



REPORT No.: SZ21040341W11

TEST REPORT

APPLICANT : Realme Chongqing Mobile
Telecommunications Corp., Ltd.

PRODUCT NAME : Mobile Phone

MODEL NAME : RMX3363

BRAND NAME : realme

FCC ID : 2AUYFRMX3363

STANDARD(S) : 47 CFR Part 22, Subpart H
47 CFR Part 27, Subpart M

RECEIPT DATE : 2021-06-08

TEST DATE : 2021-06-09 to 2021-07-09

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Edited by:

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Change History		
Version	Date	Reason for change
1.0	2021-07-23	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Applicant Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Manufacturer:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Manufacturer Address:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

1.2. Equipment Under Test (EUT) Description

Product Name:	Mobile Phone	
Hardware Version:	11	
Software Version:	realme UI V2.0	
IMEI:	865240050019930	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM
	CP-OFDM	QPSK, 16QAM, 64QAM, 256QAM
Operation Band:	DC_7A_N5, DC_66A_N5, DC_2A_N7, DC_5A_N7, DC_66A_N7, DC_26A_N41,	
Frequency Range:	N5	Tx: 824MHz-849MHz
		Rx: 869MHz-894MHz
	N7	Tx: 2500MHz-2570MHz
		Rx: 2620MHz-2690MHz
	N41	Tx: 2496MHz-2690MHz
		Rx: 2496MHz-2690MHz
Channel Bandwidth	N5	5MHz, 10MHz, 15MHz, 20MHz
	N7	5MHz, 10MHz, 15MHz, 20MHz
	N41	20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz, 100MHz
Antenna Type:	Fixed Internal antenna	
Antenna Gain:	N5	Top: -5.30dBi; bottom: -6.98dBi
	N7	Top: -2.21dBi; bottom: 0.95dBi
	N41	Top: -2.16dBi; bottom: 0.89dBi



Accessory Information:	AC Adapter 1	
	Brand Name:	realme
	Model No.:	VCA7JAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Input:	200-240V~ 50/60HZ, 1.8A
	Rated Output:	5V=2A; 10V=6.5A
	Rated Input:	100-130V~ 50/60HZ, 1.8A
	Rated Output:	5V=2A; 10V=5A
	Manufacturer:	HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD
	AC Adapter 2	
	Brand Name:	realme
	Model No.:	VCA7JAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Input:	200-240V~ 50/60HZ, 1.8A
	Rated Output:	5V=2A; 10V=6.5A
	Rated Input:	100-130V~ 50/60HZ, 1.8A
	Rated Output:	5V=2A; 10V=5A
	Manufacturer:	HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD
	AC Adapter 3	
	Brand Name:	realme
	Model No.:	VCA7JAUH
	Serial No.:	(N/A, marked #1 by test site)
	Rated Input:	200-240V~ 50/60HZ, 1.8A
	Rated Output:	5V=2A; 10V=6.5A
	Rated Input:	100-130V~ 50/60HZ, 1.8A
	Rated Output:	5V=2A; 10V=5A
	Manufacturer:	SHENZHEN HUNTKEY ELECTRIC CO., LTD.
	Battery	
	Brand Name:	realme
	Model No.:	BLP809
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	Typical: 2150mAh, Rated: 2100mAh
	Rated Voltage:	7.74V



	Charge Limit:	8.90V
	Manufacturer:	SUNWODA Electronic Co., Ltd.
	USB Cable:	
	Model No:	DL129
	Earphone	
	Model No:	MH156
	Length:	1.2m

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_7A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.037	0.037	0.034	0.027	0.019	0.035
15	0.037	/	/	/	/	/
10	0.037	/	/	/	/	/
5	0.037	/	/	/	/	/

DC_7A_N5	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M3G7D	18M2G7D	18M2W7D	18M2D7W	18M2D7W	19M3G7D
15	13M6G7D	13M6G7D	13M6W7D	13M7D7W	13M7D7W	14M3G7D
10	9M08G7D	9M06G7D	9M07W7D	9M07D7W	9M08D7W	9M44G7D
5	4M52G7D	4M50G7D	4M50W7D	4M50D7W	4M50D7W	4M53G7D

DC_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.036	0.036	0.034	0.025	0.017	0.029
15	0.036	/	/	/	/	/
10	0.033	/	/	/	/	/
5	0.034	/	/	/	/	/



DC_2A_N7	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.287	0.288	0.276	0.183	0.130	0.192
15	0.280	/	/	/	/	/
10	0.286	/	/	/	/	/
5	0.285	/	/	/	/	/

DC_2A_N7	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M3G7D	18M2G7D	18M2W7D	18M2D7W	18M3D7W	19M3G7D
15	13M7G7D	13M7G7D	13M7W7D	13M7D7W	13M7D7W	14M4G7D
10	9M09G7D	9M10G7D	9M07W7D	9M10D7W	9M09D7W	9M44G7D
5	4M53G7D	4M54G7D	4M53W7D	4M52D7W	4M53D7W	4M54G7D

DC_5A_N7	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.284	0.286	0.267	0.177	0.126	0.191
15	0.279	/	/	/	/	/
10	0.281	/	/	/	/	/
5	0.279	/	/	/	/	/



DC_66A_N7	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.282	0.282	0.260	0.189	0.143	0.192
15	0.260	/	/	/	/	/
10	0.282	/	/	/	/	/
5	0.279	/	/	/	/	/

DC_26A_N41	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.281	0.284	0.218	0.145	0.092	0.060
90	0.222	/	/	/	/	/
80	0.218	/	/	/	/	/
60	0.223	/	/	/	/	/
50	0.220	/	/	/	/	/
40	0.224	/	/	/	/	/
30	0.221	/	/	/	/	/
20	0.221	/	/	/	/	/

DC_26A_N41	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	98M4G7D	98M3G7D	98M3W7D	98M2D7W	98M4D7W	98M6G7D
90	87M0G7D	87M6G7D	87M5W7D	87M5D7W	86M7D7W	89M0G7D
80	78M4G7D	78M7G7D	78M3W7D	78M9D7W	78M5D7W	78M9G7D
60	58M8G7D	58M2G7D	58M9W7D	58M8D7W	58M7D7W	58M2G7D
50	46M6G7D	46M7G7D	46M6W7D	46M7D7W	46M5D7W	48M2G7D
40	36M5G7D	36M5G7D	36M5W7D	36M6D7W	36M1D7W	38M7G7D
30	27M2G7D	27M4G7D	27M2W7D	27M4D7W	27M4D7W	28M1G7D
20	18M1G7D	18M2G7D	18M2W7D	18M2D7W	18M1D7W	18M6G7D



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, 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 22	Public Mobile Services
4	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(d)(4) 22.913(a)(2) 27.50(d)(4)	Transmitter Conducted Output Power and ERP/EIRP	Jun. 9 to 12,2021	Chen Haiju Yang Jie	PASS	No deviation
2.1049	Occupied Bandwidth	Jun. 9 to 12, 2021	Chen Haiju	PASS	No deviation
2.1055 22.355 27.54	Frequency Stability	Jun. 13 to 15,2021	Chen Haiju	PASS	No deviation
2.1051, 22.917(a) 27.53(m)(4)	Conducted Spurious Emissions	Jun. 13 to Jul 9,2021	Chen Haiju	PASS	No deviation
2.1051, 22.917(a) 27.53(m)(4)	Band Edge	Jun. 13 to Jul 9,2021	Chen Haiju	PASS	No deviation
2.1051, 22.917(a) 27.53(m)(4)	Radiated Spurious Emissions	Jun. 30 to Jul. 7,2021	Yang Jie	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% risk level.

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 22H, Part 27M Requirements

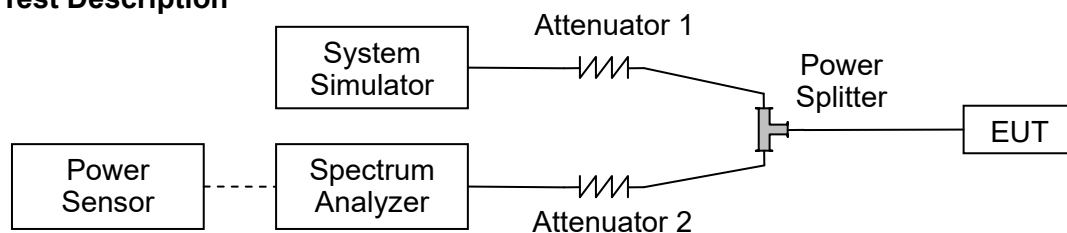
2.1. Transmitter Conducted Output Power And ERP/EIRP

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 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power. According to FCC section 27.50 (d)(4) for N66, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

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 50 Ohm; 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.

$EIRP \text{ (dBm)} = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$ERP \text{ (dBm)} = EIPR \text{ (dBm)} - 2.15$

2.1.4. Result

Conducted Output Power:



DC_7A-N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	23.01	23.11	23.04
20		1	53	22.86	23.04	22.92
20		1	104	22.84	22.85	22.67
20		50	1	23.10	23.12	23.02
20		50	25	23.00	23.00	22.97
20		50	50	22.99	23.05	22.96
20		100	0	23.04	23.07	22.73
20	DFT-s-OFDM QPSK	1	1	23.02	23.18	23.02
20		1	53	22.96	23.07	22.97
20		1	104	22.83	22.86	22.70
20		50	1	23.08	22.75	22.91
20		50	25	23.03	22.93	23.02
20		50	50	23.04	23.05	22.87
20		100	0	23.05	23.01	22.96
20	DFT-s-OFDM 16QAM	1	1	22.79	22.68	22.39
20	DFT-s-OFDM 64QAM	1	1	21.51	21.79	21.55
20	DFT-s-OFDM 256QAM	1	1	19.83	20.13	19.78
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.12	23.02	23.06
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	23.17	23.10	23.02
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.16	23.11	23.01



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	CP-OFDM QPSK	1	1	22.91	22.53	22.43
20	CP-OFDM 16QAM	1	1	22.63	22.29	22.40
20	CP-OFDM 64QAM	1	1	22.54	22.19	22.35
20	CP-OFDM 256QAM	1	1	19.86	19.55	19.51



DC_66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.97	22.98	22.87
20		1	53	22.69	22.74	22.55
20		1	104	22.36	22.18	22.31
20		50	1	23.02	23.03	22.91
20		50	25	22.84	22.75	22.61
20		50	50	22.74	22.69	22.12
20		100	0	22.68	22.61	22.28
20	DFT-s-OFDM QPSK	1	1	23.04	22.92	22.92
20		1	53	22.72	22.78	22.51
20		1	104	22.31	22.34	22.34
20		50	1	22.12	22.27	22.47
20		50	25	22.55	22.83	22.02
20		50	50	22.14	22.58	22.18
20		100	0	22.04	22.61	22.64
20	DFT-s-OFDM 16QAM	1	1	22.26	22.61	22.71
20	DFT-s-OFDM 64QAM	1	1	21.16	21.41	20.89
20	DFT-s-OFDM 256QAM	1	1	19.23	19.76	19.13
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.97	22.88	22.72
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.69	22.61	22.35
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.65	22.19



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BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	CP-OFDM QPSK	1	1	22.12	21.66	21.04
20	CP-OFDM 16QAM	1	1	21.93	21.52	20.90
20	CP-OFDM 64QAM	1	1	21.64	21.44	20.84
20	CP-OFDM 256QAM	1	1	19.06	18.82	18.64

DC_2A_N7

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	2560
20	DFT-s-OFDM PI/2 BPSK	1	1	23.19	23.47	23.49
20		1	53	23.26	23.46	23.41
20		1	104	23.17	23.44	23.33
20		50	1	23.19	23.61	23.55
20		50	25	23.33	23.63	23.52
20		50	50	23.17	23.53	23.50
20		100	0	23.23	23.55	23.55
20	DFT-s-OFDM QPSK	1	1	23.65	23.53	23.41
20		1	53	23.39	23.49	23.43
20		1	104	23.50	23.41	23.34
20		50	1	22.60	22.97	23.13
20		50	25	23.41	23.54	23.52
20		50	50	22.89	23.01	22.87
20		100	0	22.80	23.04	23.05
20	DFT-s-OFDM 16QAM	1	1	22.51	23.09	23.46
20	DFT-s-OFDM 64QAM	1	1	20.71	21.32	21.67
20	DFT-s-OFDM 256QAM	1	1	19.22	19.80	20.18
Channel				501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.52	23.50
Channel				501000	507000	513000
Frequency (MHz)				2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	23.61	23.45	23.38
Channel				500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.60	23.55	23.33



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	1767.5
20	CP-OFDM QPSK	1	1	20.95	21.52	21.89
20	CP-OFDM 16QAM	1	1	20.97	21.46	21.73
20	CP-OFDM 64QAM	1	1	20.94	21.31	21.61
20	CP-OFDM 256QAM	1	1	18.92	18.96	19.26



DC_5A_N7

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	2560
20	DFT-s-OFDM PI/2 BPSK	1	1	23.48	23.45	23.35
20		1	53	23.52	23.42	23.41
20		1	104	23.36	23.51	23.33
20		50	1	23.37	23.58	23.54
20		50	25	23.54	23.55	23.49
20		50	50	23.48	23.53	23.46
20		100	0	23.52	23.47	23.39
20	DFT-s-OFDM QPSK	1	1	23.17	23.61	23.41
20		1	53	23.57	23.45	23.46
20		1	104	23.38	23.35	23.32
20		50	1	22.51	22.92	22.96
20		50	25	23.60	23.50	23.55
20		50	50	22.78	22.95	22.71
20		100	0	22.71	22.98	22.91
20	DFT-s-OFDM 16QAM	1	1	22.44	23.04	23.31
20	DFT-s-OFDM 64QAM	1	1	20.63	21.25	21.54
20	DFT-s-OFDM 256QAM	1	1	19.13	19.71	20.04
Channel				501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.51	23.49
Channel				501000	507000	513000
Frequency (MHz)				2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	23.02	23.53	23.28
Channel				500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.51	23.48	23.31



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	1767.5
20	CP-OFDM QPSK	1	1	21.21	21.55	21.86
20	CP-OFDM 16QAM	1	1	20.98	21.38	21.68
20	CP-OFDM 64QAM	1	1	20.59	21.28	21.60
20	CP-OFDM 256QAM	1	1	18.24	18.95	19.25



DC_66A_N7

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	2560
20	DFT-s-OFDM PI/2 BPSK	1	1	23.27	23.51	23.39
20		1	53	23.21	23.47	23.31
20		1	104	23.08	23.50	23.30
20		50	1	23.25	23.25	23.49
20		50	25	23.21	23.34	23.42
20		50	50	23.05	23.51	23.02
20		100	0	23.22	23.55	23.40
20	DFT-s-OFDM QPSK	1	1	23.27	23.42	23.56
20		1	53	23.11	23.41	23.22
20		1	104	22.98	23.37	23.15
20		50	1	23.03	23.35	23.22
20		50	25	23.13	23.46	23.50
20		50	50	23.10	23.39	23.01
20		100	0	23.00	23.42	23.15
20	DFT-s-OFDM 16QAM	1	1	22.88	22.98	23.20
20	DFT-s-OFDM 64QAM	1	1	21.26	21.74	21.82
20	DFT-s-OFDM 256QAM	1	1	20.10	20.45	20.60
Channel				501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.12	23.20	23.09
Channel				501000	507000	513000
Frequency (MHz)				2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	23.55	23.34	23.19
Channel				500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.43	23.51	23.05



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	1767.5
20	CP-OFDM QPSK	1	1	21.80	21.61	21.89
20	CP-OFDM 16QAM	1	1	20.82	21.49	21.50
20	CP-OFDM 64QAM	1	1	20.79	21.43	21.26
20	CP-OFDM 256QAM	1	1	18.58	19.18	18.65



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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	22.98	23.28	23.06
100		1	136	23.40	23.22	23.42
100		1	272	23.12	23.43	23.56
100		135	1	22.88	23.10	23.38
100		135	67	23.50	23.06	23.59
100		135	136	23.21	23.31	23.52
100		270	0	22.71	23.02	23.54
100	DFT-s-OFDM QPSK	1	1	23.49	23.64	23.52
100		1	136	23.49	23.27	23.62
100		1	272	23.24	23.43	23.61
100		135	1	22.86	22.72	23.36
100		135	67	22.66	22.99	23.25
100		135	136	22.69	23.44	23.48
100		270	0	23.25	23.07	23.63
100	DFT-s-OFDM 16QAM	1	1	22.36	22.50	22.06
100	DFT-s-OFDM 64QAM	1	1	20.60	20.19	20.73
100	DFT-s-OFDM 256QAM	1	1	18.60	18.19	18.73
Channel				508200	518598	528996
Frequency (MHz)				2541	2593	2645
90	DFT-s-OFDM PI/2 BPSK	1	1	22.58	22.46	22.32
Channel				507204	518598	529998
Frequency (MHz)				2536	2593	2650
80	DFT-s-OFDM PI/2 BPSK	1	1	22.49	22.38	22.39
Channel				505200	518598	531996
Frequency (MHz)				2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	22.03	22.55	22.60



Channel				504204	518598	532998
Frequency (MHz)				2521	2593	2665
50	DFT-s-OFDM PI/2 BPSK	1	1	22.19	22.54	22.46
Channel				503202	518598	534000
Frequency (MHz)				2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	22.35	22.61	22.50
Channel				502200	518598	534996
Frequency (MHz)				2511	2593	2675
30	DFT-s-OFDM PI/2 BPSK	1	1	22.30	22.56	22.31
Channel				501204	518598	535998
Frequency (MHz)				2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	22.56	22.13	22.52
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	22.03	21.94	21.67
100	CP-OFDM 16QAM	1	1	21.31	21.57	21.08
100	CP-OFDM 64QAM	1	1	19.59	19.20	19.68
100	CP-OFDM 256QAM	1	1	16.78	16.59	16.86



Effective Radiated Power and Effective Isotropic Radiated Power:

Top antenna

DC_7A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	15.56	15.66	15.59	0.036	0.037	0.036
20		1	39	15.41	15.59	15.47	0.035	0.036	0.035
20		1	77	15.39	15.40	15.22	0.035	0.035	0.033
20		36	1	15.65	15.67	15.57	0.037	0.037	0.036
20		36	18	15.55	15.55	15.52	0.036	0.036	0.036
20		36	36	15.54	15.60	15.51	0.036	0.036	0.036
20		75	0	15.59	15.62	15.28	0.036	0.036	0.034
20	DFT-s-OFDM QPSK	1	1	15.57	15.73	15.57	0.036	0.037	0.036
20		1	39	15.51	15.62	15.52	0.036	0.036	0.036
20		1	77	15.38	15.41	15.25	0.035	0.035	0.033
20		36	1	15.63	15.30	15.46	0.037	0.034	0.035
20		36	18	15.58	15.48	15.57	0.036	0.035	0.036
20		36	36	15.59	15.60	15.42	0.036	0.036	0.035
20		75	0	15.60	15.56	15.51	0.036	0.036	0.036
20	DFT-s-OFDM 16QAM	1	1	15.34	15.23	14.94	0.034	0.033	0.031
20	DFT-s-OFDM 64QAM	1	1	14.06	14.34	14.10	0.025	0.027	0.026
20	DFT-s-OFDM 256QAM	1	1	12.38	12.68	12.33	0.017	0.019	0.017
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	15.67	15.57	15.61	0.037	0.036	0.036
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	15.72	15.65	15.57	0.037	0.037	0.036
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5



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5	DFT-s-OFDM PI/2 BPSK	1	1	15.71	15.66	15.56	0.037	0.037	0.036
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	15.46	15.08	14.98	0.035	0.032	0.031
20	CP-OFDM 16QAM	1	1	15.18	14.84	14.95	0.033	0.030	0.031
20	CP-OFDM 64QAM	1	1	15.09	14.74	14.90	0.032	0.030	0.031
20	CP-OFDM 256QAM	1	1	12.41	12.10	12.06	0.017	0.016	0.016



DC_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	15.52	15.53	15.42	0.036	0.036	0.035
20		1	39	15.24	15.29	15.10	0.033	0.034	0.032
20		1	77	14.91	14.73	14.86	0.031	0.030	0.031
20		36	1	15.57	15.58	15.46	0.036	0.036	0.035
20		36	18	15.39	15.30	15.16	0.035	0.034	0.033
20		36	36	15.29	15.24	14.67	0.034	0.033	0.029
20		75	0	15.23	15.16	14.83	0.033	0.033	0.030
20	DFT-s-OFDM QPSK	1	1	15.59	15.47	15.47	0.036	0.035	0.035
20		1	39	15.27	15.33	15.06	0.034	0.034	0.032
20		1	77	14.86	14.89	14.89	0.031	0.031	0.031
20		36	1	14.67	14.82	15.02	0.029	0.030	0.032
20		36	18	15.10	15.38	14.57	0.032	0.035	0.029
20		36	36	14.69	15.13	14.73	0.029	0.033	0.030
20		75	0	14.59	15.16	15.19	0.029	0.033	0.033
20	DFT-s-OFDM 16QAM	1	1	14.81	15.16	15.26	0.030	0.033	0.034
20	DFT-s-OFDM 64QAM	1	1	13.71	13.96	13.44	0.023	0.025	0.022
20	DFT-s-OFDM 256QAM	1	1	11.78	12.31	11.68	0.015	0.017	0.015
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	15.52	15.43	15.27	0.036	0.035	0.034
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	15.24	15.16	14.90	0.033	0.033	0.031
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	15.33	15.20	14.74	0.034	0.033	0.030



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Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	14.67	14.21	13.59	0.029	0.026	0.023
20	CP-OFDM 16QAM	1	1	14.48	14.07	13.45	0.028	0.026	0.022
20	CP-OFDM 64QAM	1	1	14.19	13.99	13.39	0.026	0.025	0.022
20	CP-OFDM 256QAM	1	1	11.61	11.37	11.19	0.014	0.014	0.013



DC_2A_N7				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	2560	2510	2535	2560
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.98	21.26	21.28	0.125	0.134	0.134
20		1	39	21.05	21.25	21.20	0.127	0.133	0.132
20		1	77	20.96	21.23	21.12	0.125	0.133	0.129
20		36	1	20.98	21.40	21.34	0.125	0.138	0.136
20		36	18	21.12	21.42	21.31	0.129	0.139	0.135
20		36	36	20.96	21.32	21.29	0.125	0.136	0.135
20		75	0	21.02	21.34	21.34	0.126	0.136	0.136
20	DFT-s-OFDM QPSK	1	1	21.44	21.32	21.20	0.139	0.136	0.132
20		1	39	21.18	21.28	21.22	0.131	0.134	0.132
20		1	77	21.29	21.20	21.13	0.135	0.132	0.130
20		36	1	20.39	20.76	20.92	0.109	0.119	0.124
20		36	18	21.20	21.33	21.31	0.132	0.136	0.135
20		36	36	20.68	20.80	20.66	0.117	0.120	0.116
20		75	0	20.59	20.83	20.84	0.115	0.121	0.121
20	DFT-s-OFDM 16QAM	1	1	20.30	20.88	21.25	0.107	0.122	0.133
20	DFT-s-OFDM 64QAM	1	1	18.50	19.11	19.46	0.071	0.081	0.088
20	DFT-s-OFDM 256QAM	1	1	17.01	17.59	17.97	0.050	0.057	0.063
Channel				501500	507000	512500	501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5	2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	21.29	21.31	21.29	0.135	0.135	0.135
Channel				501000	507000	513000	501000	507000	513000
Frequency (MHz)				2505	2535	2565	2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	21.40	21.24	21.17	0.138	0.133	0.131
Channel				500500	507000	513500	500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5	2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	21.39	21.34	21.12	0.138	0.136	0.129



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Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	1767.5	2510	2535	1767.5
20	CP-OFDM QPSK	1	1	18.74	19.31	19.68	0.075	0.085	0.093
20	CP-OFDM 16QAM	1	1	18.76	19.25	19.52	0.075	0.084	0.090
20	CP-OFDM 64QAM	1	1	18.73	19.10	19.40	0.075	0.081	0.087
20	CP-OFDM 256QAM	1	1	16.71	16.75	17.05	0.047	0.047	0.051



DC_5A_N7				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	2560	2510	2535	2560
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.27	21.24	21.14	0.134	0.133	0.130
20		1	39	21.31	21.21	21.20	0.135	0.132	0.132
20		1	77	21.15	21.30	21.12	0.130	0.135	0.129
20		36	1	21.16	21.37	21.33	0.131	0.137	0.136
20		36	18	21.33	21.34	21.28	0.136	0.136	0.134
20		36	36	21.27	21.32	21.25	0.134	0.136	0.133
20		75	0	21.31	21.26	21.18	0.135	0.134	0.131
20	DFT-s-OFDM QPSK	1	1	20.96	21.40	21.20	0.125	0.138	0.132
20		1	39	21.36	21.24	21.25	0.137	0.133	0.133
20		1	77	21.17	21.14	21.11	0.131	0.130	0.129
20		36	1	20.30	20.71	20.75	0.107	0.118	0.119
20		36	18	21.39	21.29	21.34	0.138	0.135	0.136
20		36	36	20.57	20.74	20.50	0.114	0.119	0.112
20		75	0	20.50	20.77	20.70	0.112	0.119	0.117
20	DFT-s-OFDM 16QAM	1	1	20.23	20.83	21.10	0.105	0.121	0.129
20	DFT-s-OFDM 64QAM	1	1	18.42	19.04	19.33	0.070	0.080	0.086
20	DFT-s-OFDM 256QAM	1	1	16.92	17.50	17.83	0.049	0.056	0.061
Channel				501500	507000	512500	501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5	2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	21.29	21.30	21.28	0.135	0.135	0.134
Channel				501000	507000	513000	501000	507000	513000
Frequency (MHz)				2505	2535	2565	2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	20.81	21.32	21.07	0.121	0.136	0.128
Channel				500500	507000	513500	500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5	2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	21.30	21.27	21.10	0.135	0.134	0.129



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Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	1767.5	2510	2535	1767.5
20	CP-OFDM QPSK	1	1	19.00	19.34	19.65	0.079	0.086	0.092
20	CP-OFDM 16QAM	1	1	18.77	19.17	19.47	0.075	0.083	0.089
20	CP-OFDM 64QAM	1	1	18.38	19.07	19.39	0.069	0.081	0.087
20	CP-OFDM 256QAM	1	1	16.03	16.74	17.04	0.040	0.047	0.051



DC_66A_N7				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	2560	2510	2535	2560
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.06	21.30	21.18	0.128	0.135	0.131
20		1	39	21.00	21.26	21.10	0.126	0.134	0.129
20		1	77	20.87	21.29	21.09	0.122	0.135	0.129
20		36	1	21.04	21.04	21.28	0.127	0.127	0.134
20		36	18	21.00	21.13	21.21	0.126	0.130	0.132
20		36	36	20.84	21.30	20.81	0.121	0.135	0.121
20		75	0	21.01	21.34	21.19	0.126	0.136	0.132
20	DFT-s-OFDM QPSK	1	1	21.06	21.21	21.35	0.128	0.132	0.136
20		1	39	20.90	21.20	21.01	0.123	0.132	0.126
20		1	77	20.77	21.16	20.94	0.119	0.131	0.124
20		36	1	20.82	21.14	21.01	0.121	0.130	0.126
20		36	18	20.92	21.25	21.29	0.124	0.133	0.135
20		36	36	20.89	21.18	20.80	0.123	0.131	0.120
20		75	0	20.79	21.21	20.94	0.120	0.132	0.124
20	DFT-s-OFDM 16QAM	1	1	20.67	20.77	20.99	0.117	0.119	0.126
20	DFT-s-OFDM 64QAM	1	1	19.05	19.53	19.61	0.080	0.090	0.091
20	DFT-s-OFDM 256QAM	1	1	17.89	18.24	18.39	0.062	0.067	0.069
Channel				501500	507000	512500	501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5	2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.91	20.99	20.88	0.123	0.126	0.122
Channel				501000	507000	513000	501000	507000	513000
Frequency (MHz)				2505	2535	2565	2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	21.34	21.13	20.98	0.136	0.130	0.125
Channel				505000	507000	513500	500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5	2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	21.22	21.30	20.84	0.132	0.135	0.121



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Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	1767.5	2510	2535	1767.5
20	CP-OFDM QPSK	1	1	19.59	19.40	19.68	0.091	0.087	0.093
20	CP-OFDM 16QAM	1	1	18.61	19.28	19.29	0.073	0.085	0.085
20	CP-OFDM 64QAM	1	1	18.58	19.22	19.05	0.072	0.084	0.080
20	CP-OFDM 256QAM	1	1	16.37	16.97	16.44	0.043	0.050	0.044



DC_26A_N41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./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	20.82	21.12	20.90	0.036	0.036	0.035
100		1	39	21.24	21.06	21.26	0.033	0.034	0.032
100		1	77	20.96	21.27	21.40	0.031	0.03	0.031
100		36	1	20.72	20.94	21.22	0.036	0.036	0.035
100		36	18	21.34	20.90	21.43	0.035	0.034	0.033
100		36	36	21.05	21.15	21.36	0.034	0.033	0.029
100		75	0	20.55	20.86	21.38	0.033	0.033	0.03
100	DFT-s-OFDM QPSK	1	1	21.33	21.48	21.36	0.036	0.035	0.035
100		1	39	21.33	21.11	21.46	0.034	0.034	0.032
100		1	77	21.08	21.27	21.45	0.031	0.031	0.031
100		36	1	20.70	20.56	21.20	0.029	0.03	0.032
100		36	18	20.50	20.83	21.09	0.032	0.035	0.029
100		36	36	20.53	21.28	21.32	0.029	0.033	0.03
100		75	0	21.09	20.91	21.47	0.029	0.033	0.033
100	DFT-s-OFDM 16QAM	1	1	20.20	20.34	19.90	0.03	0.033	0.034
100	DFT-s-OFDM 64QAM	1	1	18.44	18.03	18.57	0.023	0.025	0.022
100	DFT-s-OFDM 256QAM	1	1	16.44	16.03	16.57	0.015	0.017	0.015
Channel				508200	518598	528996	508200	518598	528996
Frequency (MHz)				2541	2593	2645	2541	2593	2645
90	DFT-s-OFDM PI/2 BPSK	1	1	20.42	20.30	20.16	0.036	0.035	0.034
Channel				507204	518598	529998	507204	518598	529998
Frequency (MHz)				2536	2593	2650	2536	2593	2650
80	DFT-s-OFDM PI/2 BPSK	1	1	20.33	20.22	20.23	0.036	0.035	0.034
Channel				505200	518598	531996	505200	518598	531996
Frequency (MHz)				2526	2593	2660	2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	19.87	20.39	20.44	0.036	0.035	0.034



Channel				504204	518598	532998	504204	518598	532998
Frequency (MHz)				2521	2593	2665	2521	2593	2665
50	DFT-s-OFDM PI/2 BPSK	1	1	20.03	20.38	20.30	0.036	0.035	0.034
Channel				503202	518598	534000	503202	518598	534000
Frequency (MHz)				2516	2593	2670	2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	20.19	20.45	20.34	0.036	0.035	0.034
Channel				502200	518598	534996	502200	518598	534996
Frequency (MHz)				2511	2593	2675	2511	2593	2675
30	DFT-s-OFDM PI/2 BPSK	1	1	20.14	20.40	20.15	0.036	0.035	0.034
Channel				501204	518598	535998	501204	518598	535998
Frequency (MHz)				2506	2593	2680	2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	20.40	19.97	20.36	0.036	0.035	0.034
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
100	CP-OFDM QPSK	1	1	19.87	19.78	19.51	0.029	0.026	0.023
100	CP-OFDM 16QAM	1	1	19.15	19.41	18.92	0.028	0.026	0.022
100	CP-OFDM 64QAM	1	1	17.43	17.04	17.52	0.026	0.025	0.022
100	CP-OFDM 256QAM	1	1	14.62	14.43	14.70	0.014	0.014	0.013



Bottom antenna

DC_7A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	13.88	13.98	13.91	0.024	0.025	0.025
20		1	39	13.73	13.91	13.79	0.024	0.025	0.024
20		1	77	13.71	13.72	13.54	0.023	0.024	0.023
20		36	1	13.97	13.99	13.89	0.025	0.025	0.024
20		36	18	13.87	13.87	13.84	0.024	0.024	0.024
20		36	36	13.86	13.92	13.83	0.024	0.025	0.024
20		75	0	13.91	13.94	13.60	0.025	0.025	0.023
20	DFT-s-OFDM QPSK	1	1	13.89	14.05	13.89	0.024	0.025	0.024
20		1	39	13.83	13.94	13.84	0.024	0.025	0.024
20		1	77	13.70	13.73	13.57	0.023	0.024	0.023
20		36	1	13.95	13.62	13.78	0.025	0.023	0.024
20		36	18	13.90	13.80	13.89	0.025	0.024	0.024
20		36	36	13.91	13.92	13.74	0.025	0.025	0.024
20		75	0	13.92	13.88	13.83	0.025	0.024	0.024
20	DFT-s-OFDM 16QAM	1	1	13.66	13.55	13.26	0.023	0.023	0.021
20	DFT-s-OFDM 64QAM	1	1	12.38	12.66	12.42	0.017	0.018	0.017
20	DFT-s-OFDM 256QAM	1	1	10.70	11.00	10.65	0.012	0.013	0.012
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	13.99	13.89	13.93	0.025	0.024	0.025
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	14.04	13.97	13.89	0.025	0.025	0.024
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM	1	1	14.03	13.98	13.88	0.025	0.025	0.024



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	PI/2 BPSK								
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	13.78	13.40	13.30	0.024	0.022	0.021
20	CP-OFDM 16QAM	1	1	13.50	13.16	13.27	0.022	0.021	0.021
20	CP-OFDM 64QAM	1	1	13.41	13.06	13.22	0.022	0.020	0.021
20	CP-OFDM 256QAM	1	1	10.73	10.42	10.38	0.012	0.011	0.011



DC_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	13.84	13.85	13.74	0.024	0.024	0.024
20		1	39	13.56	13.61	13.42	0.023	0.023	0.022
20		1	77	13.23	13.05	13.18	0.021	0.020	0.021
20		36	1	13.89	13.90	13.78	0.024	0.025	0.024
20		36	18	13.71	13.62	13.48	0.023	0.023	0.022
20		36	36	13.61	13.56	12.99	0.023	0.023	0.020
20		75	0	13.55	13.48	13.15	0.023	0.022	0.021
20	DFT-s-OFDM QPSK	1	1	13.91	13.79	13.79	0.025	0.024	0.024
20		1	39	13.59	13.65	13.38	0.023	0.023	0.022
20		1	77	13.18	13.21	13.21	0.021	0.021	0.021
20		36	1	12.99	13.14	13.34	0.020	0.021	0.022
20		36	18	13.42	13.70	12.89	0.022	0.023	0.019
20		36	36	13.01	13.45	13.05	0.020	0.022	0.020
20		75	0	12.91	13.48	13.51	0.020	0.022	0.022
20	DFT-s-OFDM 16QAM	1	1	13.13	13.48	13.58	0.021	0.022	0.023
20	DFT-s-OFDM 64QAM	1	1	12.03	12.28	11.76	0.016	0.017	0.015
20	DFT-s-OFDM 256QAM	1	1	10.10	10.63	10.00	0.010	0.012	0.010
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	13.84	13.75	13.59	0.024	0.024	0.023
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	13.56	13.48	13.22	0.023	0.022	0.021
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	13.65	13.52	13.06	0.023	0.022	0.020



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Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	12.99	12.53	11.91	0.020	0.018	0.016
20	CP-OFDM 16QAM	1	1	12.80	12.39	11.77	0.019	0.017	0.015
20	CP-OFDM 64QAM	1	1	12.51	12.31	11.71	0.018	0.017	0.015
20	CP-OFDM 256QAM	1	1	9.93	9.69	9.51	0.010	0.009	0.009



DC_2A_N7				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	2560	2510	2535	2560
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	24.14	24.42	24.44	0.259	0.277	0.278
20		1	39	24.21	24.41	24.36	0.264	0.276	0.273
20		1	77	24.12	24.39	24.28	0.258	0.275	0.268
20		36	1	24.14	24.56	24.50	0.259	0.286	0.282
20		36	18	24.28	24.58	24.47	0.268	0.287	0.280
20		36	36	24.12	24.48	24.45	0.258	0.281	0.279
20		75	0	24.18	24.50	24.50	0.262	0.282	0.282
20	DFT-s-OFDM QPSK	1	1	24.60	24.48	24.36	0.288	0.281	0.273
20		1	39	24.34	24.44	24.38	0.272	0.278	0.274
20		1	77	24.45	24.36	24.29	0.279	0.273	0.269
20		36	1	23.55	23.92	24.08	0.226	0.247	0.256
20		36	18	24.36	24.49	24.47	0.273	0.281	0.280
20		36	36	23.84	23.96	23.82	0.242	0.249	0.241
20		75	0	23.75	23.99	24.00	0.237	0.251	0.251
20	DFT-s-OFDM 16QAM	1	1	23.46	24.04	24.41	0.222	0.254	0.276
20	DFT-s-OFDM 64QAM	1	1	21.66	22.27	22.62	0.147	0.169	0.183
20	DFT-s-OFDM 256QAM	1	1	20.17	20.75	21.13	0.104	0.119	0.130
Channel				501500	507000	512500	501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5	2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	24.45	24.47	24.45	0.279	0.280	0.279
Channel				501000	507000	513000	501000	507000	513000
Frequency (MHz)				2505	2535	2565	2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	24.56	24.40	24.33	0.286	0.275	0.271
Channel				500500	507000	513500	500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5	2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	24.55	24.50	24.28	0.285	0.282	0.268



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Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	1767.5	2510	2535	1767.5
20	CP-OFDM QPSK	1	1	21.90	22.47	22.84	0.155	0.177	0.192
20	CP-OFDM 16QAM	1	1	21.92	22.41	22.68	0.156	0.174	0.185
20	CP-OFDM 64QAM	1	1	21.89	22.26	22.56	0.155	0.168	0.180
20	CP-OFDM 256QAM	1	1	19.87	19.91	20.21	0.097	0.098	0.105



DC_5A_N7				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	2560	2510	2535	2560
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	24.43	24.40	24.30	0.277	0.275	0.269
20		1	39	24.47	24.37	24.36	0.280	0.274	0.273
20		1	77	24.31	24.46	24.28	0.270	0.279	0.268
20		36	1	24.32	24.53	24.49	0.270	0.284	0.281
20		36	18	24.49	24.50	24.44	0.281	0.282	0.278
20		36	36	24.43	24.48	24.41	0.277	0.281	0.276
20		75	0	24.47	24.42	24.34	0.280	0.277	0.272
20	DFT-s-OFDM QPSK	1	1	24.12	24.56	24.36	0.258	0.286	0.273
20		1	39	24.52	24.40	24.41	0.283	0.275	0.276
20		1	77	24.33	24.30	24.27	0.271	0.269	0.267
20		36	1	23.46	23.87	23.91	0.222	0.244	0.246
20		36	18	24.55	24.45	24.50	0.285	0.279	0.282
20		36	36	23.73	23.90	23.66	0.236	0.245	0.232
20		75	0	23.66	23.93	23.86	0.232	0.247	0.243
20	DFT-s-OFDM 16QAM	1	1	23.39	23.99	24.26	0.218	0.251	0.267
20	DFT-s-OFDM 64QAM	1	1	21.58	22.20	22.49	0.144	0.166	0.177
20	DFT-s-OFDM 256QAM	1	1	20.08	20.66	20.99	0.102	0.116	0.126
Channel				501500	507000	512500	501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5	2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	24.45	24.46	24.44	0.279	0.279	0.278
Channel				501000	507000	513000	501000	507000	513000
Frequency (MHz)				2505	2535	2565	2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	23.97	24.48	24.23	0.249	0.281	0.265
Channel				500500	507000	513500	500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5	2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	24.46	24.43	24.26	0.279	0.277	0.267



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Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	1767.5	2510	2535	1767.5
20	CP-OFDM QPSK	1	1	22.16	22.50	22.81	0.164	0.178	0.191
20	CP-OFDM 16QAM	1	1	21.93	22.33	22.63	0.156	0.171	0.183
20	CP-OFDM 64QAM	1	1	21.54	22.23	22.55	0.143	0.167	0.180
20	CP-OFDM 256QAM	1	1	19.19	19.90	20.20	0.083	0.098	0.105



DC_66A_N7				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	2560	2510	2535	2560
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	24.22	24.46	24.34	0.264	0.279	0.272
20		1	39	24.16	24.42	24.26	0.261	0.277	0.267
20		1	77	24.03	24.45	24.25	0.253	0.279	0.266
20		36	1	24.20	24.20	24.44	0.263	0.263	0.278
20		36	18	24.16	24.29	24.37	0.261	0.269	0.274
20		36	36	24.00	24.46	23.97	0.251	0.279	0.249
20		75	0	24.17	24.50	24.35	0.261	0.282	0.272
20	DFT-s-OFDM QPSK	1	1	24.22	24.37	24.51	0.264	0.274	0.282
20		1	39	24.06	24.36	24.17	0.255	0.273	0.261
20		1	77	23.93	24.32	24.10	0.247	0.270	0.257
20		36	1	23.98	24.30	24.17	0.250	0.269	0.261
20		36	18	24.08	24.41	24.45	0.256	0.276	0.279
20		36	36	24.05	24.34	23.96	0.254	0.272	0.249
20		75	0	23.95	24.37	24.10	0.248	0.274	0.257
20	DFT-s-OFDM 16QAM	1	1	23.83	23.93	24.15	0.242	0.247	0.260
20	DFT-s-OFDM 64QAM	1	1	22.21	22.69	22.77	0.166	0.186	0.189
20	DFT-s-OFDM 256QAM	1	1	21.05	21.40	21.55	0.127	0.138	0.143
Channel				501500	507000	512500	501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5	2507.5	2535	2562.5
15	DFT-s-OFDM PI/2 BPSK	1	1	24.07	24.15	24.04	0.255	0.260	0.254
Channel				501000	507000	513000	501000	507000	513000
Frequency (MHz)				2505	2535	2565	2505	2535	2565
10	DFT-s-OFDM PI/2 BPSK	1	1	24.50	24.29	24.14	0.282	0.269	0.259
Channel				505000	507000	513500	500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5	2502.5	2535	2567.5
5	DFT-s-OFDM PI/2 BPSK	1	1	24.38	24.46	24.00	0.274	0.279	0.251



REPORT No.: SZ21040341W11

Channel				502000	507000	512000	502000	507000	512000
Frequency (MHz)				2510	2535	1767.5	2510	2535	1767.5
20	CP-OFDM QPSK	1	1	22.75	22.56	22.84	0.188	0.180	0.192
20	CP-OFDM 16QAM	1	1	21.77	22.44	22.45	0.150	0.175	0.176
20	CP-OFDM 64QAM	1	1	21.74	22.38	22.21	0.149	0.173	0.166
20	CP-OFDM 256QAM	1	1	19.53	20.13	19.60	0.090	0.103	0.091



DC_26A_N41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./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	23.87	24.17	23.95	0.244	0.261	0.248
100		1	39	24.29	24.11	24.31	0.269	0.258	0.270
100		1	77	24.01	24.32	24.45	0.252	0.270	0.279
100		36	1	23.77	23.99	24.27	0.238	0.251	0.267
100		36	18	24.39	23.95	24.48	0.275	0.248	0.281
100		36	36	24.10	24.20	24.41	0.257	0.263	0.276
100		75	0	23.60	23.91	24.43	0.229	0.246	0.277
100	DFT-s-OFDM QPSK	1	1	24.38	24.53	24.41	0.274	0.284	0.276
100		1	39	24.38	24.16	24.51	0.274	0.261	0.282
100		1	77	24.13	24.32	24.50	0.259	0.270	0.282
100		36	1	23.75	23.61	24.25	0.237	0.230	0.266
100		36	18	23.55	23.88	24.14	0.226	0.244	0.259
100		36	36	23.58	24.33	24.37	0.228	0.271	0.274
100		75	0	24.14	23.96	24.52	0.259	0.249	0.283
100	DFT-s-OFDM 16QAM	1	1	23.25	23.39	22.95	0.211	0.218	0.197
100	DFT-s-OFDM 64QAM	1	1	21.49	21.08	21.62	0.141	0.128	0.145
100	DFT-s-OFDM 256QAM	1	1	19.49	19.08	19.62	0.089	0.081	0.092
Channel				508200	518598	528996	508200	518598	528996
Frequency (MHz)				2541	2593	2645	2541	2593	2645
90	DFT-s-OFDM PI/2 BPSK	1	1	23.47	23.35	23.21	0.222	0.216	0.209
Channel				507204	518598	529998	507204	518598	529998
Frequency (MHz)				2536	2593	2650	2536	2593	2650
80	DFT-s-OFDM PI/2 BPSK	1	1	23.38	23.27	23.28	0.218	0.212	0.213
Channel				505200	518598	531996	505200	518598	531996
Frequency (MHz)				2526	2593	2660	2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	22.92	23.44	23.49	0.196	0.221	0.223



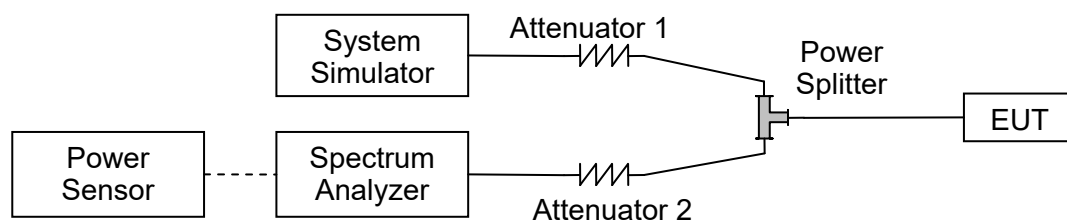
Channel				504204	518598	532998	504204	518598	532998
Frequency (MHz)				2521	2593	2665	2521	2593	2665
50	DFT-s-OFDM PI/2 BPSK	1	1	23.08	23.43	23.35	0.203	0.220	0.216
Channel				503202	518598	534000	503202	518598	534000
Frequency (MHz)				2516	2593	2670	2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	23.24	23.50	23.39	0.211	0.224	0.218
Channel				502200	518598	534996	502200	518598	534996
Frequency (MHz)				2511	2593	2675	2511	2593	2675
30	DFT-s-OFDM PI/2 BPSK	1	1	23.19	23.45	23.20	0.208	0.221	0.209
Channel				501204	518598	535998	501204	518598	535998
Frequency (MHz)				2506	2593	2680	2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	23.45	23.02	23.41	0.221	0.200	0.219
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
100	CP-OFDM QPSK	1	1	22.92	22.83	22.56	0.196	0.192	0.180
100	CP-OFDM 16QAM	1	1	22.20	22.46	21.97	0.166	0.176	0.157
100	CP-OFDM 64QAM	1	1	20.48	20.09	20.57	0.112	0.102	0.114
100	CP-OFDM 256QAM	1	1	17.67	17.48	17.75	0.058	0.056	0.060

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 50 Ohm; 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 7A_N5					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.5163	4.732
	Low		QPSK	4.4996	4.724
	Low		16QAM	4.4904	4.733
	Low		64QAM	4.4995	4.683
	Low		256QAM	4.5014	4.689
	Low	CP-OFDM	QPSK	4.4849	4.715
	Mid	DFT-s-OFDM	PI/2 BPSK	4.5101	4.75
	Mid		QPSK	4.4979	4.697
	Mid		16QAM	4.4894	4.71
	Mid		64QAM	4.4975	4.708
	Mid		256QAM	4.4958	4.683
	Mid	CP-OFDM	QPSK	4.5138	4.727
	High	DFT-s-OFDM	PI/2 BPSK	4.4779	4.703
	High		QPSK	4.4868	4.694
	High		16QAM	4.4992	4.714
	High		64QAM	4.4981	4.684
	High		256QAM	4.4858	4.685
	High	CP-OFDM	QPSK	4.5257	4.727
10	Low	DFT-s-OFDM	PI/2 BPSK	9.0757	9.419
	Low		QPSK	9.0527	9.59
	Low		16QAM	9.0747	9.376
	Low		64QAM	9.0722	9.414
	Low		256QAM	9.0762	9.604
	Low	CP-OFDM	QPSK	9.4415	9.897
	Mid	DFT-s-OFDM	PI/2 BPSK	9.0771	9.415
	Mid		QPSK	9.0585	9.599
	Mid		16QAM	8.9505	9.796
	Mid		64QAM	9.0573	9.449
	Mid		256QAM	9.0685	9.714
	Mid	CP-OFDM	QPSK	9.3897	9.926
	High	DFT-s-OFDM	PI/2 BPSK	9.0672	9.377
	High		QPSK	9.0589	9.59
	High		16QAM	9.0052	9.354



	High	CP-OFDM	64QAM	9.0634	9.428
	High		256QAM	9.0369	9.397
	High		QPSK	9.3594	9.732
15	Low	DFT-s-OFDM	PI/2 BPSK	13.644	14.69
	Low		QPSK	13.599	14.18
	Low		16QAM	13.581	14.76
	Low		64QAM	13.613	14.77
	Low		256QAM	13.669	14.11
	Low	CP-OFDM	QPSK	14.239	15.48
	Mid	DFT-s-OFDM	PI/2 BPSK	13.638	14.38
	Mid		QPSK	13.649	14.09
	Mid		16QAM	13.647	14.47
	Mid		64QAM	13.668	14.12
	Mid		256QAM	13.667	14.2
	Mid	CP-OFDM	QPSK	14.304	15.19
	High	DFT-s-OFDM	PI/2 BPSK	13.629	14.1
	High		QPSK	13.609	14.11
	High		16QAM	13.568	14.47
	High		64QAM	13.617	14.1
	High		256QAM	13.569	14.52
	High	CP-OFDM	QPSK	14.302	14.77
20	Low	DFT-s-OFDM	PI/2 BPSK	18.245	19.0
	Low		QPSK	18.212	19.25
	Low		16QAM	18.197	19.17
	Low		64QAM	18.173	18.81
	Low		256QAM	18.132	19.18
	Low	CP-OFDM	QPSK	19.256	20.41
	Mid	DFT-s-OFDM	PI/2 BPSK	18.264	18.87
	Mid		QPSK	18.218	18.83
	Mid		16QAM	18.215	19.45
	Mid		64QAM	18.173	18.94
	Mid		256QAM	18.195	18.78
	Mid	CP-OFDM	QPSK	19.285	20.36
	High	DFT-s-OFDM	PI/2 BPSK	18.062	18.96
	High		QPSK	18.182	19.11
	High		16QAM	18.15	19.28
	High		64QAM	18.157	18.81
	High		256QAM	18.1	18.78



	High	CP-OFDM	QPSK	19.153	20.49
DC 2A_N7					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.51	4.827
	Low		QPSK	4.537	4.812
	Low		16QAM	4.5143	4.799
	Low		64QAM	4.5199	4.802
	Low		256QAM	4.5318	4.847
	Low	CP-OFDM	QPSK	4.5373	4.78
	Mid	DFT-s-OFDM	PI/2 BPSK	4.5147	4.81
	Mid		QPSK	4.5247	4.849
	Mid		16QAM	4.5179	4.821
	Mid		64QAM	4.5066	4.796
	Mid		256QAM	4.5171	4.73
	Mid	CP-OFDM	QPSK	4.5346	4.79
	High	DFT-s-OFDM	PI/2 BPSK	4.5282	4.749
	High		QPSK	4.5257	4.835
	High		16QAM	4.5252	4.781
	High		64QAM	4.5148	4.782
	High		256QAM	4.4896	4.809
	High	CP-OFDM	QPSK	4.5307	4.712
10	Low	DFT-s-OFDM	PI/2 BPSK	9.0871	9.725
	Low		QPSK	9.0987	9.649
	Low		16QAM	9.0704	9.532
	Low		64QAM	9.0554	9.339
	Low		256QAM	9.0229	9.412
	Low	CP-OFDM	QPSK	9.2835	9.688
	Mid	DFT-s-OFDM	PI/2 BPSK	9.0537	9.858
	Mid		QPSK	9.0163	9.763
	Mid		16QAM	9.0736	9.888
	Mid		64QAM	9.0781	9.471
	Mid		256QAM	9.0895	9.469
	Mid	CP-OFDM	QPSK	9.4447	10.04
	High	DFT-s-OFDM	PI/2 BPSK	9.0927	9.668
	High		QPSK	9.0489	9.42
	High		16QAM	9.0266	9.417
	High		64QAM	9.1	9.87



	High		256QAM	9.0844	9.397
	High	CP-OFDM	QPSK	9.3901	9.814
15	Low	DFT-s-OFDM	PI/2 BPSK	13.586	14.2
	Low		QPSK	13.594	14.55
	Low		16QAM	13.695	14.38
	Low		64QAM	13.589	14.54
	Low		256QAM	13.673	14.13
	Low	CP-OFDM	QPSK	14.353	14.84
	Mid	DFT-s-OFDM	PI/2 BPSK	13.667	14.18
	Mid		QPSK	13.684	14.17
	Mid		16QAM	13.671	14.15
	Mid		64QAM	13.647	14.63
	Mid		256QAM	13.682	14.11
	Mid	CP-OFDM	QPSK	14.346	14.96
	High	DFT-s-OFDM	PI/2 BPSK	13.685	14.7
	High		QPSK	13.634	14.18
	High		16QAM	13.619	14.75
	High		64QAM	13.612	14.61
	High		256QAM	13.629	14.08
	High	CP-OFDM	QPSK	14.106	15.48
20	Low	DFT-s-OFDM	PI/2 BPSK	18.266	19.07
	Low		QPSK	18.146	19.23
	Low		16QAM	18.217	18.83
	Low		64QAM	18.108	18.78
	Low		256QAM	18.26	18.8
	Low	CP-OFDM	QPSK	19.232	19.92
	Mid	DFT-s-OFDM	PI/2 BPSK	18.209	18.84
	Mid		QPSK	18.217	19.45
	Mid		16QAM	18.193	19.24
	Mid		64QAM	18.125	18.84
	Mid		256QAM	18.196	18.75
	Mid	CP-OFDM	QPSK	19.275	20.6
	High	DFT-s-OFDM	PI/2 BPSK	18.172	18.8
	High		QPSK	18.194	18.95
	High		16QAM	18.225	18.84
	High		64QAM	18.161	18.99
	High		256QAM	18.132	19.57
	High	CP-OFDM	QPSK	19.287	19.89



DC 26A_N41					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	18.079	19.08
	Low		QPSK	18.163	18.8
	Low		16QAM	18.123	18.78
	Low		64QAM	18.094	18.73
	Low		256QAM	18.132	18.67
	Low	CP-OFDM	QPSK	18.529	19.09
	Mid	DFT-s-OFDM	PI/2 BPSK	18.045	18.82
	Mid		QPSK	17.925	18.82
	Mid		16QAM	18.202	18.88
	Mid		64QAM	18.223	18.83
	Mid		256QAM	18.085	18.72
	Mid	CP-OFDM	QPSK	18.569	19.28
	High	DFT-s-OFDM	PI/2 BPSK	18.023	18.92
	High		QPSK	17.978	18.93
	High		16QAM	18.022	18.73
	High		64QAM	18.029	18.95
	High		256QAM	18.054	18.85
	High	CP-OFDM	QPSK	18.402	19.29
30	Low	DFT-s-OFDM	PI/2 BPSK	27.177	28.05
	Low		QPSK	27.369	28.31
	Low		16QAM	27.11	28.67
	Low		64QAM	27.147	28.13
	Low		256QAM	27.373	28.12
	Low	CP-OFDM	QPSK	27.913	29.04
	Mid	DFT-s-OFDM	PI/2 BPSK	26.991	28.08
	Mid		QPSK	27.049	28.05
	Mid		16QAM	27.215	28.24
	Mid		64QAM	27.367	28.29
	Mid		256QAM	27.115	28.01
	Mid	CP-OFDM	QPSK	27.836	29.4
	High	DFT-s-OFDM	PI/2 BPSK	27.112	28.17
	High		QPSK	27.347	28.26
	High		16QAM	27.004	28.38
	High		64QAM	26.828	28.44



	High		256QAM	27.346	28.65
	High	CP-OFDM	QPSK	28.14	29.15
40	Low	DFT-s-OFDM	PI/2 BPSK	35.818	37.36
	Low		QPSK	36.535	37.5
	Low		16QAM	36.521	37.59
	Low		64QAM	36.463	37.71
	Low		256QAM	35.995	38.69
	Low	CP-OFDM	QPSK	38.703	39.73
	Mid	DFT-s-OFDM	PI/2 BPSK	36.402	37.78
	Mid		QPSK	36.091	37.32
	Mid		16QAM	36.333	37.61
	Mid		64QAM	36.508	37.74
	Mid		256QAM	35.79	37.17
	Mid	CP-OFDM	QPSK	38.445	39.47
	High	DFT-s-OFDM	PI/2 BPSK	36.47	37.66
	High		QPSK	35.845	37.46
	High		16QAM	36.491	37.68
	High		64QAM	36.547	37.91
	High		256QAM	36.083	37.09
	High	CP-OFDM	QPSK	38.363	39.65
50	Low	DFT-s-OFDM	PI/2 BPSK	46.529	48.03
	Low		QPSK	46.045	48.06
	Low		16QAM	46.564	48.15
	Low		64QAM	45.883	47.72
	Low		256QAM	46.246	47.62
	Low	CP-OFDM	QPSK	47.992	49.68
	Mid	DFT-s-OFDM	PI/2 BPSK	46.604	49.19
	Mid		QPSK	46.704	48.48
	Mid		16QAM	46.546	48.13
	Mid		64QAM	46.535	48.19
	Mid		256QAM	46.52	48.1
	Mid	CP-OFDM	QPSK	48.212	49.89
	High	DFT-s-OFDM	PI/2 BPSK	46.618	47.97
	High		QPSK	46.714	48.06
	High		16QAM	46.149	48.24
	High		64QAM	46.668	48.1
	High		256QAM	46.428	48.33
	High	CP-OFDM	QPSK	48.183	49.72



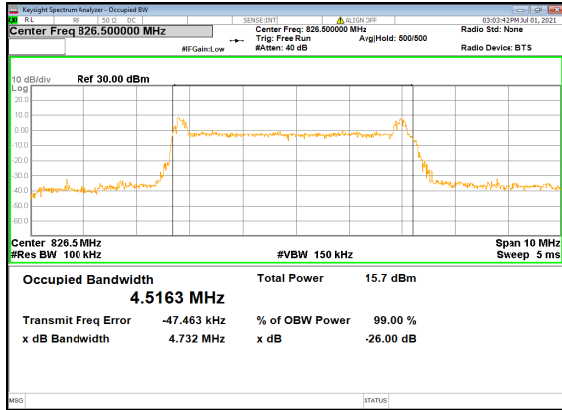
60	Low	DFT-s-OFDM	PI/2 BPSK	58.817	60.8
	Low		QPSK	58.24	60.47
	Low		16QAM	57.96	60.23
	Low		64QAM	58.176	61.71
	Low		256QAM	58.651	60.54
	Low	CP-OFDM	QPSK	57.726	59.94
	Mid	DFT-s-OFDM	PI/2 BPSK	58.213	60.19
	Mid		QPSK	58.006	60.2
	Mid		16QAM	58.873	60.8
	Mid		64QAM	58.64	60.7
	Mid		256QAM	57.803	60.78
	Mid	CP-OFDM	QPSK	57.702	59.88
	High	DFT-s-OFDM	PI/2 BPSK	58.056	60.38
	High		QPSK	57.799	60.7
	High		16QAM	58.93	60.66
	High		64QAM	58.84	60.64
	High		256QAM	57.86	59.99
	High	CP-OFDM	QPSK	58.224	60.46
80	Low	DFT-s-OFDM	PI/2 BPSK	77.428	81.28
	Low		QPSK	77.532	81.86
	Low		16QAM	77.413	81.04
	Low		64QAM	77.271	79.99
	Low		256QAM	78.499	80.8
	Low	CP-OFDM	QPSK	77.748	82.87
	Mid	DFT-s-OFDM	PI/2 BPSK	78.357	80.75
	Mid		QPSK	78.679	81.13
	Mid		16QAM	77.381	80.89
	Mid		64QAM	78.885	80.92
	Mid		256QAM	76.957	79.79
	Mid	CP-OFDM	QPSK	78.872	81.02
	High	DFT-s-OFDM	PI/2 BPSK	77.746	80.43
	High		QPSK	78.328	80.97
	High		16QAM	78.326	80.65
	High		64QAM	78.149	80.69
	High		256QAM	77.55	80.79
	High	CP-OFDM	QPSK	78.699	81.16
90	Low		PI/2 BPSK	86.294	90.49
	Low		QPSK	86.341	89.31



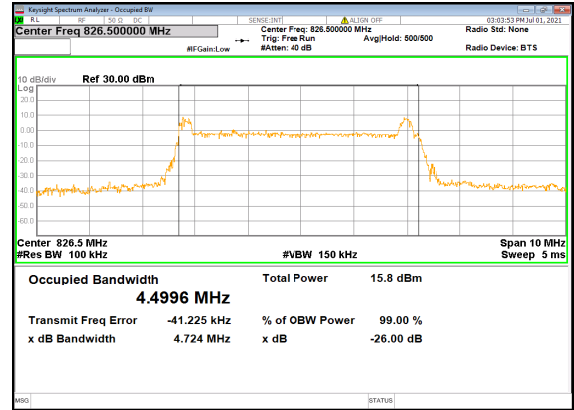
	Low	DFT-s-OFDM	16QAM	86.085	90.07
	Low		64QAM	87.536	90.24
	Low		256QAM	85.503	88.88
	Low	CP-OFDM	QPSK	88.98	91.53
	Mid	DFT-s-OFDM	PI/2 BPSK	86.875	89.41
	Mid		QPSK	86.997	90.18
	Mid		16QAM	87.506	90.37
	Mid		64QAM	87.375	90.1
	Mid		256QAM	85.759	89.87
	Mid	CP-OFDM	QPSK	87.887	94.43
	High	DFT-s-OFDM	PI/2 BPSK	87.024	90.19
	High		QPSK	87.611	90.77
	High		16QAM	86.053	88.96
	High		64QAM	86.097	89.01
	High		256QAM	86.729	90.03
	High	CP-OFDM	QPSK	87.672	90.49
100	Low	DFT-s-OFDM	PI/2 BPSK	98.288	101.6
	Low		QPSK	98.283	101.9
	Low		16QAM	96.993	105.3
	Low		64QAM	97.976	102.6
	Low		256QAM	98.353	100.9
	Low	CP-OFDM	QPSK	98.604	102.1
	Mid	DFT-s-OFDM	PI/2 BPSK	98.375	101.4
	Mid		QPSK	96.795	100.4
	Mid		16QAM	98.324	101.5
	Mid		64QAM	98.242	101.4
	Mid		256QAM	98.163	101.4
	Mid	CP-OFDM	QPSK	97.48	101.1
	High	DFT-s-OFDM	PI/2 BPSK	98.018	101.2
	High		QPSK	98.324	101.4
	High		16QAM	96.852	102.5
	High		64QAM	98.052	100.7
	High		256QAM	98.408	100.9
	High	CP-OFDM	QPSK	97.866	101.6



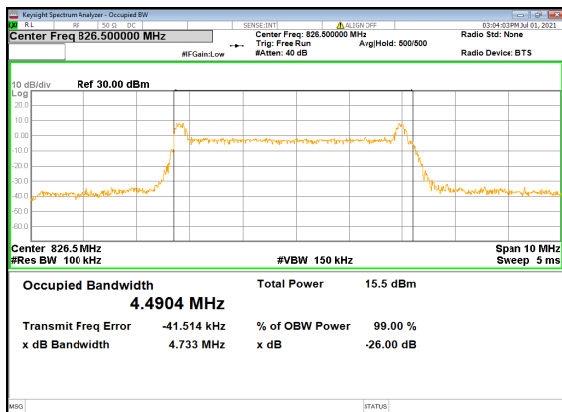
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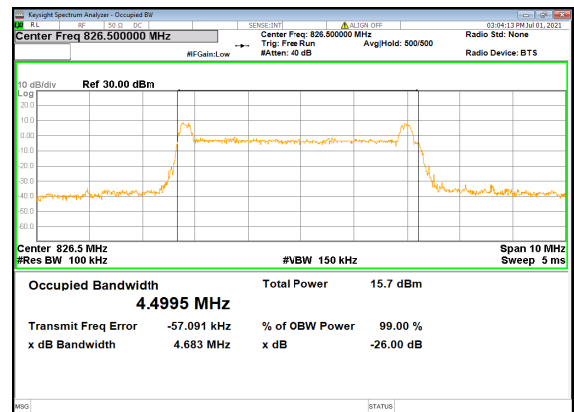
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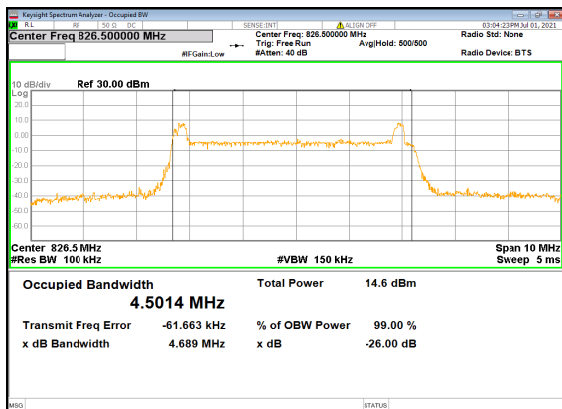
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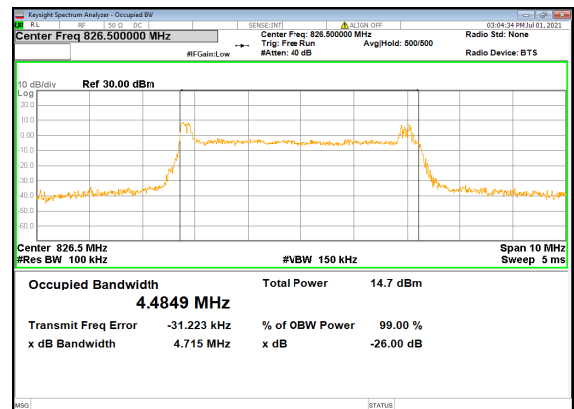
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B7_N5(5M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

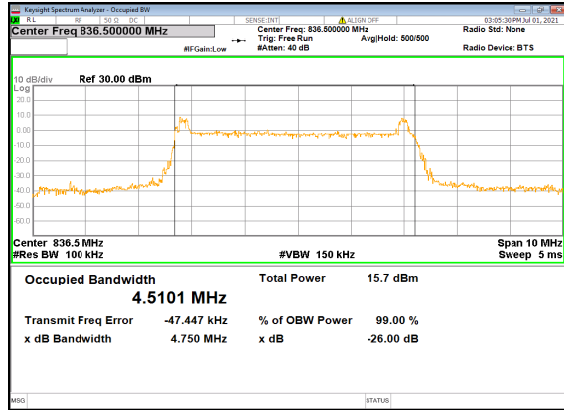


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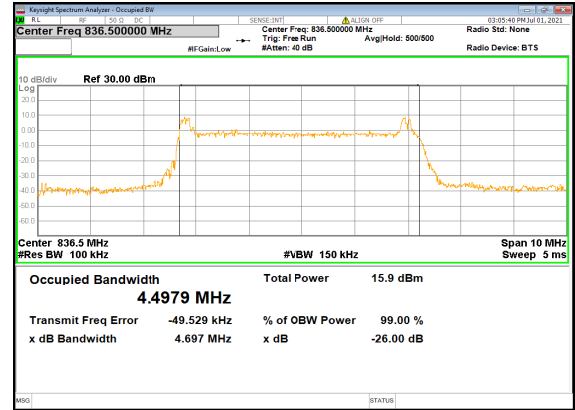




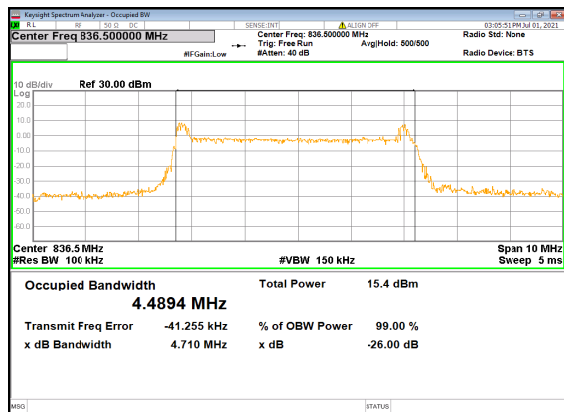
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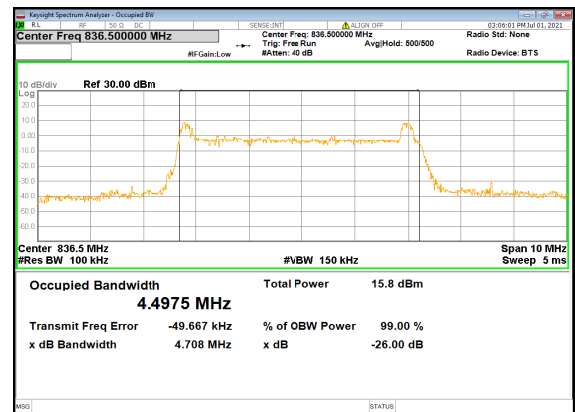
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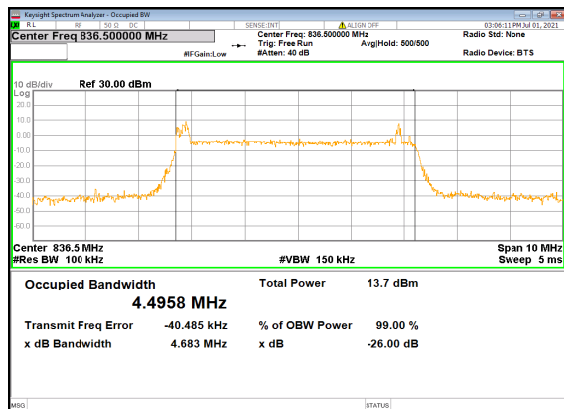
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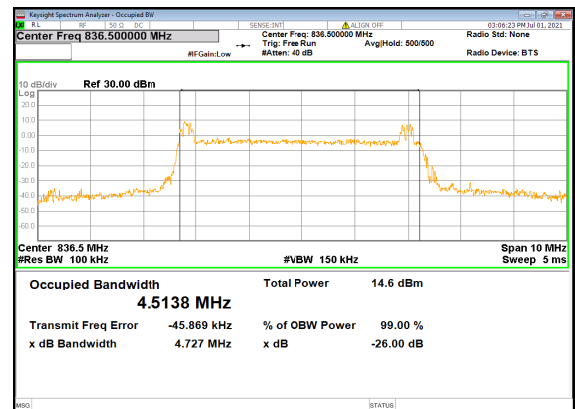
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B7_N5(5M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

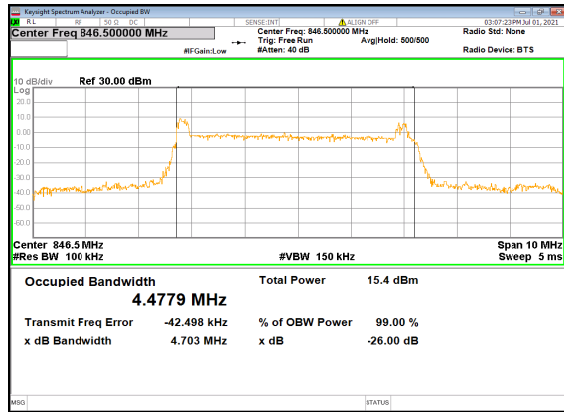


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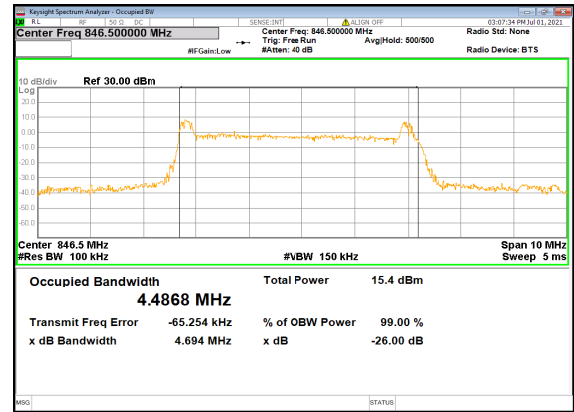




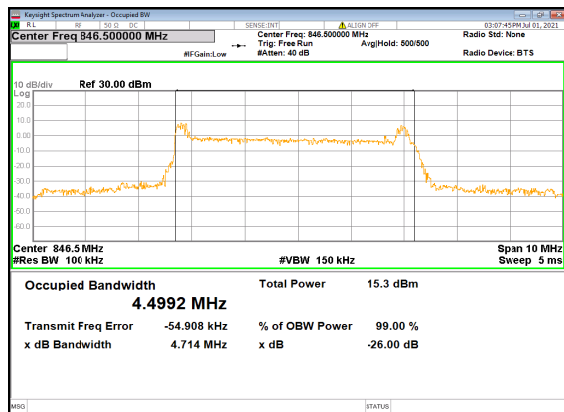
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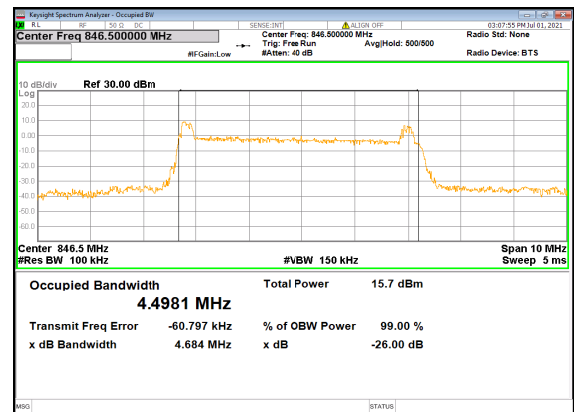
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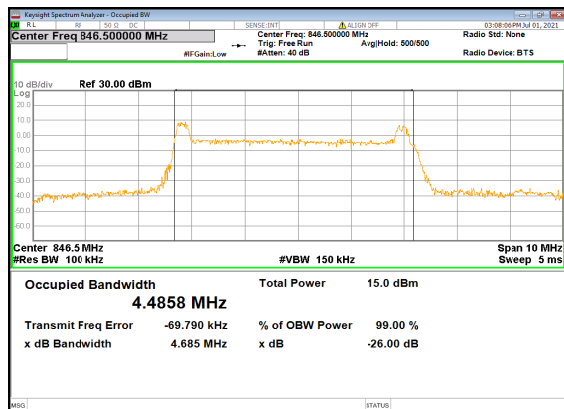
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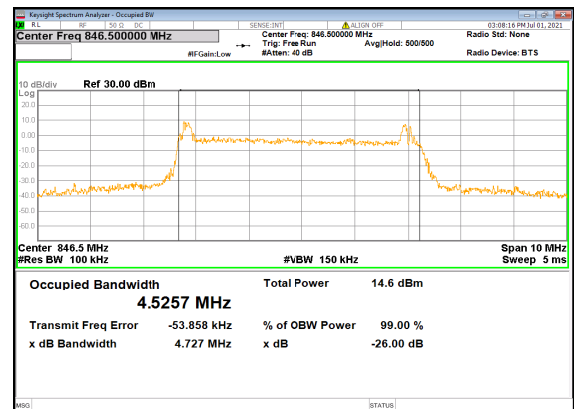
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B7_N5(5M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

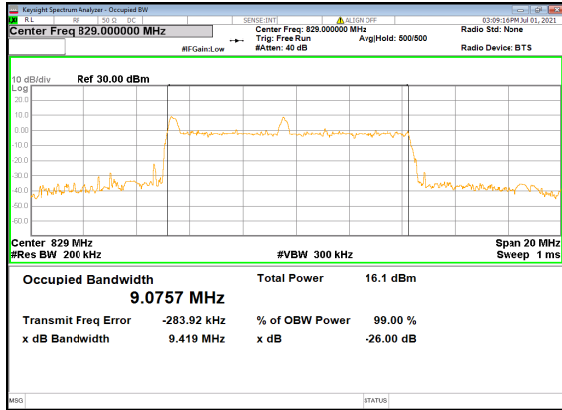


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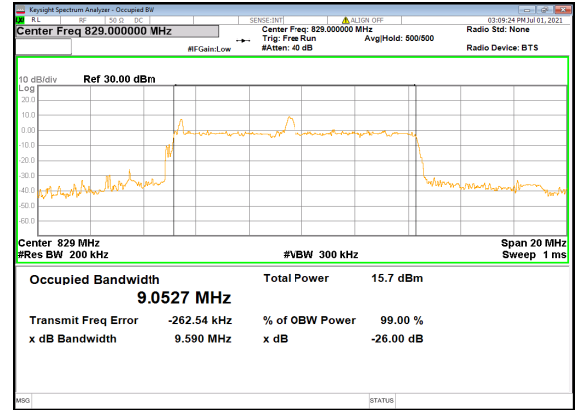




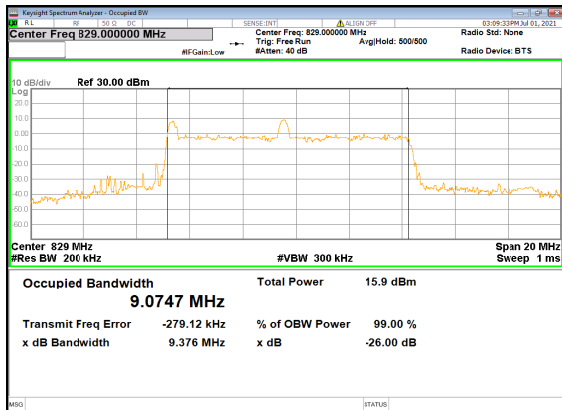
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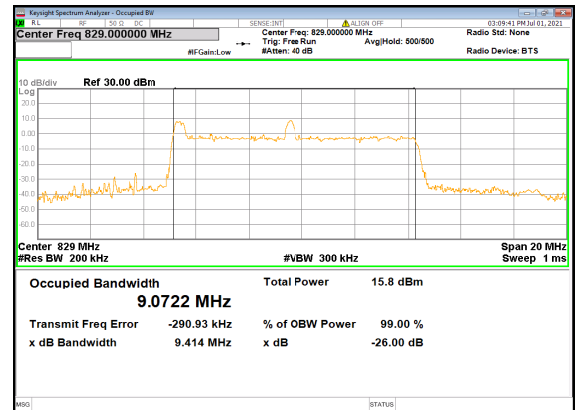
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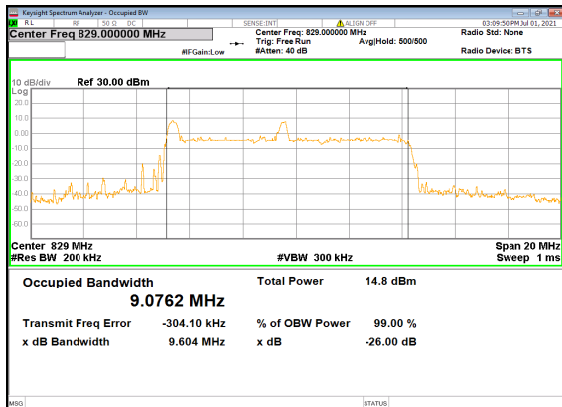
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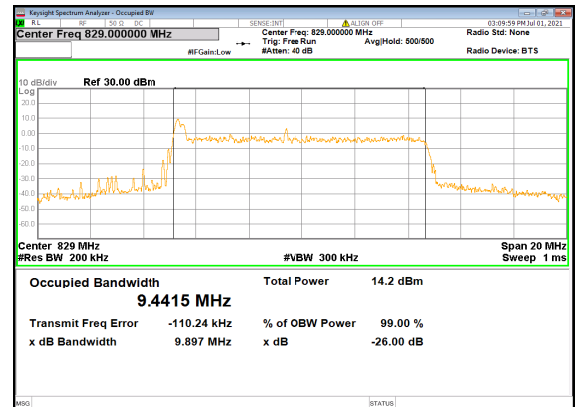
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B7_N5(10M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

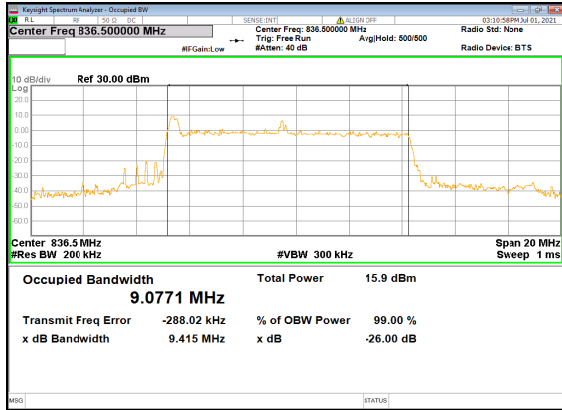


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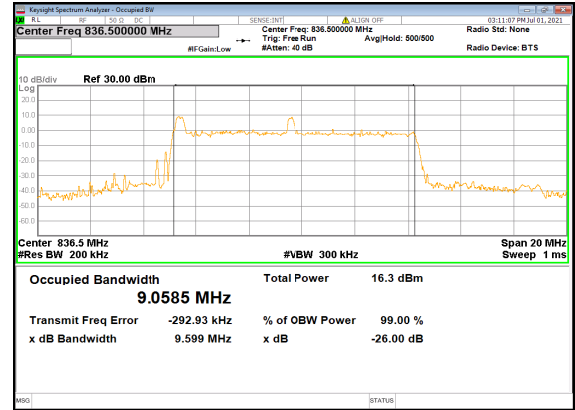




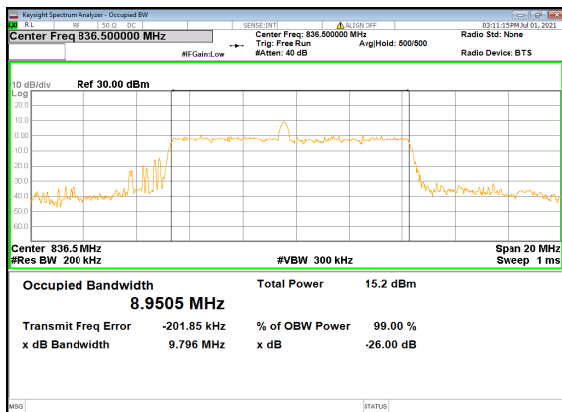
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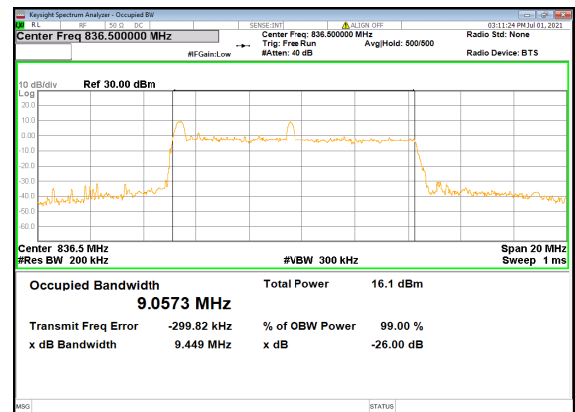
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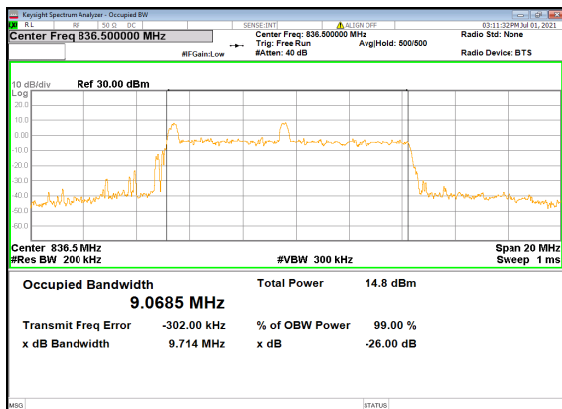
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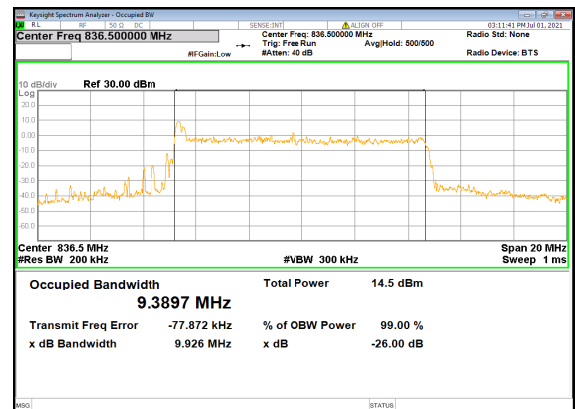
B7_N5(10M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



B7_N5(10M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

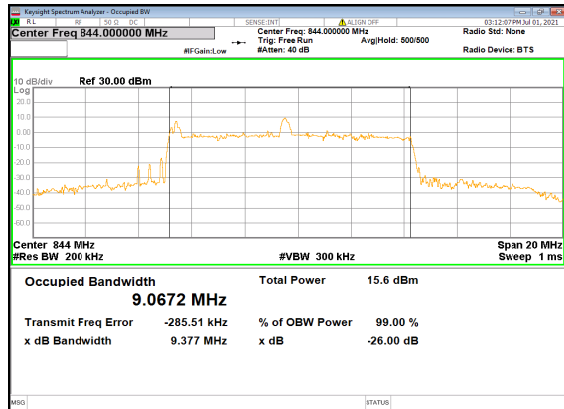


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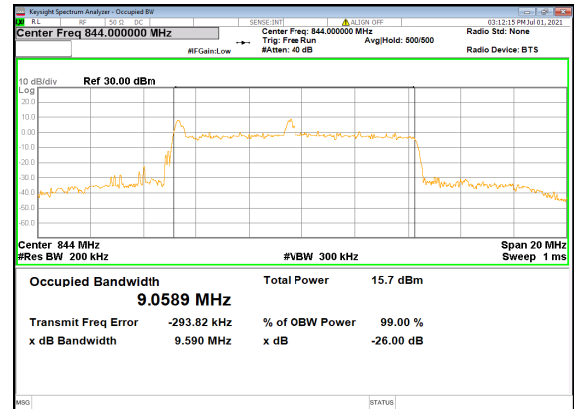




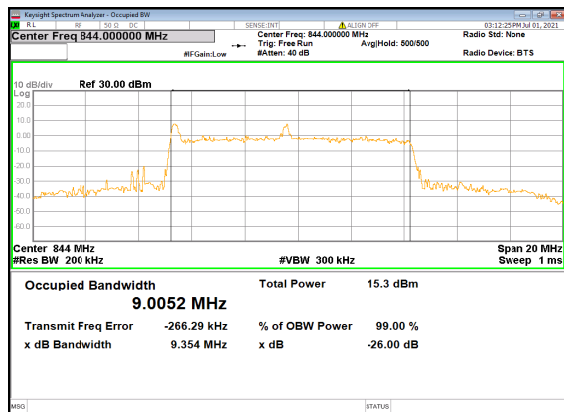
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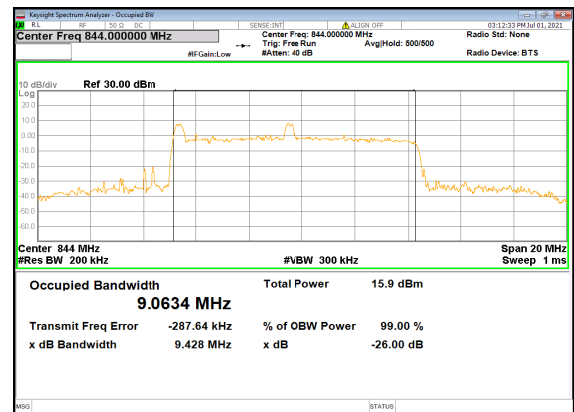
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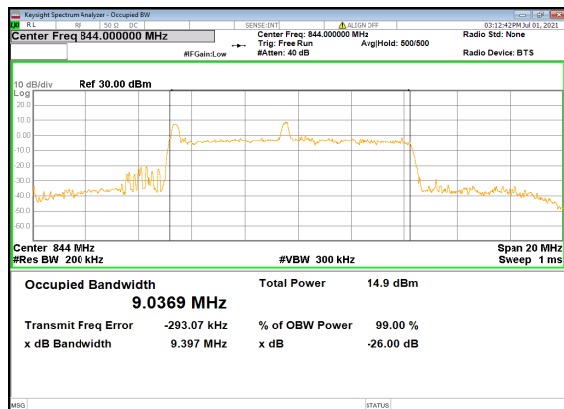
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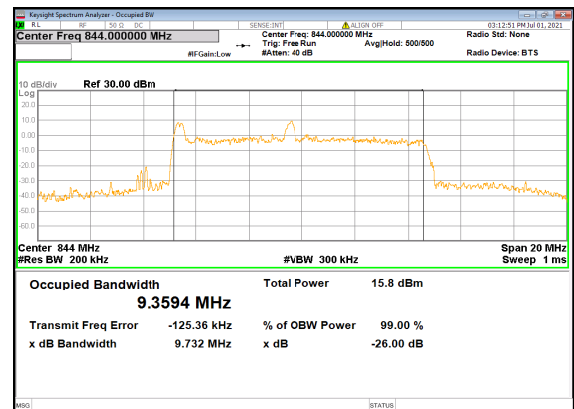
B7_N5(10M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



B7_N5(10M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

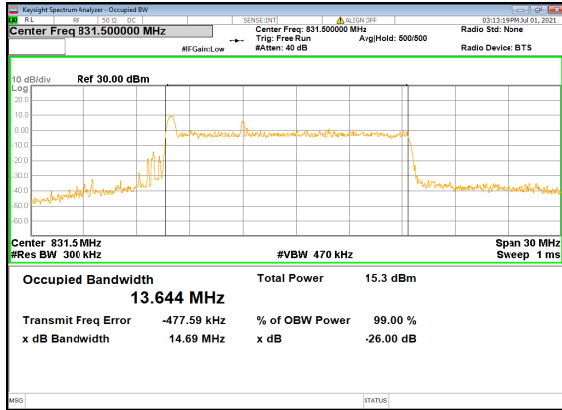


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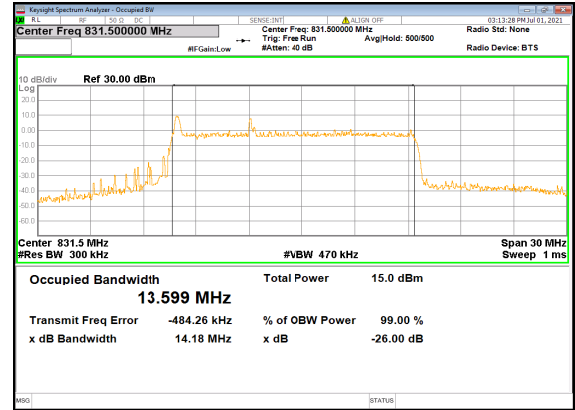




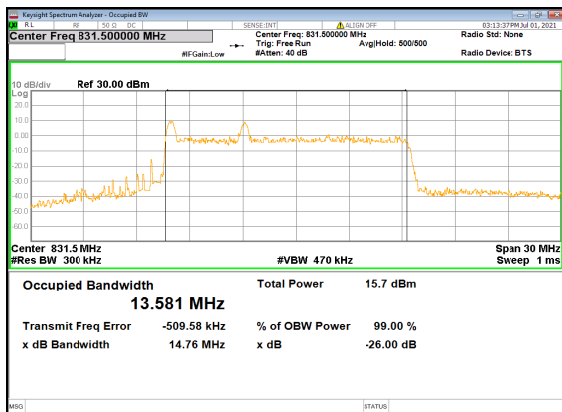
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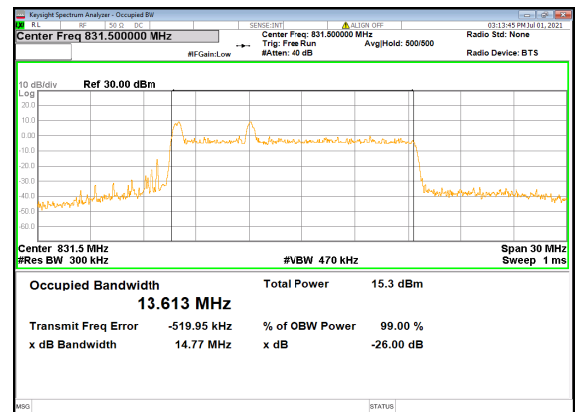
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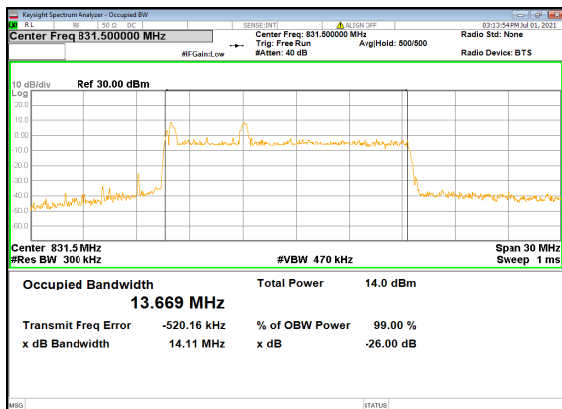
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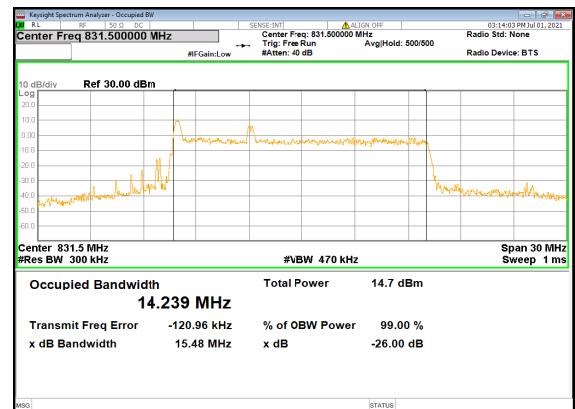
B7_N5(15M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



B7_N5(15M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

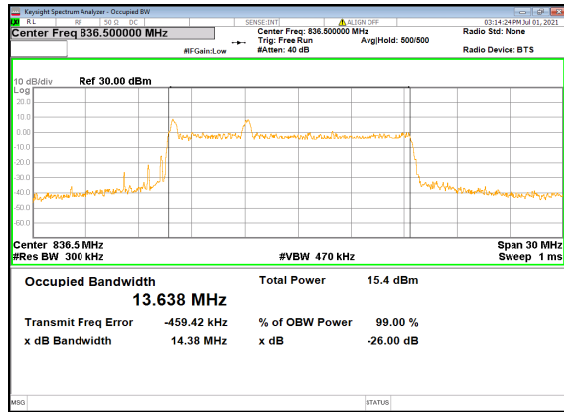


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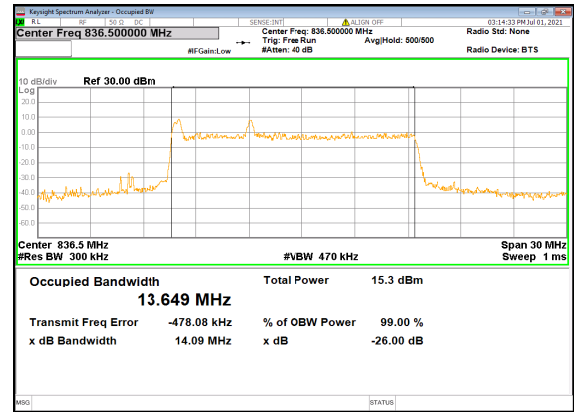




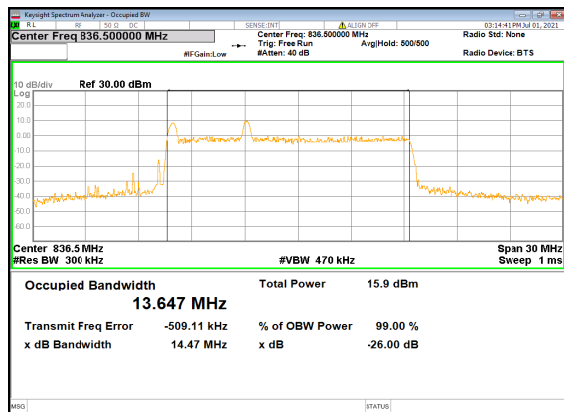
B7_N5(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



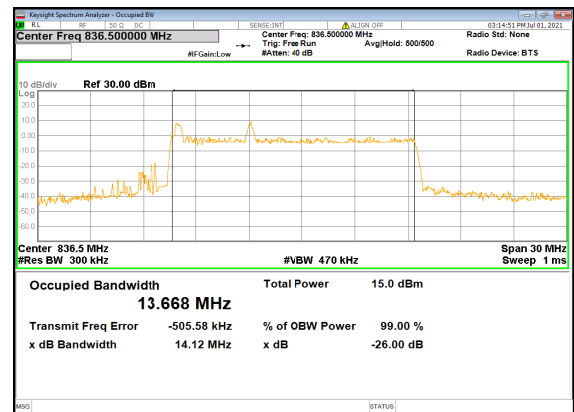
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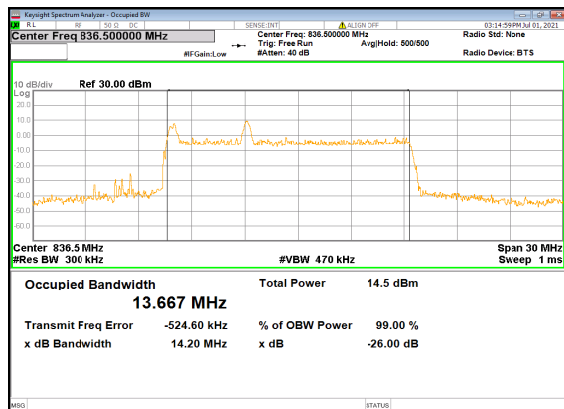
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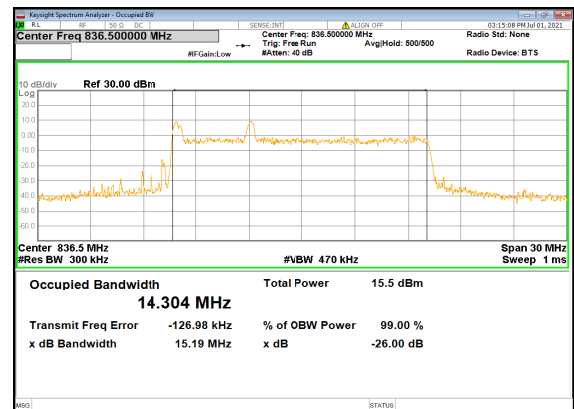
B7_N5(15M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



B7_N5(15M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

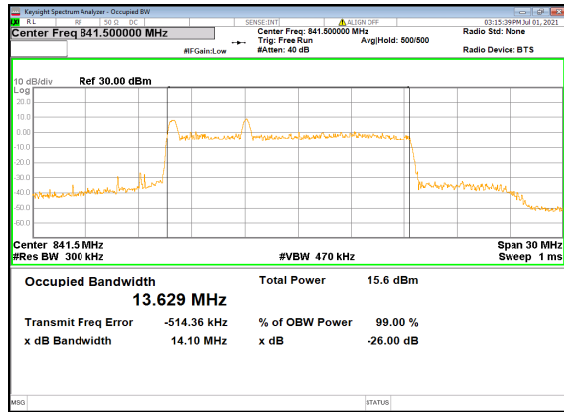


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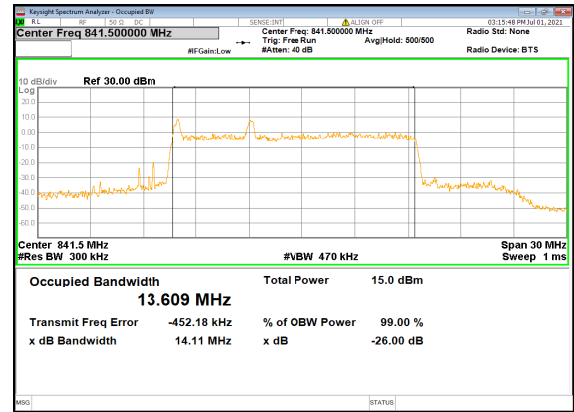




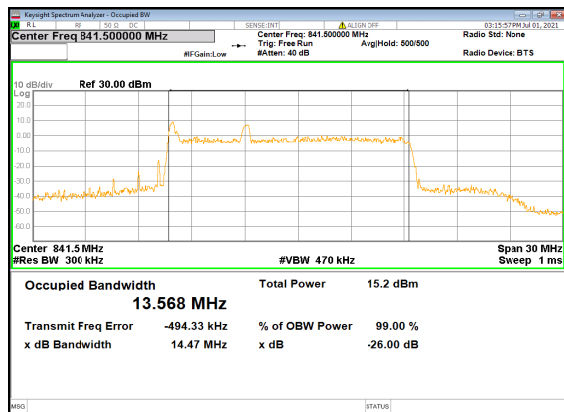
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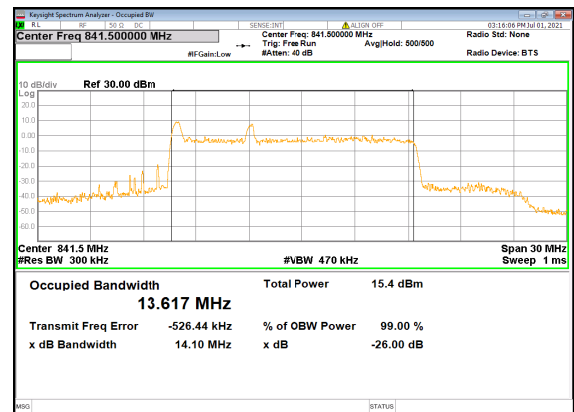
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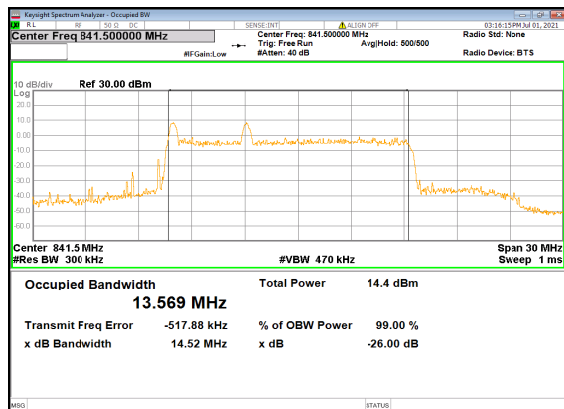
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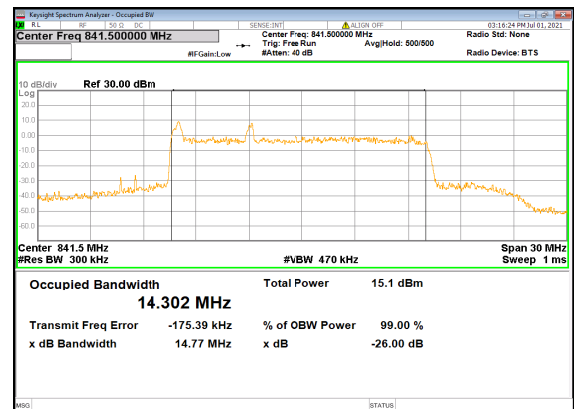
B7_N5(15M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



B7_N5(15M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

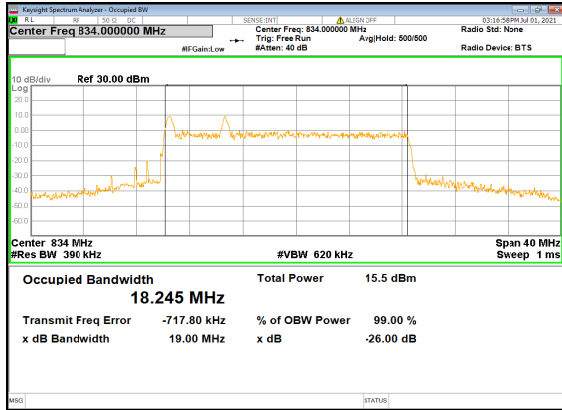


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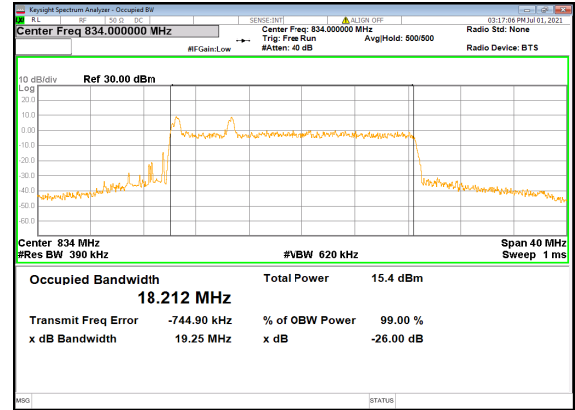




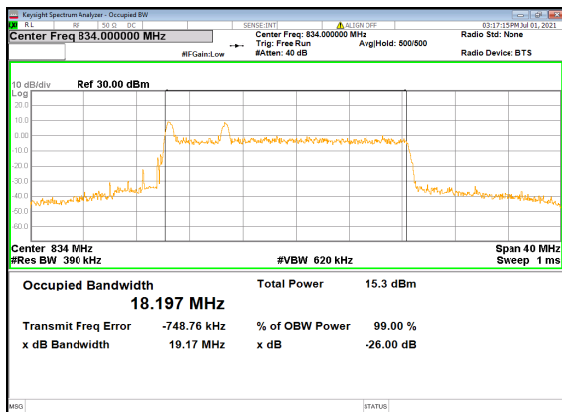
B7_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



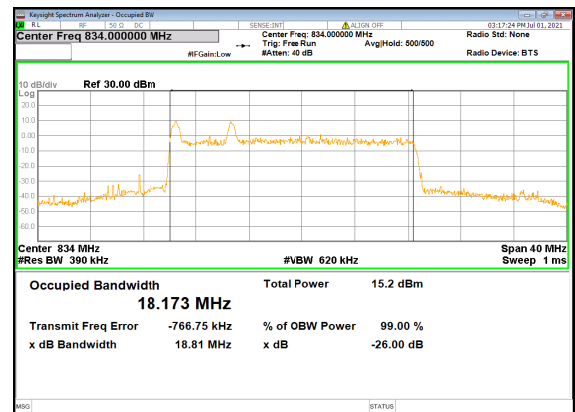
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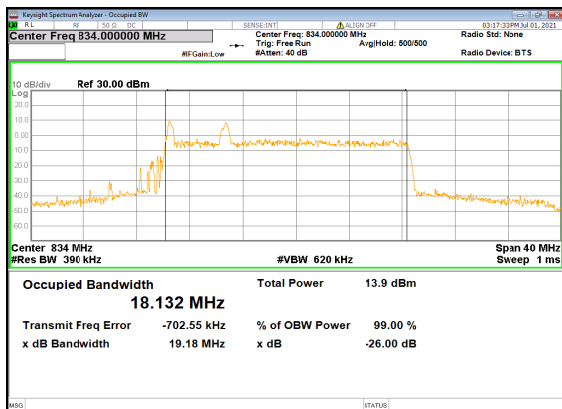
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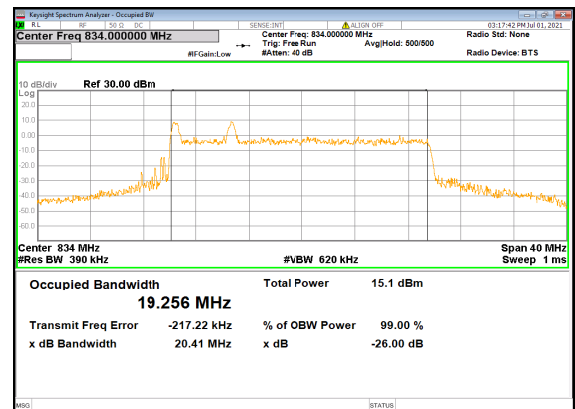
B7_N5(20M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



B7_N5(20M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

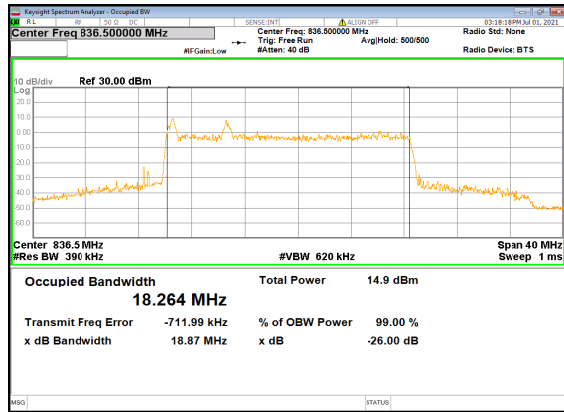


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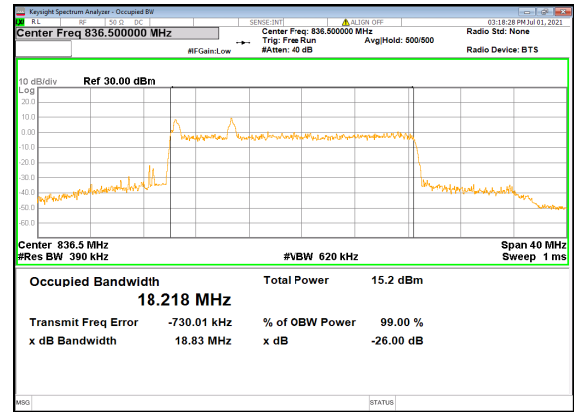




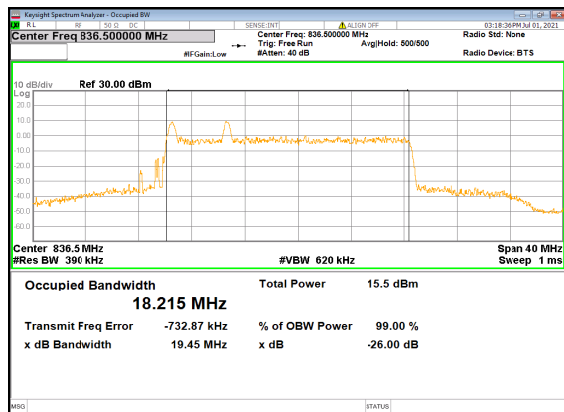
B7_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



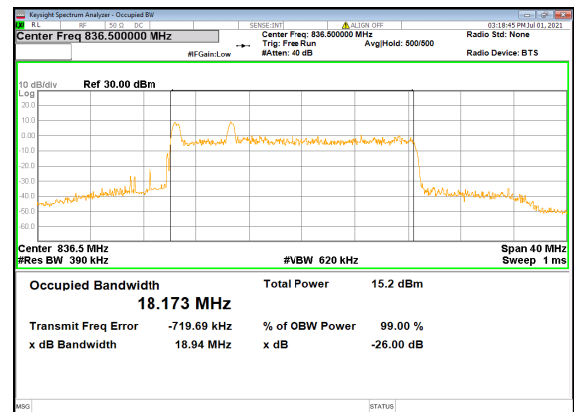
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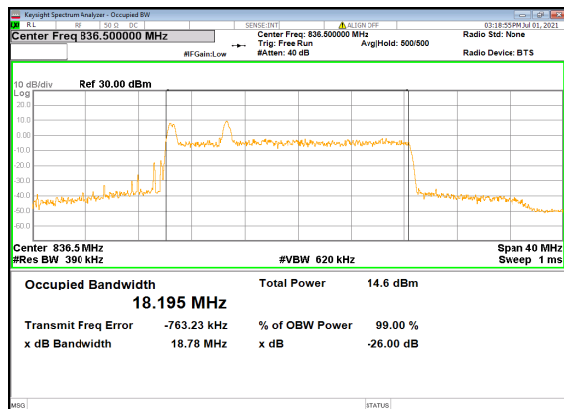
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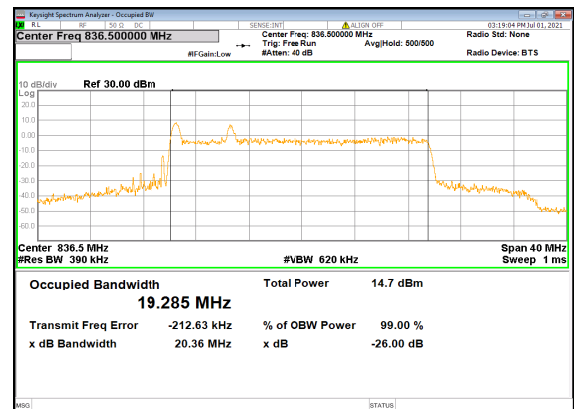
B7_N5(20M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



B7_N5(20M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

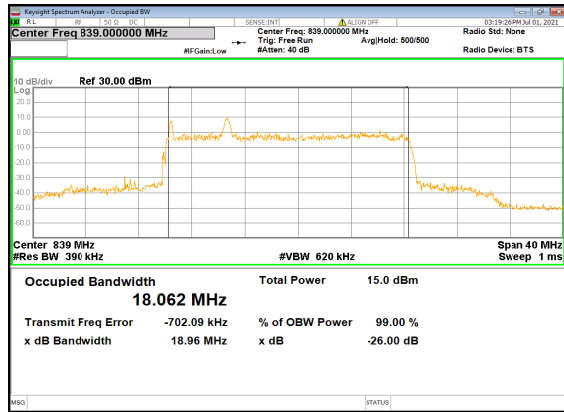


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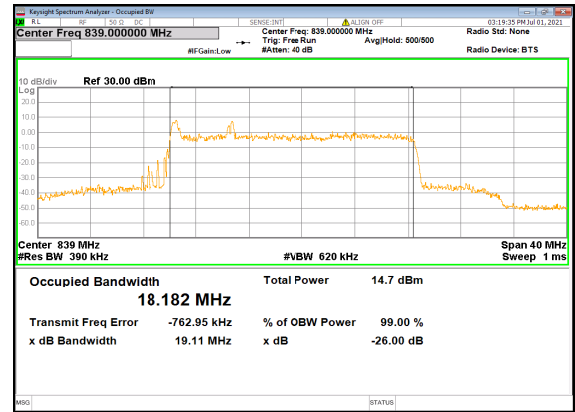




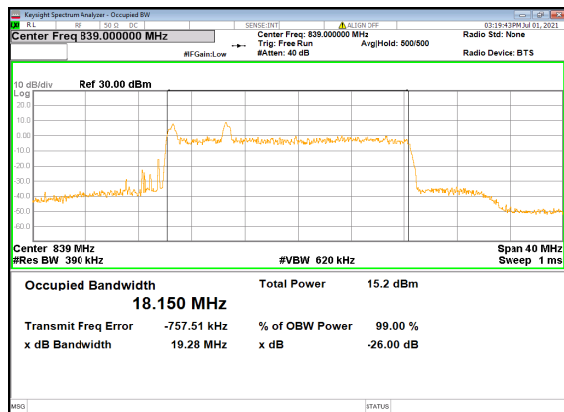
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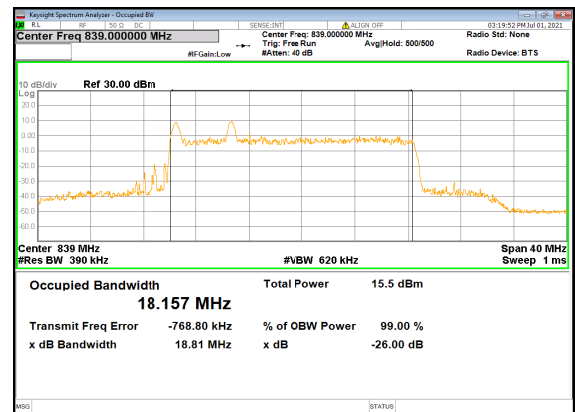
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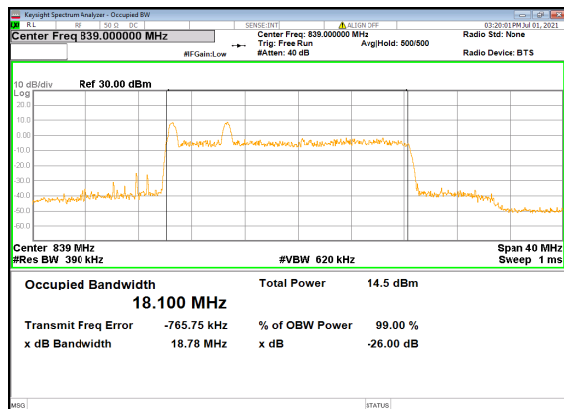
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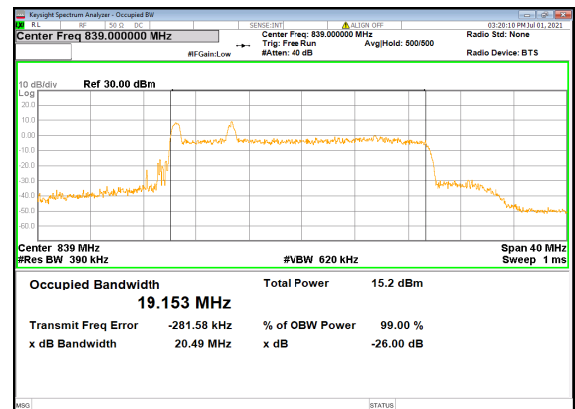
B7_N5(20M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



B7_N5(20M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

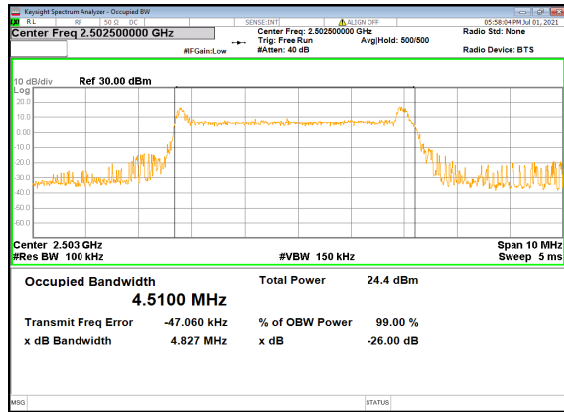


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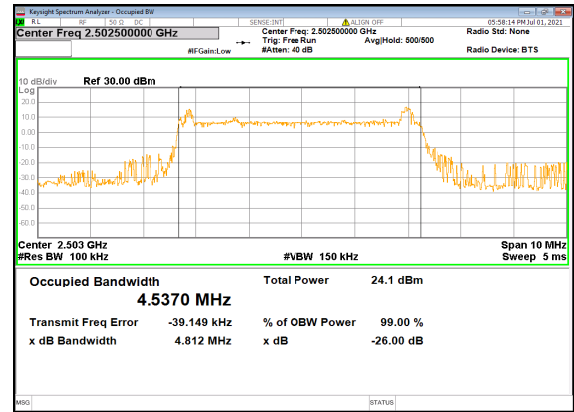




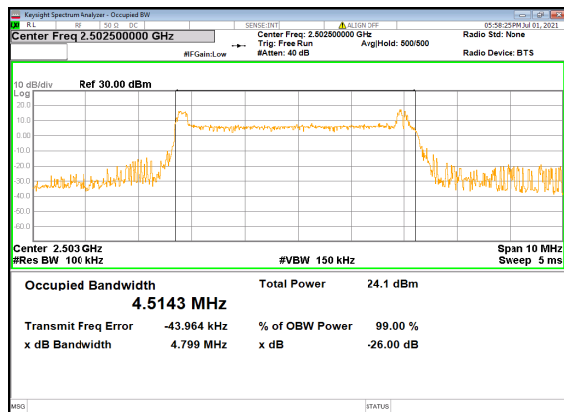
B2_N7(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



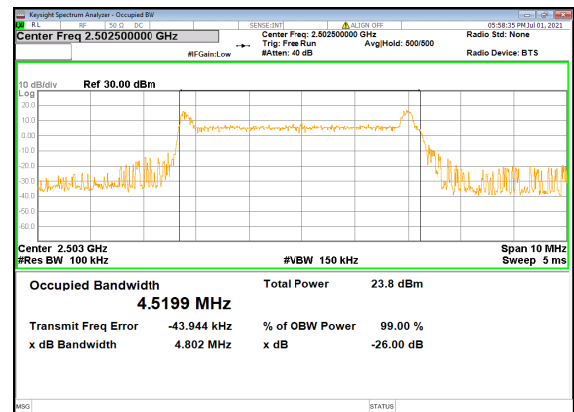
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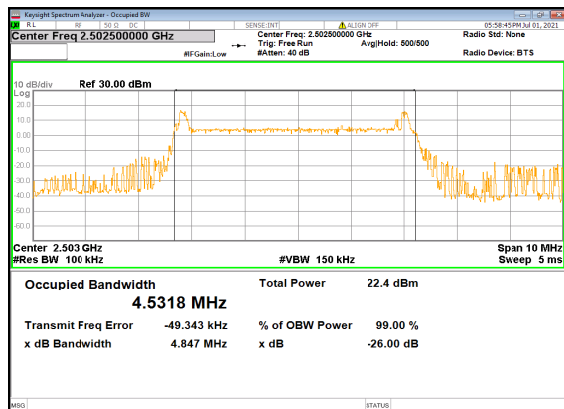
B2_N7(5M)_DFT-s-OFDM_16QAM_Outer_Full_Low_CH



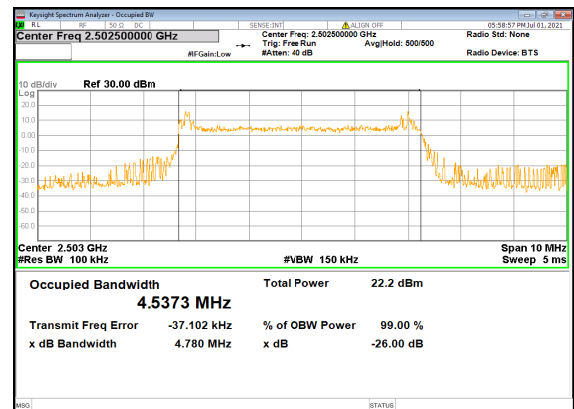
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B2_N7(5M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

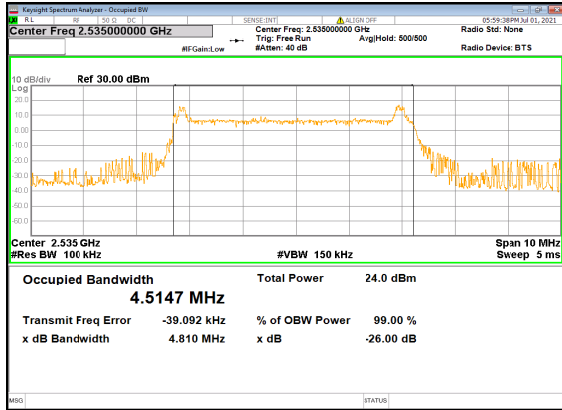


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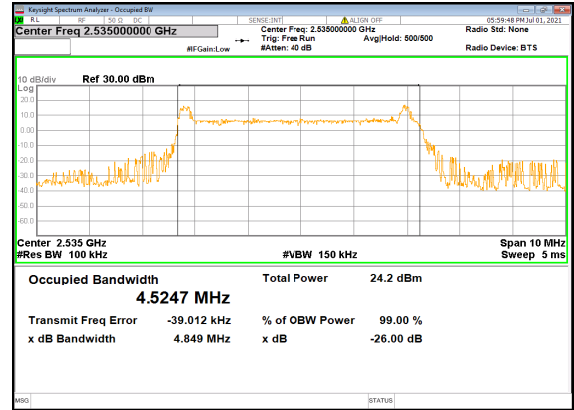




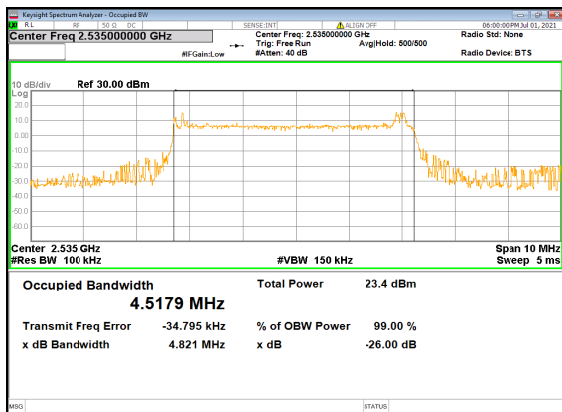
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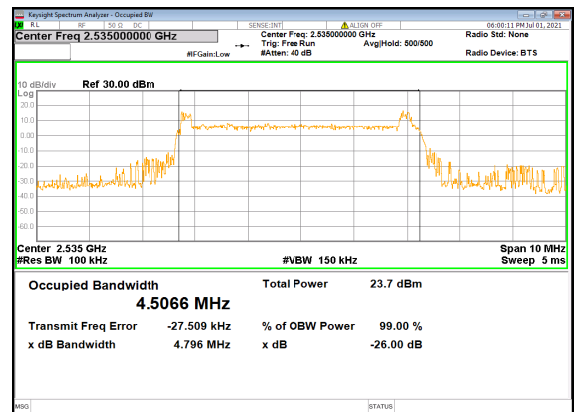
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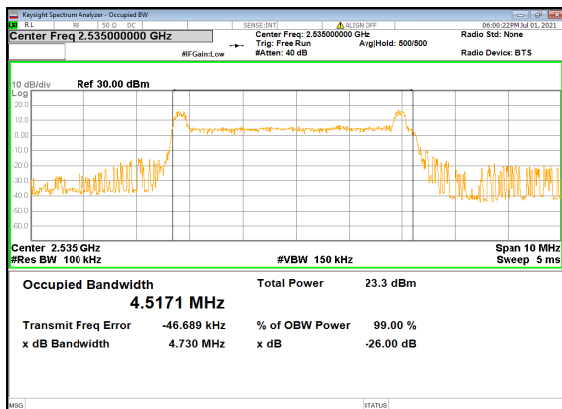
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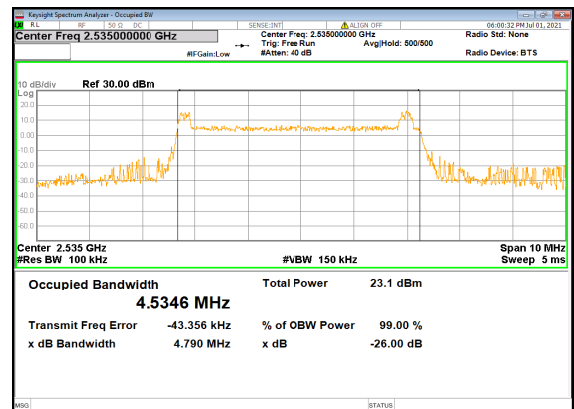
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B2_N7(5M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

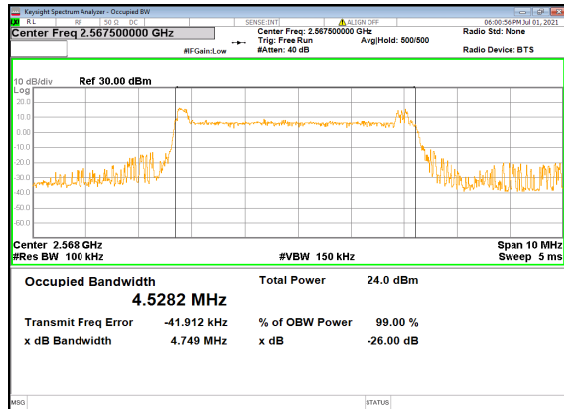


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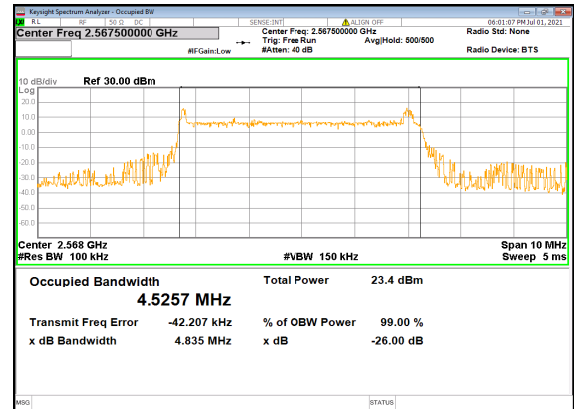




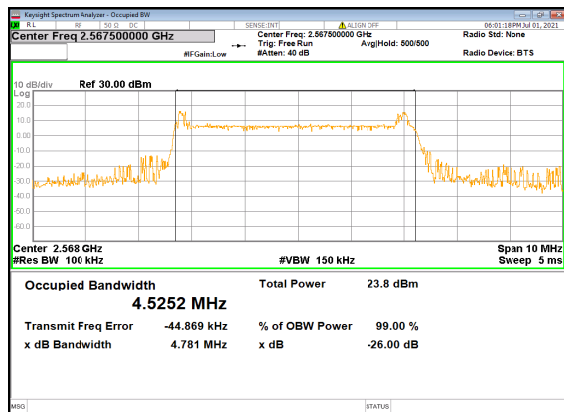
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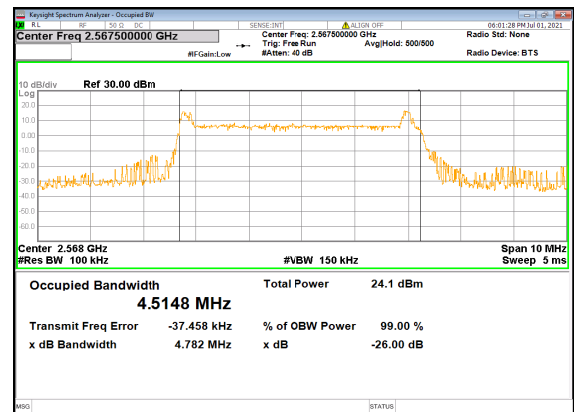
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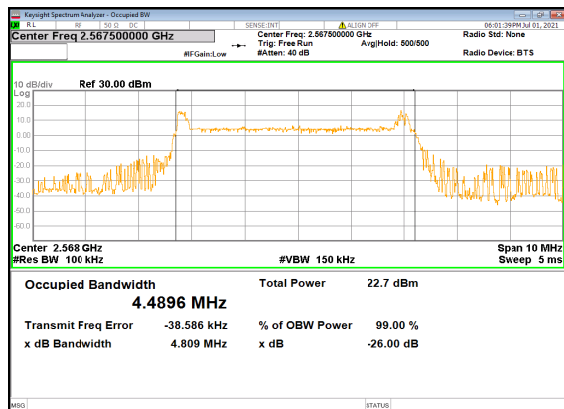
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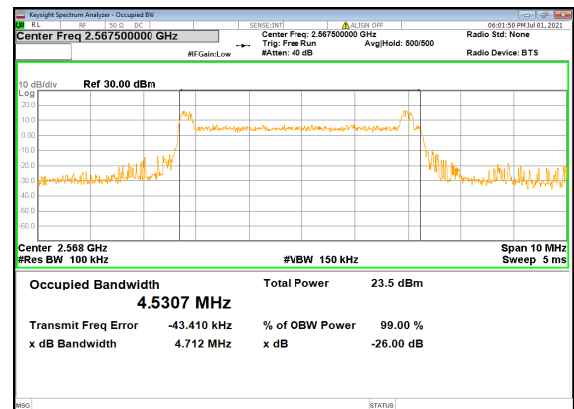
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B2_N7(5M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

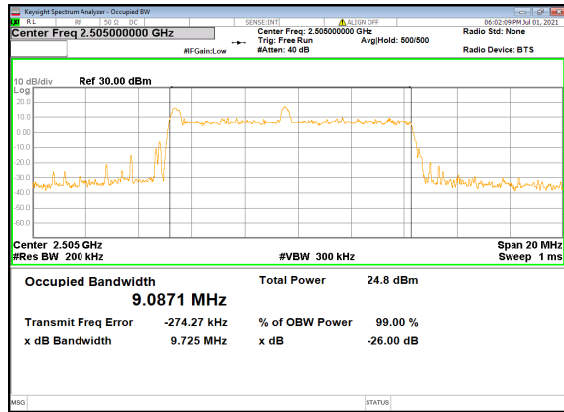


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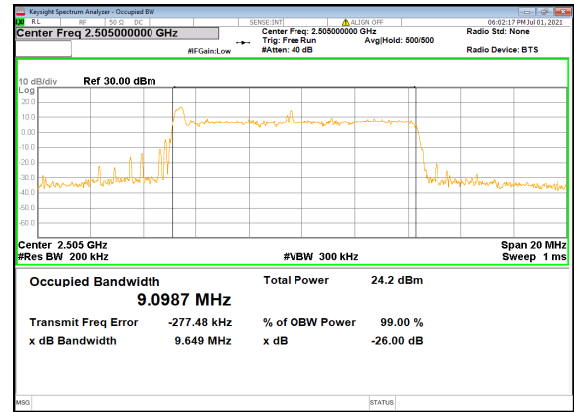




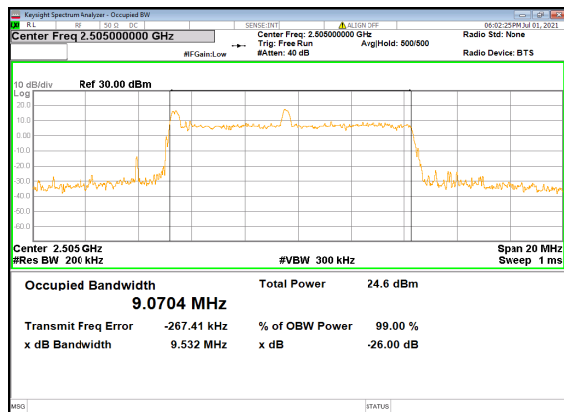
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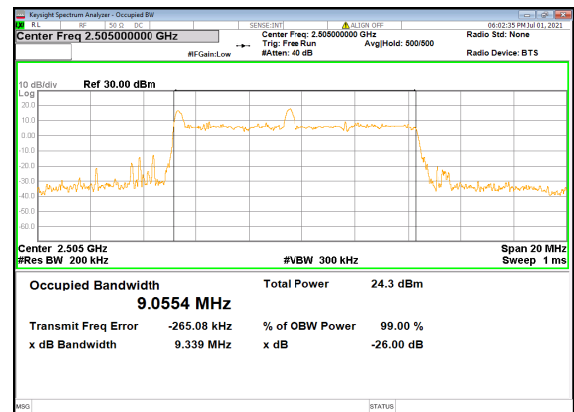
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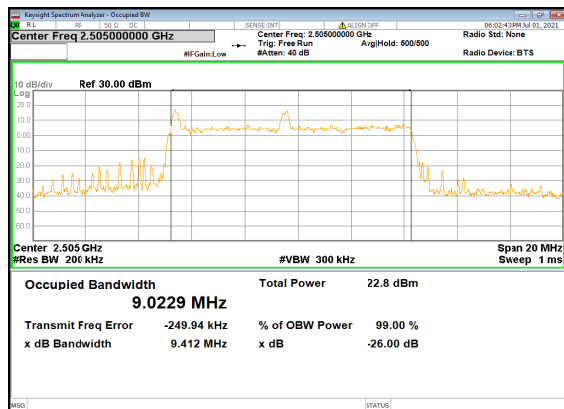
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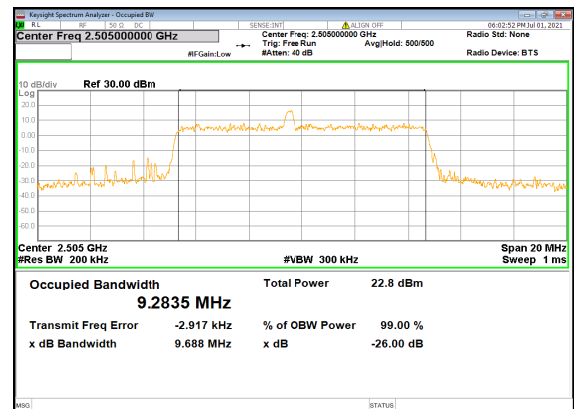
B2_N7(10M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



B2_N7(10M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

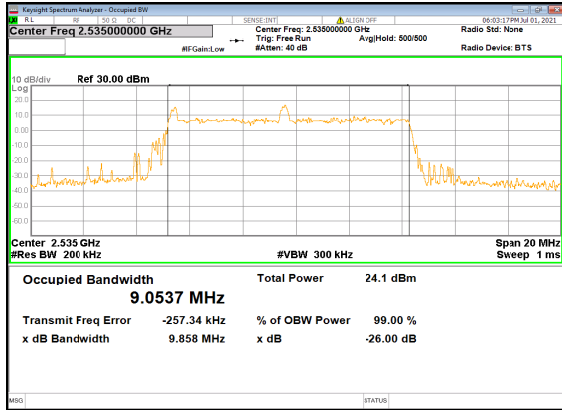


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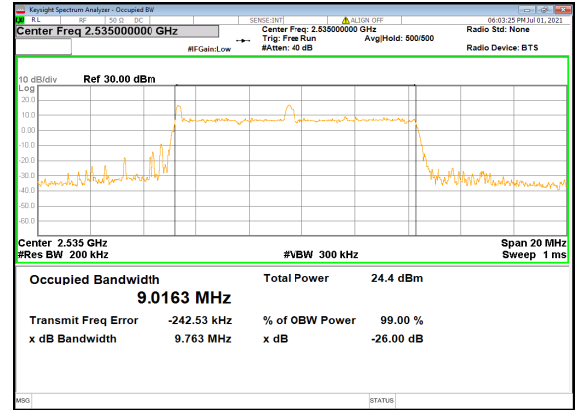




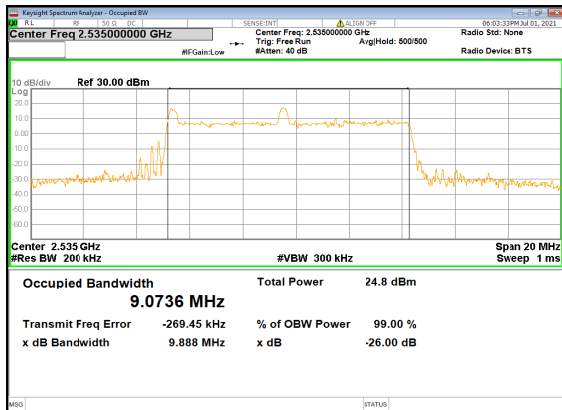
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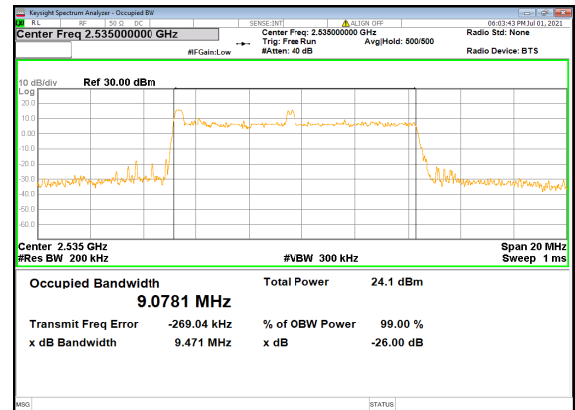
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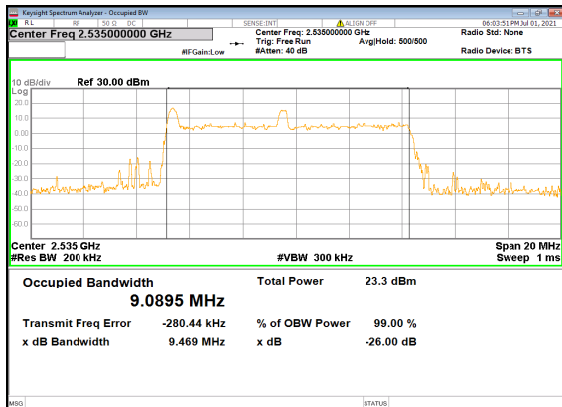
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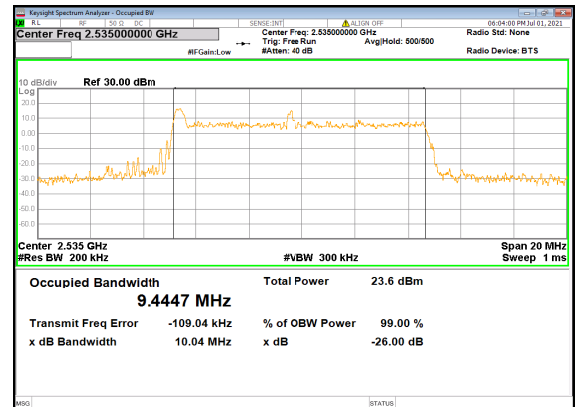
B2_N7(10M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



B2_N7(10M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

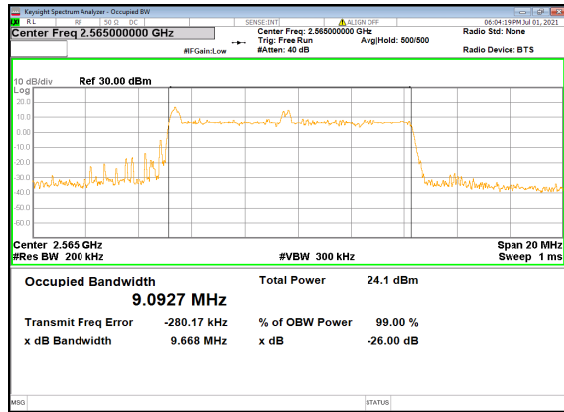


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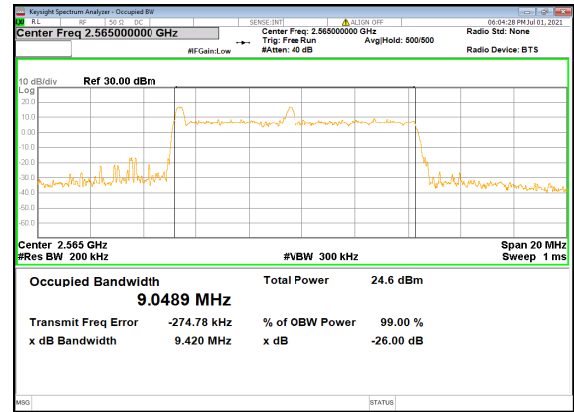




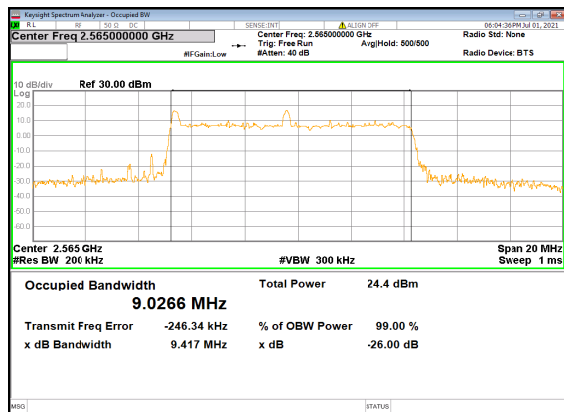
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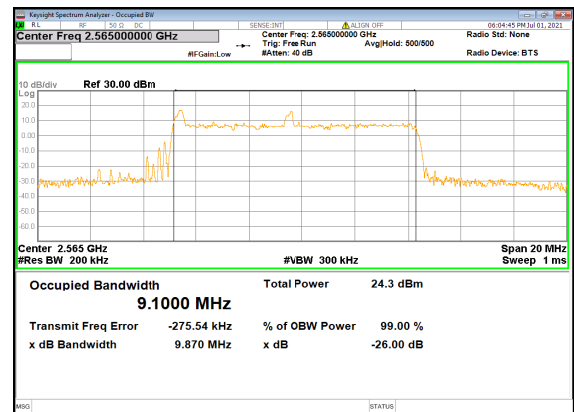
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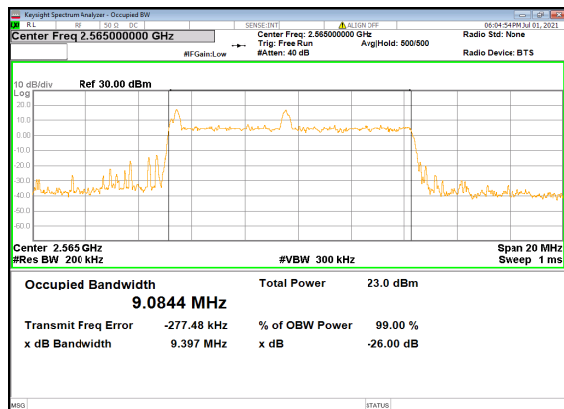
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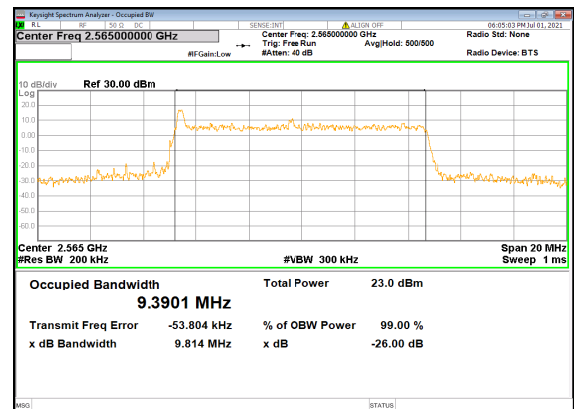
B2_N7(10M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



B2_N7(10M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

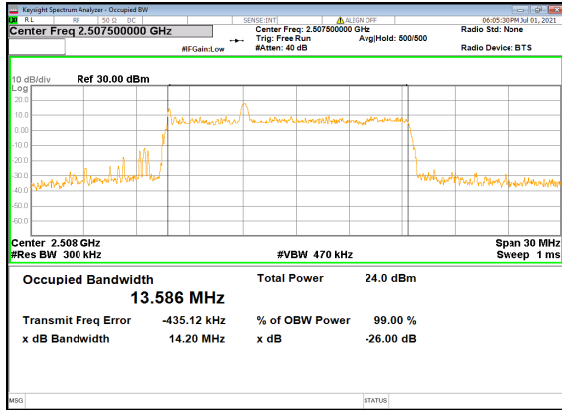


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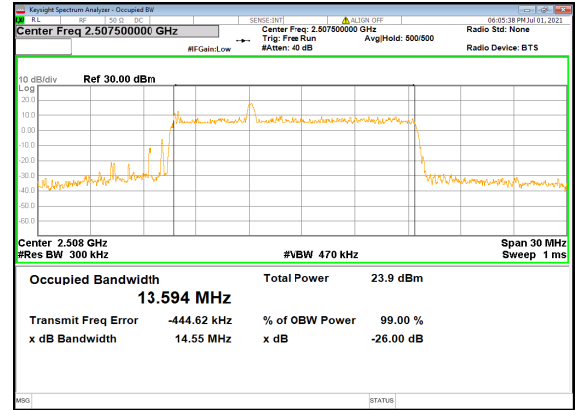




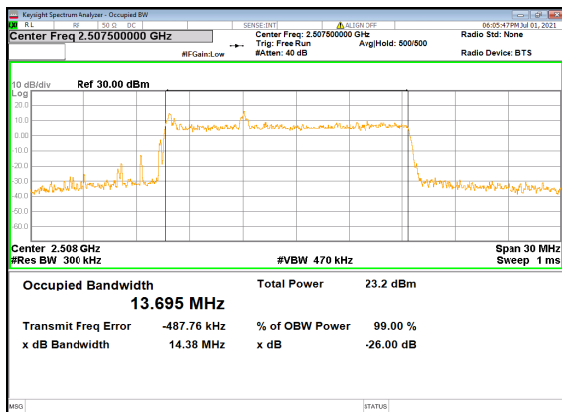
B2_N7(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



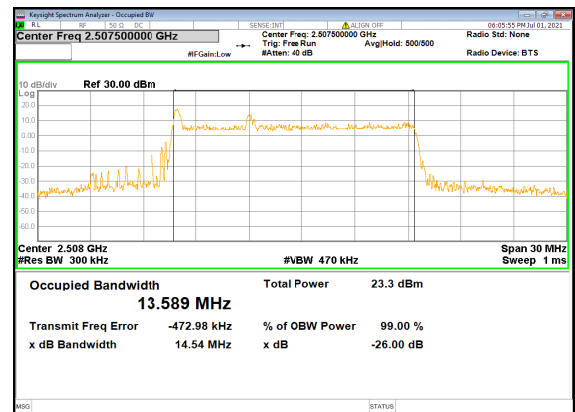
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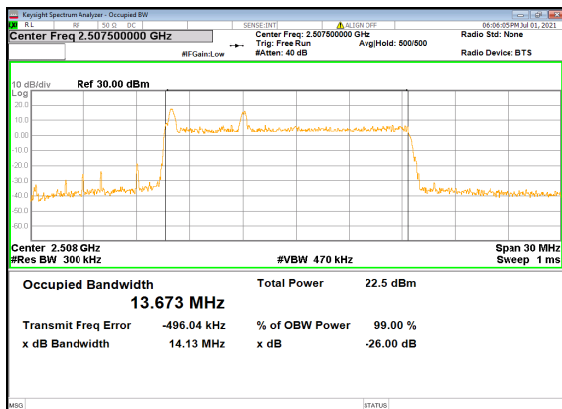
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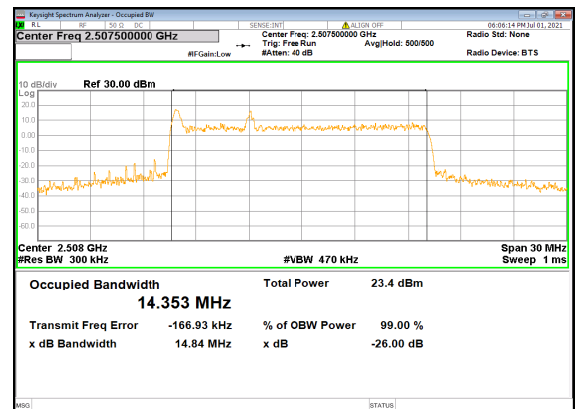
B2_N7(15M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



B2_N7(15M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

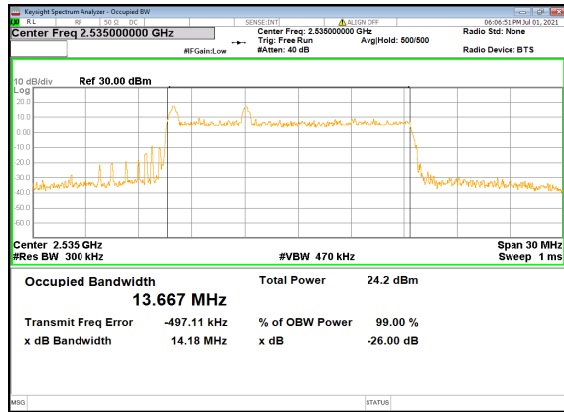


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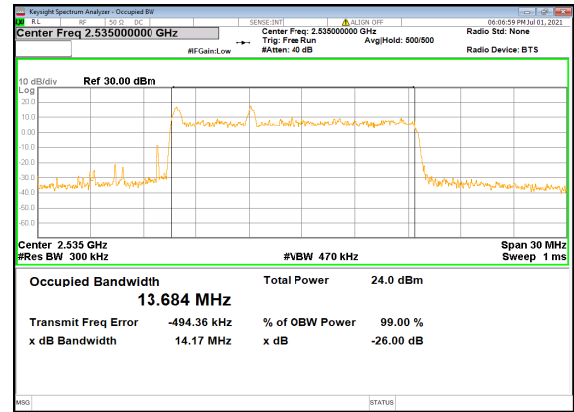




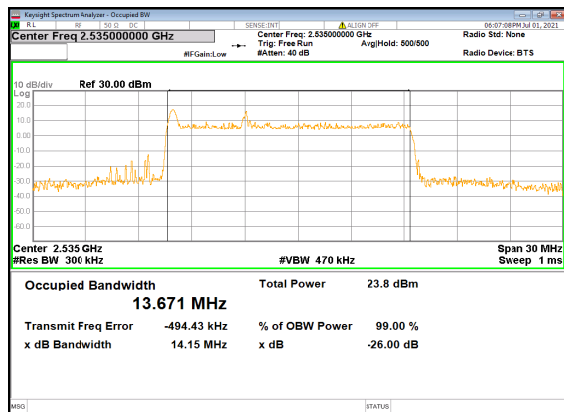
B2_N7(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



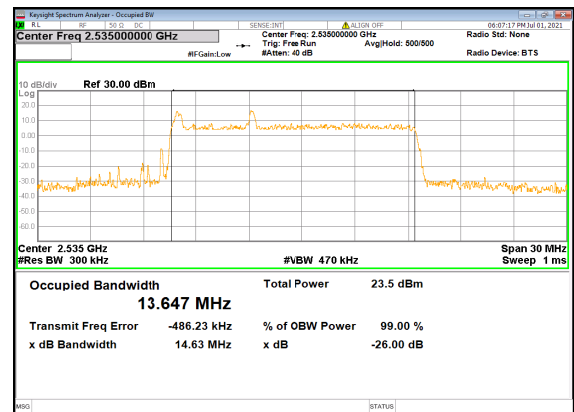
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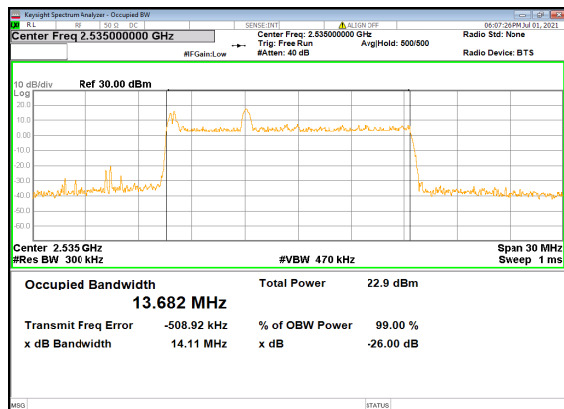
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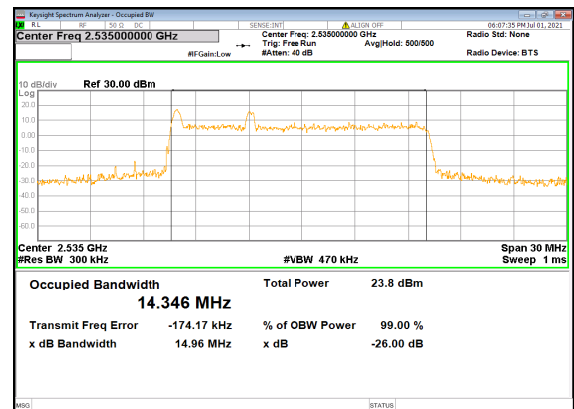
B2_N7(15M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



B2_N7(15M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

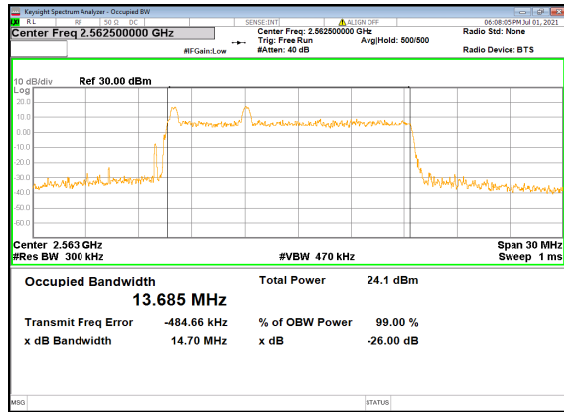


B2_N7(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

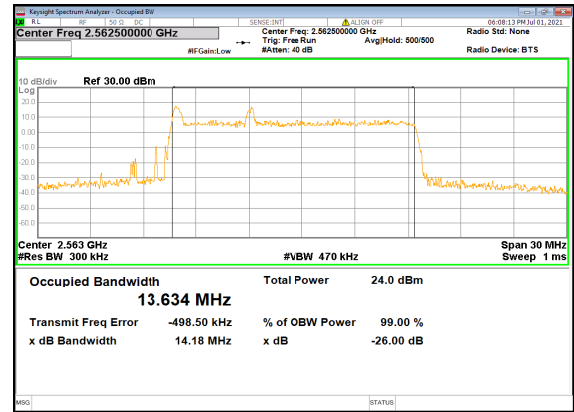




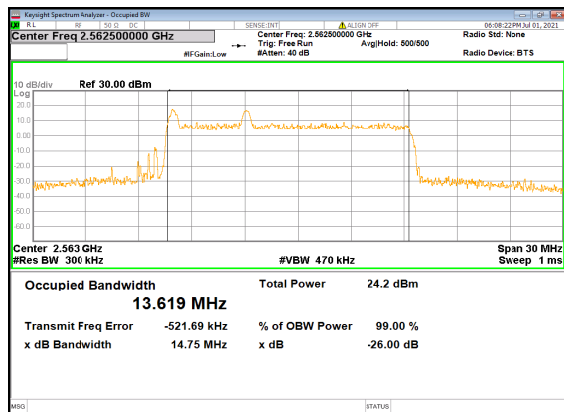
B2_N7(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



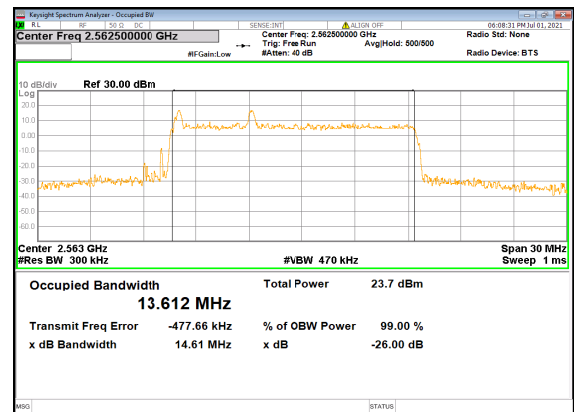
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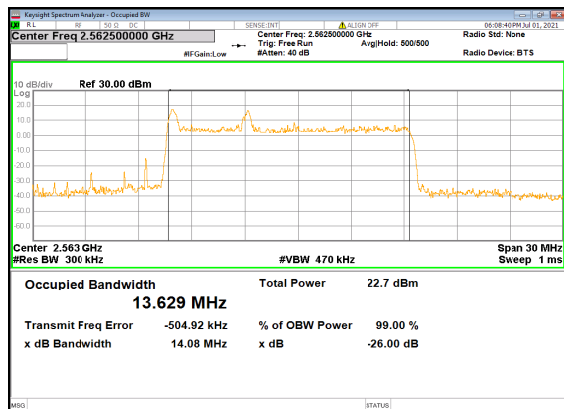
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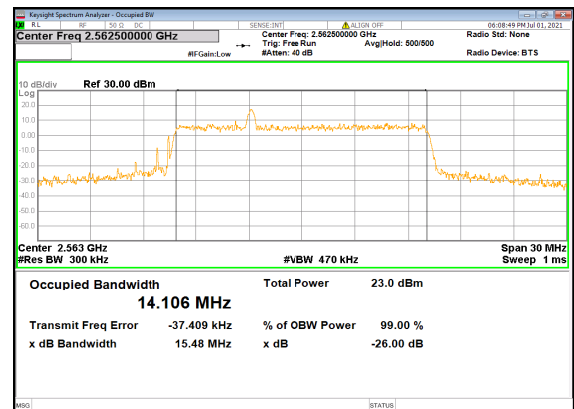
B2_N7(15M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



B2_N7(15M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

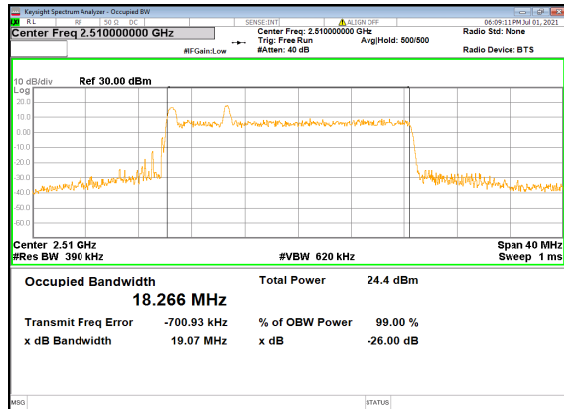


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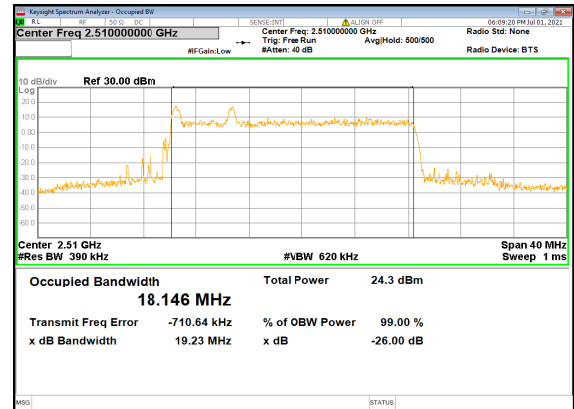




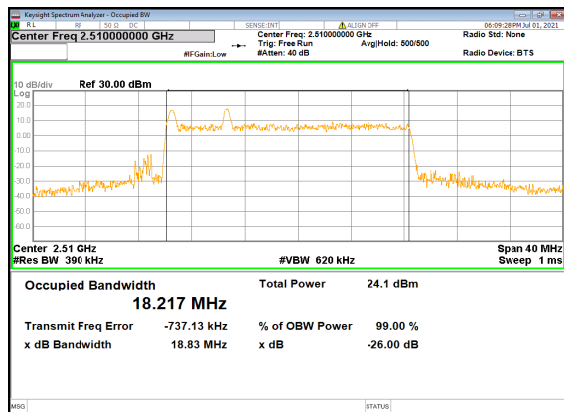
B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



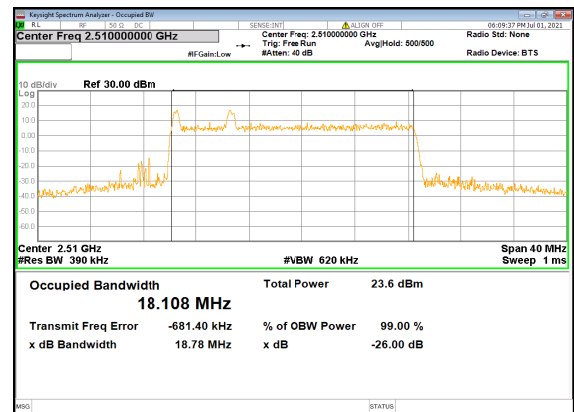
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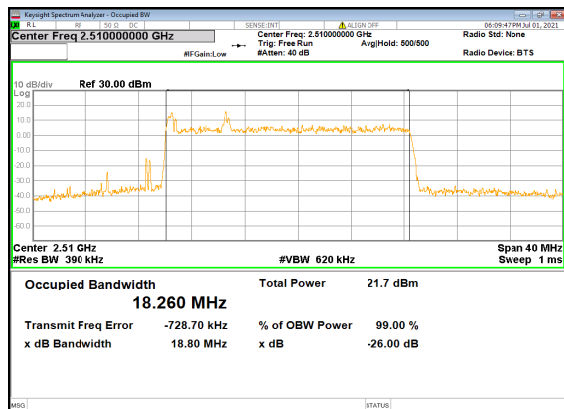
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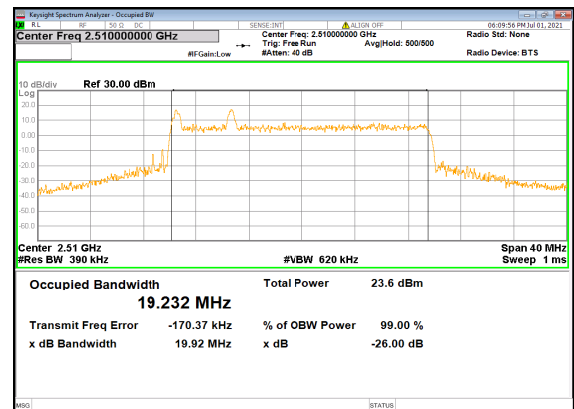
B2_N7(20M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



B2_N7(20M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

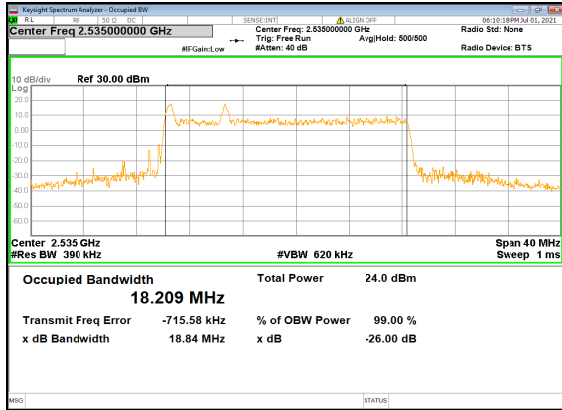


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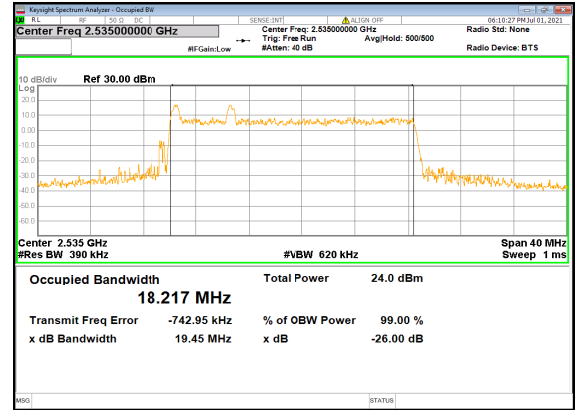




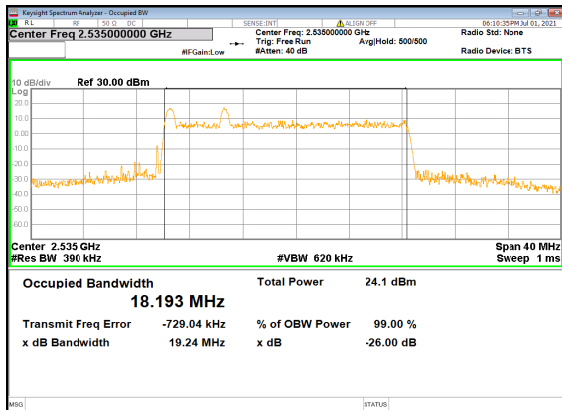
B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



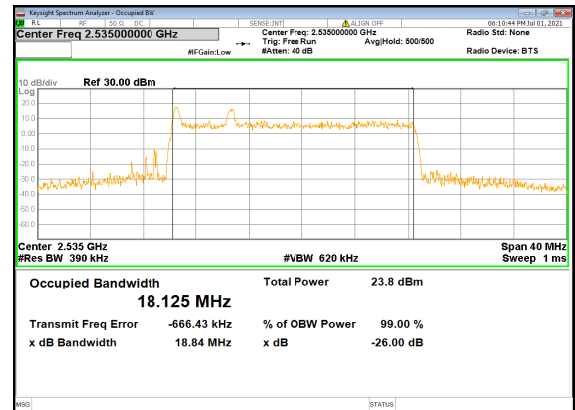
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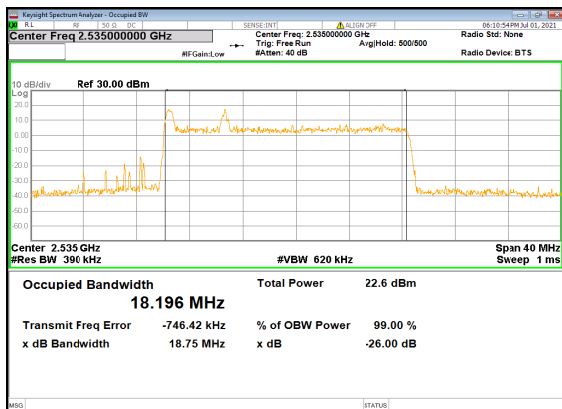
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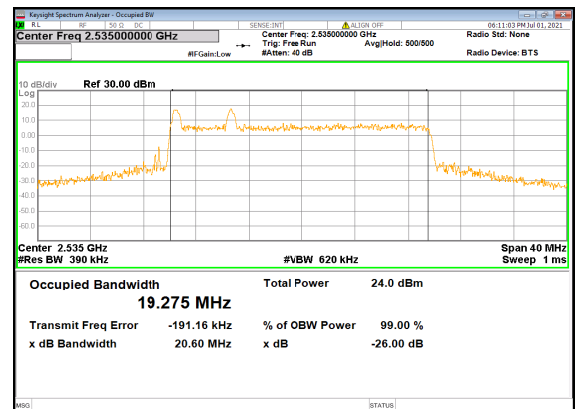
B2_N7(20M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



B2_N7(20M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

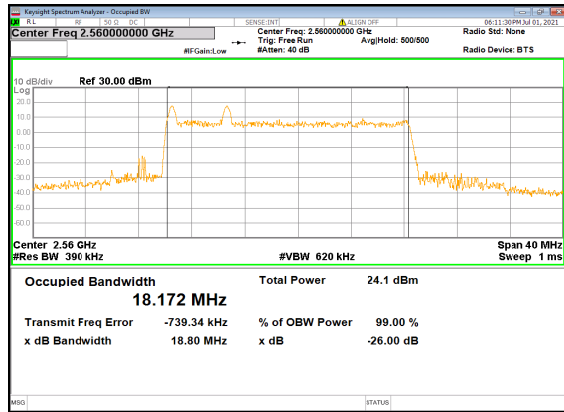


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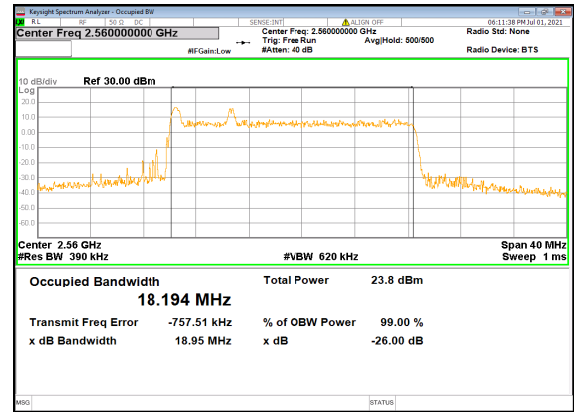




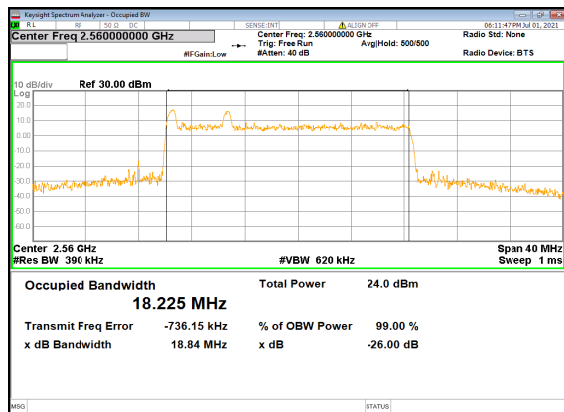
B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



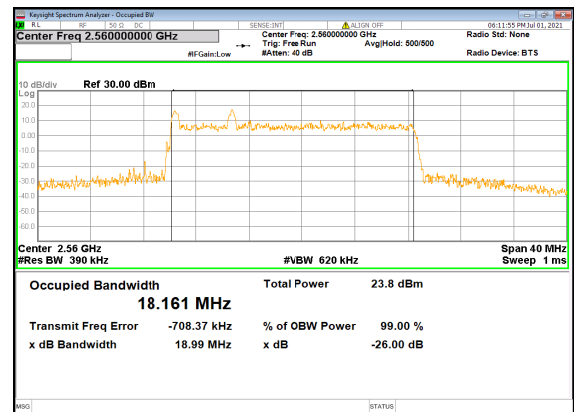
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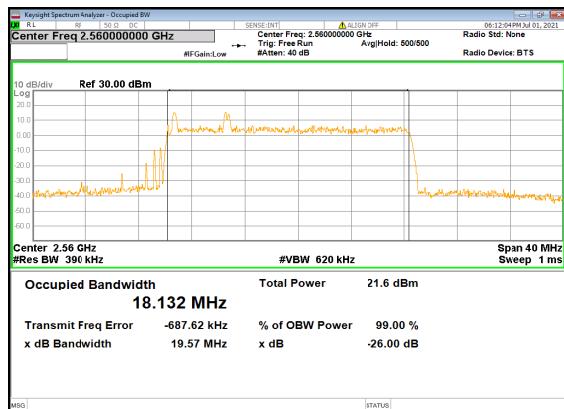
B2_N7(20M)_DFT-s-OFDM_16QAM_Outer_Full_High_CH



B2_N7(20M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



B2_N7(20M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH



B2_N7(20M)_CP-OFDM_QPSK_Outer_Full_High_CH

