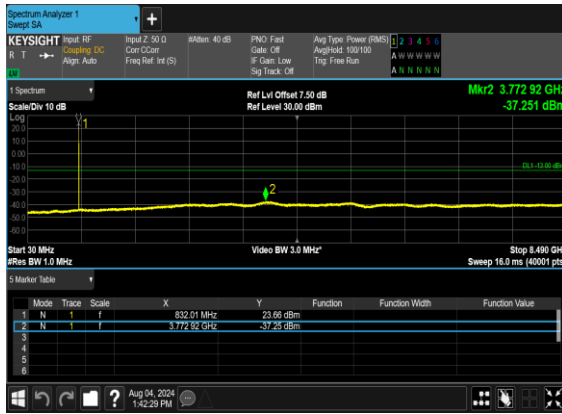




N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

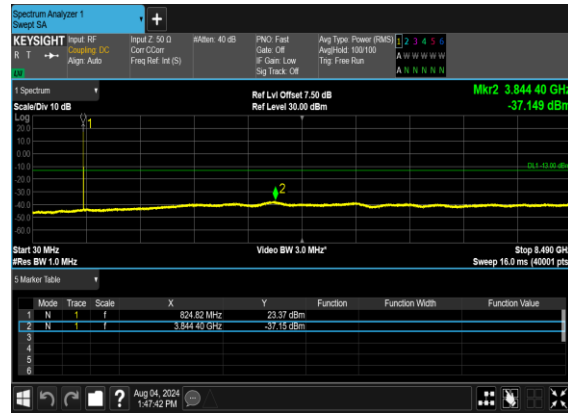




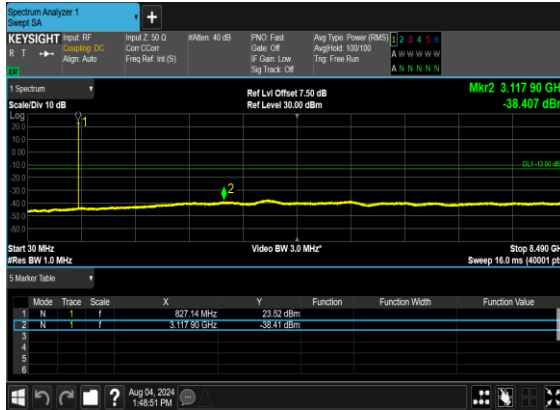
N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



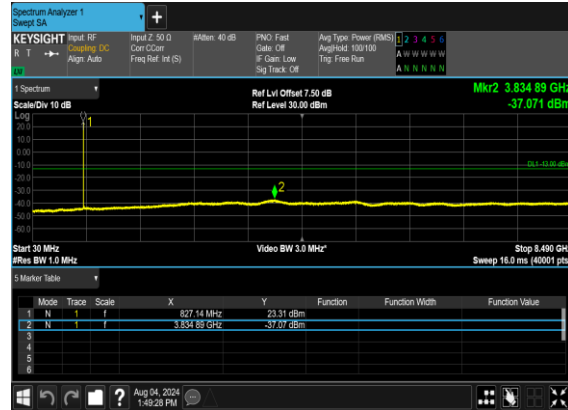
N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

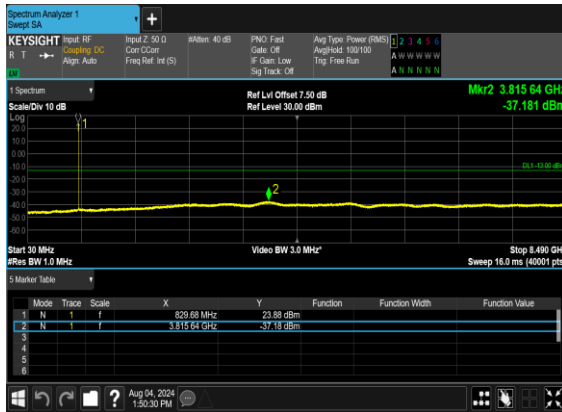


N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH





Conducted Band Edge

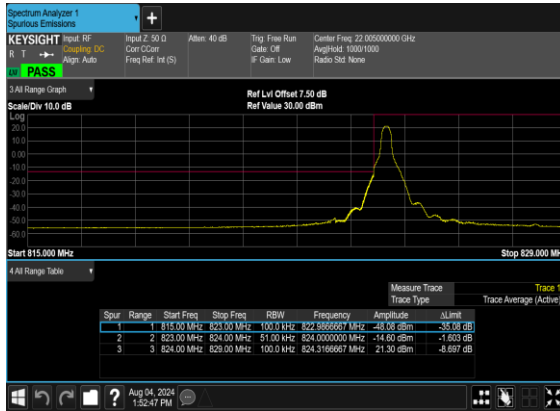
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
26	15	10	165800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
26	15	10	168800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS



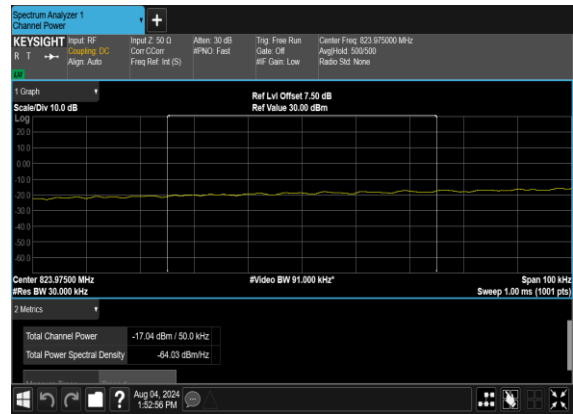
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS



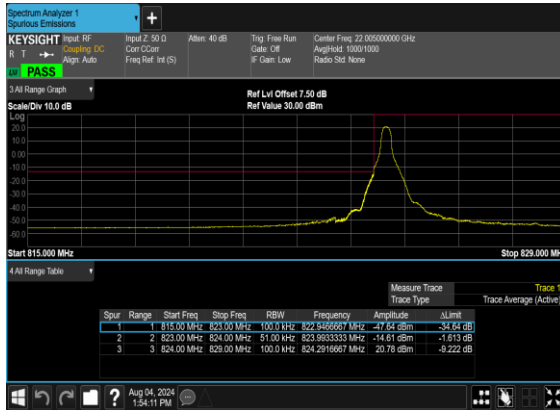
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



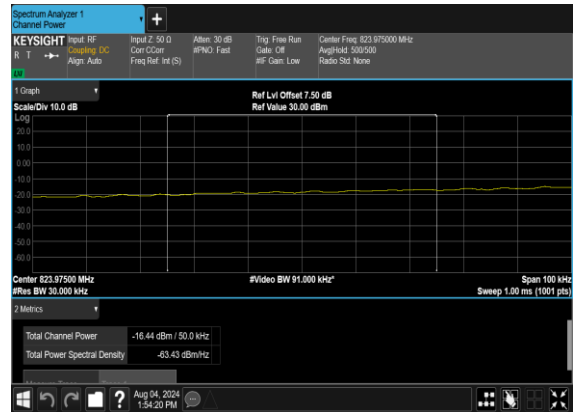
N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

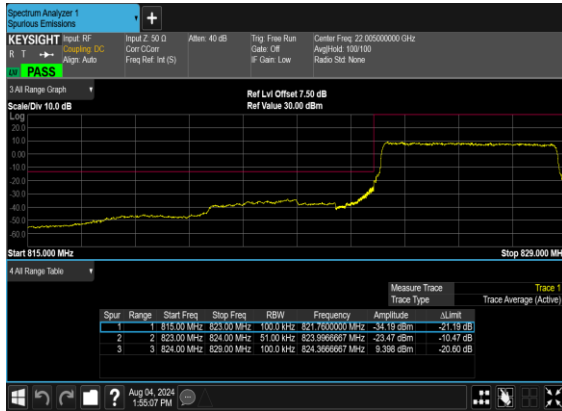


N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

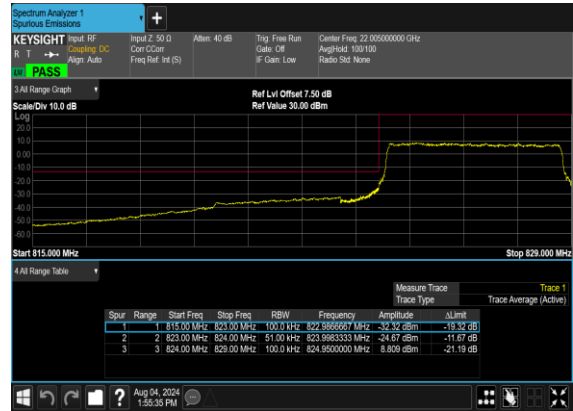




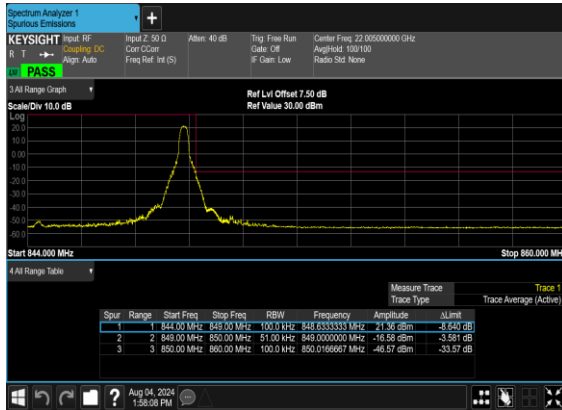
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



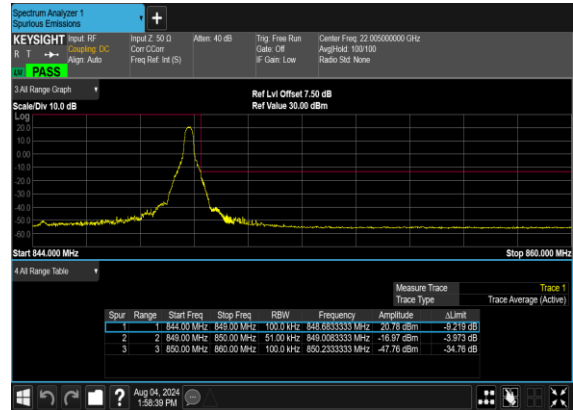
N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N26(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

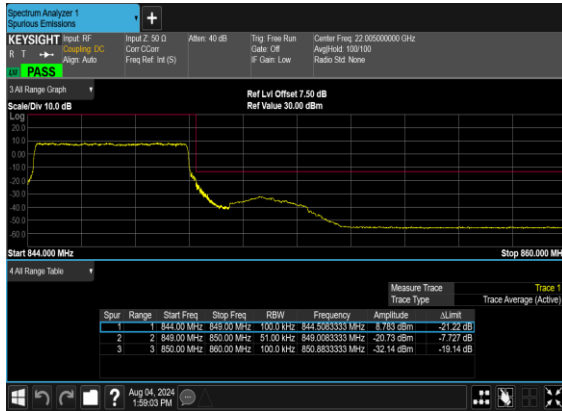


N26(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

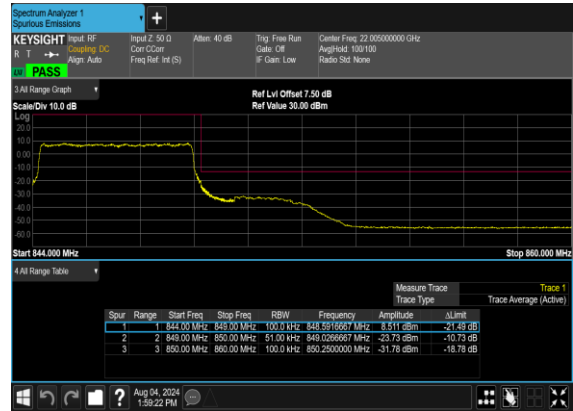




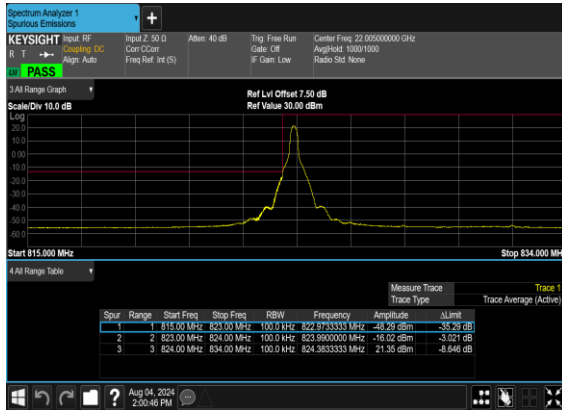
N26(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



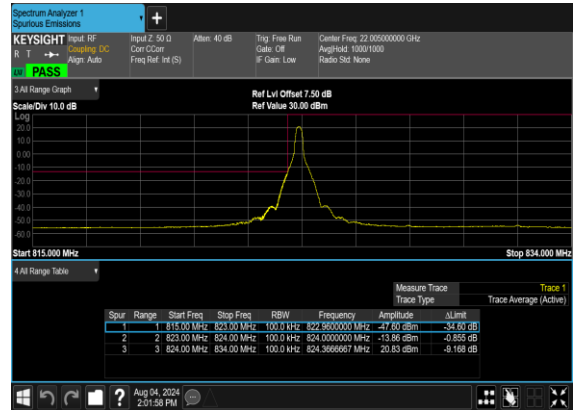
N26(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

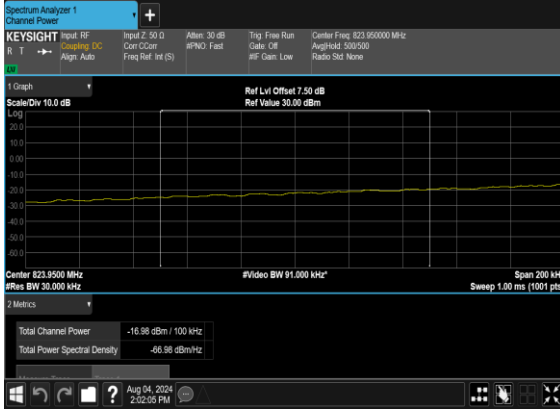


N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH





N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_chp_PASS

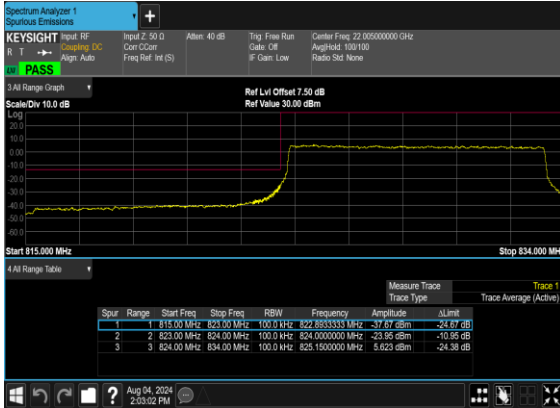


N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



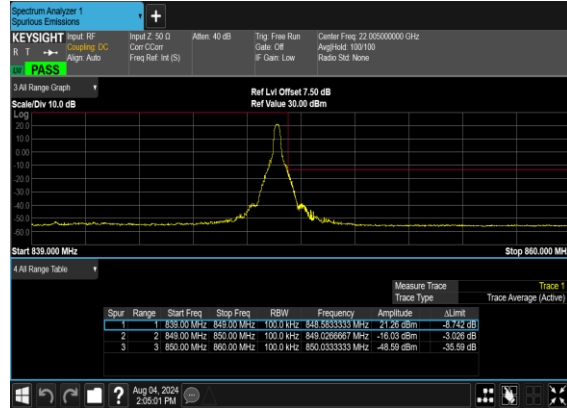
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		815.00 MHz	824.00 MHz	100.0 kHz	824.933333 MHz	-38.91 dBm	-25.91 dB
2		823.00 MHz	824.00 MHz	100.0 kHz	824.000000 MHz	-24.87 dBm	-11.87 dB
3		824.00 MHz	834.00 MHz	100.0 kHz	825.000000 MHz	5.949 dBm	-24.05 dB

N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		815.00 MHz	824.00 MHz	100.0 kHz	824.933333 MHz	-37.07 dBm	-24.07 dB
2		823.00 MHz	824.00 MHz	100.0 kHz	824.000000 MHz	-23.99 dBm	-10.99 dB
3		824.00 MHz	834.00 MHz	100.0 kHz	825.150000 MHz	5.623 dBm	-24.38 dB

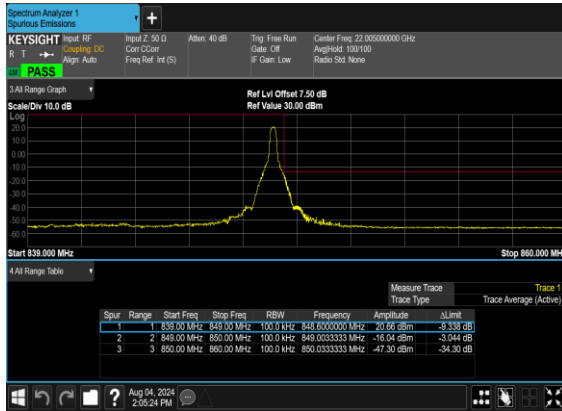
N26(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



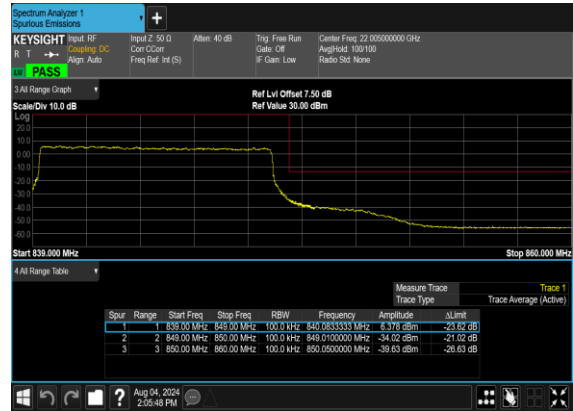
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1		839.00 MHz	850.00 MHz	100.0 kHz	849.933333 MHz	-17.26 dBm	-7.26 dB
2		849.00 MHz	850.00 MHz	100.0 kHz	849.026667 MHz	-16.03 dBm	-3.026 dB
3		850.00 MHz	860.00 MHz	100.0 kHz	850.033333 MHz	-48.69 dBm	-35.69 dB



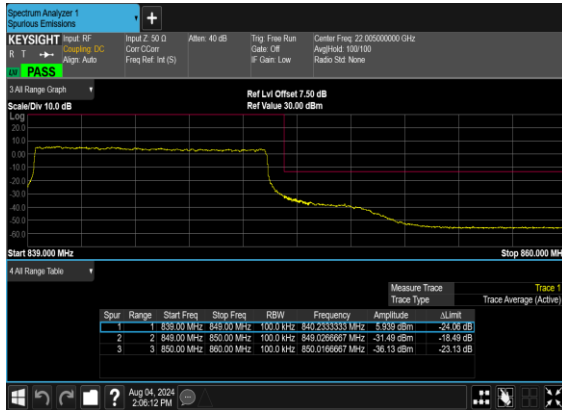
N26(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



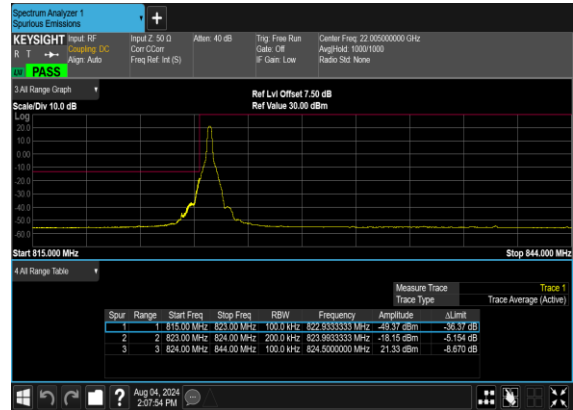
N26(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N26(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

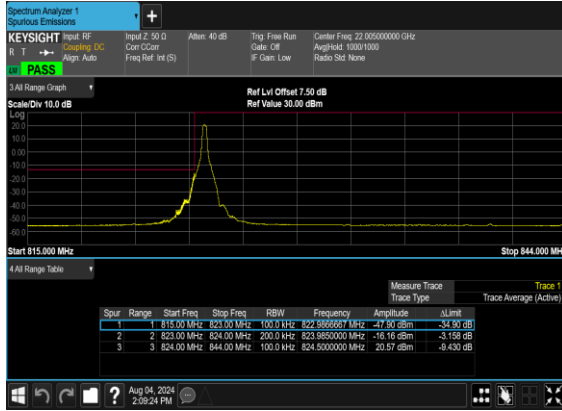


N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

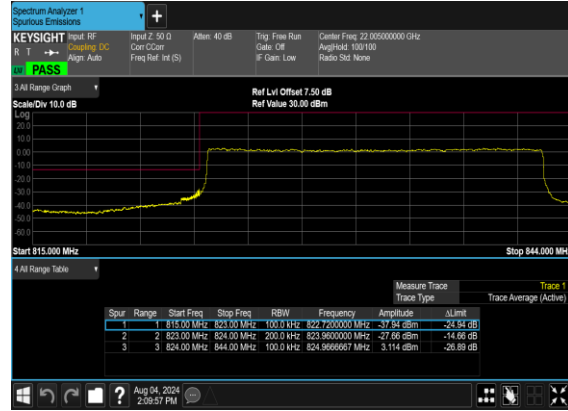




N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

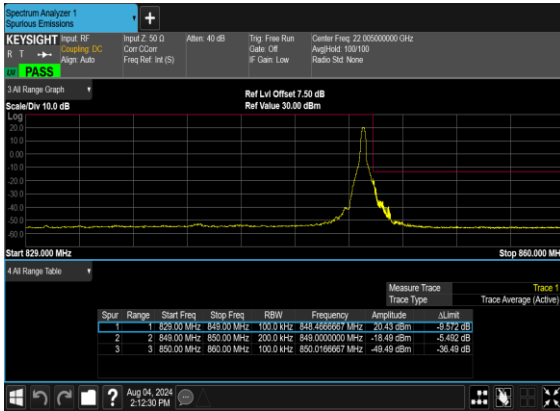


N26(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH





N26(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N26(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n25 SA / NR 40MHz / QPSK(ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3726.6	-62.62	-13	-49.62	-77.21	-69.37	5.85	12.60	H
	5589.9	-61.51	-13	-48.51	-79.17	-67.31	7.30	13.10	H
	7453.2	-54.38	-13	-41.38	-76.90	-57.53	8.35	11.50	H
	3726.6	-62.36	-13	-49.36	-77.2	-69.11	5.85	12.60	V
	5589.9	-61.47	-13	-48.47	-79.09	-67.27	7.30	13.10	V
	7453.2	-55.44	-13	-42.44	-77.93	-58.59	8.35	11.50	V

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

EN-DC_66A_n25A / LTE 10MHz + NR 20MHz / QPSK (ANT1+8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n25 Middle	3726	-62.50	-13	-49.50	-77.09	-69.25	5.85	12.60	H
	5589	-61.29	-13	-48.29	-78.95	-67.09	7.30	13.10	H
	7452	-55.27	-13	-42.27	-77.79	-58.42	8.35	11.50	H
	3726	-62.29	-13	-49.29	-77.13	-69.04	5.85	12.60	V
	5589	-61.39	-13	-48.39	-79.01	-67.19	7.30	13.10	V
	7452	-55.21	-13	-42.21	-77.71	-58.36	8.35	11.50	V
LTE Band66 Middle	3481	-63.67	-13	-50.67	-76.59	-70.52	5.65	12.50	H
	5221.5	-62.28	-13	-49.28	-79.58	-67.95	7.13	12.80	H
	6962	-58.01	-13	-45.01	-79.01	-61.41	8.40	11.80	H
	3481	-63.60	-13	-50.60	-77.06	-70.45	5.65	12.50	V
	5221.5	-62.45	-13	-49.45	-79.7	-68.12	7.13	12.80	V
	6962	-57.87	-13	-44.87	-78.97	-61.27	8.40	11.80	V

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



n25 TXD SA / NR 40MHz / QPSK(ANT1+8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3726.6	-62.62	-13	-49.62	-77.21	-69.37	5.85	12.60	H
	5589.9	-61.51	-13	-48.51	-79.17	-67.31	7.30	13.10	H
	7453.2	-55.40	-13	-42.40	-77.92	-58.55	8.35	11.50	H
	3726.6	-62.71	-13	-49.71	-77.55	-69.46	5.85	12.60	V
	5589.9	-61.83	-13	-48.83	-79.45	-67.63	7.30	13.10	V
	7453.2	-55.79	-13	-42.79	-78.28	-58.94	8.35	11.50	V

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

n25 UL MIMO SA / NR 40MHz / QPSK(ANT1+8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3726.6	-61.94	-13	-48.94	-76.53	-68.69	5.85	12.60	H
	5589.9	-61.24	-13	-48.24	-78.90	-67.04	7.30	13.10	H
	7453.2	-55.33	-13	-42.33	-77.85	-58.48	8.35	11.50	H
	3726.6	-62.29	-13	-49.29	-77.13	-69.04	5.85	12.60	V
	5589.9	-61.14	-13	-48.14	-78.76	-66.94	7.30	13.10	V
	7453.2	-54.89	-13	-41.89	-77.38	-58.04	8.35	11.50	V

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

n2 UL MIMO SA / NR 40MHz / QPSK(ANT1+8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3731.56	-61.94	-13	-48.94	-76.53	-68.69	5.85	12.60	H
	5597.34	-61.11	-13	-48.11	-78.80	-66.91	7.30	13.10	H
	7463.12	-55.33	-13	-42.33	-77.82	-58.48	8.35	11.50	H
	3731.56	-62.29	-13	-49.29	-77.12	-69.04	5.85	12.60	V
	5597.34	-61.24	-13	-48.24	-78.87	-67.04	7.30	13.10	V
	7463.12	-55.54	-13	-42.54	-77.99	-58.69	8.35	11.50	V

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

n26 SA / NR 40MHz / QPSK(ANT8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654.2	-67.66	-13	-54.66	-73.94	-70.91	4.00	9.40	H
	2481.3	-65.26	-13	-52.26	-75.58	-68.83	4.88	10.60	H
	3308.4	-64.13	-13	-51.13	-76.47	-69.06	5.52	12.60	H
	1654.2	-67.74	-13	-54.74	-73.87	-70.99	4.00	9.40	V
	2481.3	-64.83	-13	-51.83	-75.51	-68.40	4.88	10.60	V
	3308.4	-63.66	-13	-50.66	-76.44	-68.59	5.52	12.60	V

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



EN-DC_48A_n5A / LTE 10MHz + NR 20MHz / QPSK (ANT2+8)									
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n5 Middle	1654.5	-67.15	-13	-54.15	-73.43	-70.40	4.00	9.40	H
	2481.75	-65.04	-13	-52.04	-75.36	-68.61	4.88	10.60	H
	3309	-62.84	-13	-49.84	-75.17	-67.77	5.52	12.60	H
	1654.5	-67.62	-13	-54.62	-73.75	-70.87	4.00	9.40	V
	2481.75	-64.64	-13	-51.64	-75.32	-68.21	4.88	10.60	V
	3309	-62.67	-13	-49.67	-75.44	-67.60	5.52	12.60	V
LTE Band48 Middle	7241.00	-59.39	-40	-19.39	-50.32	-65.64	6.45	12.70	H
	10861.50	-55.36	-40	-15.36	-53.32	-58.76	8.40	11.80	H
	14482.00	-51.90	-40	-11.90	-54.23	-54.25	9.65	12.00	H
	7241.00	-56.53	-40	-16.53	-47.5	-62.78	6.45	12.70	V
	10861.50	-51.91	-40	-11.91	-49.62	-55.31	8.40	11.80	V
	14482.00	-52.25	-40	-12.25	-54.39	-54.60	9.65	12.00	V

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