REPORT No.: SZ21120450W12

TEST REPORT

APPLICANT	:	Nubia Technology Co., Ltd.
PRODUCT NAME	:	5G Mobile Phone
MODEL NAME	:	NX709J
BRAND NAME	:	REDMAGIC
FCC ID	:	2AHJO-NX709J
STANDARD(S)	:	47 CFR Part 27, Subpart M
RECEIPT DATE	:	2022-01-25
TEST DATE	:	2022-01-28 to 2022-03-02
ISSUE DATE	:	2022-03-30

Edited by: Chen Haiju

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DIRECTORY

Change History		
Version	Date	Reason for change
1.0	2022-03-30	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	5G Mobile Phone	
Hardware Version:	NX709J _V1AMB	
Software Version:	NX709J_UNCommon_V4.01	
IMEI:	860451060022385	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM,64QAM,256QAM
	CP-OFDM	QPSK, 16QAM,64QAM,256QAM
Operation Band:	DC_2A_n41, DC_66A_n41, (DC_2C_n41 Only support downlink)	
Frequency Range:	n41	Tx: 2496MHz-2690MHz
		Rx: 2496MHz-2690MHz
Channel Bandwidth	n41	20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz, 100MHz
Antenna Type:	Fixed Internal Antenna	
Antenna Gain:	n41	-1.50dBi
	AC Adaptor	
	Brand Name:	nubia
	Model No.:	STC-A59152050AC-Z
	Serial No.:	(N/A, marked #1 by test site)
	Rated Input:	100-240V~1.5A, 50/60Hz
	Rated Output:	5.0V/3.0A, 9.0V/3.0A, 15.0V/3.0A, 20.0V/3.25A

Accessory Information:		PPS: 5.0V-11.0V/5.0A, 5.0V-20.0V/3.25A
	Manufacturer:	ShenZhen KunXing Technology Co., Ltd.
	Battery	
	Brand Name:	nubia
	Model No.:	Li3923T89P8h636590
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	2380mAh
	Rated Voltage:	7.78V
	Charge Limit:	8.96V
	Manufacturer:	Dongguan Amperex Technology Limited

Note 1: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

Note 2: According to the measured power of all frequency bands, The frequency band with the highest power was selected for the same NR frequency band for testing.

1.3. Maximum ERP/EIRP and Emission Designator

DC_2A_n41	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.165	0.167	0.144	0.129	0.082	0.145
90	0.145	/	/	/	/	/
80	0.148	/	/	/	/	/
60	0.147	/	/	/	/	/
50	0.155	/	/	/	/	/
40	0.165	/	/	/	/	/
30	0.160	/	/	/	/	/
20	0.167	/	/	/	/	/

DC_2A_n41	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	97M3G7D	97M5G7D	97M2W7D	97M0D7W	97M1D7W	98M2G7D
90	86M4G7D	86M4G7D	85M9W7D	86M5D7W	86M4D7W	88M3G7D
80	77M8G7D	77M8G7D	77M9W7D	77M7D7W	77M8D7W	78M0G7D
60	57M9G7D	58M4G7D	58M3W7D	58M4D7W	58M3D7W	58M1G7D
50	46M1G7D	46M0G7D	46M2W7D	46M0D7W	46M1D7W	47M9G7D
40	36M0G7D	36M1G7D	36M0W7D	36M0D7W	36M1D7W	38M2G7D
30	27M0G7D	26M9G7D	26M9W7D	27M1D7W	27M0D7W	28M1G7D
20	17M9G7D	18M0G7D	17M9W7D	17M9D7W	17M9D7W	18M3G7D

DC_66A_n41	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.160	0.161	0.140	0.125	0.081	0.147
90	0.150	/	/	/	/	/
80	0.153	/	/	/	/	/
60	0.161	/	/	/	/	/
50	0.160	/	/	/	/	/
40	0.159	/	/	/	/	/
30	0.154	/	/	/	/	/
20	0.155	/	/	/	/	/

1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 27 for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 27	Miscellaneous Wireless Communications Services

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

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046 27.50(h)(2)	Transmitter Conducted Output Power and ERP/EIRP	Feb. 24, 2022	Chen Haiju	PASS	No deviation
2.1049	Occupied Bandwidth	Feb. 28, 2022	Chen Haiju	PASS	No deviation
2.1055	Frequency Stability	Feb. 25, 2022	Chen Haiju	PASS	No deviation
2.1051 27.53(m)(4)	Conducted Spurious Emissions	Feb. 28, 2022	Chen Haiju	PASS	No deviation
2.1051 27.53(m)(4)	Band Edge	Mar. 02, 2022	Chen Haiju	PASS	No deviation
2.1051 27.53(m)(4)	Radiated Spurious Emissions	Feb. 22 to.24, 2022	Lin Jiayong	PASS	No deviation

Note 1: The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 4dB and Attenuator 36dB.

Note 3: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

1.5. Environmental Conditions

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

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

2. 47 CFR Part 2,Part 27M Requirements

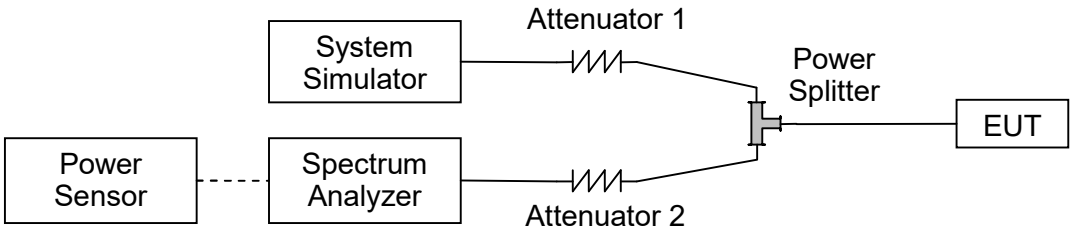
2.1. Transmitter Conducted Output Power And ERP/EIRP

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).

According to FCC section 27.50(h)(2) for n41, Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.1.3. Test procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

ERP (dBm) = EIPR (dBm) - 2.15

2.1.4. Conducted Output Power:

DC_2A_n41A

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	22.97	23.24	23.06
100		1	136	23.01	23.26	23.54
100		1	272	22.79	22.93	22.91
100		135	1	23.20	23.07	23.37
100		135	67	23.12	23.17	23.63
100		135	136	23.07	23.37	23.67
100		270	0	23.15	23.39	23.59
100	DFT-s-OFDM QPSK	1	1	23.72	23.73	23.65
100		1	136	23.63	23.56	23.50
100		1	272	23.71	23.61	23.64
100		135	1	23.62	23.67	23.61
100		135	67	23.52	23.59	23.51
100		135	136	23.59	23.52	23.61
100		270	0	23.45	23.57	23.48
100	DFT-s-OFDM 16QAM	1	1	22.76	23.07	22.91
100	DFT-s-OFDM 64QAM	1	1	22.20	22.59	22.39
100	DFT-s-OFDM 256QAM	1	1	20.37	20.65	20.53
Channel				508200	518598	528996
Frequency (MHz)				2541	2593	2645
90	DFT-s-OFDM PI/2 BPSK	1	1	22.91	23.06	23.12
Channel				507204	518598	529998
Frequency (MHz)				2536	2593	2650
80	DFT-s-OFDM PI/2 BPSK	1	1	22.85	23.05	23.21
Channel				505200	518598	531996
Frequency (MHz)				2526	2593	2660

60	DFT-s-OFDM PI/2 BPSK	1	1	22.52	22.79	23.18
Channel				504204	518598	532998
Frequency (MHz)				2521	2593	2665
50	DFT-s-OFDM PI/2 BPSK	1	1	23.19	22.96	23.39
Channel				503202	518598	534000
Frequency (MHz)				2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	22.89	23.40	23.67
Channel				502200	518598	534996
Frequency (MHz)				2511	2593	2675
30	DFT-s-OFDM PI/2 BPSK	1	1	23.06	23.46	23.54
Channel				501204	518598	535998
Frequency (MHz)				2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	23.63	23.47	23.72
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	CP-OFDM QPSK	1	1	22.97	23.01	23.12
100	CP-OFDM 16QAM	1	1	22.87	22.87	23.02
100	CP-OFDM 64QAM	1	1	21.35	21.45	21.34
100	CP-OFDM 256QAM	1	1	18.31	18.61	18.54

DC_66A_n41A

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	23.03	23.10	23.11
100		1	136	23.10	23.09	23.52
100		1	272	21.76	22.19	22.19
100		135	1	23.17	23.21	23.40
100		135	67	23.21	23.23	23.54
100		135	136	23.15	23.42	23.47
100		270	0	23.22	23.31	23.49
100	DFT-s-OFDM QPSK	1	1	23.52	23.57	23.49
100		1	136	23.20	23.27	23.44
100		1	272	23.24	23.19	23.34
100		135	1	23.41	23.49	23.42
100		135	67	23.35	23.38	23.45
100		135	136	23.29	22.52	22.51
100		270	0	23.24	23.39	23.48
100	DFT-s-OFDM 16QAM	1	1	22.59	22.96	22.92
100	DFT-s-OFDM 64QAM	1	1	22.34	22.46	22.45
100	DFT-s-OFDM 256QAM	1	1	20.40	20.61	20.50
Channel				508200	518598	528996
Frequency (MHz)				2541	2593	2645
90	DFT-s-OFDM PI/2 BPSK	1	1	22.97	22.87	23.25
Channel				507204	518598	529998
Frequency (MHz)				2536	2593	2650
80	DFT-s-OFDM PI/2 BPSK	1	1	22.92	23.01	23.36
Channel				505200	518598	531996
Frequency (MHz)				2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	22.48	23.20	23.56

Channel				504204	518598	532998
Frequency (MHz)				2521	2593	2665
50	DFT-s-OFDM PI/2 BPSK	1	1	22.70	23.37	23.55
Channel				503202	518598	534000
Frequency (MHz)				2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	23.24	23.52	23.50
Channel				502200	518598	534996
Frequency (MHz)				2511	2593	2675
30	DFT-s-OFDM PI/2 BPSK	1	1	23.29	23.37	23.33
Channel				501204	518598	535998
Frequency (MHz)				2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	23.18	23.39	23.37
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	CP-OFDM QPSK	1	1	22.95	23.17	23.07
100	CP-OFDM 16QAM	1	1	22.75	23.08	23.02
100	CP-OFDM 64QAM	1	1	21.35	21.55	21.39
100	CP-OFDM 256QAM	1	1	18.57	18.72	18.61

Effective Radiated Power and Effective Isotropic Radiated Power:

DC_2A_n41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlCh./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleCh./EIRP	HighCh. / EIRP
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	21.47	21.74	21.56	0.140	0.149	0.143
100		1	136	21.51	21.76	22.04	0.142	0.150	0.160
100		1	272	21.29	21.43	21.41	0.135	0.139	0.138
100		135	1	21.70	21.57	21.87	0.148	0.144	0.154
100		135	67	21.62	21.67	22.13	0.145	0.147	0.163
100		135	136	21.57	21.87	22.17	0.144	0.154	0.165
100		270	0	21.65	21.89	22.09	0.146	0.155	0.162
100	DFT-s-OFDM QPSK	1	1	22.22	22.23	22.15	0.167	0.167	0.164
100		1	136	22.13	22.06	22.00	0.163	0.161	0.158
100		1	272	22.21	22.11	22.14	0.166	0.163	0.164
100		135	1	22.12	22.17	22.11	0.163	0.165	0.163
100		135	67	22.02	22.09	22.01	0.159	0.162	0.159
100		135	136	22.09	22.02	22.11	0.162	0.159	0.163
100		270	0	21.95	22.07	21.98	0.157	0.161	0.158
100	DFT-s-OFDM 16QAM	1	1	21.26	21.57	21.41	0.134	0.144	0.138
100	DFT-s-OFDM 64QAM	1	1	20.70	21.09	20.89	0.117	0.129	0.123
100	DFT-s-OFDM 256QAM	1	1	18.87	19.15	19.03	0.077	0.082	0.080
Channel				508200	518598	528996	508200	518598	528996
Frequency (MHz)				2541	2593	2645	2541	2593	2645
90	DFT-s-OFDM PI/2 BPSK	1	1	21.41	21.56	21.62	0.138	0.143	0.145
Channel				507204	518598	529998	507204	518598	529998
Frequency (MHz)				2536	2593	2650	2536	2593	2650
80	DFT-s-OFDM PI/2 BPSK	1	1	21.35	21.55	21.71	0.136	0.143	0.148
Channel				505200	518598	531996	505200	518598	531996
Frequency (MHz)				2526	2593	2660	2526	2593	2660
60	DFT-s-OFDM	1	1	21.02	21.29	21.68	0.126	0.135	0.147

	PI/2 BPSK								
Channel				504204	518598	532998	504204	518598	532998
Frequency (MHz)				2521	2593	2665	2521	2593	2665
50	DFT-s-OFDM PI/2 BPSK	1	1	21.69	21.46	21.89	0.148	0.140	0.155
Channel				503202	518598	534000	503202	518598	534000
Frequency (MHz)				2516	2593	2670	2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	21.39	21.90	22.17	0.138	0.155	0.165
Channel				502200	518598	534996	502200	518598	534996
Frequency (MHz)				2511	2593	2675	2511	2593	2675
30	DFT-s-OFDM PI/2 BPSK	1	1	21.56	21.96	22.04	0.143	0.157	0.160
Channel				501204	518598	535998	501204	518598	535998
Frequency (MHz)				2506	2593	2680	2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	22.13	21.97	22.22	0.163	0.157	0.167
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
100	CP-OFDM QPSK	1	1	21.47	21.51	21.62	0.140	0.142	0.145
100	CP-OFDM 16QAM	1	1	21.37	21.37	21.52	0.137	0.137	0.142
100	CP-OFDM 64QAM	1	1	19.85	19.95	19.84	0.097	0.099	0.096
100	CP-OFDM 256QAM	1	1	16.81	17.11	17.04	0.048	0.051	0.051

DC_66A_n41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlCh./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleCh./EIRP	HighCh. / EIRP
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	21.53	21.60	21.61	0.142	0.145	0.145
100		1	136	21.60	21.59	22.02	0.145	0.144	0.159
100		1	272	20.26	20.69	20.69	0.106	0.117	0.117
100		135	1	21.67	21.71	21.90	0.147	0.148	0.155
100		135	67	21.71	21.73	22.04	0.148	0.149	0.160
100		135	136	21.65	21.92	21.97	0.146	0.156	0.157
100		270	0	21.72	21.81	21.99	0.149	0.152	0.158
100	DFT-s-OFDM QPSK	1	1	22.02	22.07	21.99	0.159	0.161	0.158
100		1	136	21.70	21.77	21.94	0.148	0.150	0.156
100		1	272	21.74	21.69	21.84	0.149	0.148	0.153
100		135	1	21.91	21.99	21.92	0.155	0.158	0.156
100		135	67	21.85	21.88	21.95	0.153	0.154	0.157
100		135	136	21.79	21.02	21.01	0.151	0.126	0.126
100		270	0	21.74	21.89	21.98	0.149	0.155	0.158
100	DFT-s-OFDM 16QAM	1	1	21.09	21.46	21.42	0.129	0.140	0.139
100	DFT-s-OFDM 64QAM	1	1	20.84	20.96	20.95	0.121	0.125	0.124
100	DFT-s-OFDM 256QAM	1	1	18.90	19.11	19.00	0.078	0.081	0.079
Channel				508200	518598	528996	508200	518598	528996
Frequency (MHz)				2541	2593	2645	2541	2593	2645
90	DFT-s-OFDM PI/2 BPSK	1	1	21.47	21.37	21.75	0.140	0.137	0.150
Channel				507204	518598	529998	507204	518598	529998
Frequency (MHz)				2536	2593	2650	2536	2593	2650
80	DFT-s-OFDM PI/2 BPSK	1	1	21.42	21.51	21.86	0.139	0.142	0.153
Channel				505200	518598	531996	505200	518598	531996
Frequency (MHz)				2526	2593	2660	2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	20.98	21.70	22.06	0.125	0.148	0.161

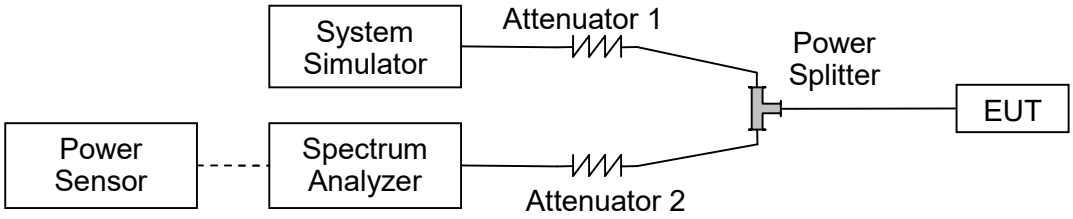
Channel				504204	518598	532998	504204	518598	532998
Frequency (MHz)				2521	2593	2665	2521	2593	2665
50	DFT-s-OFDM PI/2 BPSK	1	1	21.20	21.87	22.05	0.132	0.154	0.160
Channel				503202	518598	534000	503202	518598	534000
Frequency (MHz)				2516	2593	2670	2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	21.74	22.02	22.00	0.149	0.159	0.158
Channel				502200	518598	534996	502200	518598	534996
Frequency (MHz)				2511	2593	2675	2511	2593	2675
30	DFT-s-OFDM PI/2 BPSK	1	1	21.79	21.87	21.83	0.151	0.154	0.152
Channel				501204	518598	535998	501204	518598	535998
Frequency (MHz)				2506	2593	2680	2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	21.68	21.89	21.87	0.147	0.155	0.154
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
100	CP-OFDM QPSK	1	1	21.45	21.67	21.57	0.140	0.147	0.144
100	CP-OFDM 16QAM	1	1	21.25	21.58	21.52	0.133	0.144	0.142
100	CP-OFDM 64QAM	1	1	19.85	20.05	19.89	0.097	0.101	0.097
100	CP-OFDM 256QAM	1	1	17.07	17.22	17.11	0.051	0.053	0.051

2.2. Occupied Bandwidth

2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.2.3. Test procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

2.2.3.1. Test Result

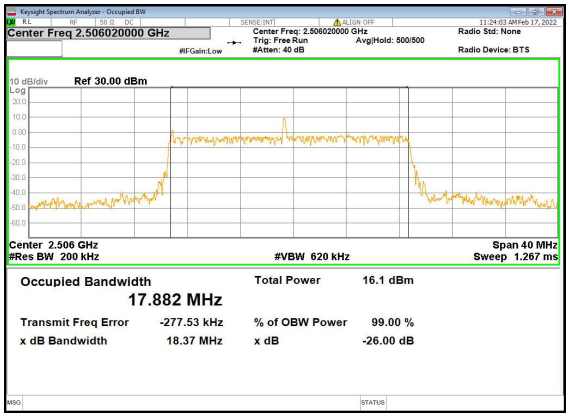
DC 2A_n41					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	17.882	18.37
	Low		QPSK	17.952	18.46
	Low		16QAM	17.946	18.39
	Low		64QAM	17.846	18.31
	Low		256QAM	17.822	18.32
	Low	CP-OFDM	QPSK	18.112	18.65
	Mid	DFT-s-OFDM	PI/2 BPSK	17.846	18.35
	Mid		QPSK	17.859	18.41
	Mid		16QAM	17.897	18.34
	Mid		64QAM	17.904	18.43
	Mid		256QAM	17.925	18.49
	Mid	CP-OFDM	QPSK	18.250	18.75
	High	DFT-s-OFDM	PI/2 BPSK	17.915	18.38
	High		QPSK	17.732	18.31
	High		16QAM	17.864	18.35
	High		64QAM	17.919	18.32
	High		256QAM	17.946	18.41
	High	CP-OFDM	QPSK	18.181	18.68
30	Low	DFT-s-OFDM	PI/2 BPSK	26.966	27.49
	Low		QPSK	26.935	27.54
	Low		16QAM	26.909	27.53
	Low		64QAM	27.058	27.65
	Low		256QAM	26.969	27.58
	Low	CP-OFDM	QPSK	28.075	28.70
	Mid	DFT-s-OFDM	PI/2 BPSK	26.908	27.59
	Mid		QPSK	26.922	27.49
	Mid		16QAM	26.855	27.57
	Mid		64QAM	26.790	27.50
	Mid		256QAM	26.745	27.89
	Mid	CP-OFDM	QPSK	27.877	28.57
	High	DFT-s-OFDM	PI/2 BPSK	26.998	27.60
	High		QPSK	26.850	27.61
	High		16QAM	26.510	27.41

	High		64QAM	26.714	27.61
	High		256QAM	26.973	27.83
	High	CP-OFDM	QPSK	28.072	28.63
40	Low	DFT-s-OFDM	PI/2 BPSK	35.981	36.82
	Low		QPSK	36.065	36.87
	Low		16QAM	35.936	36.82
	Low		64QAM	35.747	36.61
	Low		256QAM	36.115	36.87
	Low	CP-OFDM	QPSK	38.164	38.99
	Mid	DFT-s-OFDM	PI/2 BPSK	35.949	36.89
	Mid		QPSK	35.570	36.54
	Mid		16QAM	35.892	36.79
	Mid		64QAM	36.011	36.72
	Mid		256QAM	35.931	36.76
	Mid	CP-OFDM	QPSK	38.088	38.94
	High	DFT-s-OFDM	PI/2 BPSK	35.975	36.89
	High		QPSK	36.034	36.78
	High		16QAM	36.000	36.85
	High		64QAM	36.016	36.82
	High		256QAM	35.783	36.73
	High	CP-OFDM	QPSK	38.039	38.97
50	Low	DFT-s-OFDM	PI/2 BPSK	46.028	47.12
	Low		QPSK	46.020	46.99
	Low		16QAM	46.205	47.04
	Low		64QAM	45.963	47.04
	Low		256QAM	46.076	47.07
	Low	CP-OFDM	QPSK	47.851	48.74
	Mid	DFT-s-OFDM	PI/2 BPSK	46.063	47.00
	Mid		QPSK	45.925	47.08
	Mid		16QAM	45.698	46.92
	Mid		64QAM	45.705	46.79
	Mid		256QAM	46.019	47.04
	Mid	CP-OFDM	QPSK	47.625	48.71
	High	DFT-s-OFDM	PI/2 BPSK	45.405	46.70
	High		QPSK	45.849	46.99
	High		16QAM	46.025	47.08
	High		64QAM	45.379	46.78
	High		256QAM	45.813	46.99

	High	CP-OFDM	QPSK	47.083	48.47
60	Low	DFT-s-OFDM	PI/2 BPSK	57.751	59.51
	Low		QPSK	58.383	59.54
	Low		16QAM	58.312	59.53
	Low		64QAM	58.447	59.54
	Low		256QAM	58.303	59.55
	Low	CP-OFDM	QPSK	58.076	59.55
	Mid	DFT-s-OFDM	PI/2 BPSK	57.920	59.40
	Mid		QPSK	57.993	59.32
	Mid		16QAM	58.268	59.41
	Mid		64QAM	57.903	59.39
	Mid		256QAM	58.111	59.49
	Mid	CP-OFDM	QPSK	58.051	59.22
	High	DFT-s-OFDM	PI/2 BPSK	57.812	59.28
	High		QPSK	57.701	59.11
	High		16QAM	58.259	59.54
	High		64QAM	58.363	59.56
	High		256QAM	57.653	59.25
	High	CP-OFDM	QPSK	57.957	59.33
80	Low	DFT-s-OFDM	PI/2 BPSK	77.791	79.24
	Low		QPSK	77.832	79.40
	Low		16QAM	77.706	79.18
	Low		64QAM	77.655	79.31
	Low		256QAM	77.365	79.24
	Low	CP-OFDM	QPSK	78.037	79.74
	Mid	DFT-s-OFDM	PI/2 BPSK	77.459	79.20
	Mid		QPSK	76.930	78.66
	Mid		16QAM	77.611	79.18
	Mid		64QAM	77.345	78.89
	Mid		256QAM	77.622	79.32
	Mid	CP-OFDM	QPSK	77.873	79.53
	High	DFT-s-OFDM	PI/2 BPSK	77.615	79.38
	High		QPSK	77.659	79.37
	High		16QAM	77.883	79.18
	High		64QAM	77.69	79.15
	High		256QAM	77.829	79.36
	High	CP-OFDM	QPSK	77.928	79.53
	Low		PI/2 BPSK	85.940	87.87

90	Low	DFT-s-OFDM	QPSK	85.537	87.77
	Low		16QAM	85.560	87.67
	Low		64QAM	86.427	88.07
	Low		256QAM	86.299	88.10
	Low	CP-OFDM	QPSK	88.192	89.91
	Mid	DFT-s-OFDM	PI/2 BPSK	86.133	87.97
	Mid		QPSK	86.406	88.04
	Mid		16QAM	85.778	87.65
	Mid		64QAM	86.189	88.04
	Mid		256QAM	86.353	88.22
	Mid	CP-OFDM	QPSK	88.047	89.71
	High	DFT-s-OFDM	PI/2 BPSK	86.38	88.19
	High		QPSK	86.103	88.16
	High		16QAM	85.908	87.68
	High		64QAM	86.493	88.23
	High		256QAM	86.366	87.98
	High	CP-OFDM	QPSK	88.348	89.99
100	Low	DFT-s-OFDM	PI/2 BPSK	96.779	98.97
	Low		QPSK	97.132	99.23
	Low		16QAM	96.936	98.79
	Low		64QAM	96.638	98.94
	Low		256QAM	96.63	98.92
	Low	CP-OFDM	QPSK	97.402	100.80
	Mid	DFT-s-OFDM	PI/2 BPSK	97.299	99.09
	Mid		QPSK	97.497	99.32
	Mid		16QAM	97.205	98.94
	Mid		64QAM	96.771	99.05
	Mid		256QAM	96.952	99.15
	Mid	CP-OFDM	QPSK	97.934	99.96
	High	DFT-s-OFDM	PI/2 BPSK	97.187	99.06
	High		QPSK	97.054	98.99
	High		16QAM	97.033	99.18
	High		64QAM	96.959	99.14
	High		256QAM	97.064	99.07
	High	CP-OFDM	QPSK	98.156	100.10

B2_n41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer _ Full_Low_CH



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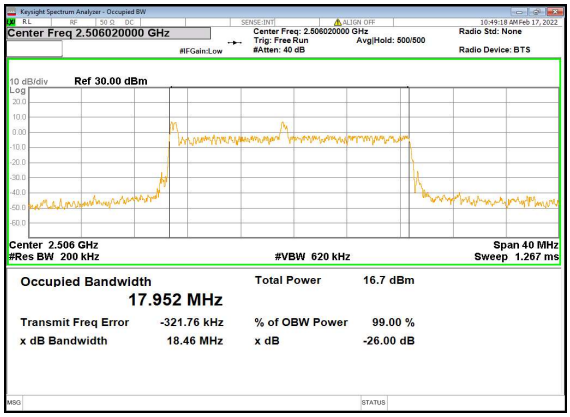

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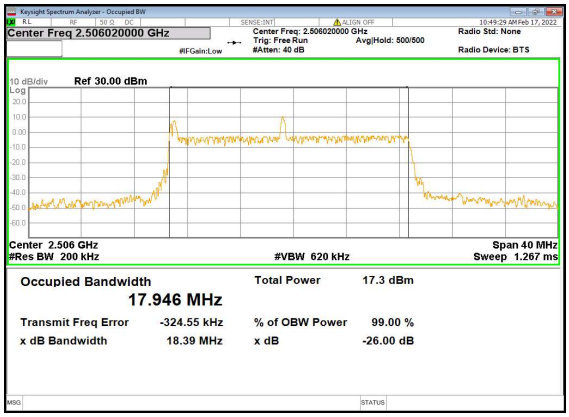

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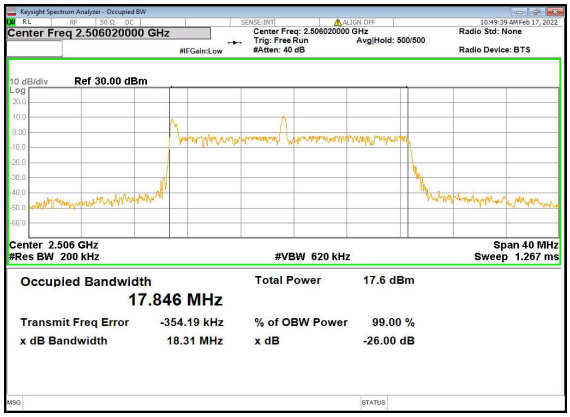

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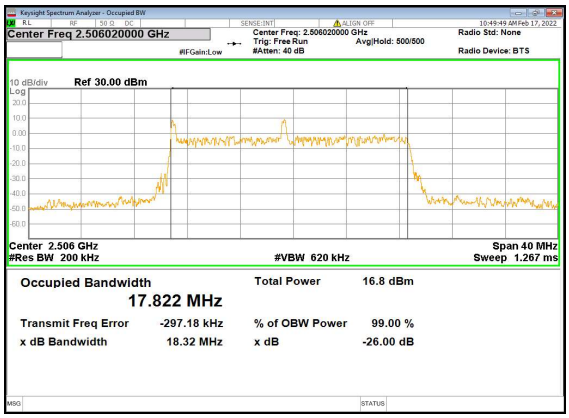

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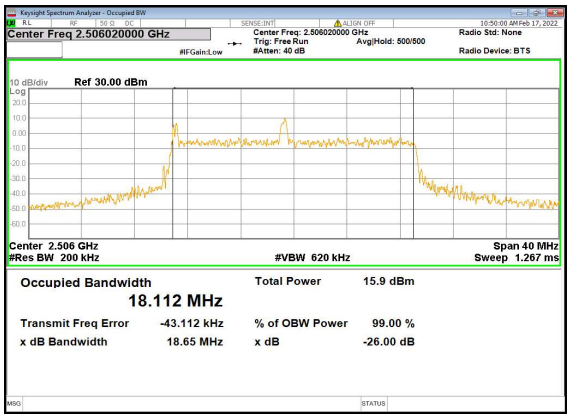

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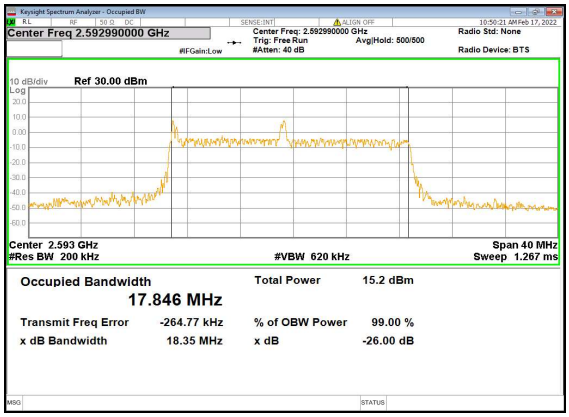

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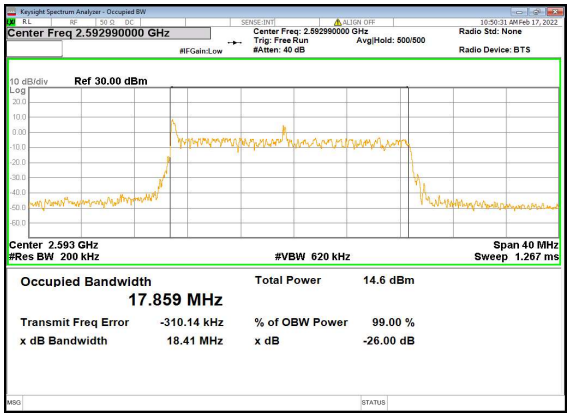

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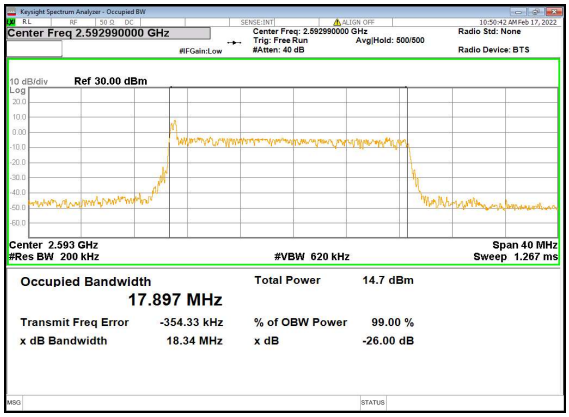

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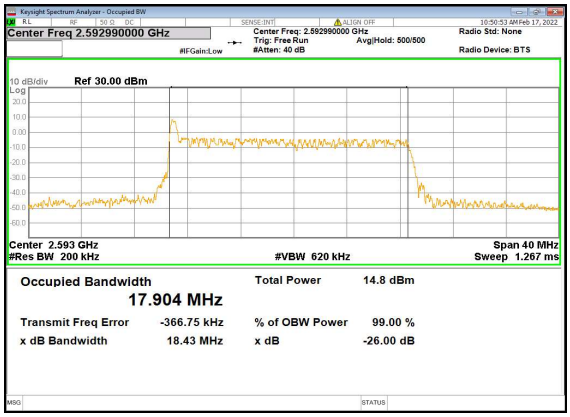

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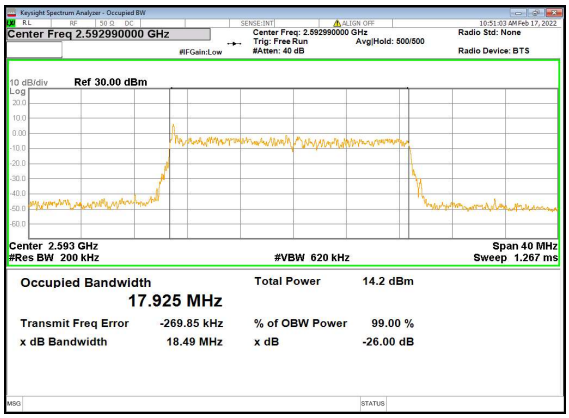

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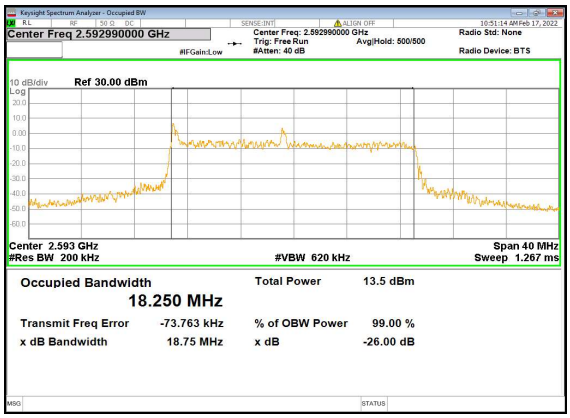

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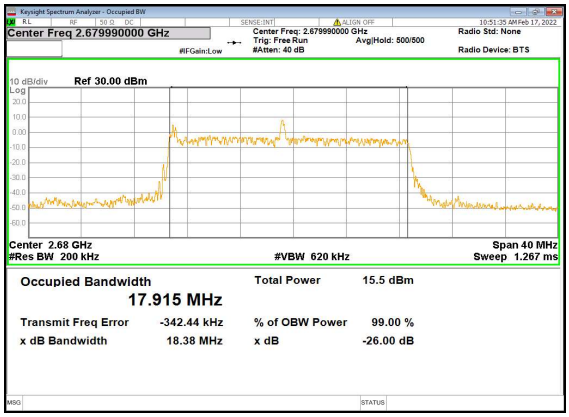

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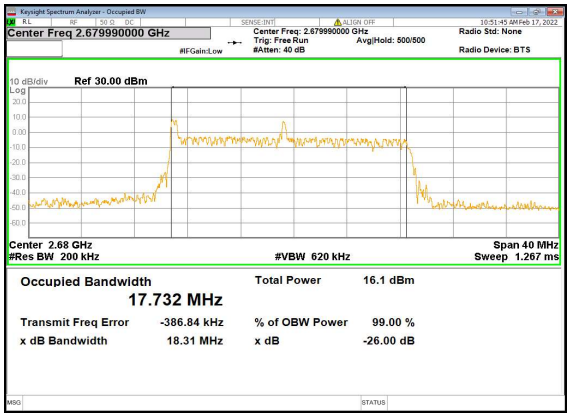

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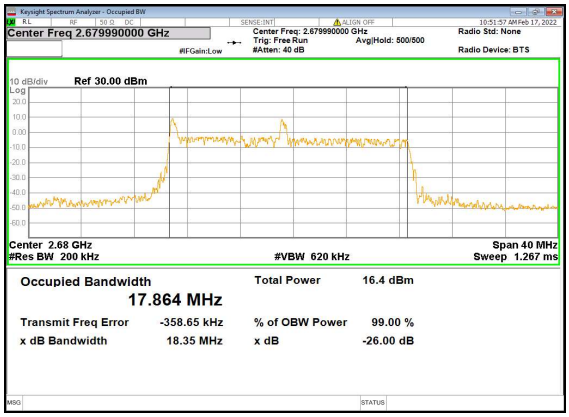
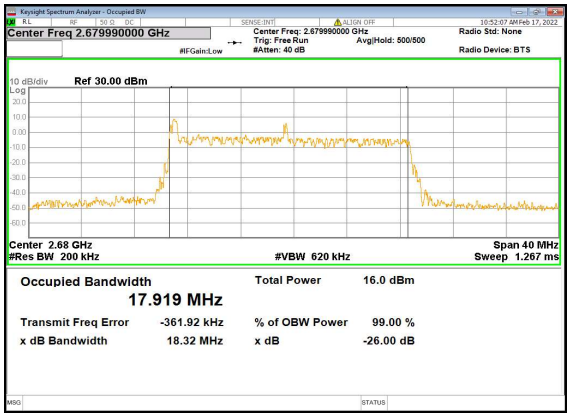
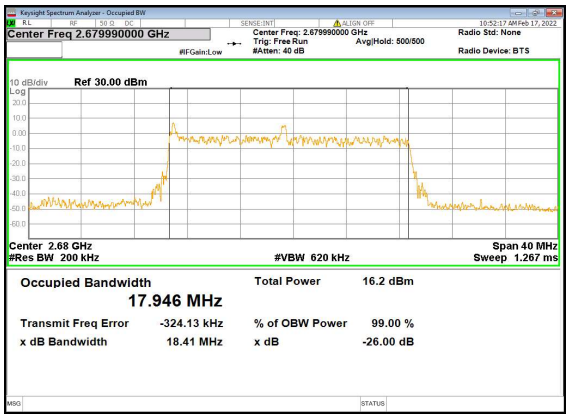


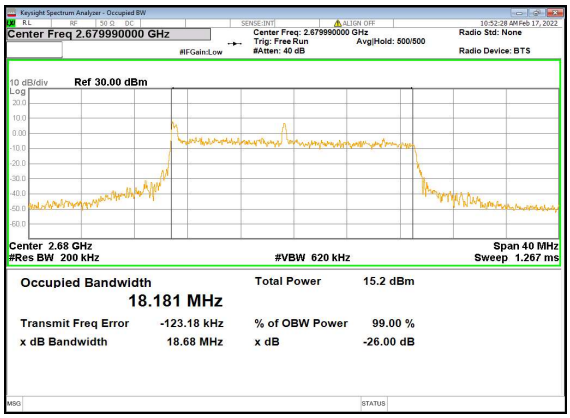
B2_n41(20M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



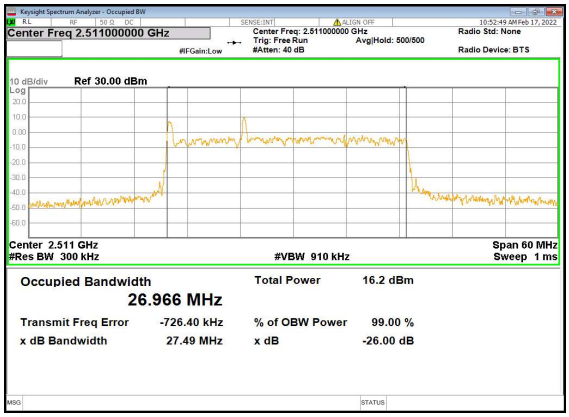
B2_n41(20M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH



B2_n41(20M)_CP-OFDM_QPSK_Outer_Full_High_CH



B2_n41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



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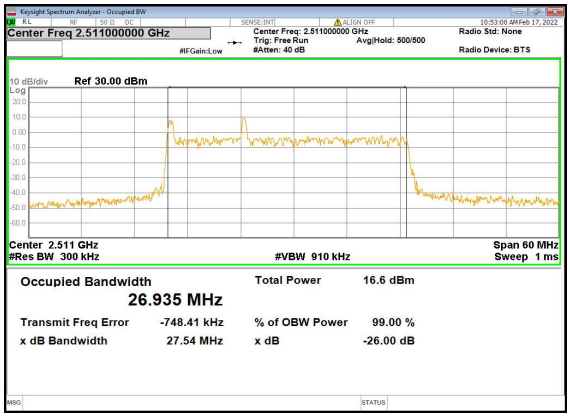

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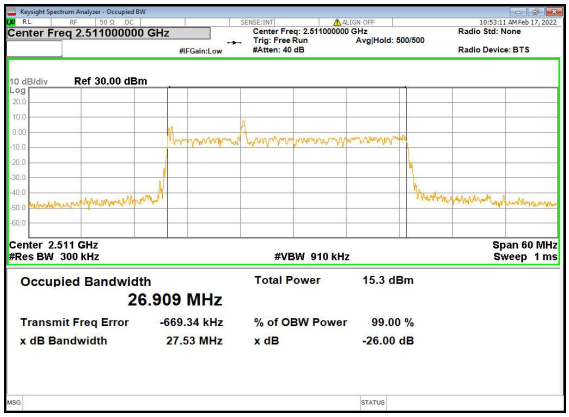
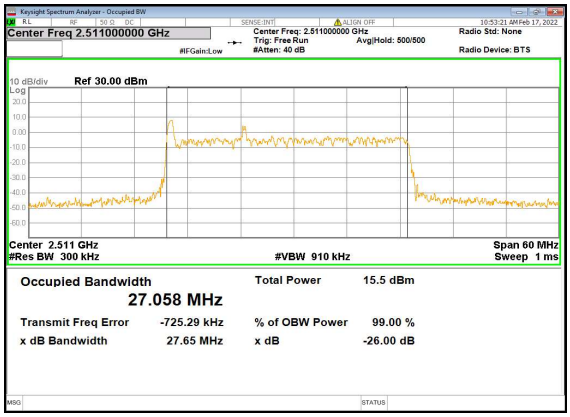
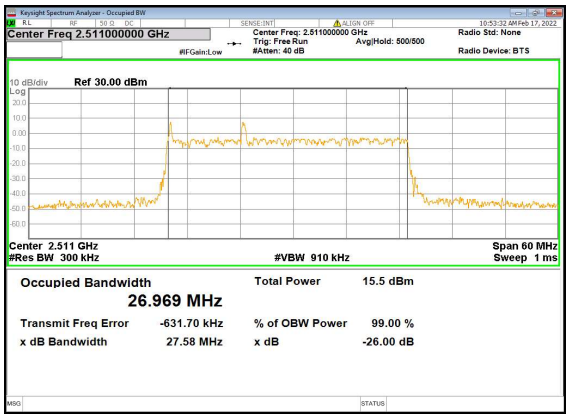


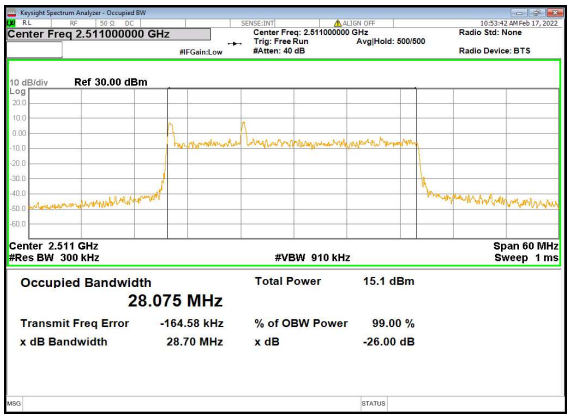
B2_n41(30M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



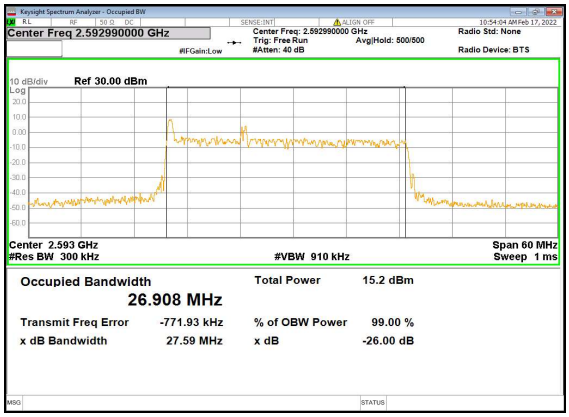
B2_n41(30M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH



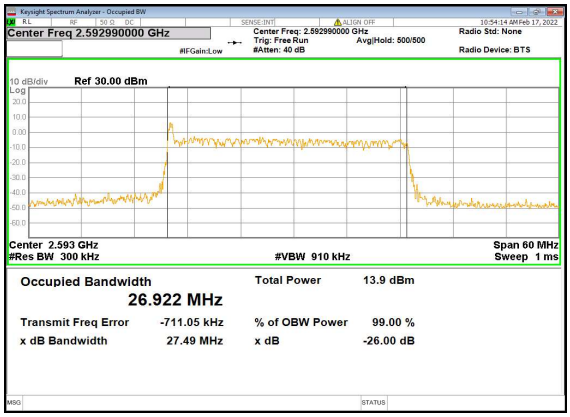
B2_n41(30M)_CP-OFDM_QPSK_Outer_Full_Low_CH



B2_n41(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B2_n41(30M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



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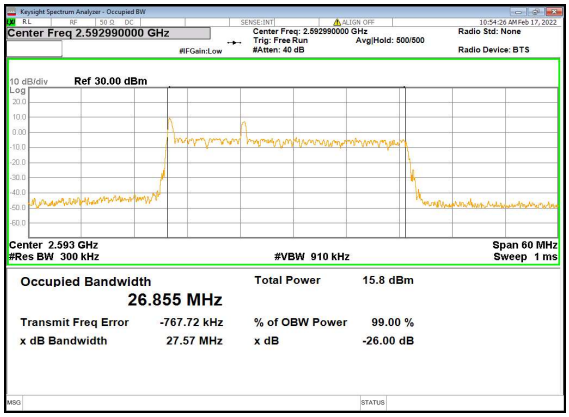
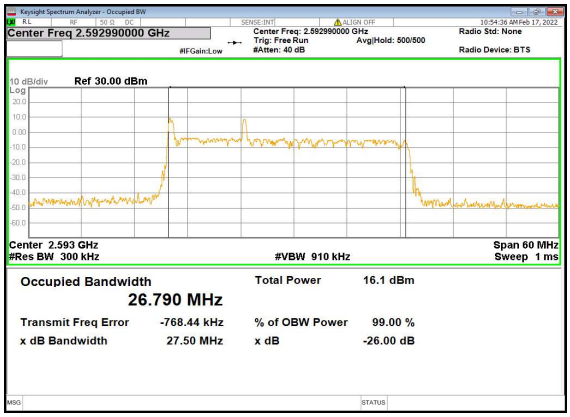


B2_n41(30M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



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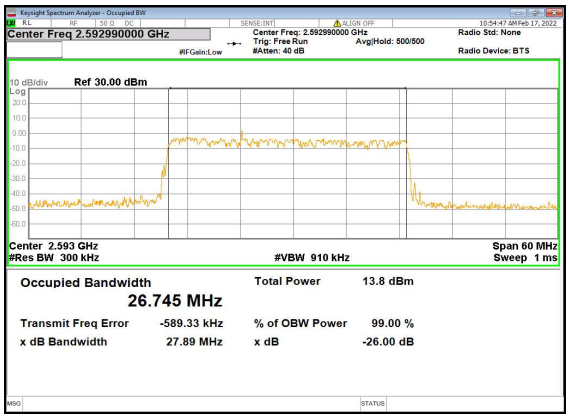

B2_n41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH