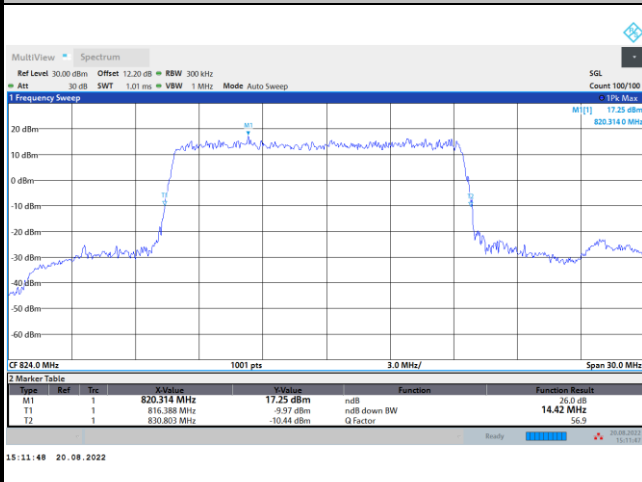




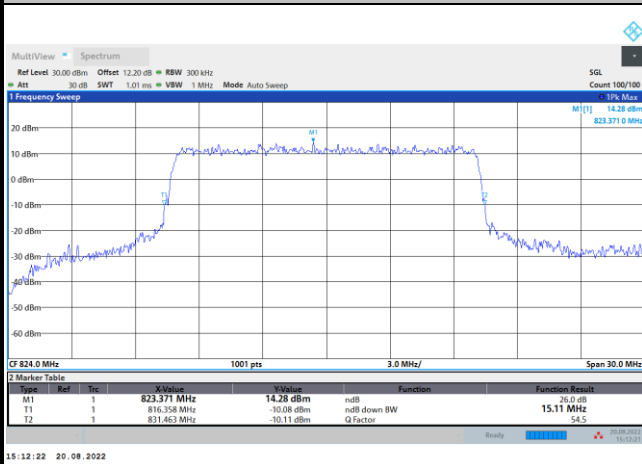
FR1 n26 / 15MHz / DFT-S OFDM / 824MHz / Full RB

PI/2 BPSK

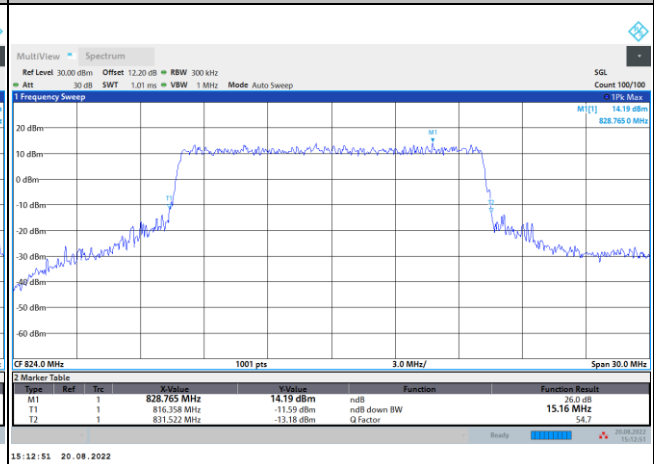


FR1 n26 / 15MHz / CP OFDM / 824MHz / Full RB

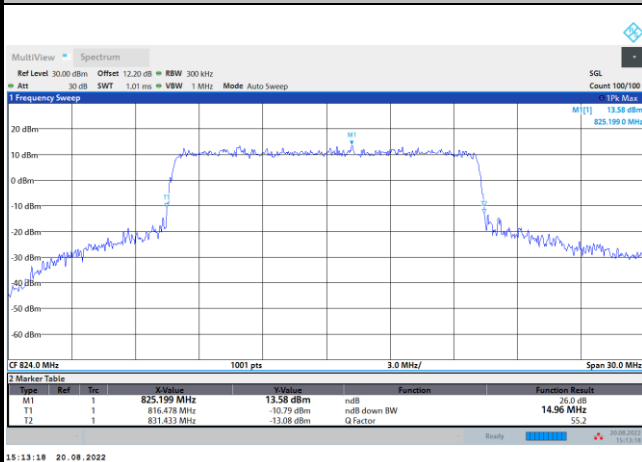
QPSK



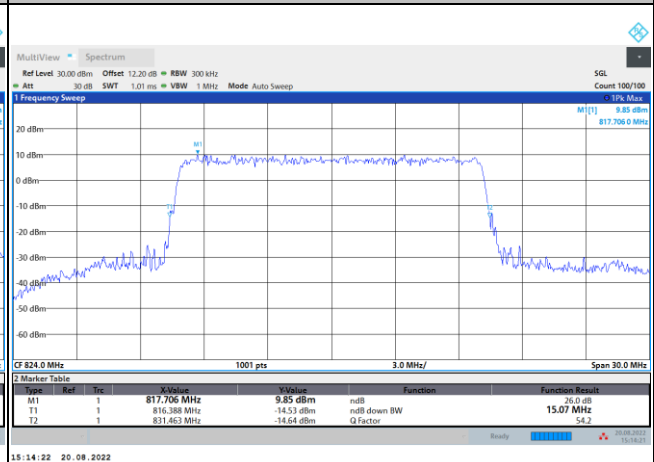
16QAM



64QAM



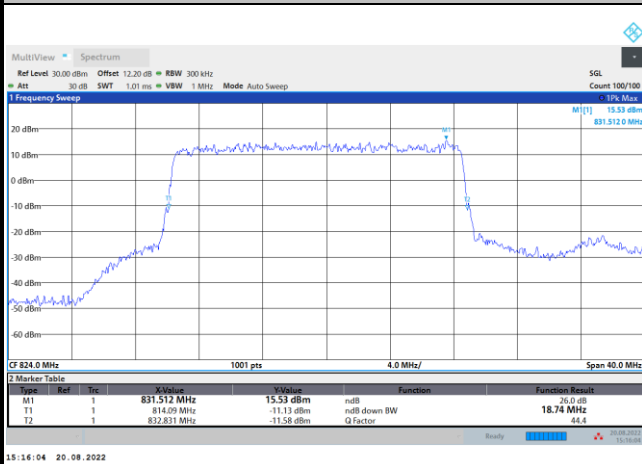
256QAM





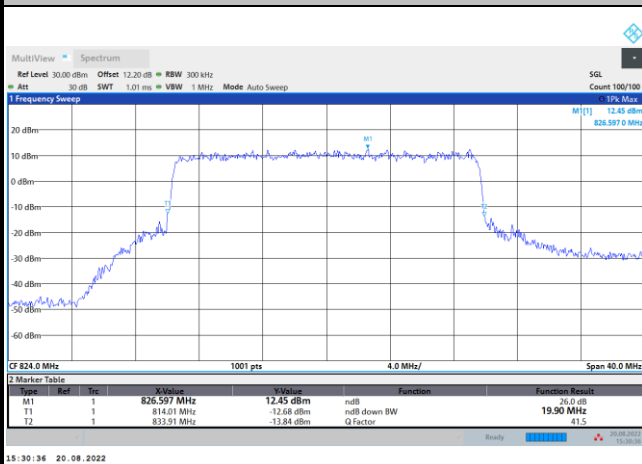
FR1 n26 / 20MHz / DFT-S OFDM / 824MHz / Full RB

PI/2 BPSK

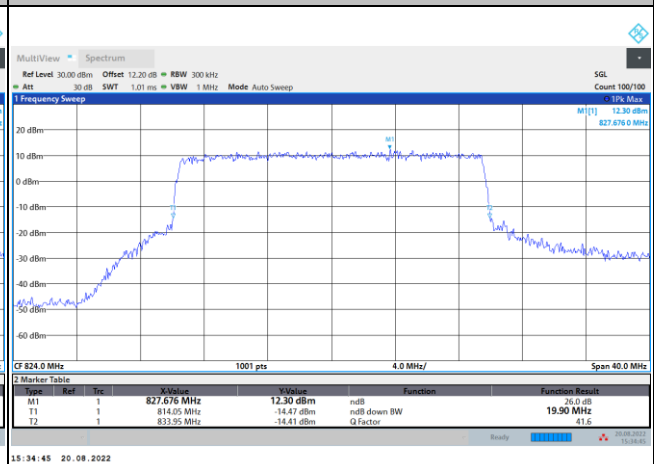


FR1 n26 / 20MHz / CP OFDM / 824MHz / Full RB

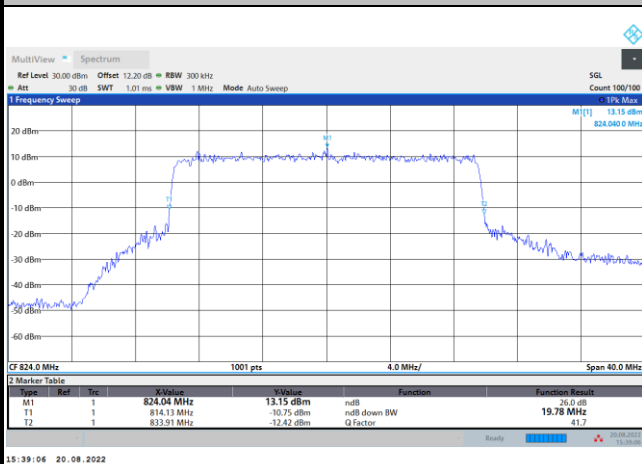
QPSK



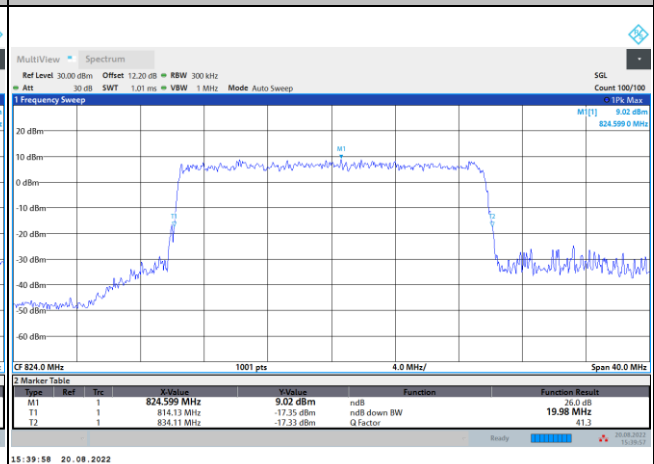
16QAM



64QAM



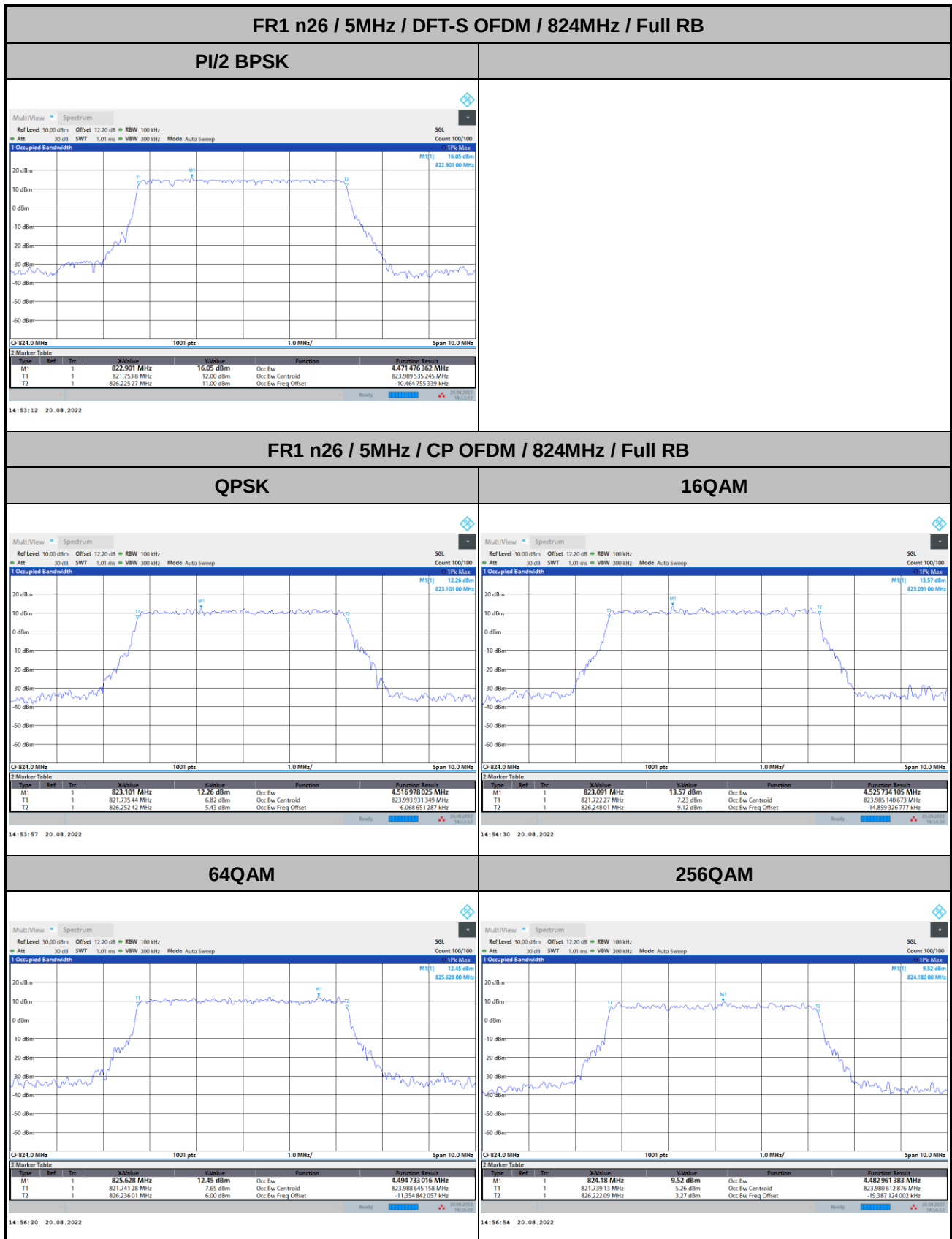
256QAM



**Occupied Bandwidth**

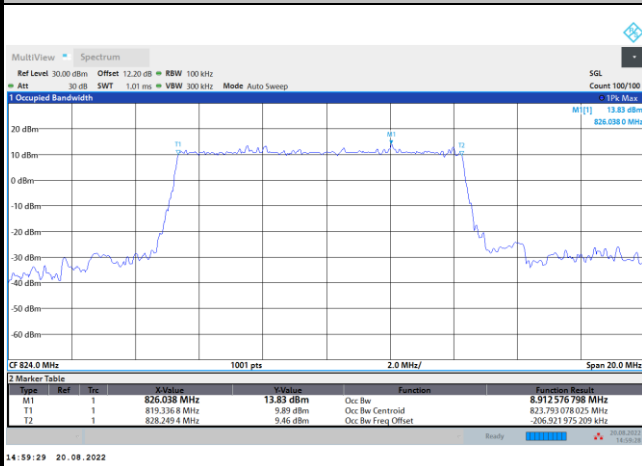
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
824MHz	4.47		8.91		13.50		17.88	

Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824MHz	4.52	4.53	9.28	9.26	14.15	14.17	18.89	18.94
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824MHz	4.49	4.48	9.27	9.29	14.16	14.12	18.92	18.99



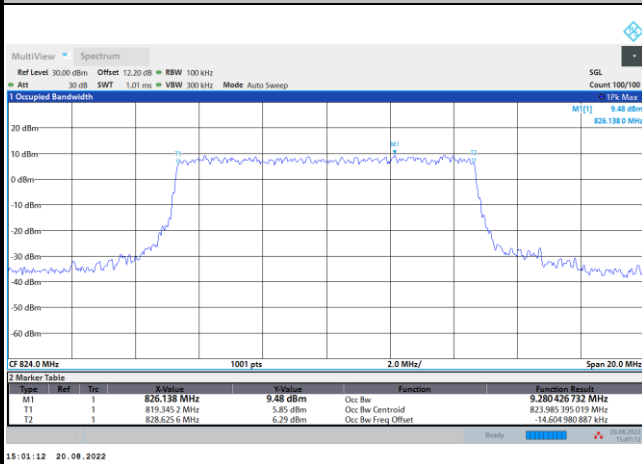
FR1 n26 / 10MHz / DFT-S OFDM / 824MHz / Full RB

PI/2 BPSK

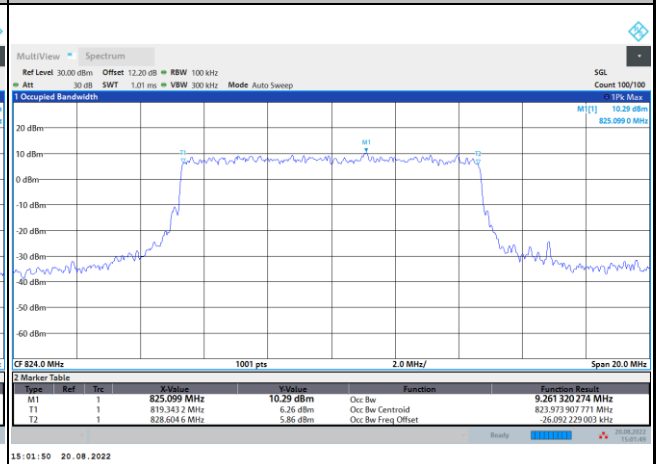


FR1 n26 / 10MHz / CP OFDM / 824MHz / Full RB

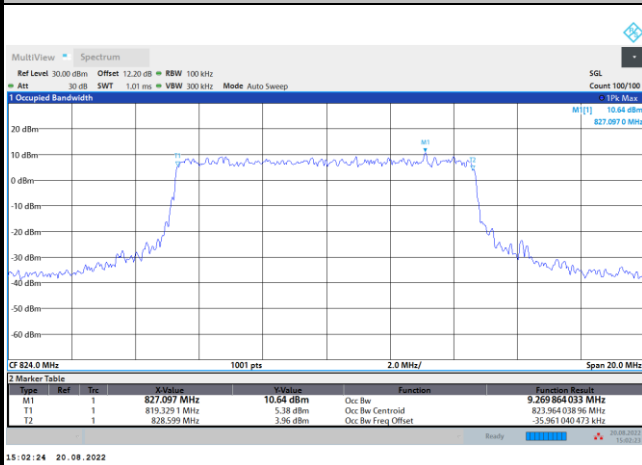
QPSK



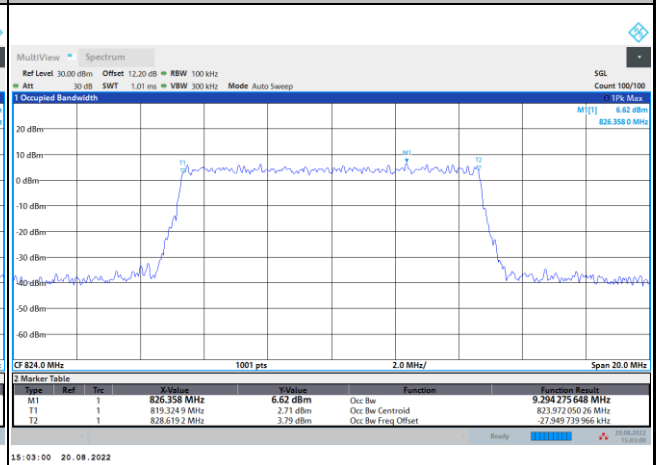
16QAM



64QAM



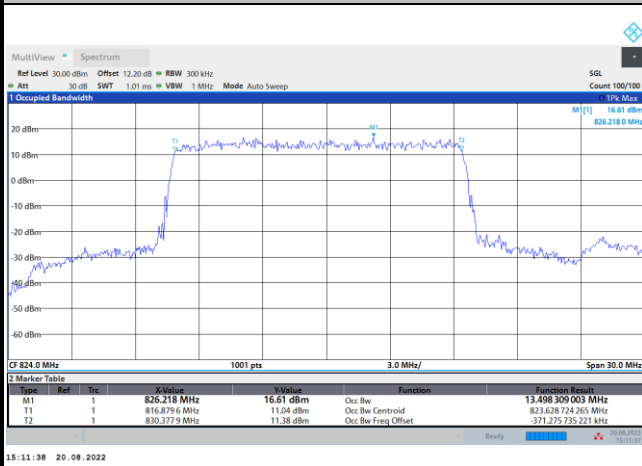
256QAM





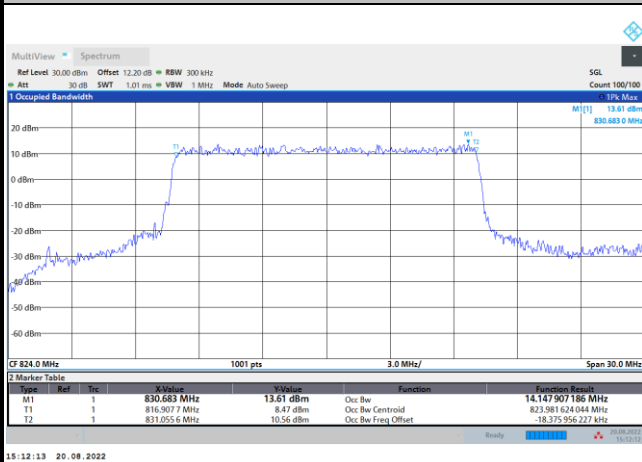
FR1 n26 / 15MHz / DFT-S OFDM / 824MHz / Full RB

PI/2 BPSK

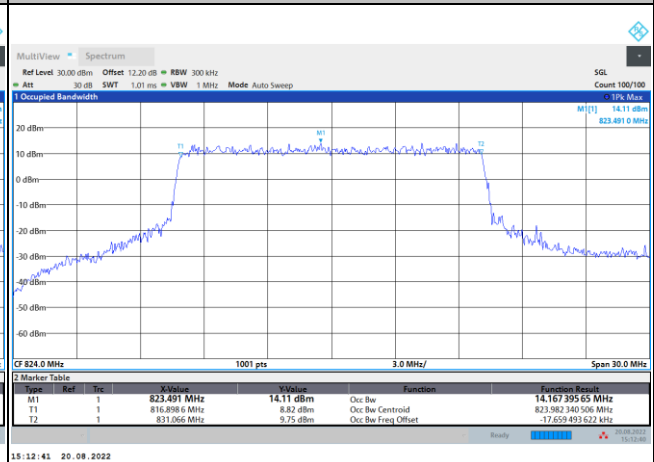


FR1 n26 / 15MHz / CP OFDM / 824MHz / Full RB

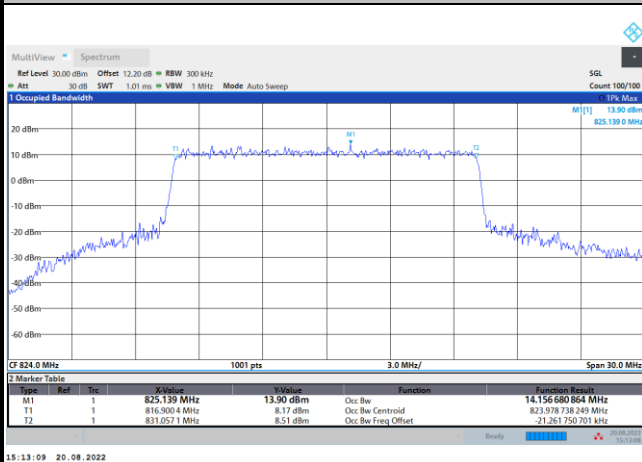
QPSK



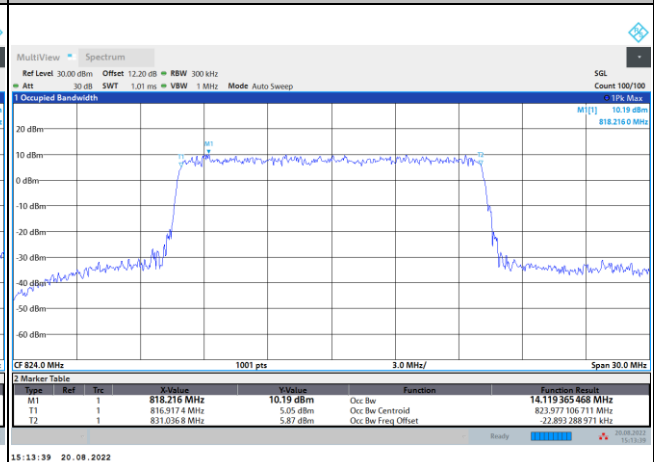
16QAM



64QAM

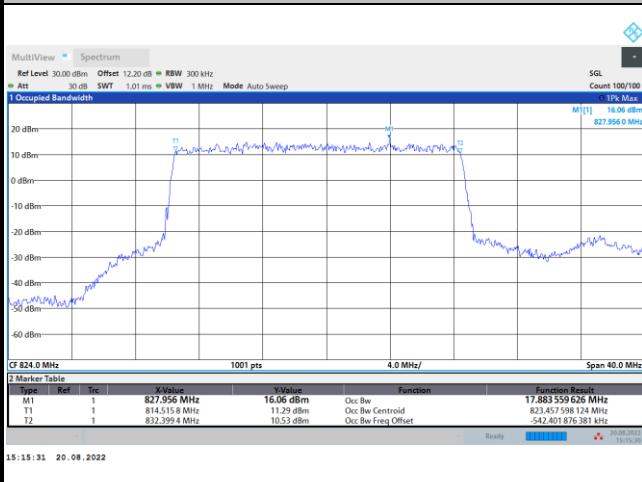


256QAM



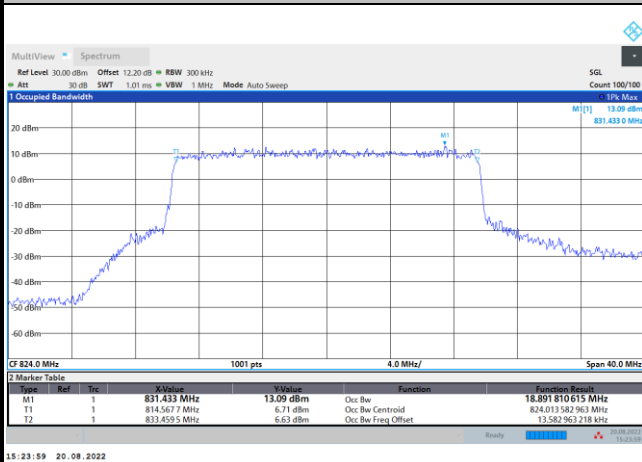
FR1 n26 / 20MHz / DFT-S OFDM / 824MHz / Full RB

PI/2 BPSK

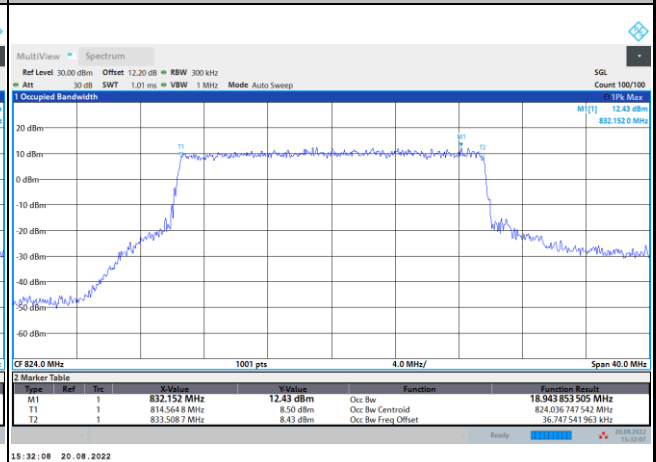


FR1 n26 / 20MHz / CP OFDM / 824MHz / Full RB

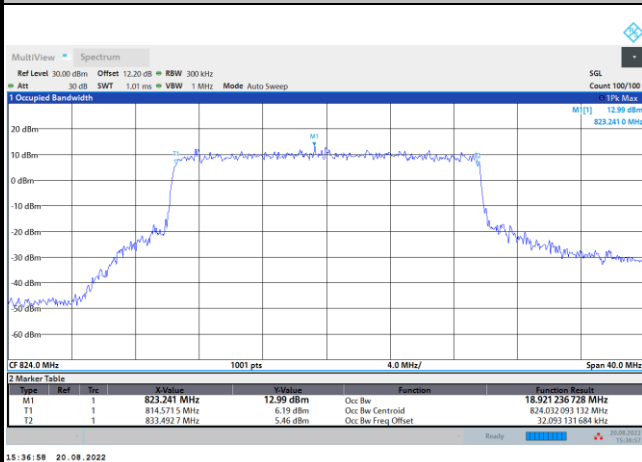
QPSK



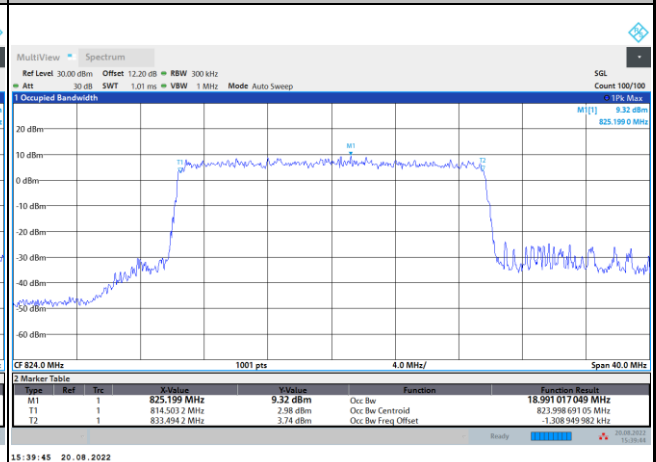
16QAM



64QAM



256QAM

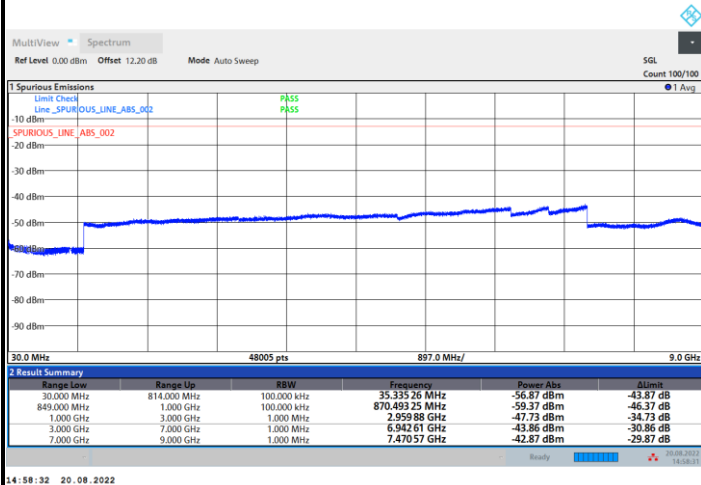




Conducted Spurious Emission

FR1 n26 / DFT-S OFDM / QPSK / 1RB1

5M



Frequency Stability

Test Conditions		FR1 n26 (BPSK) / 824MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 0>

5G NR n26

SA NR n26 / 5MHz / PI/2 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	1624	-63.70	-13	-50.70	-75.43	-65.54	0.97	4.95	H
	2440	-59.96	-13	-46.96	-77.06	-61.76	1.27	5.22	H
	3256	-57.60	-13	-44.60	-76.73	-60.85	1.53	6.93	H
									H
									H
									H
									H
	1624	-63.69	-13	-50.69	-75.9	-65.53	0.97	4.95	V
	2440	-58.33	-13	-45.33	-75.87	-60.13	1.27	5.22	V
	3256	-57.34	-13	-44.34	-76.87	-60.59	1.53	6.93	V
									V
									V
									V
									V



Middle	1632	-63.84	-13	-50.84	-75.6	-65.65	0.97	4.93	H
	2448	-59.89	-13	-46.89	-76.97	-61.71	1.27	5.24	H
	3264	-57.46	-13	-44.46	-76.6	-60.74	1.53	6.96	H
									H
									H
									H
									H
	1632	-63.40	-13	-50.40	-75.64	-65.21	0.97	4.93	V
	2448	-57.71	-13	-44.71	-75.23	-59.53	1.27	5.24	V
	3264	-57.76	-13	-44.76	-77.3	-61.04	1.53	6.96	V
									V
									V
									V
									V
Highest	1640	-63.63	-13	-50.63	-75.53	-65.41	0.97	4.91	H
	2456	-59.10	-13	-46.10	-76.25	-60.94	1.28	5.27	H
	3272	-57.96	-13	-44.96	-77.18	-61.27	1.53	7.00	H
									H
									H
									H
									H
	1640	-63.54	-13	-50.54	-75.91	-65.32	0.97	4.91	V
	2456	-58.82	-13	-45.82	-76.41	-60.66	1.28	5.27	V
	3272	-57.62	-13	-44.62	-77.21	-60.93	1.53	7.00	V
									V
									V
									V
									V
									V

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



SA NR n26 / 10MHz / PI/2 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	1624	-64.28	-13	-51.28	-76.01	-66.12	0.97	4.95	H
	2440	-59.28	-13	-46.28	-76.38	-61.08	1.27	5.22	H
	3256	-58.05	-13	-45.05	-77.18	-61.3	1.53	6.93	H
									H
									H
									H
									H
	1624	-63.62	-13	-50.62	-75.83	-65.46	0.97	4.95	V
	2440	-59.02	-13	-46.02	-76.56	-60.82	1.27	5.22	V
	3256	-57.79	-13	-44.79	-77.32	-61.04	1.53	6.93	V
									V
									V
									V
									V

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



SA NR n26 / 20MHz / PI/2 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)
824MHz	1624	-63.86	-13	-50.86	-75.59	-65.7	0.97	4.95	H
	2440	-59.88	-13	-46.88	-76.98	-61.68	1.27	5.22	H
	3256	-58.03	-13	-45.03	-77.16	-61.28	1.53	6.93	H
									H
									H
									H
									H
	1624	-63.28	-13	-50.28	-75.49	-65.12	0.97	4.95	V
	2440	-58.23	-13	-45.23	-74.77	-60.03	1.27	5.22	V
	3256	-57.56	-13	-44.56	-77.09	-60.81	1.53	6.93	V
									V
									V
									V
									V
									V
									V

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