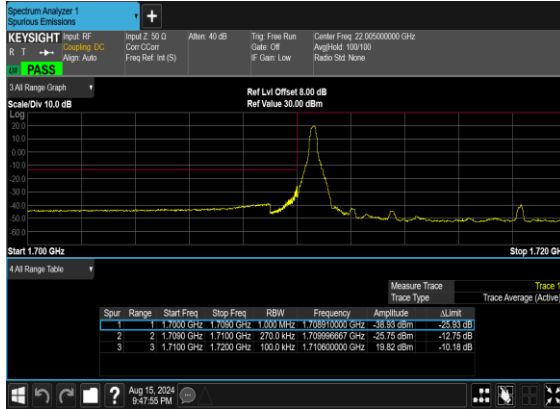
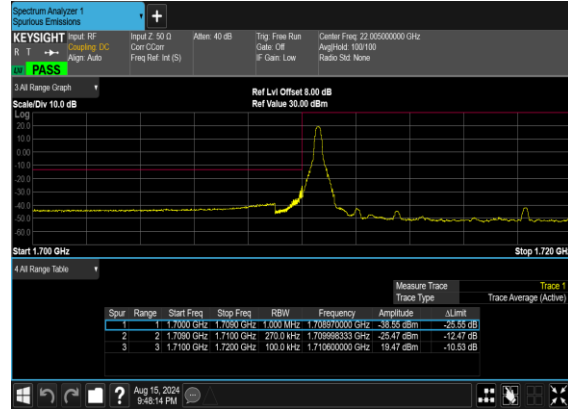




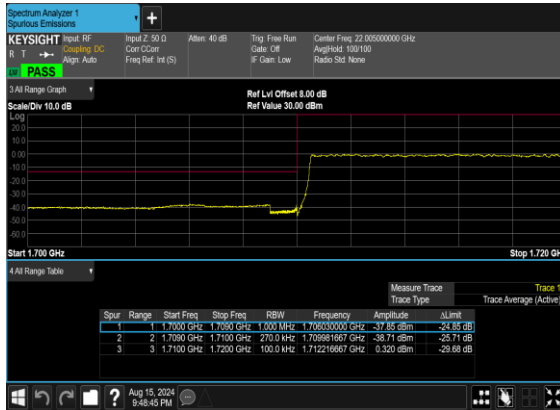
B30_N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



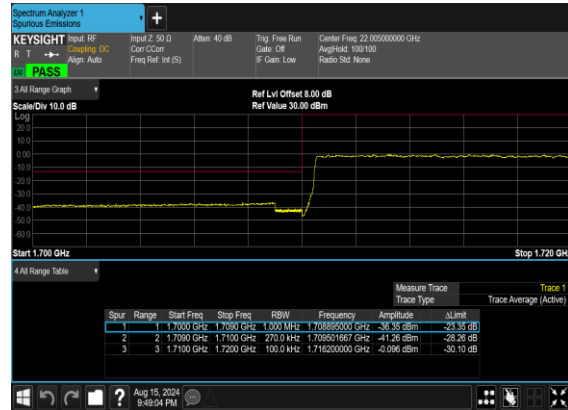
B30_N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B30_N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

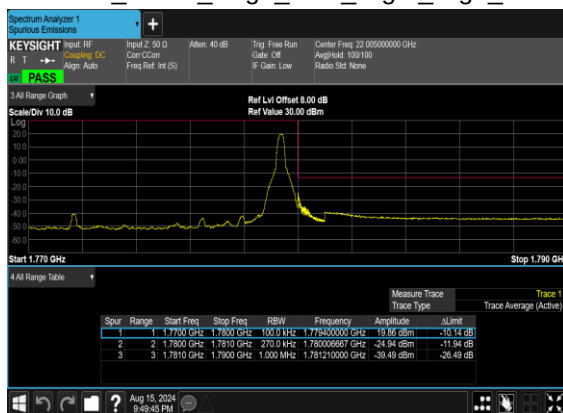


B30_N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

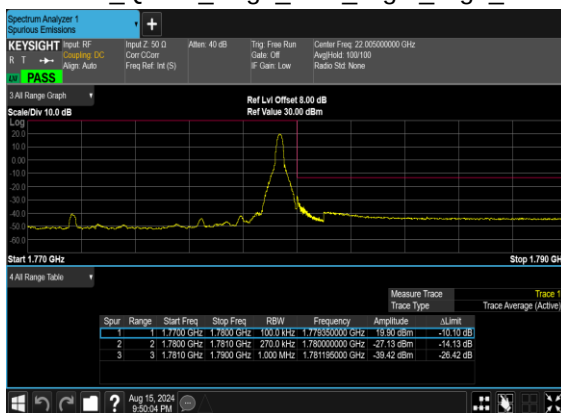




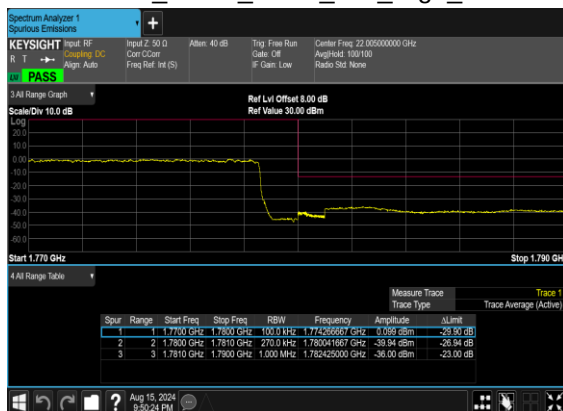
B30_N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



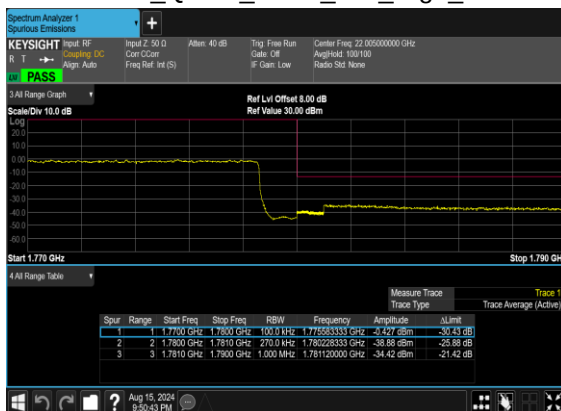
B30_N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B30_N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

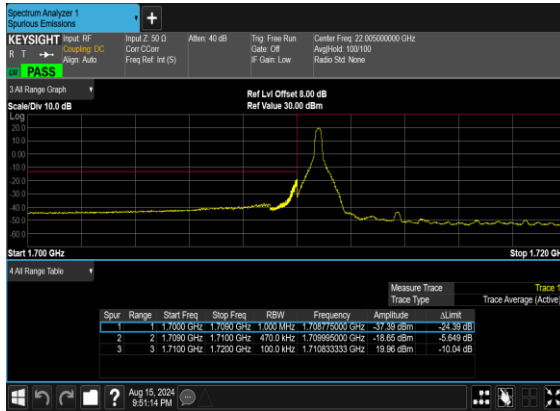


B30_N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

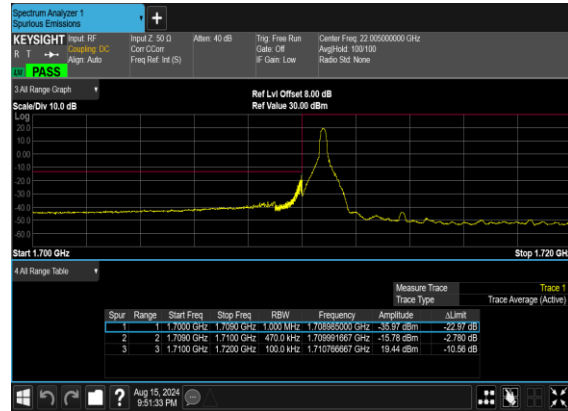




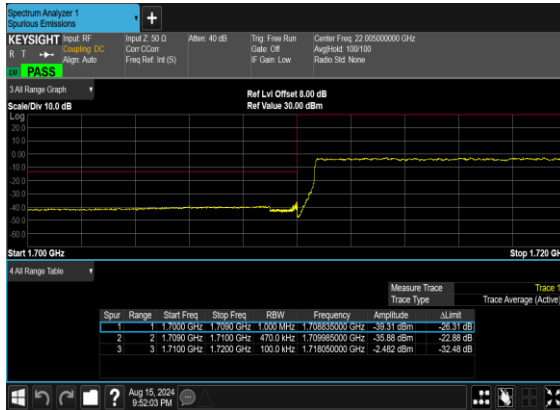
B30_N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



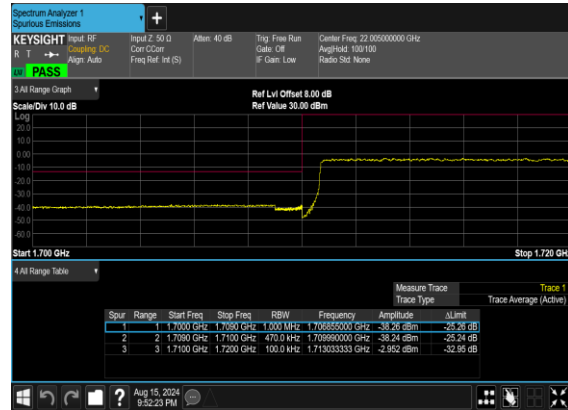
B30_N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

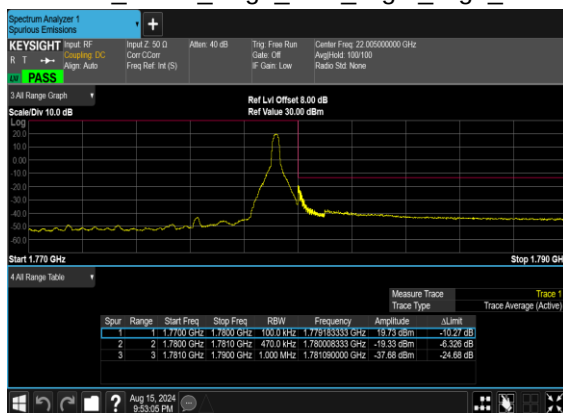
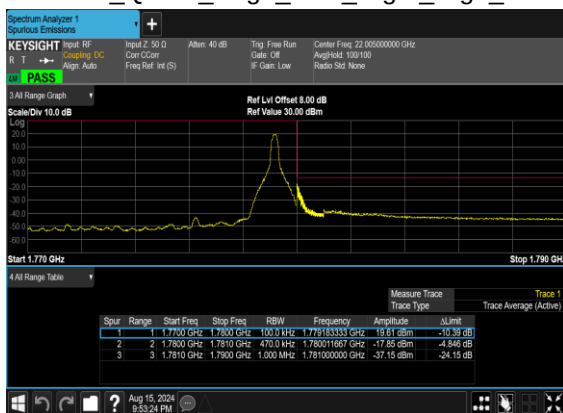
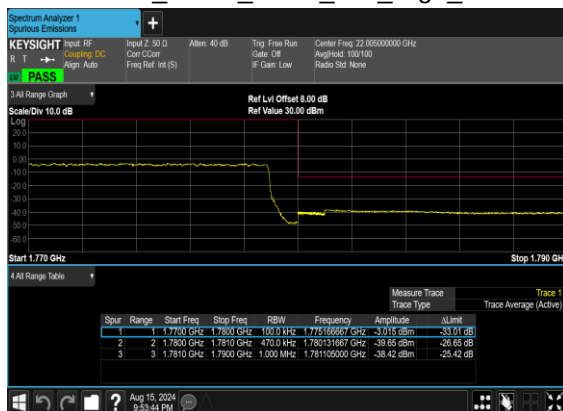
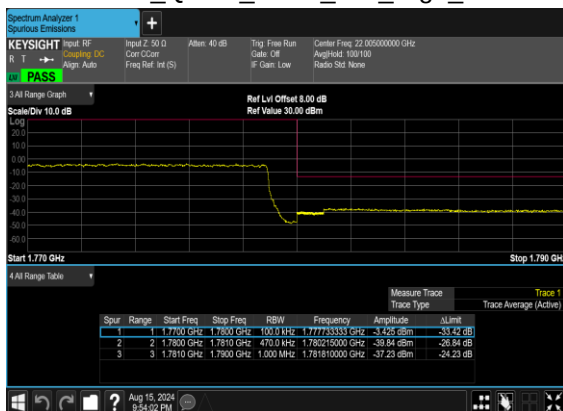


B30_N66(45M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B30_N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B30_N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB30_N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB30_N66(45M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB30_N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	23~25°C
		Relative Humidity :	41~42%

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

n25 SA / NR 40MHz / QPSK(ANT3)									
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	-56.87	-13	-43.87	-79.48	-63.62	5.85	12.60	H
	5589	-53.55	-13	-40.55	-78.20	-59.35	7.30	13.10	H
	7452	-54.54	-13	-41.54	-81.70	-57.69	8.35	11.50	H
	3726	-54.41	-13	-41.41	-79.87	-61.16	5.85	12.60	V
	5589	-47.90	-13	-34.90	-73.25	-53.70	7.30	13.10	V
	7452	-54.90	-13	-41.90	-82.04	-58.05	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 40MHz / QPSK (ANT2+3)									
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	-56.63	-13	-43.63	-79.24	-63.38	5.85	12.60	H
	5589	-56.75	-13	-43.75	-81.40	-62.55	7.30	13.10	H
	7452	-54.71	-13	-41.71	-81.87	-57.86	8.35	11.50	H
	3726	-54.54	-13	-41.54	-80	-61.29	5.85	12.60	V
	5589	-56.03	-13	-43.03	-81.38	-61.83	7.30	13.10	V
	7452	-54.92	-13	-41.92	-82.06	-58.07	8.35	11.50	V
LTE Band66 Middle	3481	-58.62	-13	-45.62	-80.66	-65.47	5.65	12.50	H
	5221.5	-53.77	-13	-40.77	-78.65	-59.44	7.13	12.80	H
	6962	-54.92	-13	-41.92	-81.30	-58.32	8.40	11.80	H
	3481	-57.37	-13	-44.37	-80.08	-64.22	5.65	12.50	V
	5221.5	-53.14	-13	-40.14	-78.19	-58.81	7.13	12.80	V
	6962	-54.86	-13	-41.86	-81.79	-58.26	8.40	11.80	V

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



EN-DC_66A_n2A / LTE 10MHz + NR 40MHz / QPSK (ANT3+2) for other PA									
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 n2 Middle	3722	-56.84	-13	-43.84	-79.45	-63.59	5.85	12.60	H
	5583	-56.76	-13	-43.76	-81.41	-62.56	7.30	13.10	H
	7444	-54.39	-13	-41.39	-81.61	-57.54	8.35	11.50	H
	3722	-54.61	-13	-41.61	-80.07	-61.36	5.85	12.60	V
	5583	-54.31	-13	-41.31	-79.66	-60.11	7.30	13.10	V
	7444	-53.97	-13	-40.97	-81.17	-57.12	8.35	11.50	V
LTE Band66 Middle	3481	-57.28	-13	-44.28	-79.32	-64.13	5.65	12.50	H
	5221.5	-54.33	-13	-41.33	-79.21	-60.00	7.13	12.80	H
	6962	-55.15	-13	-42.15	-81.53	-58.55	8.40	11.80	H
	3481	-54.08	-13	-41.08	-76.79	-60.93	5.65	12.50	V
	5221.5	-51.68	-13	-38.68	-76.73	-57.35	7.13	12.80	V
	6962	-54.41	-13	-41.41	-81.34	-57.81	8.40	11.80	V

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

n5 SA / NR 25MHz / QPSK(ANT0)									
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	1649.3	-64.48	-13	-51.48	-76.57	-67.73	4.00	9.40	H
	2474	-48.67	-13	-35.67	-67.92	-52.24	4.88	10.60	H
	3298.7	-58.72	-13	-45.72	-79.77	-63.65	5.52	12.60	H
	1649.3	-62.80	-13	-49.80	-75.53	-66.05	4.00	9.40	V
	2474	-42.95	-13	-29.95	-62.52	-46.52	4.88	10.60	V
	3298.7	-57.81	-13	-44.81	-79.75	-62.74	5.52	12.60	V

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

EN-DC_30A_n5A / LTE 10MHz + NR 25MHz / QPSK (ANT3+0)									
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 n5 Middle	1649.3	-65.73	-13	-52.73	-77.82	-68.98	4.00	9.40	H
	2474	-61.55	-13	-48.55	-80.80	-65.12	4.88	10.60	H
	3298.7	-59.81	-13	-46.81	-80.86	-64.74	5.52	12.60	H
	1649.3	-65.07	-13	-52.07	-77.80	-68.32	4.00	9.40	V
	2474	-61.07	-13	-48.07	-80.64	-64.64	4.88	10.60	V
	3298.7	-58.91	-13	-45.91	-80.85	-63.84	5.52	12.60	V
LTE Band30 Middle	4611.00	-59.15	-40	-19.15	-64.10	-65.40	6.45	12.70	H
	6916.50	-57.96	-40	-17.96	-65.46	-61.36	8.40	11.80	H
	9222.00	-58.33	-40	-18.33	-67.85	-60.68	9.65	12.00	H
	4611.00	-58.92	-40	-18.92	-64	-65.17	6.45	12.70	V
	6916.50	-56.86	-40	-16.86	-65.46	-60.26	8.40	11.80	V
	9222.00	-56.10	-40	-16.10	-67.85	-58.45	9.65	12.00	V

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



n66 SA / NR 45MHz / QPSK(ANT3)									
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	3448	-59.06	-13	-46.06	-80.51	-65.91	5.65	12.50	H
	5172	-51.45	-13	-38.45	-76.09	-57.12	7.13	12.80	H
	6896	-54.97	-13	-41.97	-81.17	-58.37	8.40	11.80	H
	3448	-58.21	-13	-45.21	-80.6	-65.06	5.65	12.50	V
	5172	-56.21	-13	-43.21	-81.35	-61.88	7.13	12.80	V
	6896	-53.62	-13	-40.62	-81.1	-57.02	8.40	11.80	V

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

EN-DC_13A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT0+3)									
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 n66 Middle	3448	-57.04	-13	-44.04	-78.49	-63.89	5.65	12.50	H
	5172	-56.34	-13	-43.34	-80.98	-62.01	7.13	12.80	H
	6896	-54.67	-13	-41.67	-80.87	-58.07	8.40	11.80	H
	3448	-56.82	-13	-43.82	-79.21	-63.67	5.65	12.50	V
	5172	-55.43	-13	-42.43	-80.57	-61.10	7.13	12.80	V
	6896	-53.52	-13	-40.52	-81	-56.92	8.40	11.80	V
LTE Band13 Middle	1555	-63.01	-13	-50.01	-74.79	-66.26	4.00	9.40	H
	2332.5	-57.34	-13	-44.34	-75.96	-60.91	4.88	10.60	H
	3110	-57.63	-13	-44.63	-77.91	-62.56	5.52	12.60	H
	1555	-62.57	-13	-49.57	-74.97	-65.82	4.00	9.40	V
	2332.5	-58.46	-13	-45.46	-77.36	-62.03	4.88	10.60	V
	3110	-56.32	-13	-43.32	-78.33	-61.25	5.52	12.60	V

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

EN-DC_30A_n66A / LTE 10MHz + NR 45MHz / QPSK (ANT3+2) for other PA									
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 n66 Middle	3448	-60.98	-13	-47.98	-62.82	-67.83	5.65	12.50	H
	5172	-59.82	-13	-46.82	-64.75	-65.49	7.13	12.80	H
	6896	-58.40	-13	-45.40	-65.86	-61.80	8.40	11.80	H
	3448	-60.56	-13	-47.56	-63.34	-67.41	5.65	12.50	V
	5172	-59.23	-13	-46.23	-64.66	-64.90	7.13	12.80	V
	6896	-57.33	-13	-44.33	-66.07	-60.73	8.40	11.80	V
LTE Band30 Middle	4611.00	-59.34	-40	-19.34	-64.29	-65.59	6.45	12.70	H
	6916.50	-57.59	-40	-17.59	-65.09	-60.99	8.40	11.80	H
	9222.00	-58.36	-40	-18.36	-67.88	-60.71	9.65	12.00	H
	4611.00	-58.78	-40	-18.78	-63.86	-65.03	6.45	12.70	V
	6916.50	-57.41	-40	-17.41	-66.01	-60.81	8.40	11.80	V
	9222.00	-56.51	-40	-16.51	-68.26	-58.86	9.65	12.00	V

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