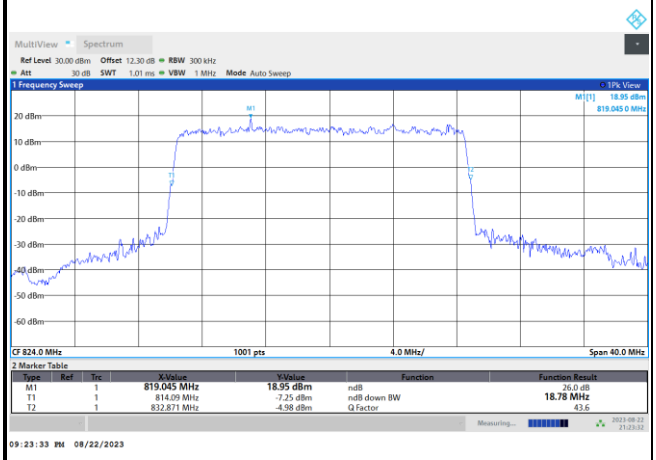
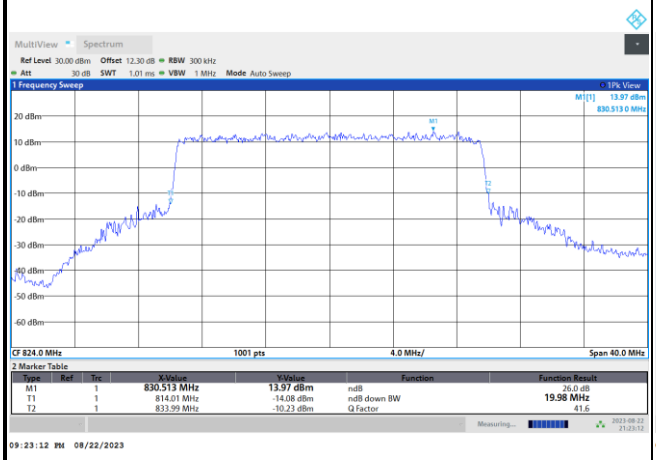
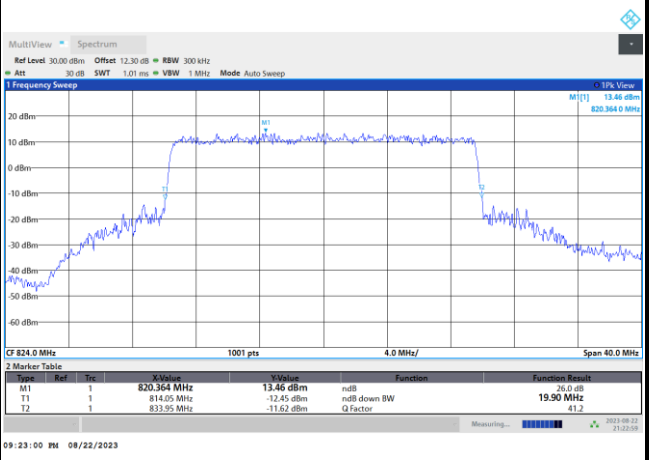
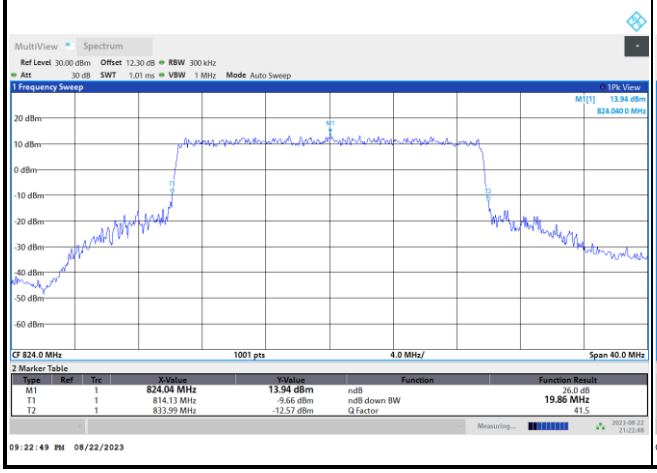
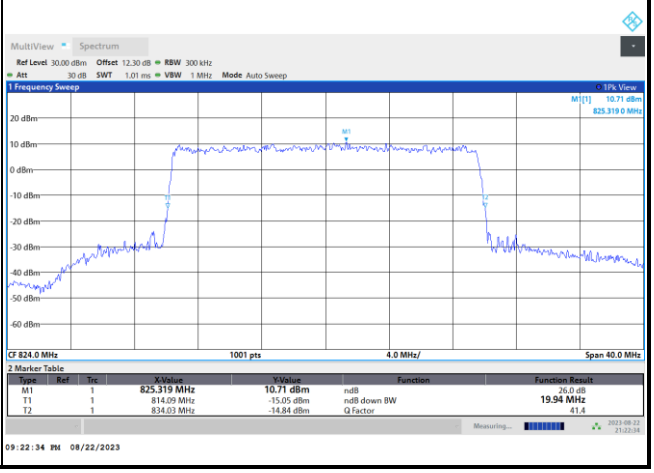
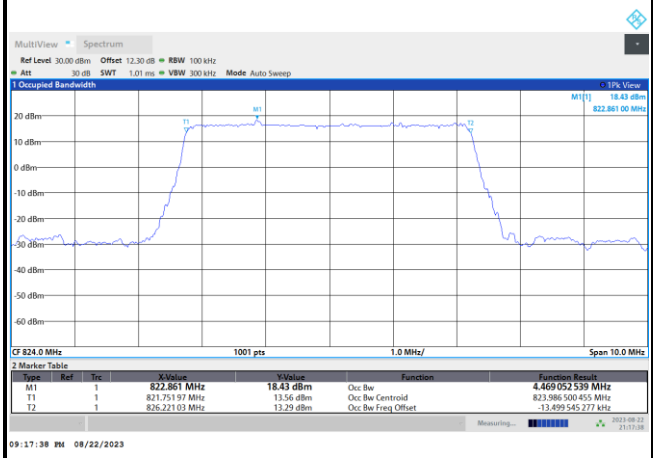
FR1 n26 / 20MHz / DFT-S OFDM /824 MHz/ Full RB	
PI/2 BPSK	
	

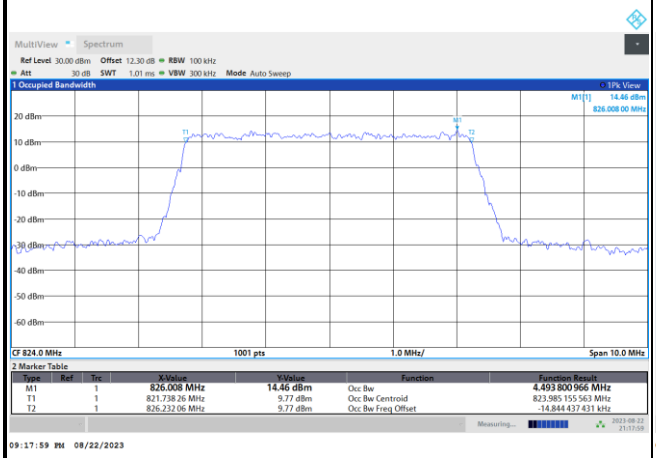
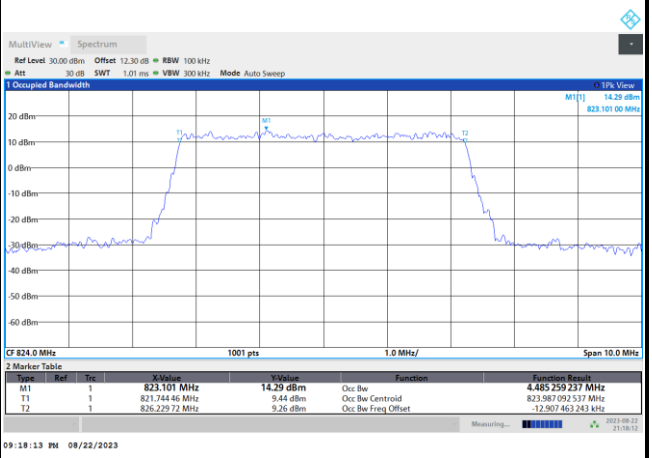
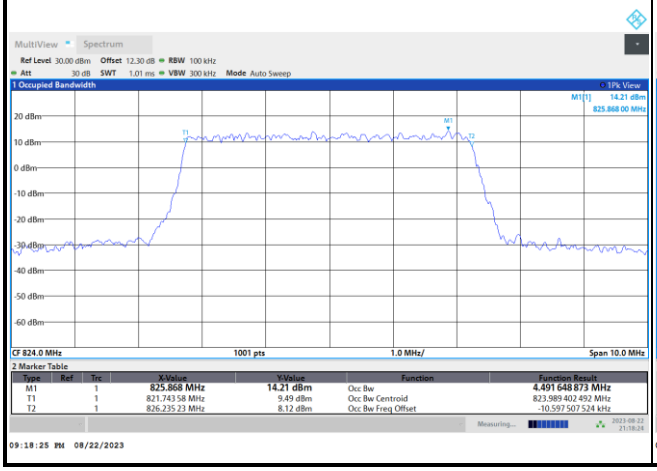
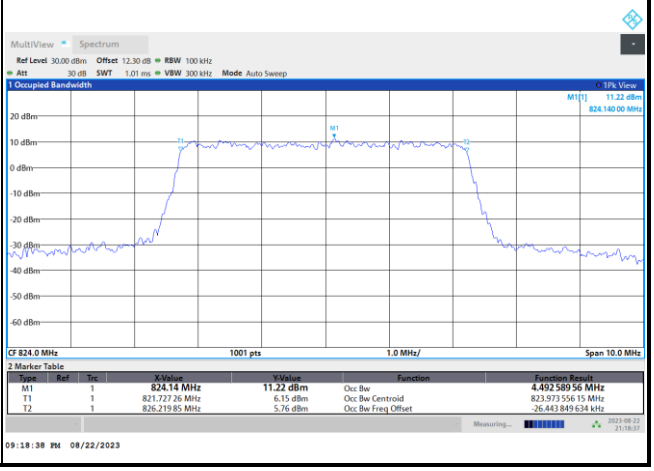
FR1 n26 / 20MHz / CP OFDM /824 MHz/ Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

Occupied Bandwidth

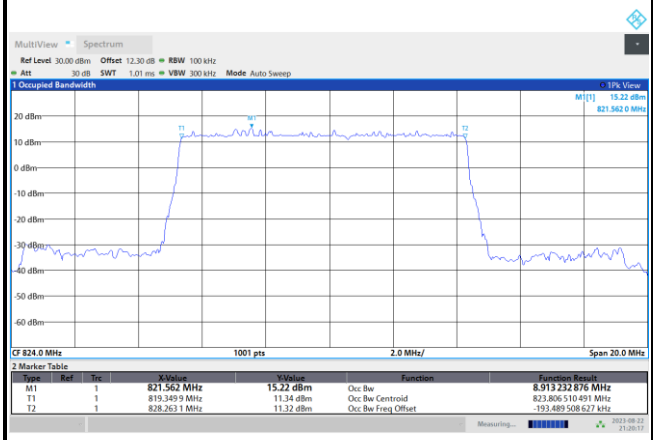
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
824 MHz	4.46		8.91		13.47		17.84	
BW	25MHz		30MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
824 MHz	-		-					

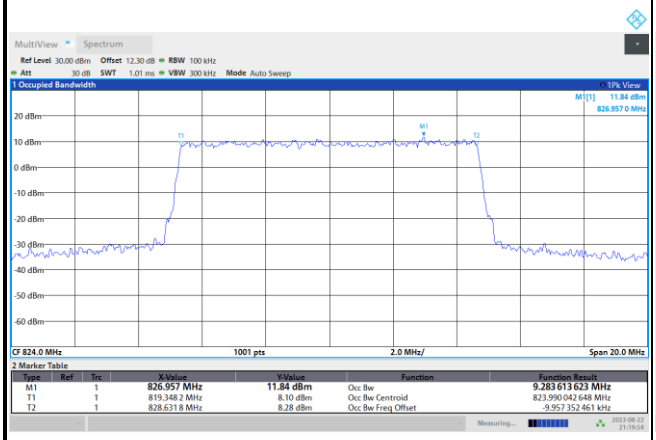
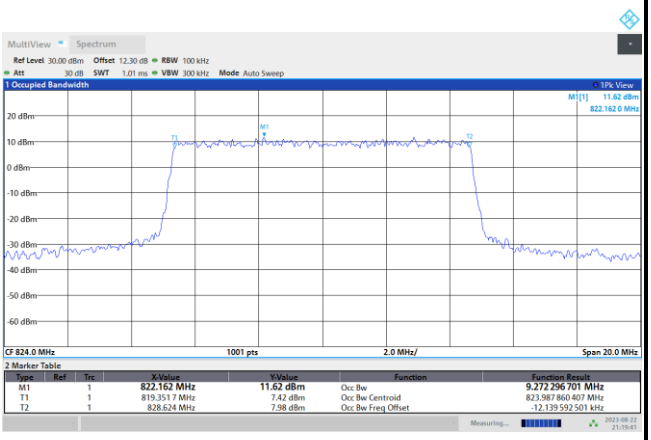
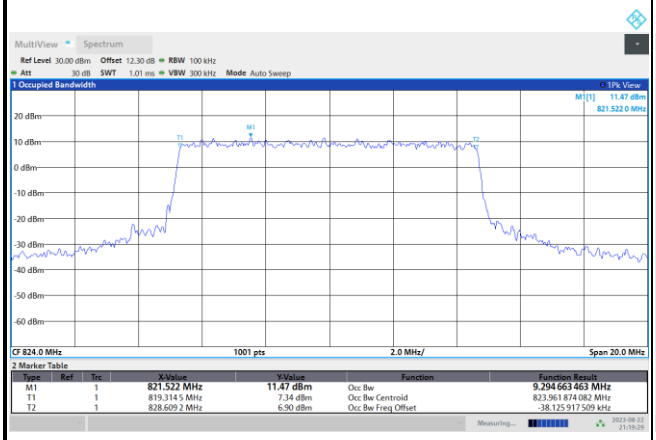
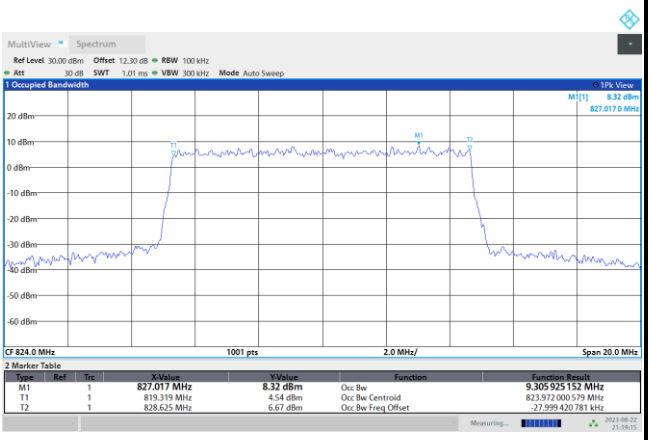
Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824 MHz	4.49	4.48	9.28	9.27	14.13	14.14	18.84	18.93
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824 MHz	4.49	4.49	9.29	9.30	14.13	14.10	18.97	18.95
BW	25MHz		30MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
824 MHz	-	-	-	-				
Mod.	64QAM	256QAM	64QAM	256QAM				
824 MHz	-	-	-	-				

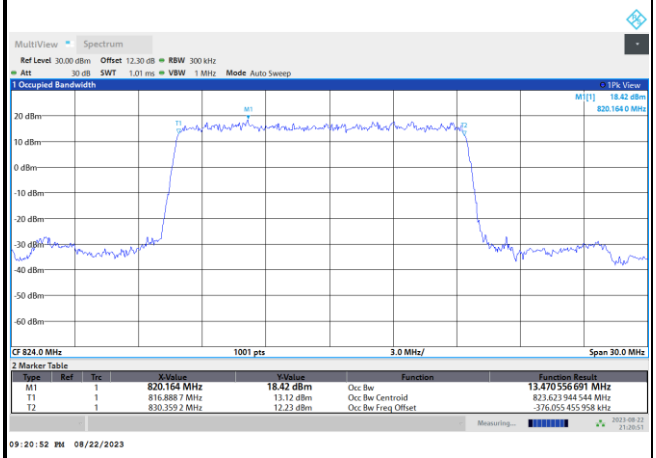
FR1 n26 / 5MHz / DFT-S OFDM /824 MHz/ Full RB	
PI/2 BPSK	
	

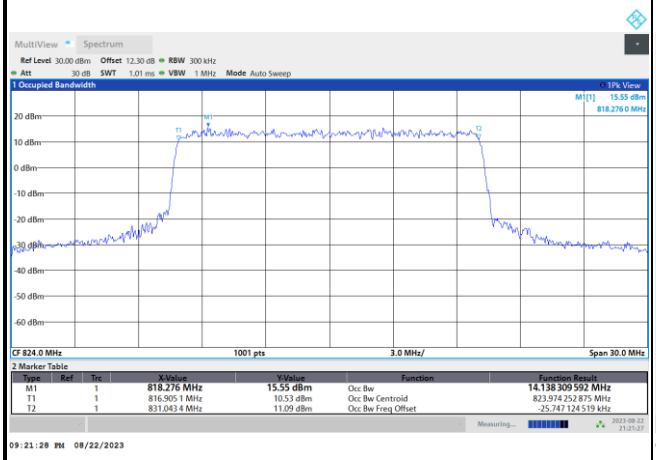
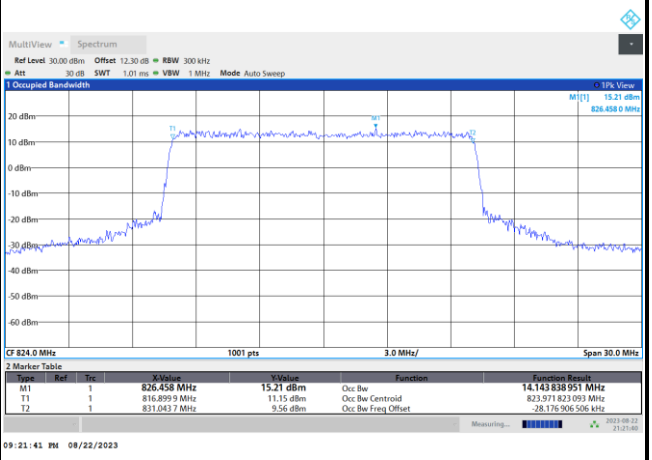
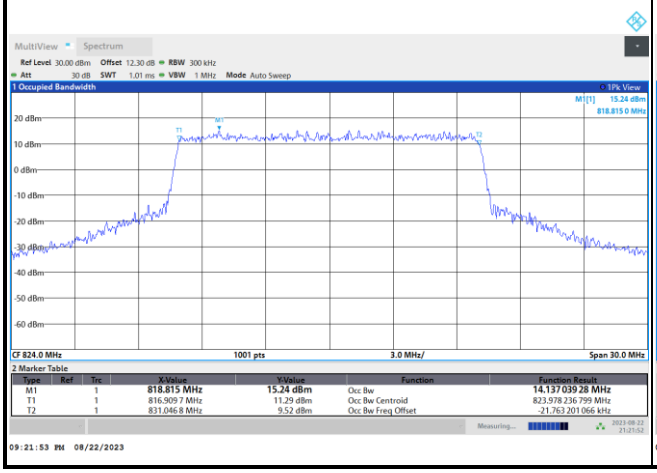
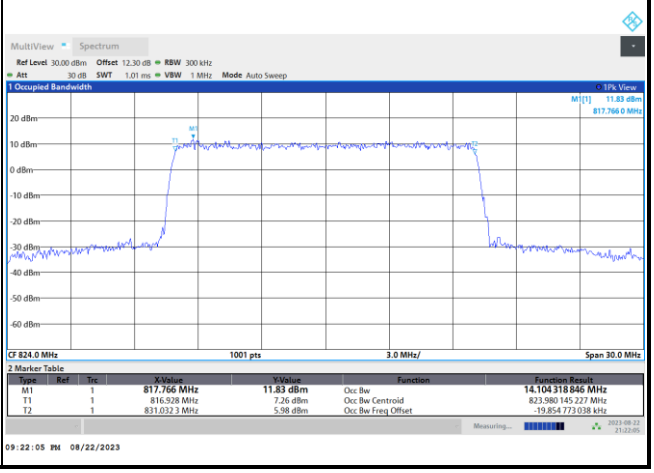
FR1 n26 / 5MHz / CP OFDM /824 MHz/ Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

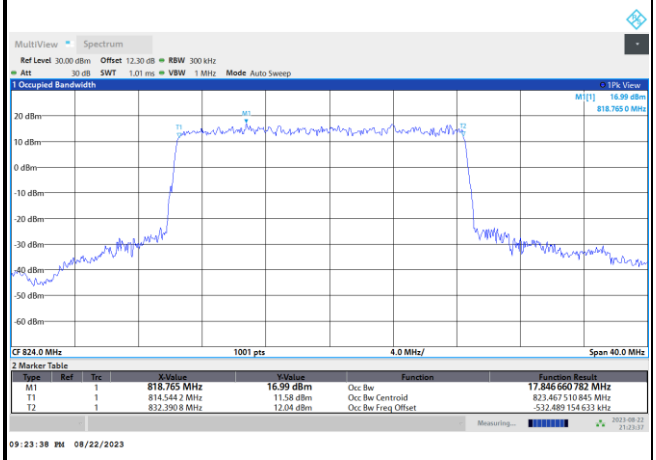
FR1 n26 / 10MHz / DFT-S OFDM /824 MHz/ Full RB

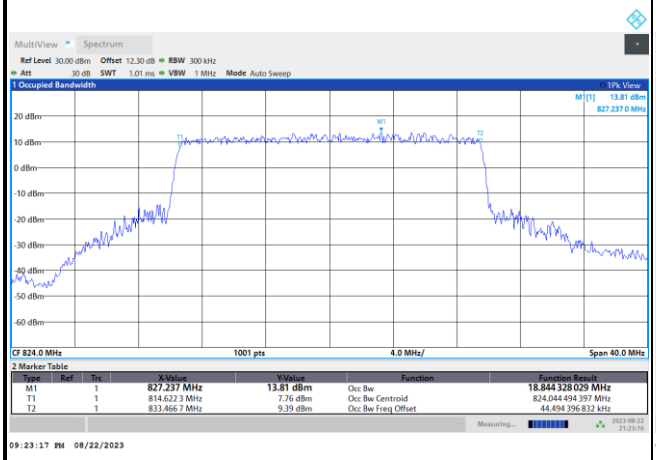
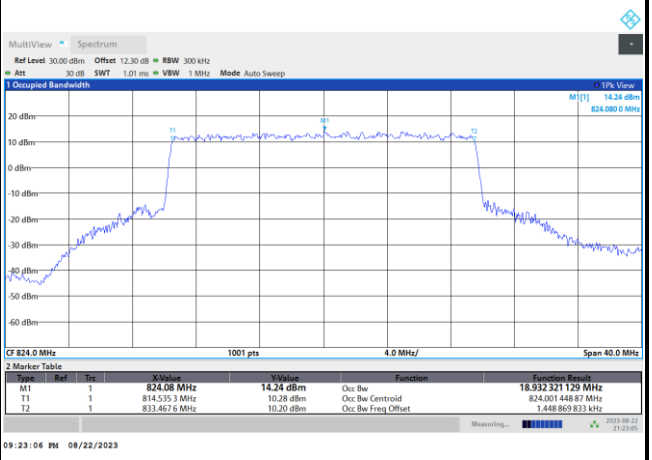
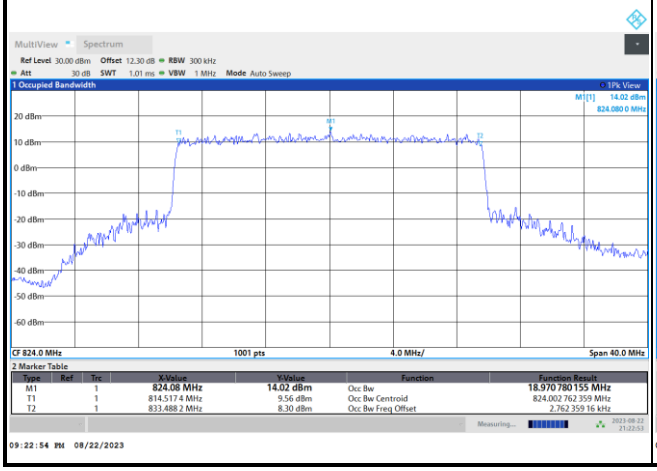
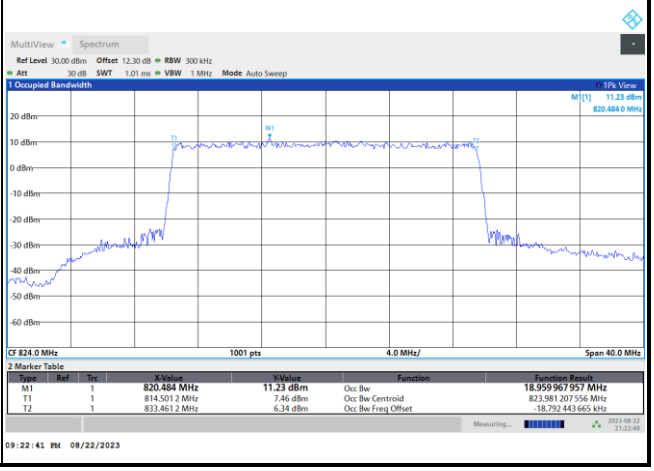
PI/2 BPSK	
	

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

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

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

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

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

Frequency Stability

Test Conditions		FR1 n26 (BPSK) / 824 MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note: Normal Voltage = 4.06 V.；Battery End Point (BEP) = 3.85 V.；Maximum Voltage = 4.35 V.

Appendix B. Test Results of Radiated Test

5G NR n26

5G NR n26 / 5MHz / BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1629	-61.93	-13	-48.93	-70.46	-68.27	0.60	9.09	H
	2444	-59.01	-13	-46.01	-70.7	-66.49	0.72	10.36	H
	3258	-55.77	-13	-42.77	-71.06	-63.41	0.84	10.63	H
									H
									H
									H
									H
	1629	-62.17	-13	-49.17	-70.73	-68.51	0.60	9.09	V
	2444	-58.08	-13	-45.08	-69.91	-65.56	0.72	10.36	V
	3258	-55.16	-13	-42.16	-70.43	-62.80	0.84	10.63	V
									V
									V
									V
									V
Middle	1634	-61.64	-13	-48.64	-70.16	-68.01	0.60	9.12	H
	2451	-58.93	-13	-45.93	-70.67	-66.40	0.73	10.35	H
	3268	-55.48	-13	-42.48	-70.81	-63.16	0.84	10.67	H
									H
									H
									H
									H
	1634	-61.73	-13	-48.73	-70.28	-68.10	0.60	9.12	V
	2451	-57.51	-13	-44.51	-69.4	-64.98	0.73	10.35	V
	3268	-55.51	-13	-42.51	-70.83	-63.19	0.84	10.67	V
									V
									V
									V
									V

Highest	1639	-61.64	-13	-48.64	-70.17	-68.04	0.60	9.15	H
	2459	-58.57	-13	-45.57	-70.38	-66.03	0.73	10.34	H
	3278	-55.39	-13	-42.39	-70.76	-63.11	0.84	10.71	H
									H
									H
									H
									H
	1639	-62.06	-13	-49.06	-70.62	-68.46	0.60	9.15	V
	2459	-55.97	-13	-42.97	-67.95	-63.43	0.73	10.34	V
	3278	-55.54	-13	-42.54	-70.9	-63.26	0.84	10.71	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

5G NR n26 / 10MHz / BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1629	-61.84	-13	-48.84	-70.37	-68.18	0.60	9.09	H
	2444	-58.91	-13	-45.91	-70.6	-66.39	0.72	10.36	H
	3258	-55.93	-13	-42.93	-71.22	-63.57	0.84	10.63	H
									H
									H
									H
									H
	1629	-61.84	-13	-48.84	-70.4	-68.18	0.60	9.09	V
	2444	-58.75	-13	-45.75	-70.58	-66.23	0.72	10.36	V
	3258	-55.87	-13	-42.87	-71.14	-63.51	0.84	10.63	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

5G NR n26/ 15MHz / BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1630	-62.17	-13	-49.17	-70.7	-68.51	0.60	9.10	H
	2445	-59.38	-13	-46.38	-71.08	-66.86	0.72	10.36	H
	3260	-55.77	-13	-42.77	-71.07	-63.42	0.84	10.64	H
									H
									H
									H
									H
	1630	-62.18	-13	-49.18	-70.74	-68.52	0.60	9.10	V
	2445	-57.50	-13	-44.50	-69.34	-64.98	0.72	10.36	V
	3260	-55.61	-13	-42.61	-70.89	-63.26	0.84	10.64	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

5G NR n26 / 15MHz / BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle 824MHz	1635	-61.59	-13	-48.59	-70.11	-67.97	0.60	9.13	H
	2453	-58.99	-13	-45.99	-70.75	-66.46	0.73	10.35	H
	3270	-55.58	-13	-42.58	-70.92	-63.27	0.84	10.68	H
									H
									H
									H
									H
	1635	-62.07	-13	-49.07	-70.62	-68.45	0.60	9.13	V
	2453	-58.81	-13	-45.81	-70.72	-66.28	0.73	10.35	V
	3270	-55.44	-13	-42.44	-70.77	-63.13	0.84	10.68	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.