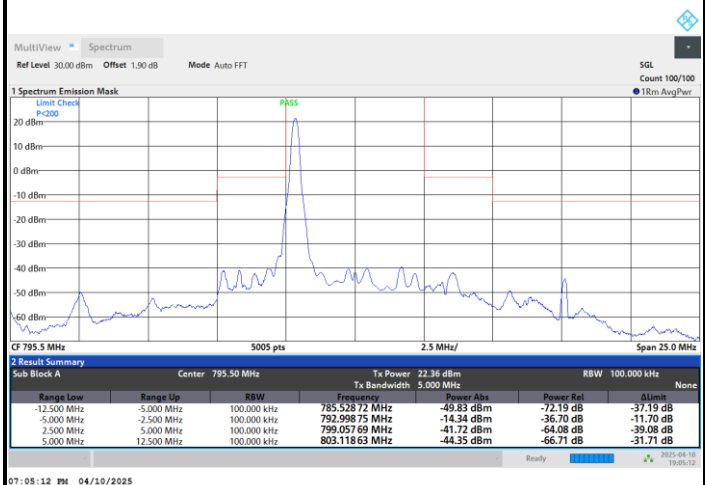
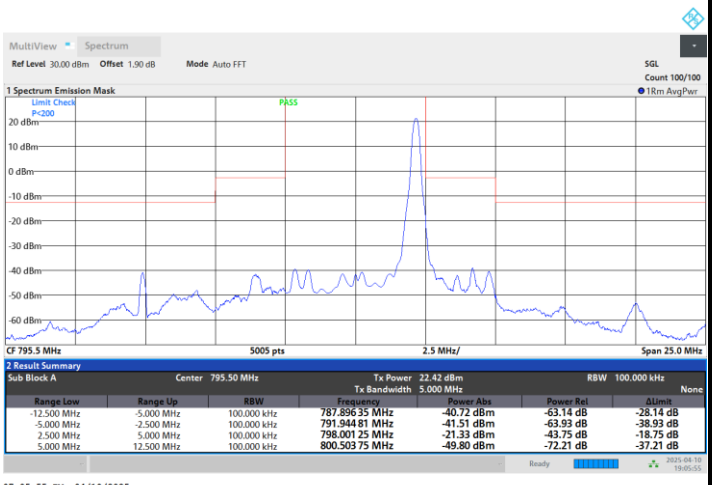
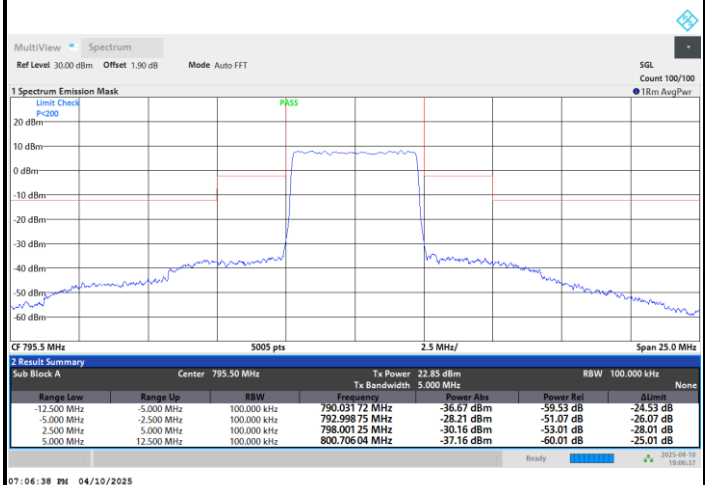
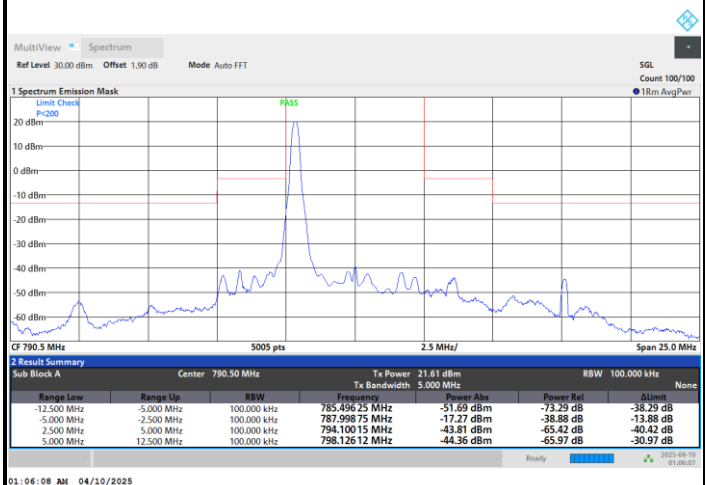
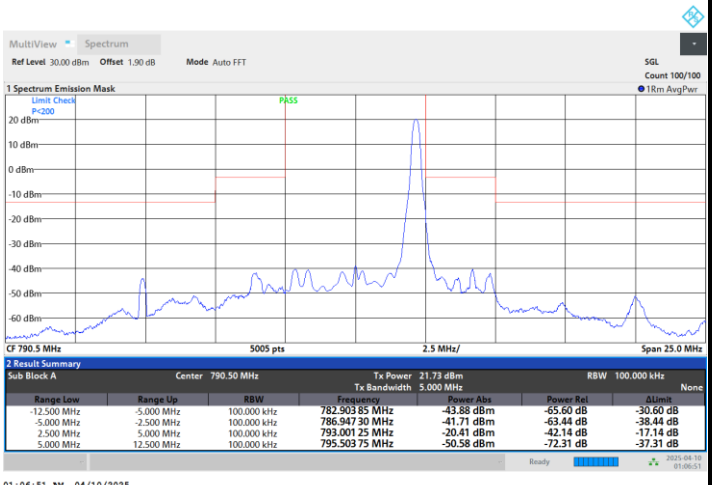
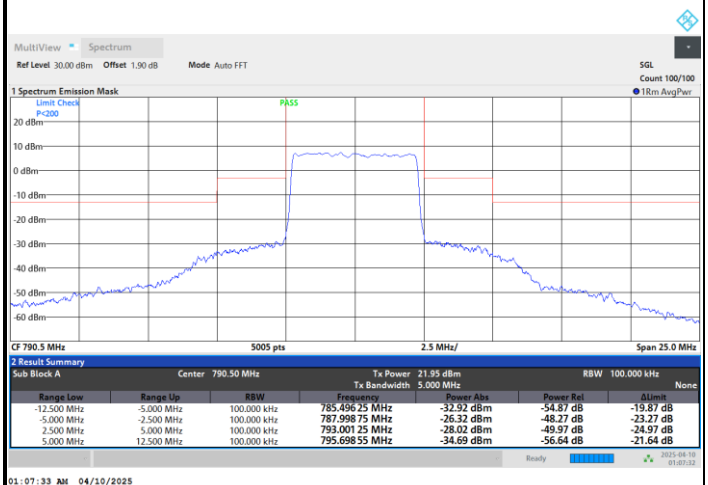
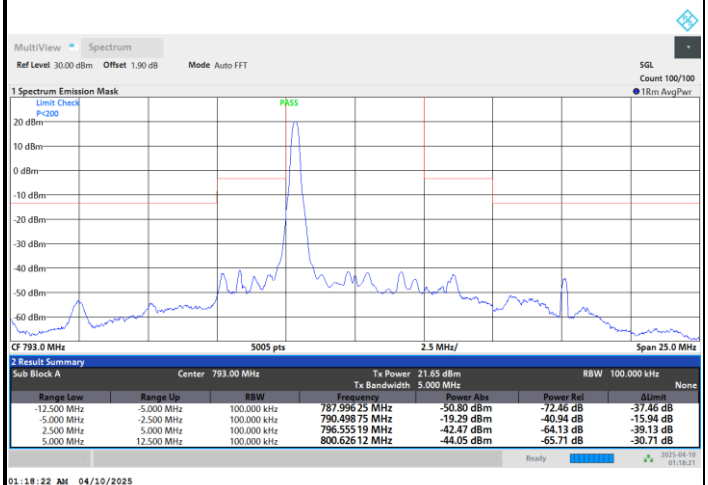
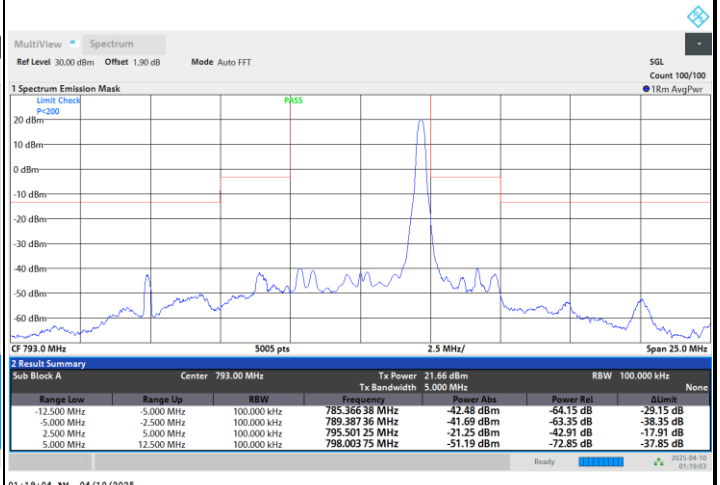
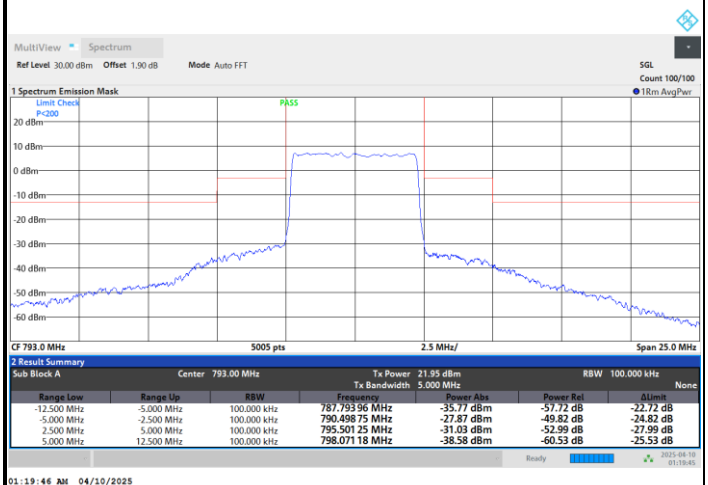
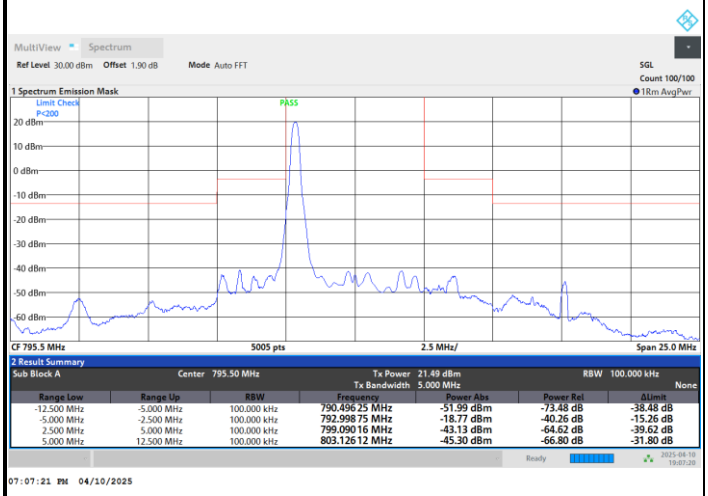
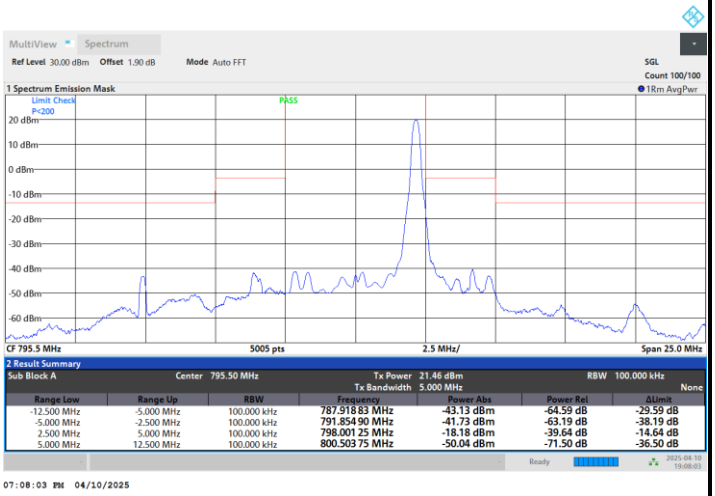
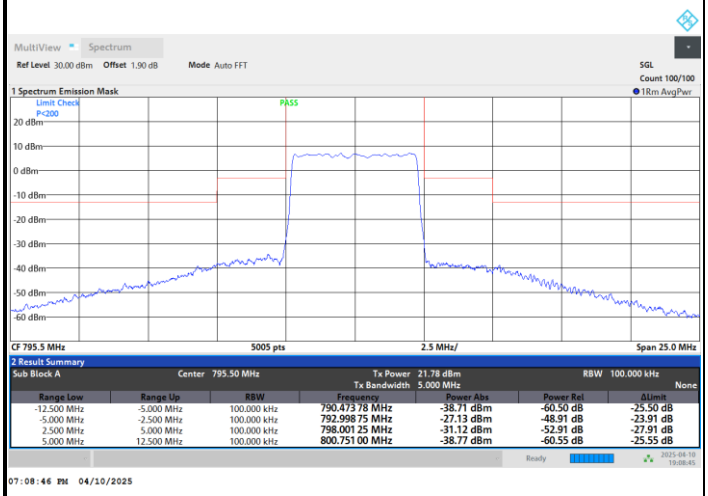
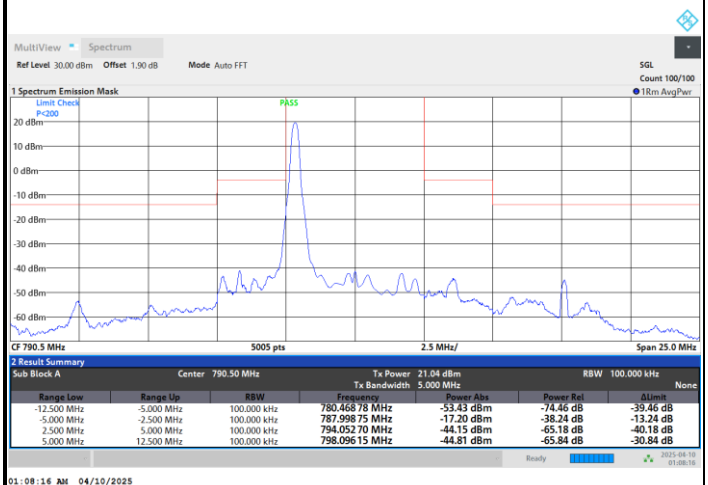
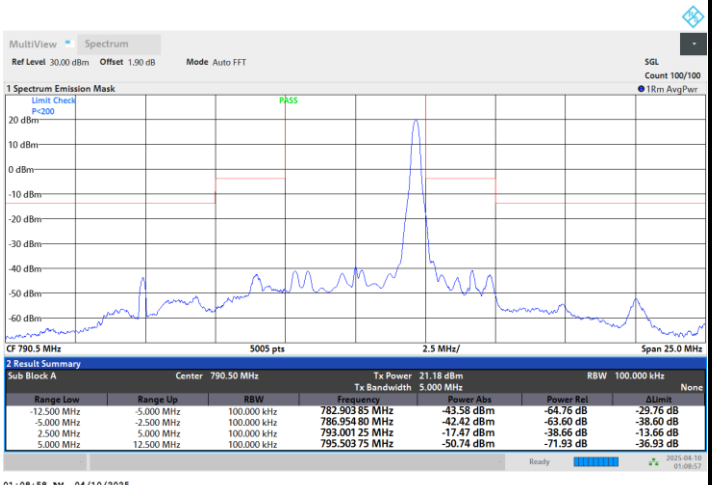
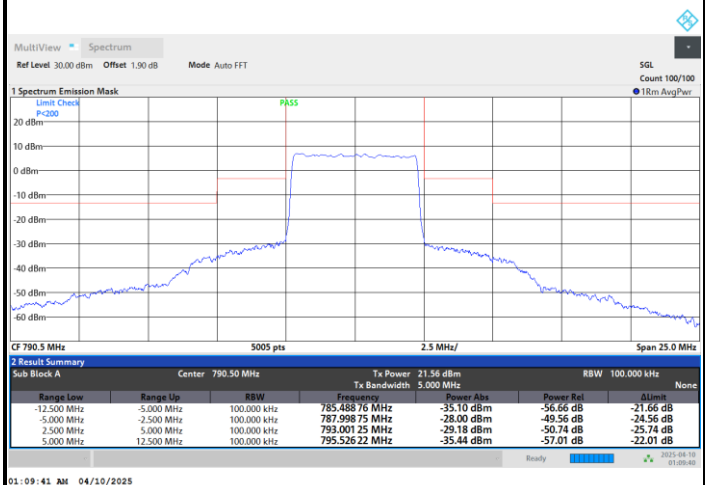
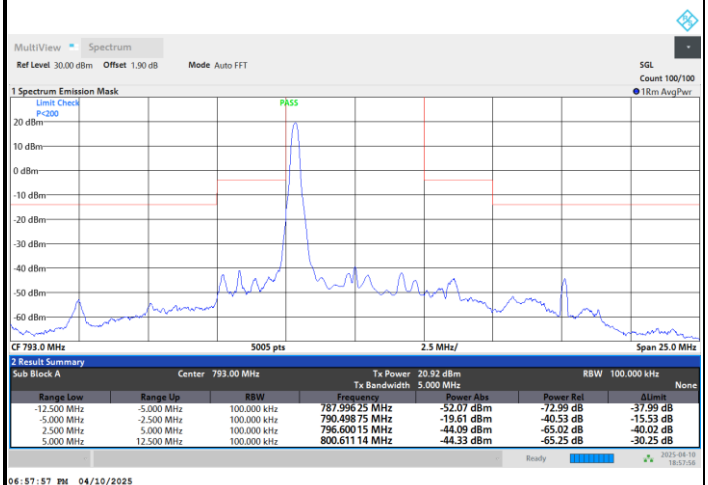
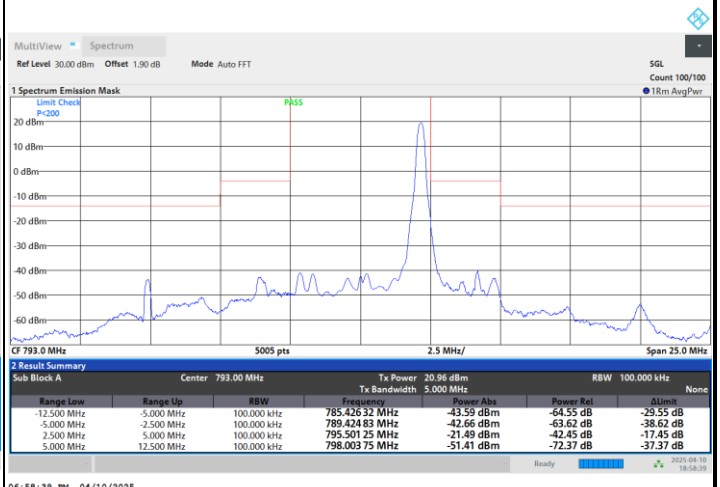
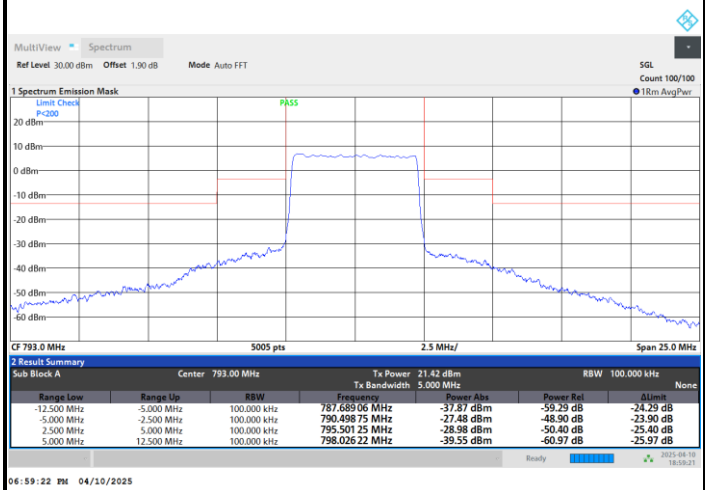
FR1 n14 / 5MHz / DFT-S OFDM / QPSK	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

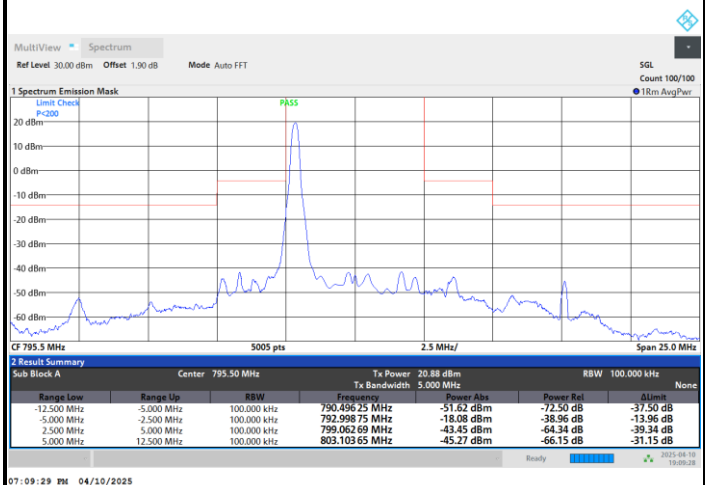
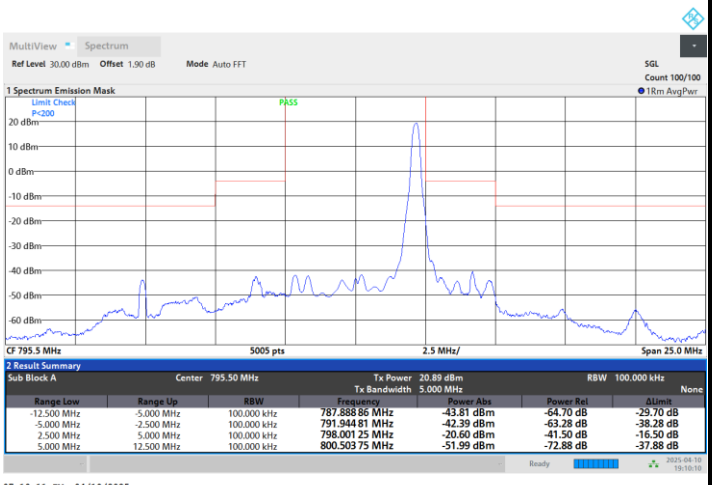
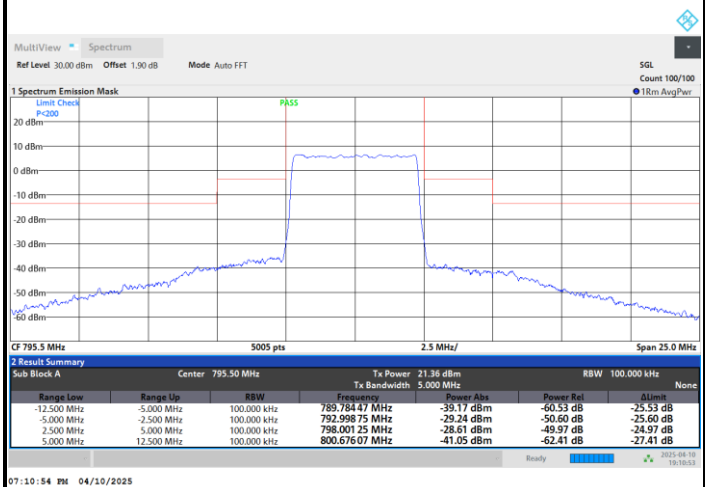
FR1 n14 / 5MHz / DFT-S OFDM / 16QAM	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

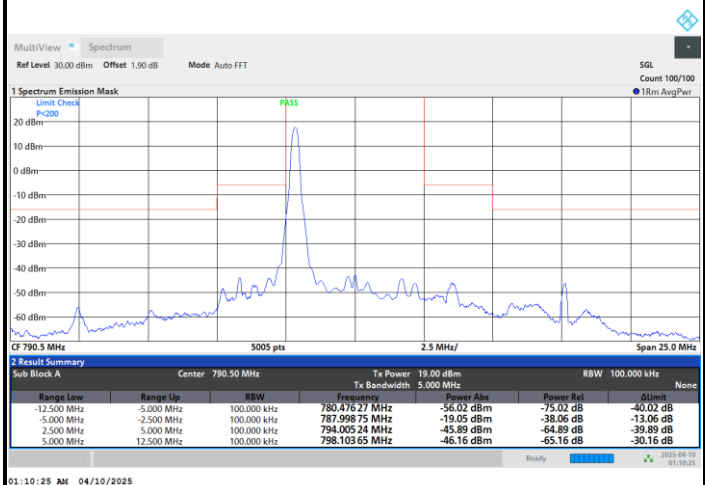
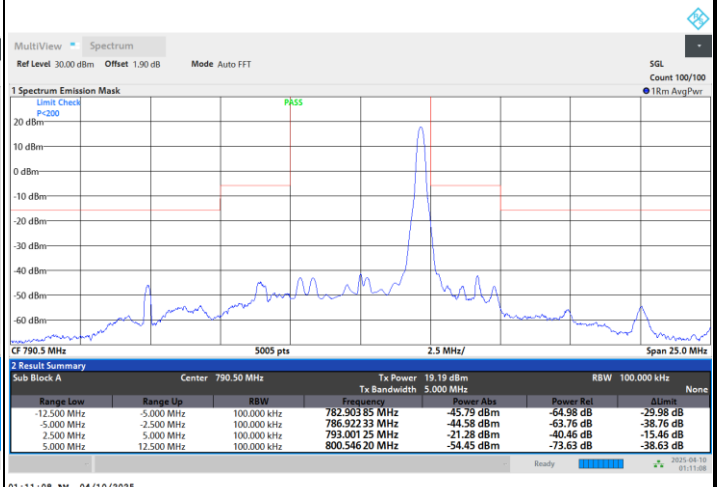
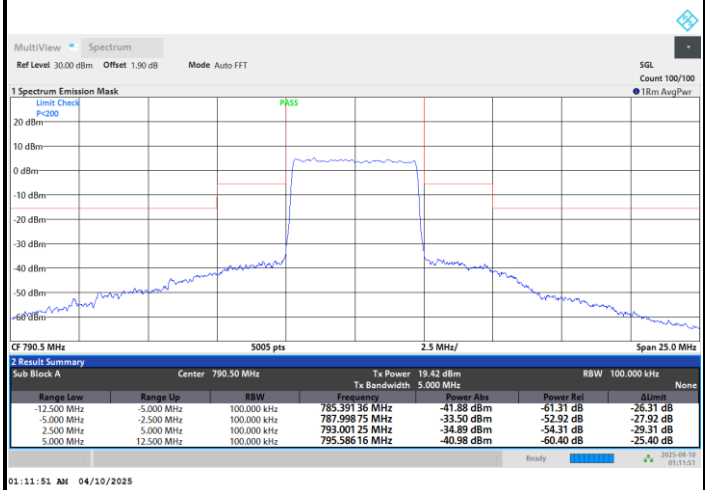
FR1 n14 / 5MHz / DFT-S OFDM / 16QAM	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

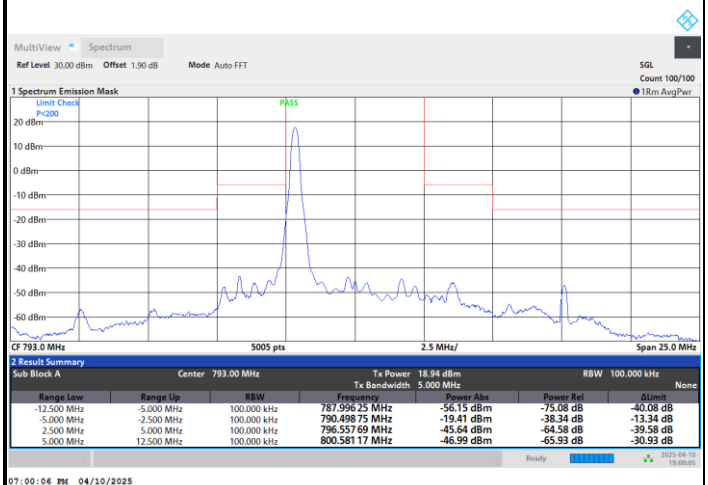
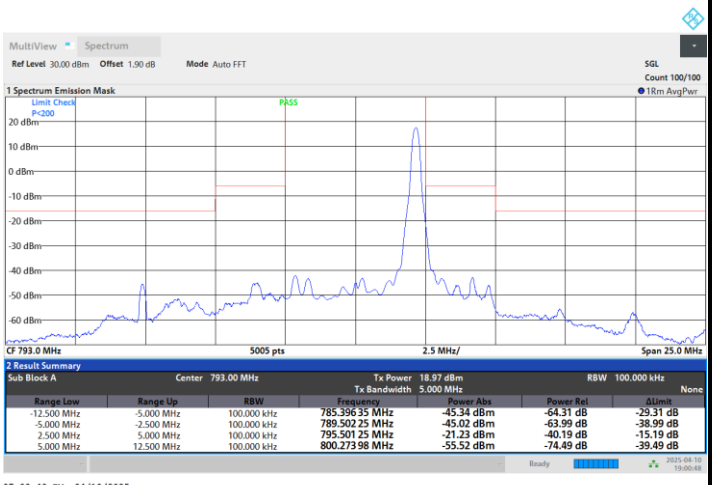
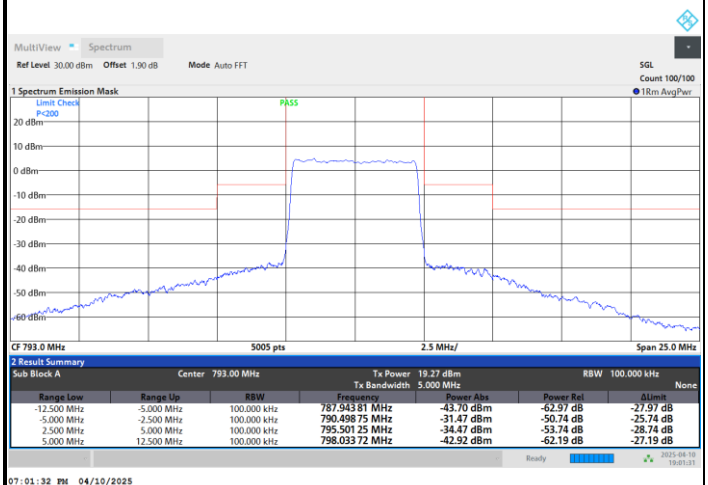
FR1 n14 / 5MHz / DFT-S OFDM / 16QAM	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

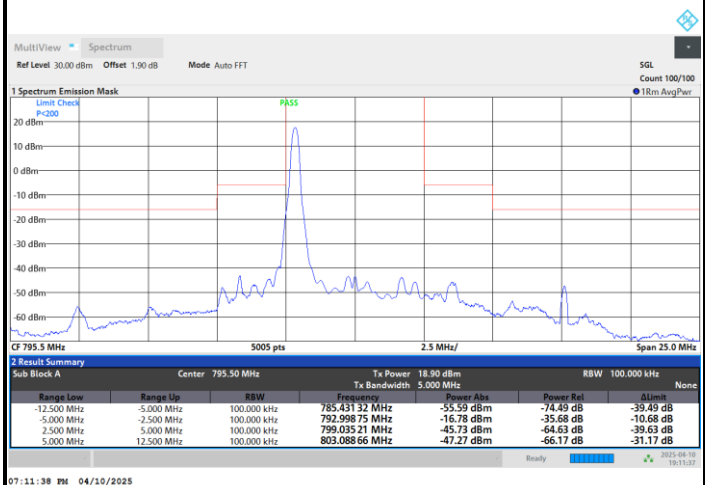
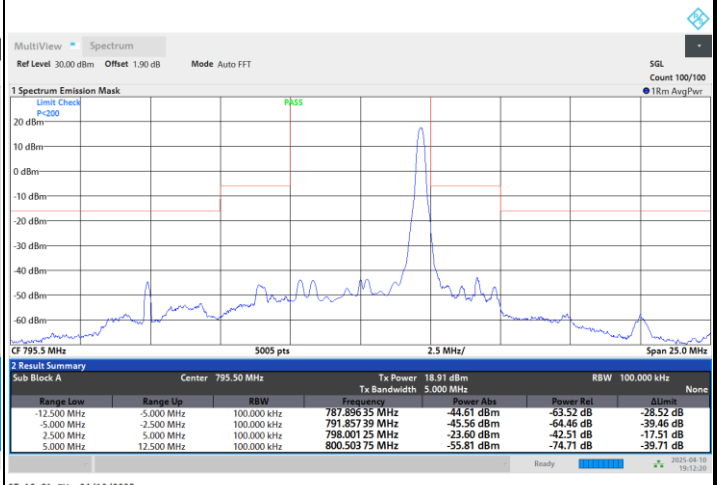
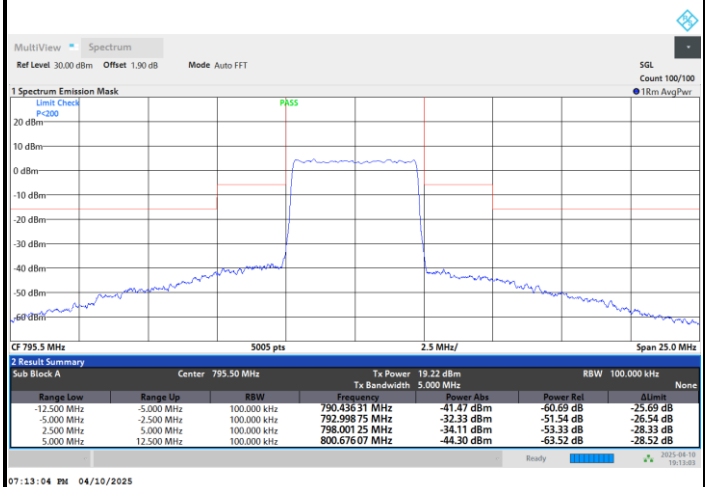
FR1 n14 / 5MHz / DFT-S OFDM / 64QAM	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

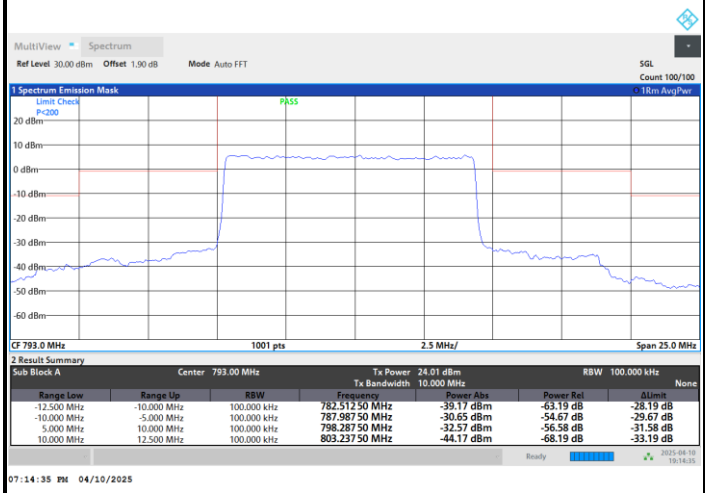
FR1 n14 / 5MHz / DFT-S OFDM / 64QAM	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

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

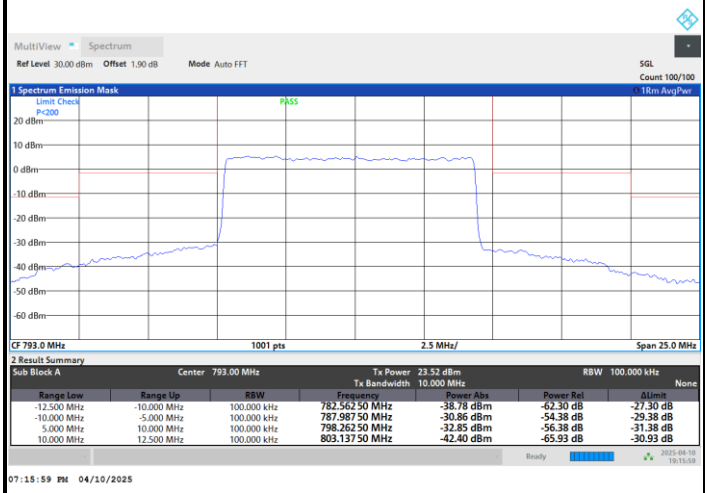
FR1 n14 / 5MHz / DFT-S OFDM / 256QAM	
Lowest Channel	
1RB0	1RBmax
	
Full RB	
	

FR1 n14 / 5MHz / DFT-S OFDM / 256QAM	
Middle Channel	
1RB0	1RBmax
	
Full RB	
	

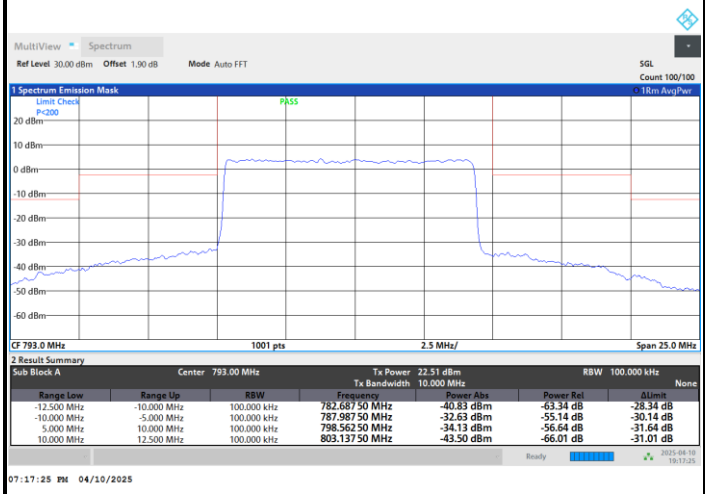
FR1 n14 / 5MHz / DFT-S OFDM / 256QAM	
Highest Channel	
1RB0	1RBmax
	
Full RB	
	

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

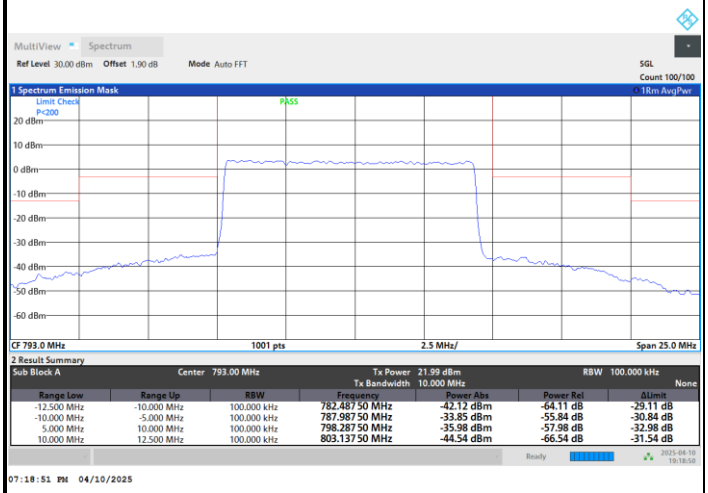
FR1 n14 / 10MHz / DFT-S OFDM / QPSK	
Middle Channel	
Full RB	



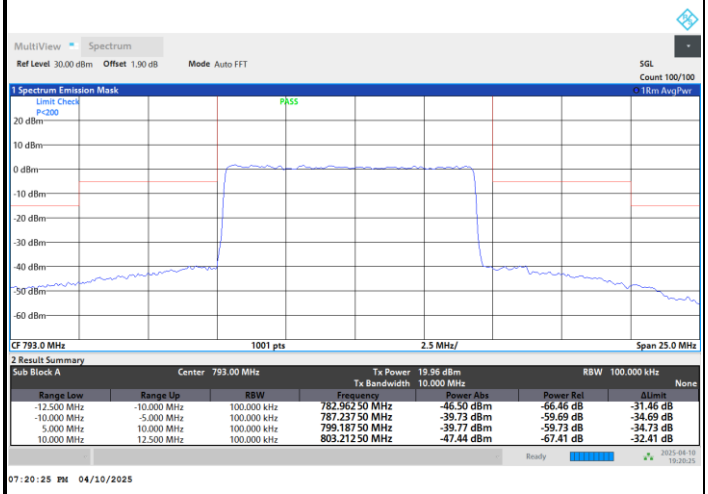
FR1 n14 / 10MHz / DFT-S OFDM / 16QAM	
Middle Channel	
Full RB	

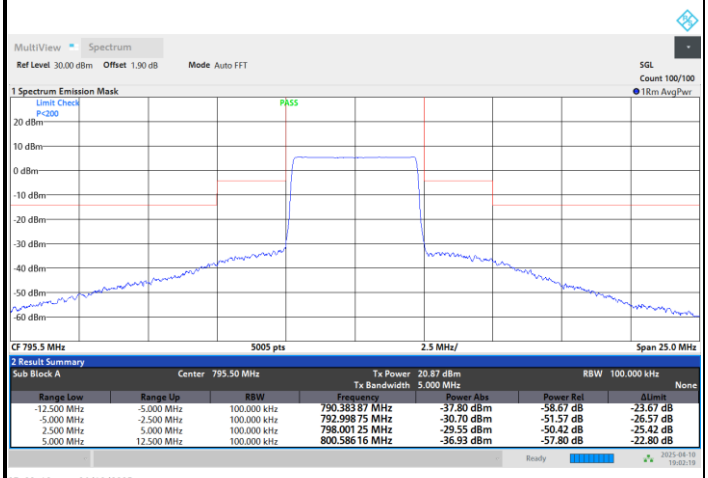


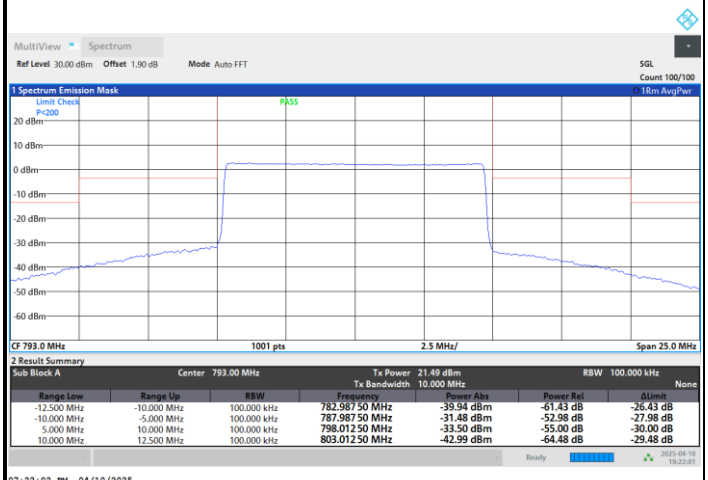
FR1 n14 / 10MHz / DFT-S OFDM / 64QAM	
Middle Channel	
Full RB	



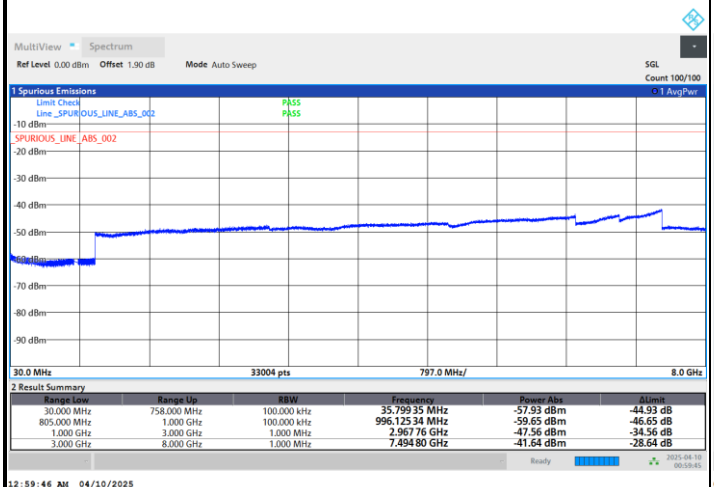
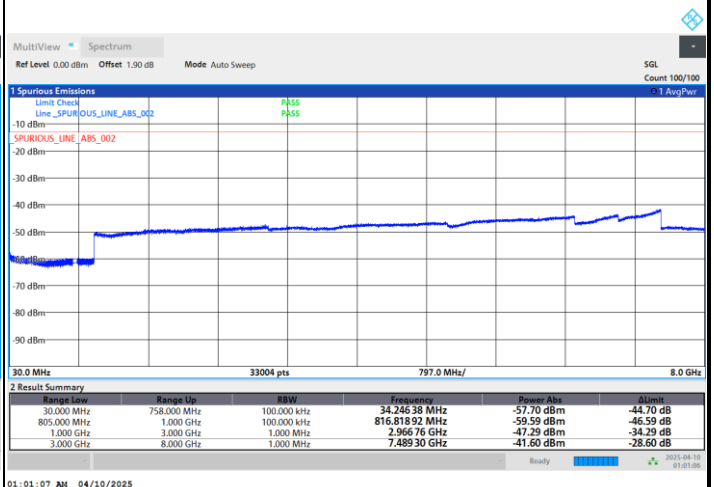
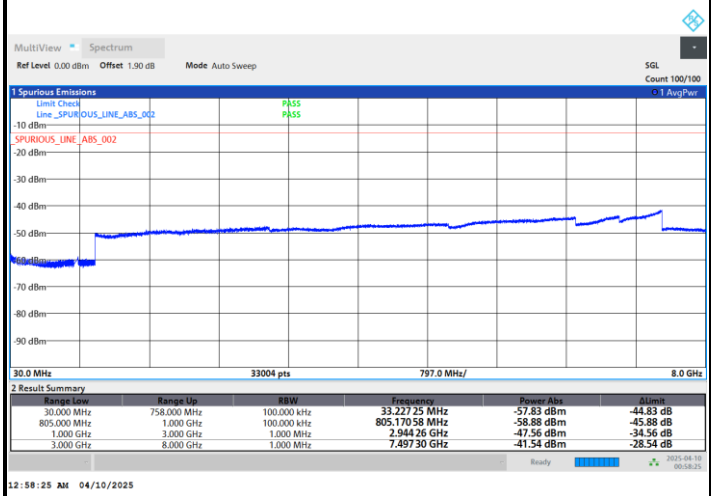
FR1 n14 / 10MHz / DFT-S OFDM / 256QAM	
Middle Channel	
Full RB	



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	0.0009	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0055	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0047	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0050	
20	Maximum Voltage	0.0047	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0032	

Note:

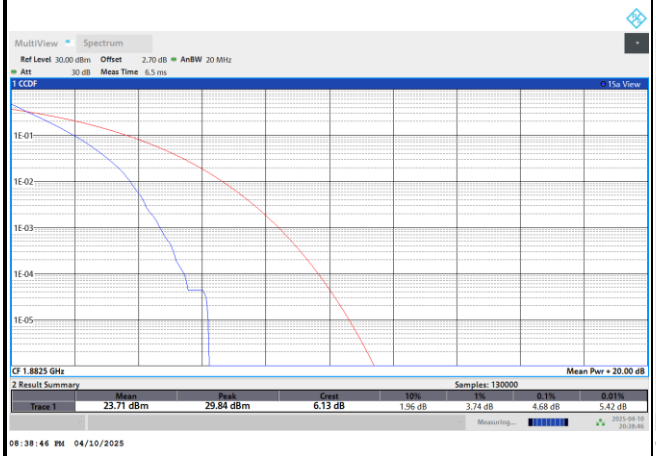
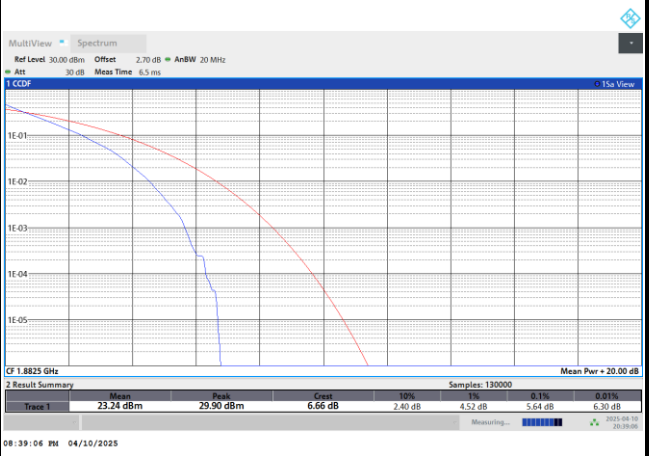
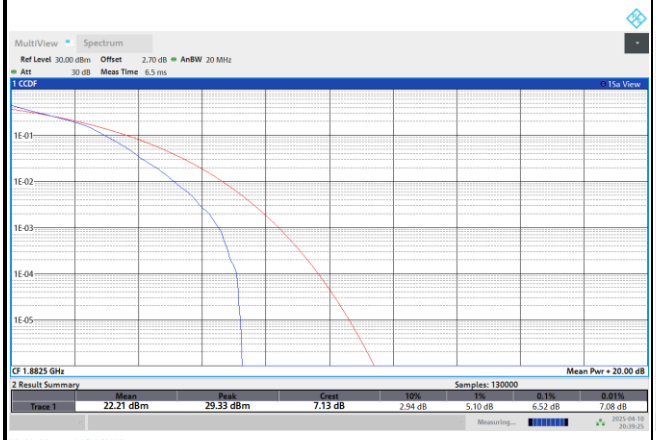
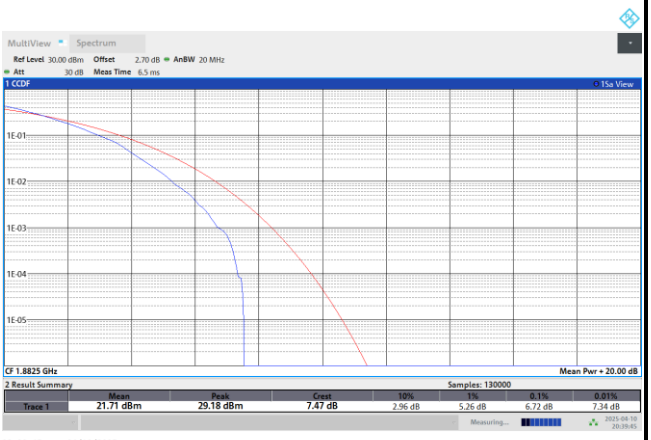
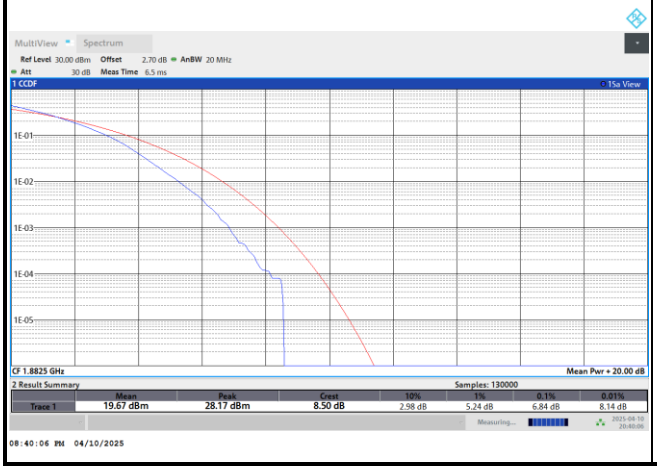
1. Normal Voltage = 3.8 V.；Minimum Voltage = 3.4 V.；Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

FR1 n25

<SISO Mode>

Peak-to-Average Ratio

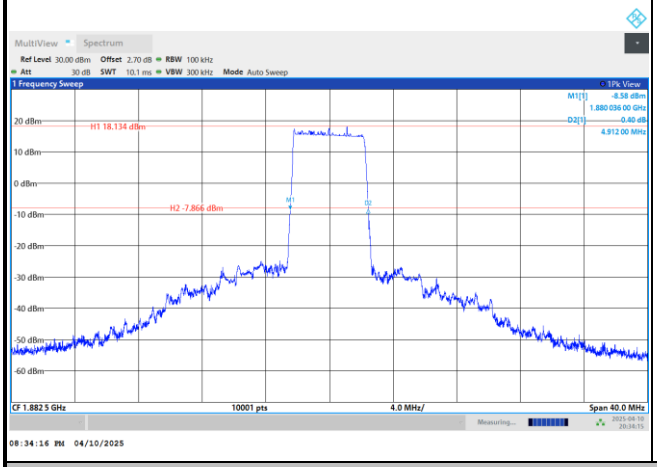
Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.68	5.64	6.52	6.72	PASS
Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.84				PASS

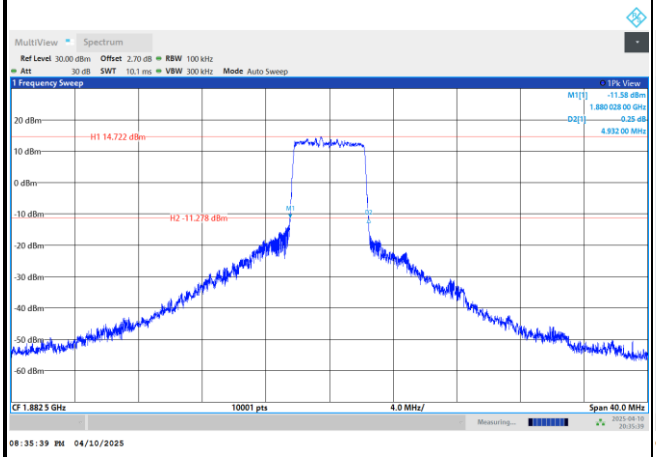
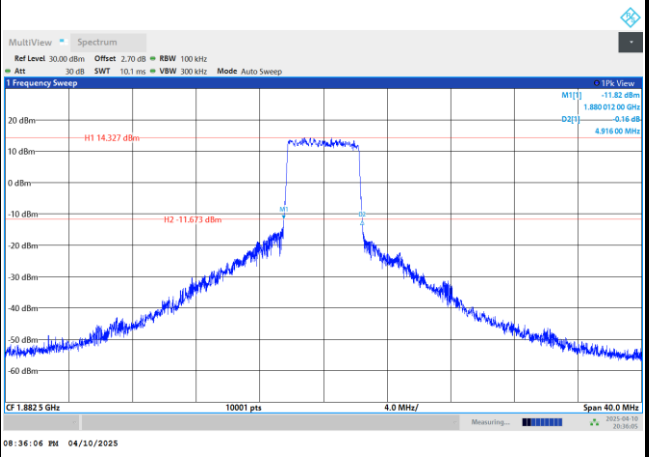
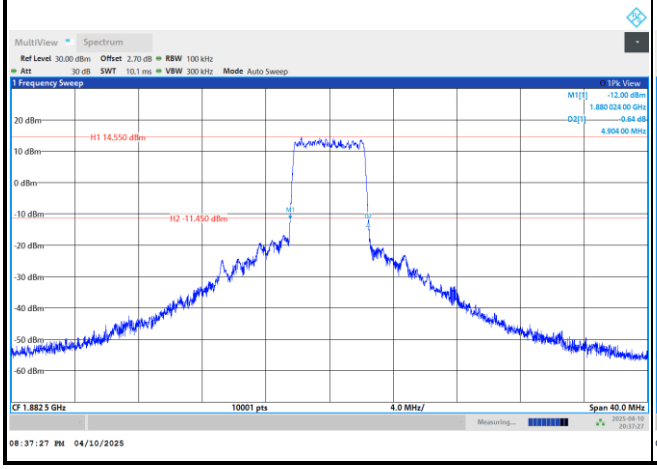
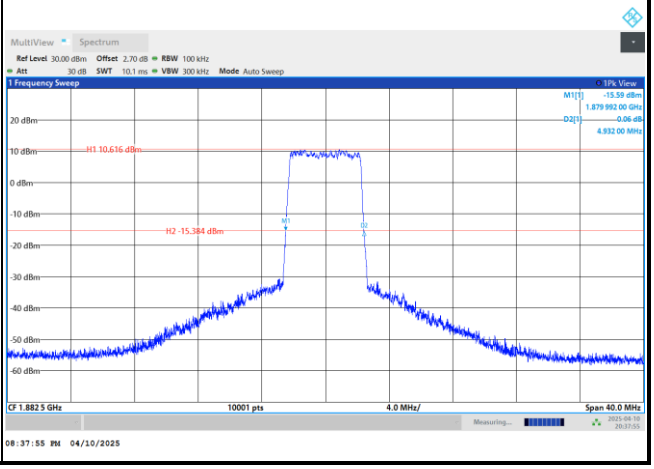
FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

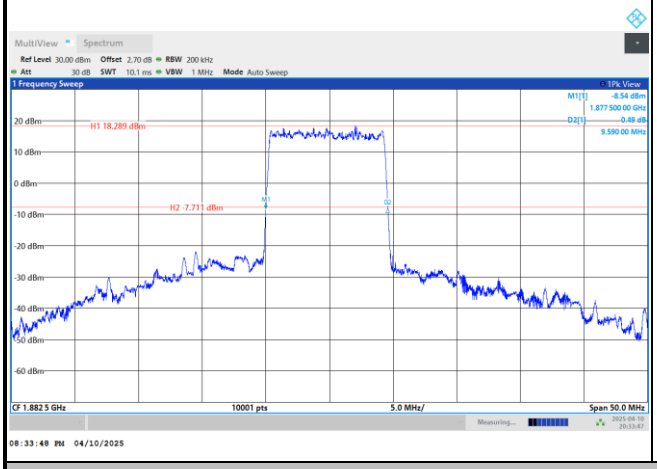
26dB Bandwidth

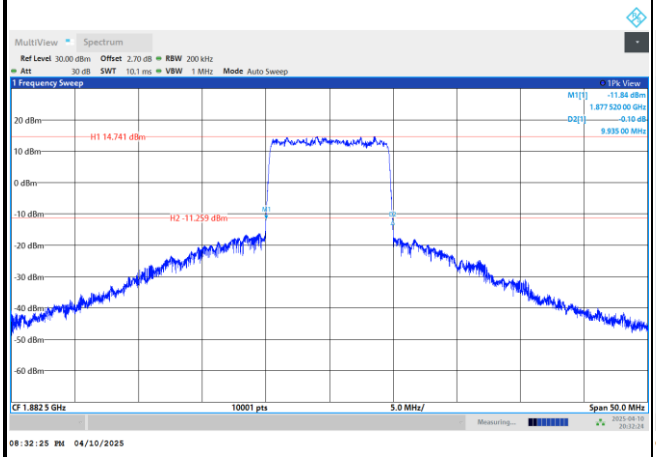
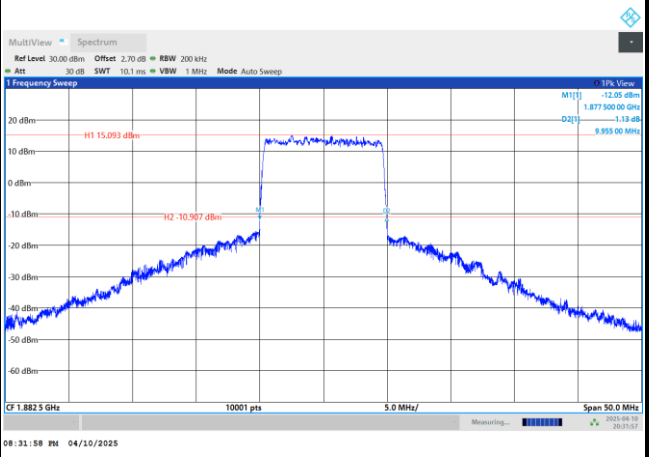
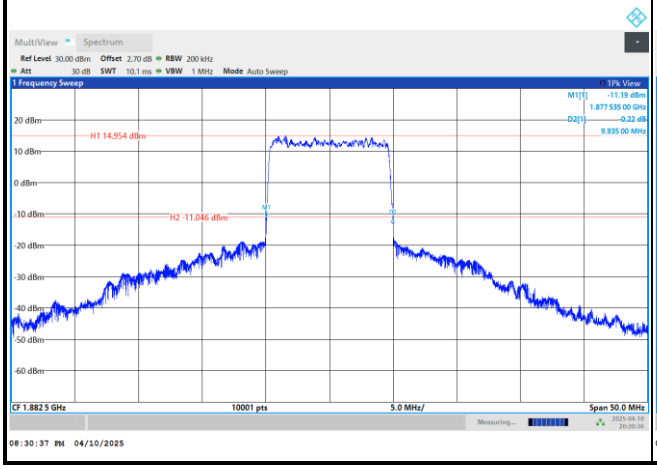
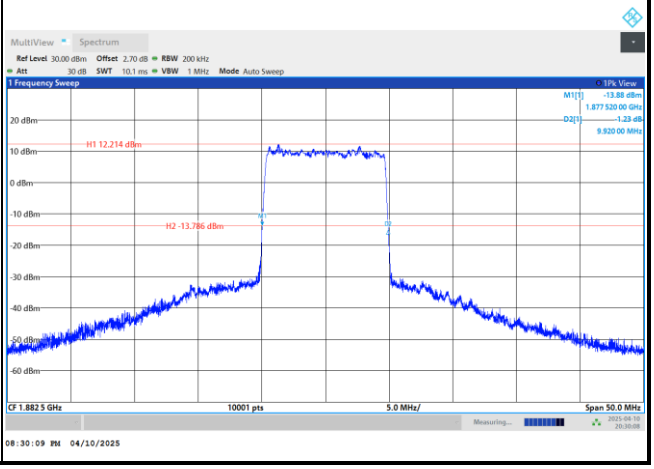
Mode	FR1 n25 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.91		9.59		14.22		19.14	

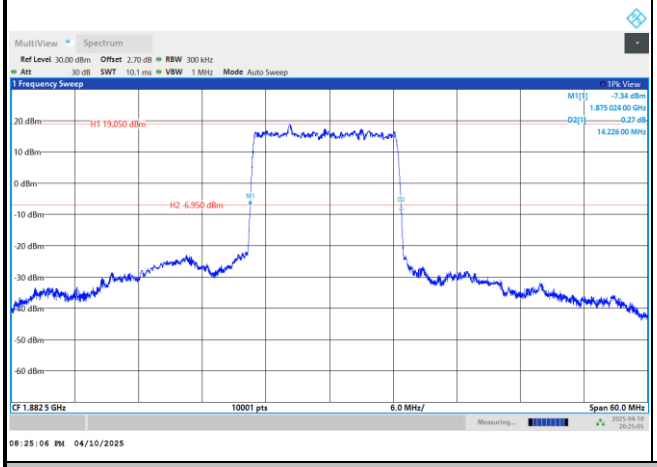
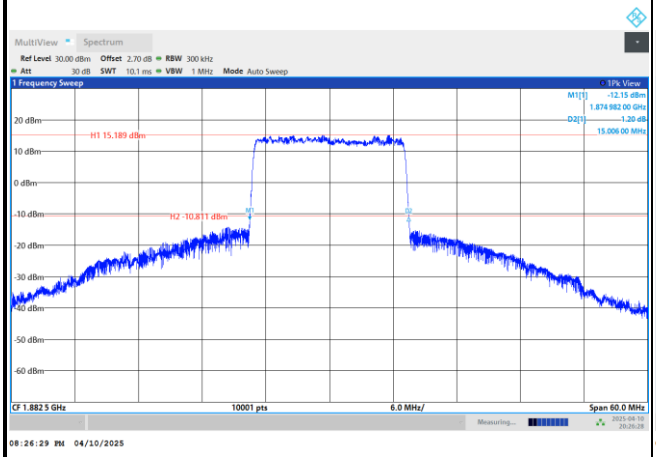
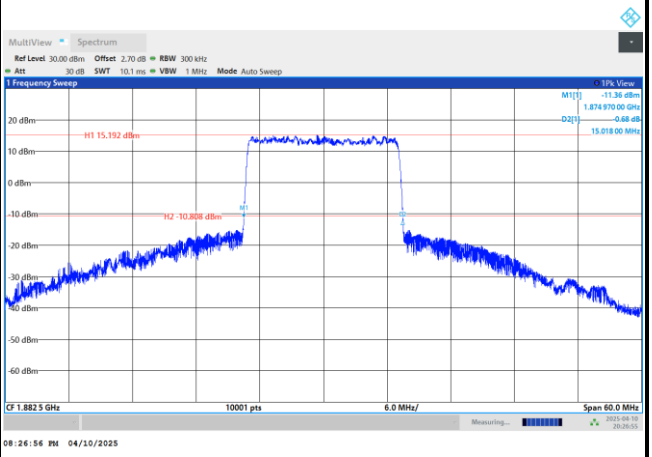
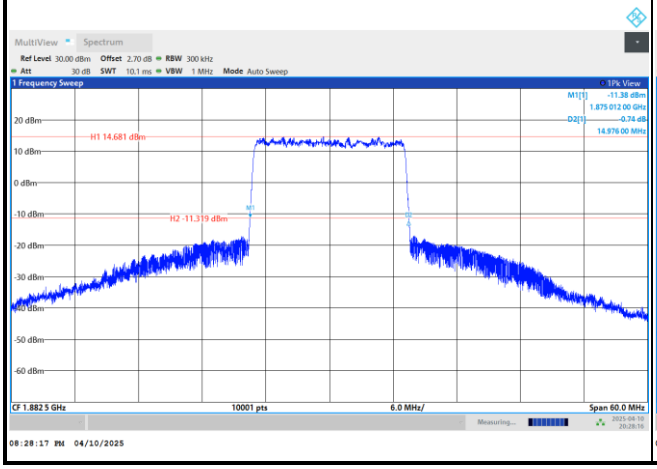
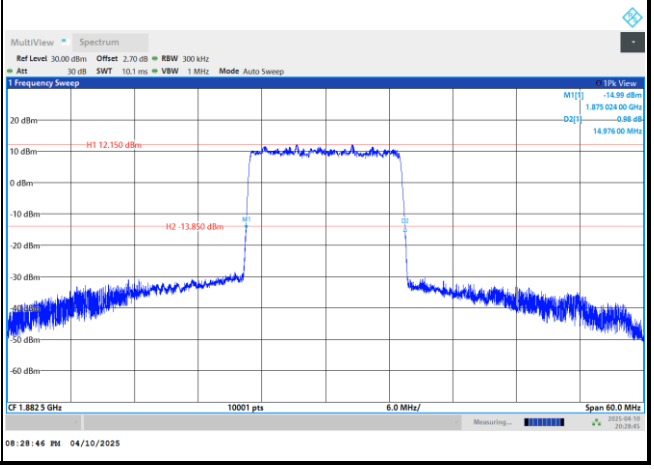
Mode	FR1 n25 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.93	4.91	9.93	9.95	15.00	15.01	20.23	20.19
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.90	4.93	9.93	9.92	14.97	14.97	20.55	20.21

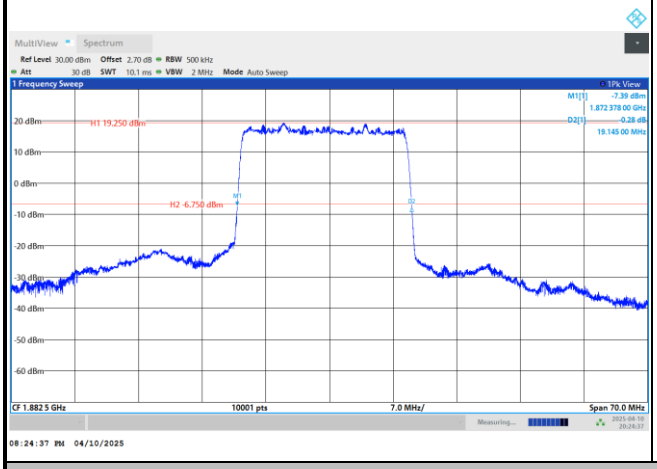
FR1 n25 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

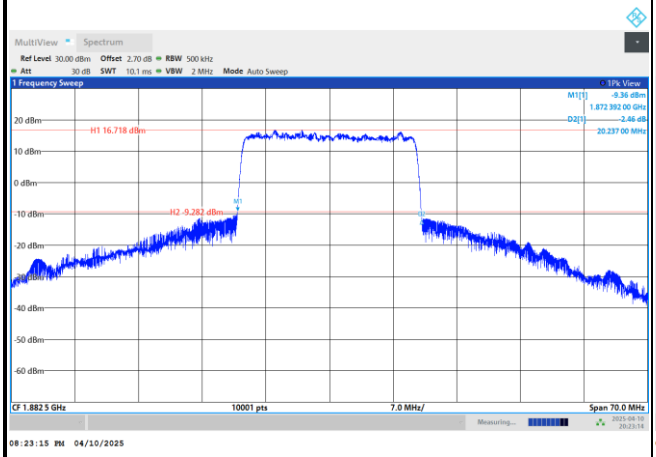
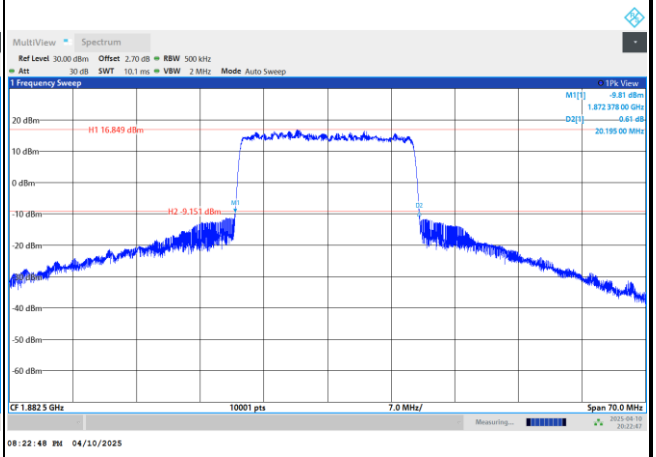
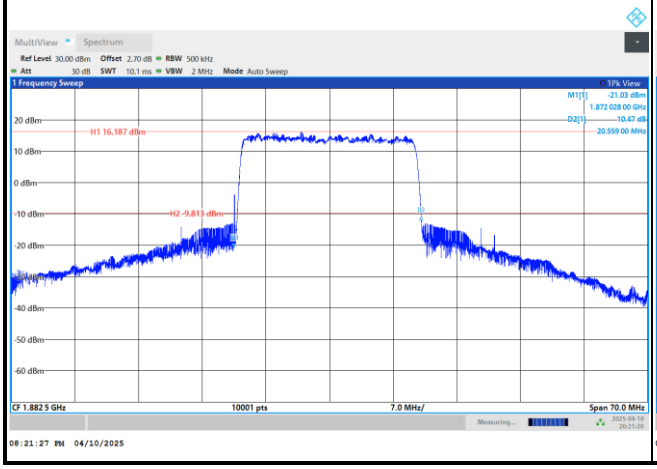
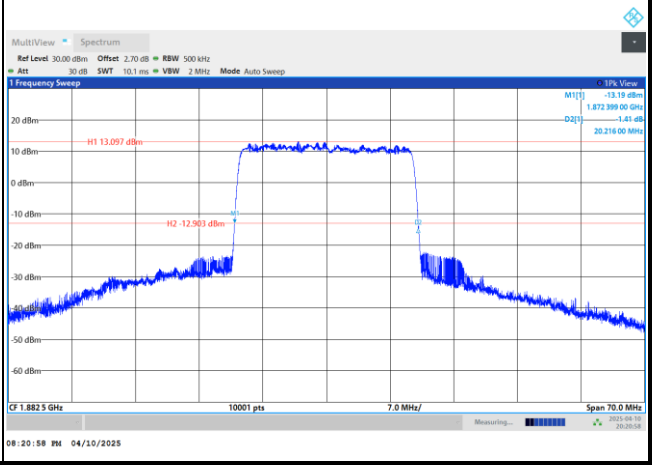
FR1 n25 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

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
	

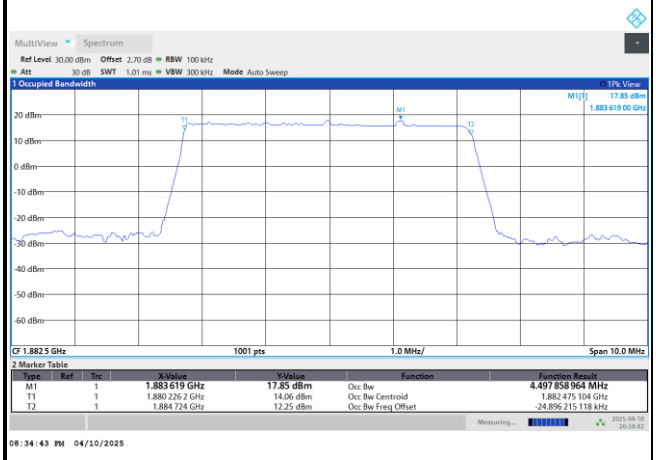
FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

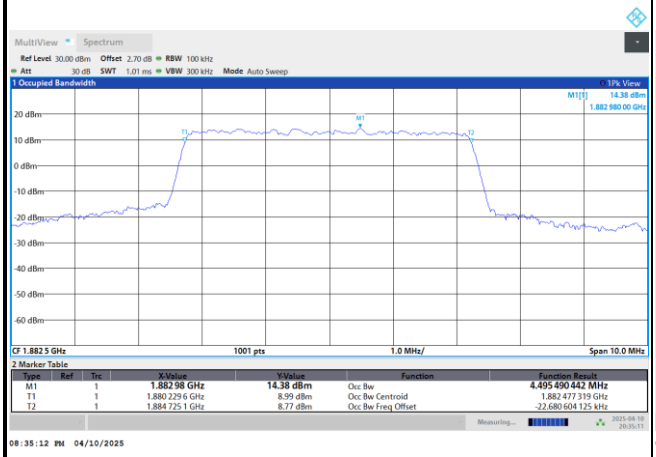
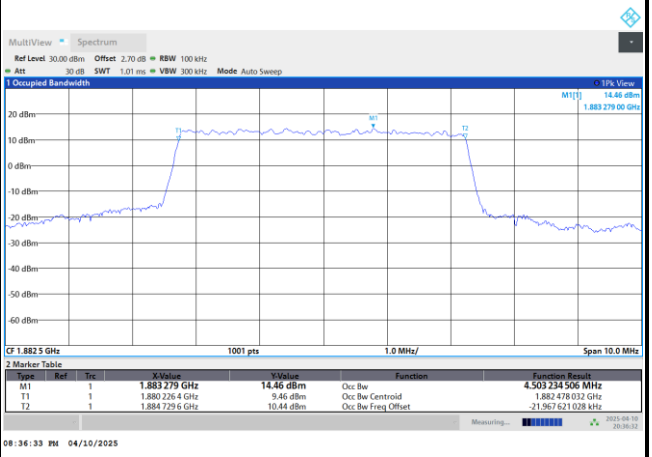
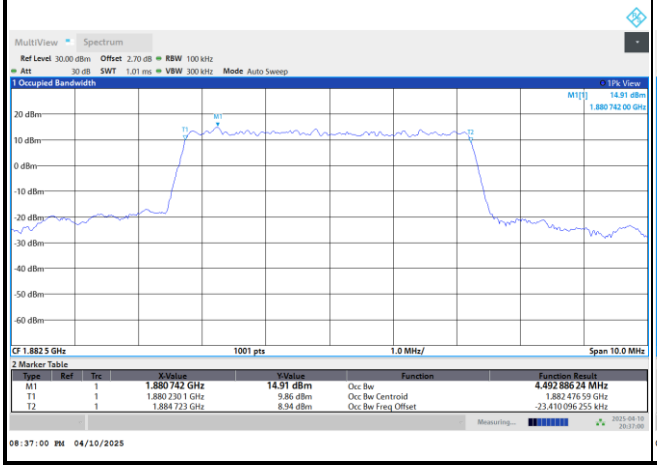
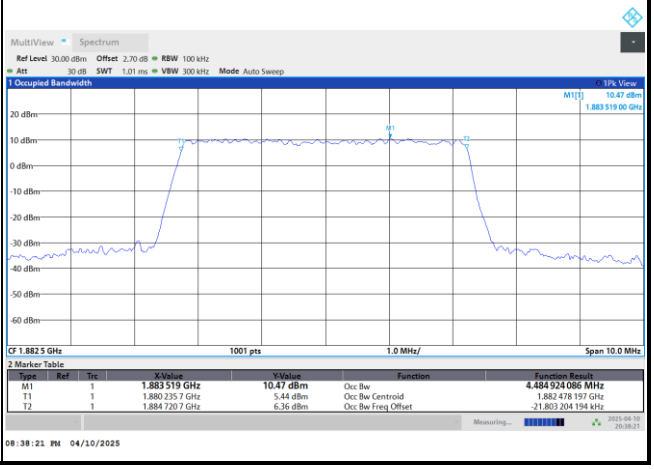
FR1 n25 / 20MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

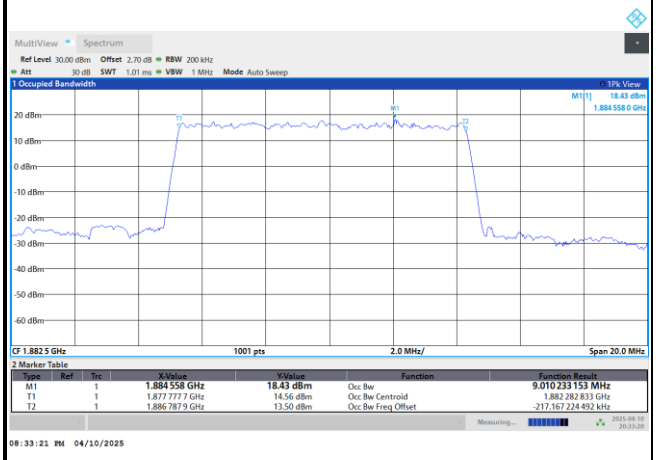
Occupied Bandwidth

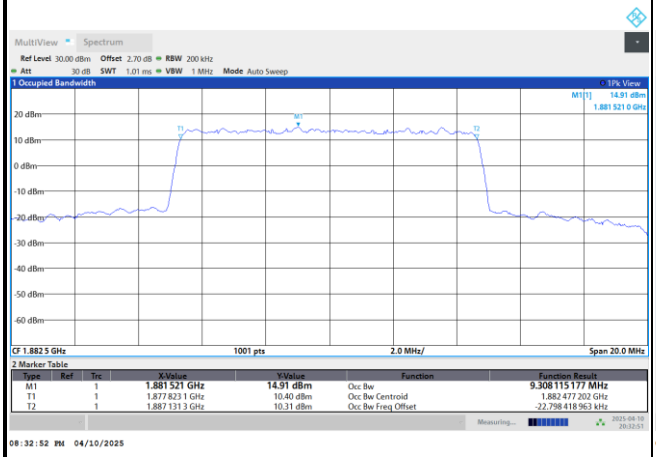
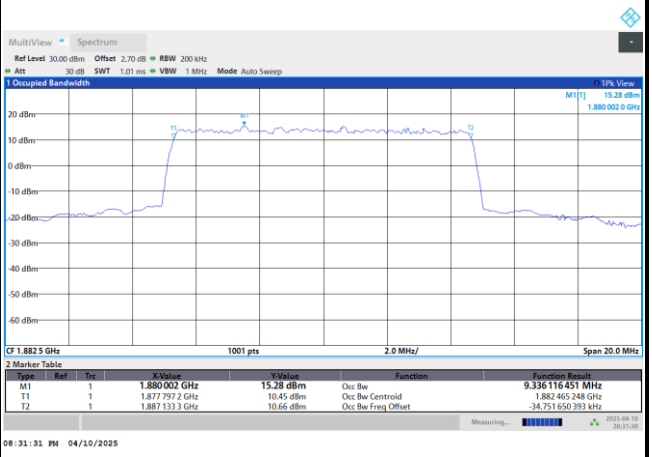
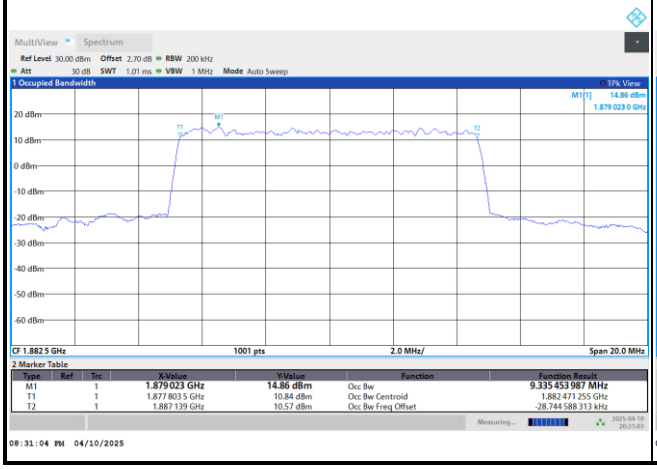
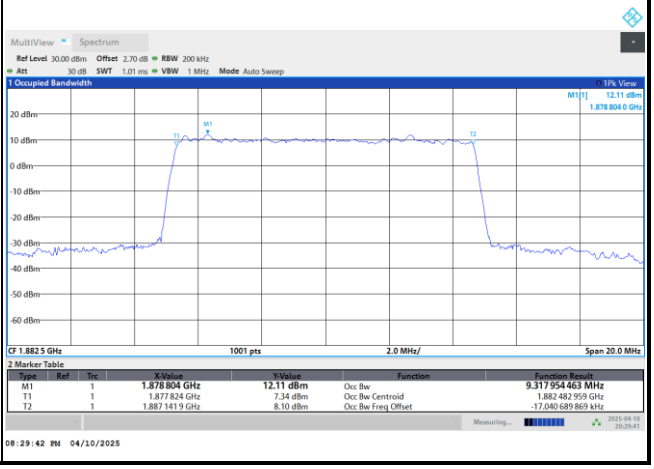
Mode	FR1 n25 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.49		9.01		13.47		18.02	

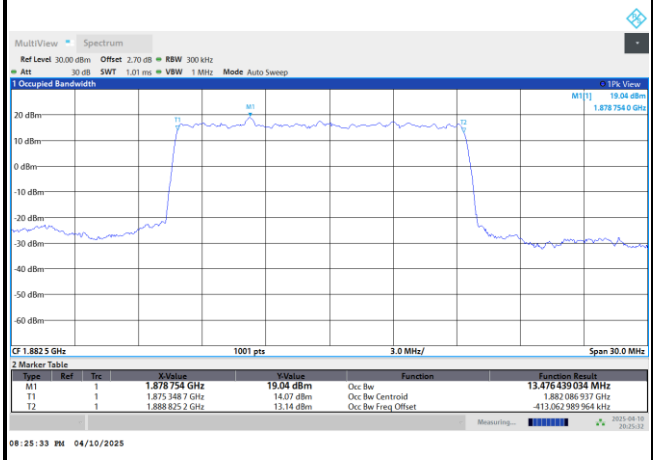
Mode	FR1 n25 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.50	9.30	9.33	14.13	14.17	19.06	19.03
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.49	4.48	9.33	9.31	14.15	14.15	19.07	18.97

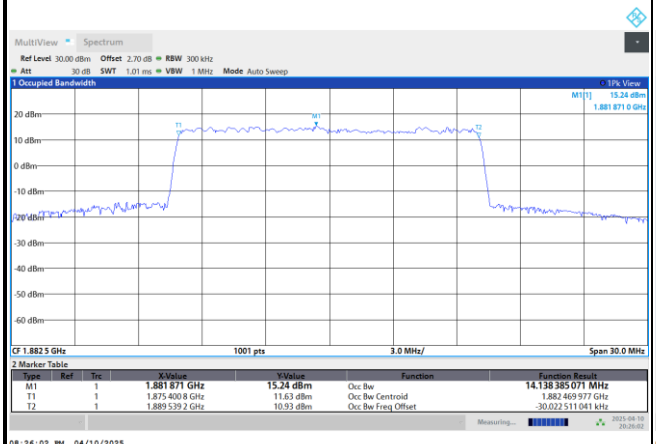
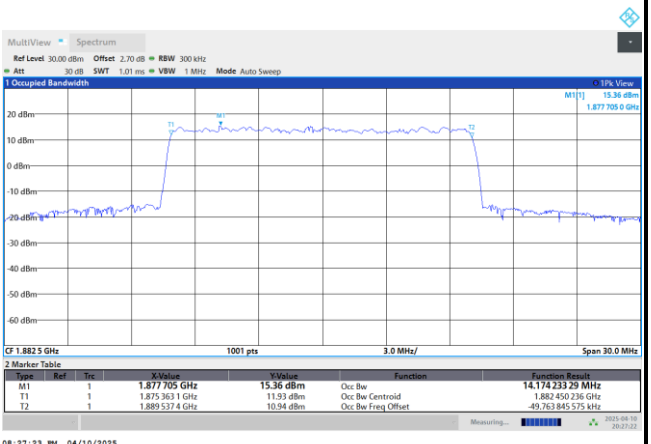
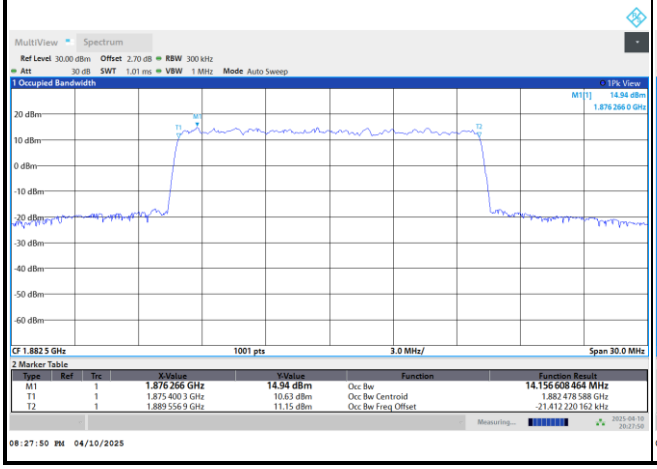
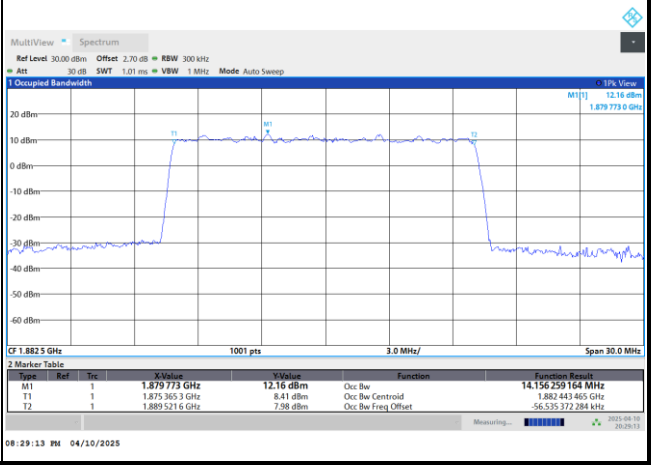
FR1 n25 / 5MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

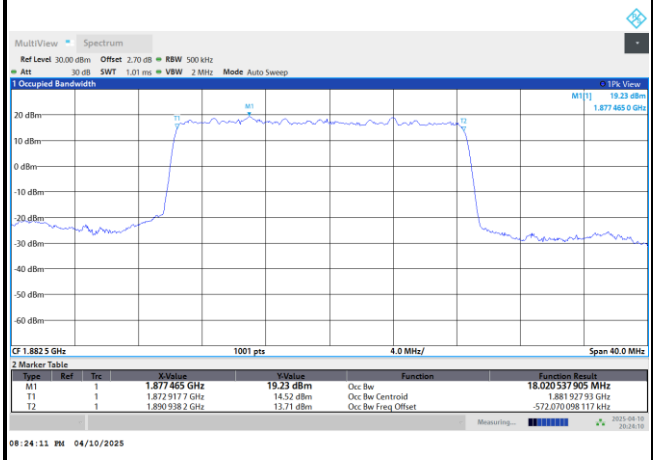
FR1 n25 / 5MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

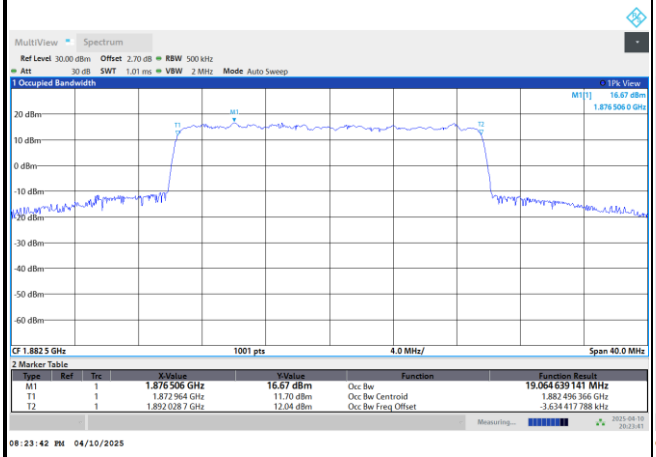
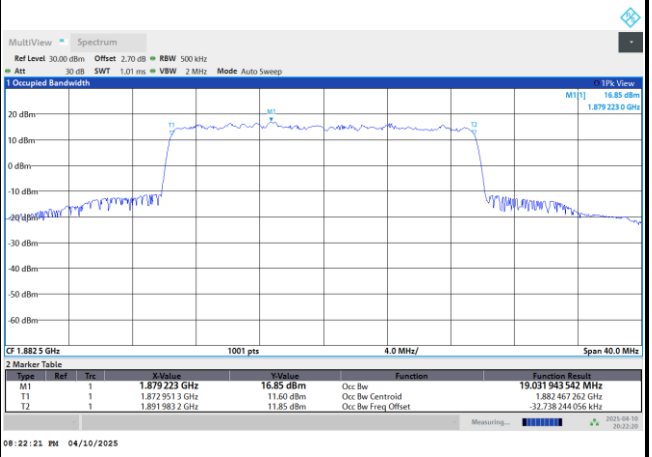
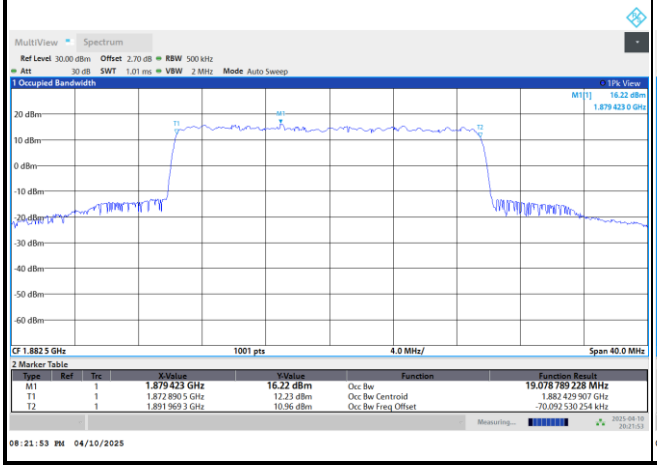
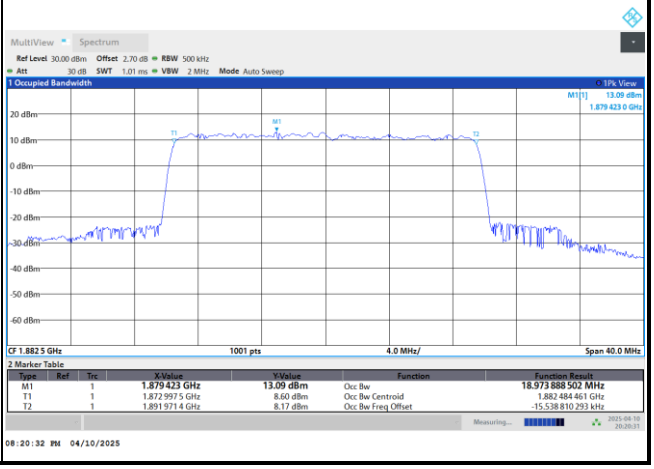
FR1 n25 / 10MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	
	

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