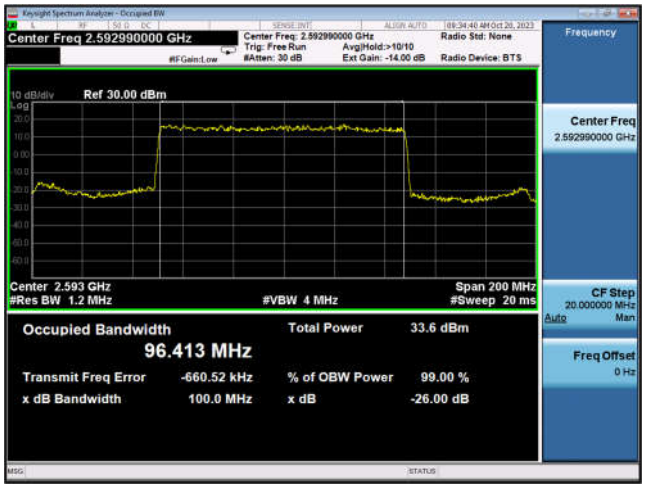
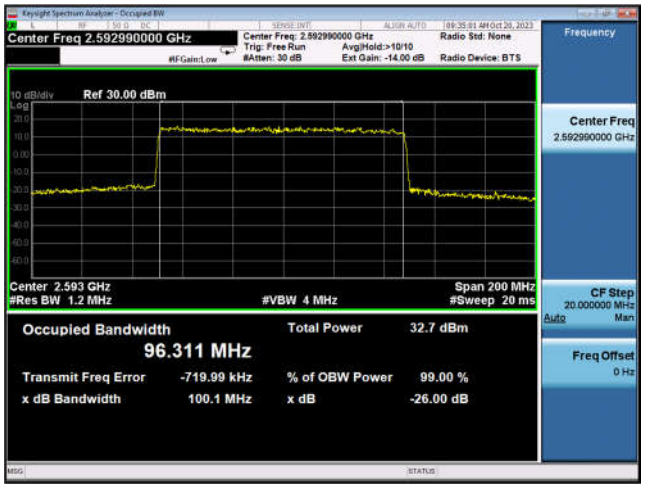
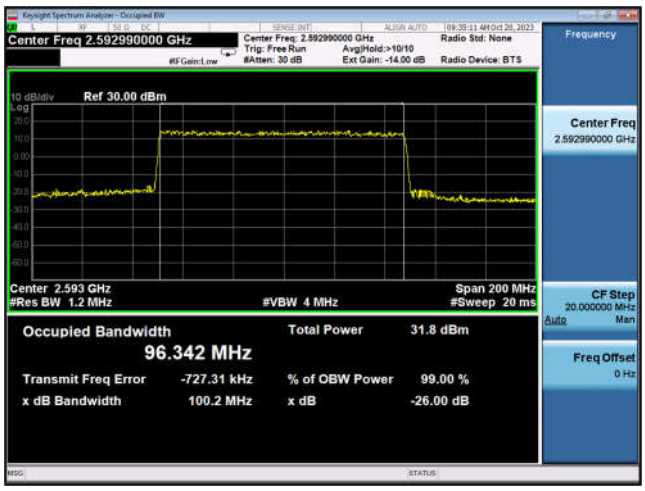
Band n66_40MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n66_40MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n66_40MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	
	

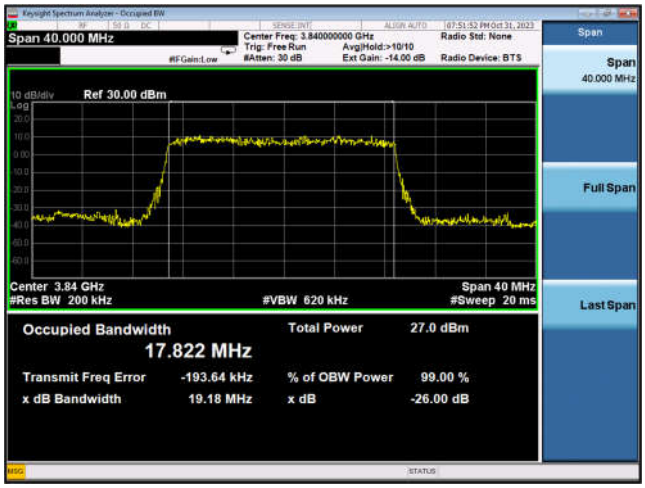
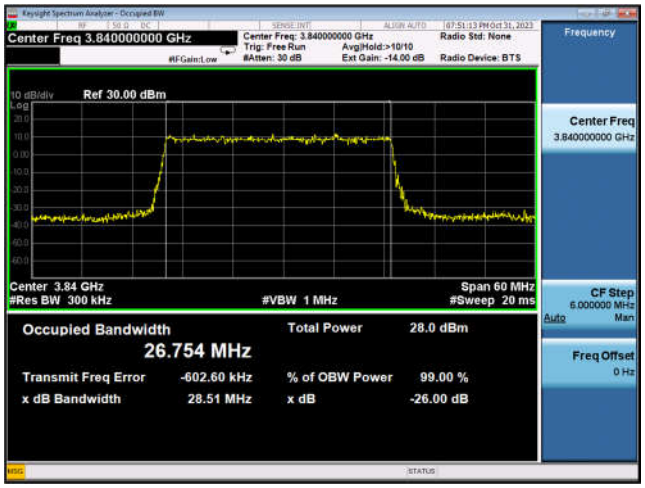
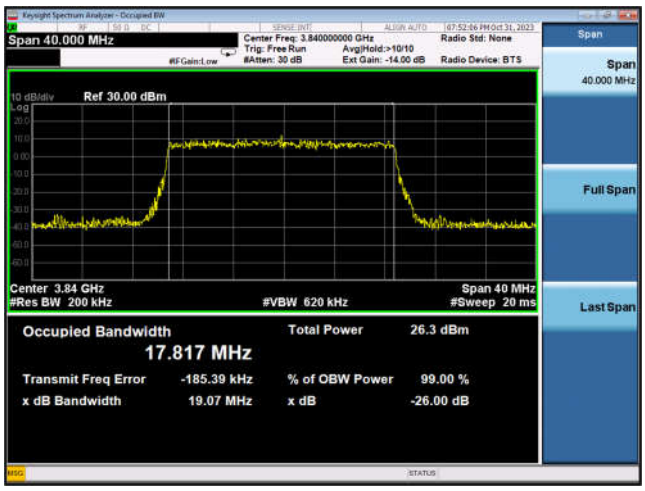
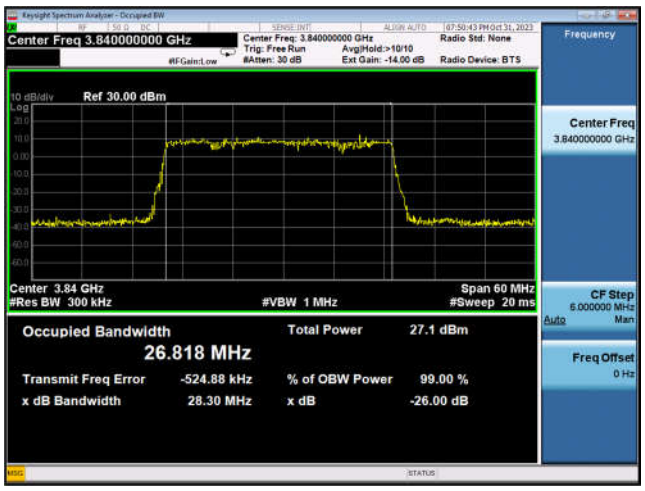
Band n41_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n41_30MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n41_20MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n41_30MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n41_20MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n41_30MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

Band n41_40MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n41_50MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n41_40MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n41_50MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n41_40MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n41_50MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

Band n41_60MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n41_70MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n41_60MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n41_70MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n41_60MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n41_70MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

Band n41_80MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n41_90MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n41_80MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n41_90MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n41_80MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	Band n41_90MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH
	

Band n41_100MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n41_100MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
Band n41_100MHz_DFT-s-OFDM_16QAM_ Outer_Full_Mid_CH	
	

Band n77_20MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH	Band n77_30MHz_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH
	
Band n77_20MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH	Band n77_30MHz_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH
	
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