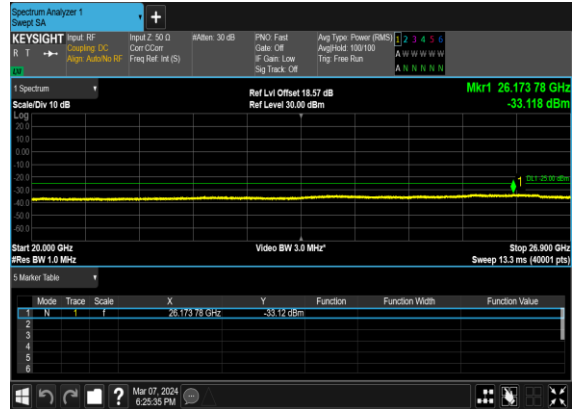


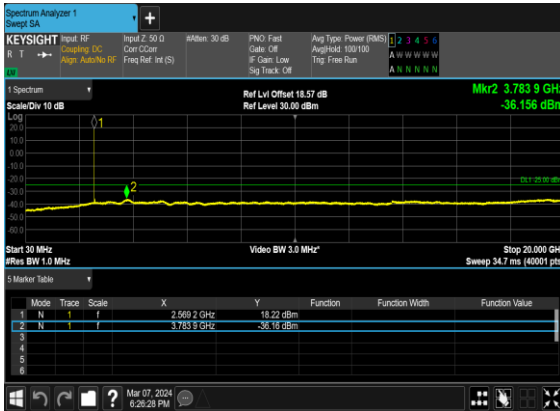
### N41(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



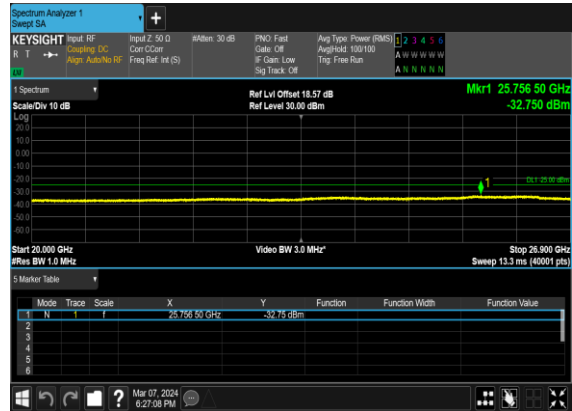
### N41(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



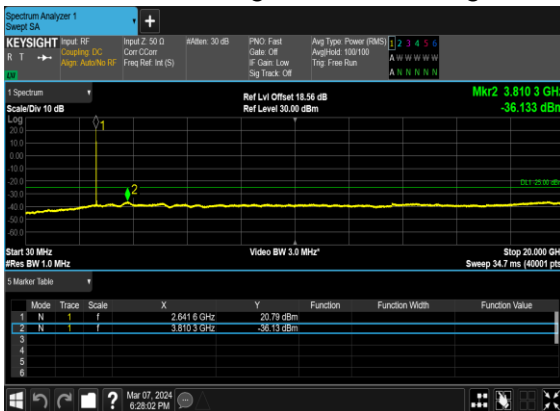
### N41(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



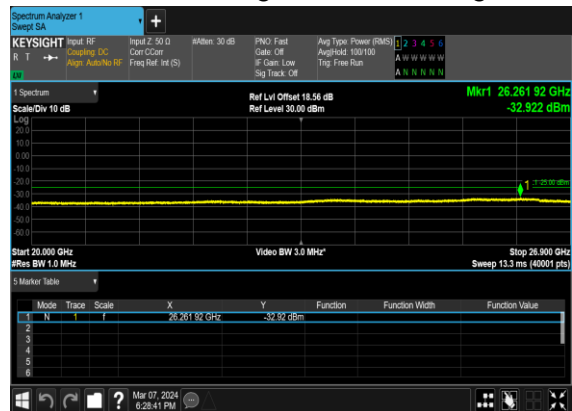
### N41(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



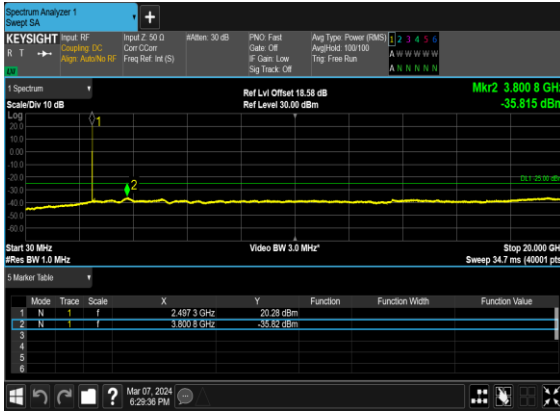
### N41(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



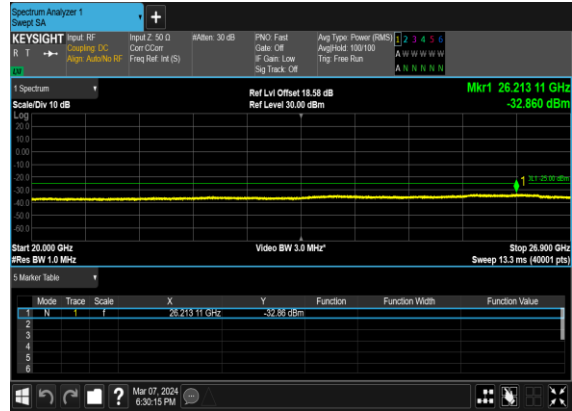
### N41(50M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



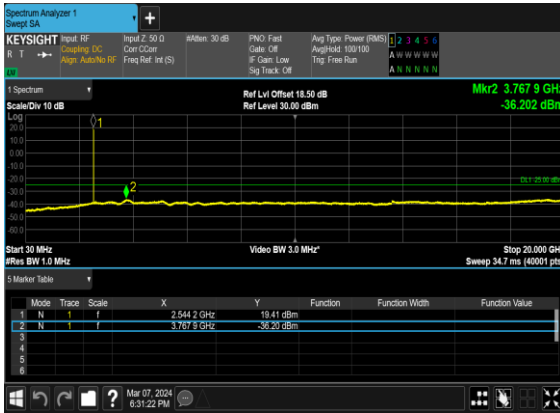
### N41(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



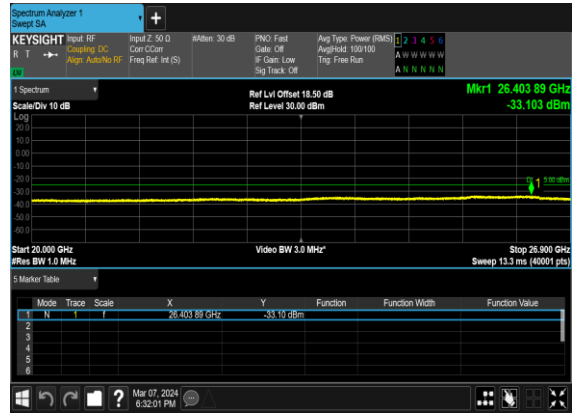
### N41(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N41(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



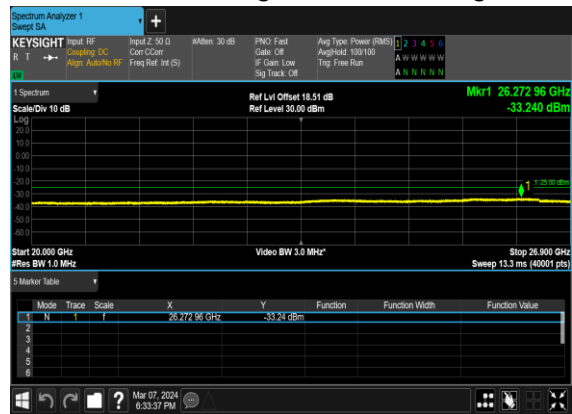
### N41(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N41(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



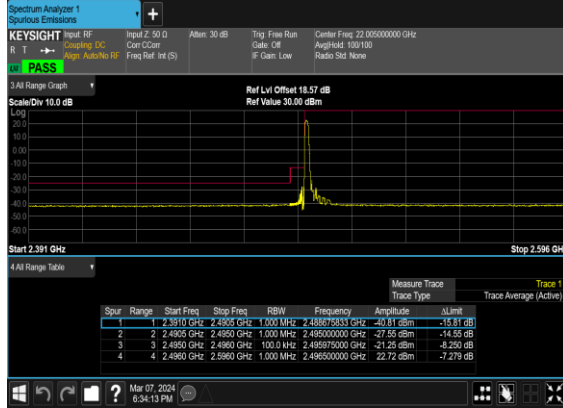
### N41(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



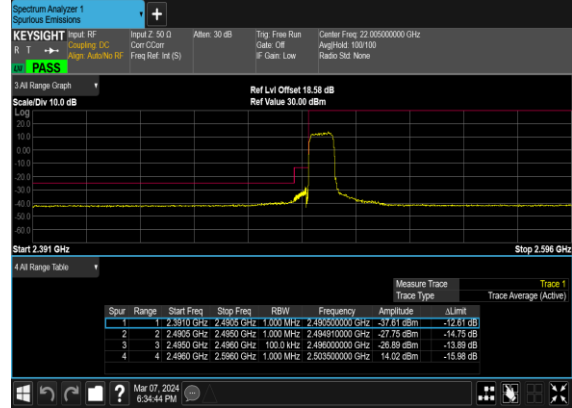
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	24@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	1@0	see graph	PASS
41	30	50	504204	2521.02	CP-OFDM QPSK	133@0	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	1@132	see graph	PASS
41	30	50	532998	2664.99	CP-OFDM QPSK	133@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	273@0	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	1@272	see graph	PASS
41	30	100	528000	2640.0	CP-OFDM QPSK	273@0	see graph	PASS

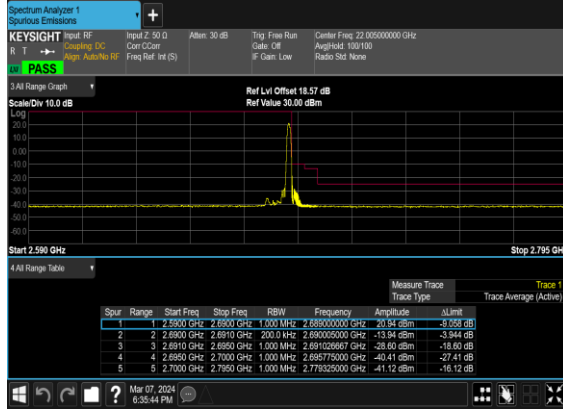
N41(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



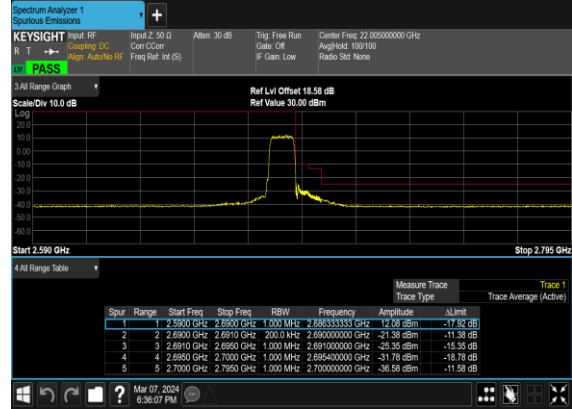
N41(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



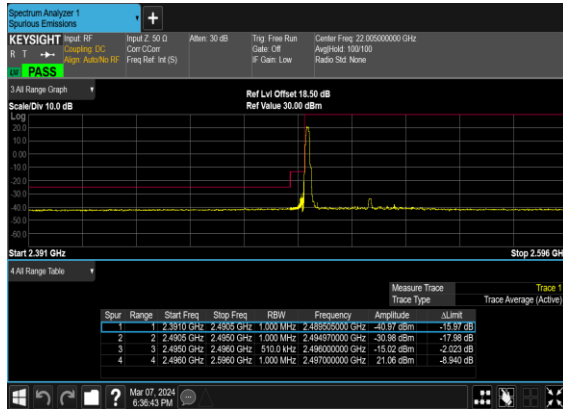
N41(10M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



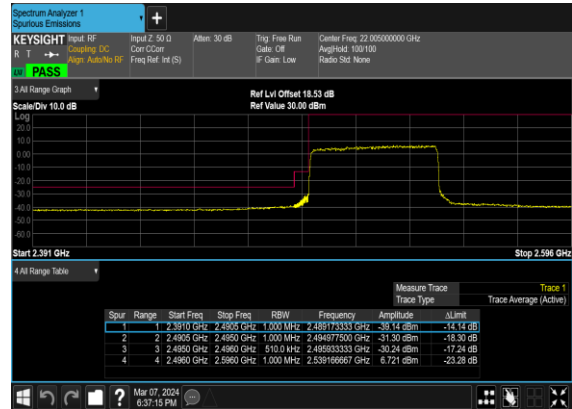
N41(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



N41(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



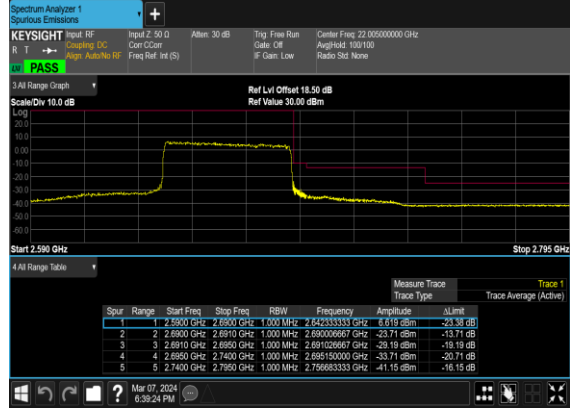
N41(50M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



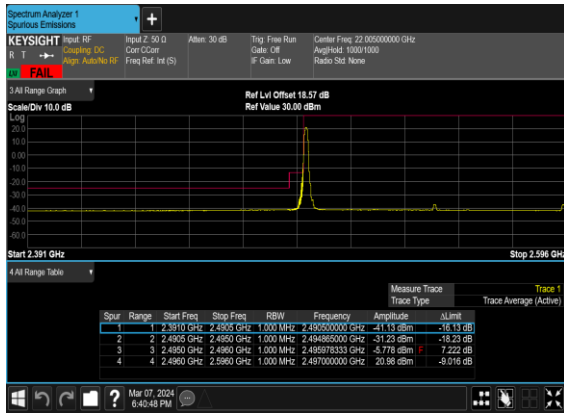
N41(50M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



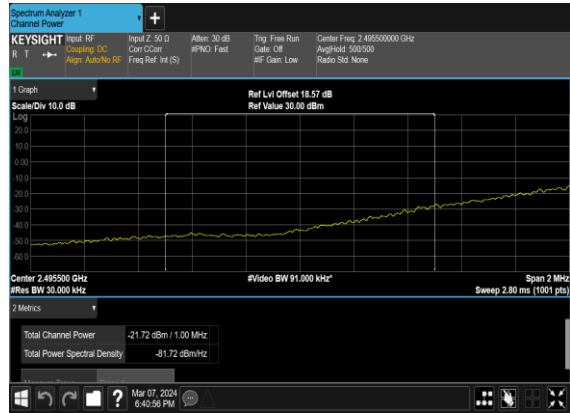
N41(50M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



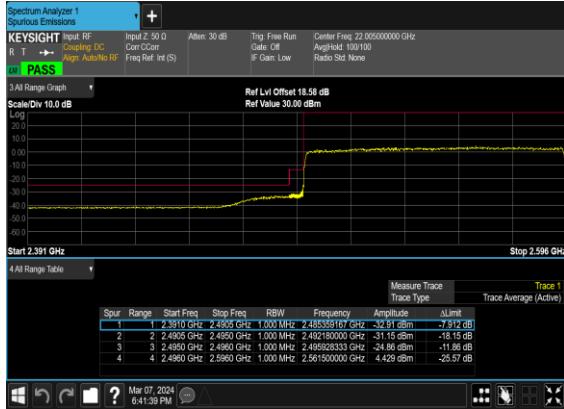
N41(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



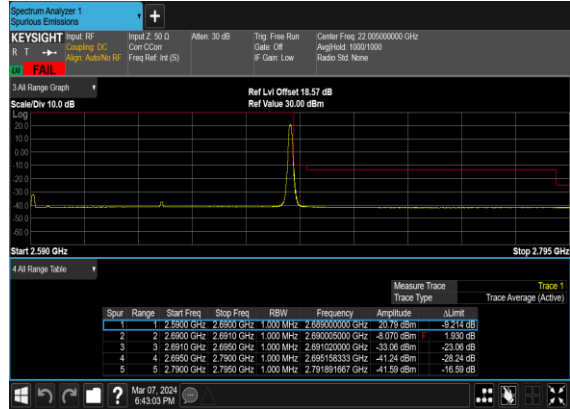
N41(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP  
\_PASS



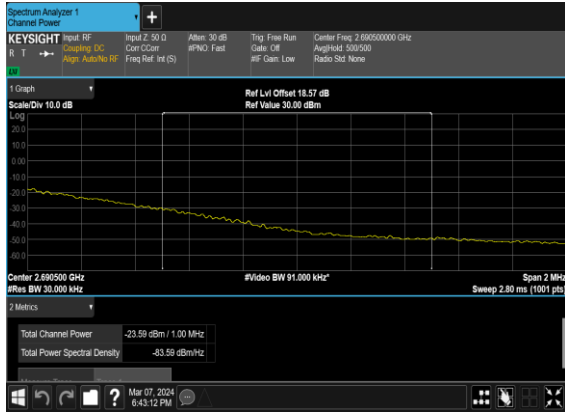
N41(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



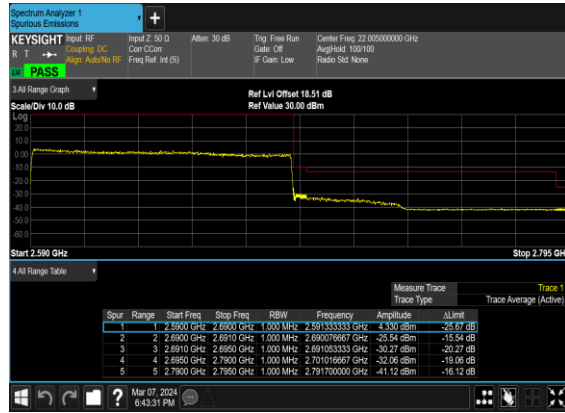
N41(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N41(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_Chp  
\_PASS



N41(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_High\_CH





# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Carry Xu	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.

n7 SA / NR 40MHz / QPSK(ANT2)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5036	-56.80	-25	-31.80	-67.01	3.03	13.24	H
	7542	-58.23	-25	-33.23	-67.68	3.56	13.01	H
	10062	-61.28	-25	-36.28	-70.80	3.92	13.44	H
	5036	-58.09	-25	-33.09	-68.30	3.03	13.24	V
	7542	-54.26	-25	-29.26	-63.71	3.56	13.01	V
	10062	-61.54	-25	-36.54	-71.06	3.92	13.44	V

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

EN-DC_5A_n7A / LTE 10MHz + NR 40MHz / QPSK (ANT1+2)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5036	-61.35	-25	-36.35	-71.56	3.03	13.24	H
	7556	-61.18	-25	-36.18	-70.63	3.56	13.01	H
	10062	-60.62	-25	-35.62	-70.14	3.92	13.44	H
	5036	-62.55	-25	-37.55	-72.76	3.03	13.24	V
	7556	-61.73	-25	-36.73	-71.18	3.56	13.01	V
	10062	-61.26	-25	-36.26	-70.78	3.92	13.44	V

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

EN-DC_66A_n7A / LTE 10MHz + NR 40MHz / QPSK (ANT1+2) – other PA								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5036	-62.77	-25	-37.77	-72.98	3.03	13.24	H
	7556	-61.71	-25	-36.71	-71.16	3.56	13.01	H
	10062	-60.96	-25	-35.96	-70.48	3.92	13.44	H
	5036	-62.94	-25	-37.94	-73.15	3.03	13.24	V
	7556	-61.41	-25	-36.41	-70.86	3.56	13.01	V
	10062	-61.18	-25	-36.18	-70.70	3.92	13.44	V

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



n41 SA / NR 100MHz / QPSK(ANT3)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-66.40	-25	-41.40	-76.61	3.03	13.24	H
	7640	-63.50	-25	-38.50	-72.95	3.56	13.01	H
	10188	-63.10	-25	-38.10	-72.62	3.92	13.44	H
	5092	-64.81	-25	-39.81	-75.02	3.03	13.24	V
	7640	-59.03	-25	-34.03	-68.48	3.56	13.01	V
	10188	-63.57	-25	-38.57	-73.09	3.92	13.44	V

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

EN-DC_5A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT1+3)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-61.84	-25	-36.84	-72.05	3.03	13.24	H
	7640	-61.34	-25	-36.34	-70.79	3.56	13.01	H
	10188	-61.02	-25	-36.02	-70.54	3.92	13.44	H
	5092	-61.07	-25	-36.07	-71.28	3.03	13.24	V
	7640	-61.51	-25	-36.51	-70.96	3.56	13.01	V
	10188	-61.20	-25	-36.20	-70.72	3.92	13.44	V

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

EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT1+2) – other PA								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-62.58	-25	-37.58	-72.79	3.03	13.24	H
	7640	-61.13	-25	-36.13	-70.58	3.56	13.01	H
	10188	-60.74	-25	-35.74	-70.26	3.92	13.44	H
	5092	-63.01	-25	-38.01	-73.22	3.03	13.24	V
	7640	-61.36	-25	-36.36	-70.81	3.56	13.01	V
	10188	-60.93	-25	-35.93	-70.45	3.92	13.44	V

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





UL MIMO n41 SA / NR 100MHz / QPSK (ANT0+3)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-65.91	-25	-40.91	-76.12	3.03	13.24	H
	7640	-63.19	-25	-38.19	-72.64	3.56	13.01	H
	10188	-62.79	-25	-37.79	-72.31	3.92	13.44	H
	5092	-64.07	-25	-39.07	-74.28	3.03	13.24	V
	7640	-58.10	-25	-33.10	-67.55	3.56	13.01	V
	10188	-62.23	-25	-37.23	-71.75	3.92	13.44	V

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

n71 SA / NR 20MHz / QPSK(ANT1)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1344	-62.94	-13	-49.94	-71.53	2.604	13.34	H
	2016	-40.87	-13	-27.87	-49.23	3.011	13.52	H
	2688	-59.13	-13	-46.13	-67.18	3.271	13.47	H
	1344	-67.02	-13	-54.02	-75.61	2.604	13.34	V
	2016	-50.39	-13	-37.39	-58.75	3.011	13.52	V
	2688	-60.14	-13	-47.14	-68.19	3.271	13.47	V

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