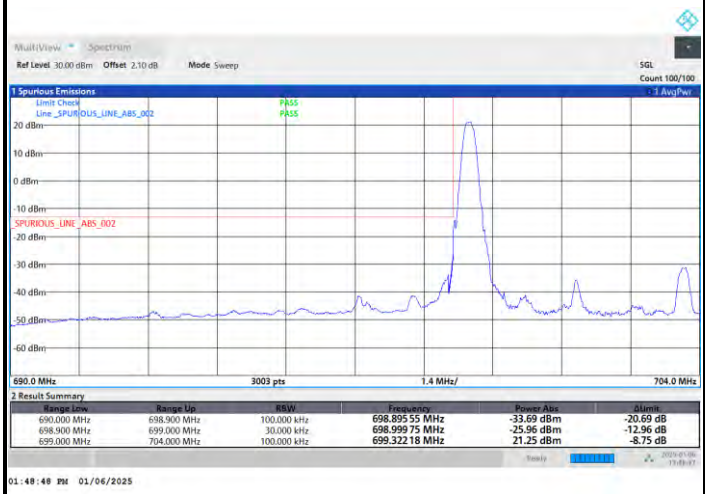
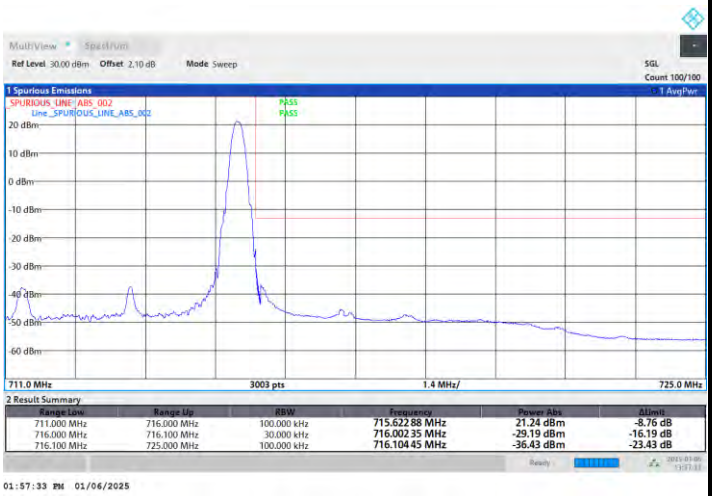
Conducted Band Edge

FR1 n12 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

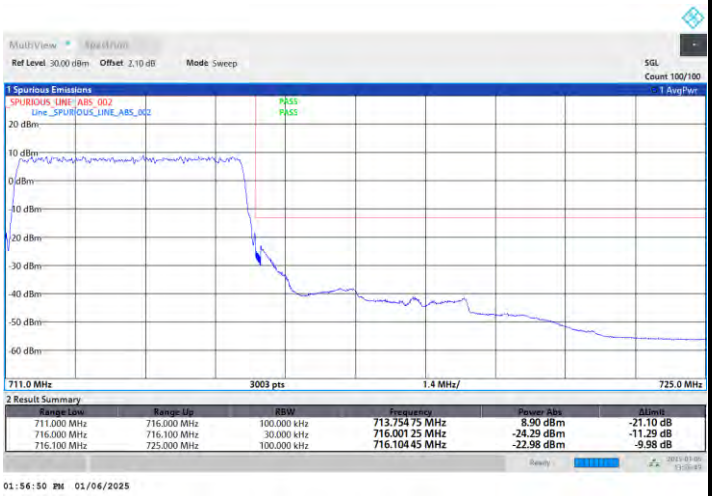


Highest Band Edge / 1RBmax



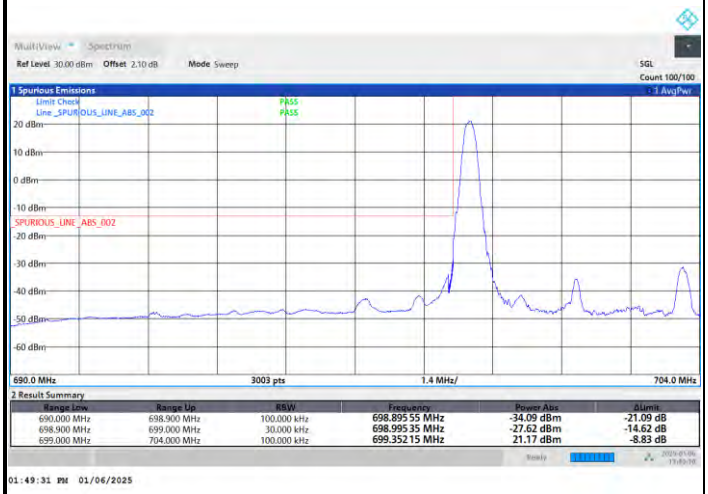
Lowest Band Edge / Full RB

Highest Band Edge / Full RB

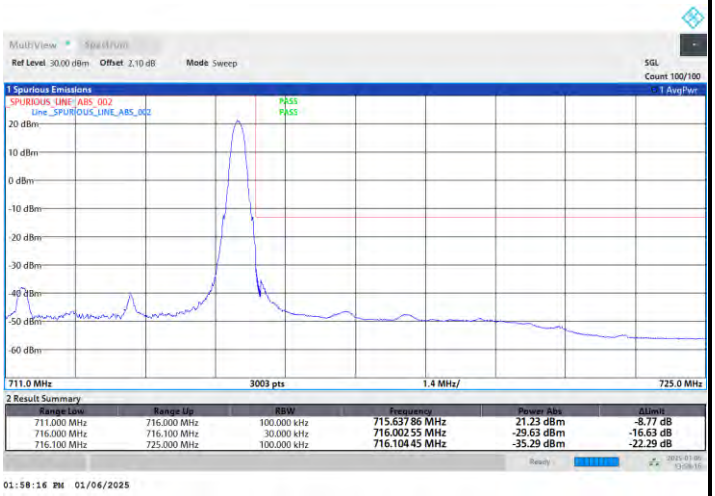


FR1 n12 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax

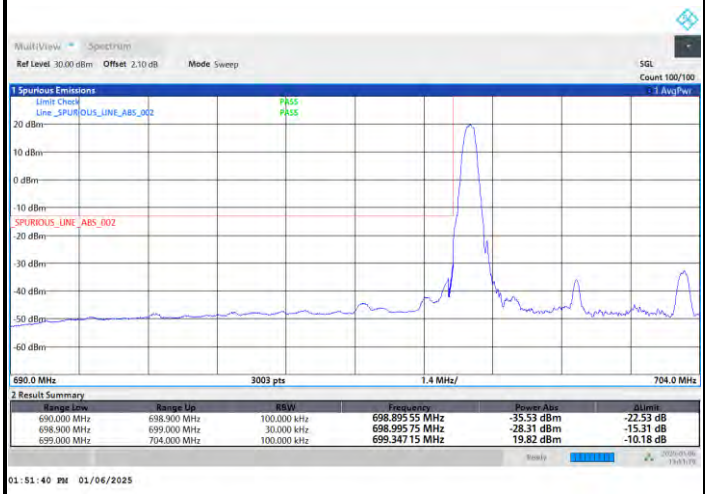


Lowest Band Edge / Full RB

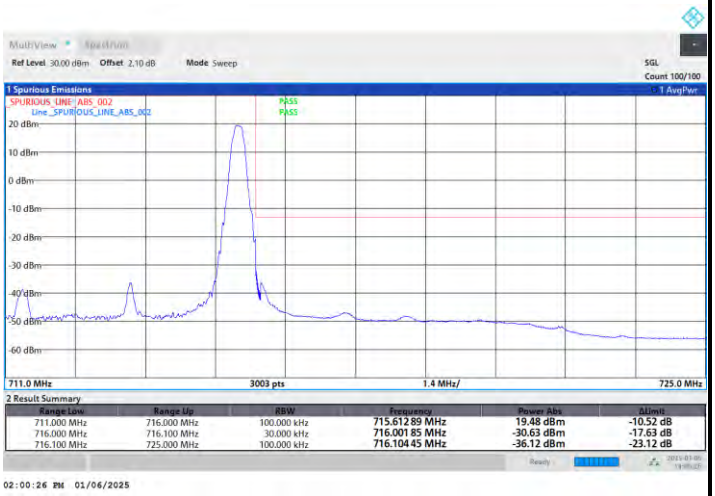
Highest Band Edge / Full RB

FR1 n12 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax

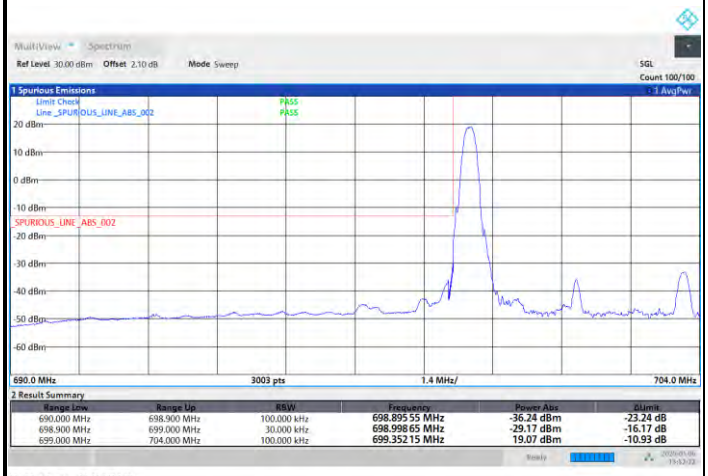


Lowest Band Edge / Full RB

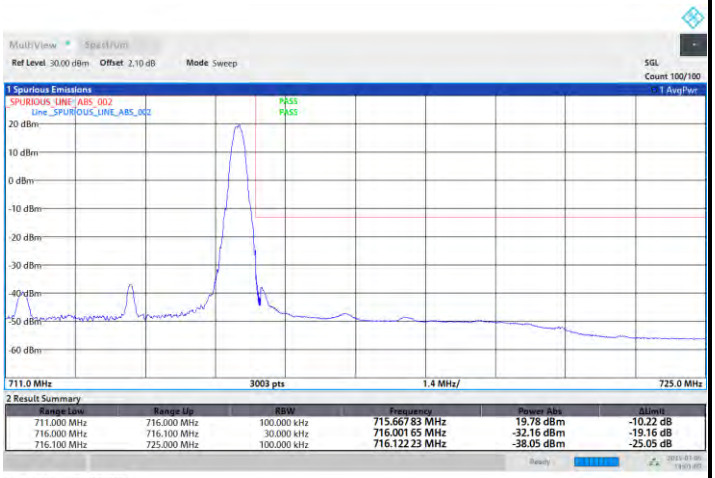
Highest Band Edge / Full RB

FR1 n12 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax

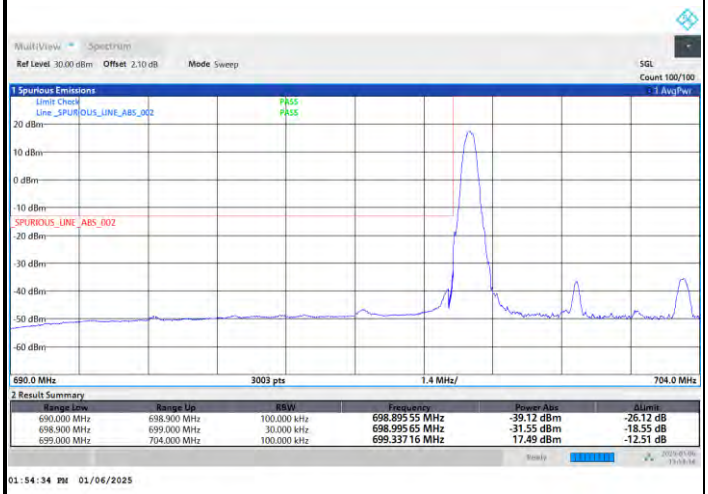


Lowest Band Edge / Full RB

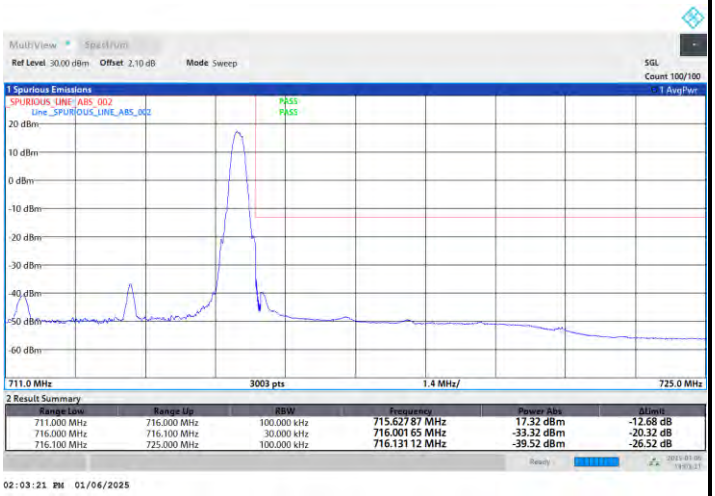
Highest Band Edge / Full RB

FR1 n12 / 5MHz / DFT-S OFDM / 256QAM

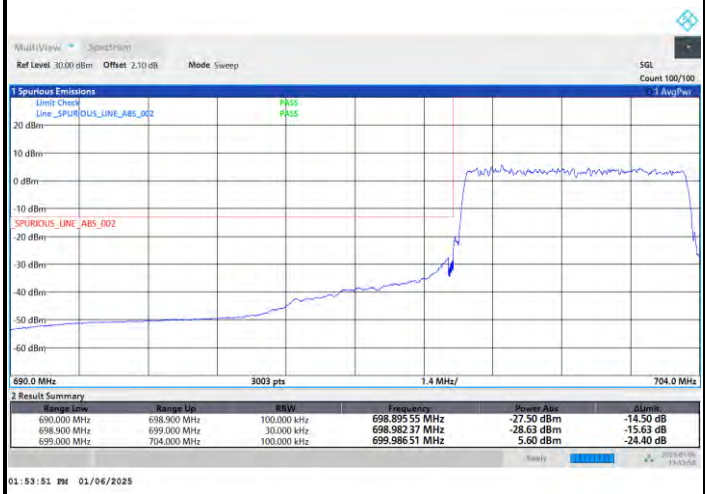
Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax

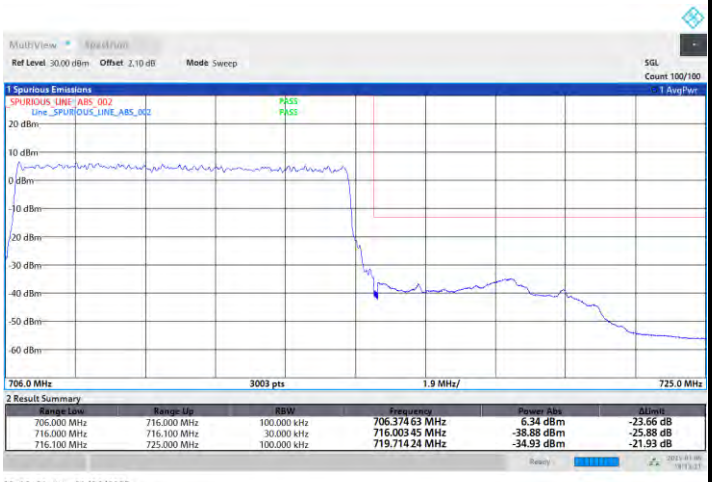


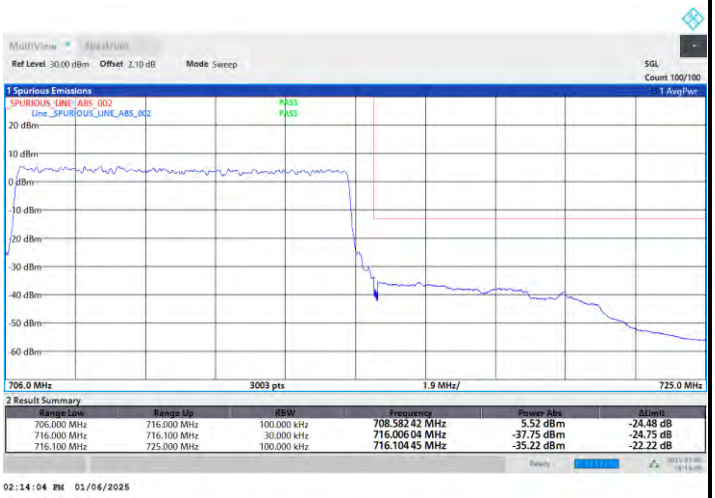
Lowest Band Edge / Full RB



Highest Band Edge / Full RB

FR1 n12 / 5MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**

FR1 n12 / 10MHz / DFT-s-OFDM / PI/2 BPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

FR1 n12 / 10MHz / DFT-s-OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

FR1 n12 / 10MHz / DFT-s-OFDM / 16QAM / Full RB

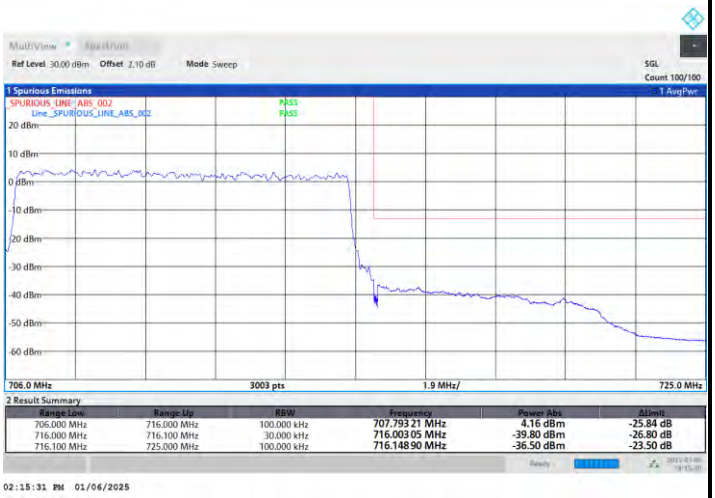
Lowest Band Edge

Highest Band Edge

FR1 n12 / 10MHz / DFT-s-OFDM / 64QAM / Full RB

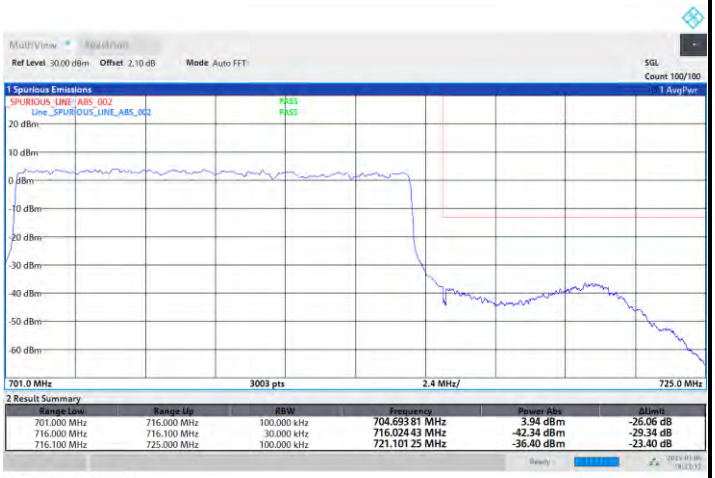
Lowest Band Edge

Highest Band Edge



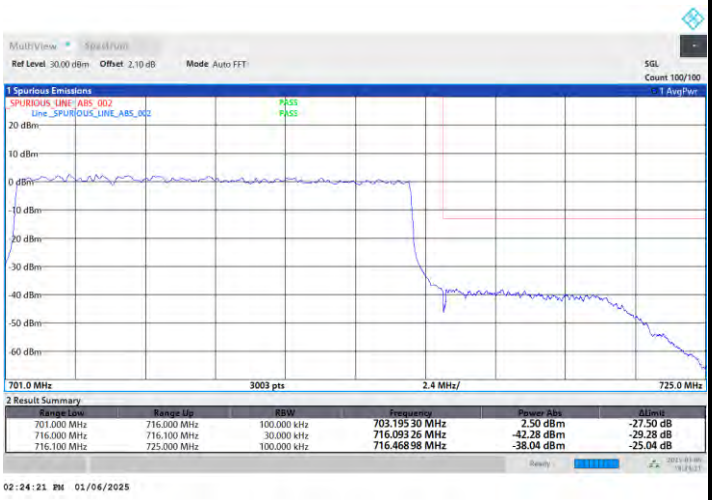
FR1 n12 / 10MHz / DFT-s-OFDM / 256QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**

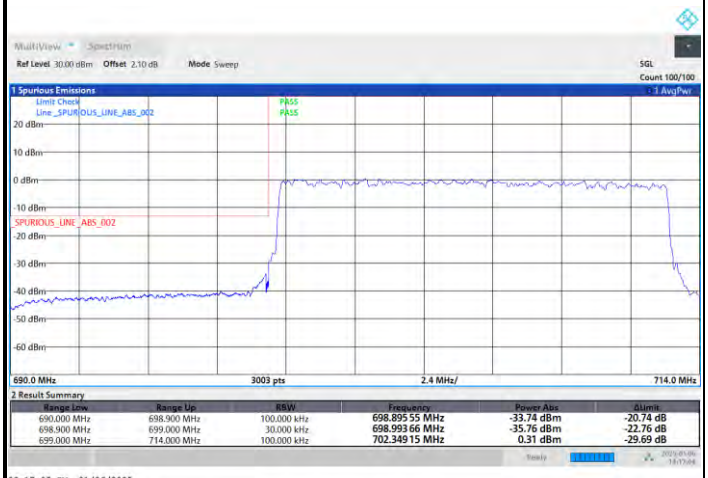
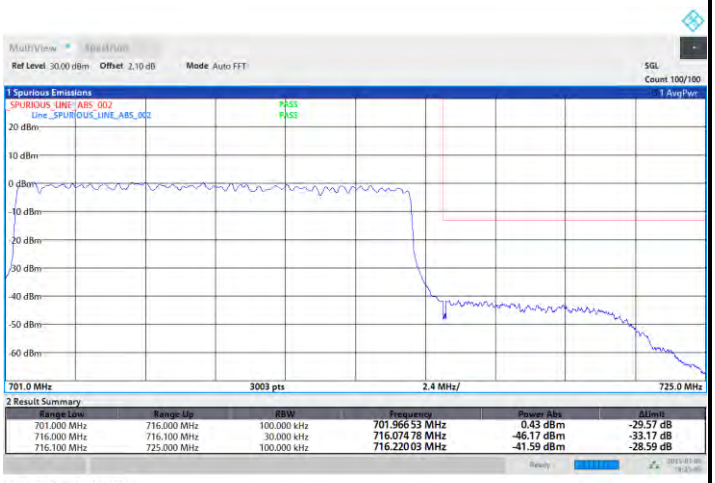
FR1 n12 / 10MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**

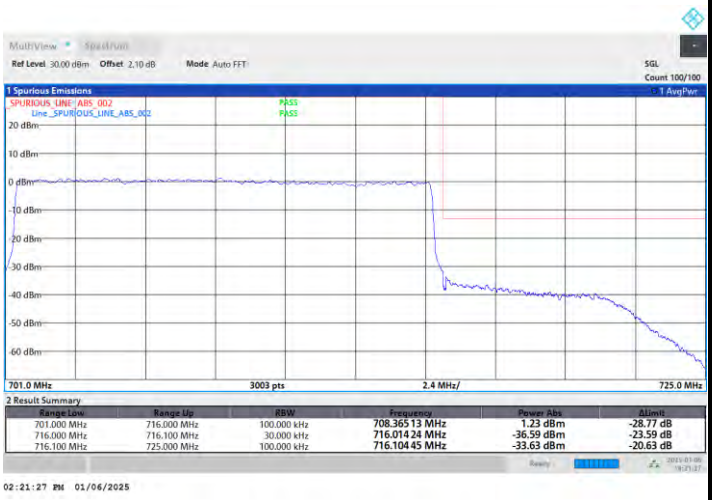
FR1 n12 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

FR1 n12 / 15MHz / DFT-s-OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**

FR1 n12 / 15MHz / DFT-s-OFDM / 16QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**

FR1 n12 / 15MHz / DFT-s-OFDM / 64QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

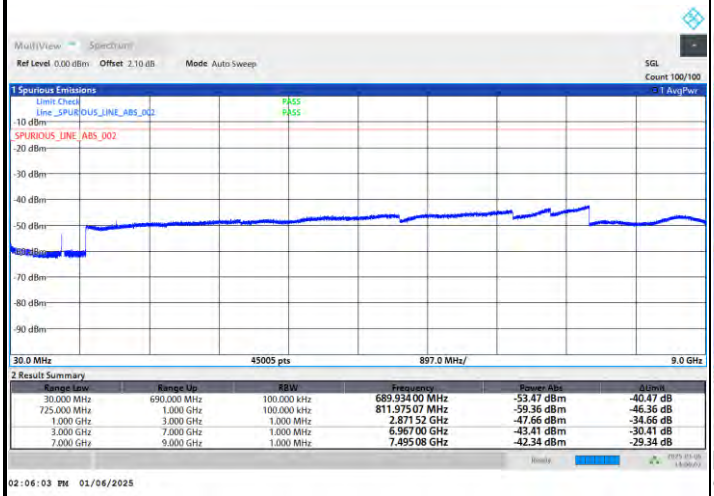
FR1 n12 / 15MHz / DFT-s-OFDM / 256QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

FR1 n12 / 15MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

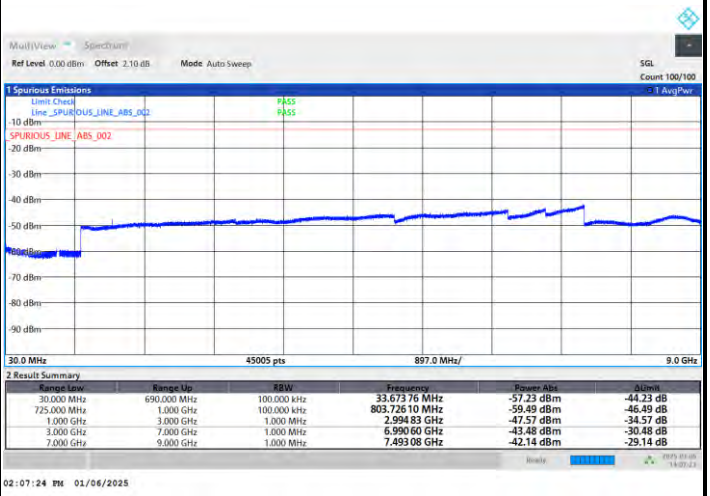
Conducted Spurious Emission

FR1 n12 / 5MHz / DFT-S OFDM / QPSK / 1RB1

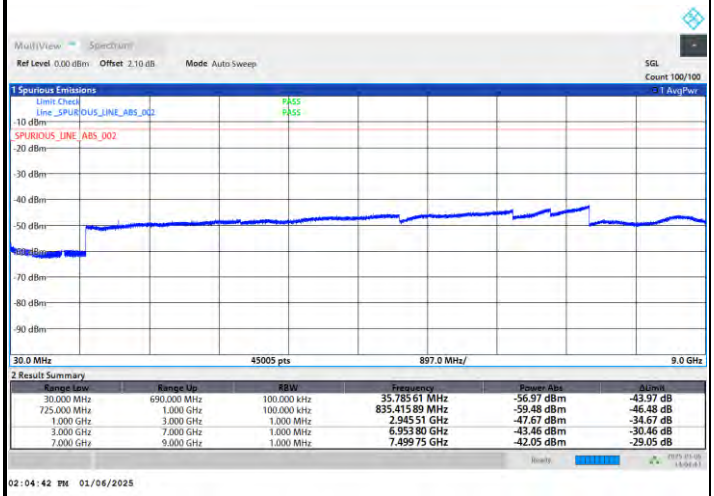
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n12 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0161	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0083	
0	Normal Voltage	0.0155	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0117	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0189	
20	Minimum Voltage	0.0034	

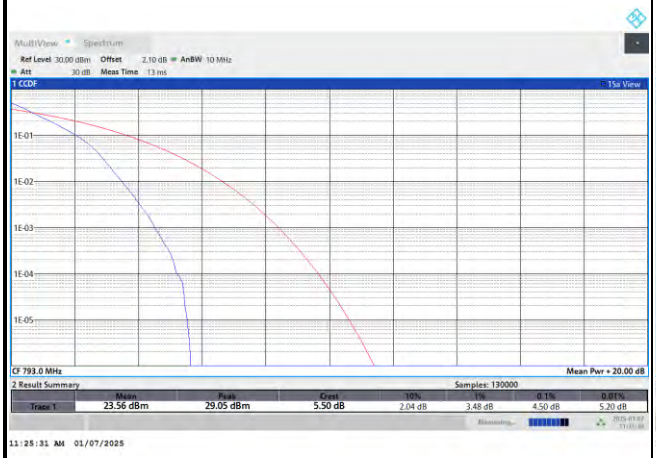
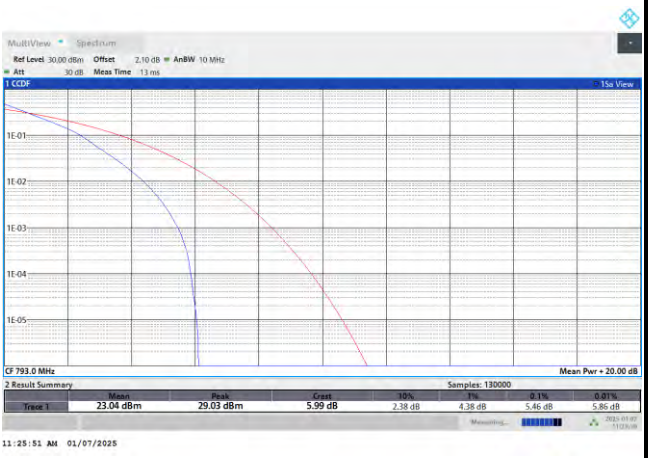
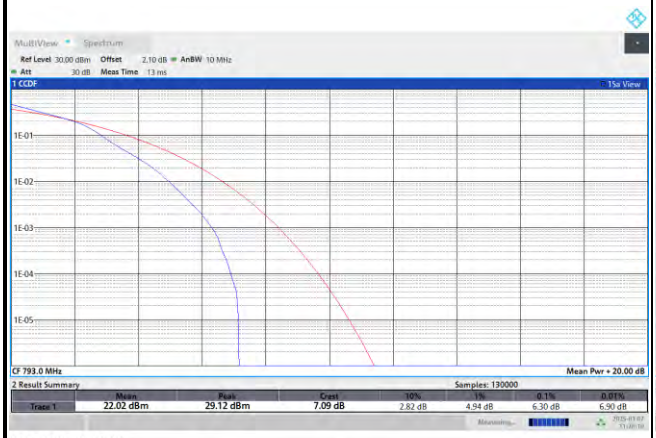
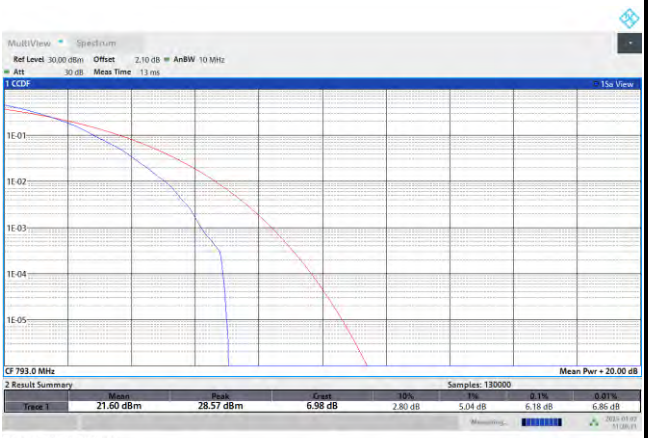
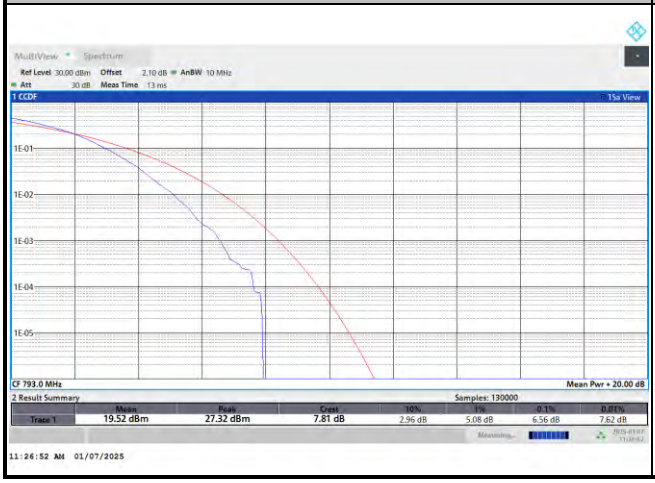
Note:

1. Normal Voltage = 3.9 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

FR1 n14

Peak-to-Average Ratio

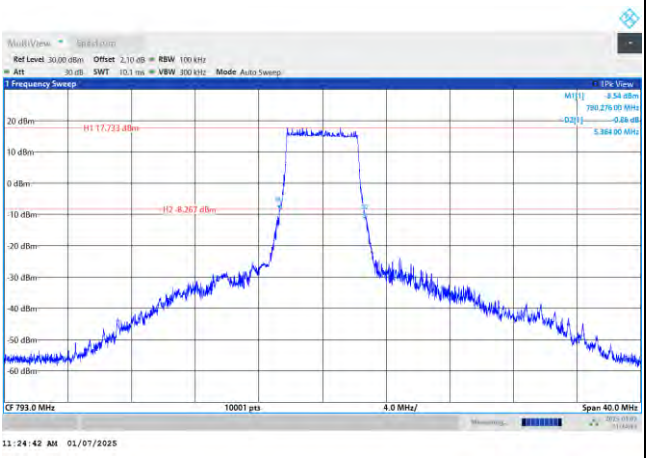
Mode	FR1 n14 / 10MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.50	5.46	6.30	6.18	PASS
Mode	FR1 n14 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.56				PASS

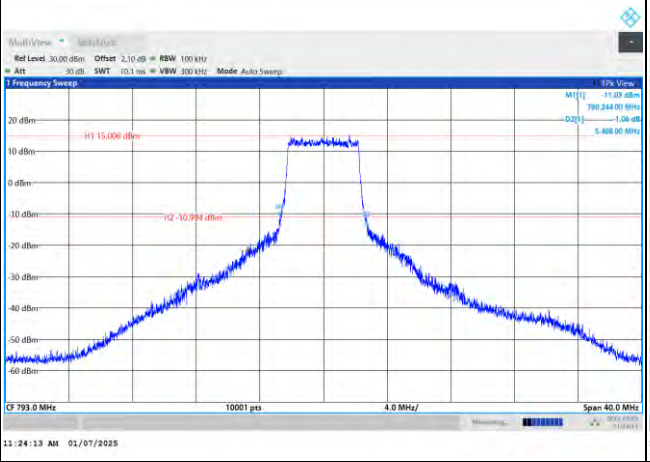
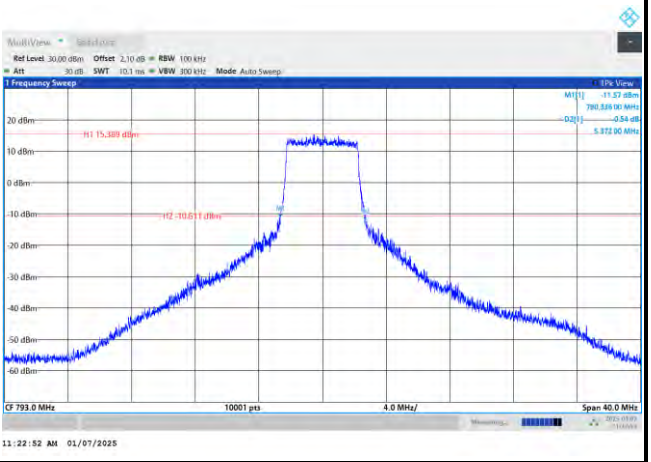
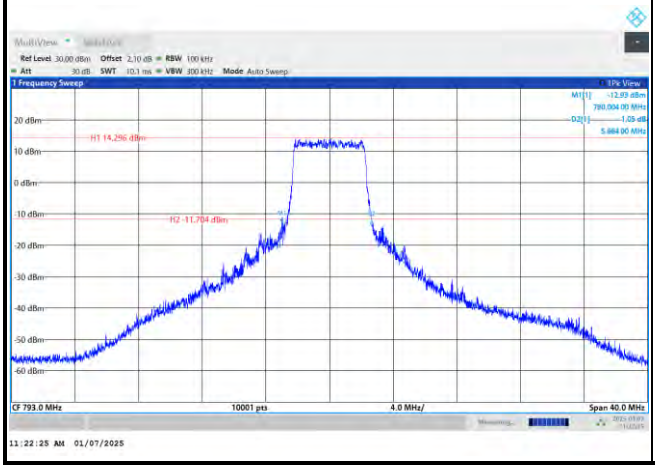
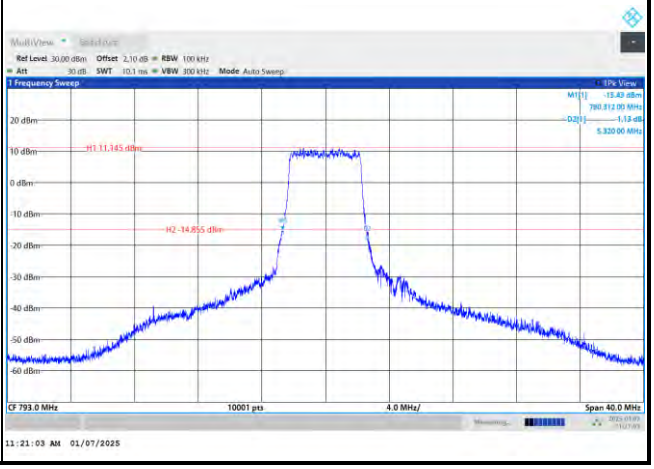
FR1 n14 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

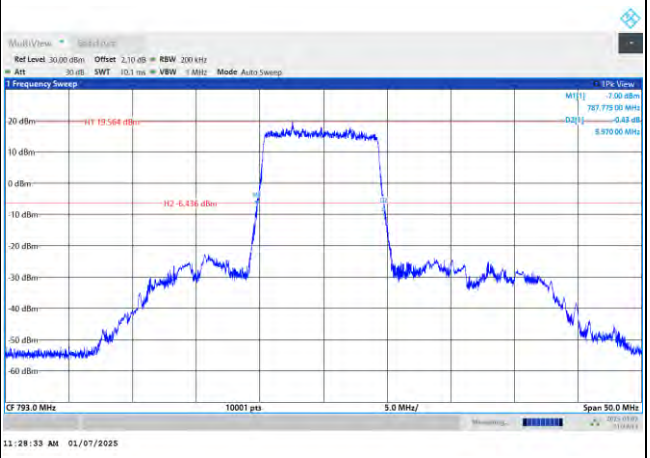
26dB Bandwidth

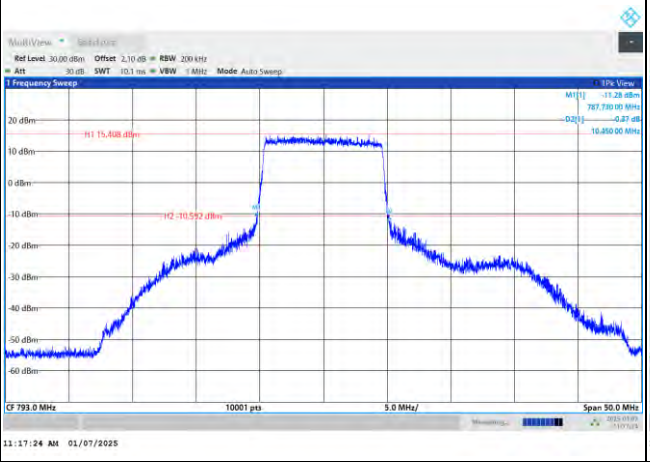
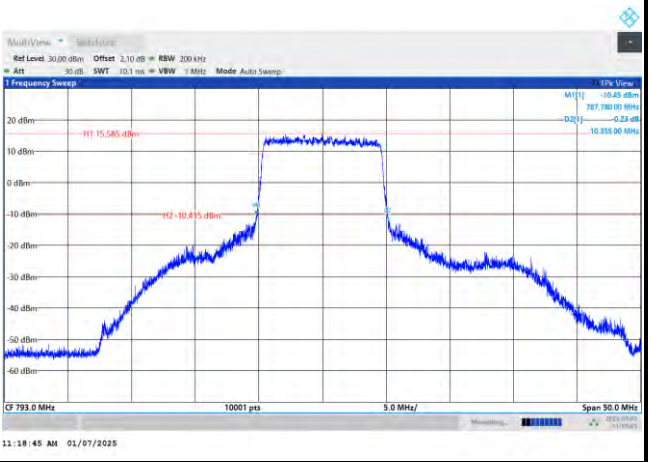
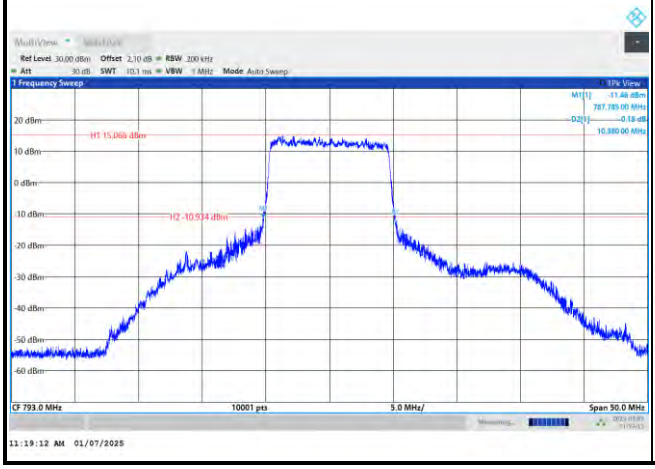
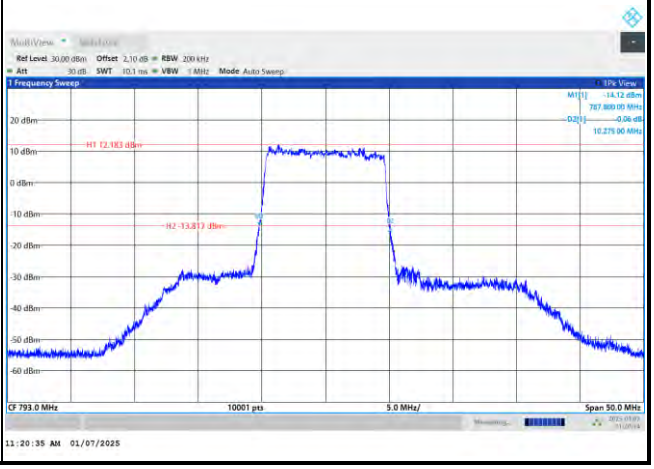
Mode	FR1 n14 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	5.36		9.97					

Mode	FR1 n14 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	5.46	5.37	10.45	10.35				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	5.66	5.32	10.38	10.27				

FR1 n14 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n14 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n14 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n14 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

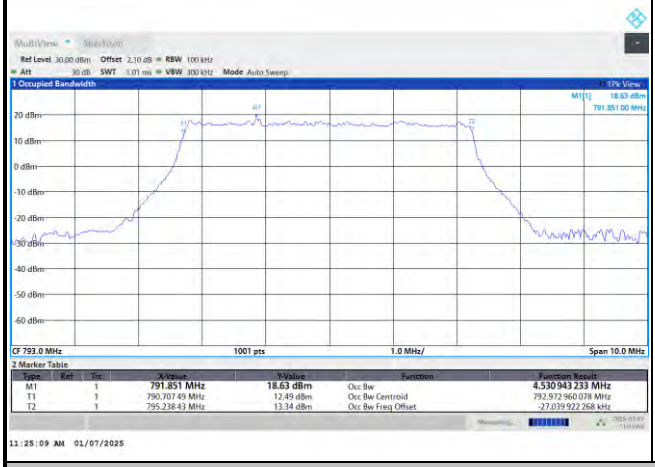
Occupied Bandwidth

Mode	FR1 n14 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.53		9.04					

Mode	FR1 n14 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.51	4.53	9.36	9.34				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.52	4.51	9.35	9.34				

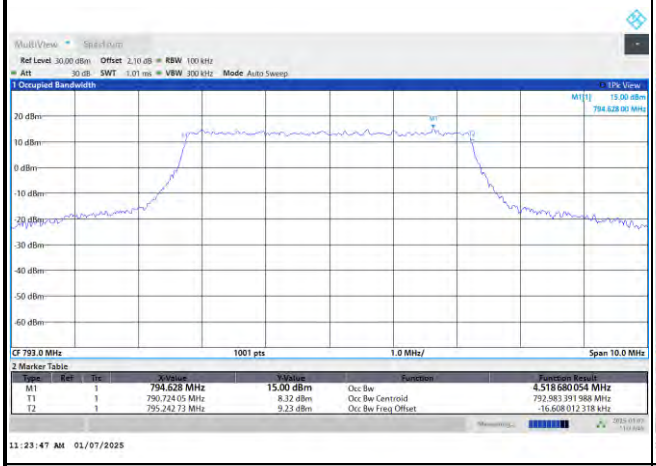
FR1 n14 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



FR1 n14 / 5MHz / CP OFDM / Middle Channel / Full RB

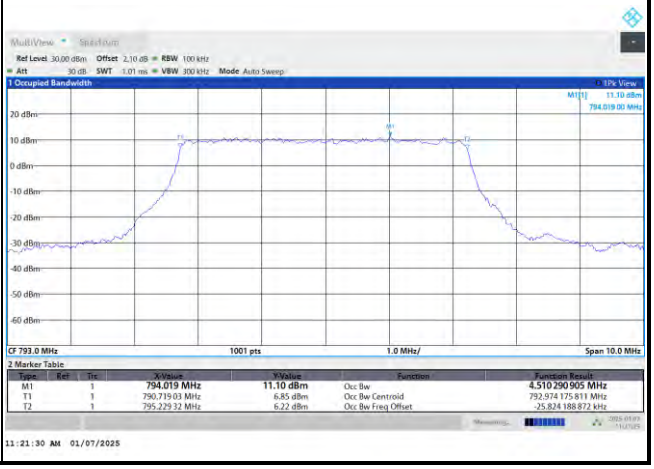
QPSK



16QAM

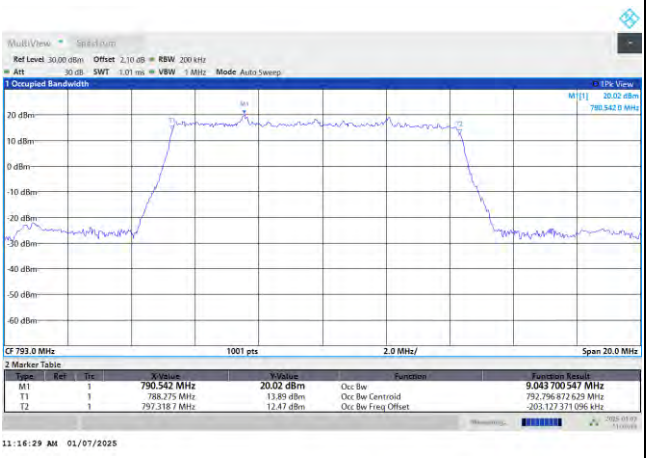
64QAM

256QAM



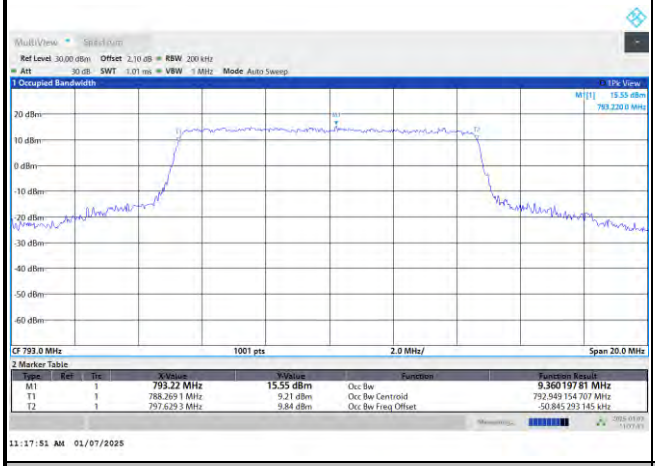
FR1 n14 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

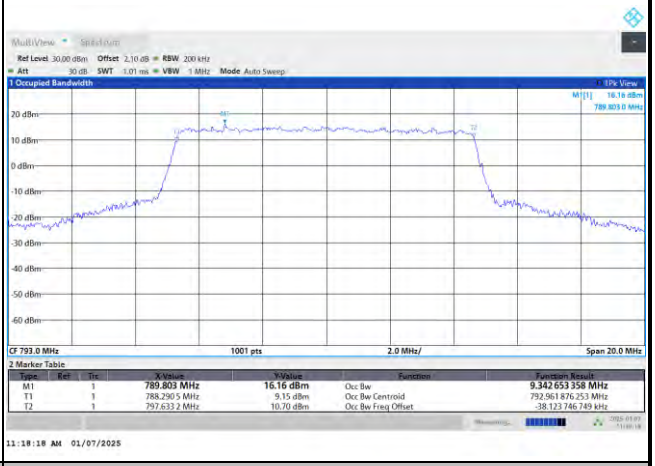


FR1 n14 / 10MHz / CP OFDM / Middle Channel / Full RB

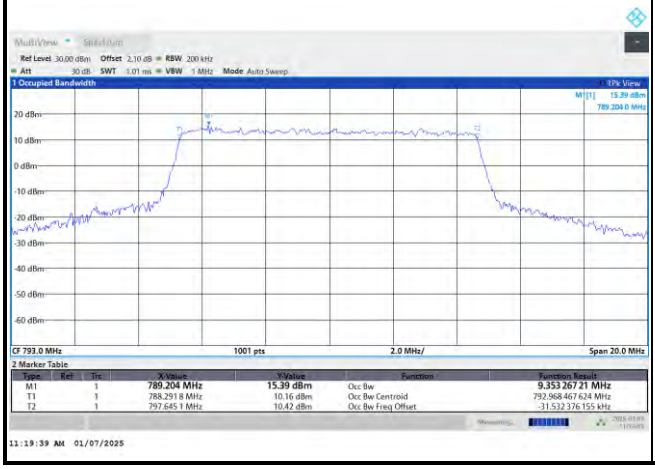
QPSK



16QAM



64QAM

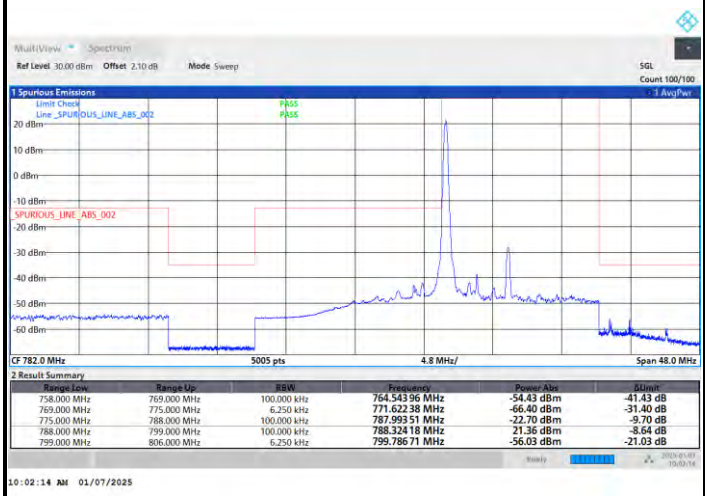


256QAM

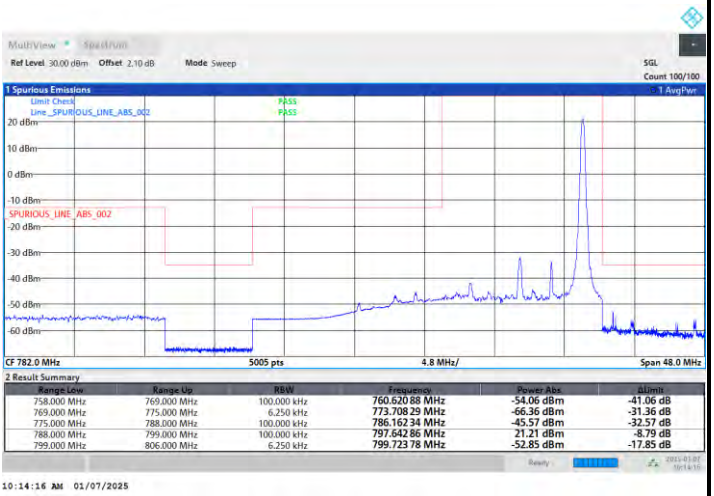
Conducted Band Edge

FR1 n14 / 5MHz / DFT-S OFDM / PI/2 BPSK

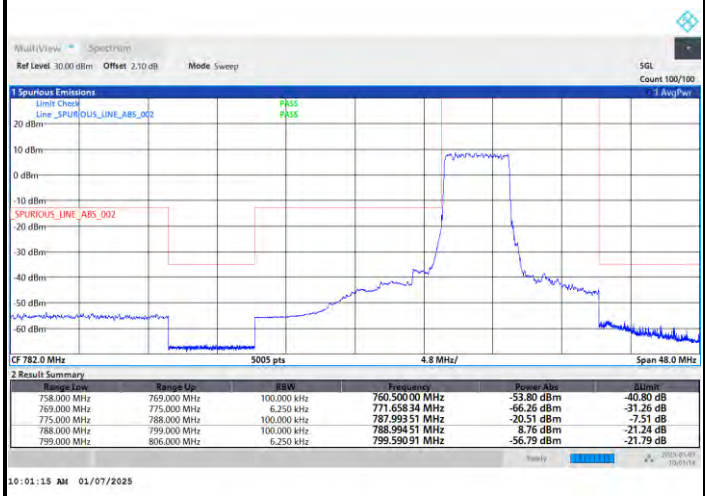
Lowest Band Edge / 1RB0



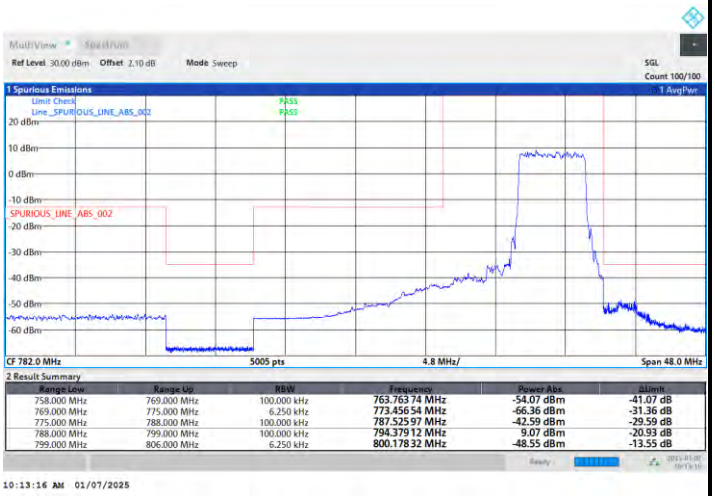
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

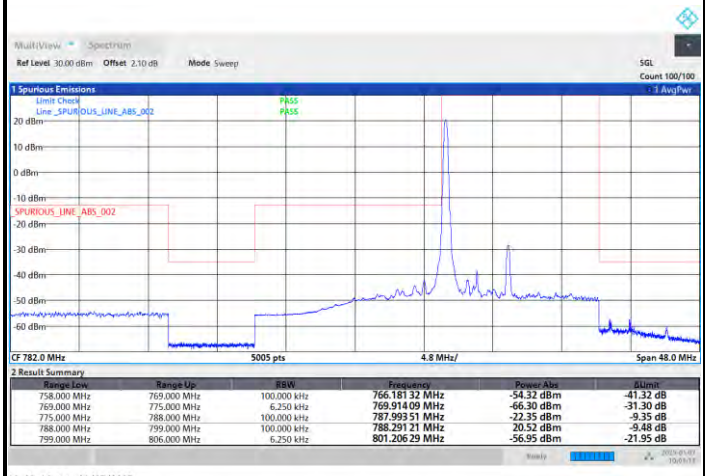


Highest Band Edge / Full RB



FR1 n14 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	766.181 32 MHz	-54.32 dBm	-41.32 dB
769.000 MHz	775.000 MHz	6.250 kHz	769.914 09 MHz	-66.30 dBm	-31.30 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-22.35 dBm	-9.35 dB
788.000 MHz	799.000 MHz	100.000 kHz	788.291 21 MHz	20.52 dBm	-9.48 dB
799.000 MHz	806.000 MHz	6.250 kHz	801.206 29 MHz	-56.95 dBm	-21.95 dB

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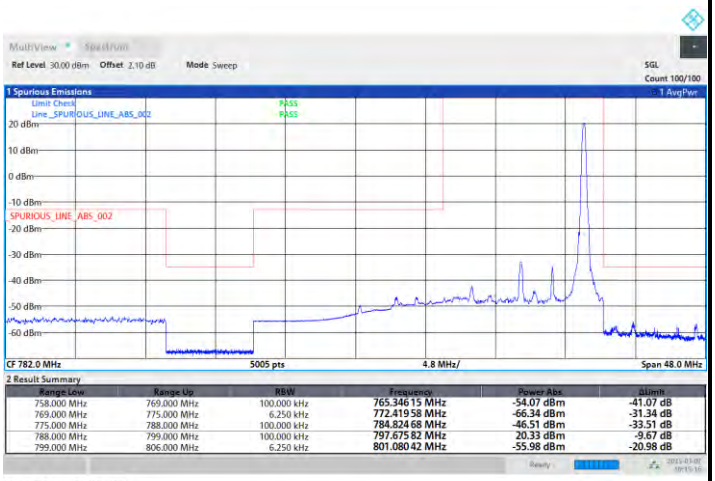
Highest Band Edge / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	765.346 15 MHz	-54.07 dBm	-41.07 dB
769.000 MHz	775.000 MHz	6.250 kHz	772.419 58 MHz	-66.34 dBm	-31.34 dB
775.000 MHz	788.000 MHz	100.000 kHz	784.824 68 MHz	-46.51 dBm	-33.51 dB
788.000 MHz	799.000 MHz	100.000 kHz	797.675 82 MHz	20.33 dBm	-9.67 dB
799.000 MHz	806.000 MHz	6.250 kHz	801.080 42 MHz	-55.98 dBm	-20.98 dB

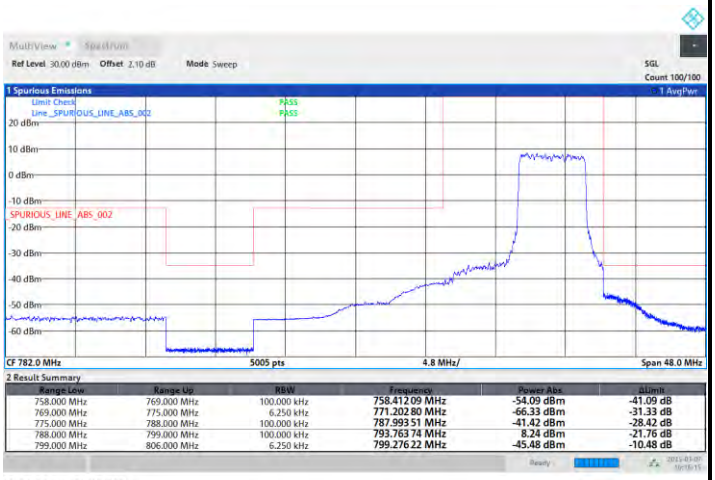
10:15:16 AM 01/07/2025

Lowest Band Edge / Full RB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	762.236 26 MHz	-54.33 dBm	-41.33 dB
769.000 MHz	775.000 MHz	6.250 kHz	774.067 93 MHz	-66.16 dBm	-31.16 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.980 52 MHz	-22.27 dBm	-9.27 dB
788.000 MHz	799.000 MHz	100.000 kHz	788.840 66 MHz	7.79 dBm	-22.21 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.010 49 MHz	-56.46 dBm	-21.46 dB

10:04:13 AM 01/07/2025

Highest Band Edge / Full RB

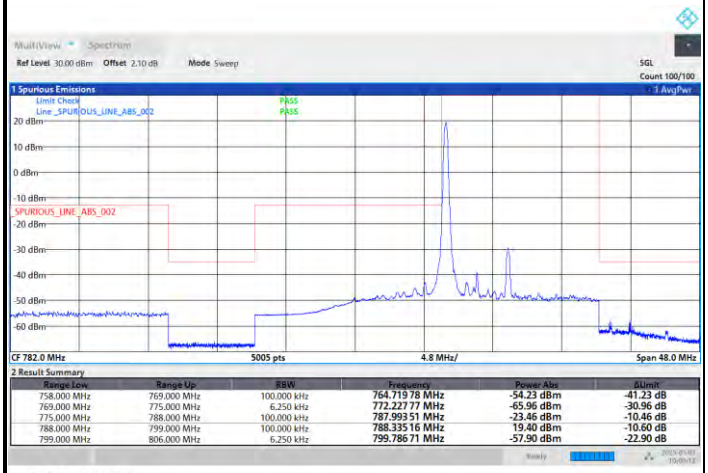


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	758.412 09 MHz	-54.09 dBm	-41.09 dB
769.000 MHz	775.000 MHz	6.250 kHz	771.202 80 MHz	-66.33 dBm	-31.33 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-41.42 dBm	-28.42 dB
788.000 MHz	799.000 MHz	100.000 kHz	793.763 74 MHz	8.24 dBm	-21.76 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.276 22 MHz	-45.48 dBm	-10.48 dB

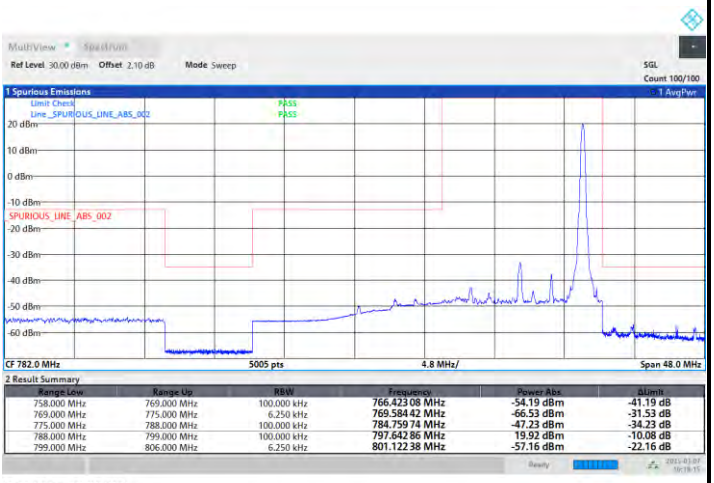
10:16:16 AM 01/07/2025

FR1 n14 / 5MHz / DFT-S OFDM / 16QAM

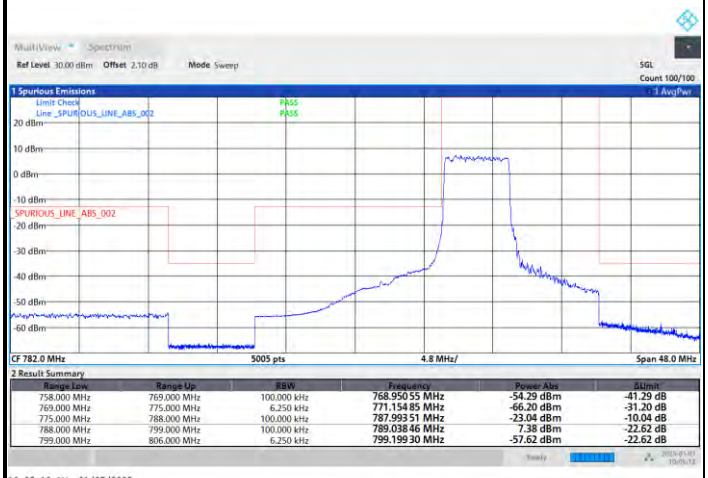
Lowest Band Edge / 1RB0



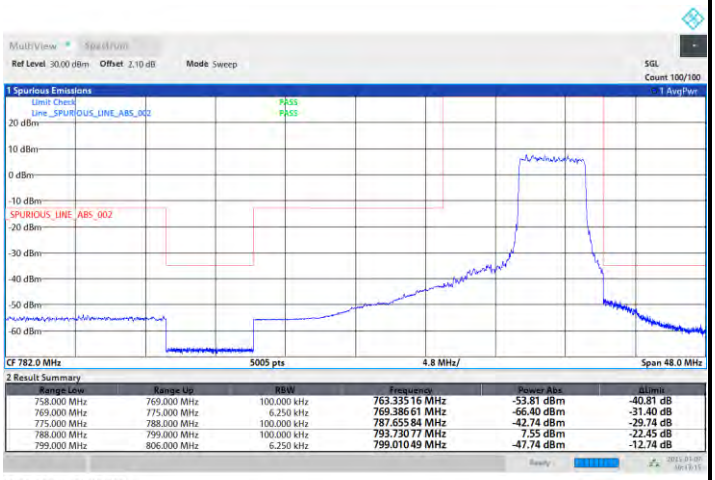
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

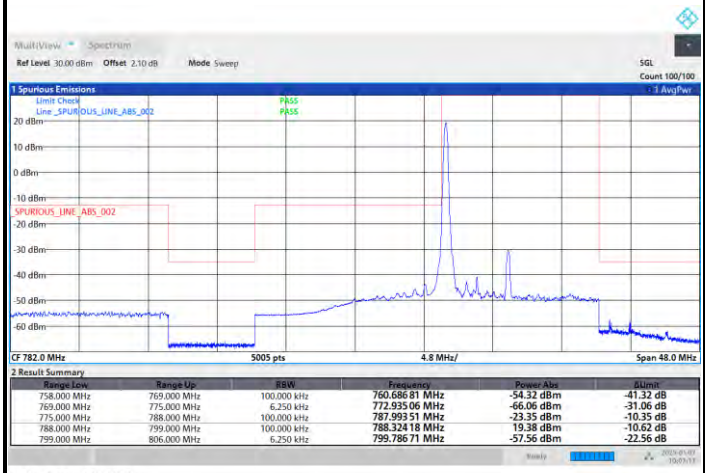


Highest Band Edge / Full RB



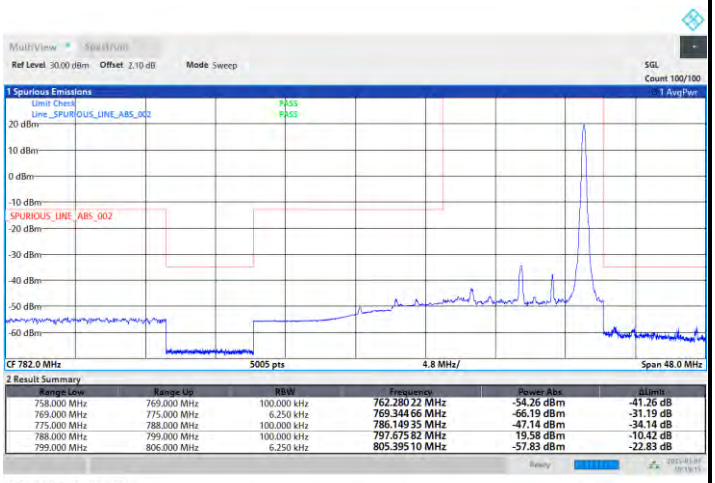
FR1 n14 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	760.686 81 MHz	-54.32 dBm	-41.32 dB
769.000 MHz	775.000 MHz	6.250 kHz	772.935 06 MHz	-66.06 dBm	-31.06 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-23.35 dBm	-10.35 dB
788.000 MHz	799.000 MHz	100.000 kHz	788.324 18 MHz	19.38 dBm	-10.62 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.786 71 MHz	-57.56 dBm	-22.56 dB

Highest Band Edge / 1RBmax

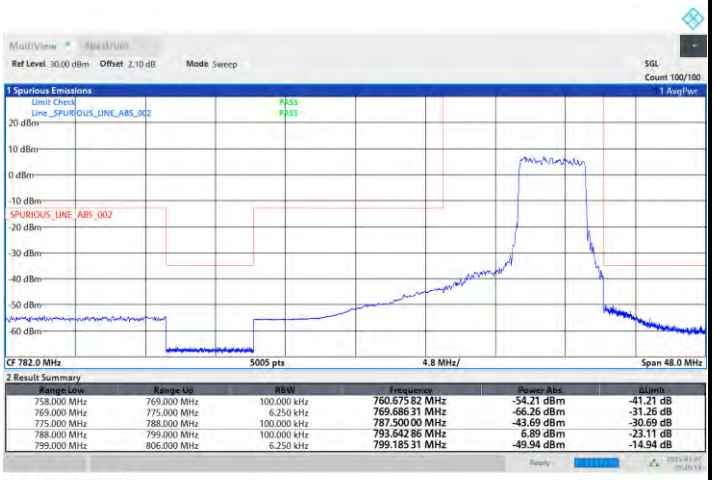


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	762.280 22 MHz	-54.26 dBm	-41.26 dB
769.000 MHz	775.000 MHz	6.250 kHz	769.344 66 MHz	-66.19 dBm	-31.19 dB
775.000 MHz	788.000 MHz	100.000 kHz	786.149 35 MHz	-47.14 dBm	-34.14 dB
788.000 MHz	799.000 MHz	100.000 kHz	797.675 82 MHz	19.58 dBm	-10.42 dB
799.000 MHz	806.000 MHz	6.250 kHz	805.395 10 MHz	-57.83 dBm	-22.83 dB

Lowest Band Edge / Full RB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	766.313 19 MHz	-54.15 dBm	-41.15 dB
769.000 MHz	775.000 MHz	6.250 kHz	772.371 63 MHz	-66.39 dBm	-31.39 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-24.74 dBm	-11.74 dB
788.000 MHz	799.000 MHz	100.000 kHz	790.038 46 MHz	6.76 dBm	-23.24 dB
799.000 MHz	806.000 MHz	6.250 kHz	800.639 86 MHz	-57.36 dBm	-22.36 dB

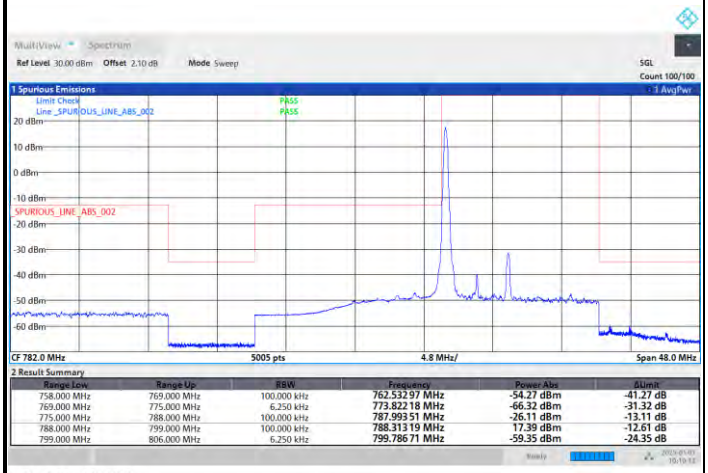
Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	760.675 82 MHz	-54.21 dBm	-41.21 dB
769.000 MHz	775.000 MHz	6.250 kHz	769.686 31 MHz	-66.26 dBm	-31.26 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.500 00 MHz	-43.69 dBm	-30.69 dB
788.000 MHz	799.000 MHz	100.000 kHz	793.642 86 MHz	6.89 dBm	-23.11 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.185 31 MHz	-49.94 dBm	-14.94 dB

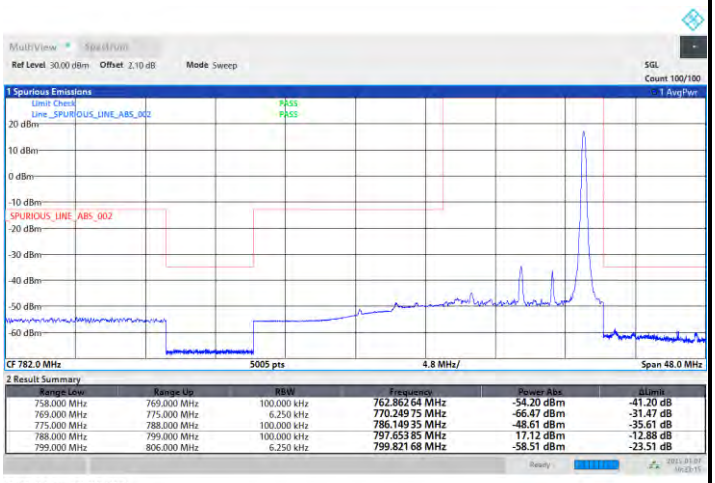
FR1 n14 / 5MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	762.532 97 MHz	-54.27 dBm	-41.27 dB
769.000 MHz	775.000 MHz	6.250 kHz	773.822 18 MHz	-66.32 dBm	-31.32 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-26.11 dBm	-13.11 dB
788.000 MHz	799.000 MHz	100.000 kHz	788.313 19 MHz	17.39 dBm	-12.61 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.786 71 MHz	-59.35 dBm	-24.35 dB

Highest Band Edge / 1RBmax

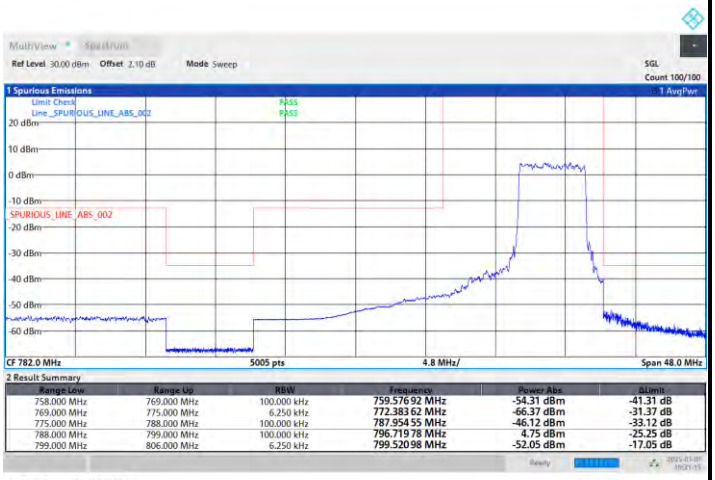


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	762.862 64 MHz	-54.20 dBm	-41.20 dB
769.000 MHz	775.000 MHz	6.250 kHz	770.249 75 MHz	-66.47 dBm	-31.47 dB
775.000 MHz	788.000 MHz	100.000 kHz	786.149 35 MHz	-48.61 dBm	-35.61 dB
788.000 MHz	799.000 MHz	100.000 kHz	797.653 85 MHz	17.12 dBm	-12.88 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.821 68 MHz	-58.51 dBm	-23.51 dB

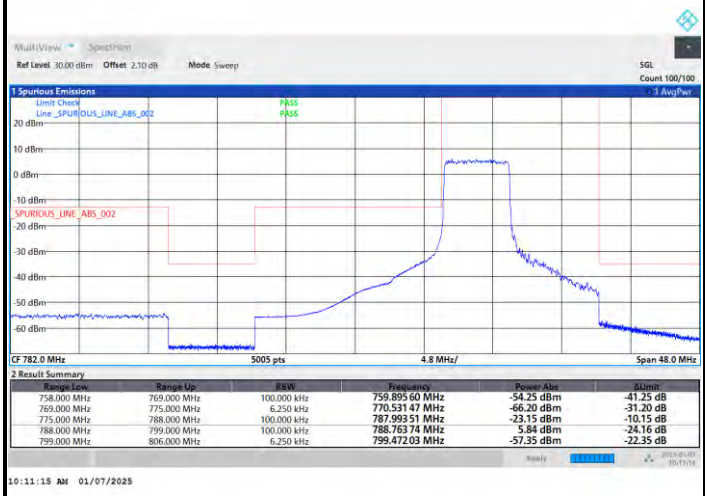
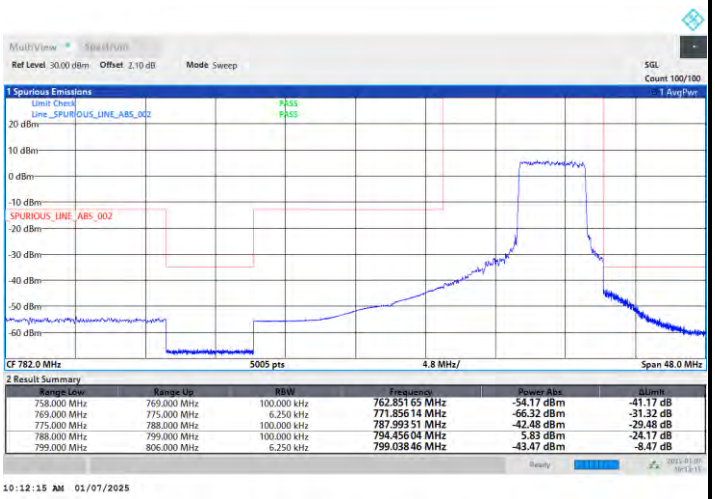
Lowest Band Edge / Full RB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	760.060 44 MHz	-54.38 dBm	-41.38 dB
769.000 MHz	775.000 MHz	6.250 kHz	772.797 20 MHz	-66.26 dBm	-31.26 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-26.22 dBm	-13.22 dB
788.000 MHz	799.000 MHz	100.000 kHz	790.148 35 MHz	4.50 dBm	-25.50 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.709 79 MHz	-57.90 dBm	-22.90 dB

Highest Band Edge / Full RB

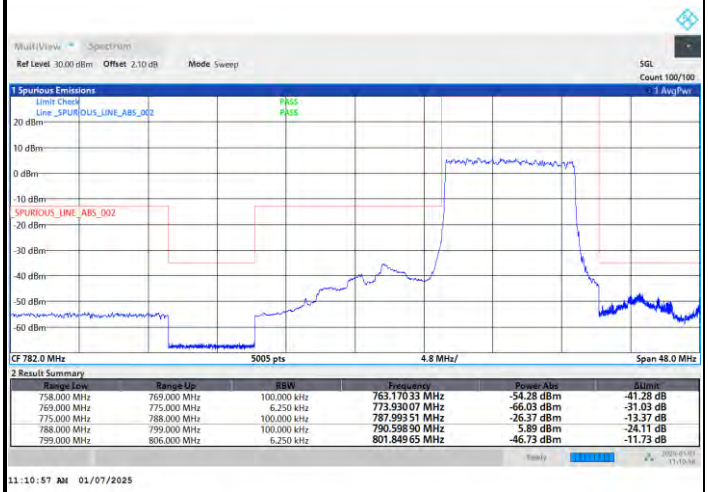


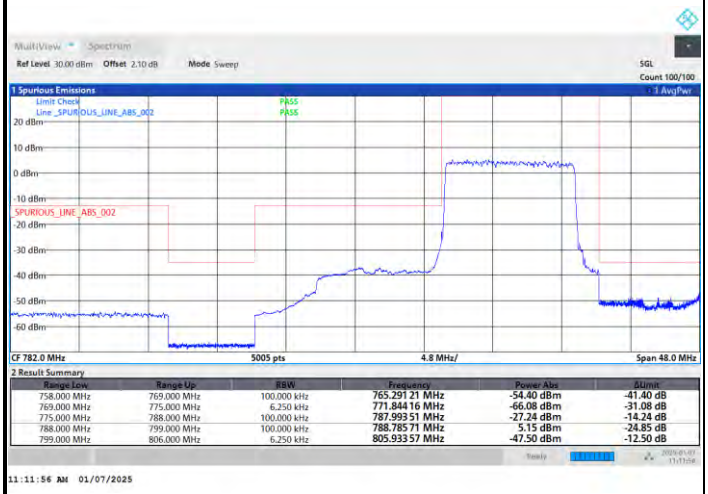
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	759.576 92 MHz	-54.31 dBm	-41.31 dB
769.000 MHz	775.000 MHz	6.250 kHz	772.383 62 MHz	-66.37 dBm	-31.37 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.954 55 MHz	-46.12 dBm	-33.12 dB
788.000 MHz	799.000 MHz	100.000 kHz	796.719 78 MHz	4.75 dBm	-25.25 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.520 98 MHz	-52.05 dBm	-17.05 dB

FR1 n14 / 5MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

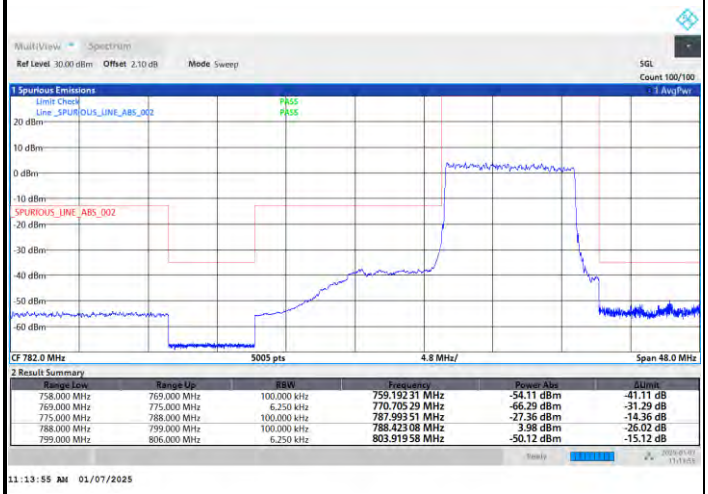
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	759.895 60 MHz	-54.25 dBm	-41.25 dB
769.000 MHz	775.000 MHz	6.250 kHz	770.531 47 MHz	-66.20 dBm	-31.20 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-23.15 dBm	-10.15 dB
788.000 MHz	799.000 MHz	100.000 kHz	788.763 74 MHz	5.84 dBm	-24.16 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.472 03 MHz	-57.35 dBm	-22.35 dB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
758.000 MHz	769.000 MHz	100.000 kHz	762.851 65 MHz	-54.17 dBm	-41.17 dB
769.000 MHz	775.000 MHz	6.250 kHz	771.856 14 MHz	-66.32 dBm	-31.32 dB
775.000 MHz	788.000 MHz	100.000 kHz	787.993 51 MHz	-42.48 dBm	-29.48 dB
788.000 MHz	799.000 MHz	100.000 kHz	794.456 04 MHz	5.83 dBm	-24.17 dB
799.000 MHz	806.000 MHz	6.250 kHz	799.038 46 MHz	-43.47 dBm	-8.47 dB

FR1 n14 / 10MHz / DFT-s-OFDM / PI/2 BPSK	
Middle Band Edge / Full RB	
	

FR1 n14 / 10MHz / DFT-s-OFDM / QPSK	
Middle Band Edge / Full RB	
	

FR1 n14 / 10MHz / DFT-s-OFDM / 16QAM	
Middle Band Edge / Full RB	

FR1 n14 / 10MHz / DFT-s-OFDM / 64QAM	
Middle Band Edge / Full RB	
	

FR1 n14 / 10MHz / DFT-s-OFDM / 256QAM	
Middle Band Edge / Full RB	

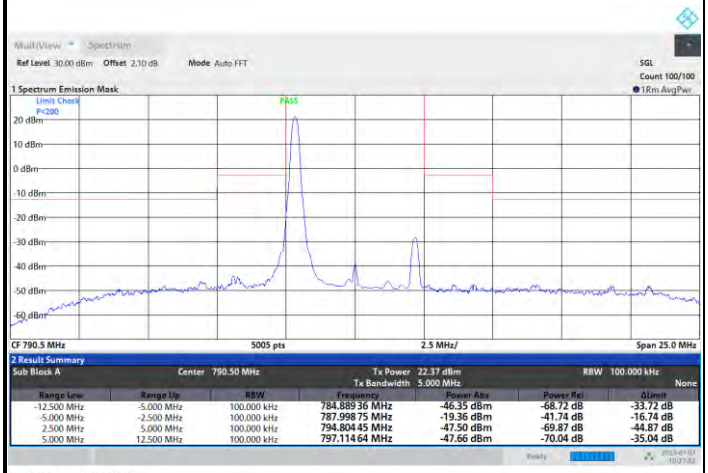
FR1 n14 / 10MHz / CP OFDM / QPSK / Full RB	
Middle Band Edge / Full RB	

Unwanted Emission (MASK)

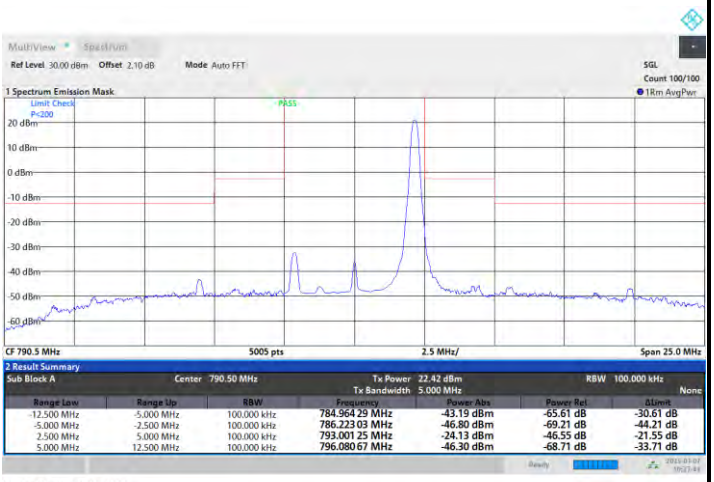
FR1 n14 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel

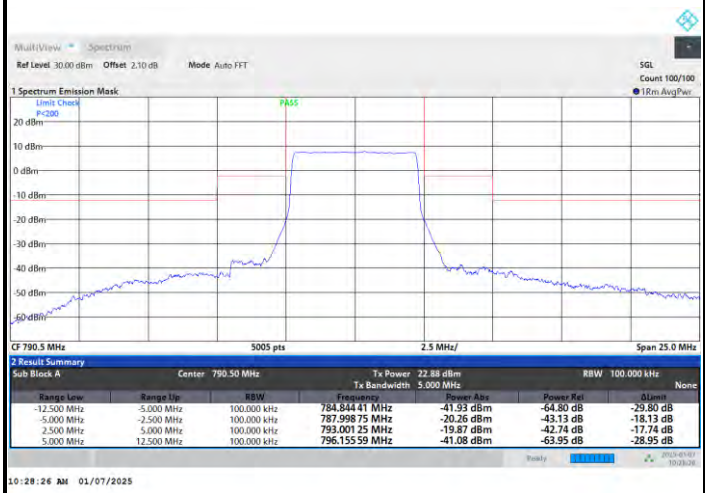
1RB0

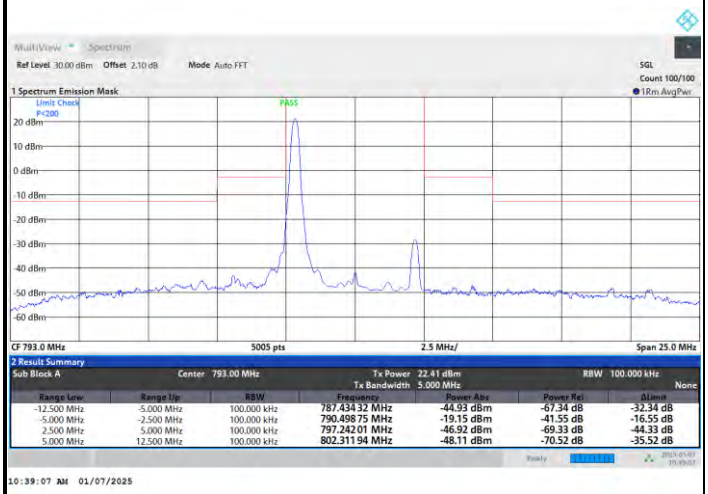
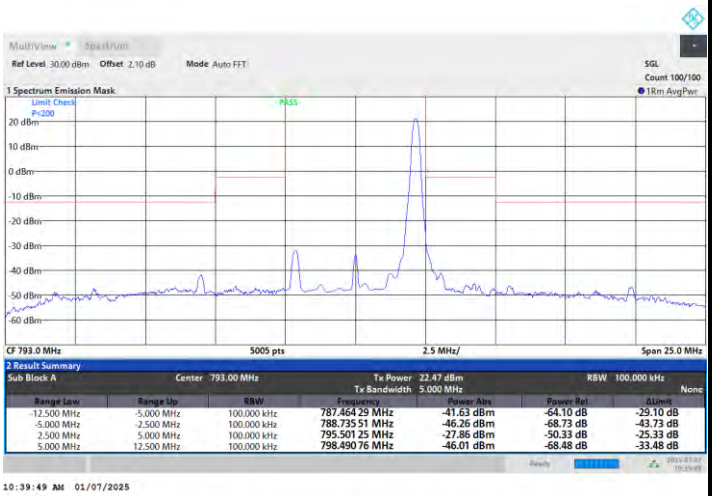
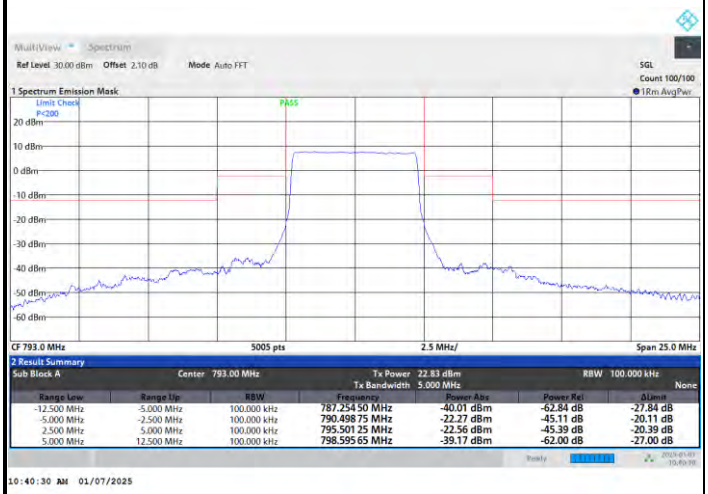


1RBmax



Full RB

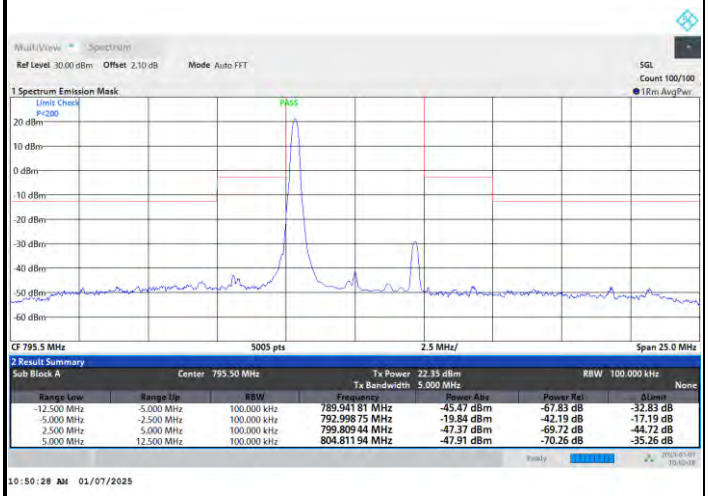


FR1 n14 / 5MHz / DFT-S OFDM / PI/2 BPSK	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

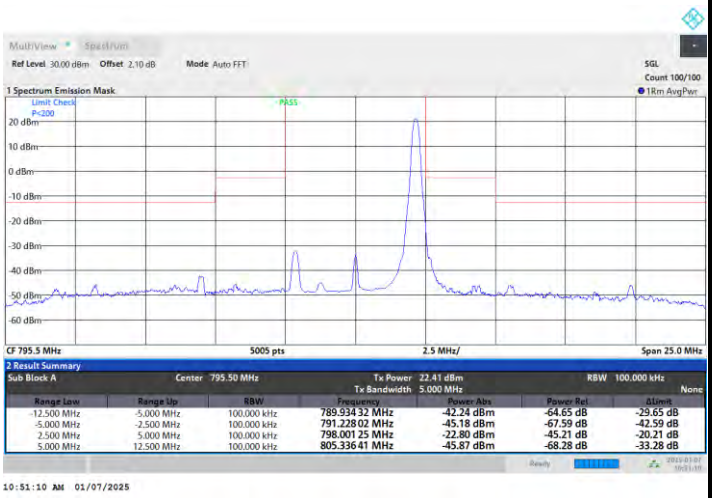
FR1 n14 / 5MHz / DFT-S OFDM / PI/2 BPSK

Highest Channel

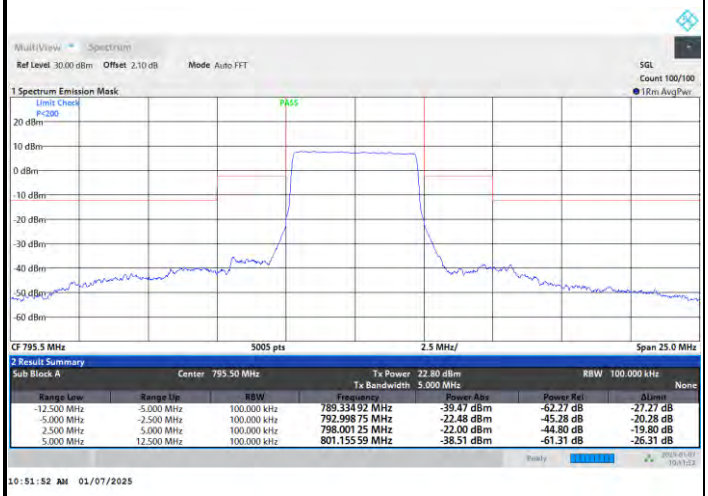
1RB0



1RBmax



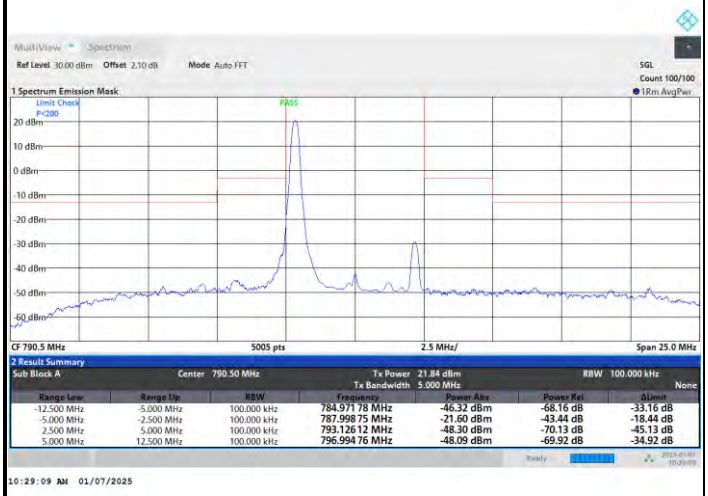
Full RB



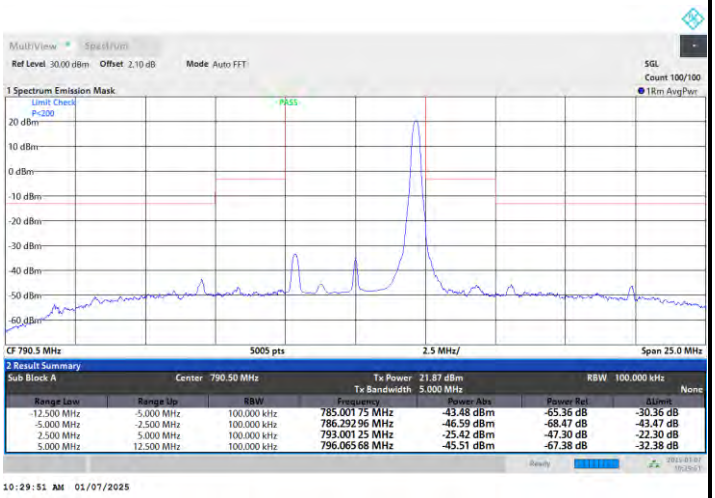
FR1 n14 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel

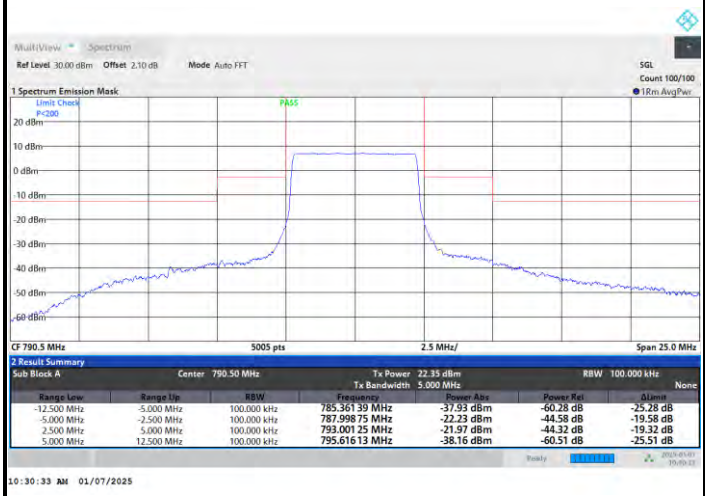
1RB0



1RBmax



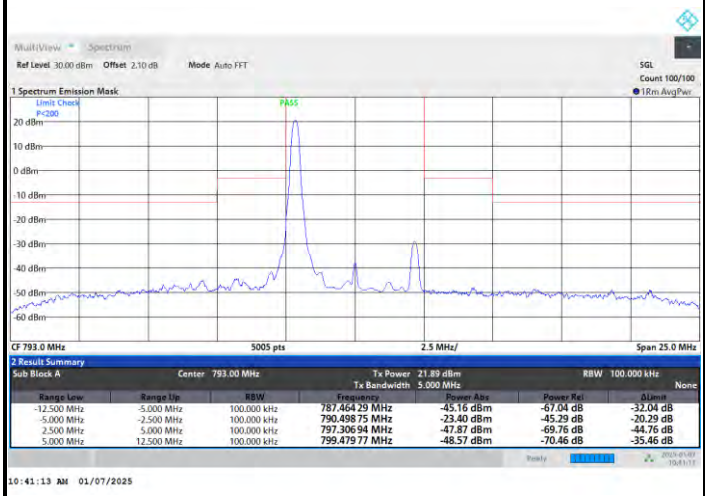
Full RB



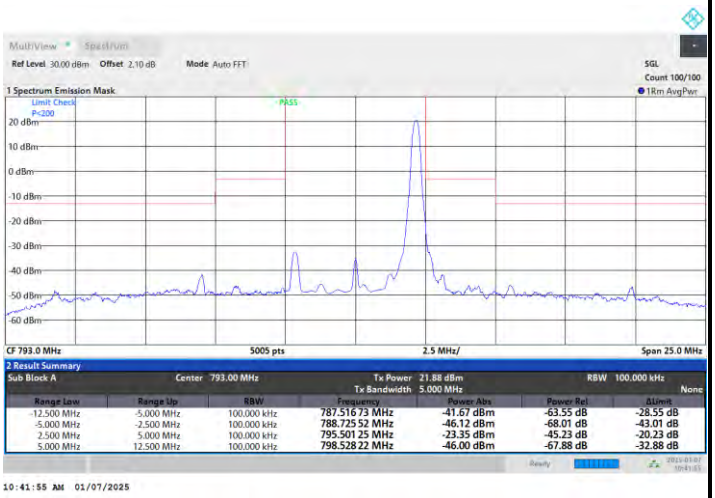
FR1 n14 / 5MHz / DFT-S OFDM / QPSK

Middle Channel

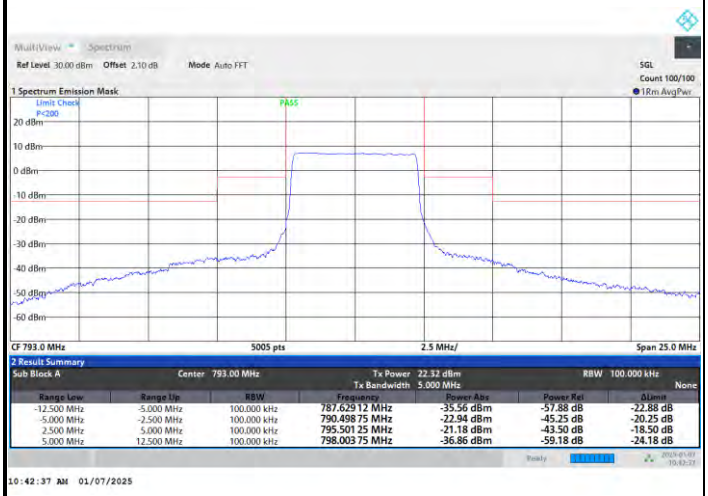
1RB0



1RBmax



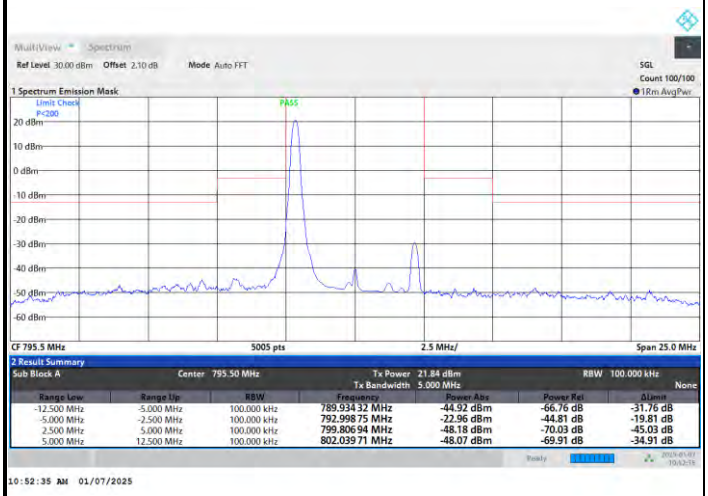
Full RB



FR1 n14 / 5MHz / DFT-S OFDM / QPSK

Highest Channel

1RB0



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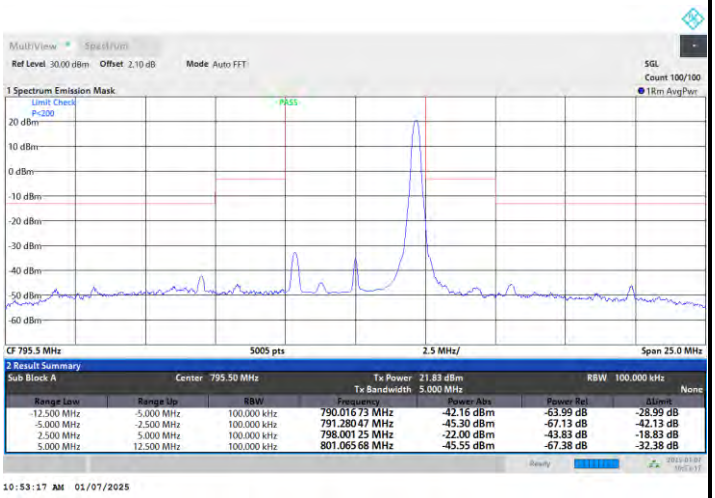
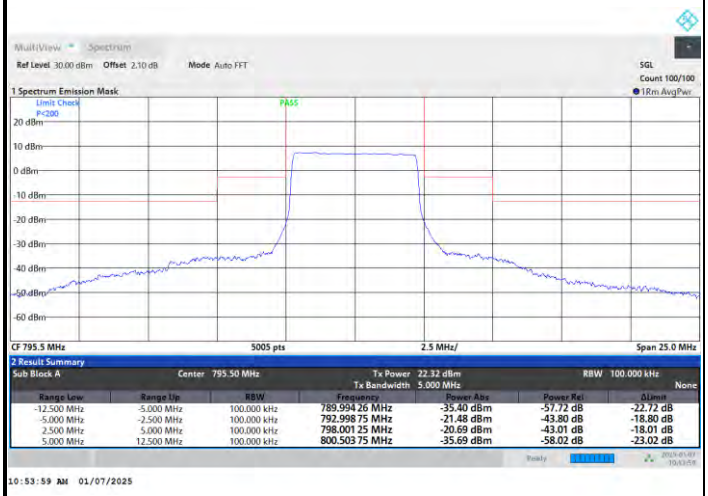


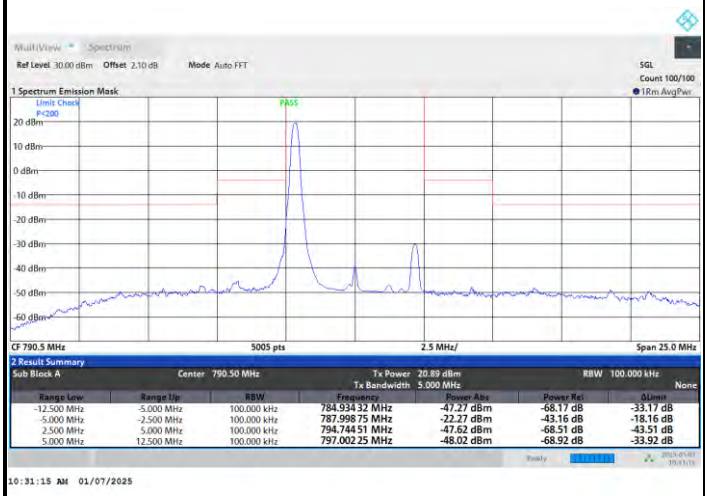
Full RB



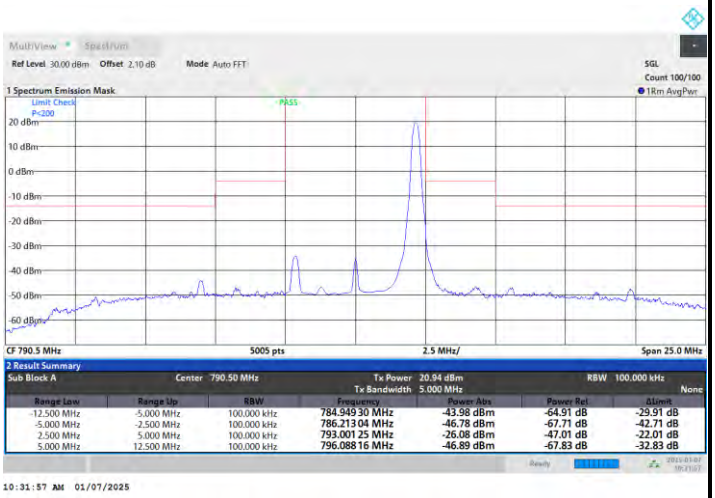
FR1 n14 / 5MHz / DFT-S OFDM / 16QAM

Lowest Channel

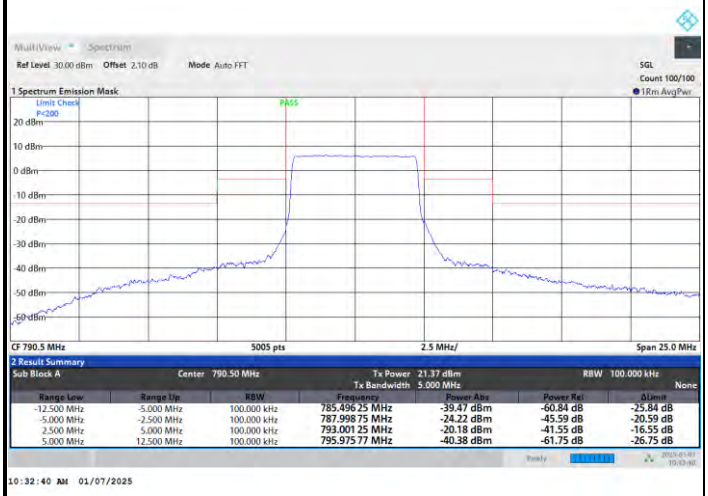
1RB0



1RBmax



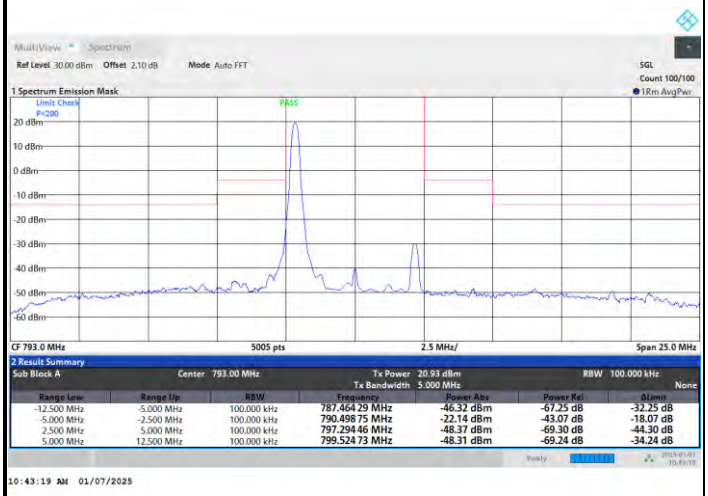
Full RB



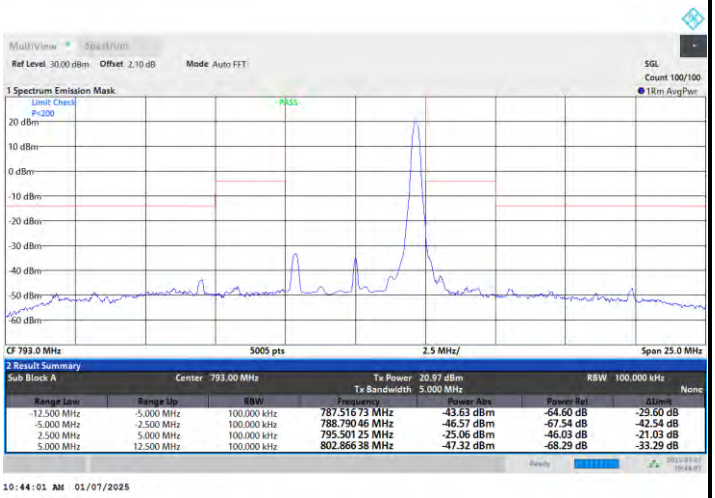
FR1 n14 / 5MHz / DFT-S OFDM / 16QAM

Middle Channel

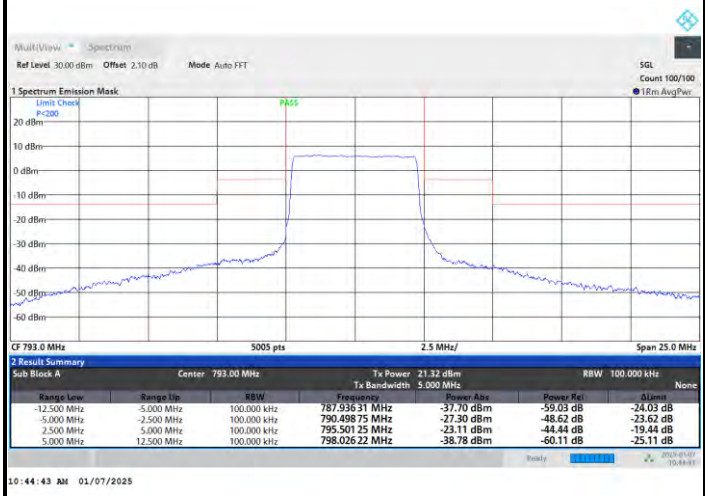
1RB0



1RBmax



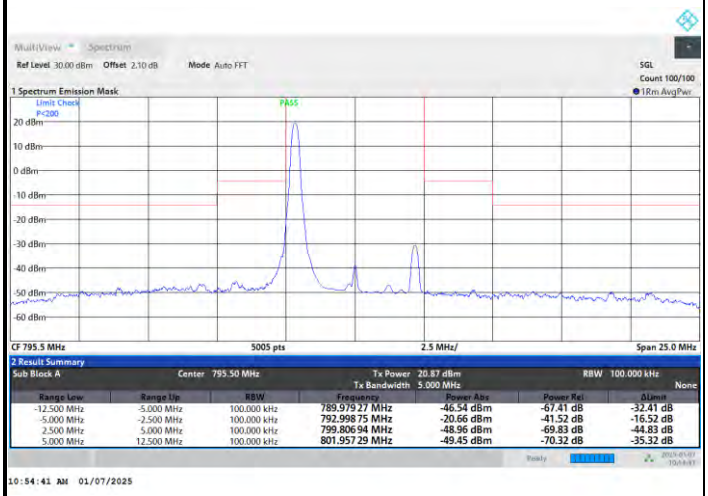
Full RB



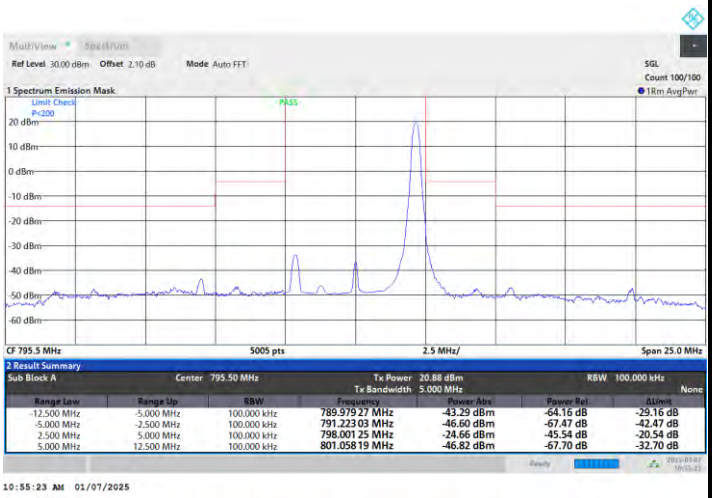
FR1 n14 / 5MHz / DFT-S OFDM / 16QAM

Highest Channel

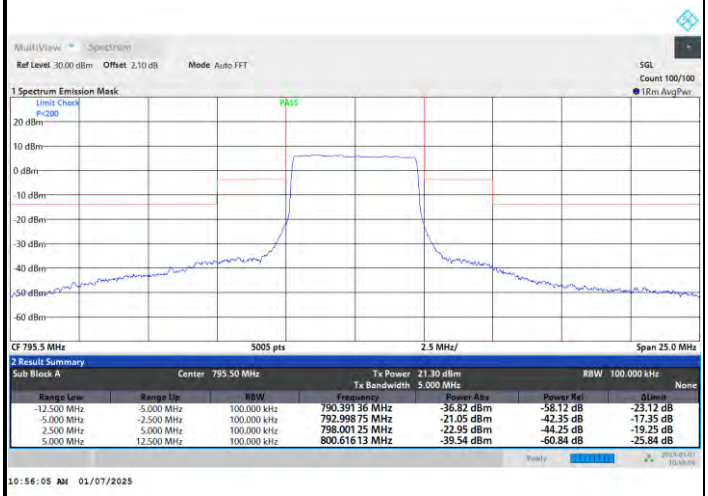
1RB0



1RBmax



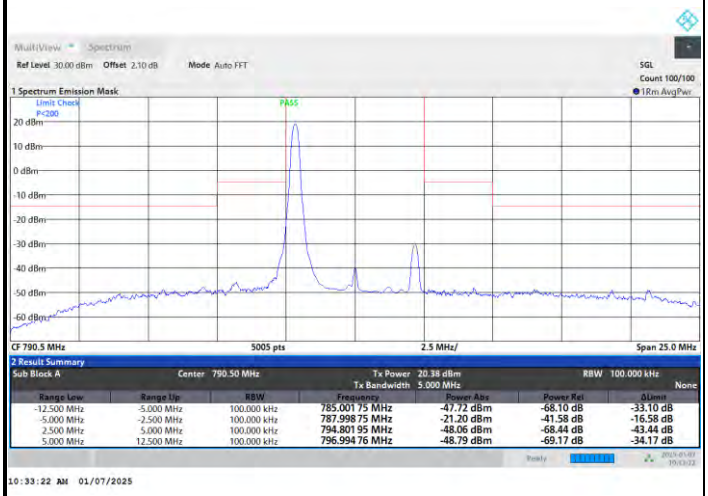
Full RB



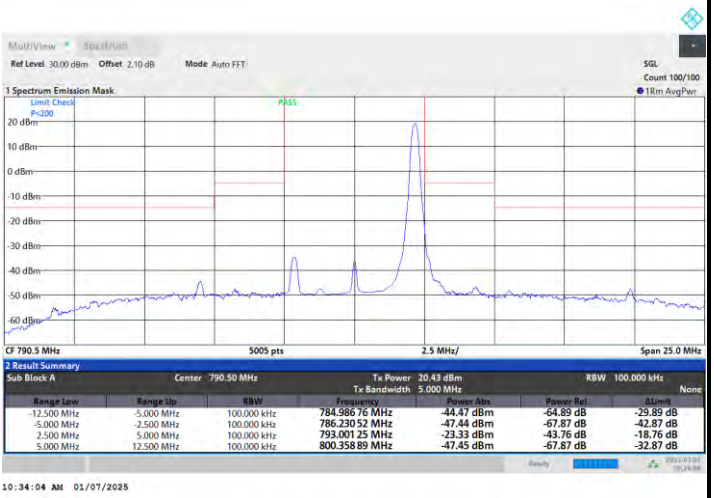
FR1 n14 / 5MHz / DFT-S OFDM / 64QAM

Lowest Channel

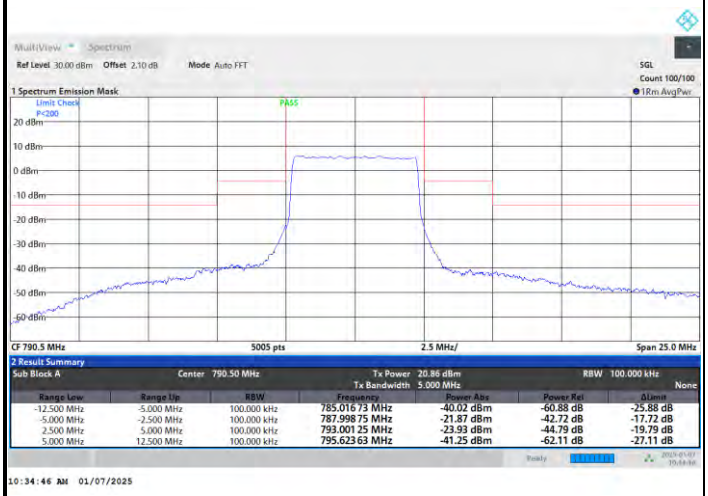
1RB0



1RBmax



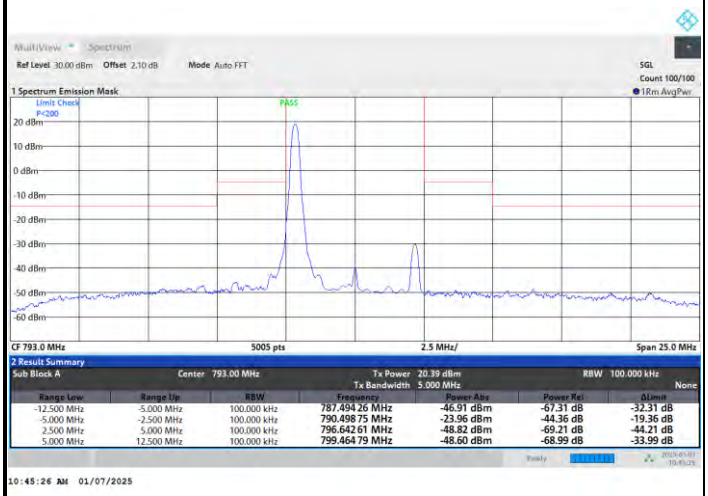
Full RB



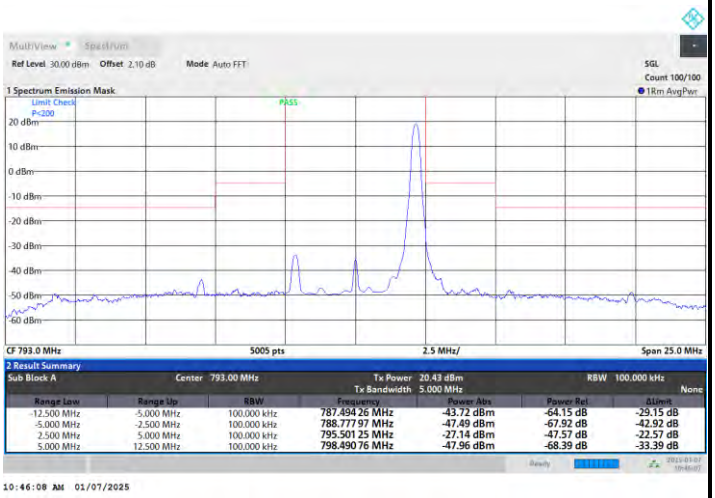
FR1 n14 / 5MHz / DFT-S OFDM / 64QAM

Middle Channel

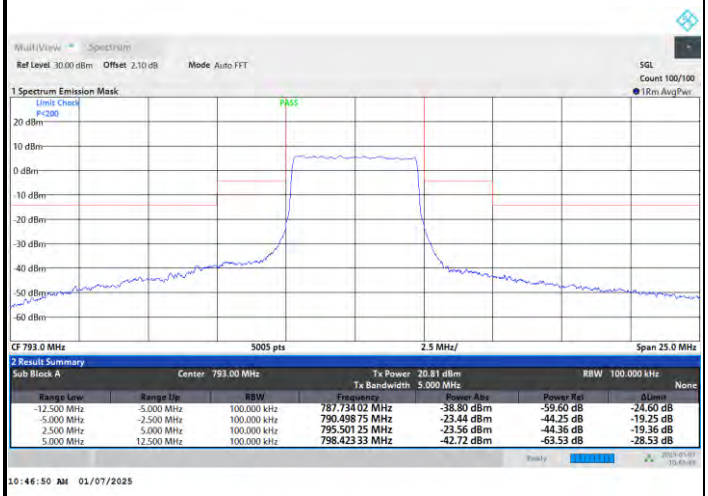
1RB0

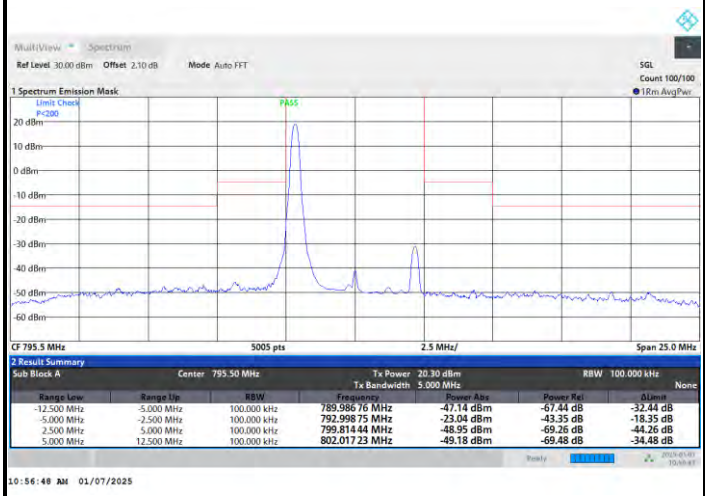
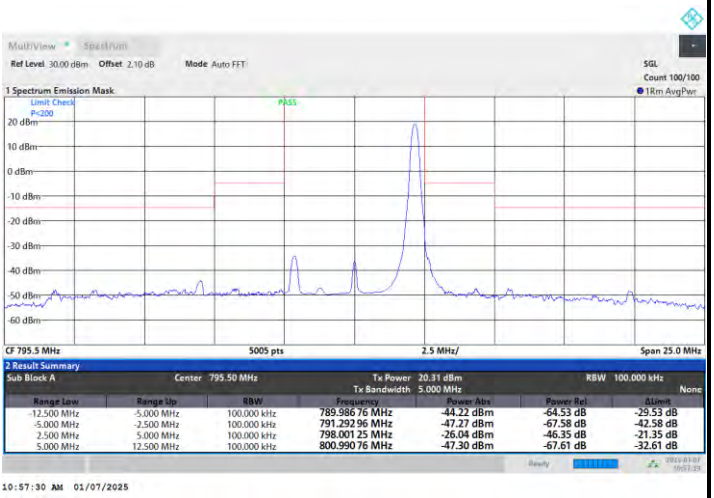
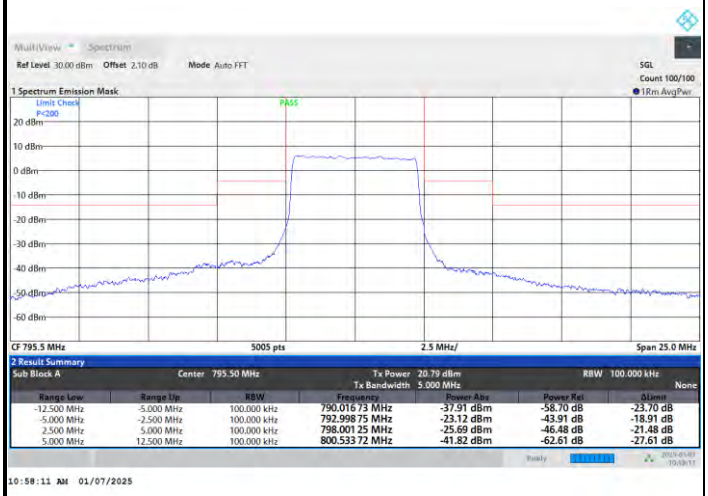


1RBmax



Full RB

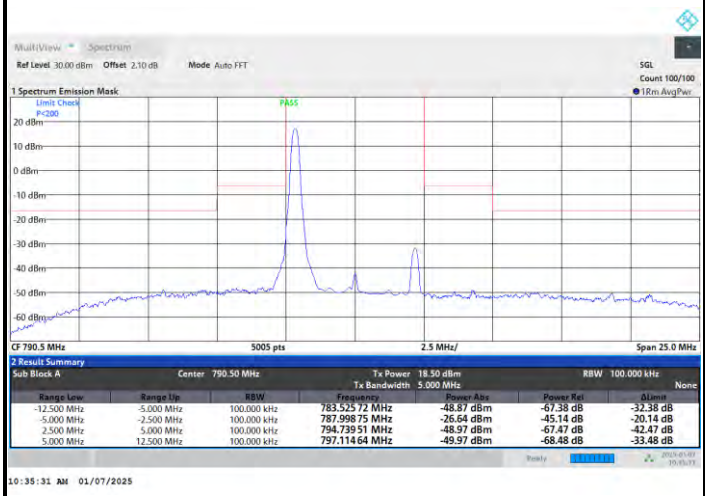


FR1 n14 / 5MHz / DFT-S OFDM / 64QAM	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

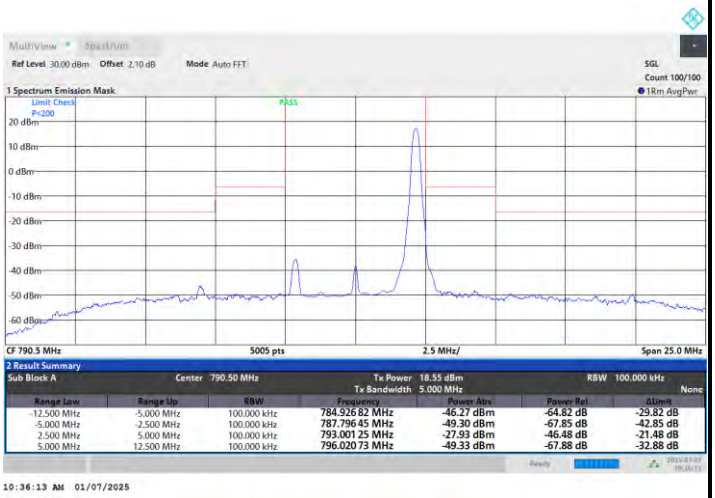
FR1 n14 / 5MHz / DFT-S OFDM / 256QAM

Lowest Channel

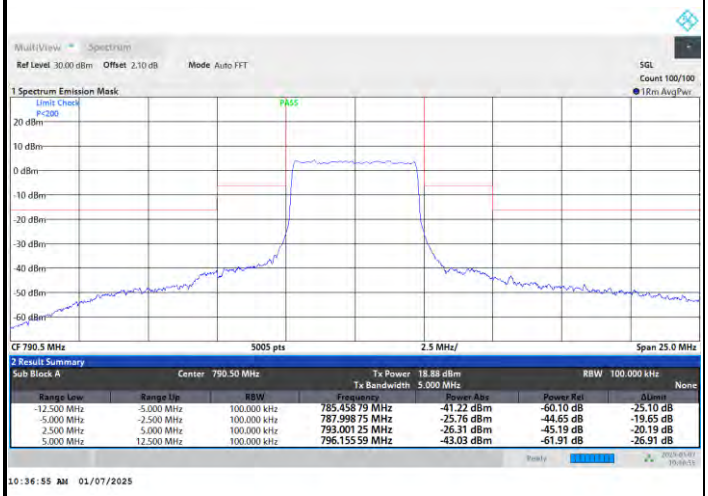
1RB0



1RBmax



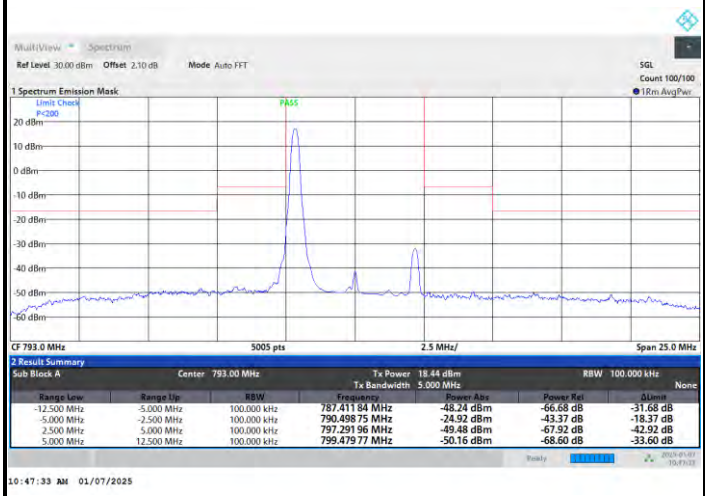
Full RB



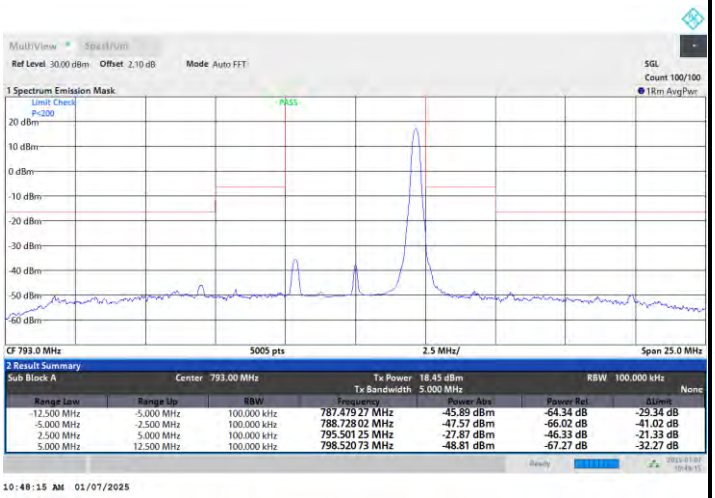
FR1 n14 / 5MHz / DFT-S OFDM / 256QAM

Middle Channel

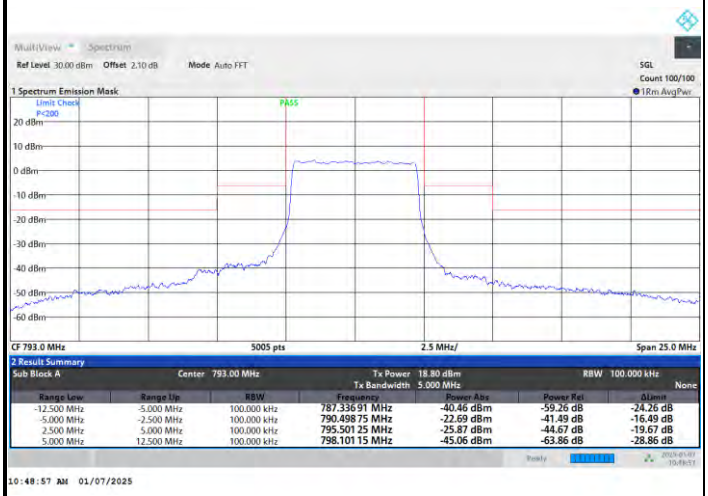
1RB0



1RBmax



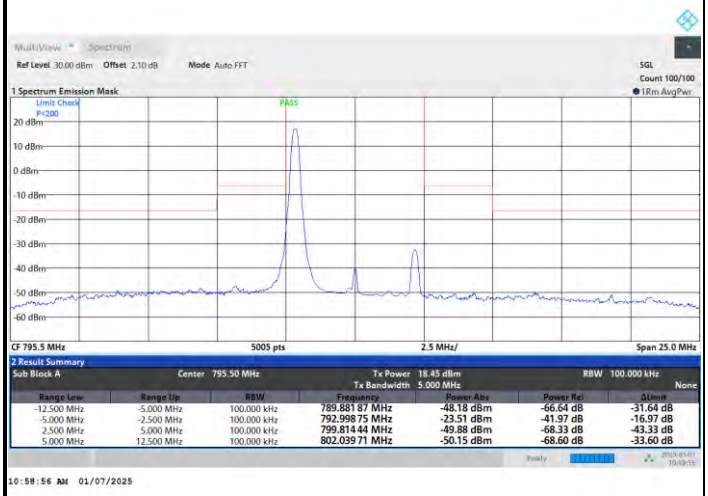
Full RB



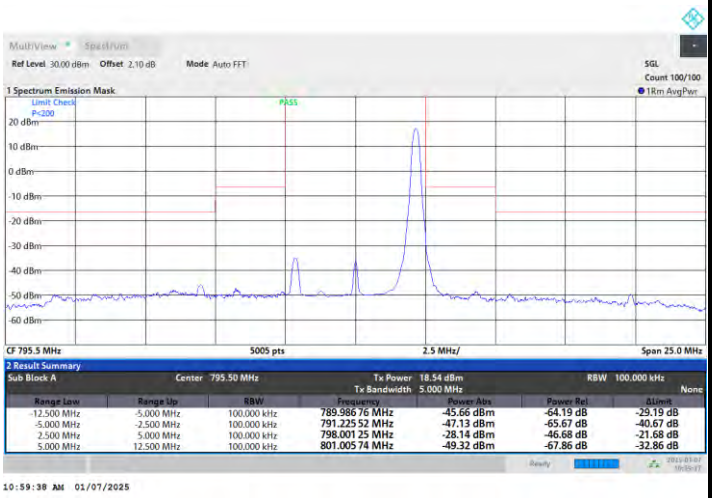
FR1 n14 / 5MHz / DFT-S OFDM / 256QAM

Highest Channel

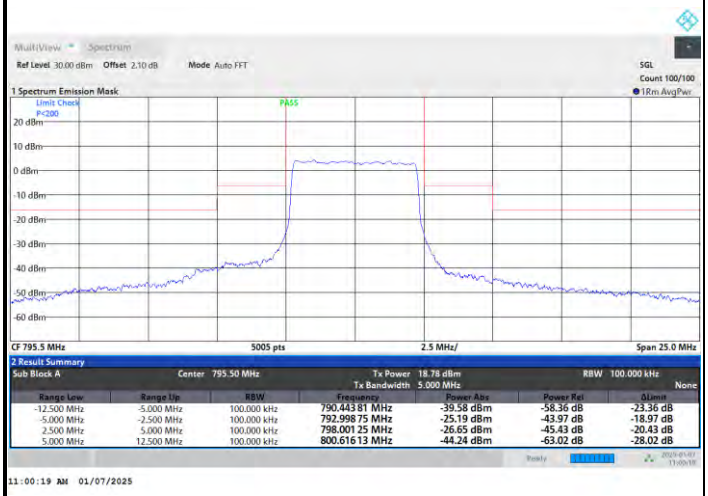
1RB0

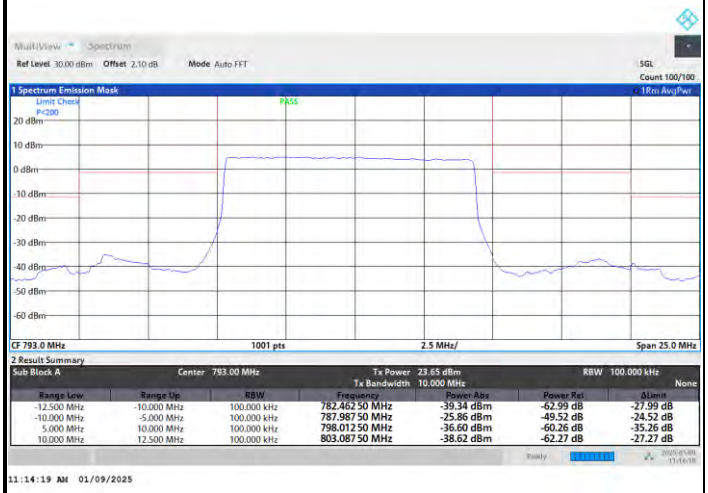


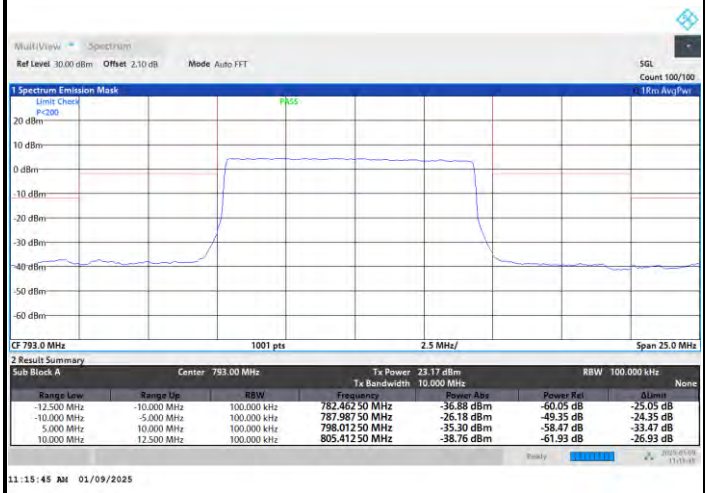
1RBmax

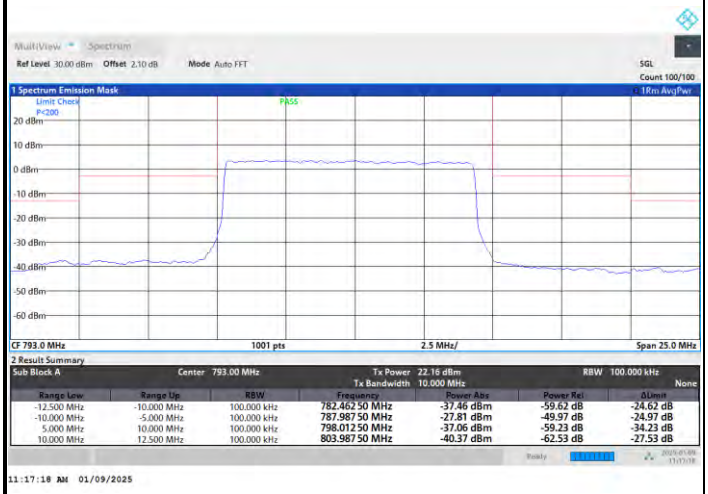


Full RB

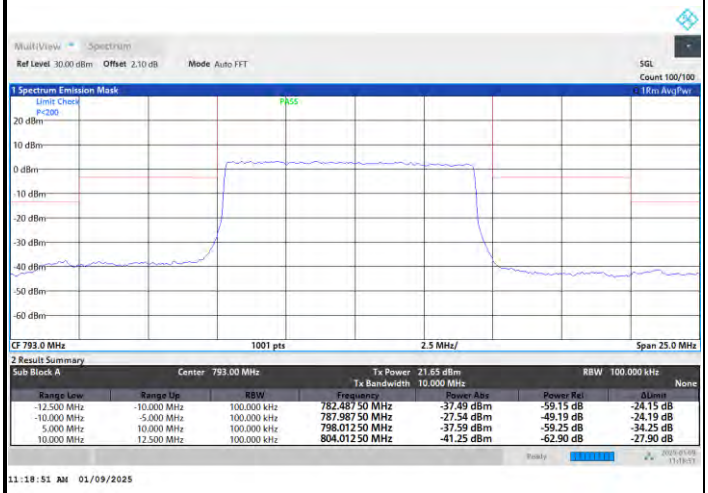


FR1 n14 / 10MHz / DFT-S OFDM / BPSK	
Middle Channel	
Full RB	
	

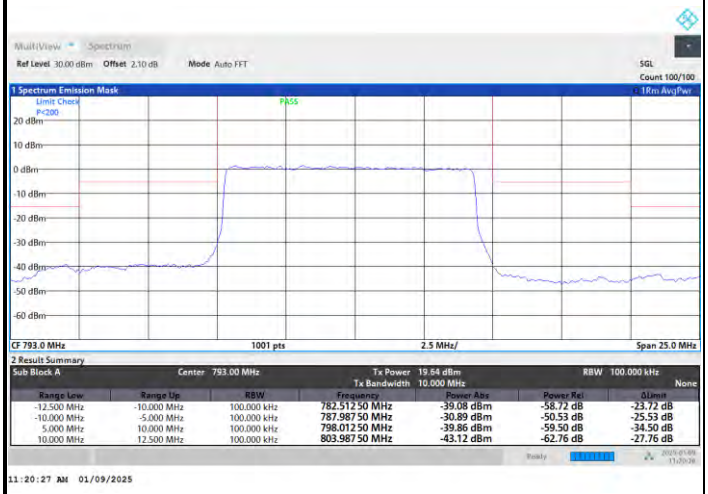
FR1 n14 / 10MHz / DFT-S OFDM / QPSK	
Middle Channel	
Full RB	
	

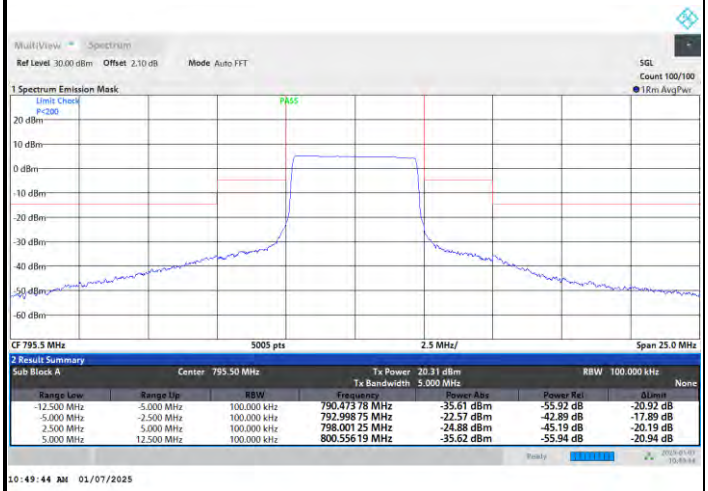
FR1 n14 / 10MHz / DFT-S OFDM / 16QAM	
Middle Channel	
Full RB	
	

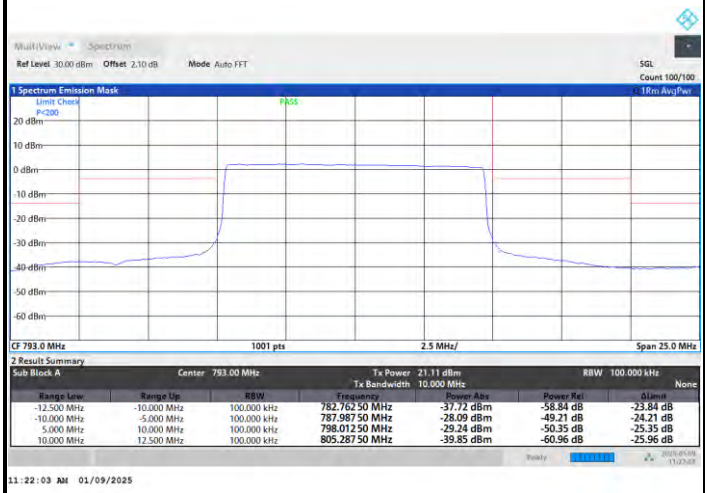
FR1 n14 / 10MHz / DFT-S OFDM / 64QAM	
Middle Channel	
Full RB	



FR1 n14 / 10MHz / DFT-S OFDM / 256QAM	
Middle Channel	
Full RB	



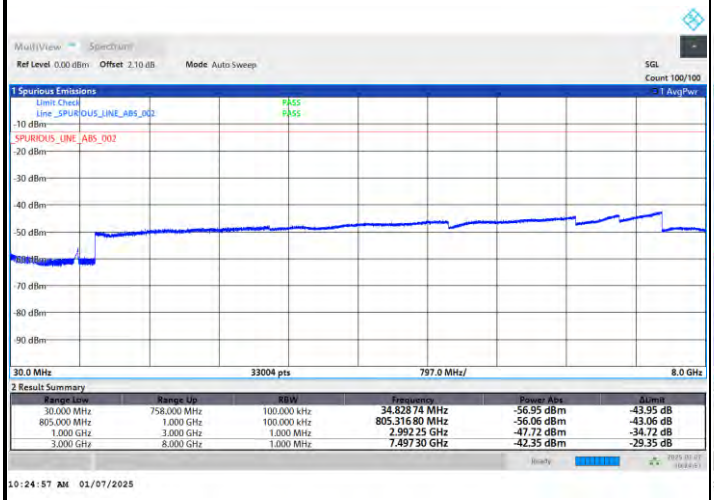
FR1 n14 / 5MHz / CP OFDM / QPSK / Full RB	
Highest Channel	
	

FR1 n14 / 10MHz / CP OFDM / QPSK / Full RB	
Middle Channel	
	

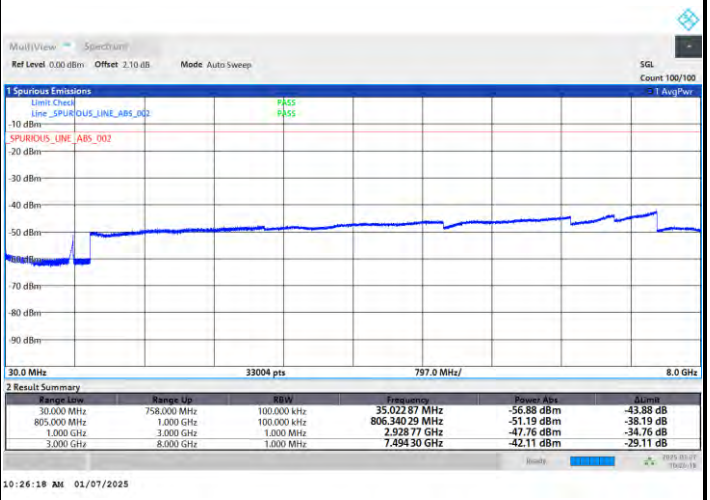
Conducted Spurious Emission

FR1 n14 / 5MHz / DFT-S OFDM / QPSK / 1RB1

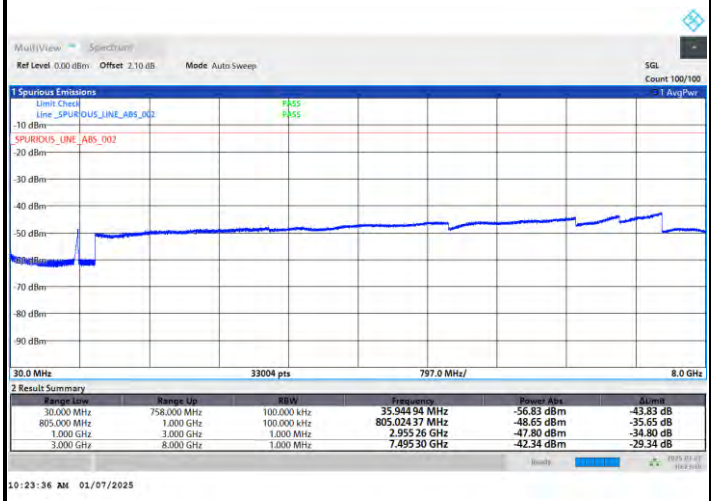
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n14 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0242	PASS
40	Normal Voltage	0.0206	
30	Normal Voltage	0.0076	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0204	
0	Normal Voltage	0.0245	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0143	
20	Normal Voltage	0.0090	
20	Minimum Voltage	0.0083	

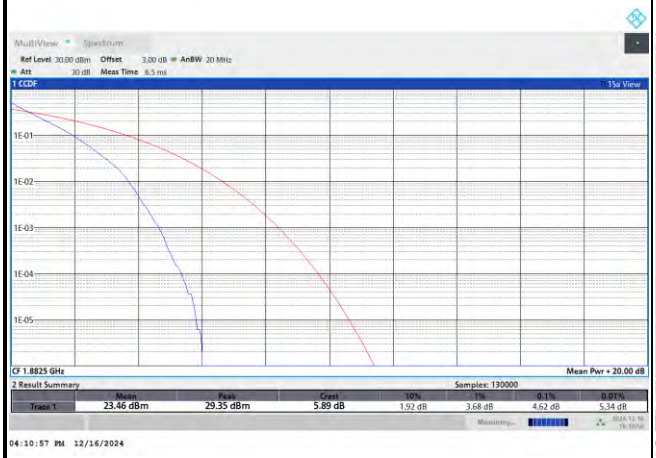
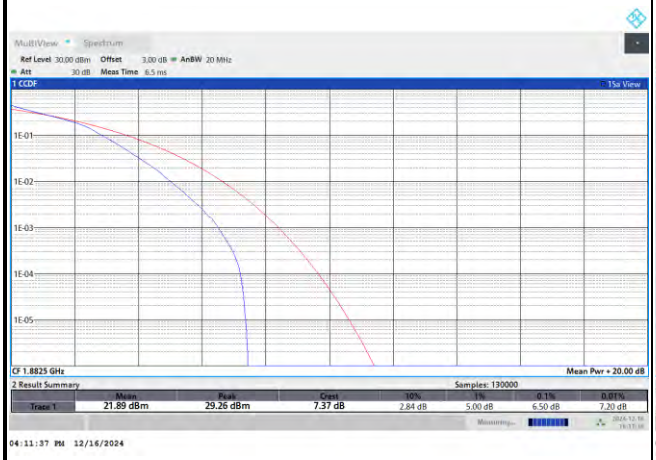
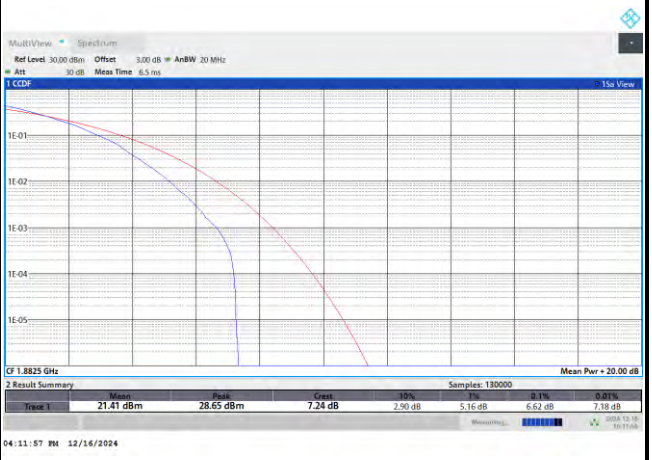
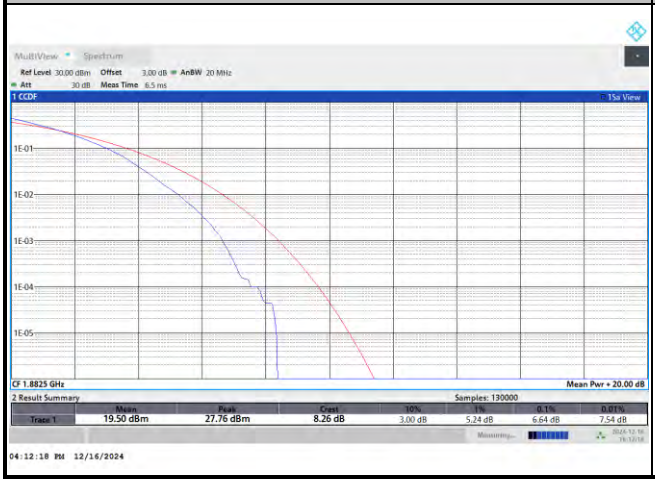
Note:

1. Normal Voltage = 3.9 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

FR1 n25

Peak-to-Average Ratio

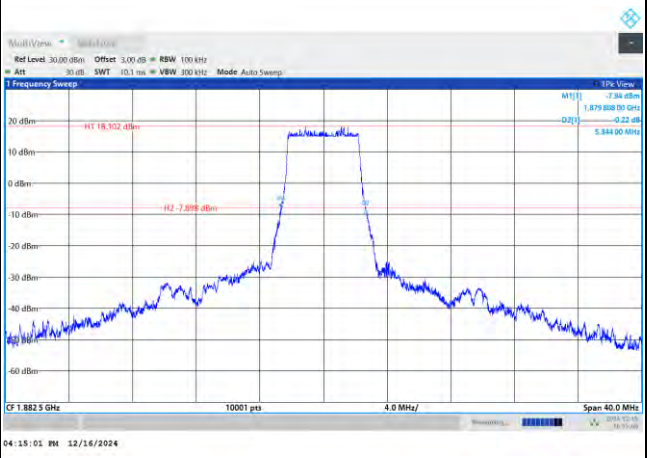
Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.62	5.86	6.50	6.62	PASS
Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.64				PASS

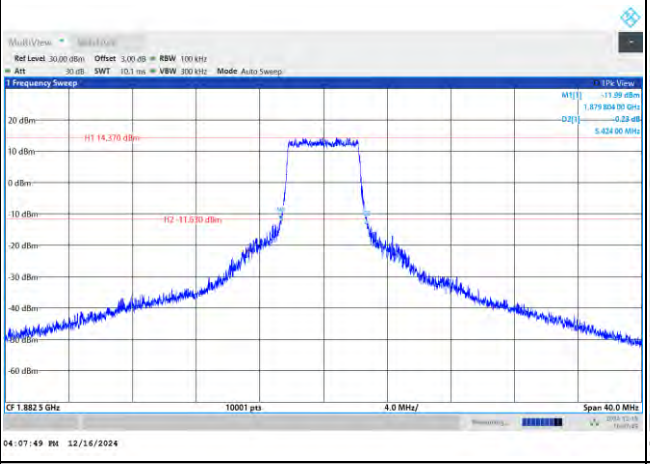
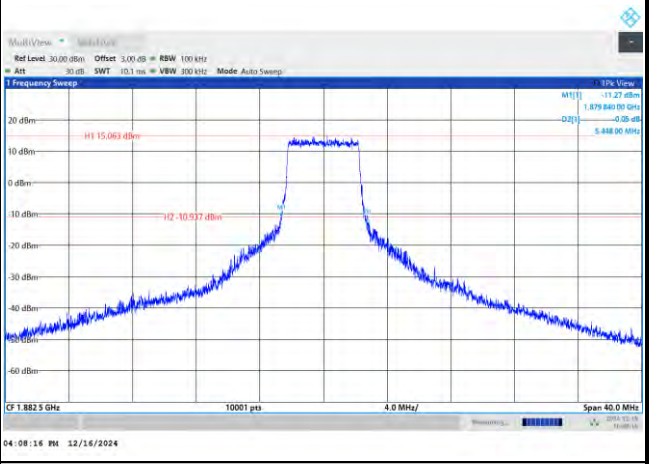
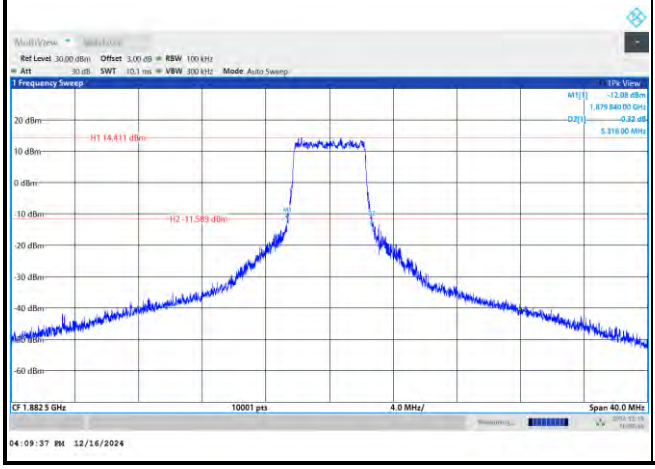
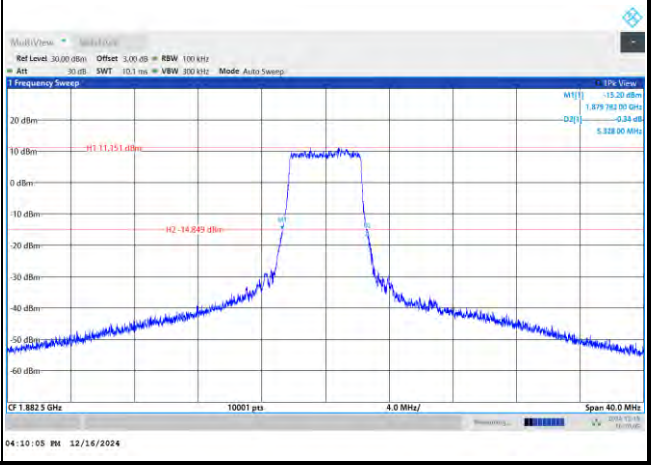
FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

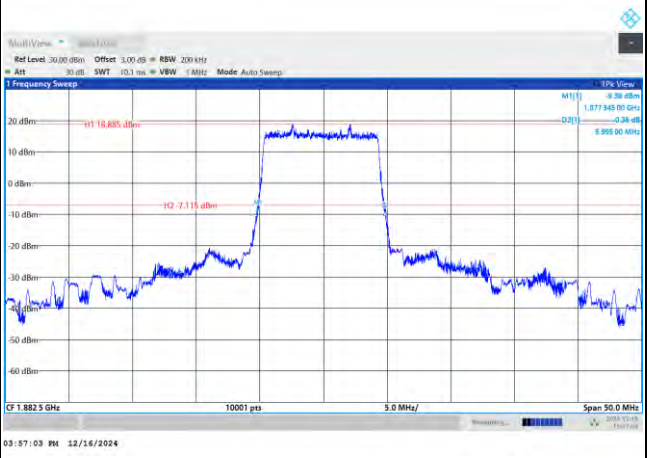
26dB Bandwidth

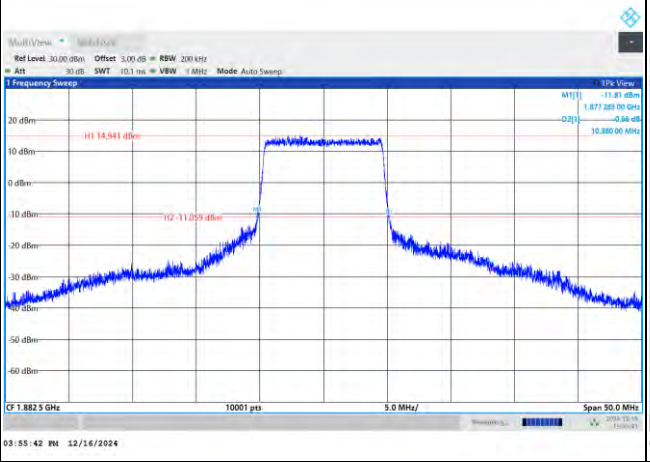
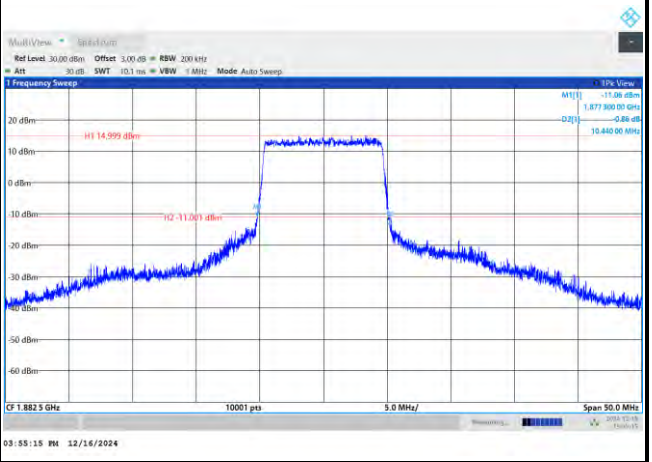
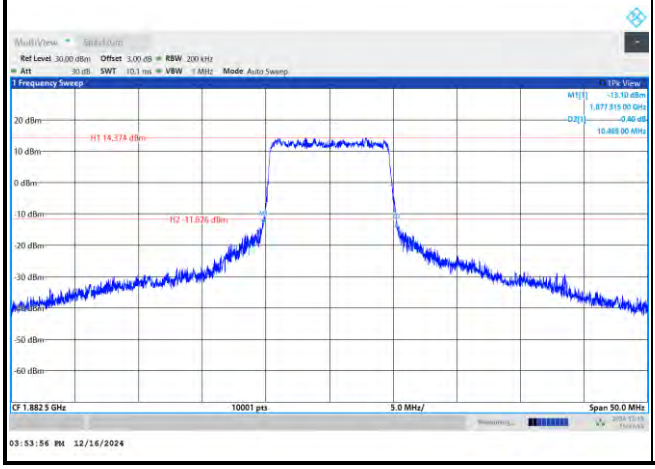
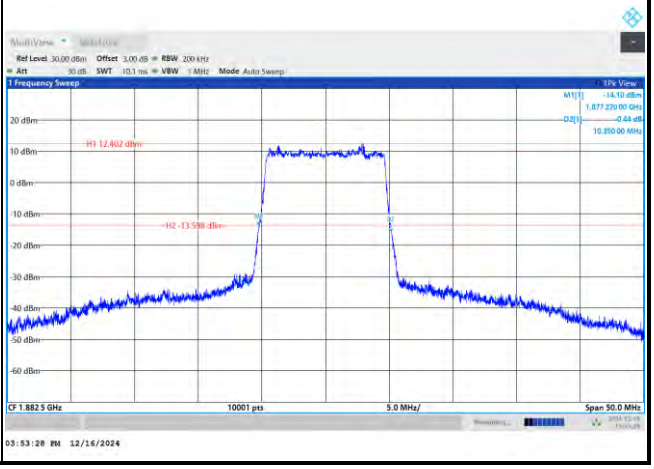
Mode	FR1 n25 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.34		9.99		14.68		19.58	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	25.03		33.23		36.36		43.25	

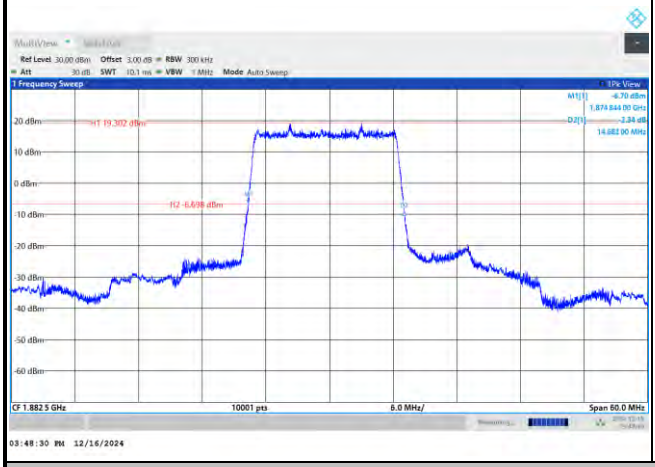
Mode	FR1 n25 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.42	5.44	10.38	10.44	15.44	15.35	21.34	21.43
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.31	5.32	10.46	10.35	15.47	15.46	21.53	21.41
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	27.31	26.34	33.14	33.64	38.21	38.10	43.38	43.37
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	26.18	26.04	33.11	33.21	38.86	38.36	43.24	43.47

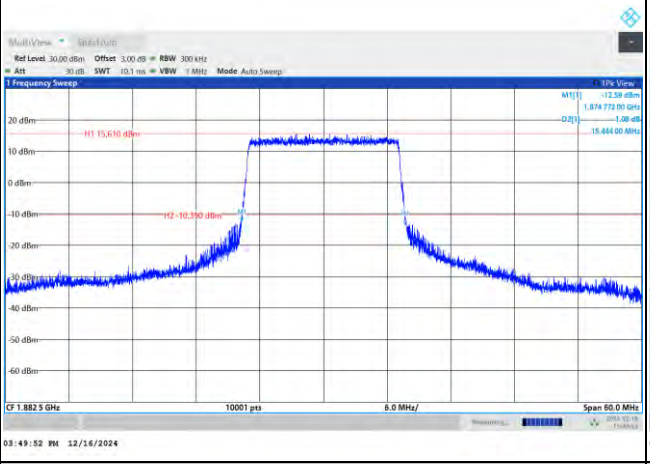
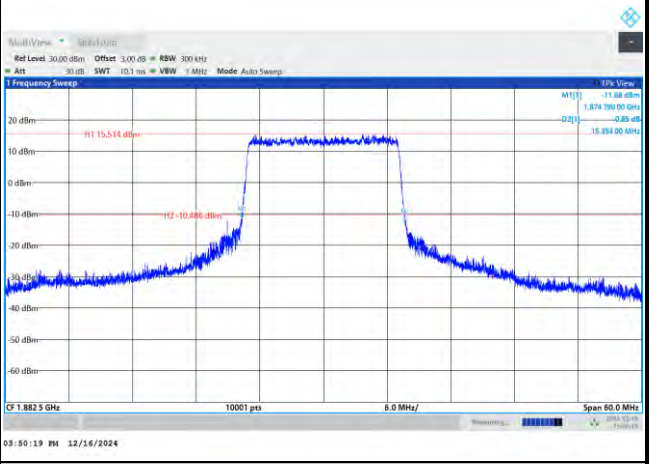
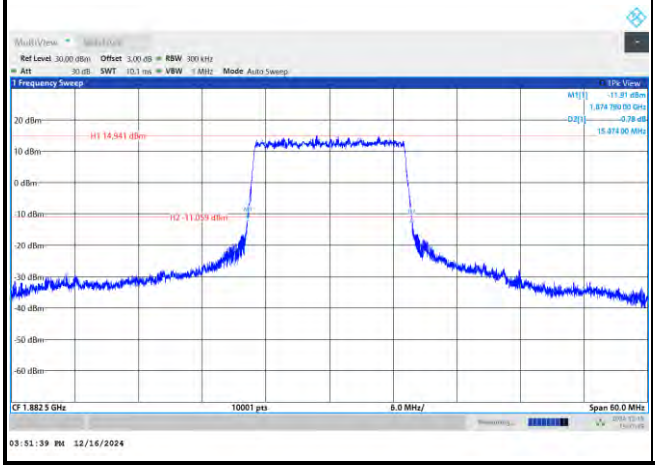
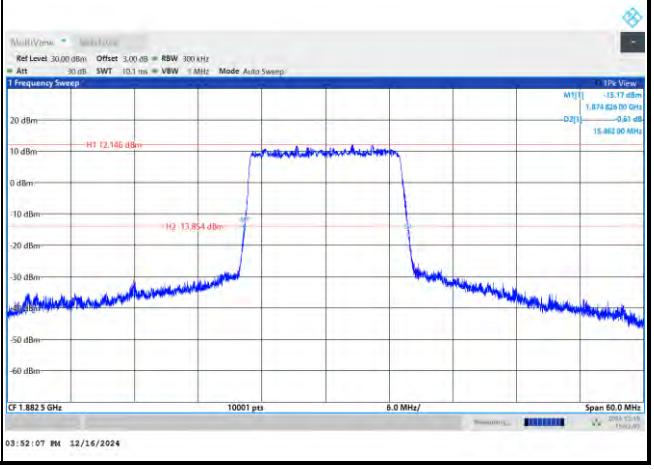
FR1 n25 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

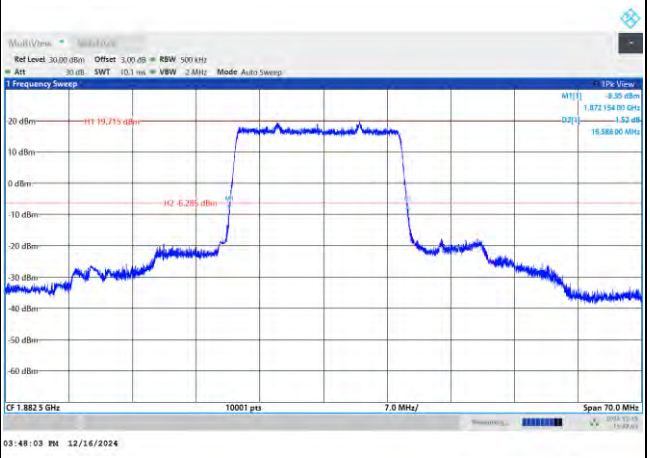
FR1 n25 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

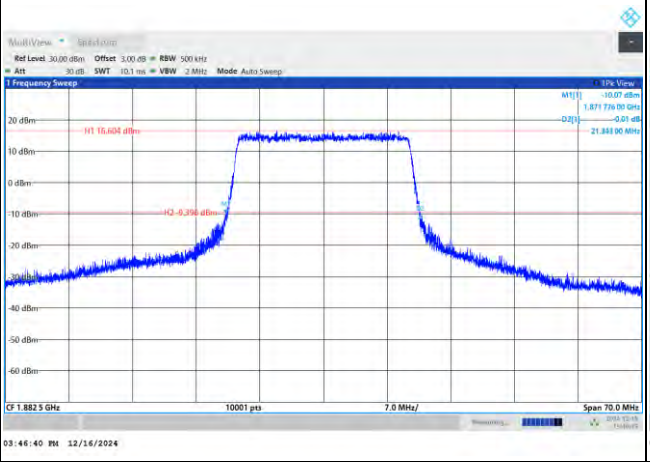
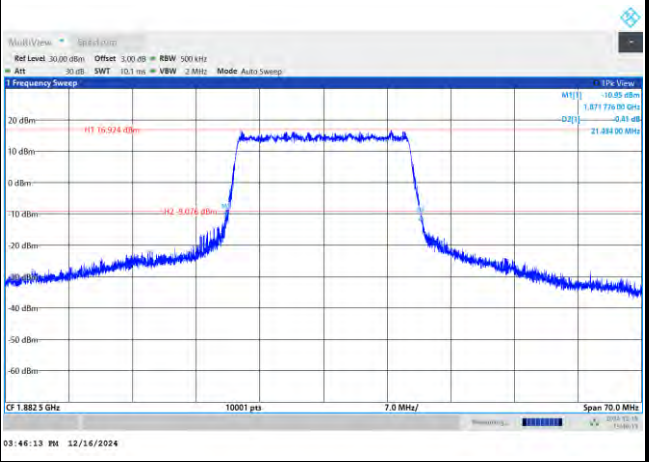
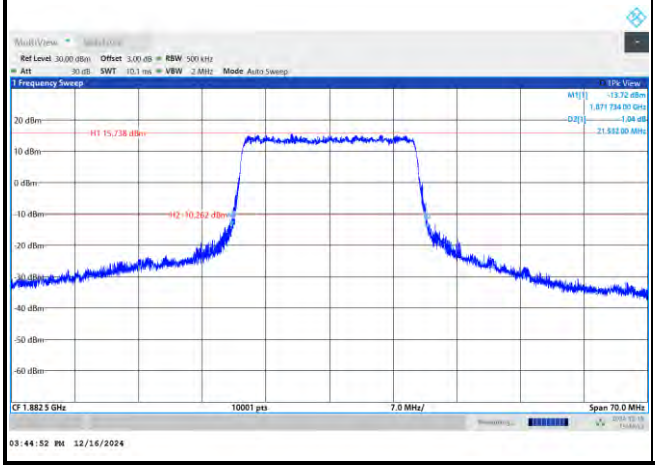
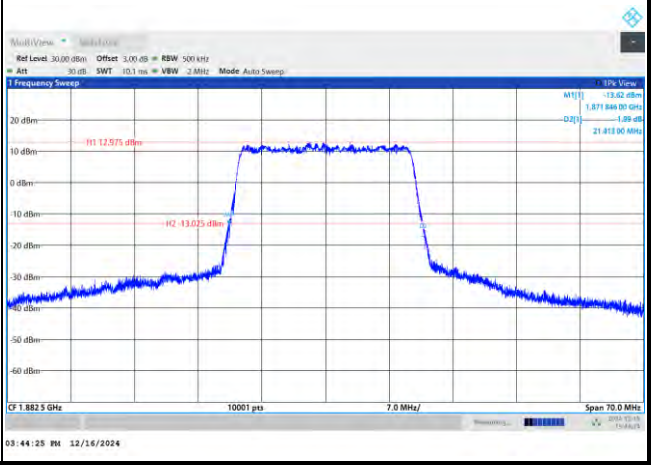
FR1 n25 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

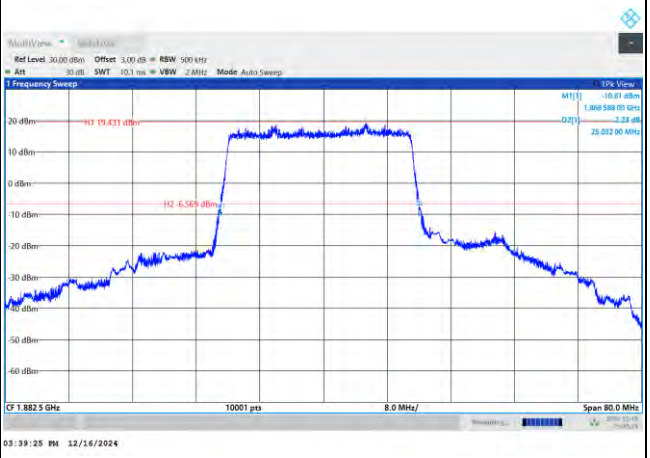
FR1 n25 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

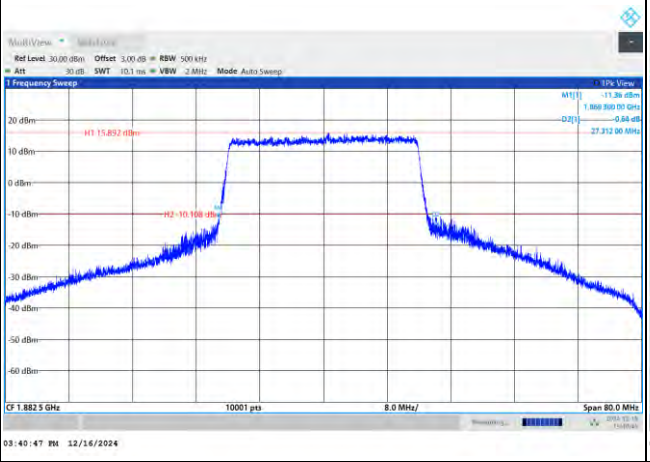
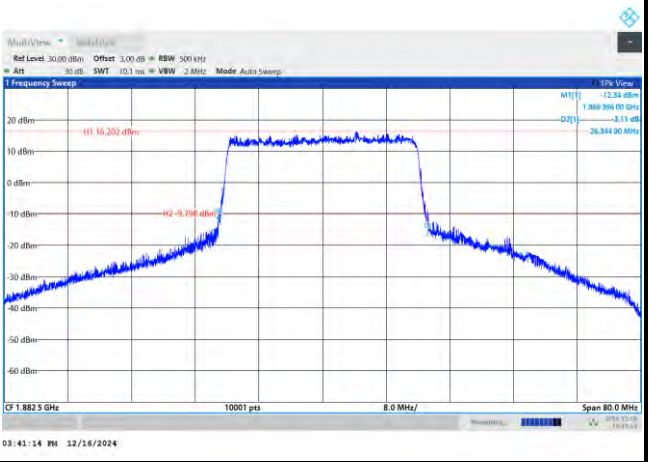
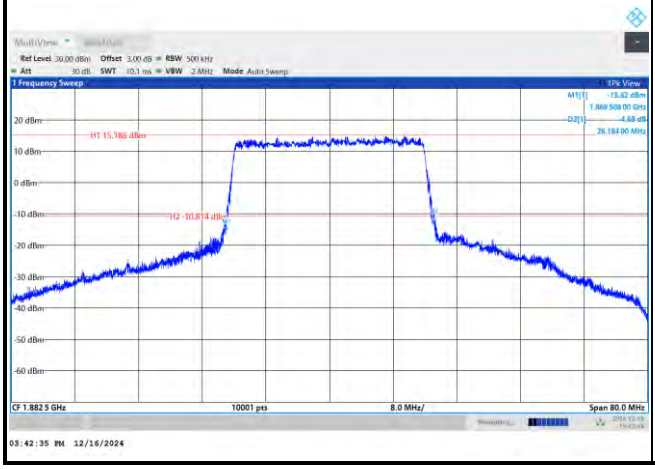
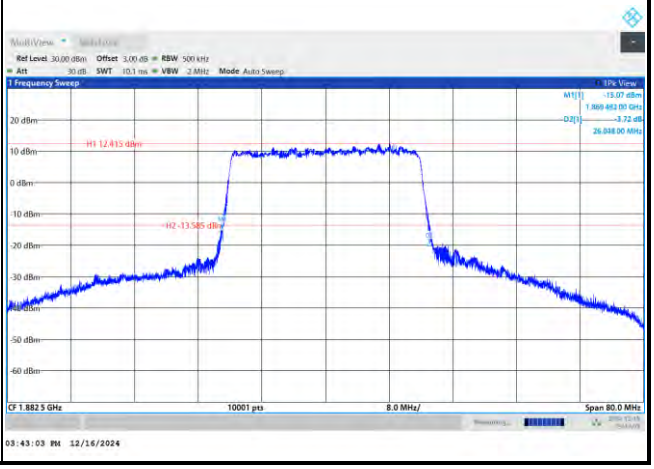
FR1 n25 / 15MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

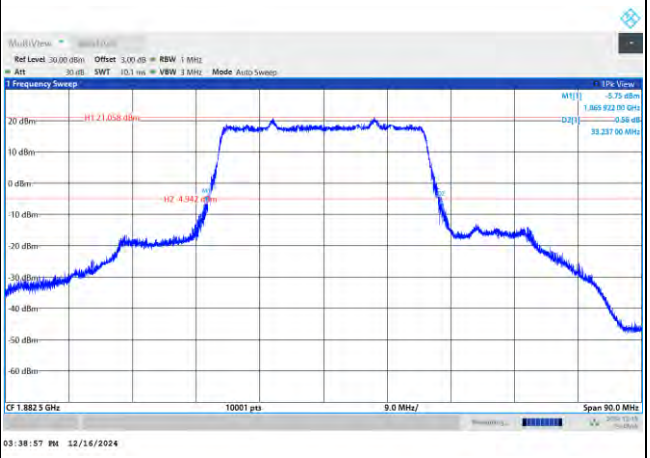
FR1 n25 / 15MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

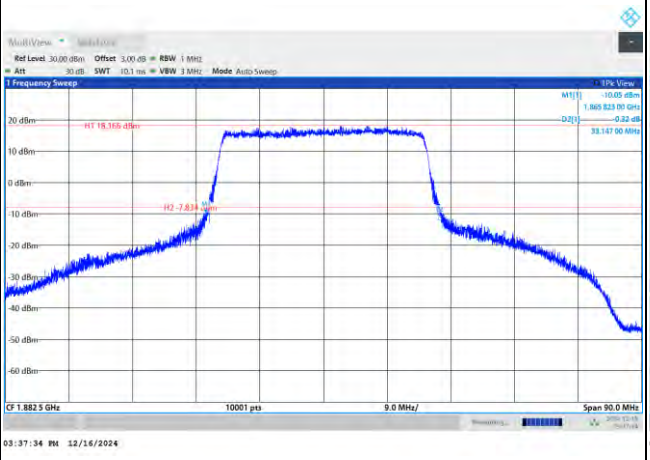
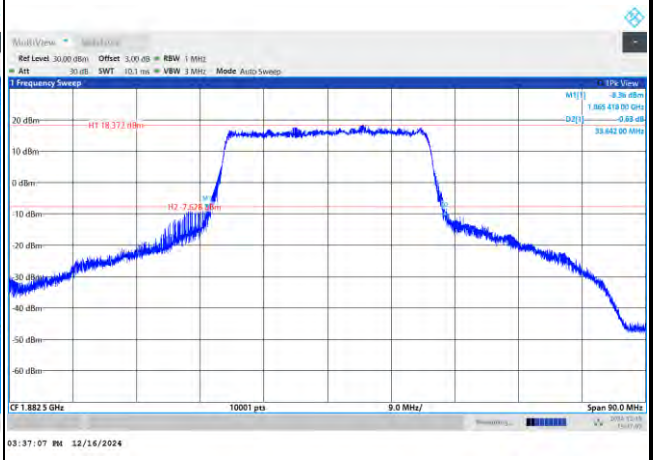
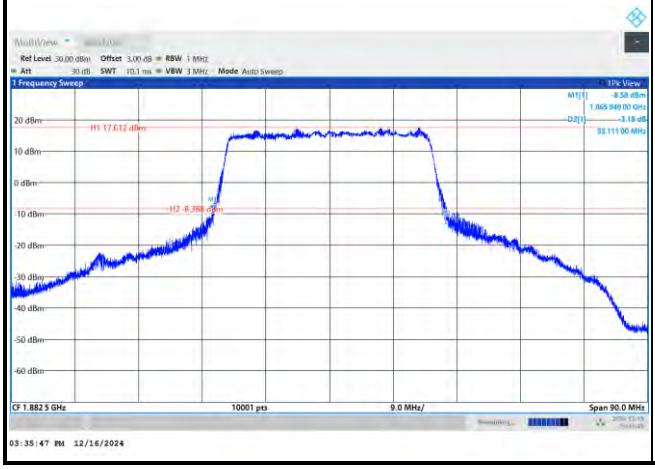
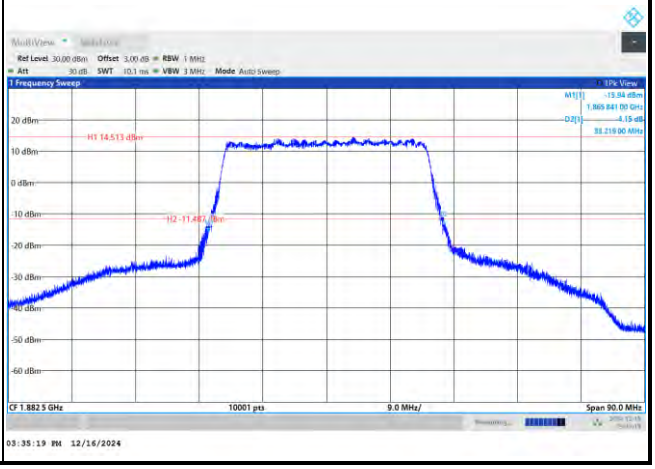
FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

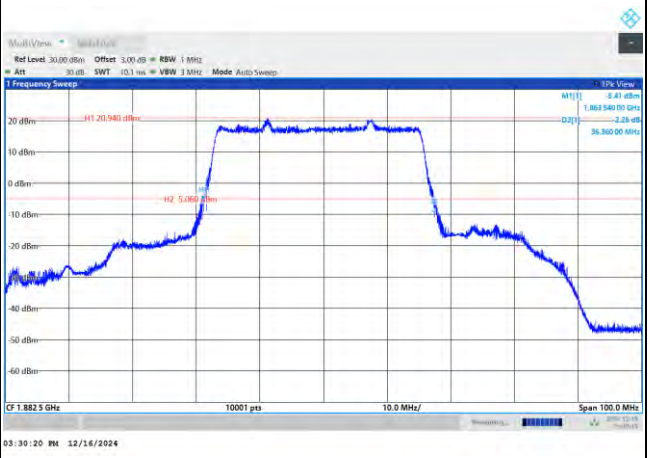
FR1 n25 / 20MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

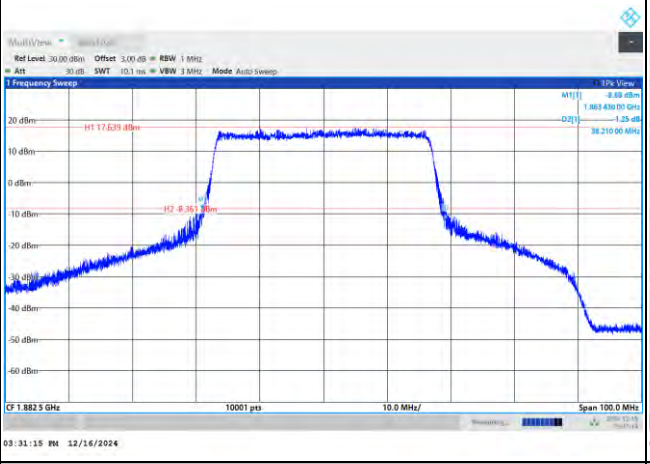
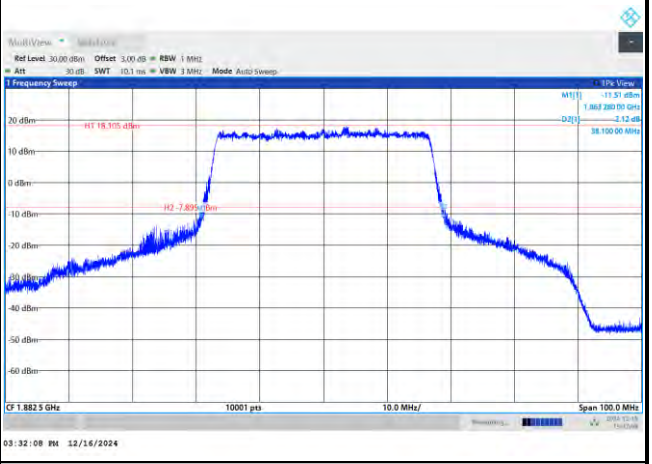
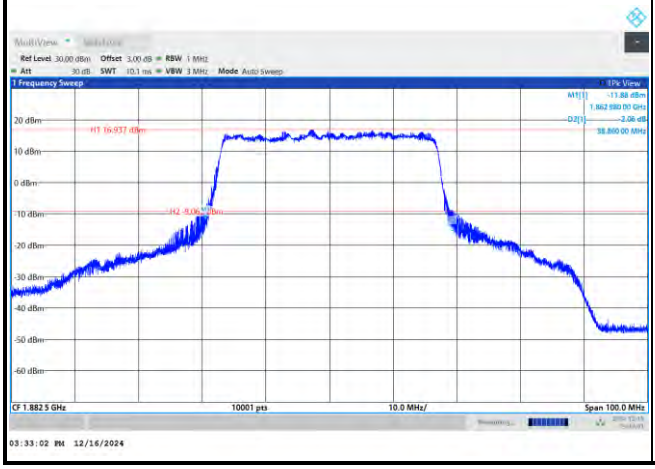
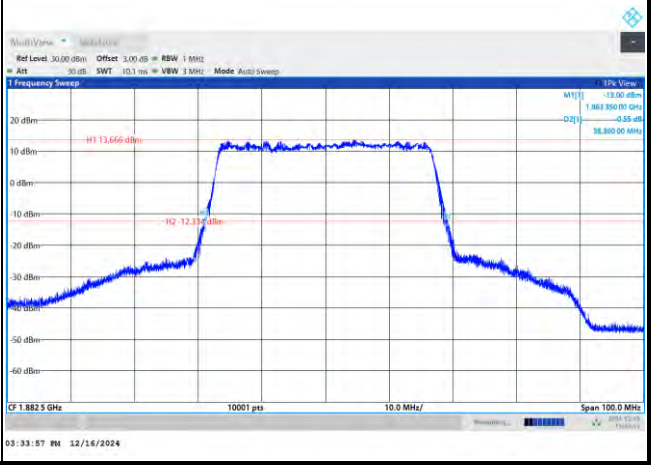
FR1 n25 / 25MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

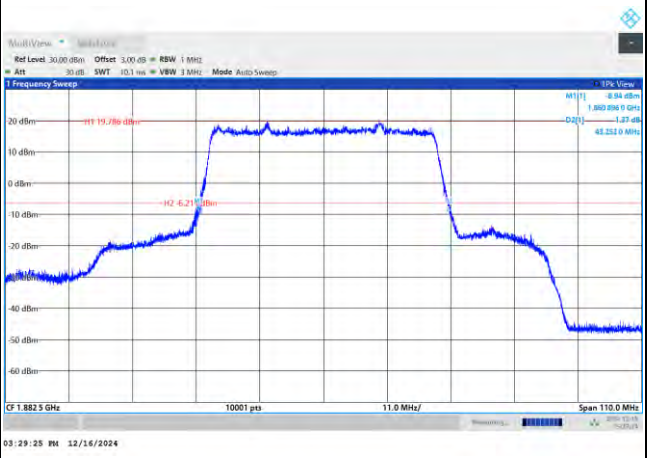
FR1 n25 / 25MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

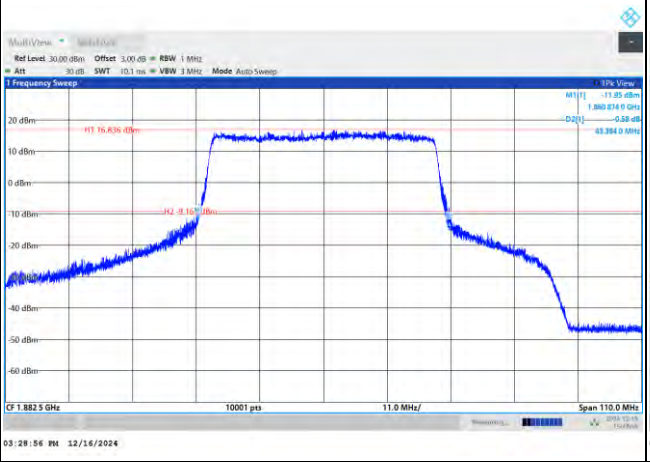
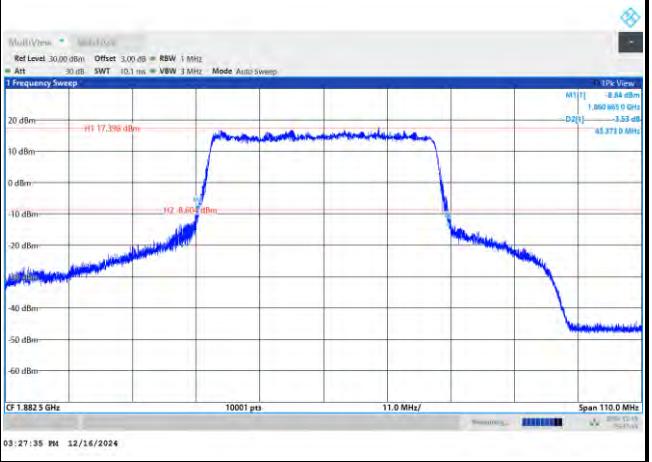
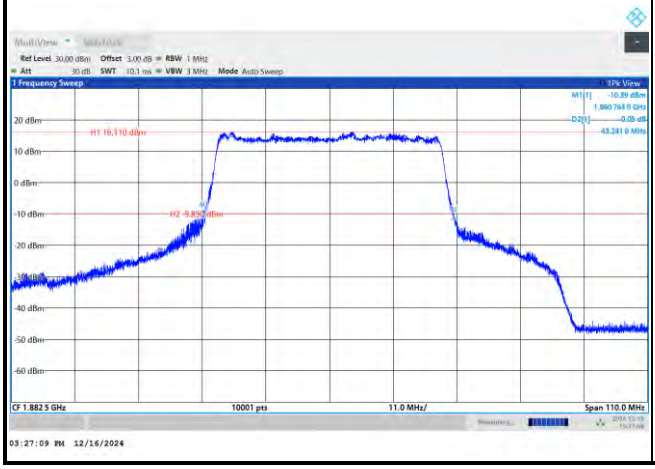
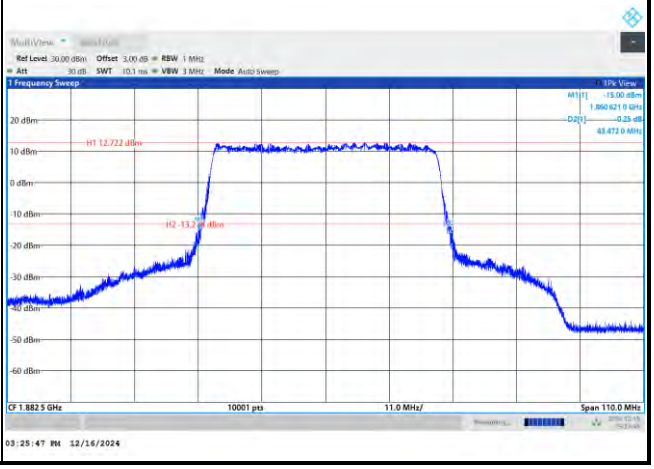
FR1 n25 / 30MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n25 / 30MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n25 / 35MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n25 / 35MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n25 / 40MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n25 / 40MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

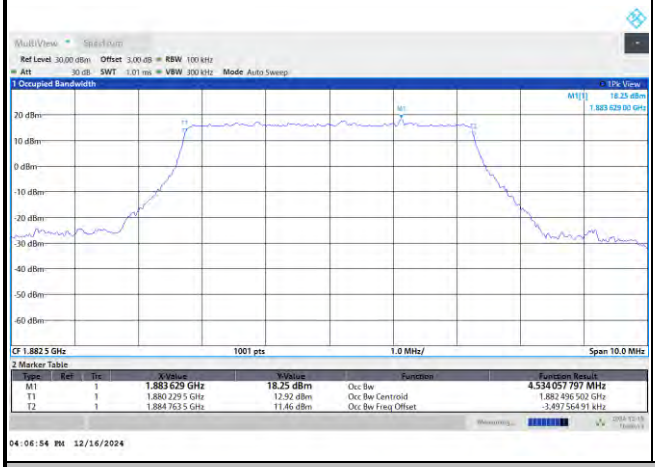
Occupied Bandwidth

Mode	FR1 n25 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.53		9.01		13.52		18.04	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	23.00		29.12		32.61		38.98	

Mode	FR1 n25 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.53	4.52	9.35	9.35	14.19	14.19	19.09	19.08
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.51	4.51	9.37	9.35	14.20	14.19	19.09	19.12
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	23.85	23.81	28.95	28.98	33.87	33.92	38.82	38.89
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	23.91	23.80	28.95	28.89	33.94	33.89	38.79	38.84

FR1 n25 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

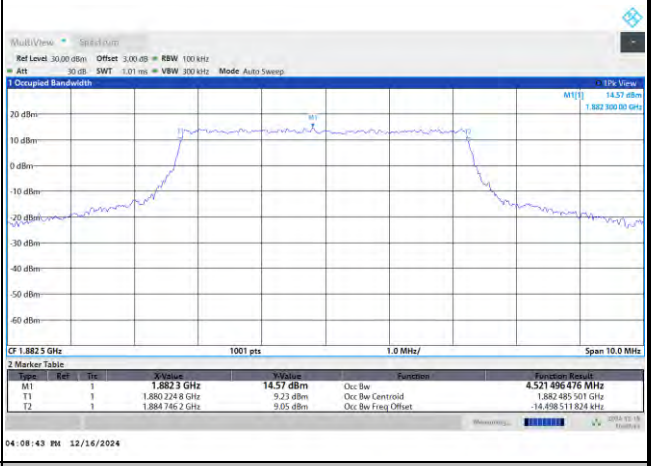
PI/2 BPSK



FR1 n25 / 5MHz / CP OFDM / Middle Channel / Full RB

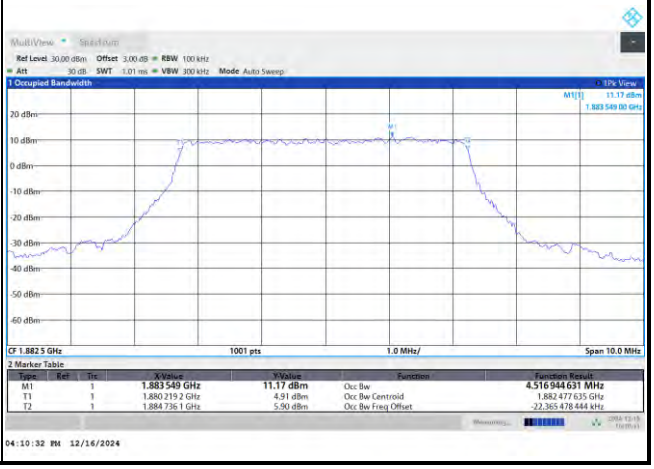
QPSK

16QAM



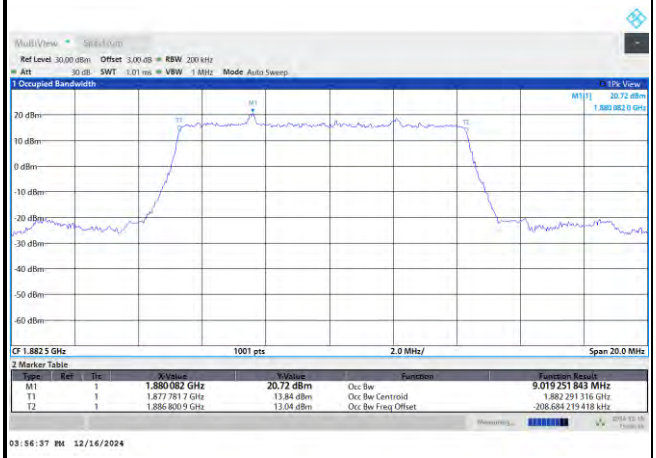
64QAM

256QAM



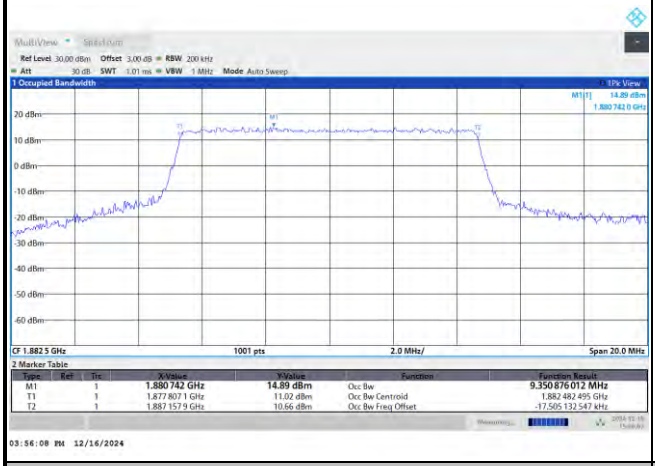
FR1 n25 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



FR1 n25 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK



16QAM

64QAM

256QAM