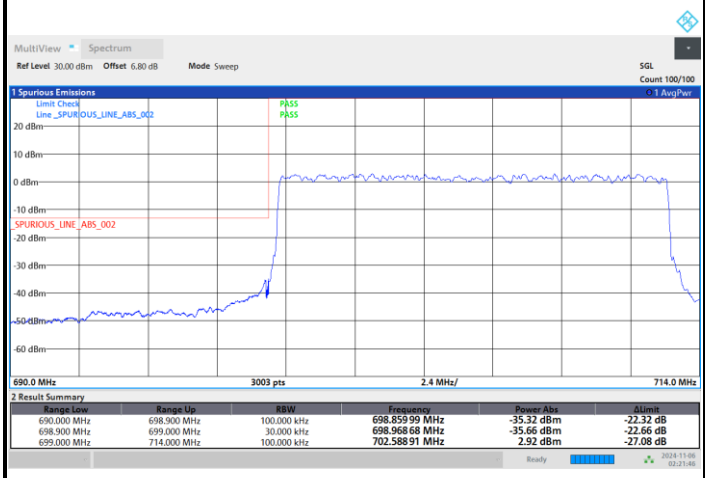
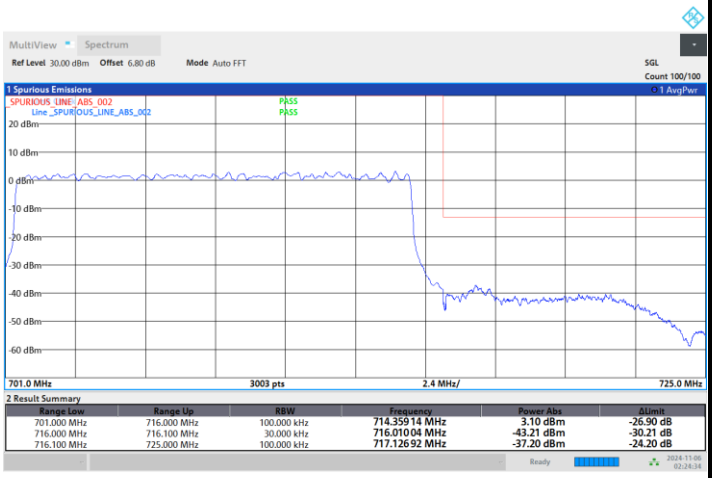
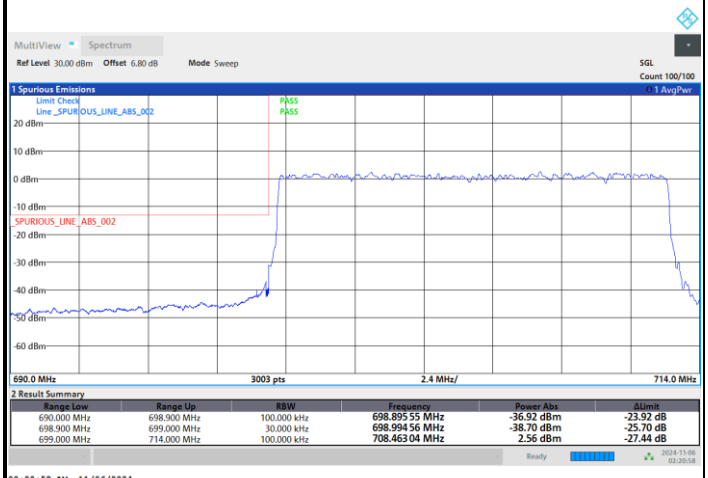
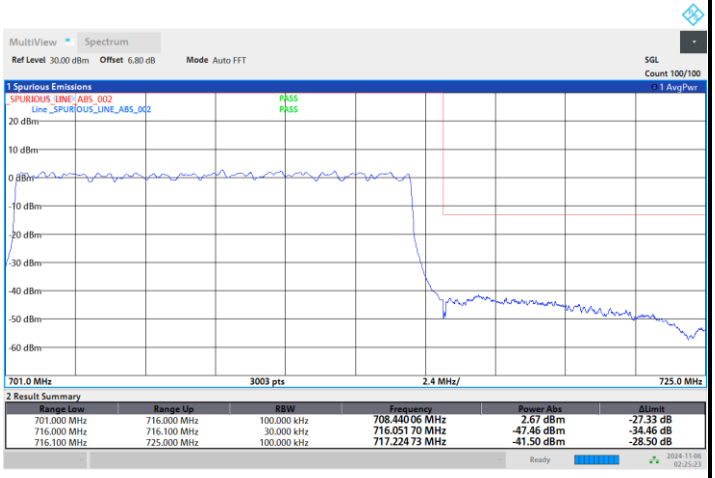
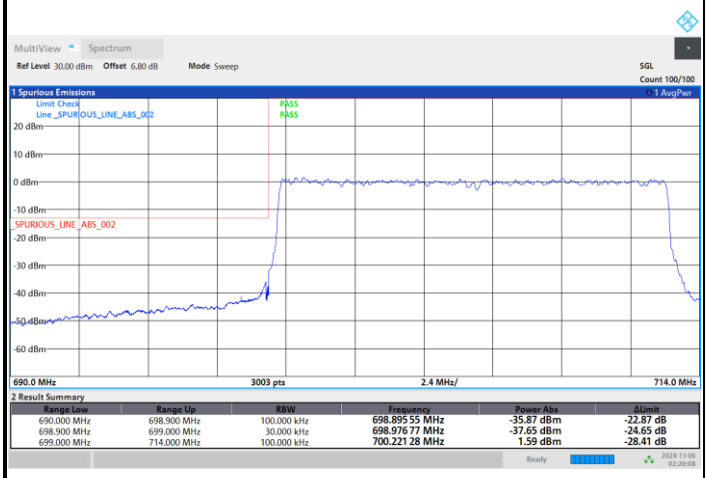
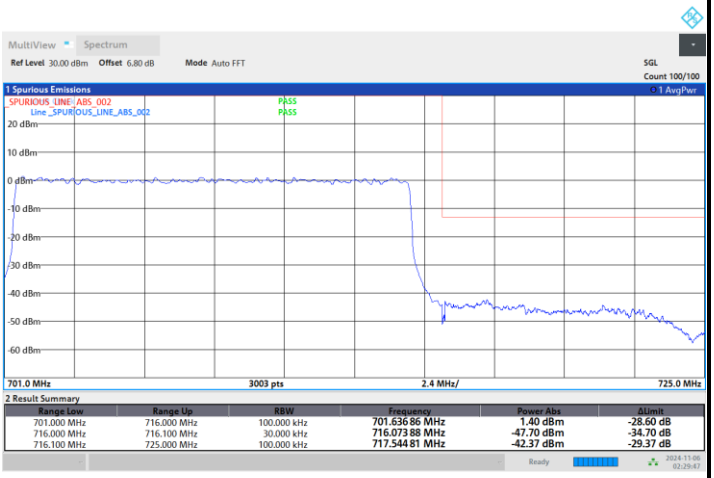
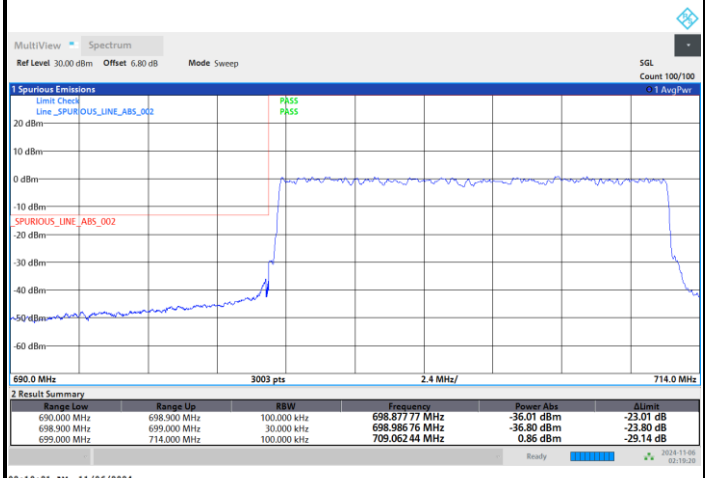
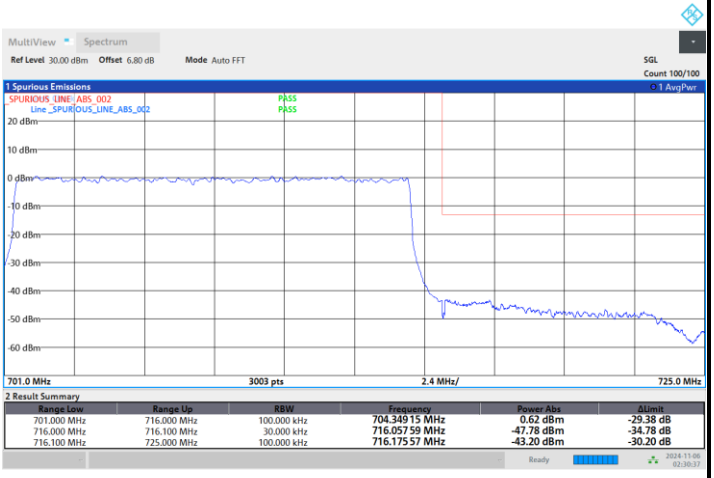
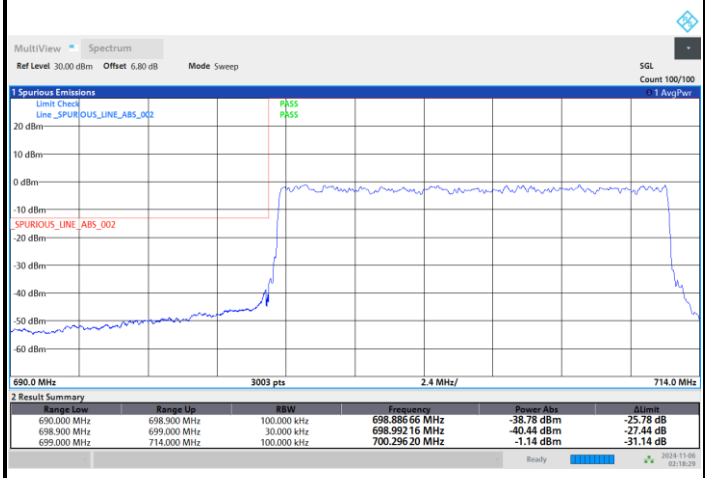
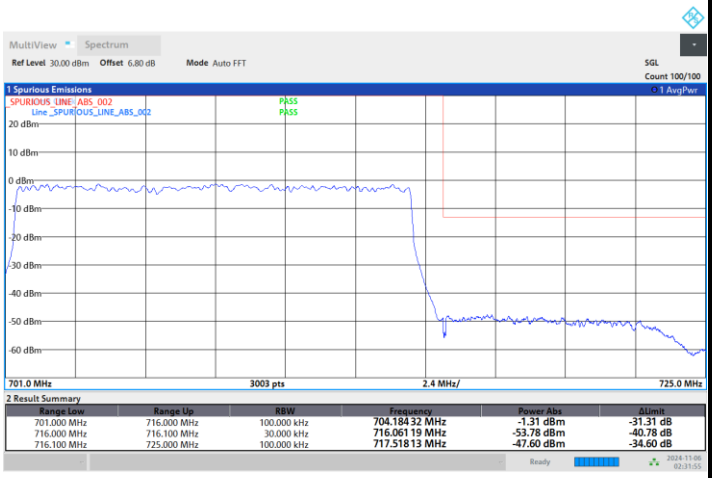
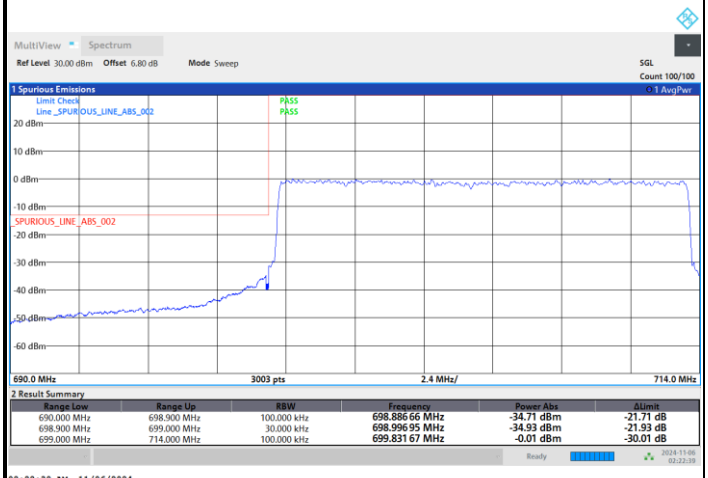
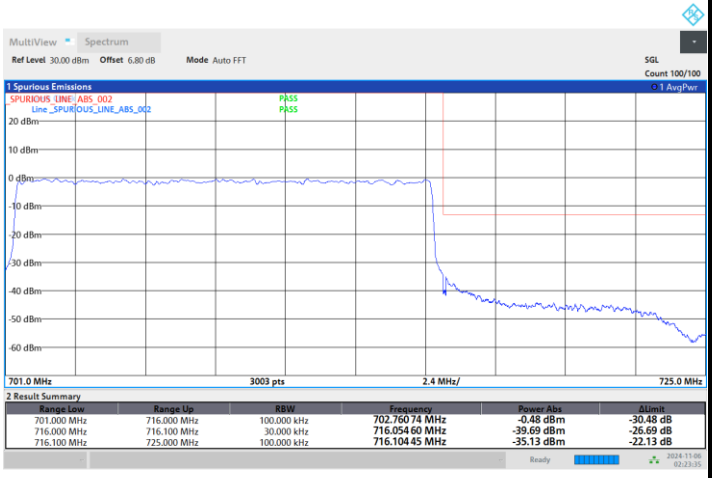
FR1 n12 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

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

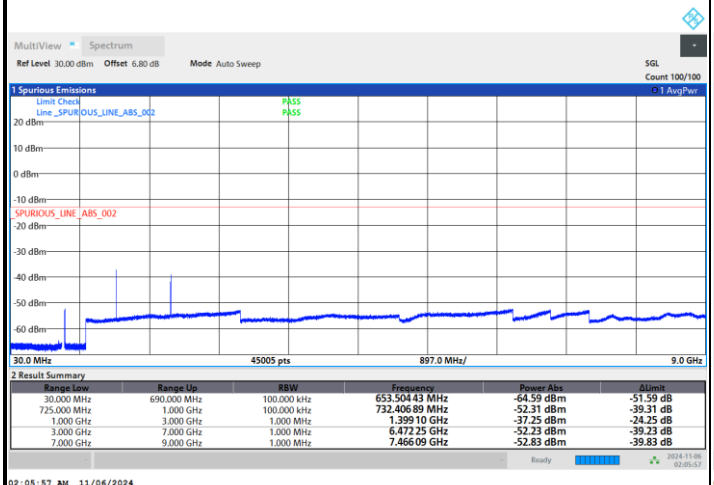
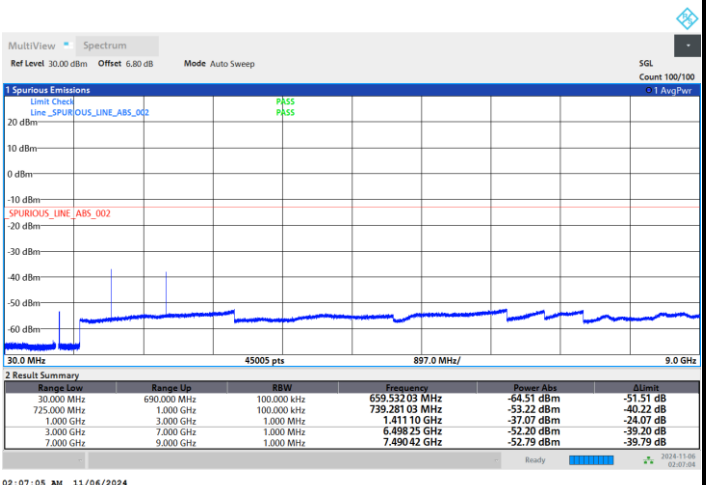
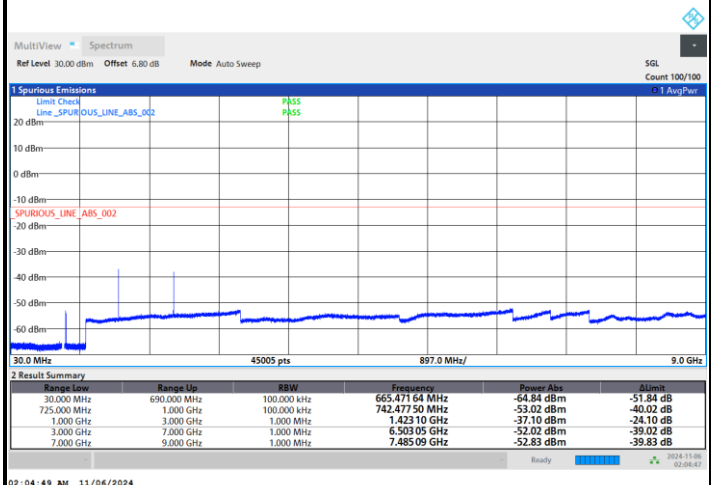
FR1 n12 / 15MHz / DFT-s-OFDM / 16QAM / Full RB	
Lowest Band Edge	Highest Band Edge
	

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 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0024	

Note:

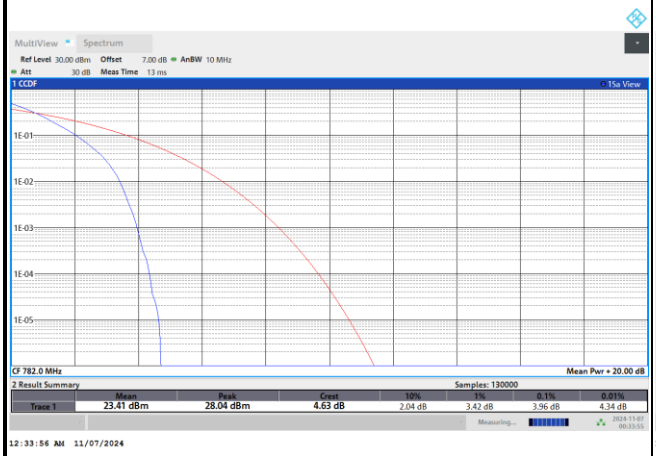
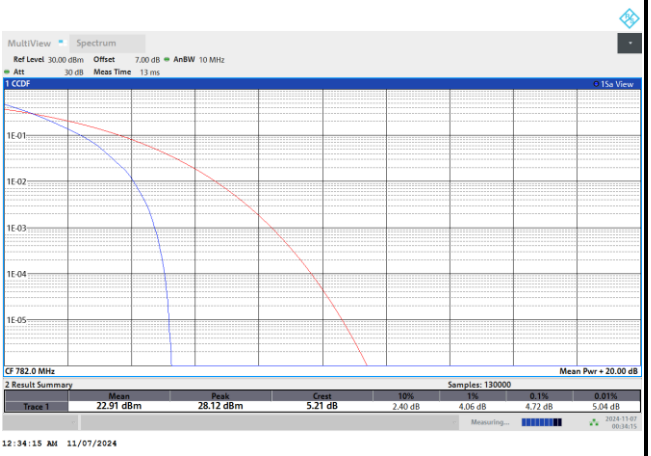
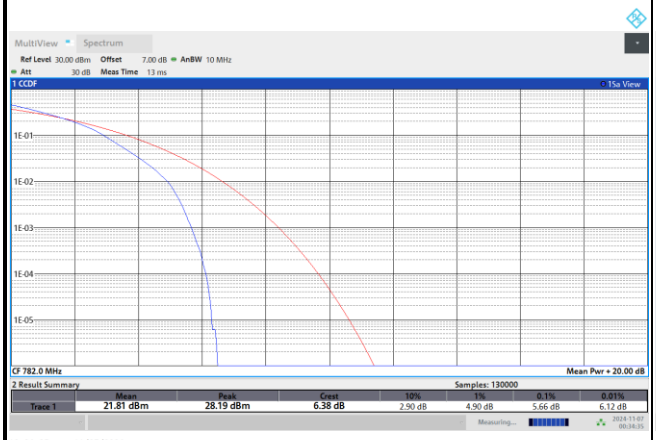
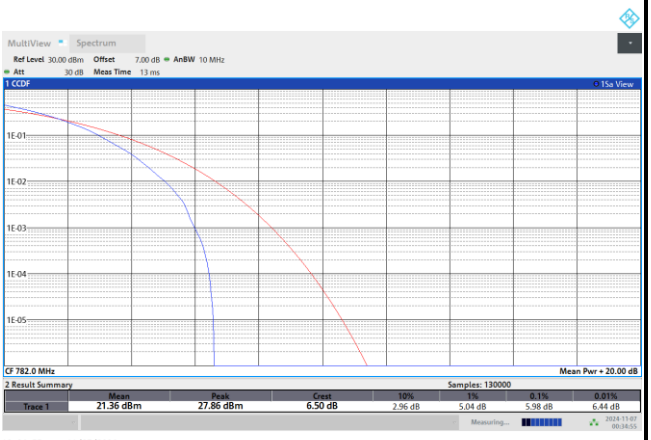
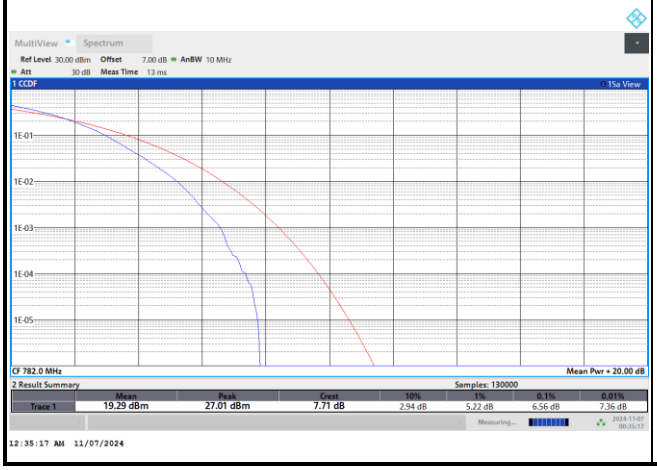
1. Normal Voltage = 3.3 V.；Minimum Voltage = 3.135 V.；Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

FR1 n13

<SISO Mode>

Peak-to-Average Ratio

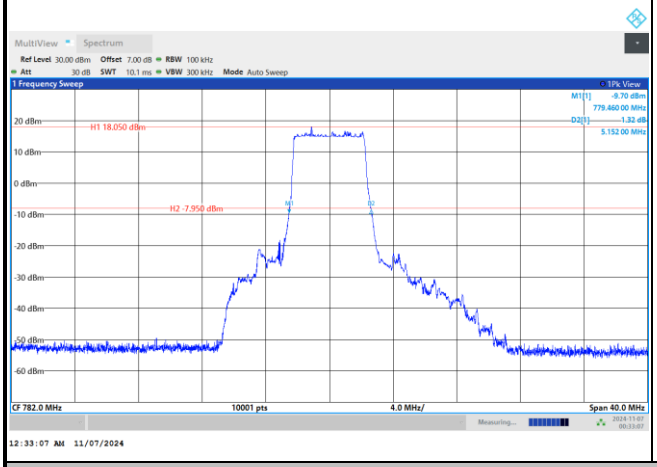
Mode	FR1 n13 / 10MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.96	4.72	5.66	5.98	PASS
Mode	FR1 n13 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.56				PASS

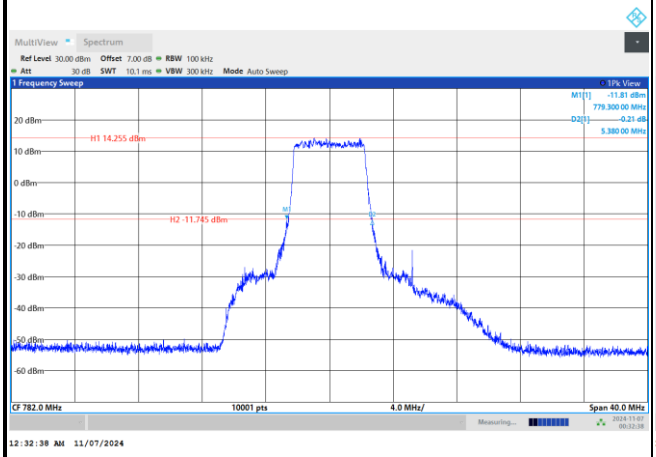
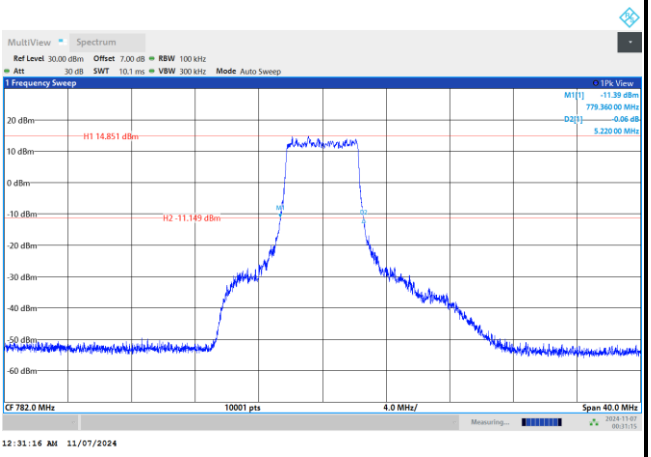
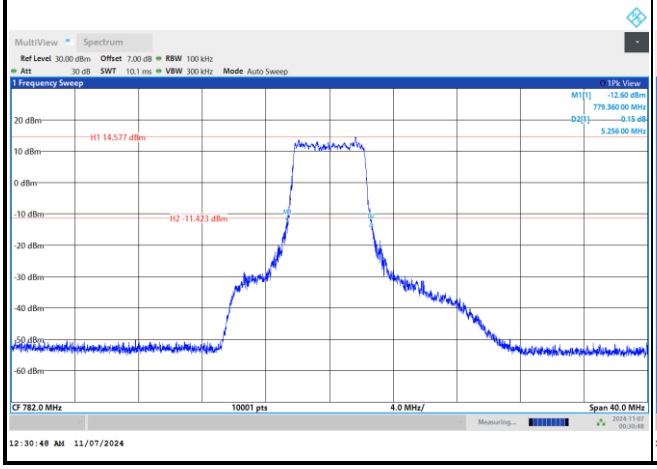
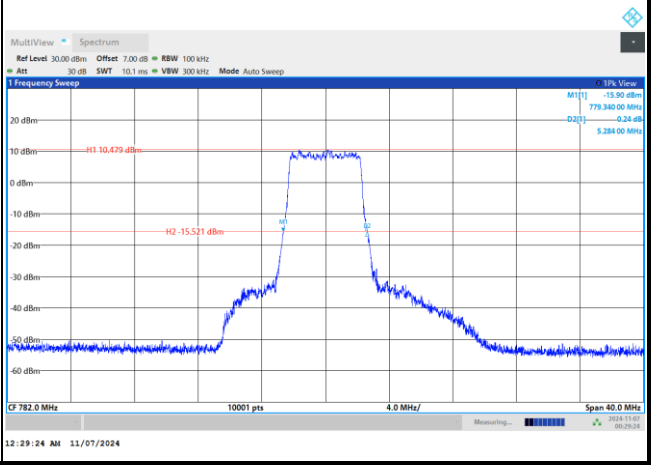
FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

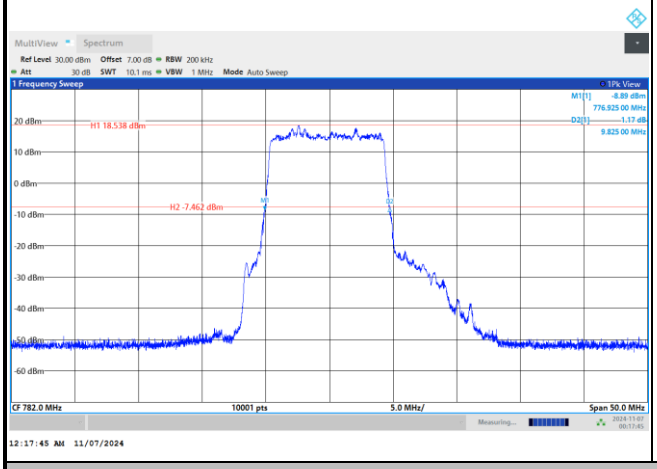
26dB Bandwidth

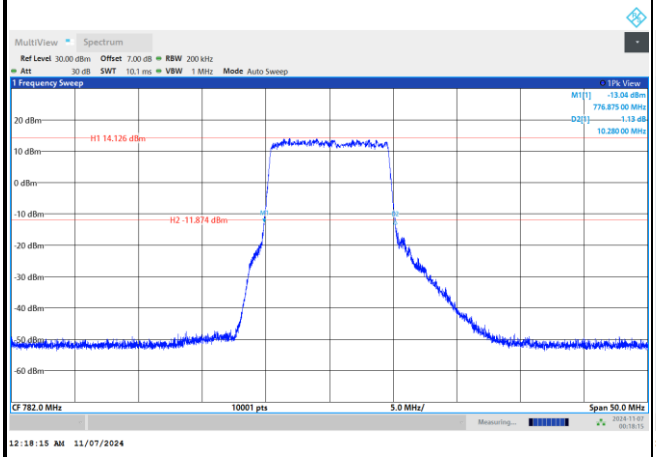
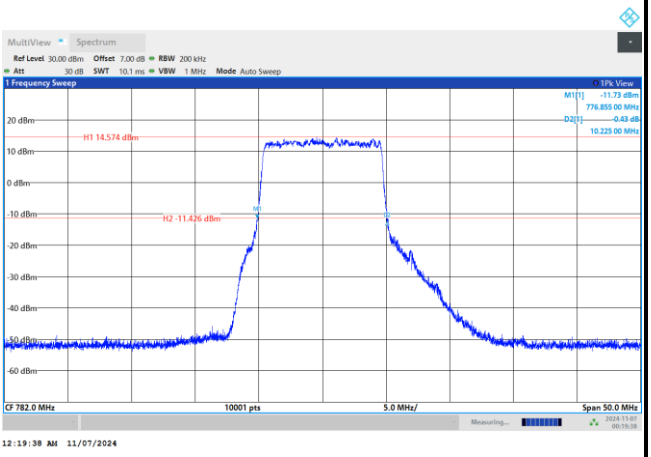
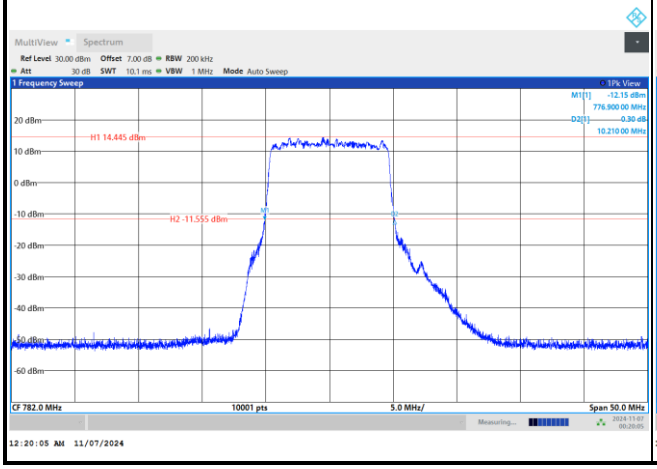
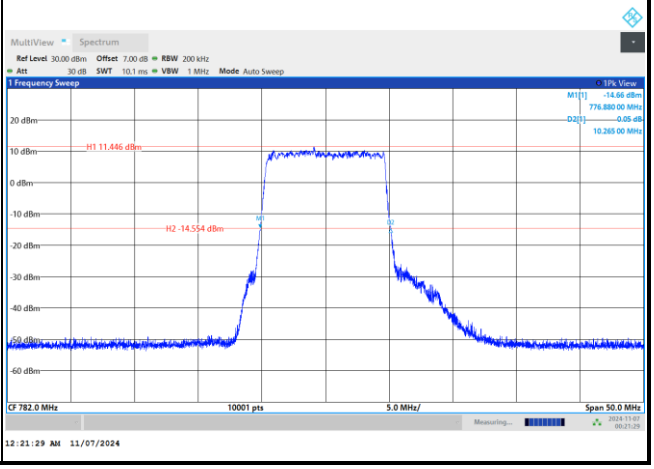
Mode	FR1 n13 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	5.15		9.82					

Mode	FR1 n13 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	5.38	5.22	10.28	10.22				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	5.25	5.28	10.21	10.26				

FR1 n13 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n13 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

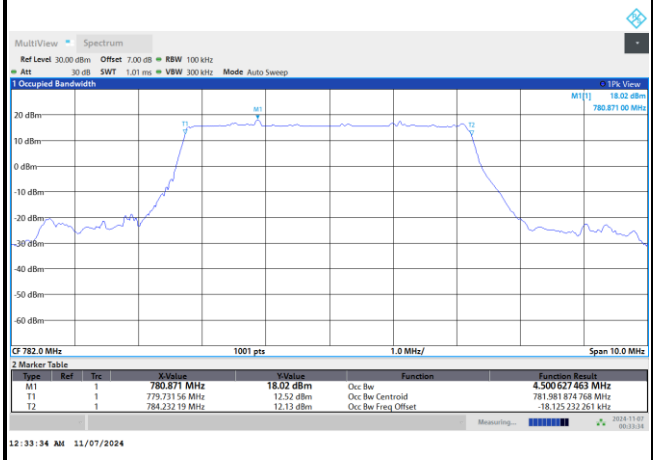
FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

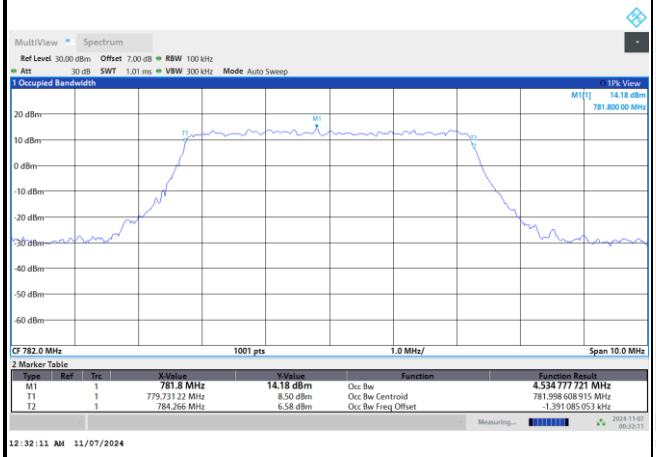
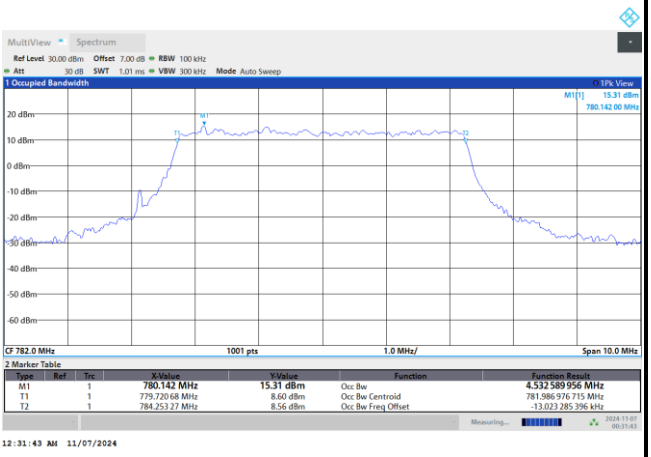
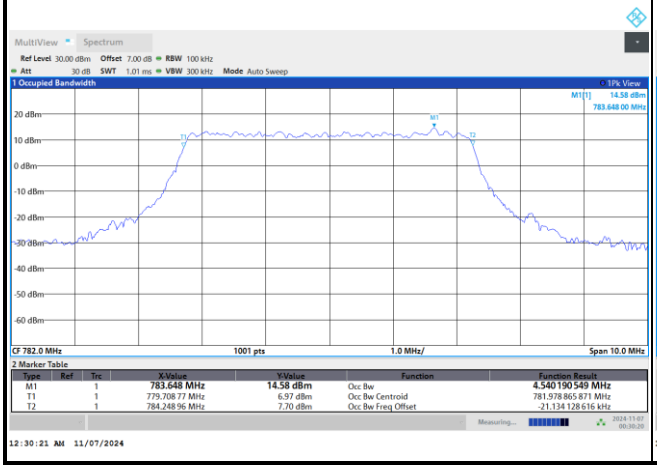
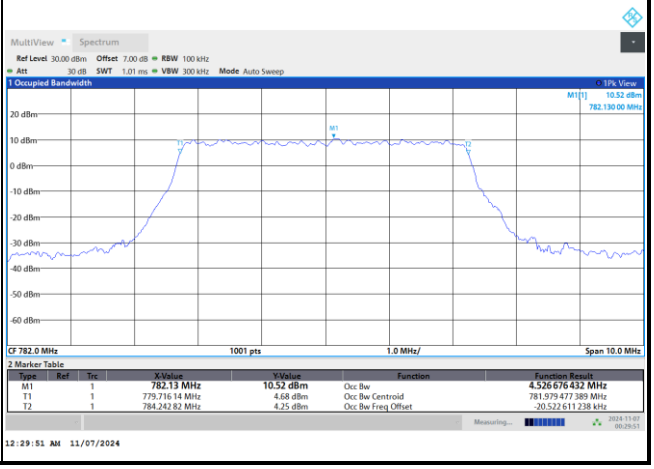
FR1 n13 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

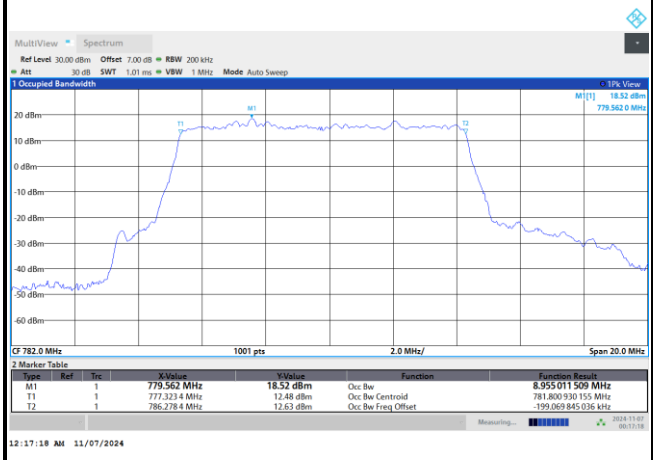
Occupied Bandwidth

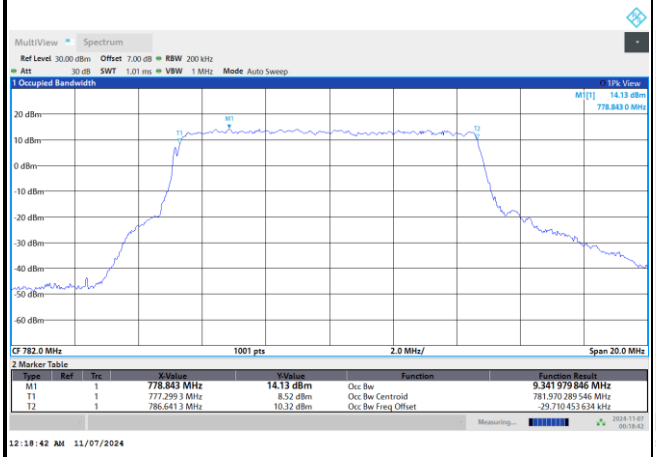
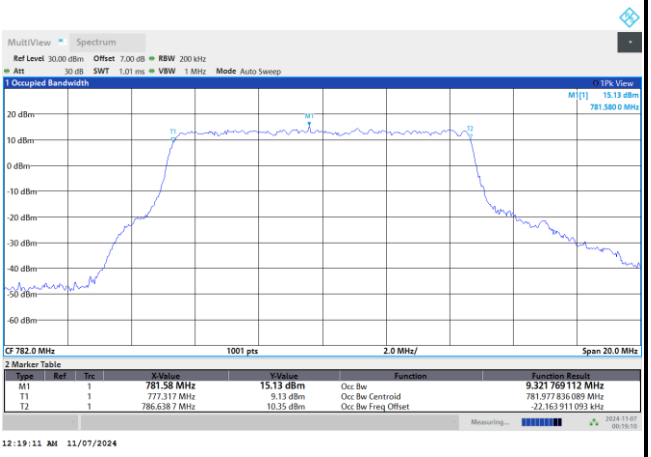
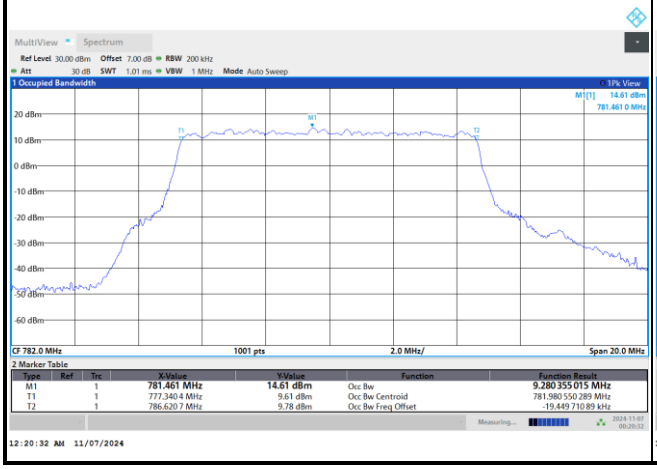
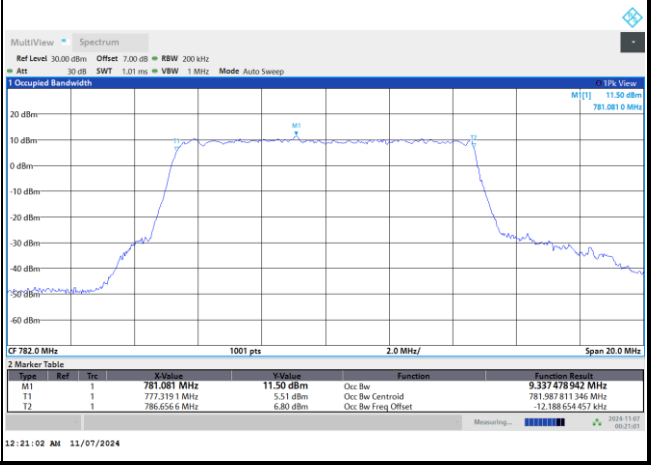
Mode	FR1 n13 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.50		8.95					

Mode	FR1 n13 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.53	4.53	9.34	9.32				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.54	4.52	9.28	9.33				

FR1 n13 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n13 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

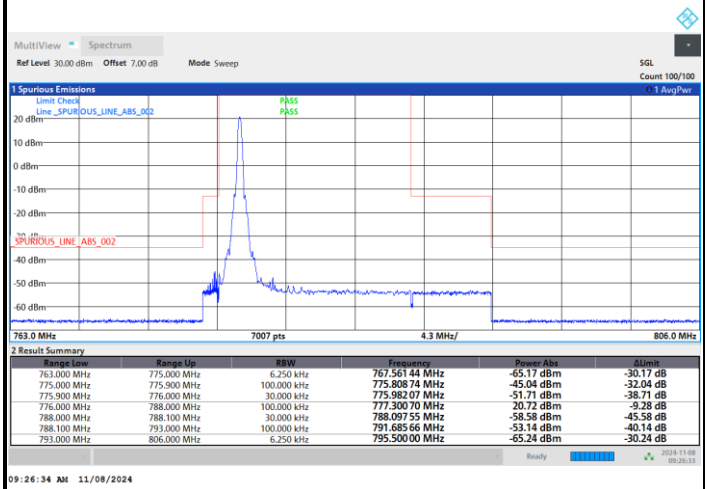
FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n13 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

Conducted Band Edge

FR1 n13 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	767.561 44 MHz	-65.17 dBm	-30.17 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.808 74 MHz	-45.04 dBm	-32.04 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.982 07 MHz	-51.71 dBm	-38.71 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.300 70 MHz	20.72 dBm	-9.28 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.097 55 MHz	-58.58 dBm	-45.58 dB
788.100 MHz	793.000 MHz	100.000 kHz	791.685 66 MHz	-53.14 dBm	-40.14 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.500 00 MHz	-65.24 dBm	-30.24 dB

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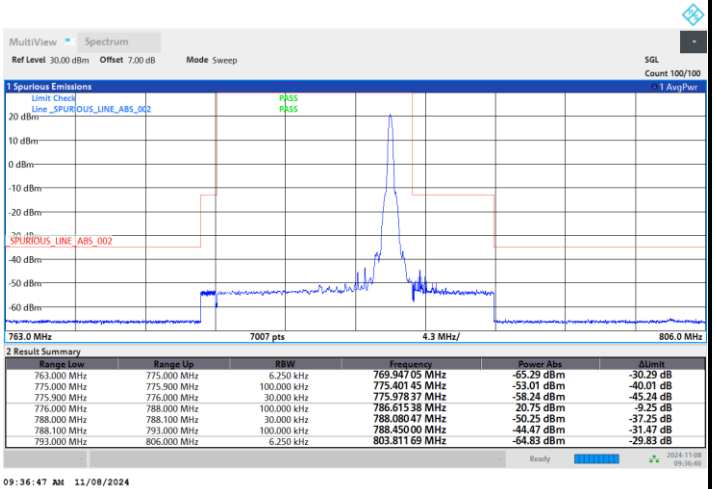
Highest Band Edge / 1RBmax



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.947 05 MHz	-65.29 dBm	-30.29 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.401 45 MHz	-53.01 dBm	-40.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.978 37 MHz	-58.24 dBm	-45.24 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.615 38 MHz	20.75 dBm	-9.25 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.080 47 MHz	-50.25 dBm	-37.25 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.450 00 MHz	-44.47 dBm	-31.47 dB
793.000 MHz	806.000 MHz	6.250 kHz	803.811 69 MHz	-64.83 dBm	-29.83 dB

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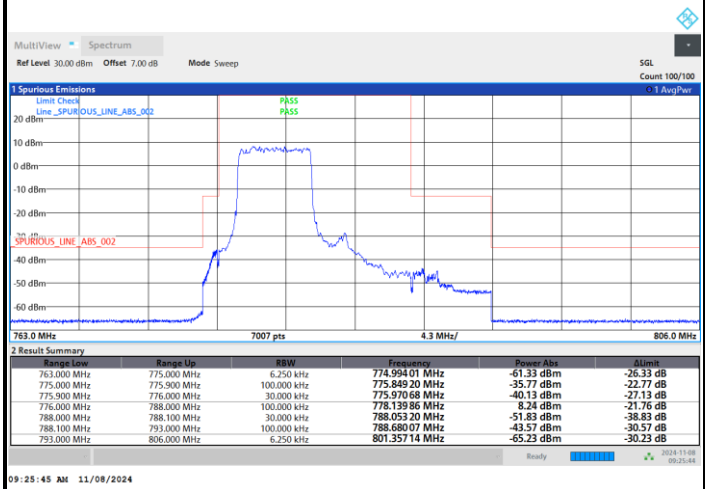
Lowest Band Edge / Full RB



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.994 01 MHz	-61.33 dBm	-26.33 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.849 20 MHz	-35.77 dBm	-22.77 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.970 68 MHz	-40.13 dBm	-27.13 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.139 86 MHz	8.24 dBm	-21.76 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.053 20 MHz	-51.83 dBm	-38.83 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.680 07 MHz	-43.57 dBm	-30.57 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.357 14 MHz	-65.23 dBm	-30.23 dB

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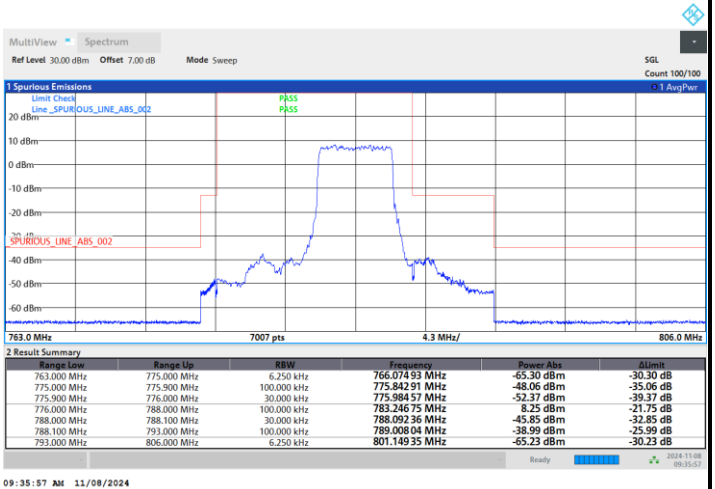
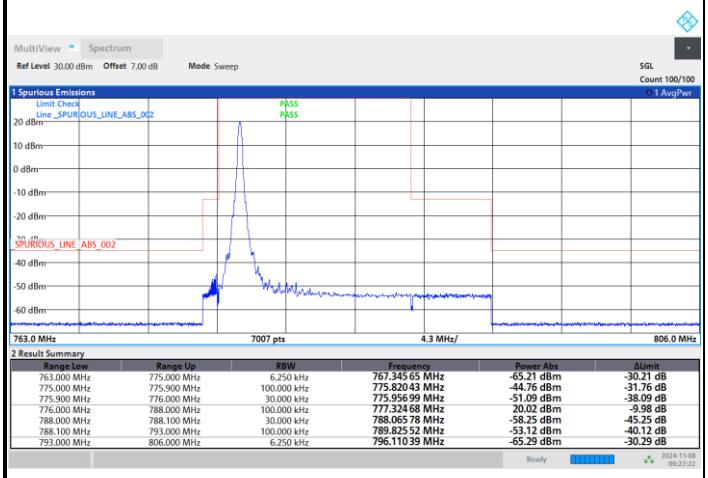
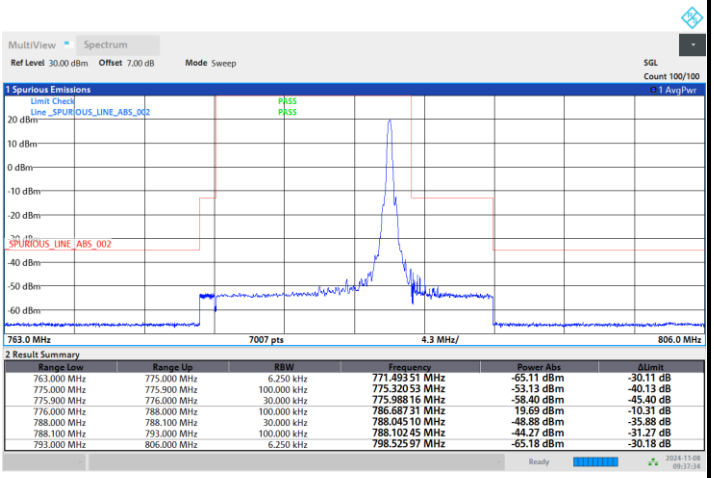
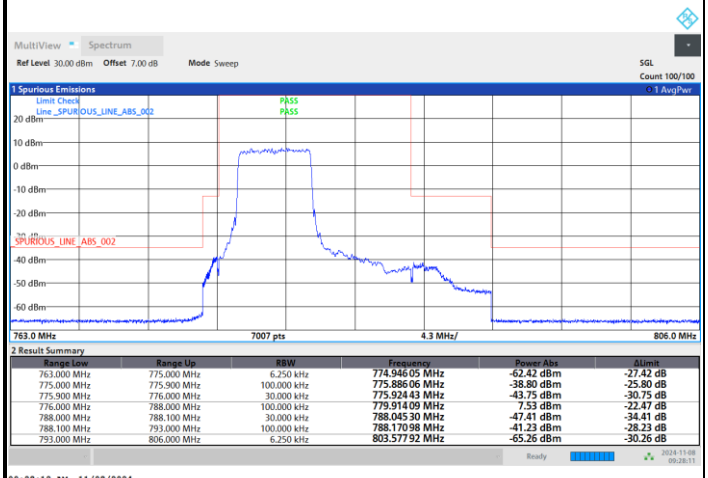
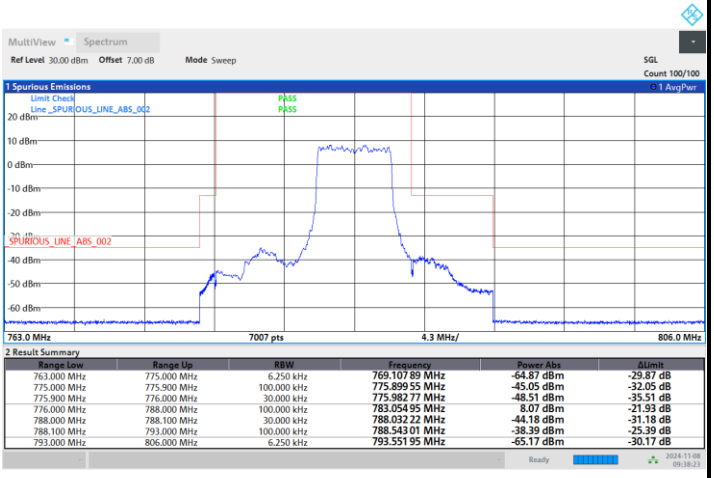
Highest Band Edge / Full RB

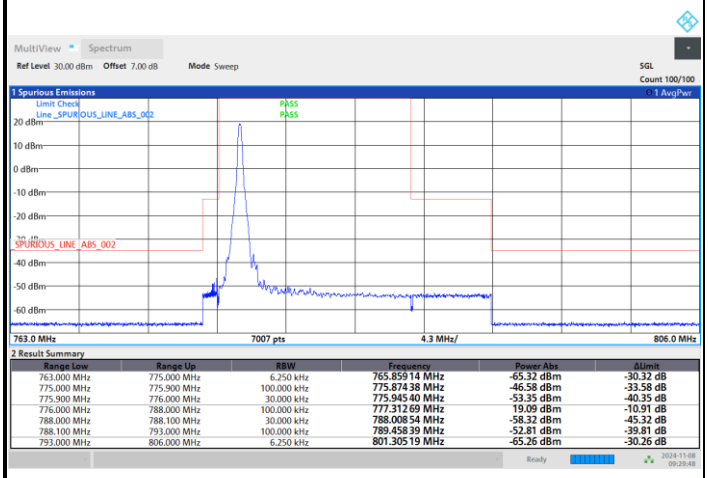
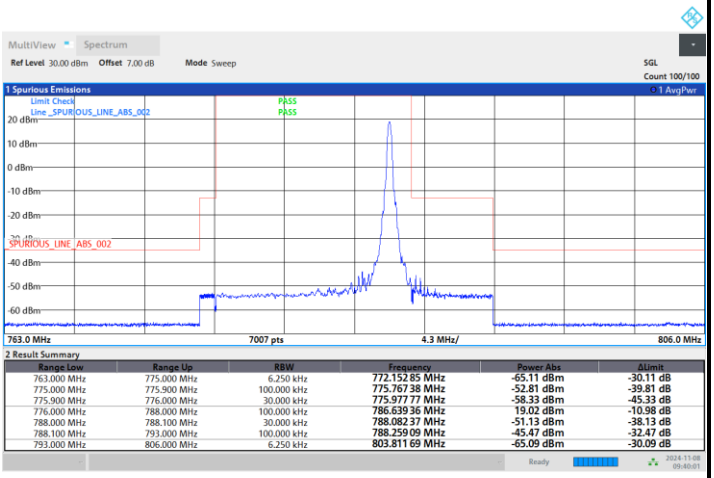
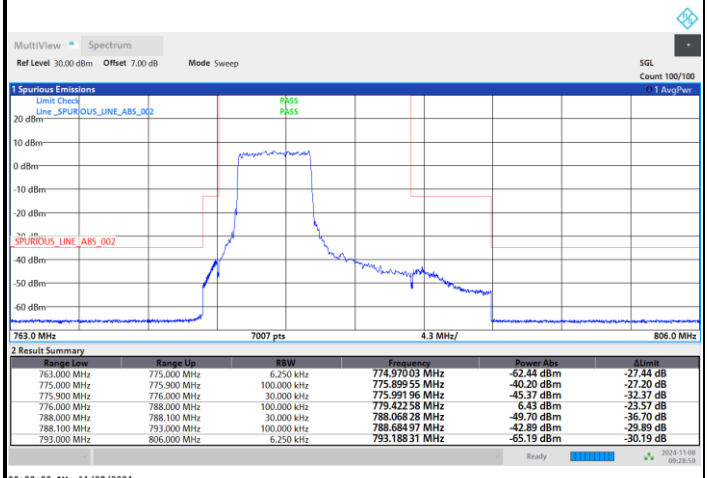
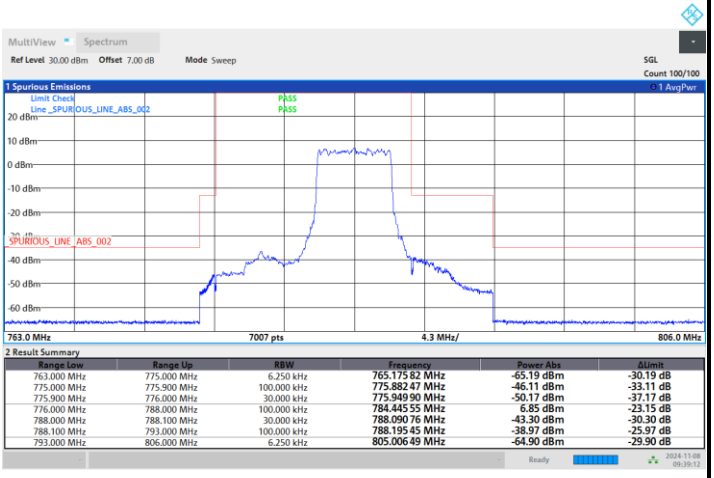


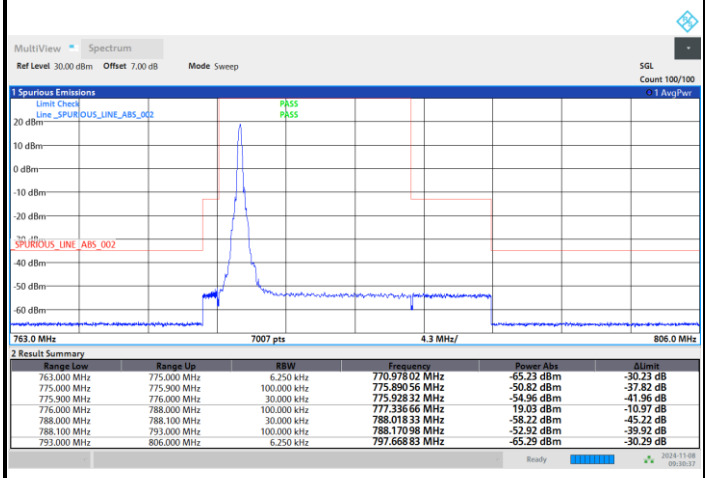
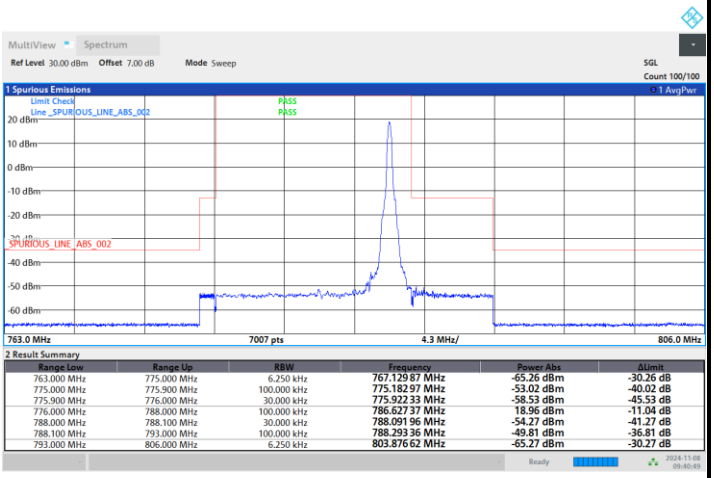
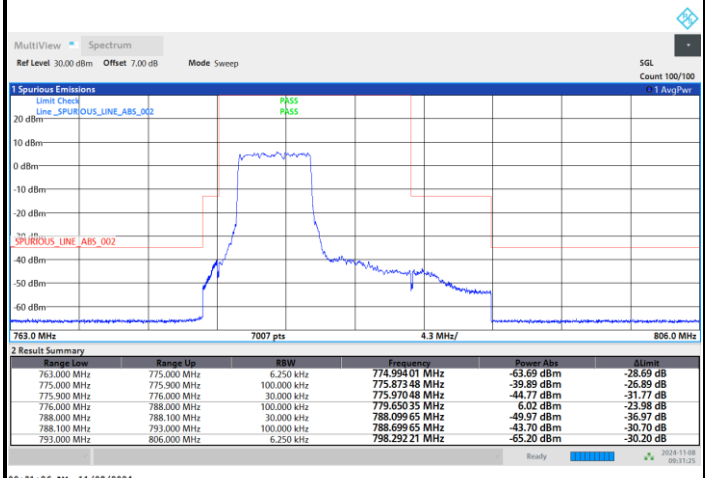
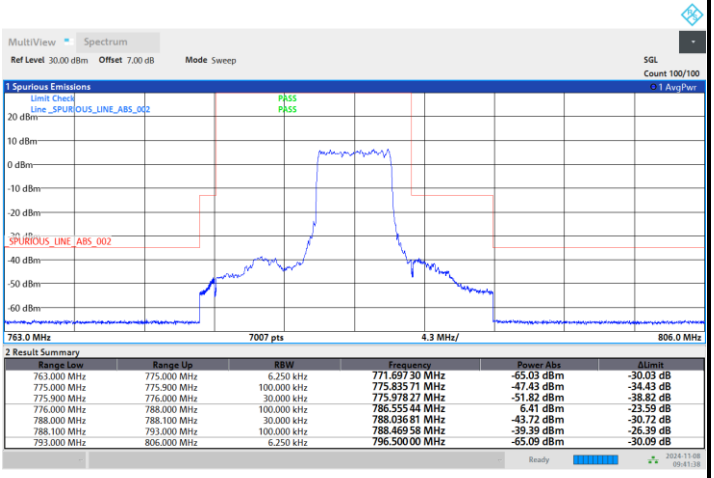
2 Result Summary

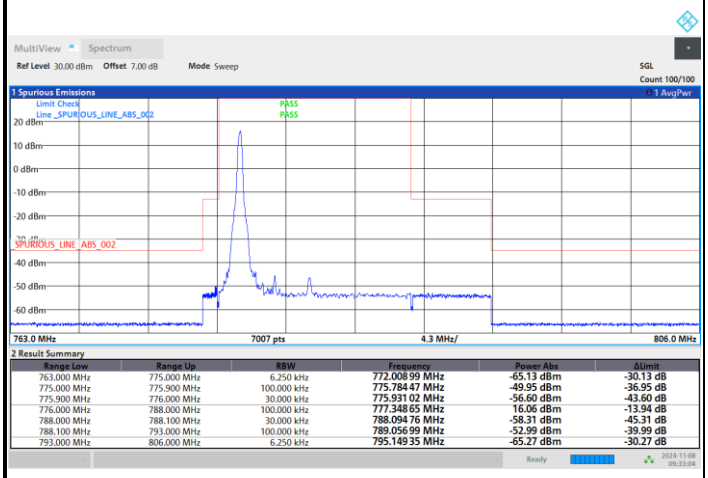
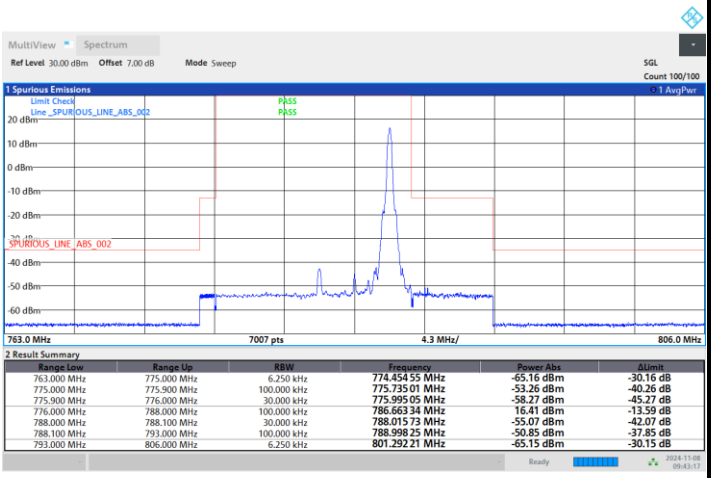
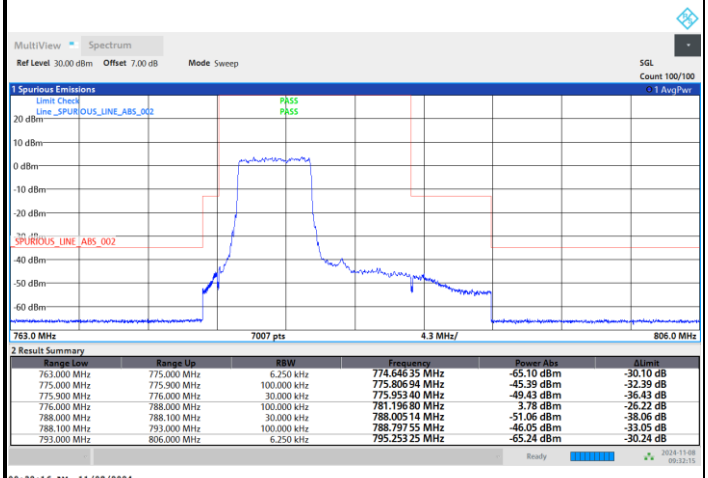
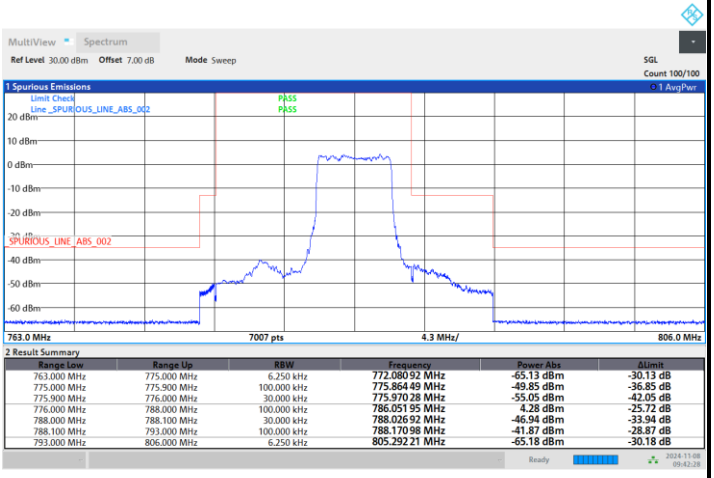
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.074 93 MHz	-65.30 dBm	-30.30 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.842 91 MHz	-48.06 dBm	-35.06 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.984 57 MHz	-52.37 dBm	-39.37 dB
776.000 MHz	788.000 MHz	100.000 kHz	783.246 75 MHz	8.25 dBm	-21.75 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.092 36 MHz	-45.85 dBm	-32.85 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.008 04 MHz	-38.99 dBm	-25.99 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.149 35 MHz	-65.23 dBm	-30.23 dB

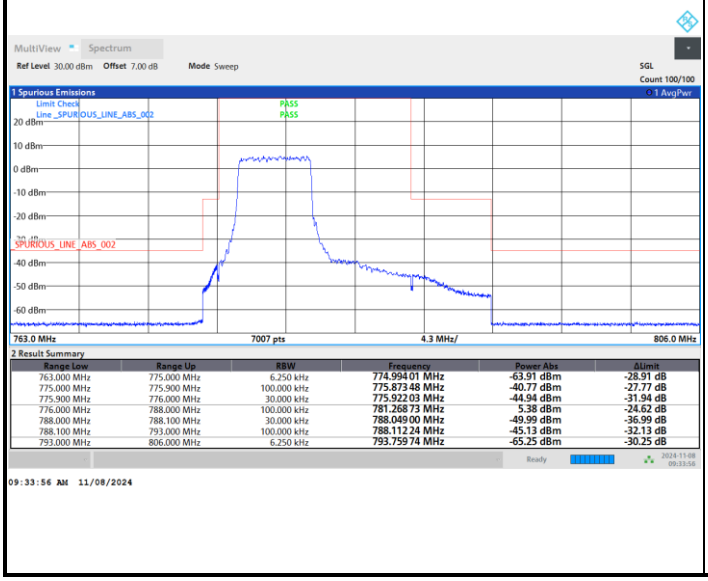
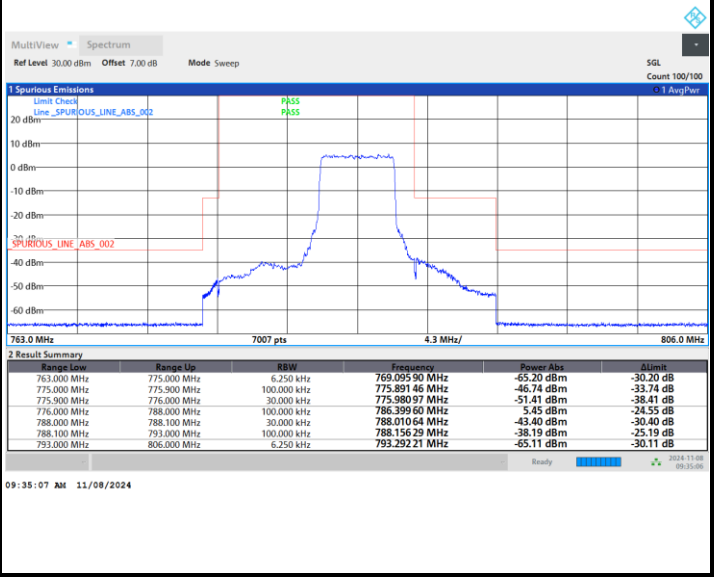
09:35:57 AM 11/08/2024

FR1 n13 / 5MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

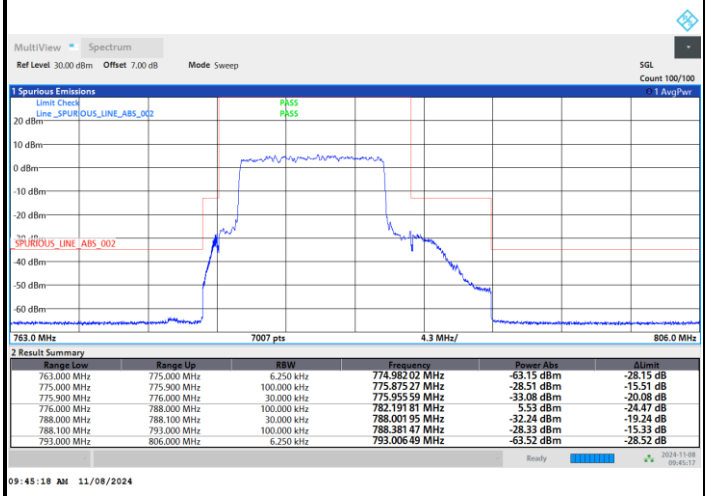
FR1 n13 / 5MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n13 / 5MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

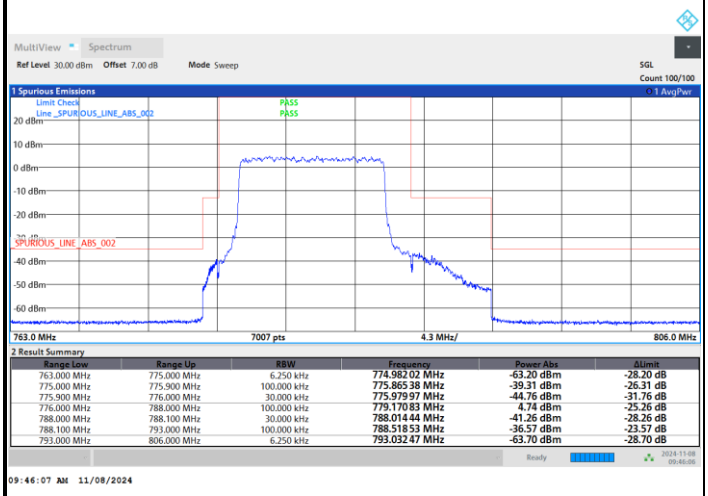
FR1 n13 / 5MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

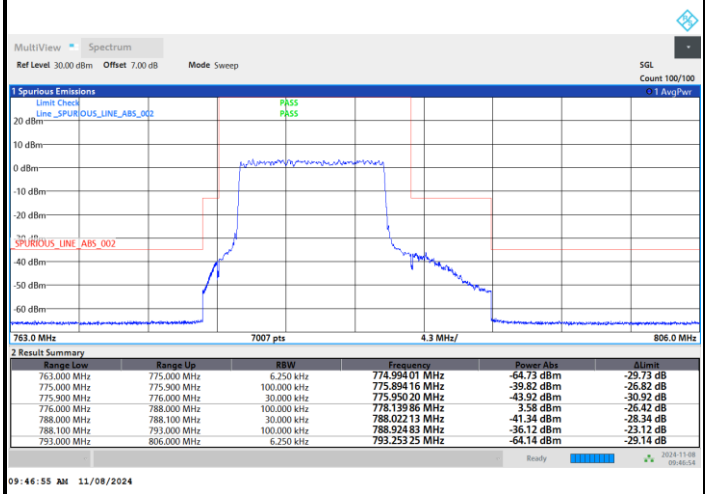
FR1 n13 / 5MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

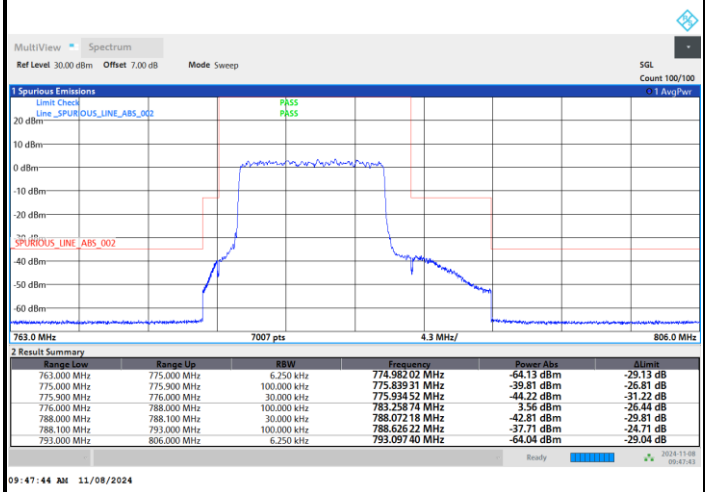
FR1 n13 / 10MHz / DFT-s-OFDM / PI/2 BPSK	
Middle Band Edge / Full RB	



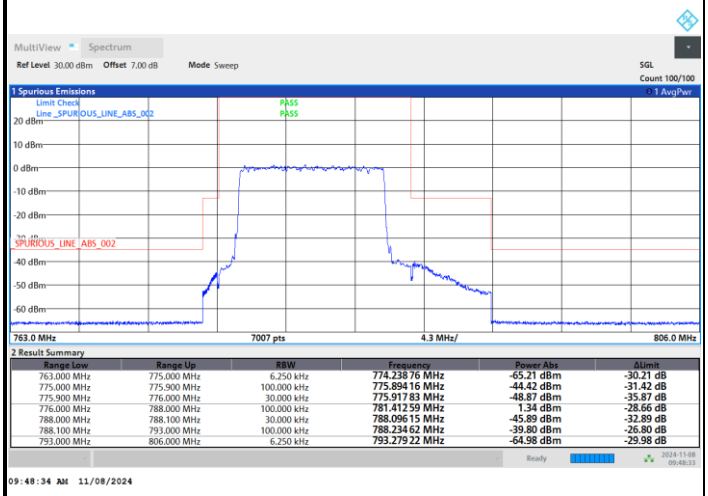
FR1 n13 / 10MHz / DFT-s-OFDM / QPSK	
Middle Band Edge / Full RB	



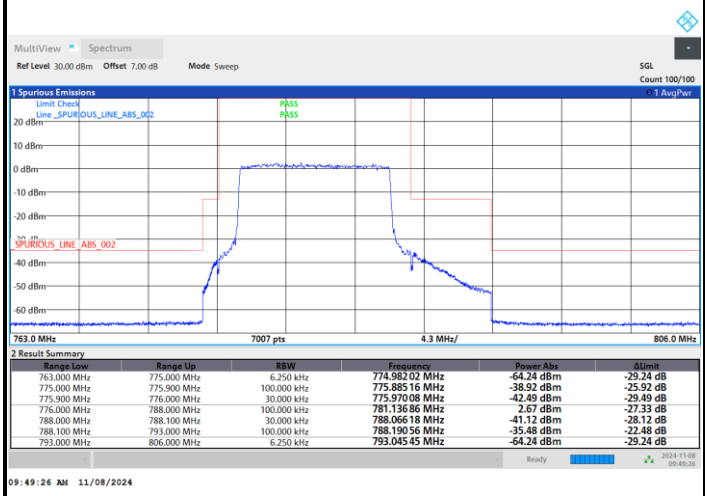
FR1 n13 / 10MHz / DFT-s-OFDM / 16QAM	
Middle Band Edge / Full RB	
	

FR1 n13 / 10MHz / DFT-s-OFDM / 64QAM	
Middle Band Edge / Full RB	
	

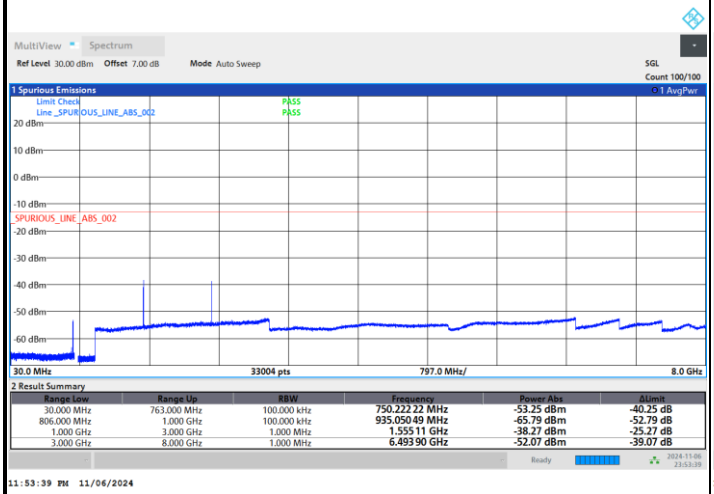
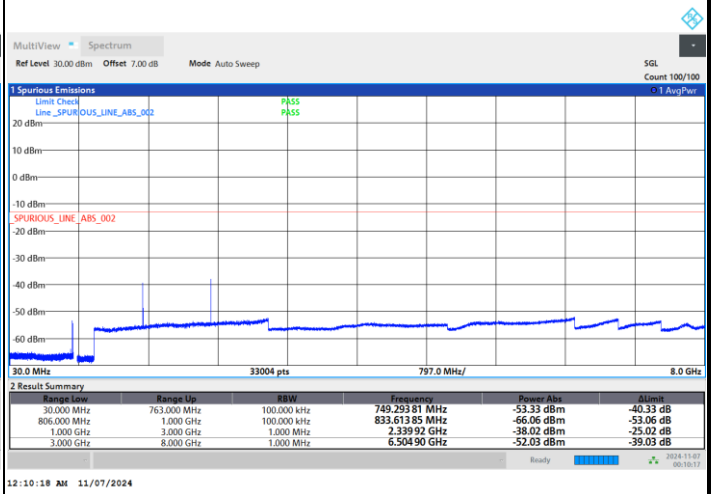
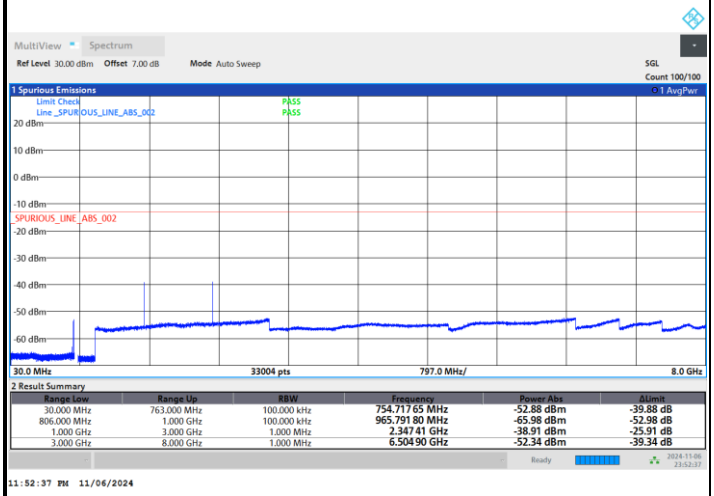
FR1 n13 / 10MHz / DFT-s-OFDM / 256QAM	
Middle Band Edge / Full RB	



FR1 n13 / 10MHz / CP OFDM / QPSK / Full RB	
Middle Band Edge / Full RB	



Conducted Spurious Emission

FR1 n13 / 5MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

Frequency Stability

Test Conditions		FR1 n13 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0006	

Note:

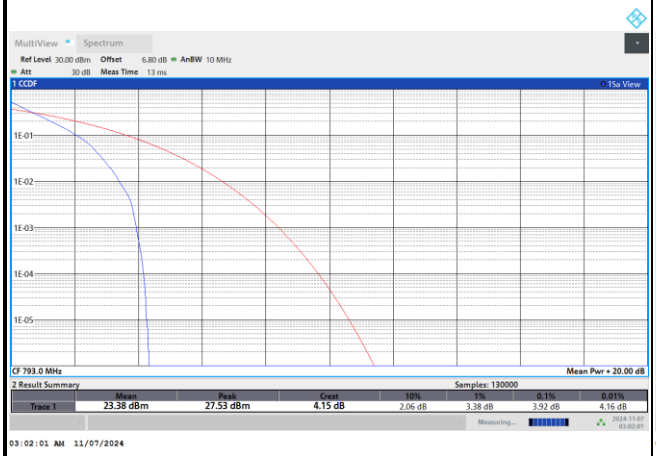
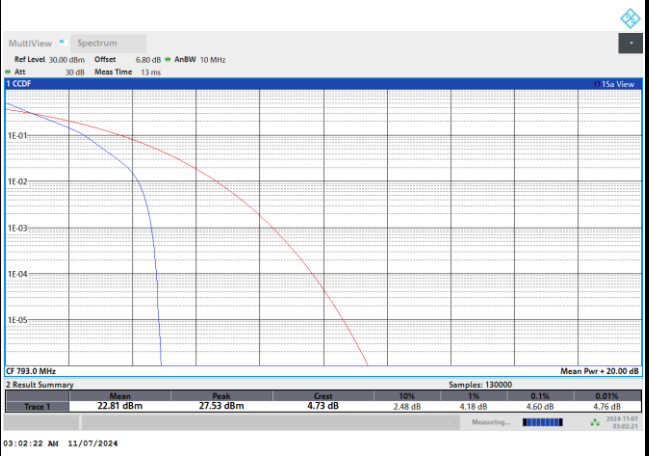
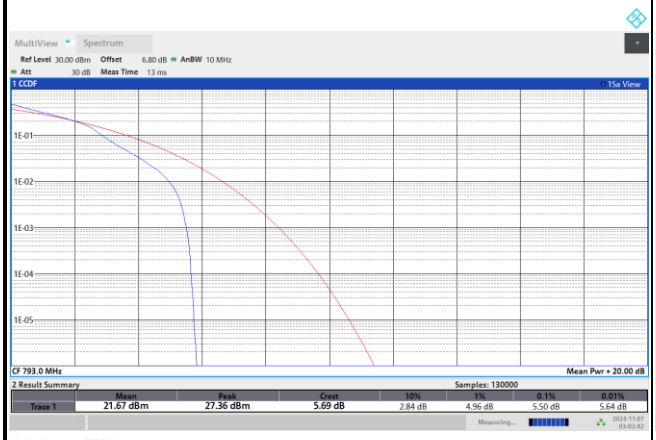
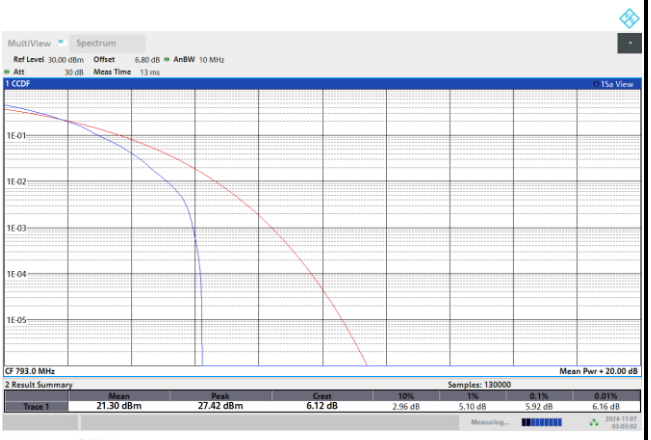
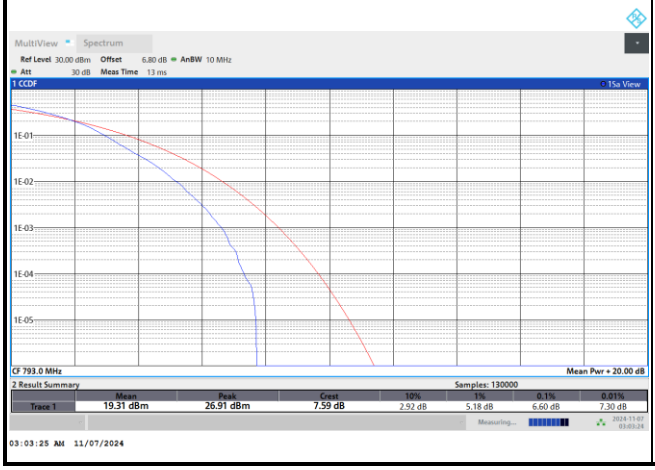
1. Normal Voltage = 3.3 V.；Minimum Voltage = 3.135 V.；Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

FR1 n14

<SISO Mode>

Peak-to-Average Ratio

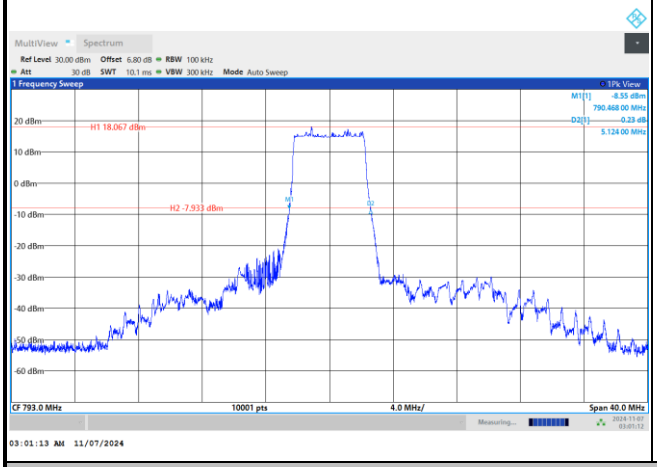
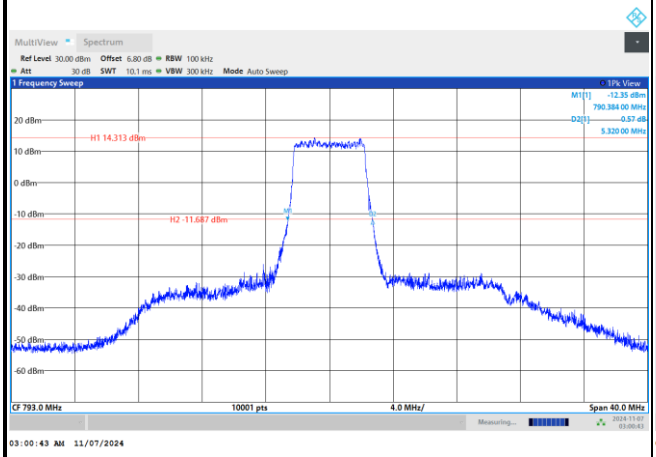
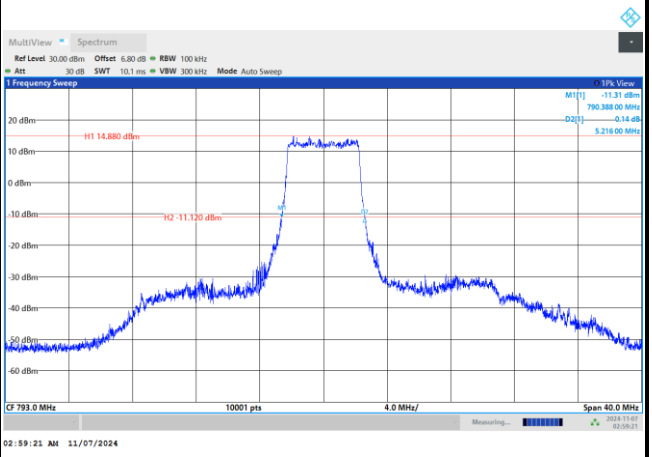
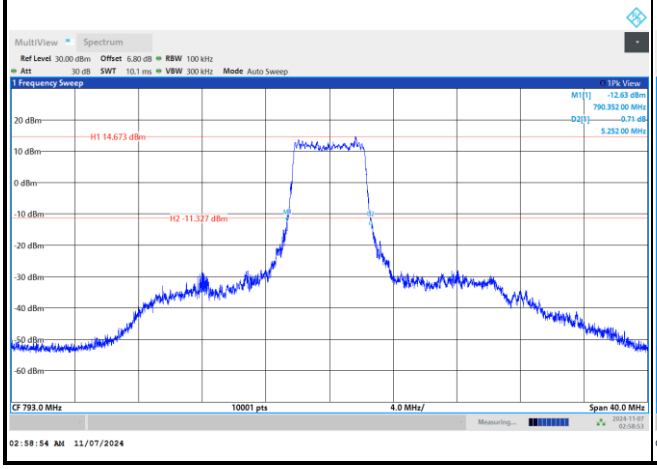
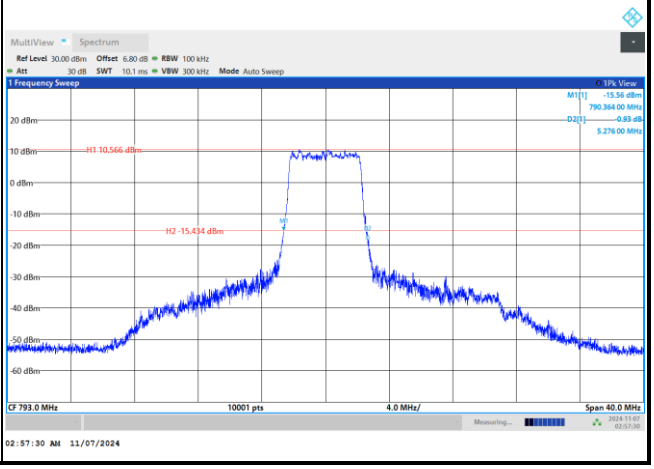
Mode	FR1 n14 / 10MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.92	4.60	5.50	5.92	PASS
Mode	FR1 n14 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.60				PASS

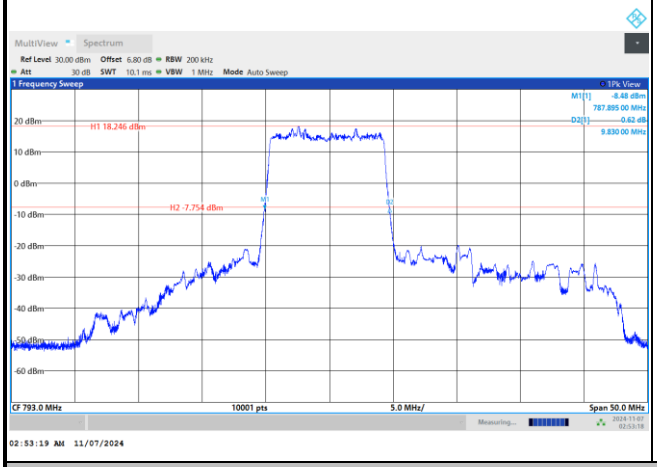
FR1 n14 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

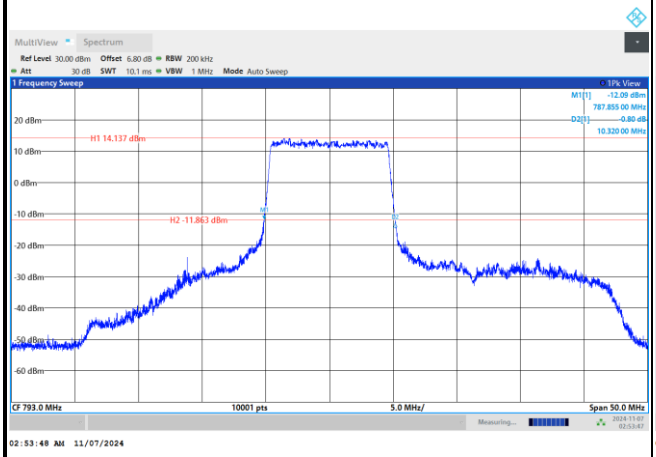
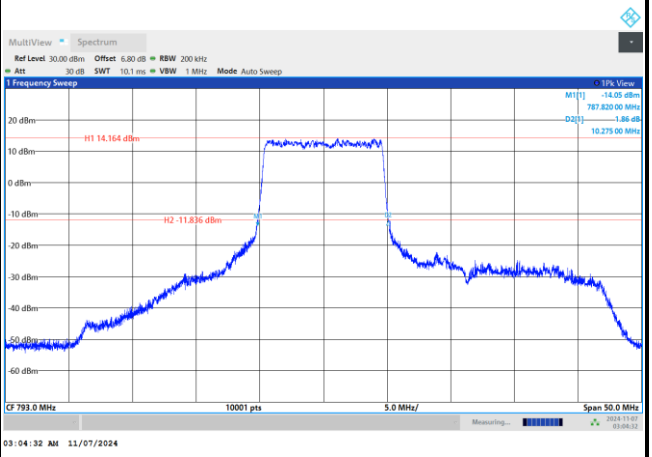
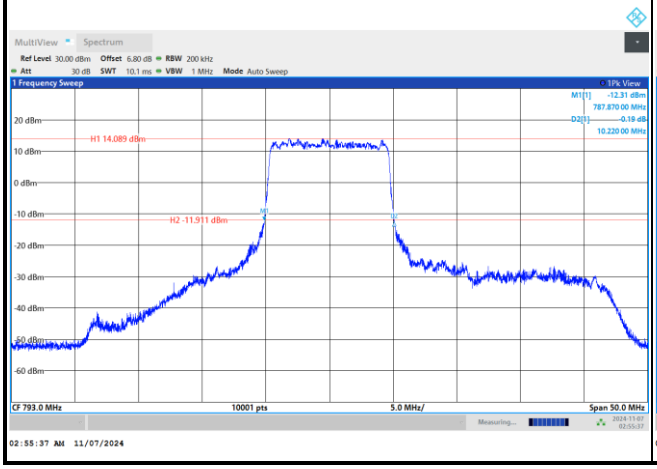
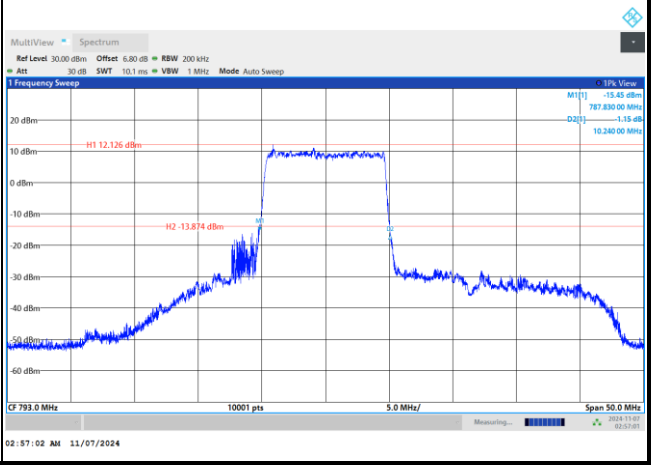
26dB Bandwidth

Mode	FR1 n14 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	5.12		9.83					

Mode	FR1 n14 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	5.32	5.21	10.32	10.27				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	5.25	5.27	10.22	10.24				

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	4.50		8.97					

Mode	FR1 n14 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.53	4.53	9.33	9.34				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.53	4.52	9.31	9.37				