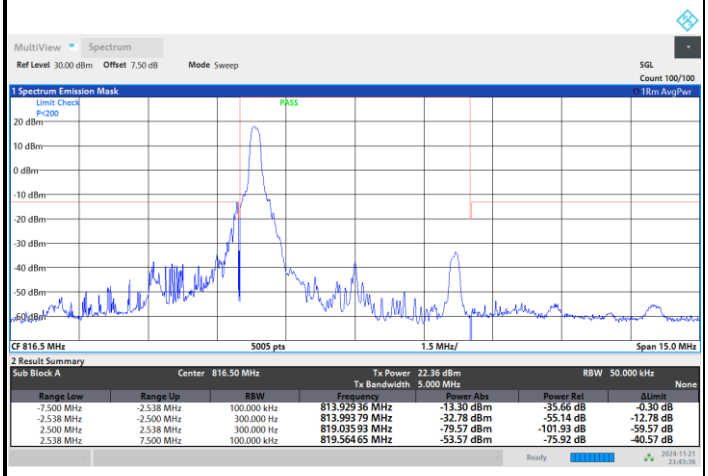
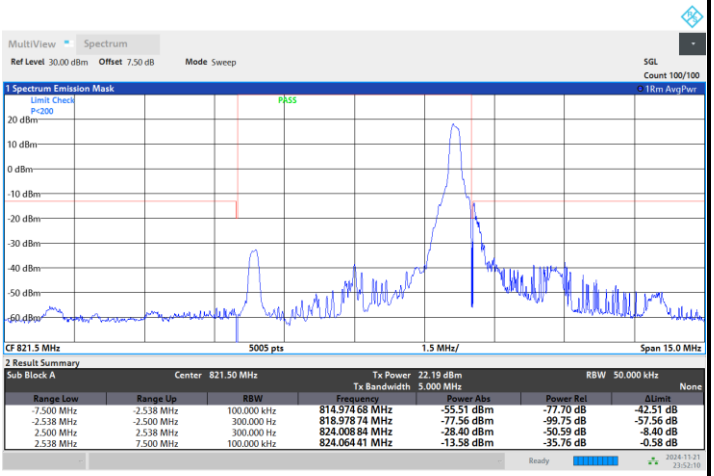
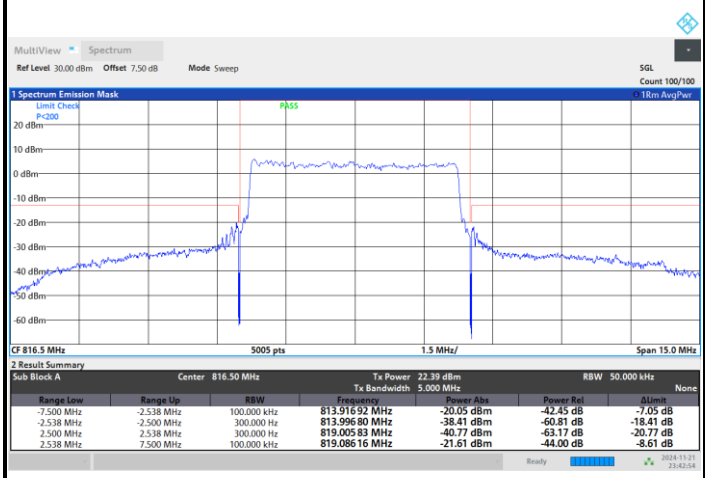
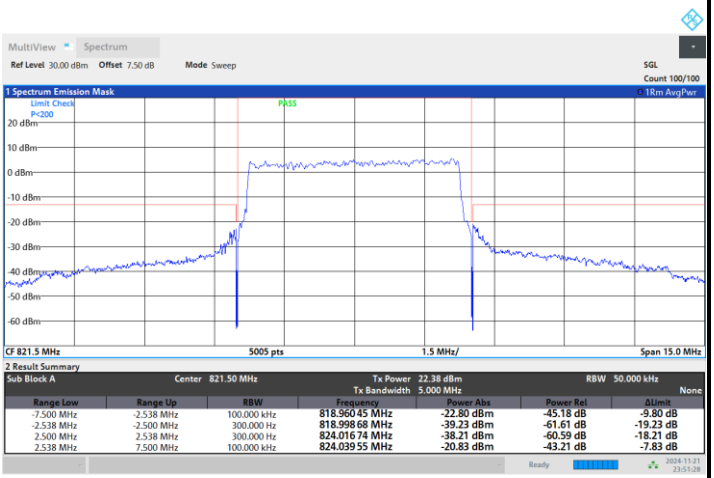
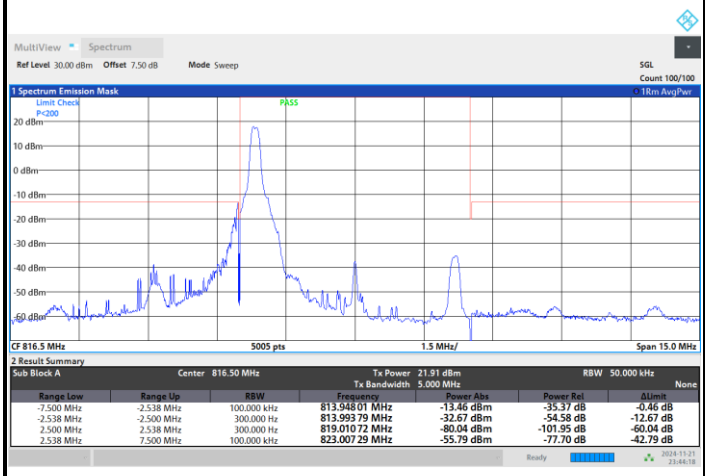
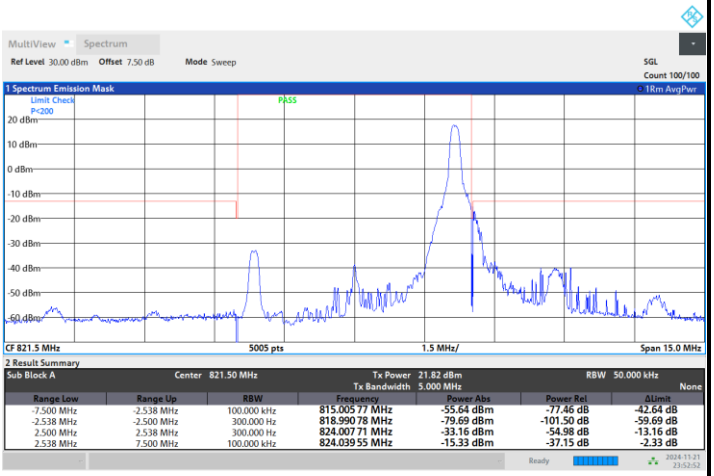
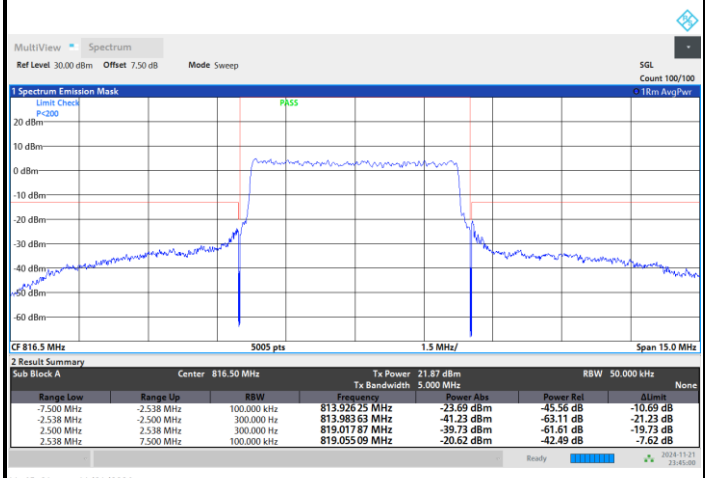
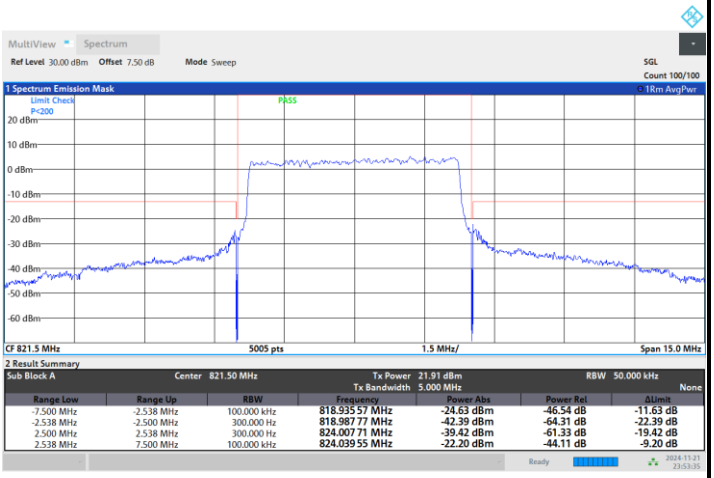
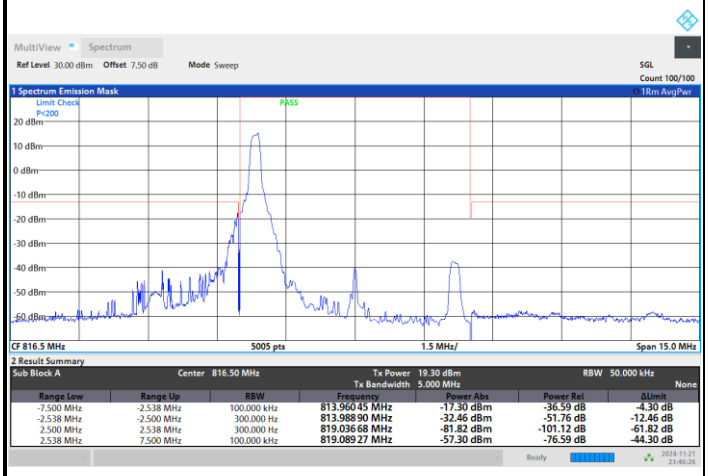
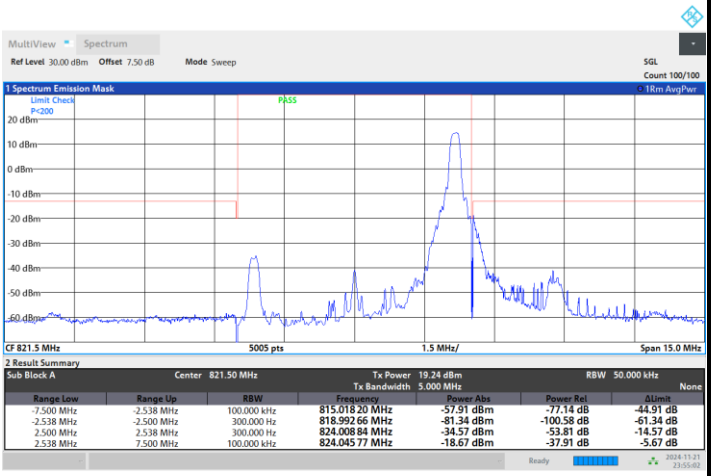
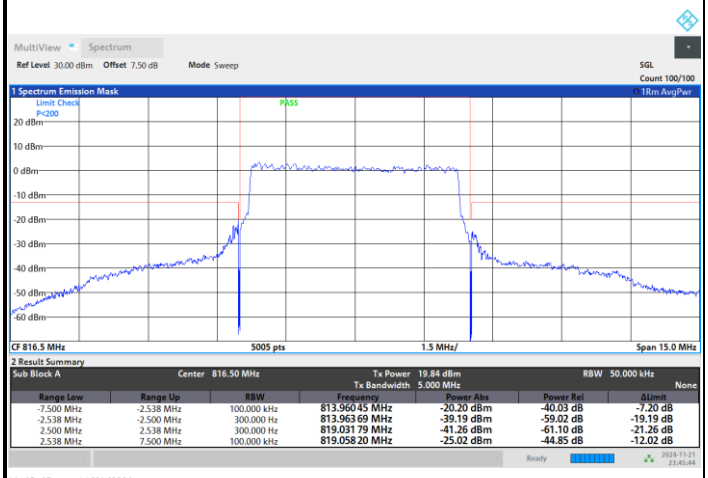
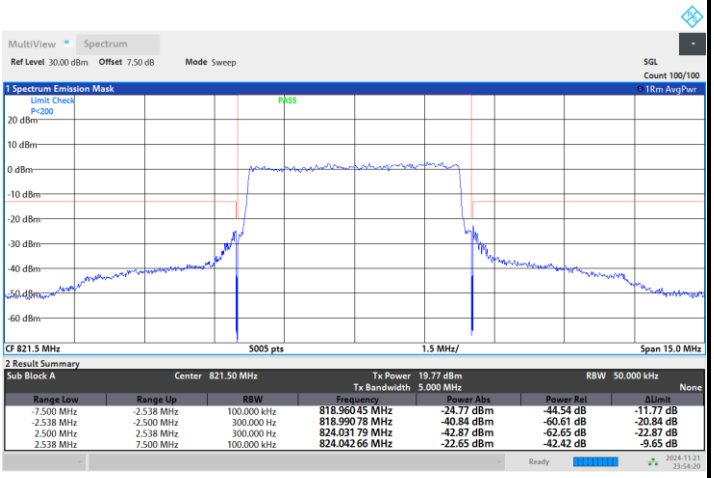
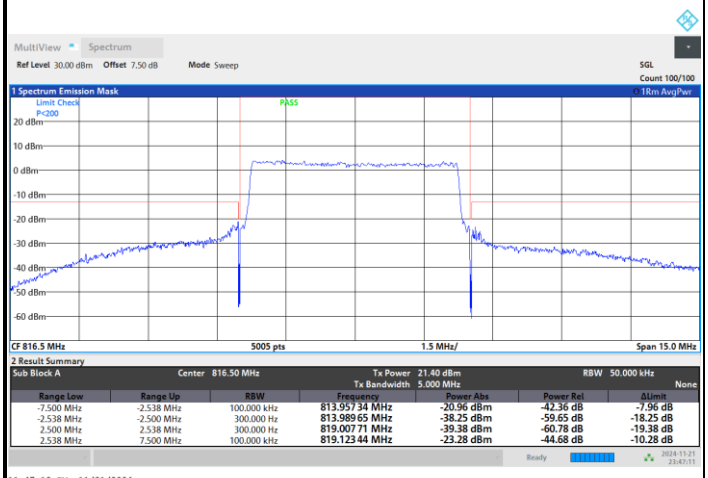
FR1 n26 / 5MHz / DFT-S OFDM / 16QAM	
Lowest MASK / 1RB0	**Highest MASK / 1RBmax**
	
Lowest MASK / Full RB	**Highest MASK / Full RB**
	

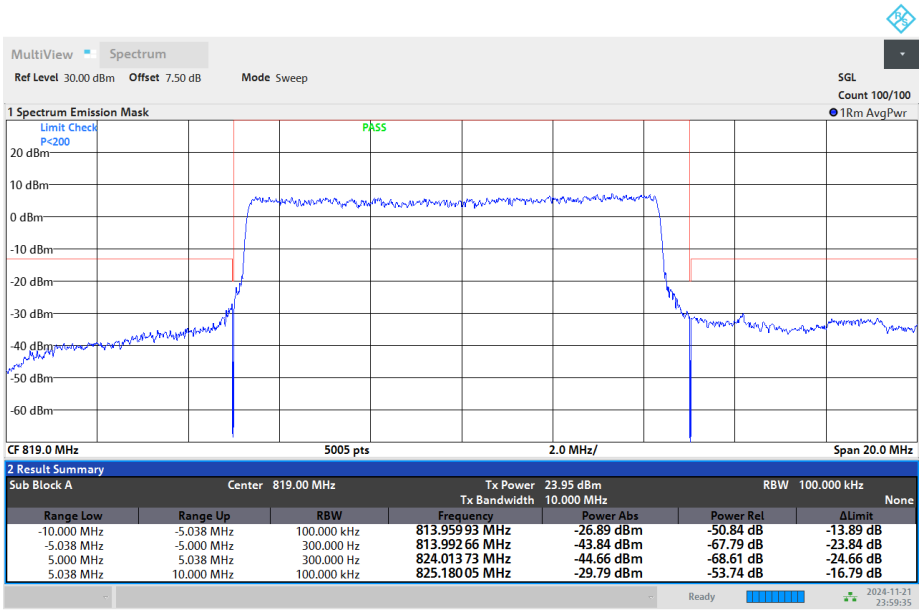
FR1 n26 / 5MHz / DFT-S OFDM / 64QAM	
Lowest MASK / 1RB0	**Highest MASK / 1RBmax**
	
Lowest MASK / Full RB	**Highest MASK / Full RB**
	

FR1 n26 / 5MHz / DFT-S OFDM / 256QAM	
Lowest MASK / 1RB0	**Highest MASK / 1RBmax**
	
Lowest MASK / Full RB	**Highest MASK / Full RB**
	

FR1 n26 / 5MHz / CP OFDM / QPSK / Full RB	
Lowest MASK	**Highest MASK**
	

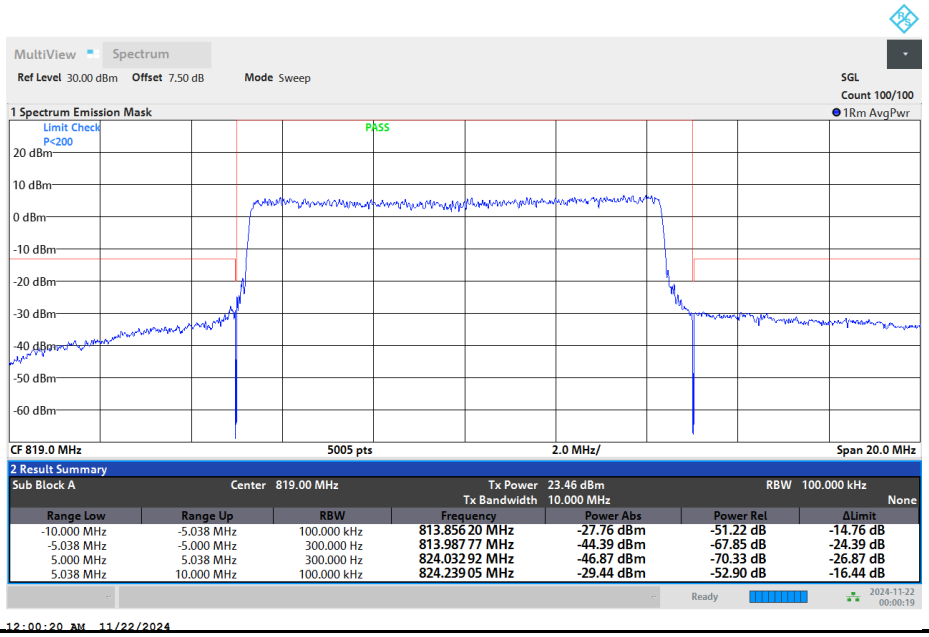
FR1 n26 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Middle MASK / Full RB



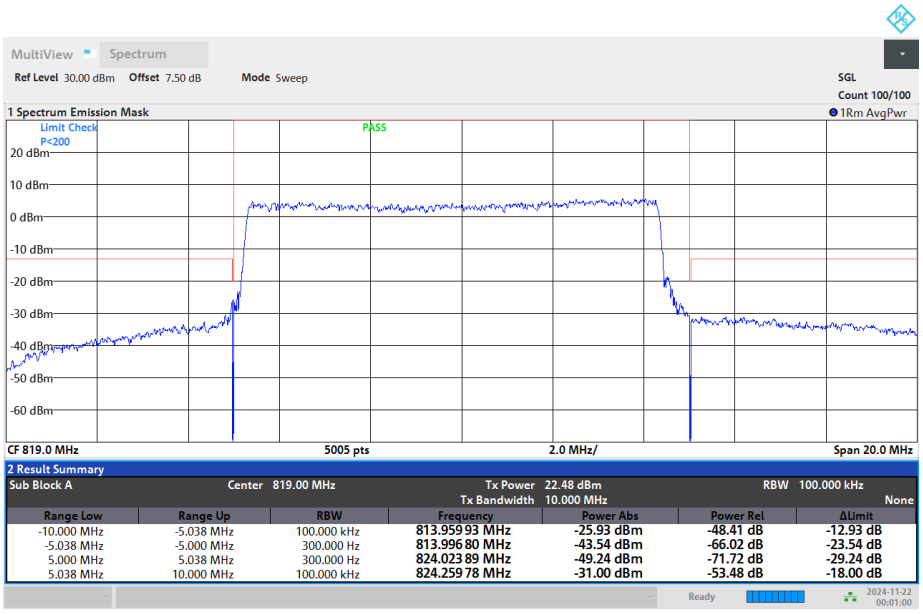
FR1 n26 / 10MHz / DFT-s-OFDM / QPSK

Lowest MASK / Full RB



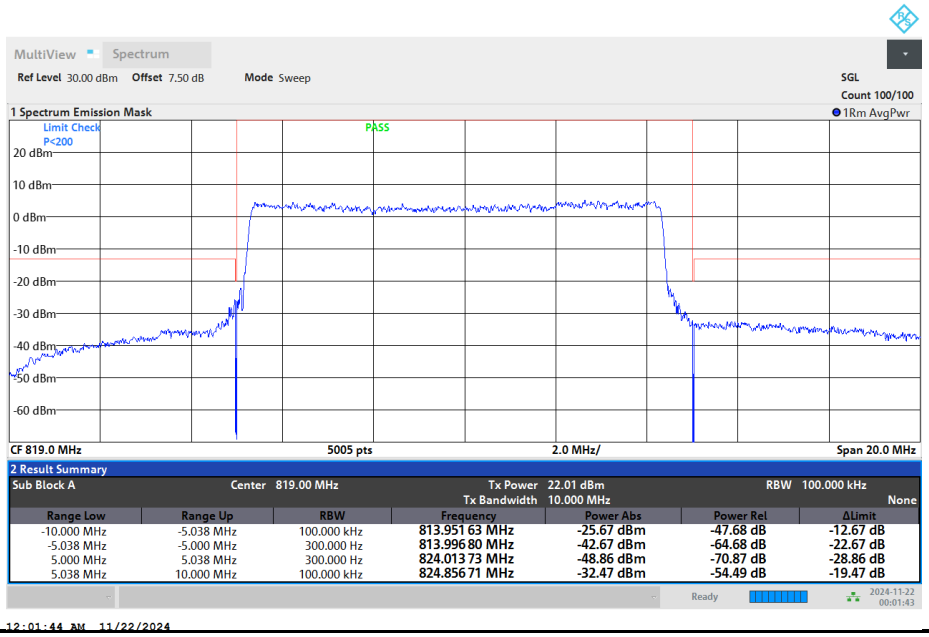
FR1 n26 / 10MHz / DFT-s-OFDM / 16QAM

Middle MASK / Full RB



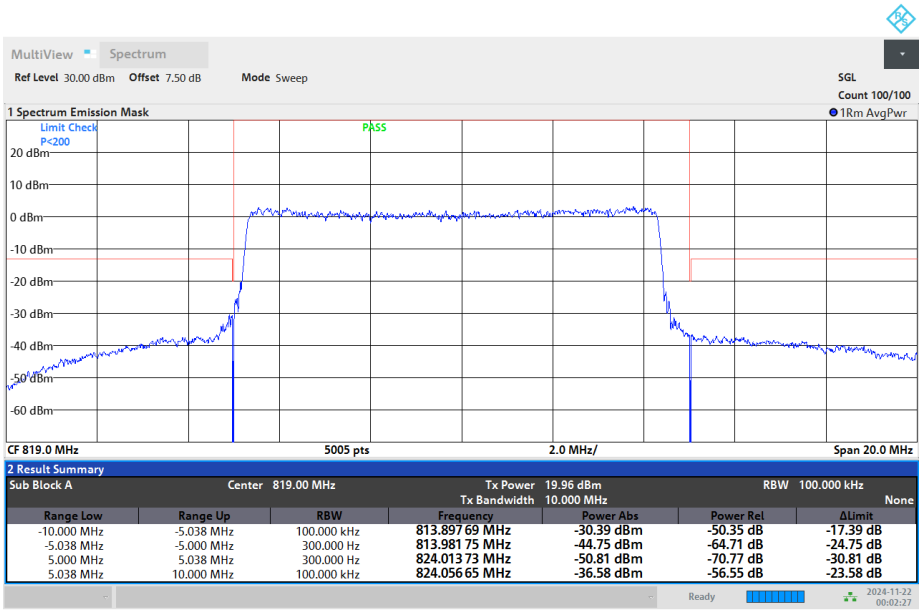
FR1 n26 / 10MHz / DFT-s-OFDM / 64QAM

Middle MASK / Full RB



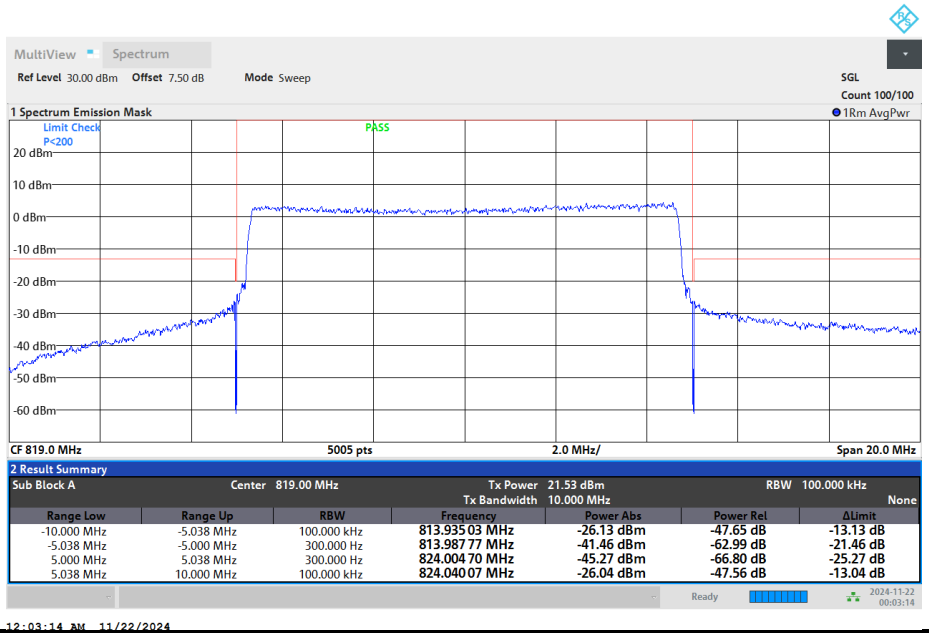
FR1 n26 / 10MHz / DFT-s-OFDM / 256QAM

Middle MASK / Full RB

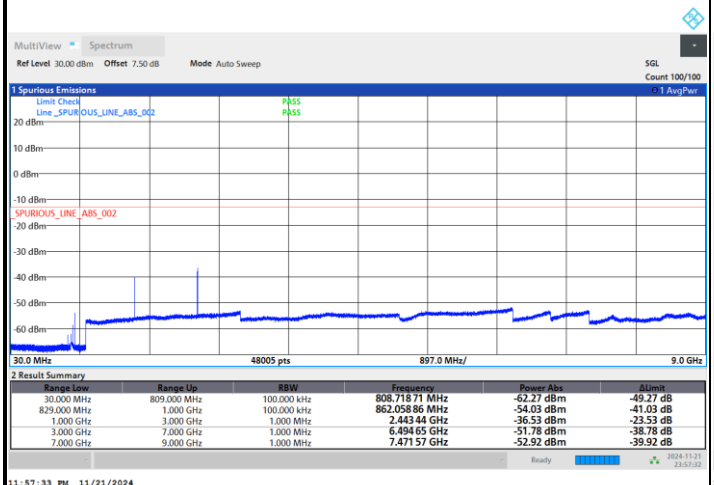
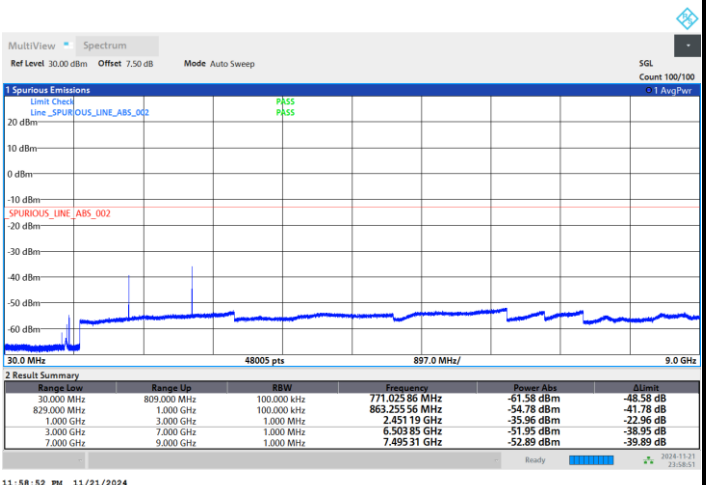
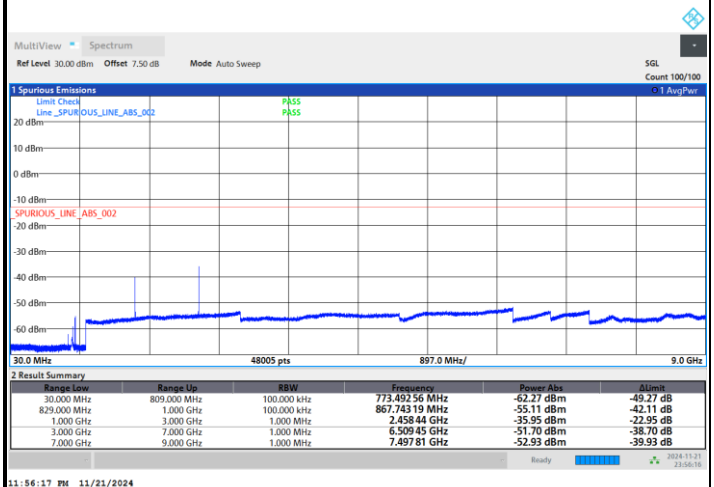


FR1 n26 / 10MHz / CP OFDM / QPSK / Full RB

Middle MASK



Emission masks – Out of band emissions

FR1 n26 / 5MHz / DFT-S OFDM / QPSK / 1RB1	
Lowest Channel	**Middle Channel**
	
Highest Channel	
	

Frequency Stability

Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0019	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0008	

Note: Normal Voltage = 3.8 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.2 V.

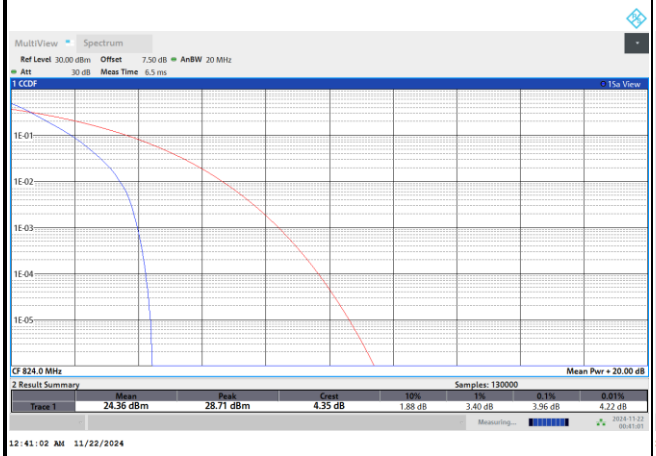
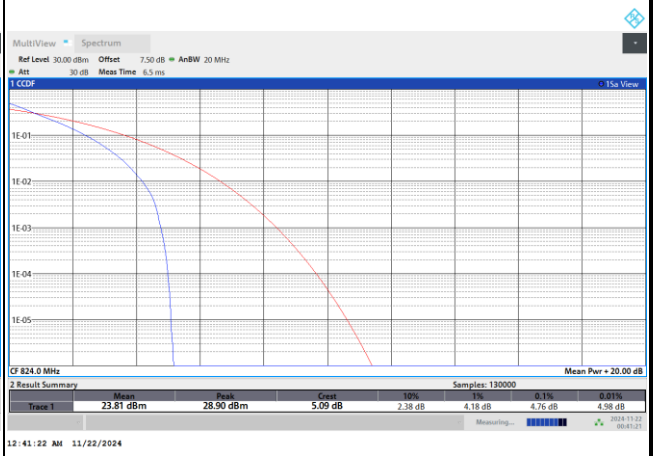
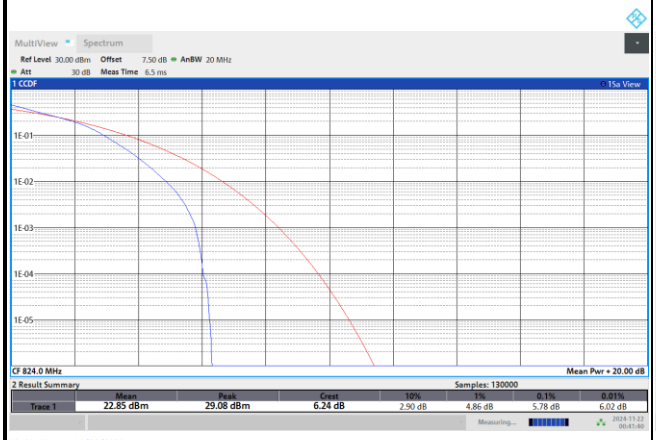
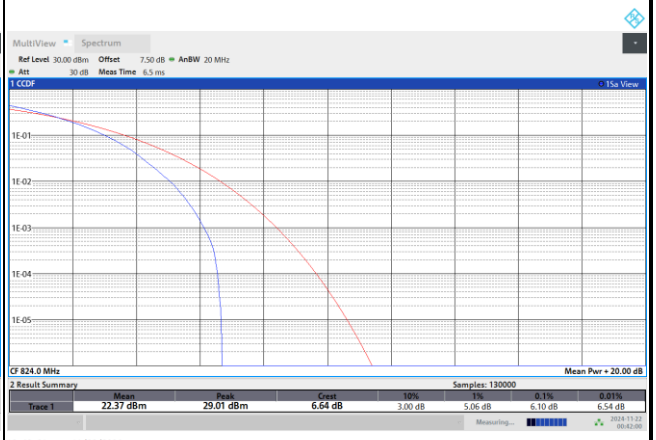
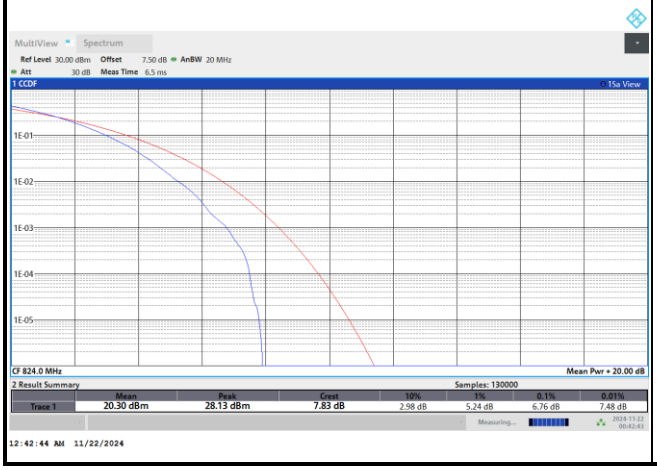
Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5 ppm
		Result	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0024	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0004	

Note: Normal Voltage = 3.8 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.2 V.

FR1 n26 Part90s Straddle Channel

Peak-to-Average Ratio

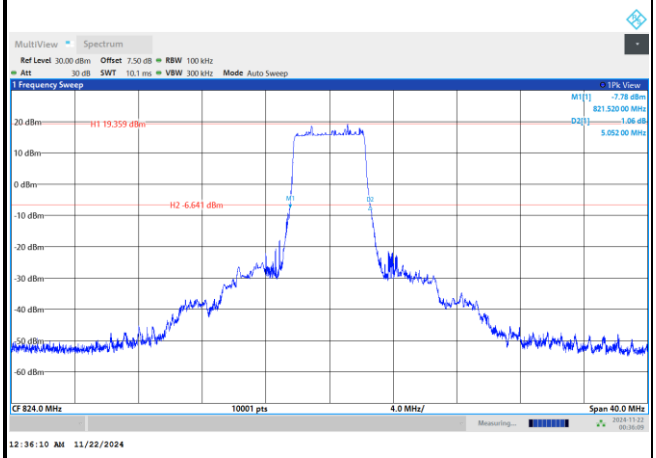
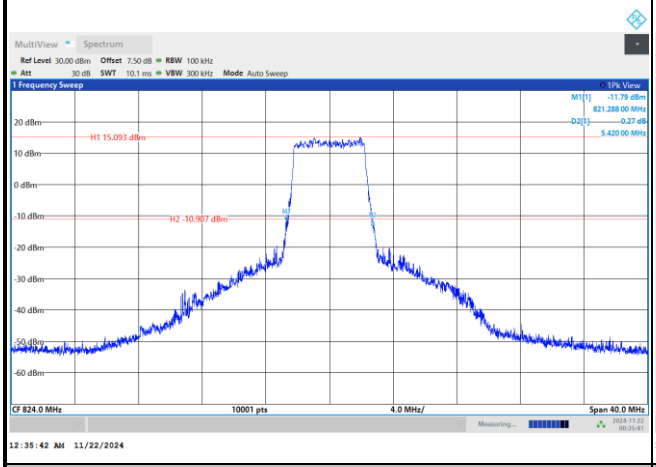
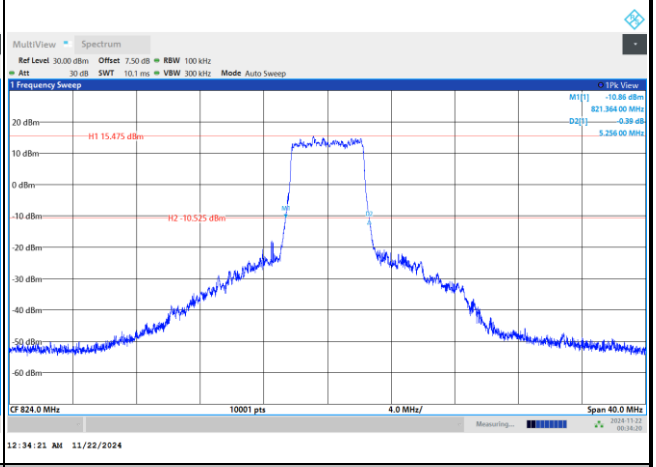
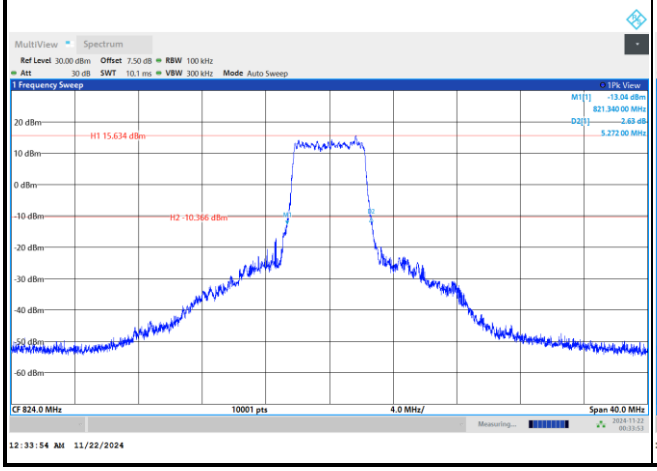
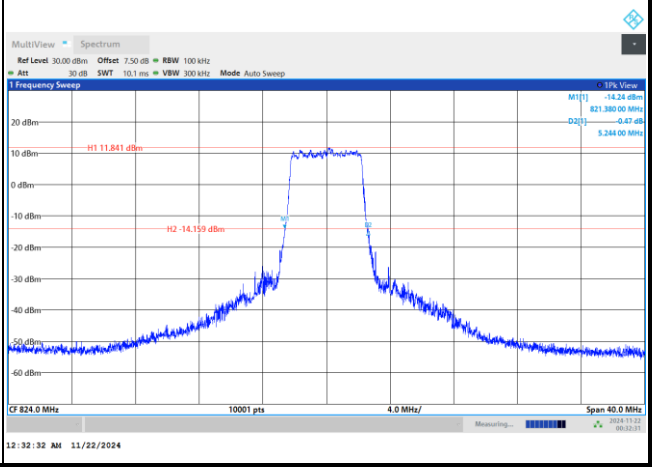
Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
824MHz	3.96	4.76	5.78	6.10	PASS
Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
824MHz	6.76				PASS

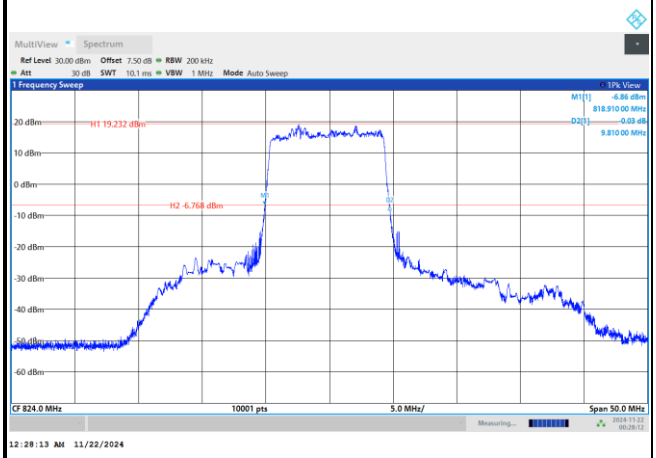
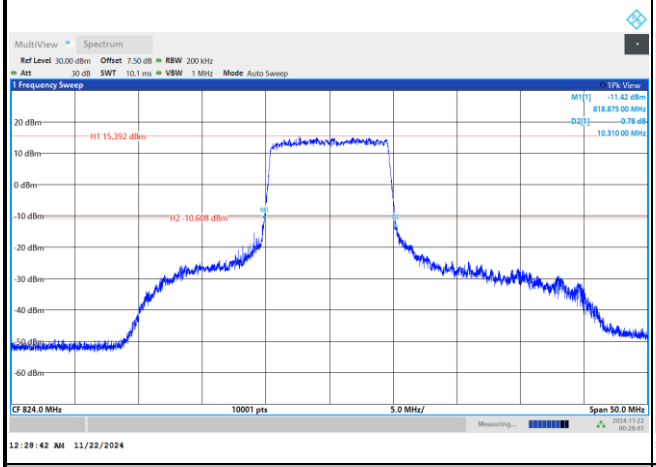
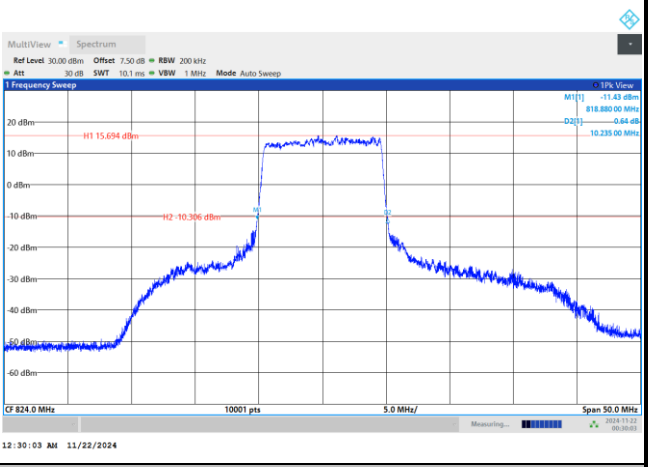
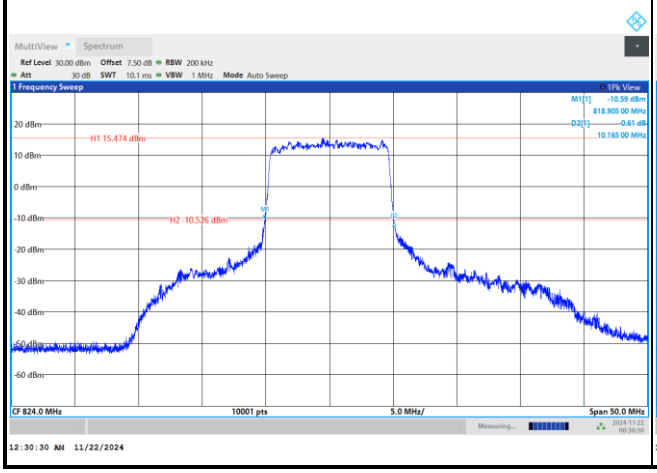
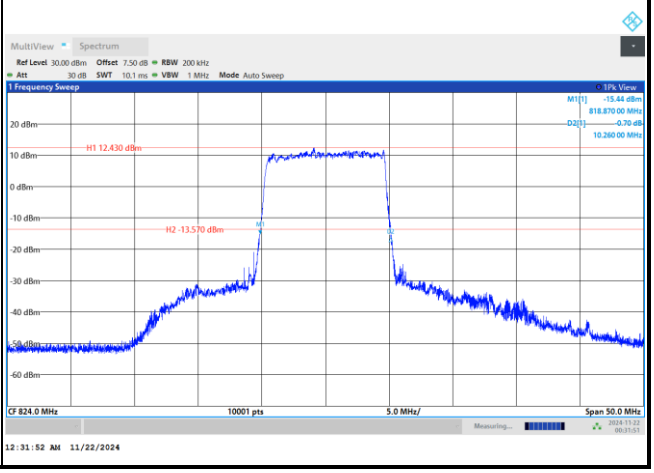
FR1 n26 / 20MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

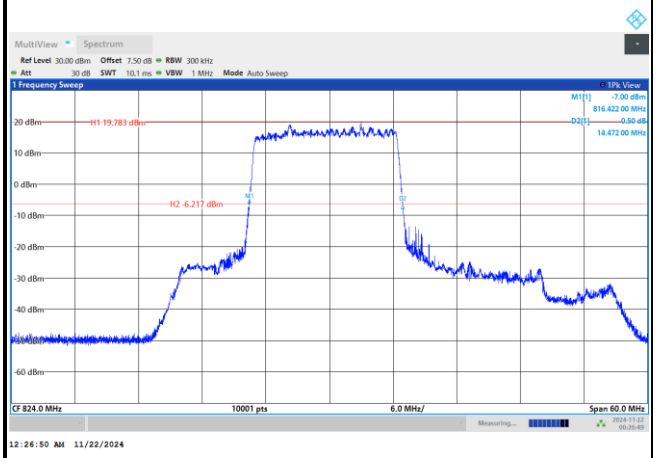
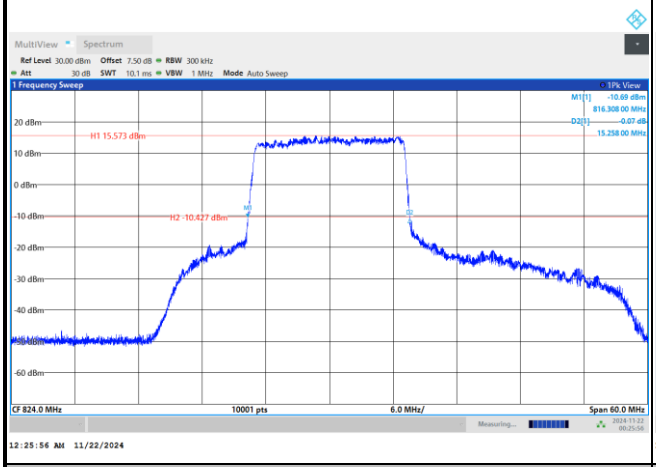
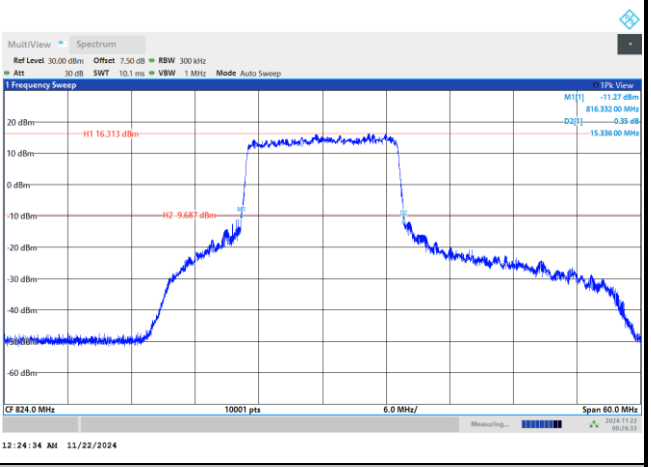
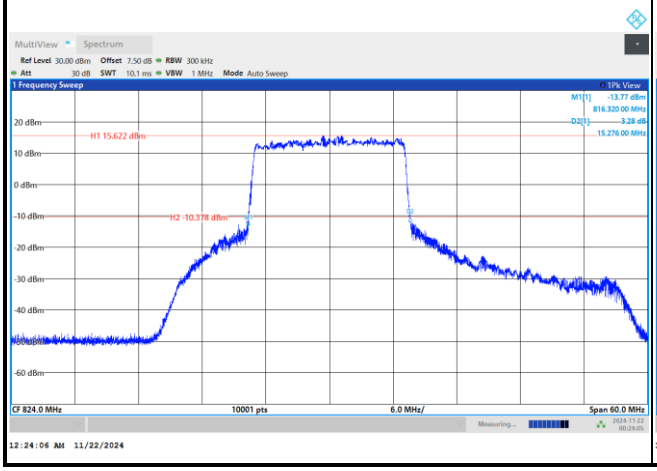
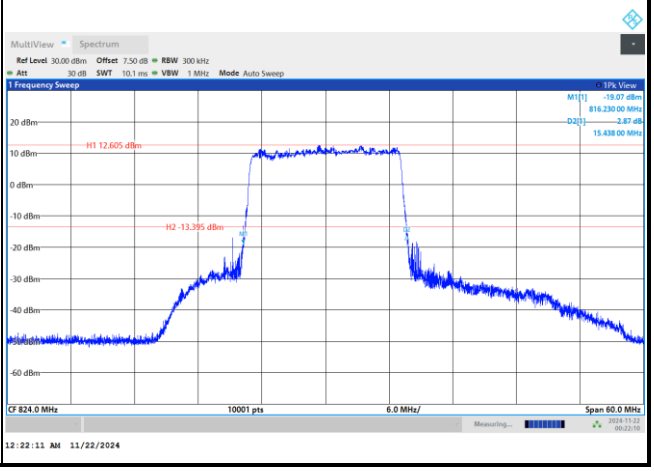
26dB Bandwidth

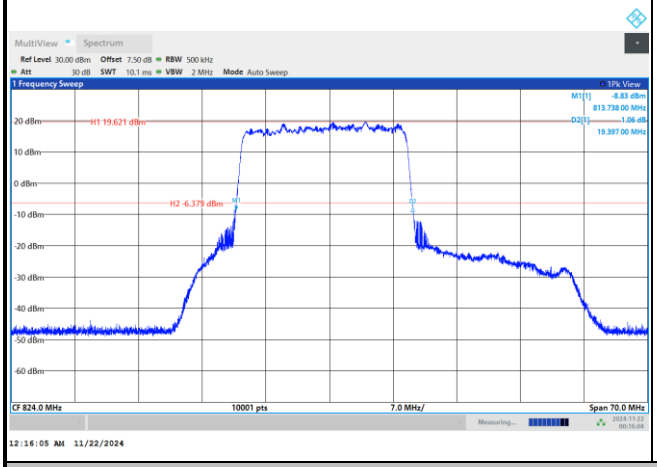
Mode	FR1 n26 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
824MHz	5.05		9.81		14.47		19.39	

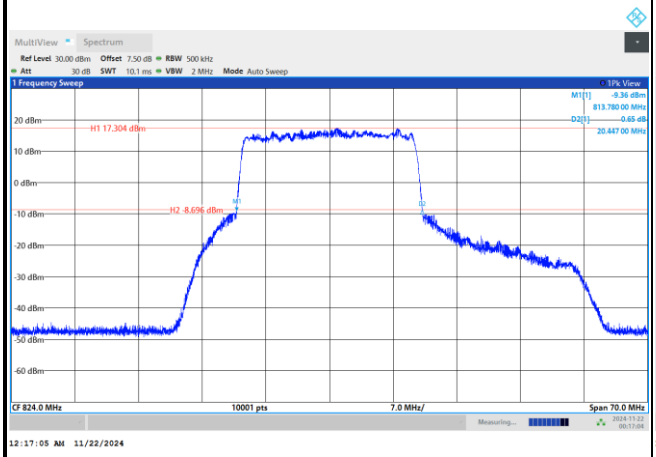
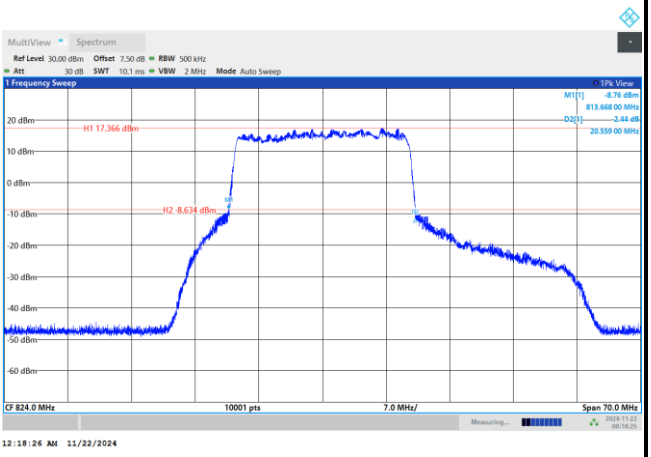
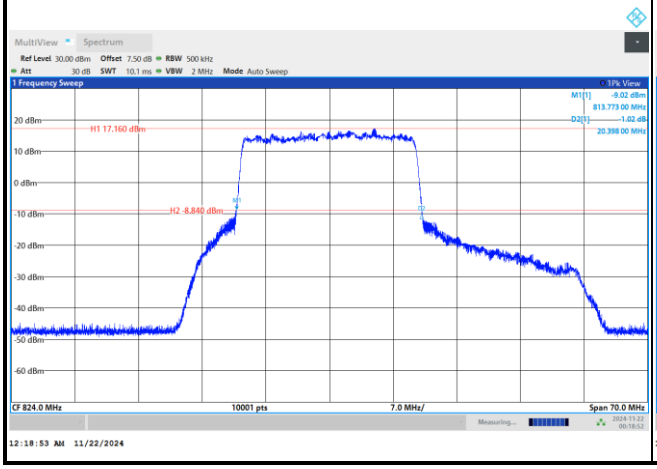
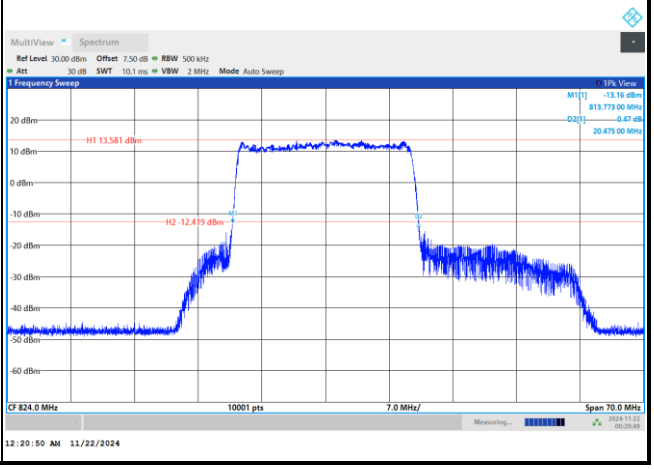
Mode	FR1 n26 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824MHz	5.41	5.25	10.31	10.23	15.25	15.33	20.44	20.55
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824MHz	5.27	5.24	10.16	10.25	15.27	15.43	20.39	20.47

FR1 n26 / 5MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	
FR1 n26 / 5MHz / CP OFDM / 824MHz / Full RB	
QPSK	**16QAM**
	
64QAM	**256QAM**
	

FR1 n26 / 10MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	
FR1 n26 / 10MHz / CP OFDM / 824MHz / Full RB	
QPSK	**16QAM**
	
64QAM	**256QAM**
	

FR1 n26 / 15MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	
FR1 n26 / 15MHz / CP OFDM / 824MHz / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

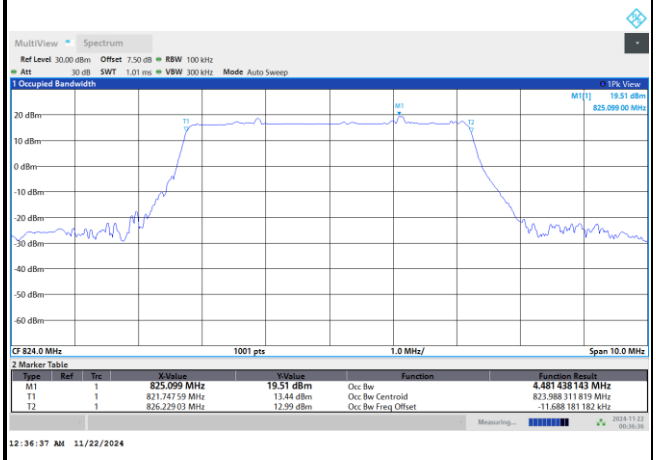
FR1 n26 / 20MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	

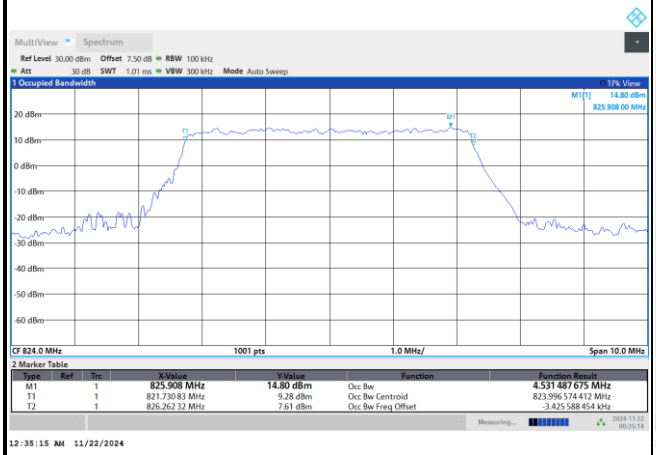
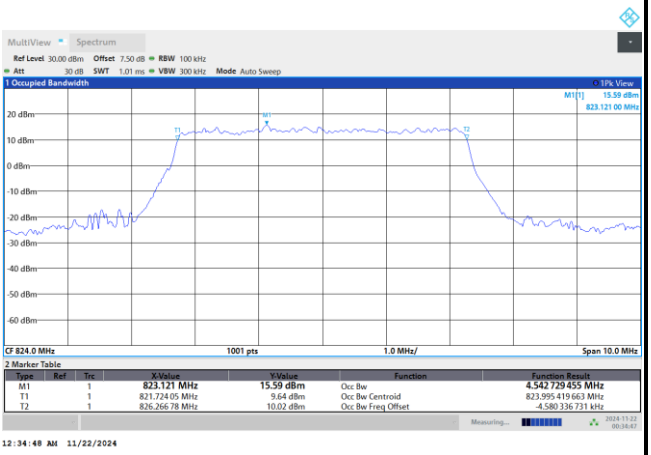
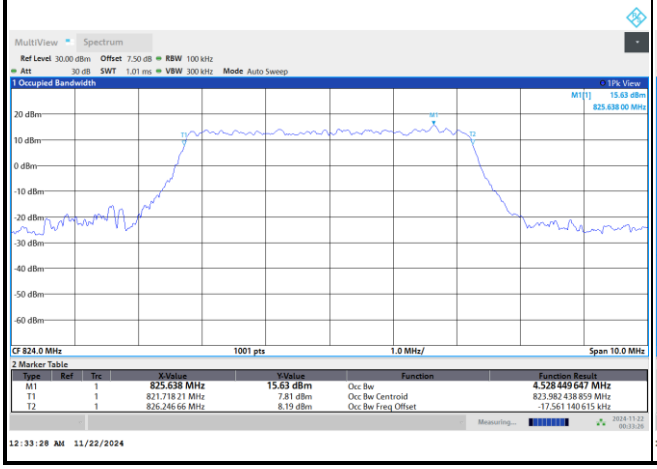
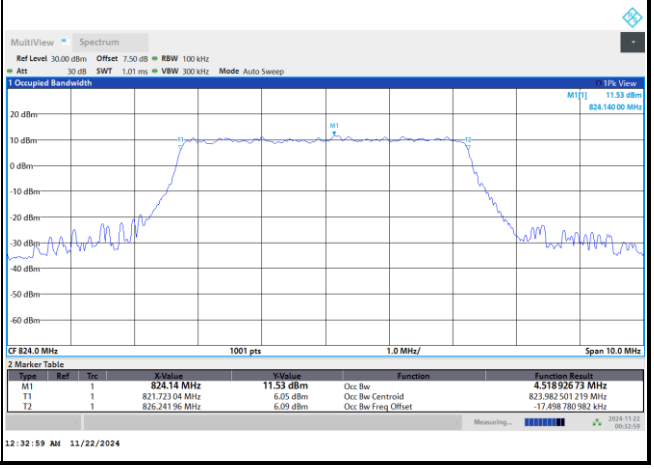
FR1 n26 / 20MHz / CP OFDM / 824MHz / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

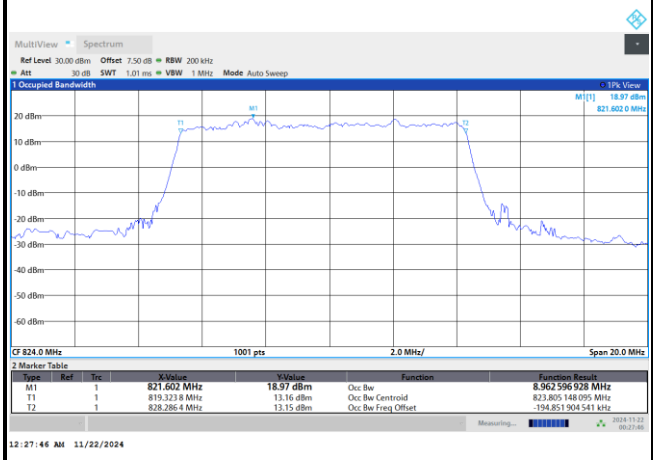
Occupied Bandwidth

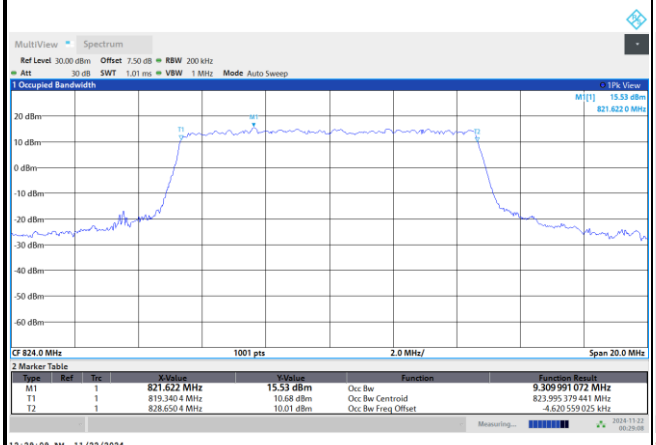
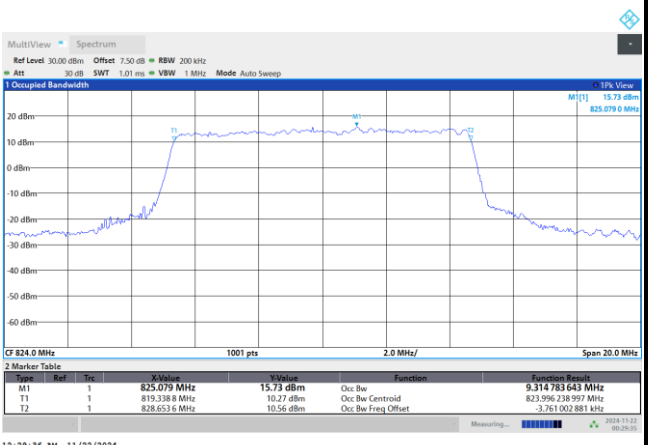
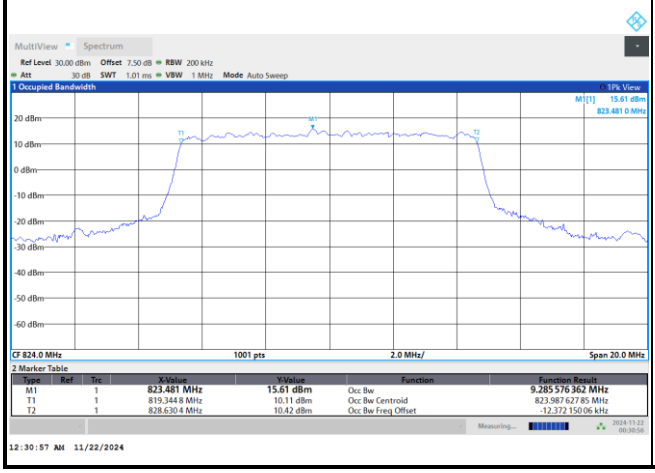
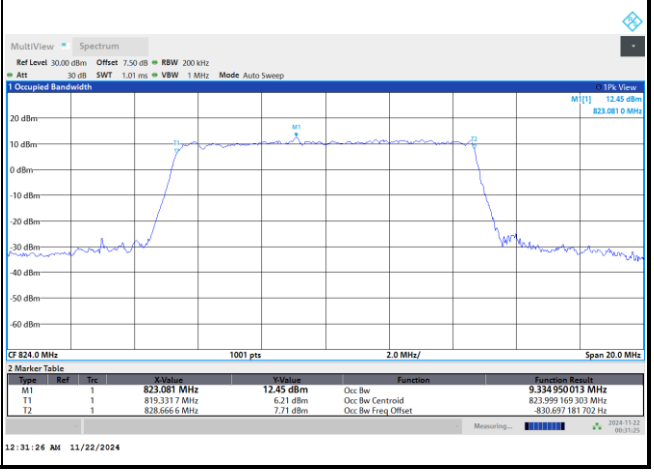
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
824MHz	4.48		8.96		13.44		17.99	

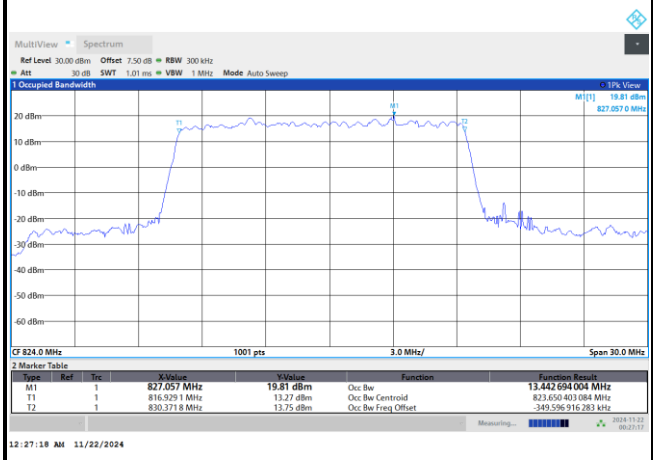
Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824MHz	4.53	4.54	9.30	9.31	14.11	14.14	19.00	19.05
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824MHz	4.52	4.51	9.28	9.33	14.18	14.09	19.02	19.11

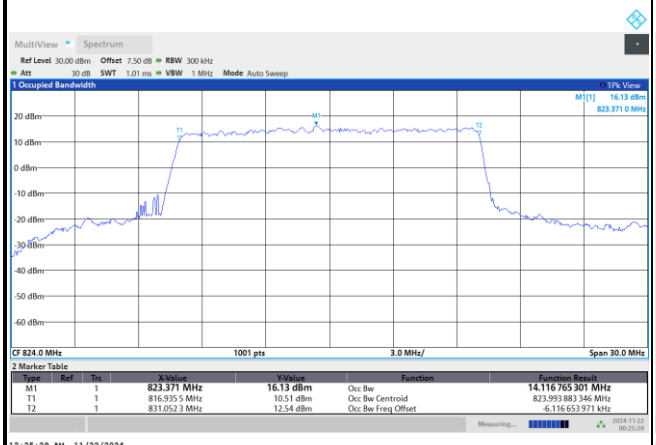
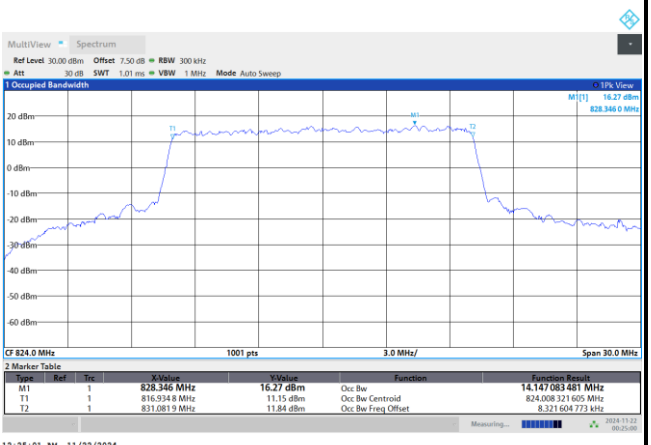
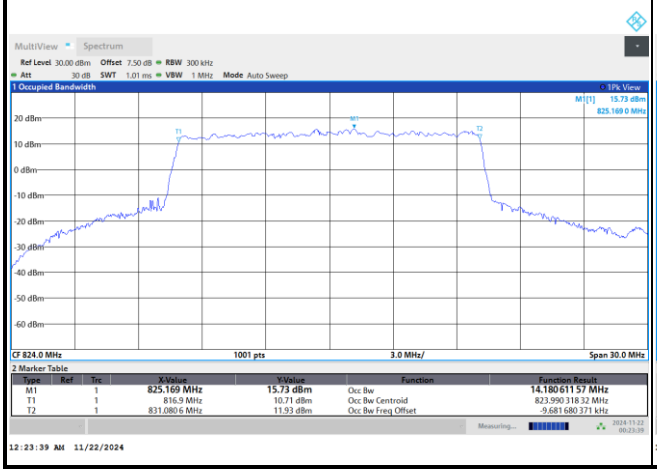
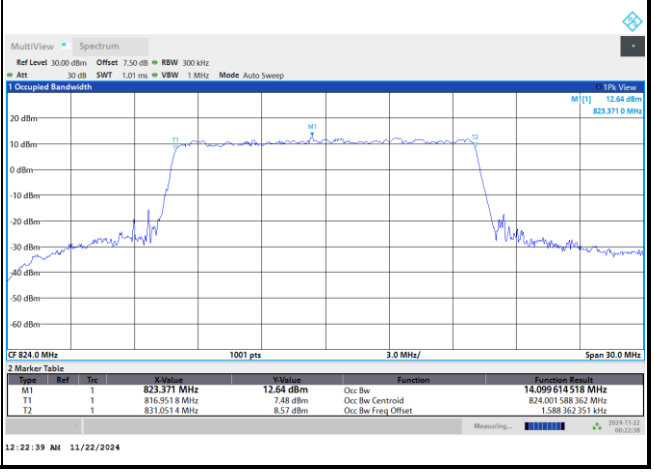
FR1 n26 / 5MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	

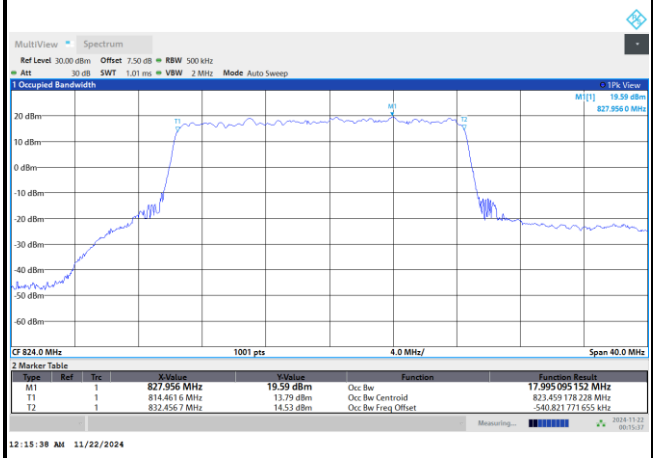
FR1 n26 / 5MHz / CP OFDM / 824MHz / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

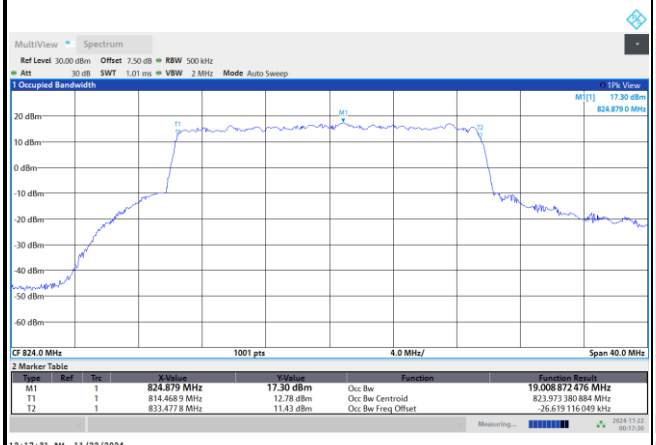
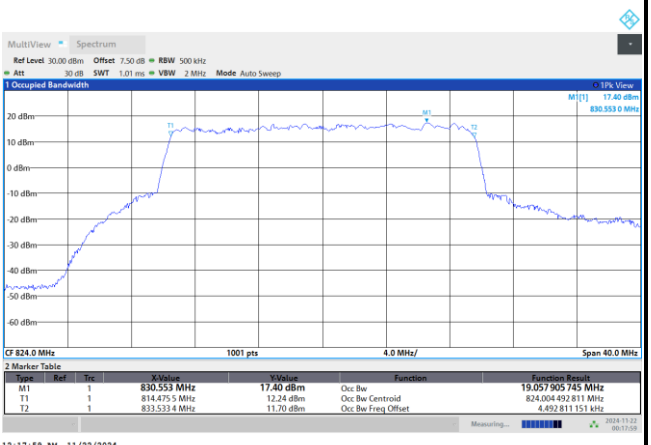
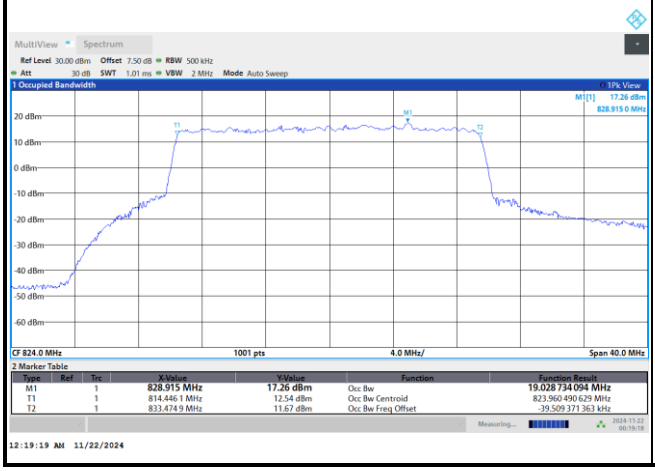
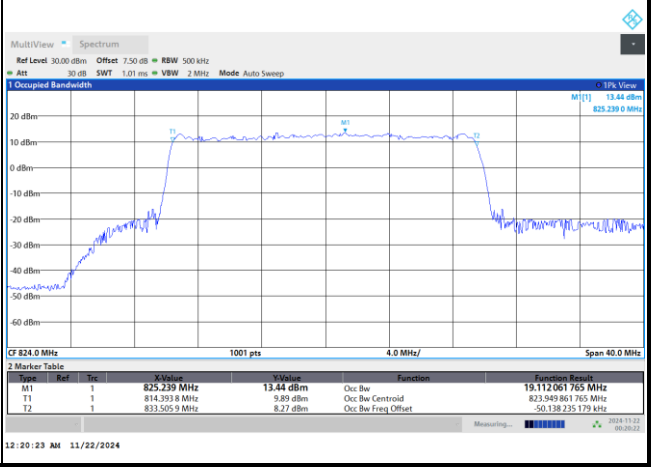
FR1 n26 / 10MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	

FR1 n26 / 10MHz / CP OFDM / 824MHz / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n26 / 15MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	

FR1 n26 / 15MHz / CP OFDM / 824MHz / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n26 / 20MHz / DFT-S OFDM / 824MHz / Full RB	
PI/2 BPSK	
	

FR1 n26 / 20MHz / CP OFDM / 824MHz / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

Frequency Stability

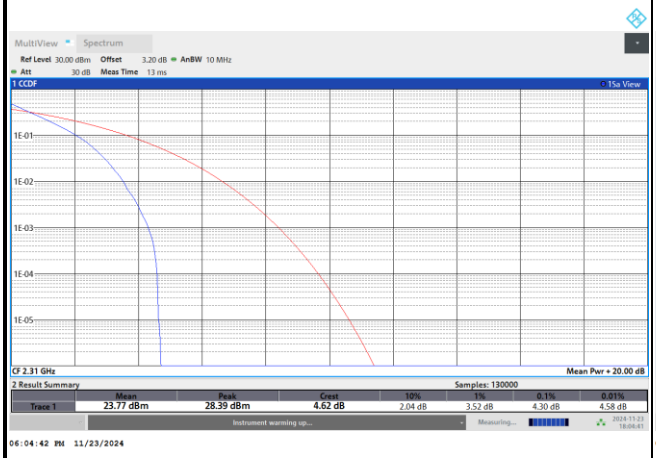
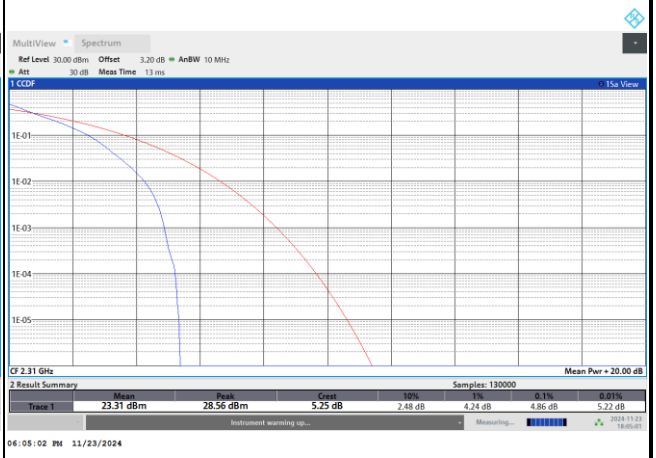
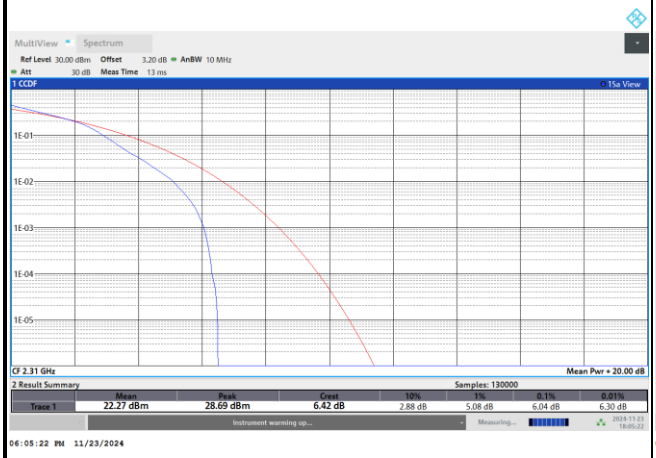
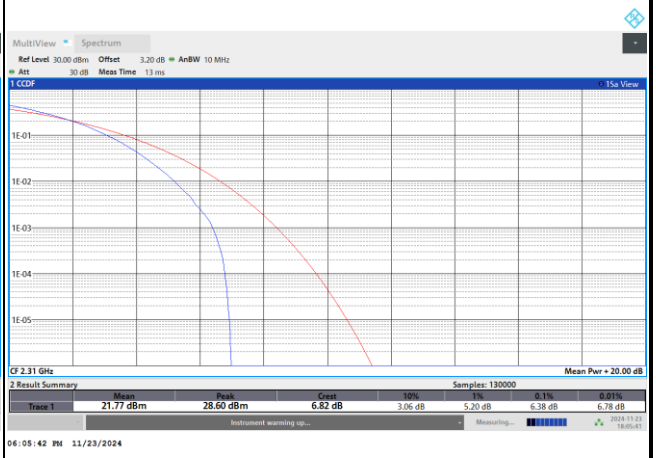
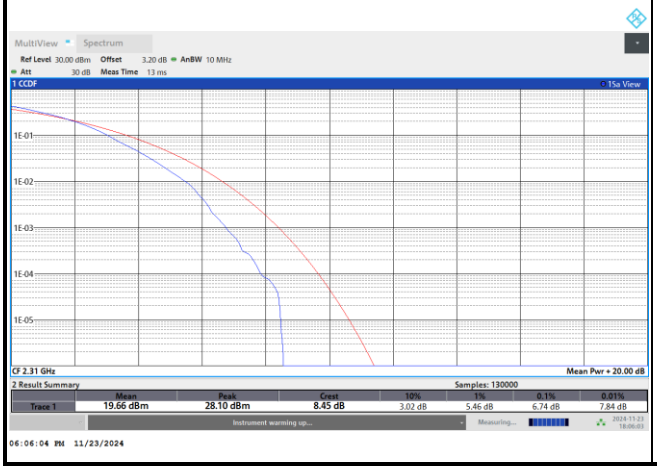
Test Conditions		FR1 n26 (BPSK) / 824MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0027	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0003	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0023	

Note: Normal Voltage = 3.8 V.；Minimum Voltage = 3.6 V.；Maximum Voltage = 4.2 V.

FR1 n30

Peak-to-Average Ratio

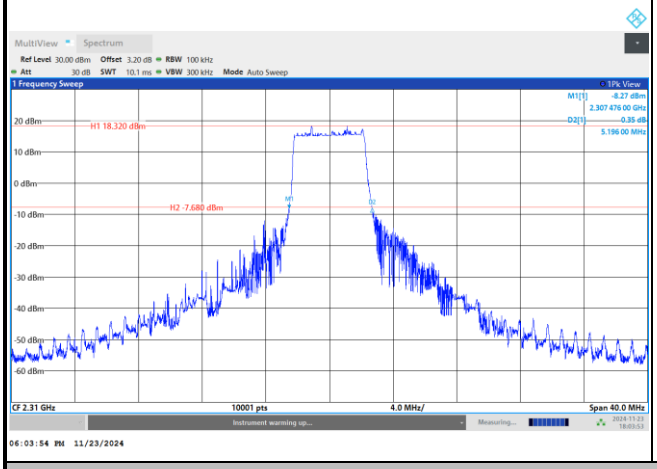
Mode	FR1 n30 / 10MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.30	4.86	6.04	6.38	PASS
Mode	FR1 n30 / 10MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.74				PASS

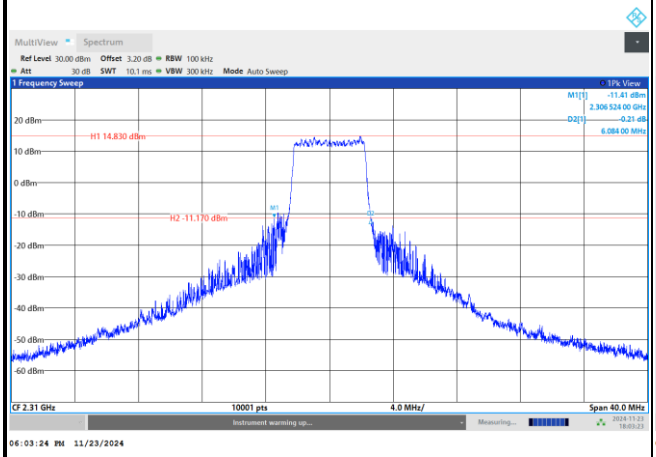
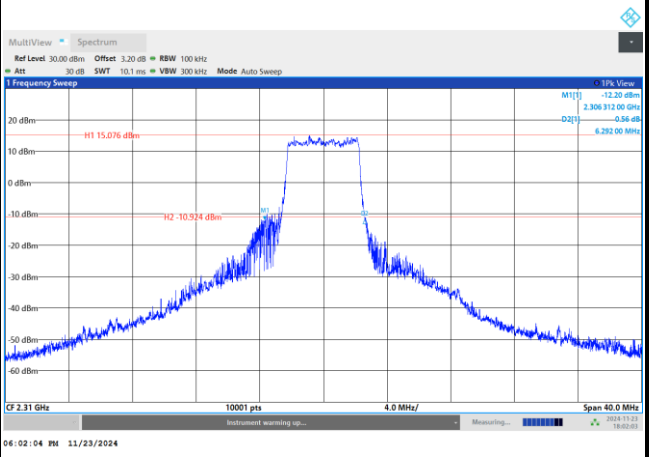
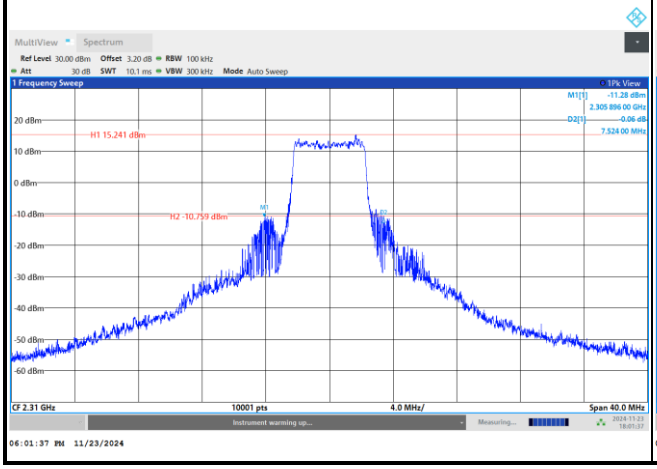
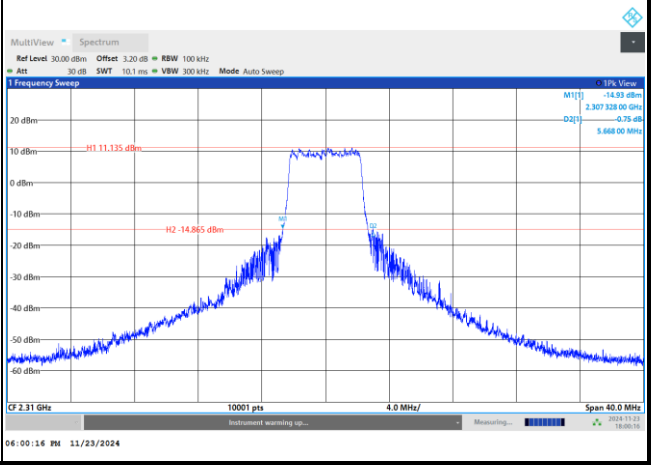
FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

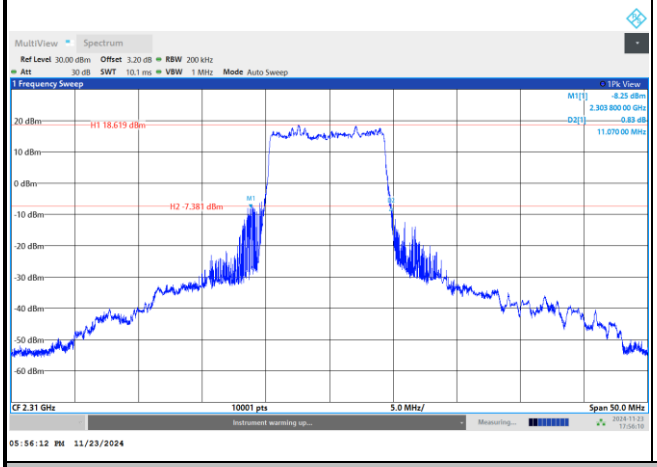
26dB Bandwidth

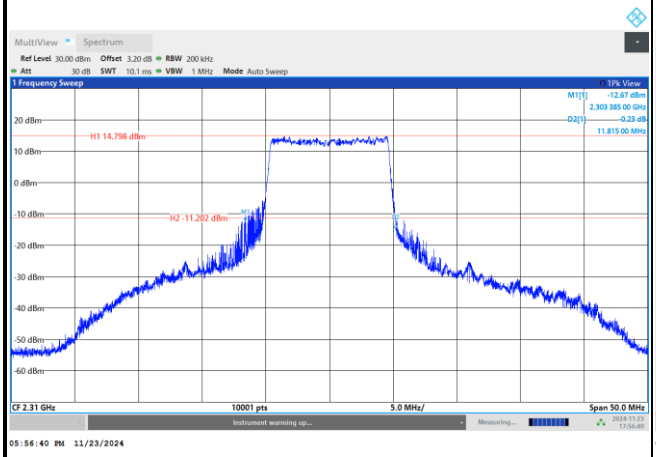
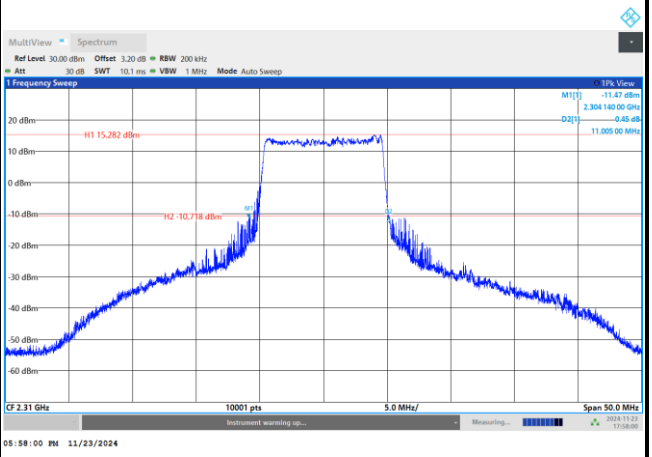
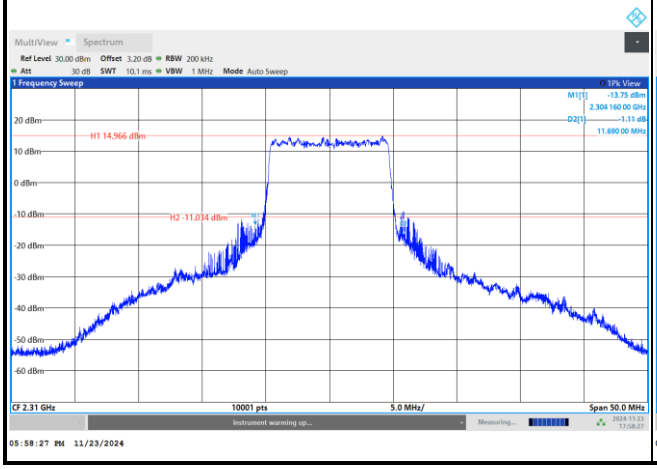
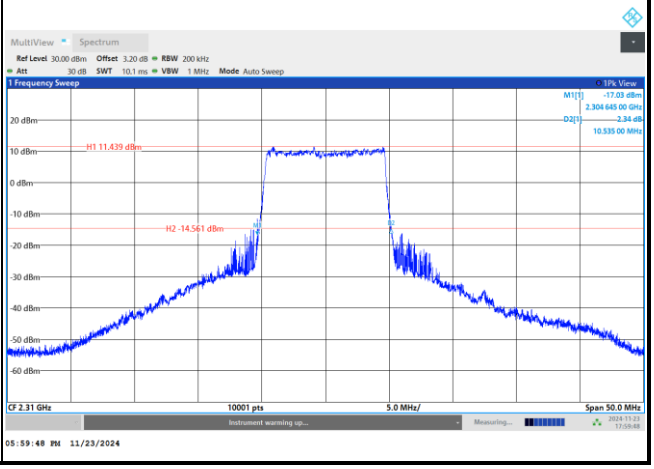
Mode	FR1 n30 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	5.19		11.07					

Mode	FR1 n30 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	6.08	6.29	11.81	11.00				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	7.52	5.66	11.68	10.53				

FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n30 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

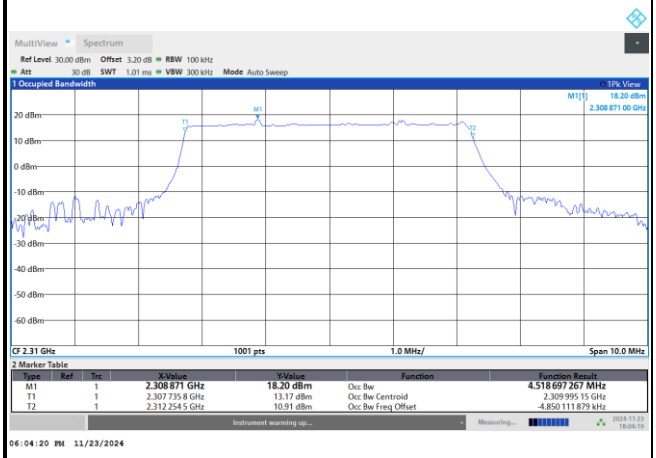
FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

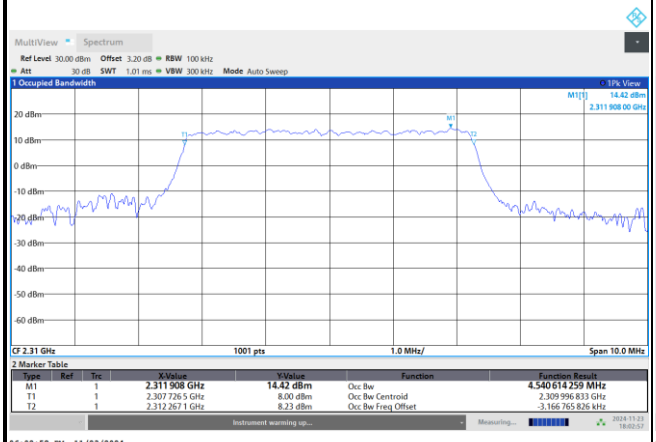
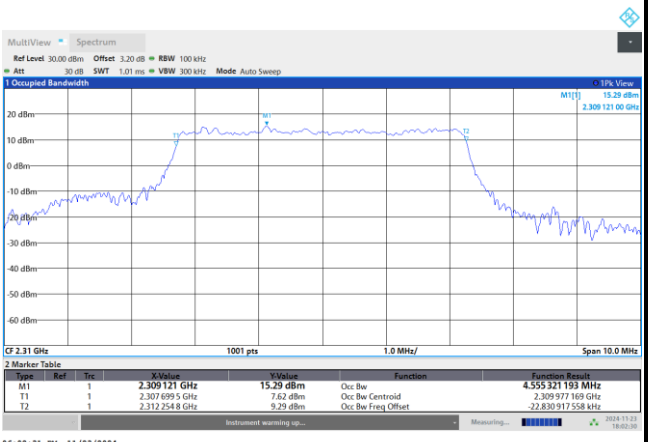
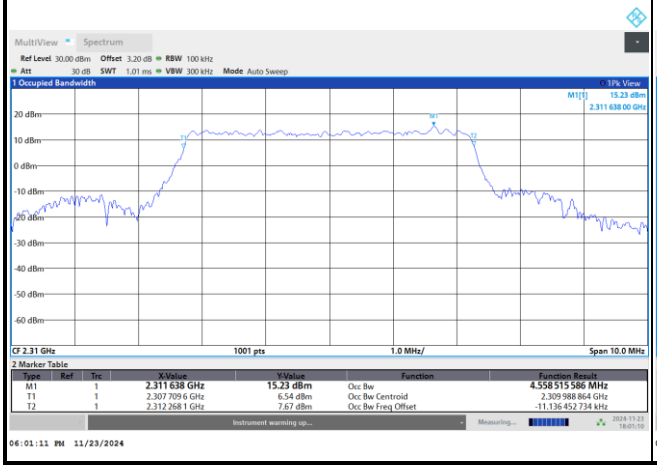
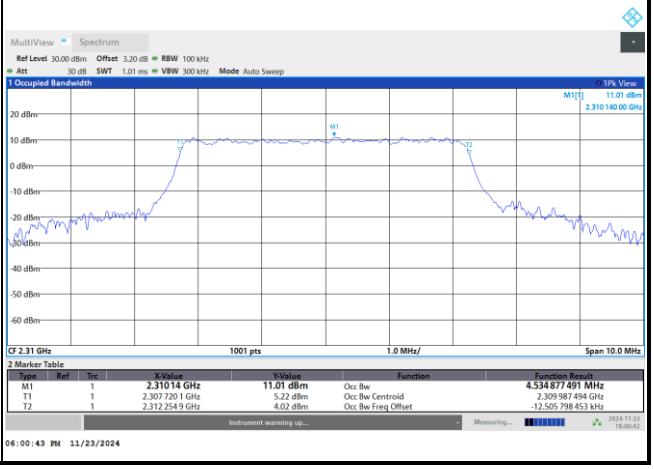
FR1 n30 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

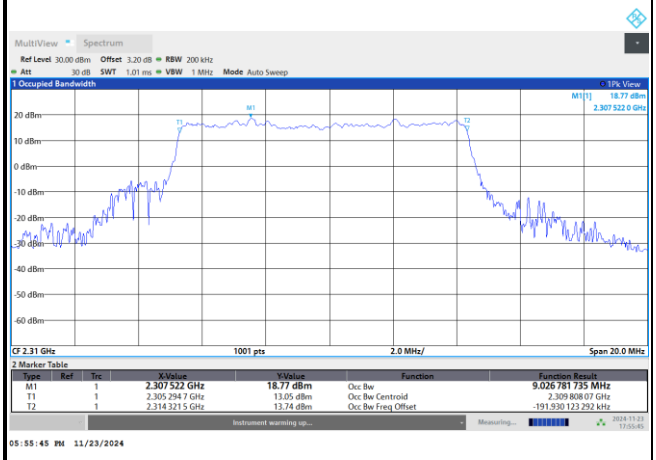
Occupied Bandwidth

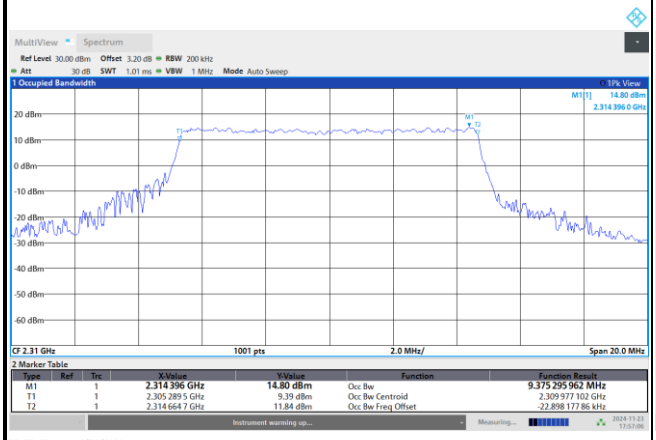
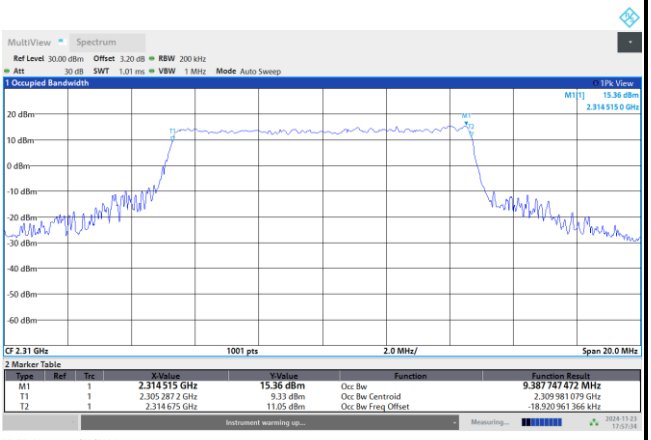
Mode	FR1 n30 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.51		9.02					

Mode	FR1 n30 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.54	4.55	9.37	9.38				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.55	4.53	9.36	9.39				

FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n30 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

FR1 n30 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM