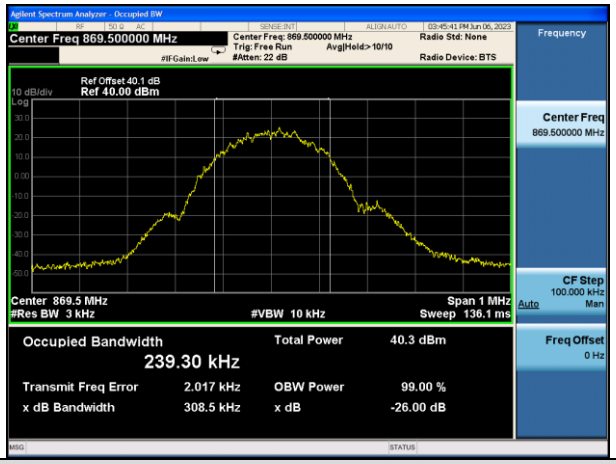
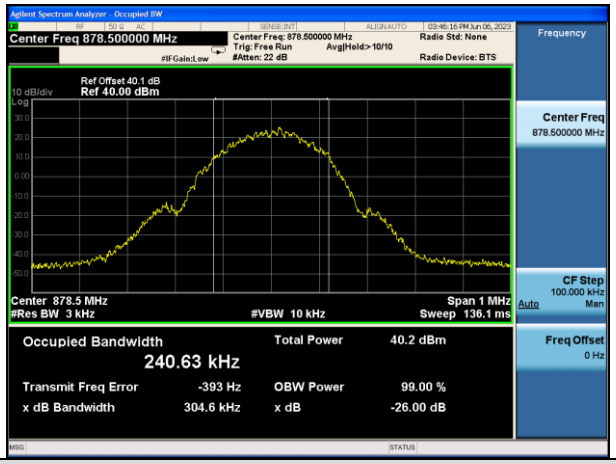
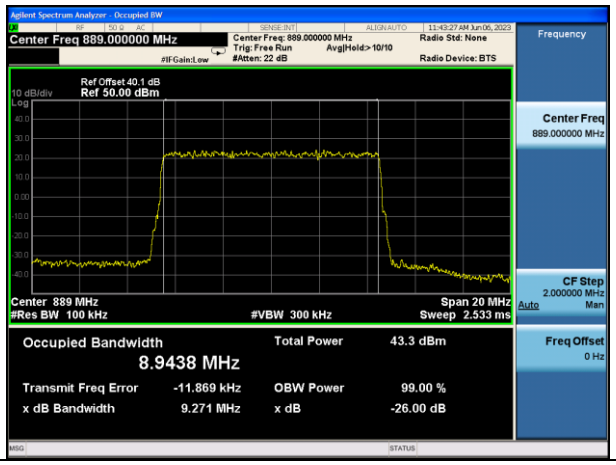
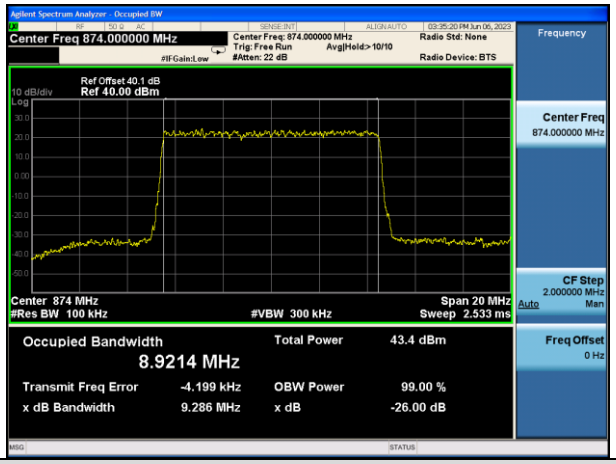
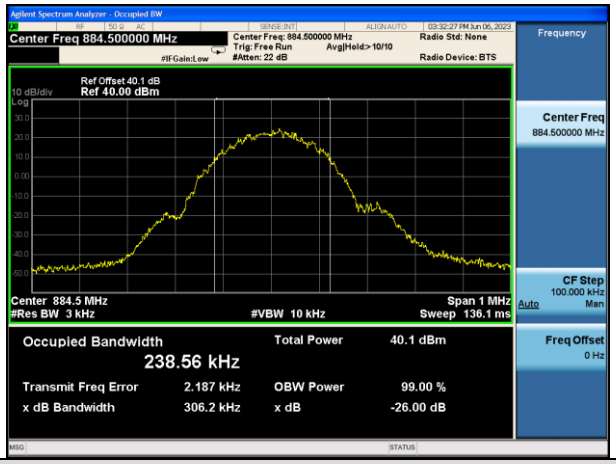
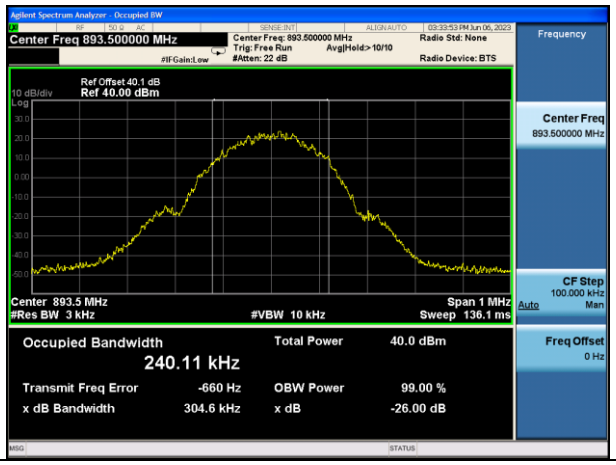
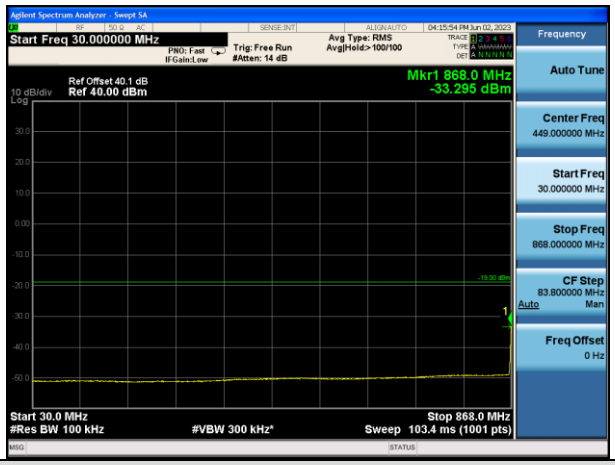
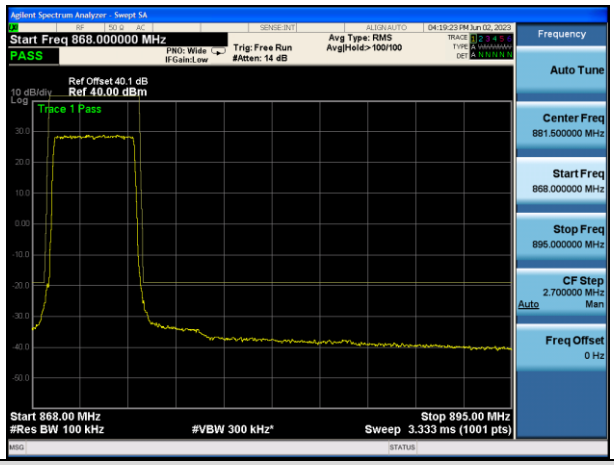
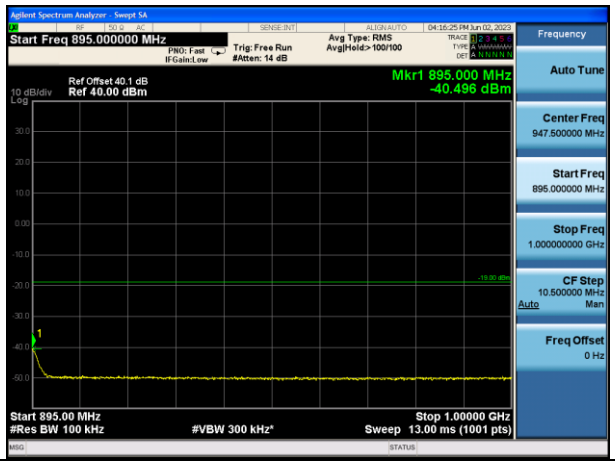
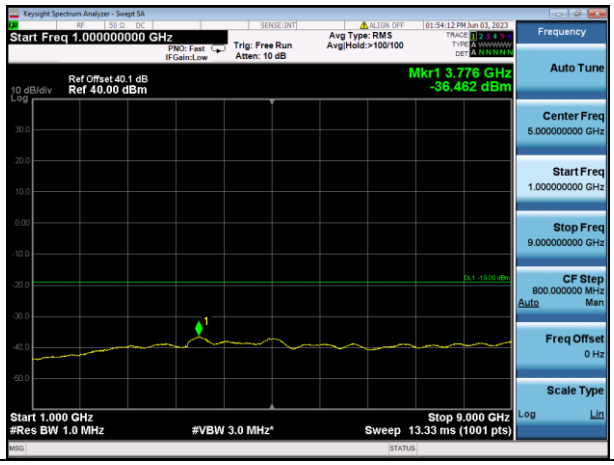
Bandwidth	
2 GSM+ 1 LTE_10MHz_GMSK+QPSK (TC66)	2 GSM+ 1 LTE_10MHz_GMSK+QPSK (TC66)
	
2 GSM+ 1 LTE_10MHz_GMSK+QPSK (TC66)	/
	/

Remark:
1. All test configurations had been tested, only show the worst-case of 3 carries (2 GSM+1 LTE)in this report.
2. ANT1 port was measured.

Bandwidth	
2 GSM+ 1 LTE_10MHz_QPSK+GMSK (TC72)	2 GSM+ 1 LTE_10MHz_QPSK+GMSK (TC72)
	
2 GSM+ 1 LTE_10MHz_QPSK+GMSK (TC72)	/
	/

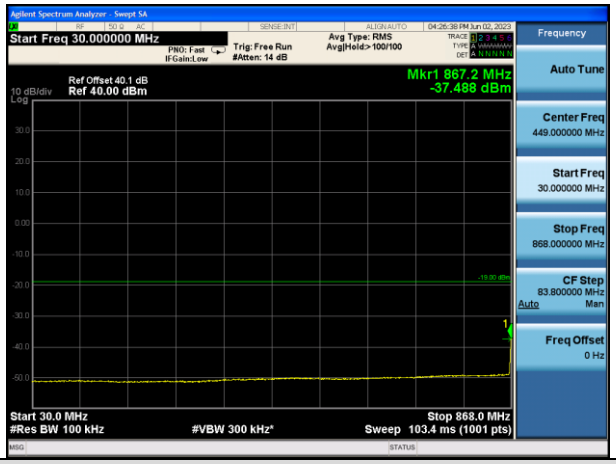
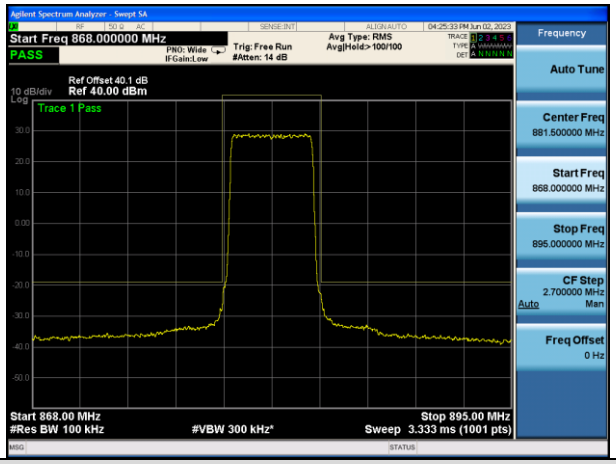
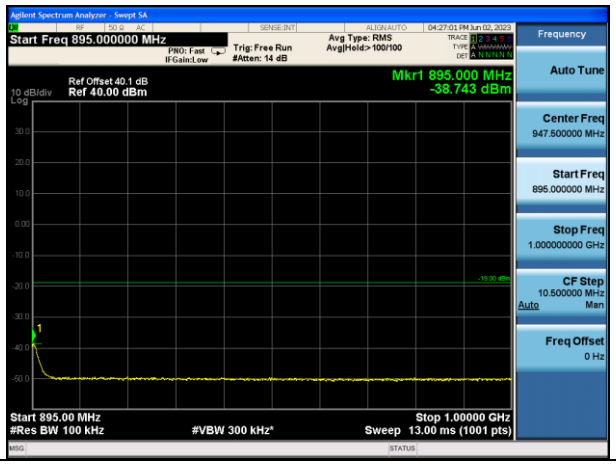
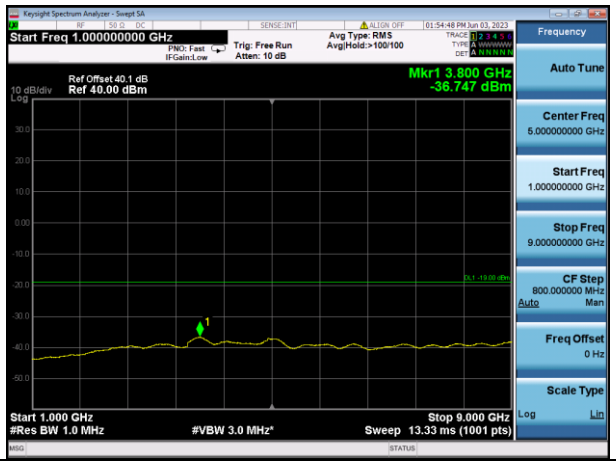
Remark:
1. All test configurations had been tested, only show the worst-case of 3 carries (2 GSM+1 LTE)in this report.
2. ANT1 port was measured.

4 Spurious emissions at antenna terminals

Spurious emissions at antenna terminals	
1 LTE_5MHz_QPSK_B (TC00)	1 LTE_5MHz_QPSK_B (TC00)
	
1 LTE_5MHz_QPSK_B (TC00)	1 LTE_5MHz_QPSK_B (TC00)
	

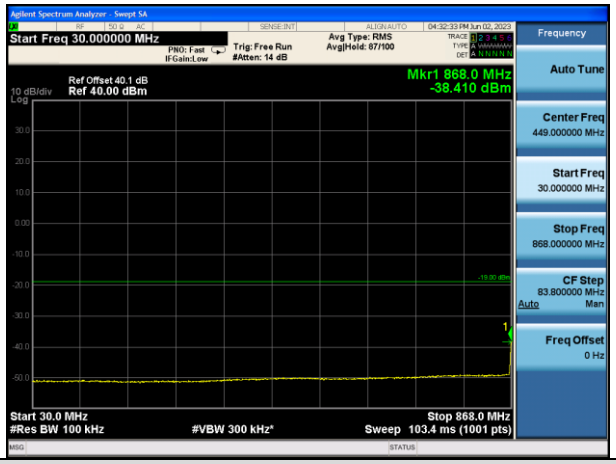
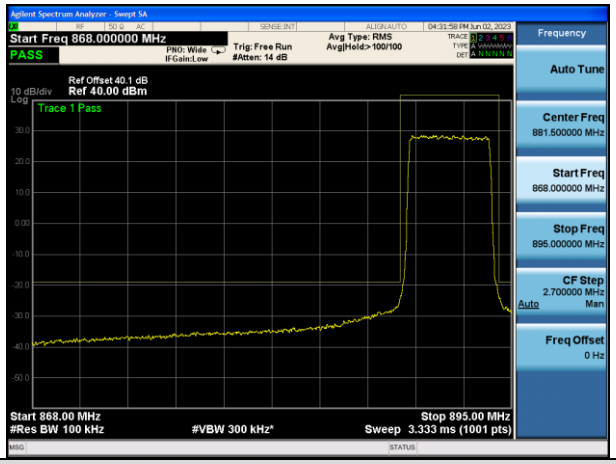
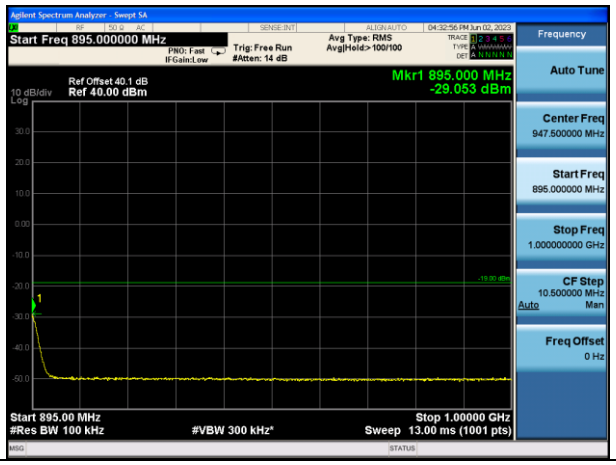
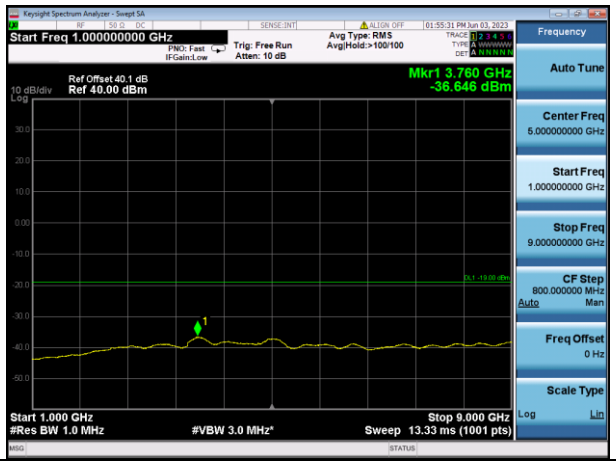
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_5MHz_QPSK_M (TC00)	1 LTE_5MHz_QPSK_M (TC00)
	
1 LTE_5MHz_QPSK_M (TC00)	1 LTE_5MHz_QPSK_M (TC00)
	

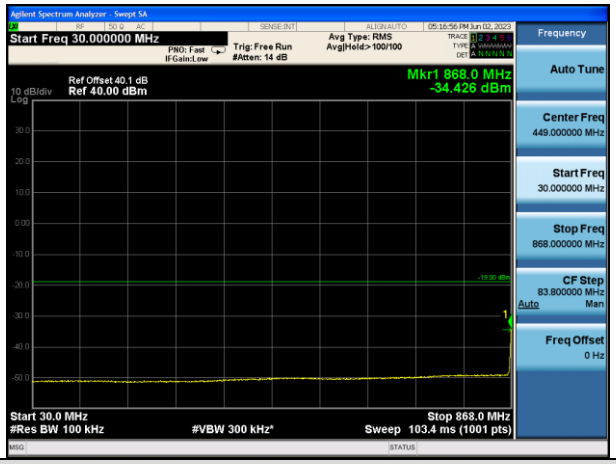
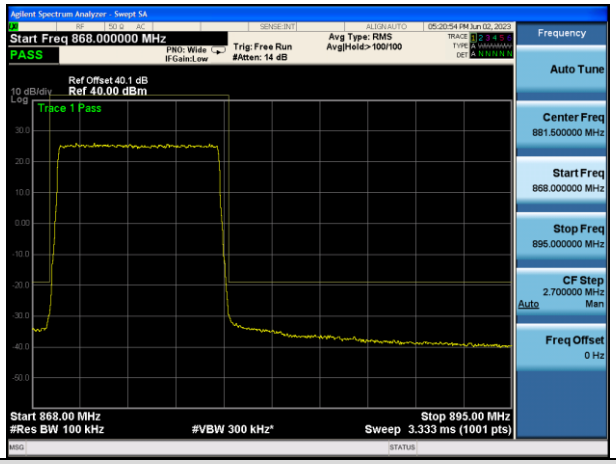
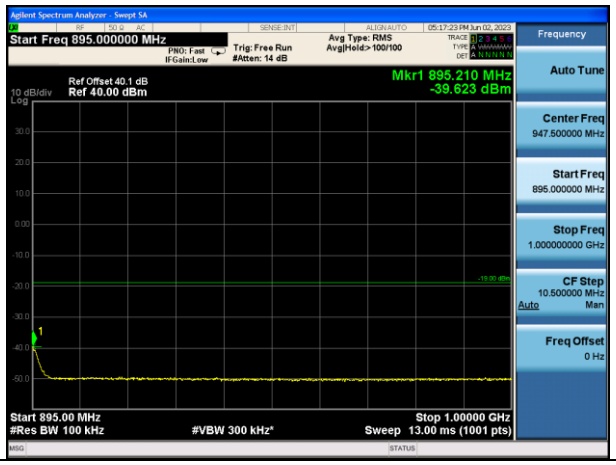
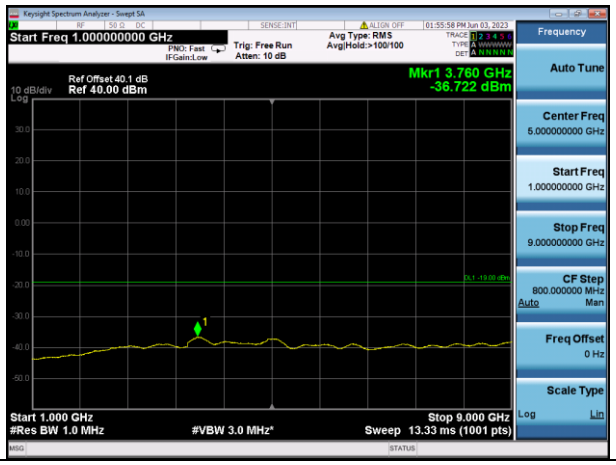
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_5MHz_QPSK_T (TC00)	1 LTE_5MHz_QPSK_T (TC00)
	
1 LTE_5MHz_QPSK_T (TC00)	1 LTE_5MHz_QPSK_T (TC00)
	

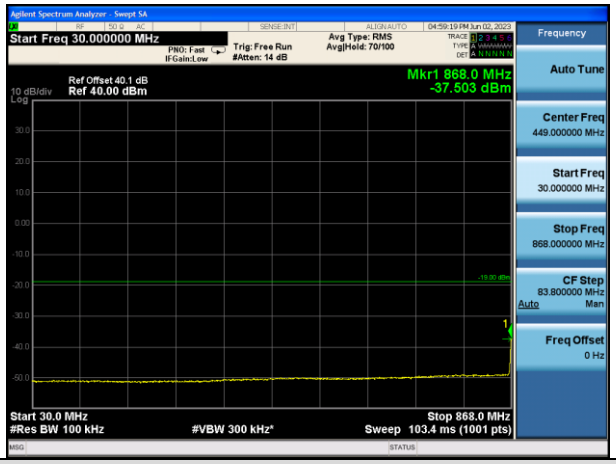
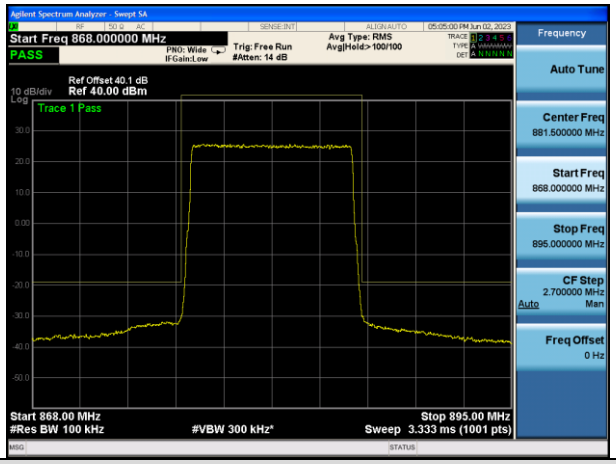
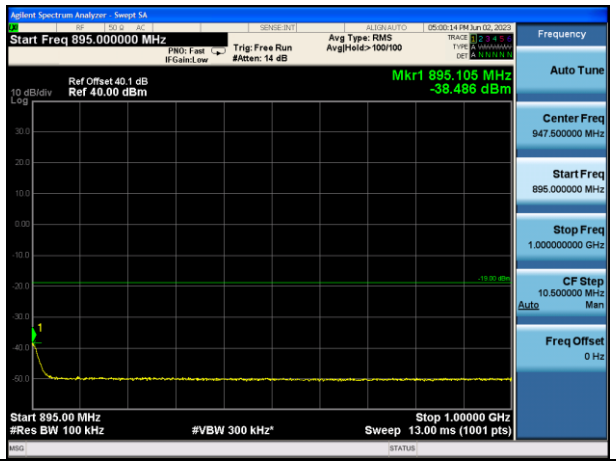
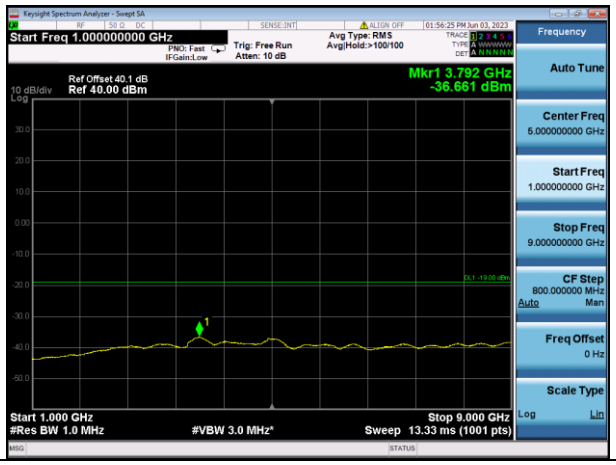
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_10MHz_QPSK_B (TC03)	1 LTE_10MHz_QPSK_B (TC03)
	
1 LTE_10MHz_QPSK_B (TC03)	1 LTE_10MHz_QPSK_B (TC03)
	

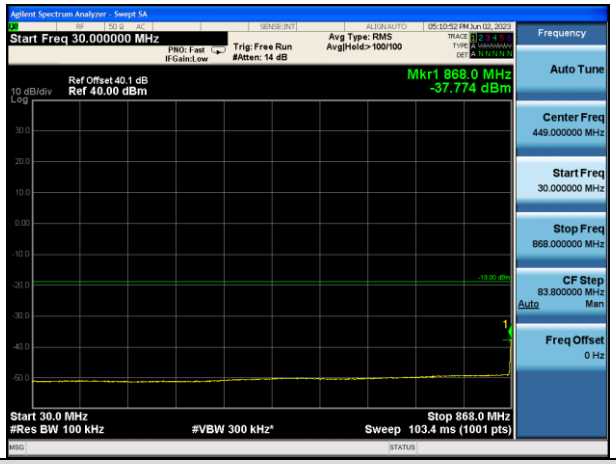
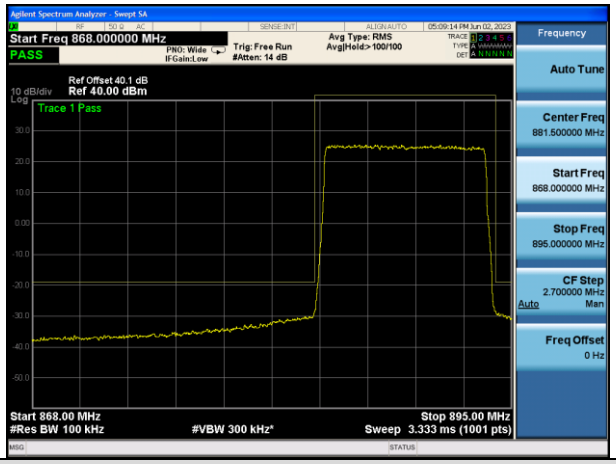
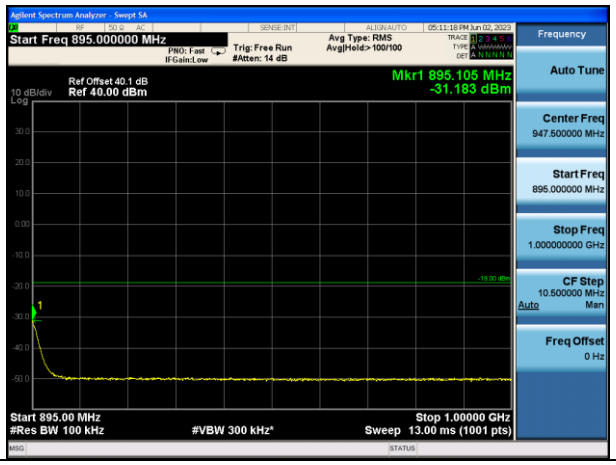
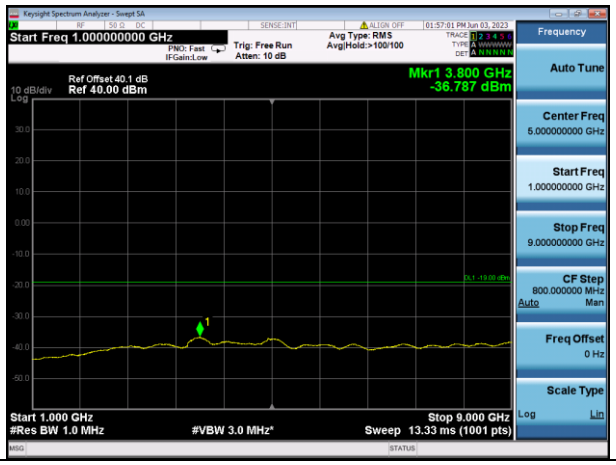
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_10MHz_QPSK_M (TC03)	1 LTE_10MHz_QPSK_M (TC03)
	
1 LTE_10MHz_QPSK_M (TC03)	1 LTE_10MHz_QPSK_M (TC03)
	

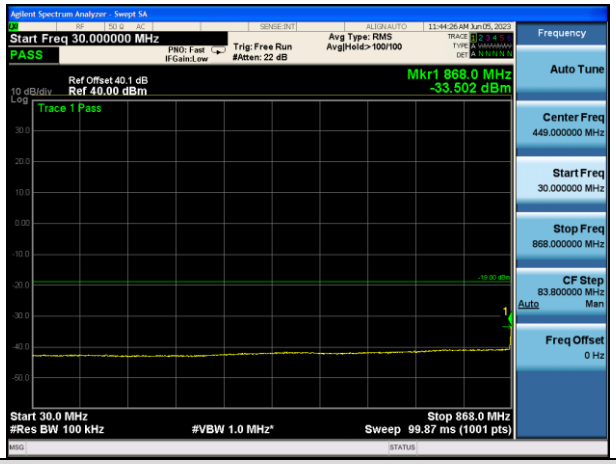
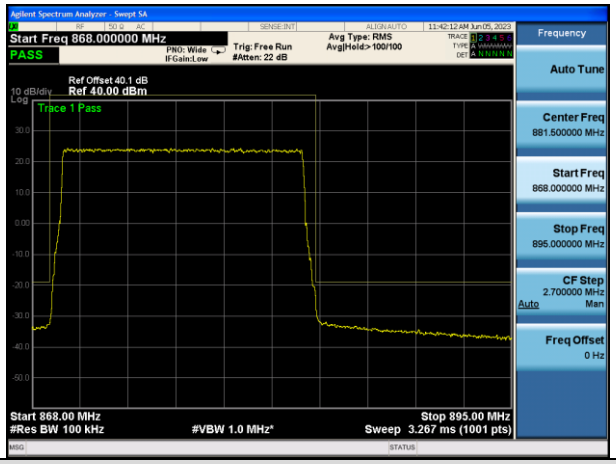
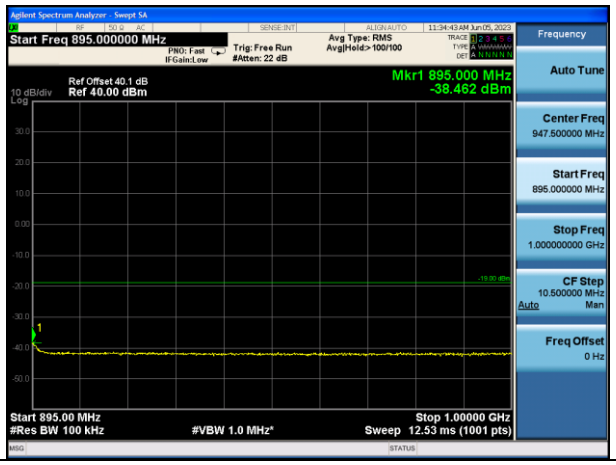
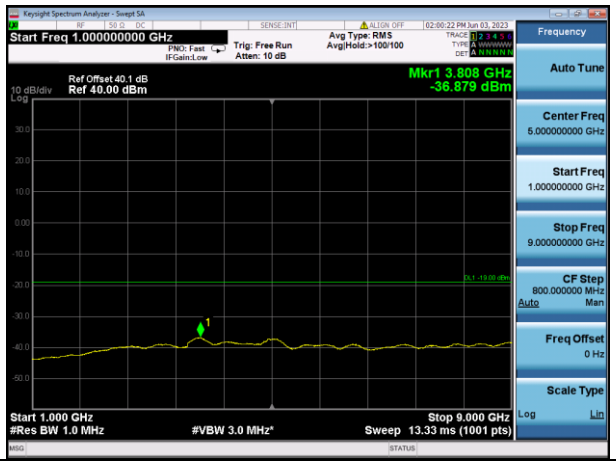
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_10MHz_QPSK_T (TC03)	1 LTE_10MHz_QPSK_T (TC03)
	
1 LTE_10MHz_QPSK_T (TC03)	1 LTE_10MHz_QPSK_T (TC03)
	

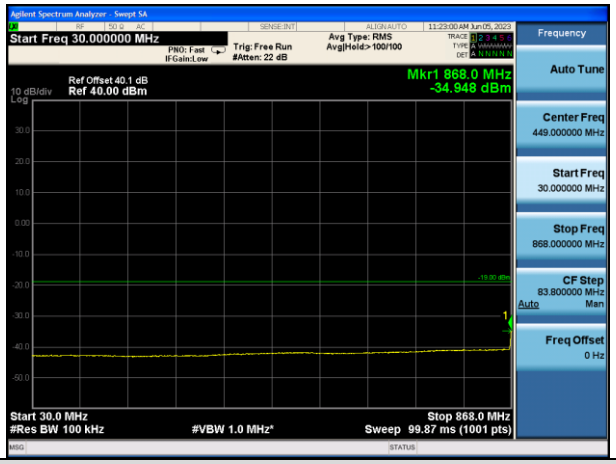
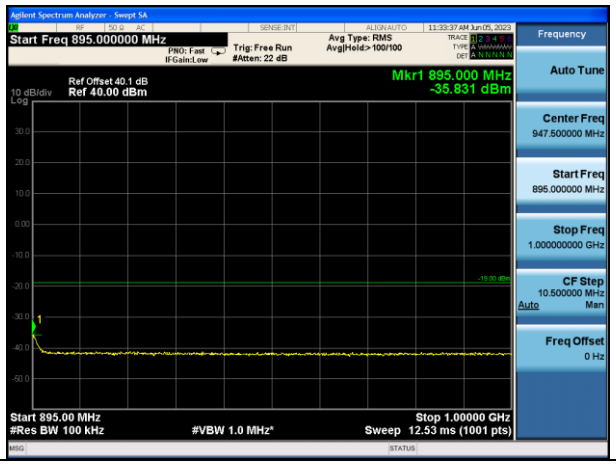
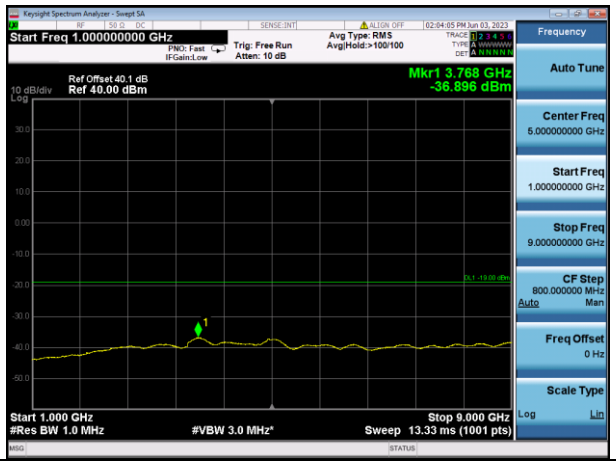
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_15MHz_QPSK_B (TC06)	1 LTE_15MHz_QPSK_B (TC06)
	
1 LTE_15MHz_QPSK_B (TC06)	1 LTE_15MHz_QPSK_B (TC06)
	

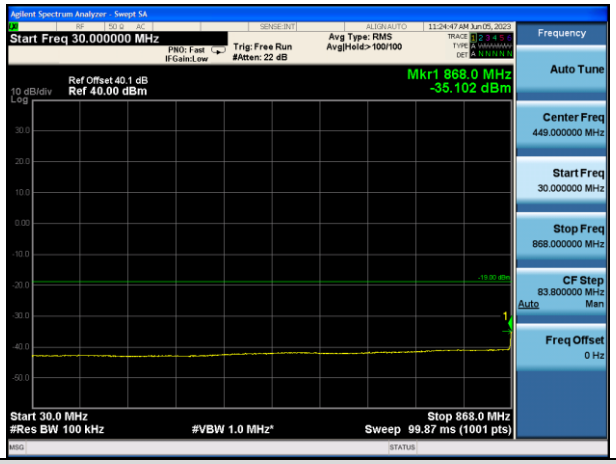
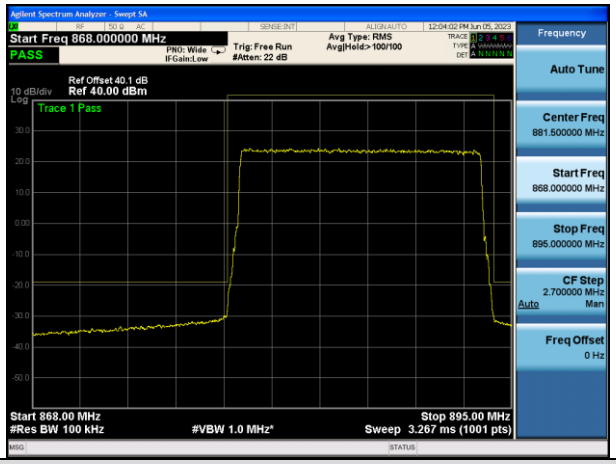
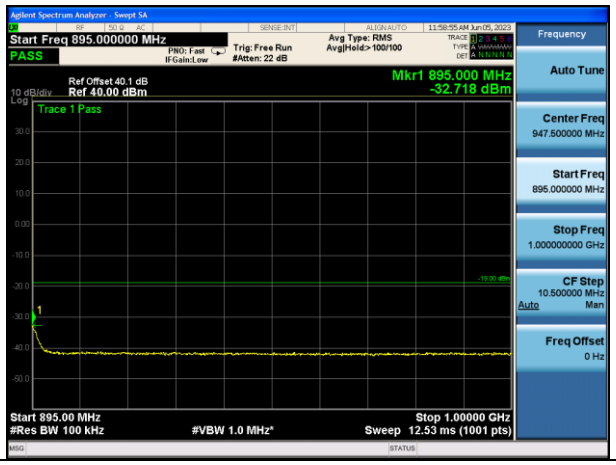
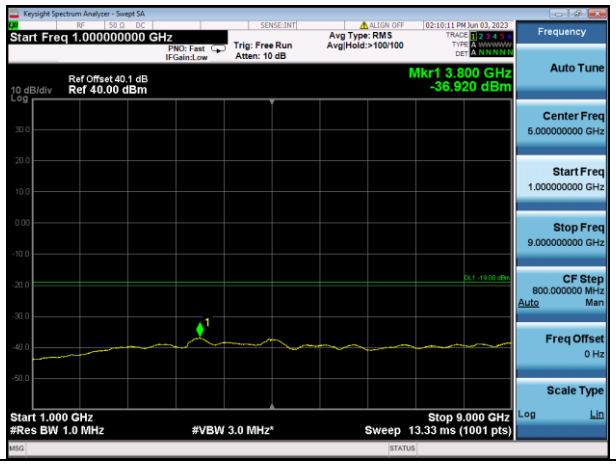
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_15MHz_QPSK_M (TC06)	1 LTE_15MHz_QPSK_M (TC06)
	
1 LTE_15MHz_QPSK_M (TC06)	1 LTE_15MHz_QPSK_M (TC06)
	

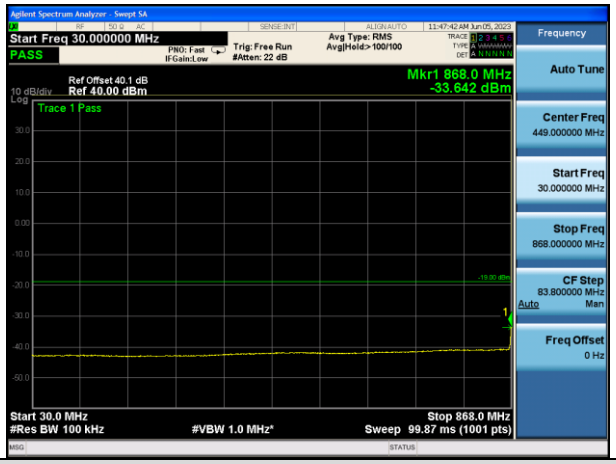
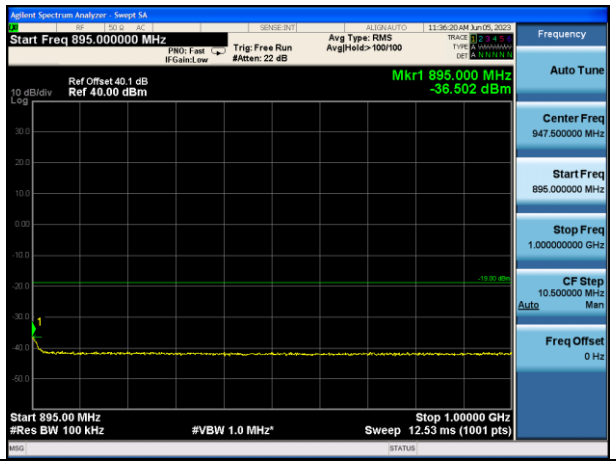
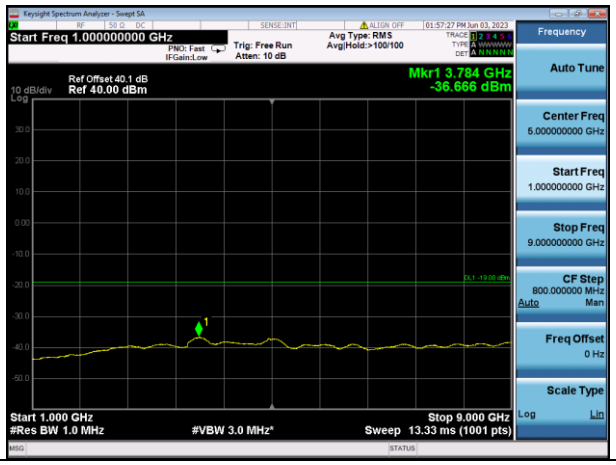
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_15MHz_QPSK_T (TC06)	1 LTE_15MHz_QPSK_T (TC06)
	
1 LTE_15MHz_QPSK_T (TC06)	1 LTE_15MHz_QPSK_T (TC06)
	

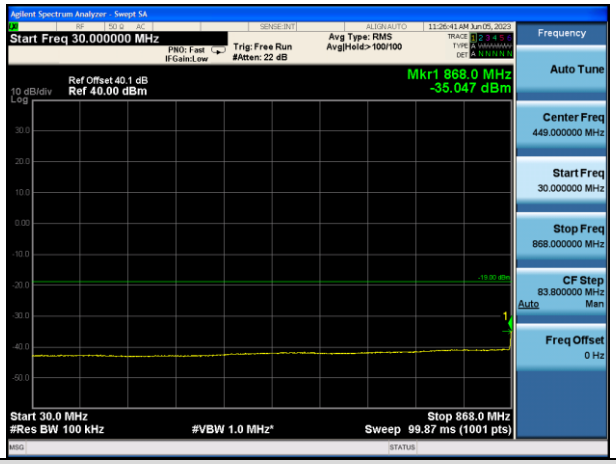
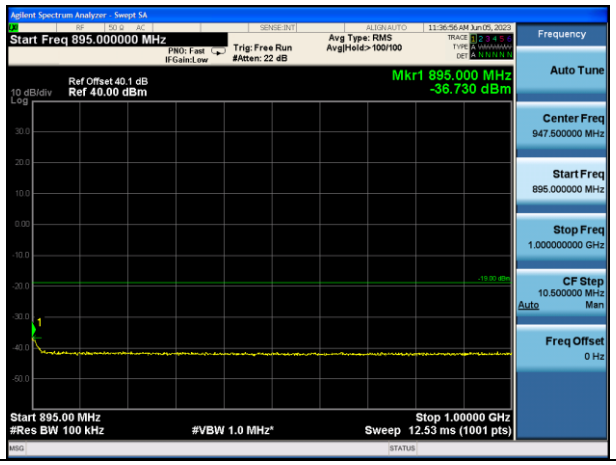
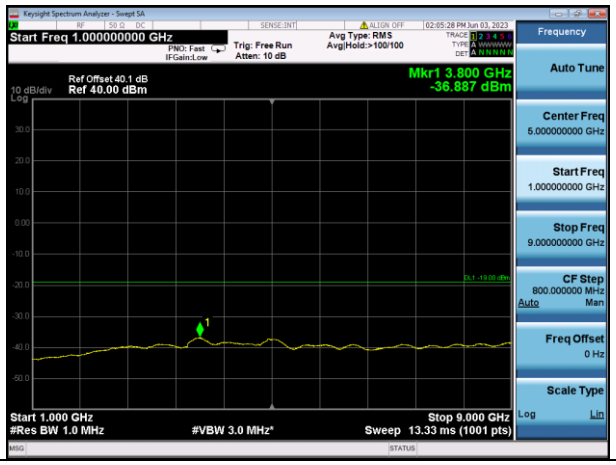
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_20MHz_QPSK_B (TC09)	1 LTE_20MHz_QPSK_B (TC09)
	
1 LTE_20MHz_QPSK_B (TC09)	1 LTE_20MHz_QPSK_B (TC09)
	

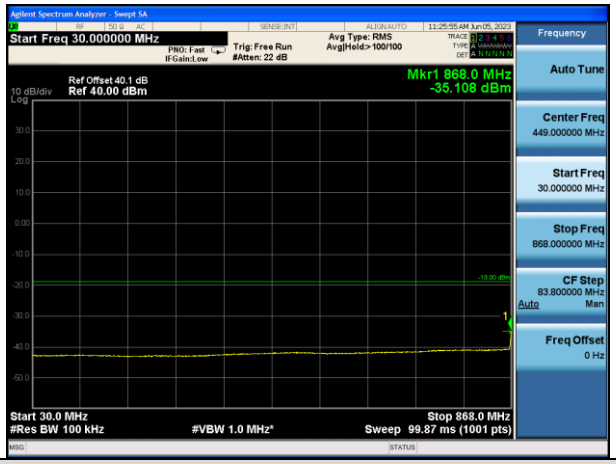
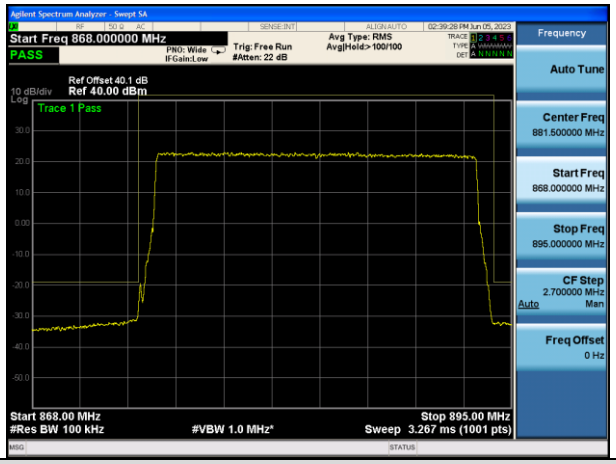
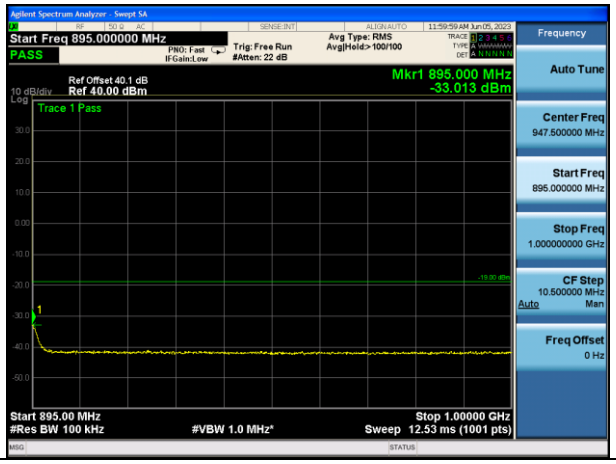
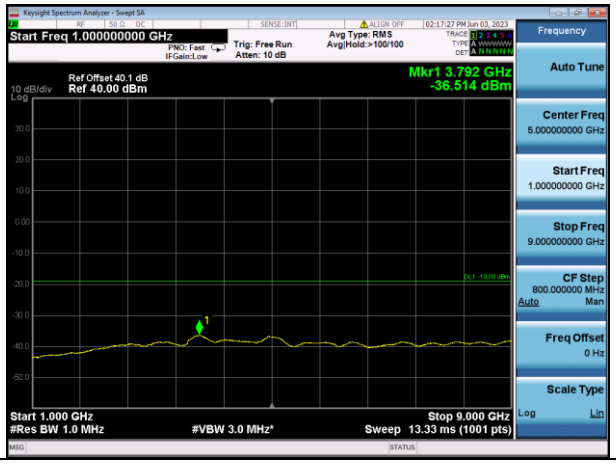
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_20MHz_QPSK_M (TC09)	1 LTE_20MHz_QPSK_M (TC09)
	
1 LTE_20MHz_QPSK_M (TC09)	1 LTE_20MHz_QPSK_M (TC09)
	

Remark:

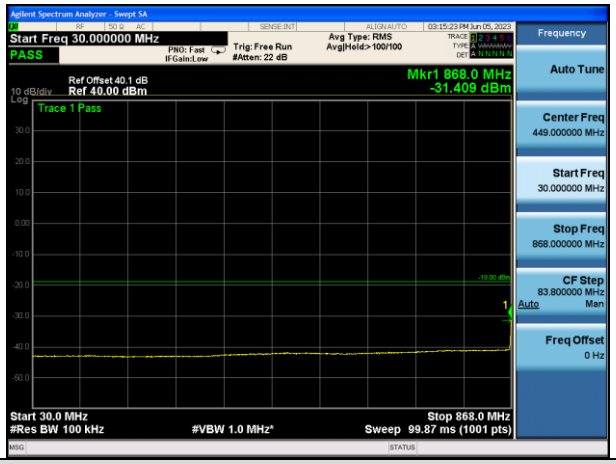
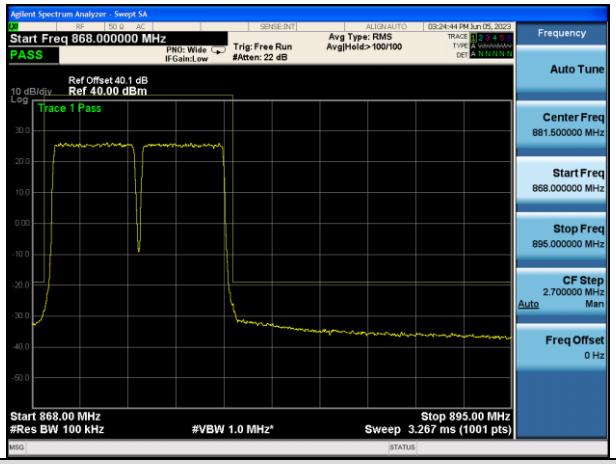
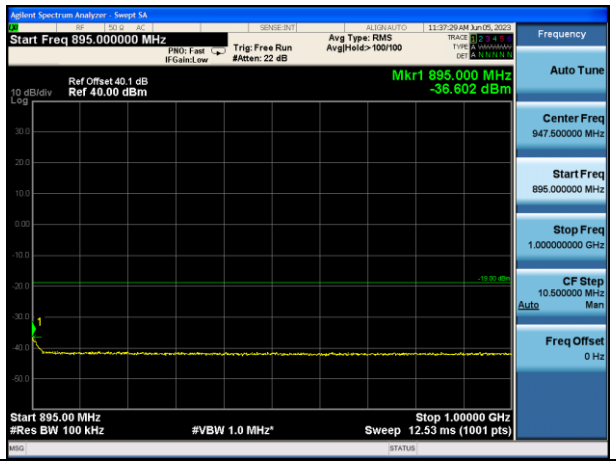
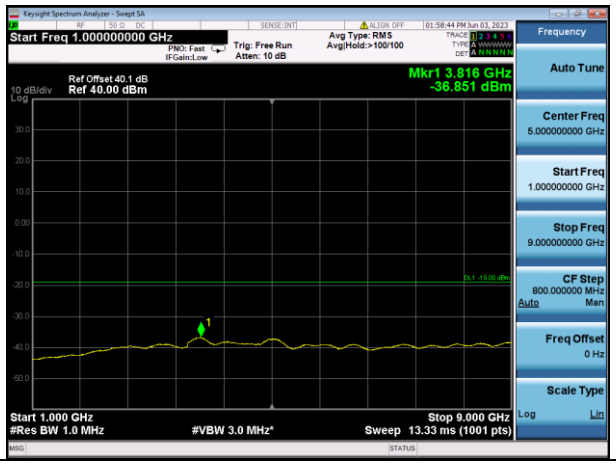
1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
1 LTE_20MHz_QPSK_T (TC09)	1 LTE_20MHz_QPSK_T (TC09)
	
1 LTE_20MHz_QPSK_T (TC09)	1 LTE_20MHz_QPSK_T (TC09)
	

Remark:

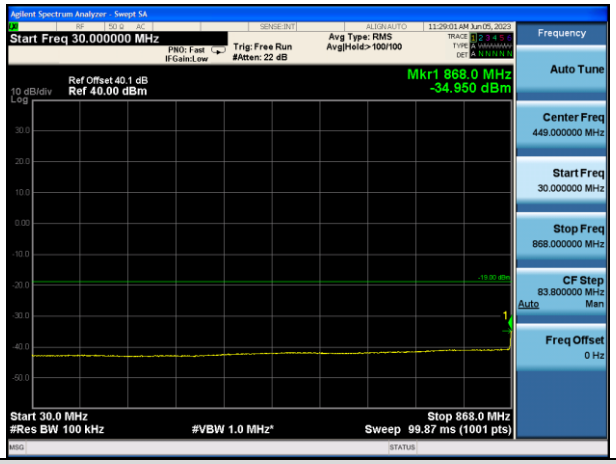
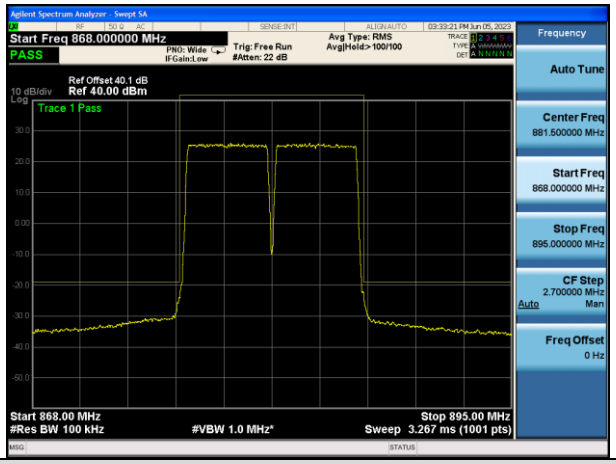
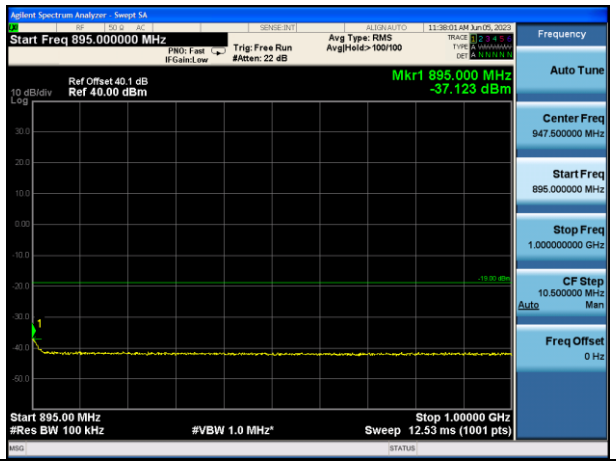
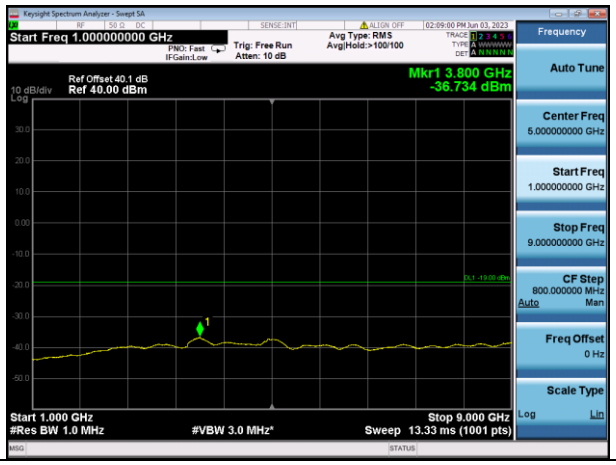
1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

No.198 Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075058 www.sgsgroup.com.cn
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

Spurious emissions at antenna terminals	
2 LTE_5+5MHz_QPSK_B (TC12)	2 LTE_5+5MHz_QPSK_B (TC12)
	
2 LTE_5+5MHz_QPSK_B (TC12)	2 LTE_5+5MHz_QPSK_B (TC12)
	

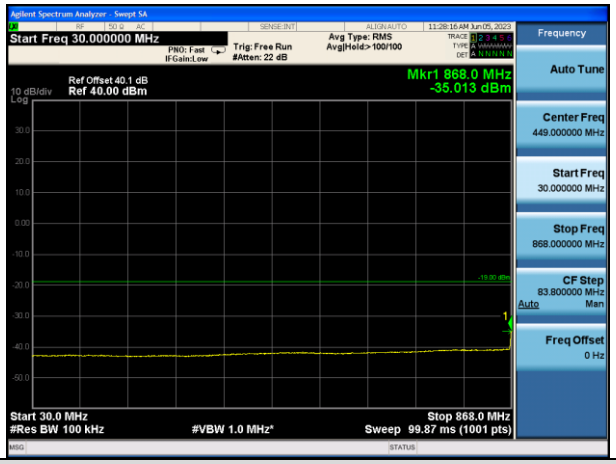
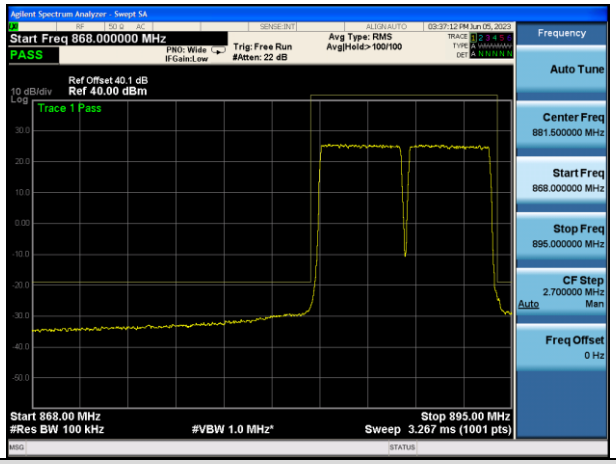
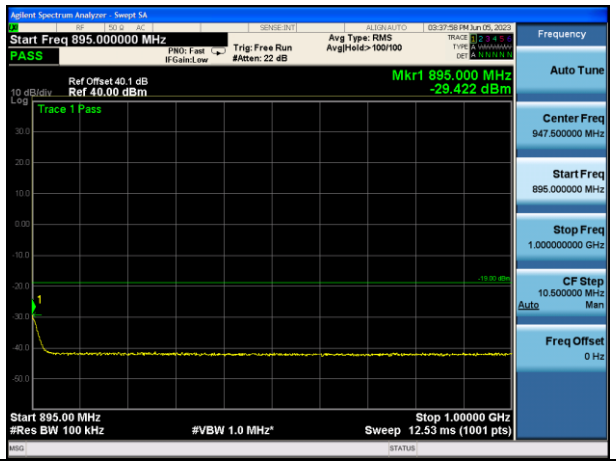
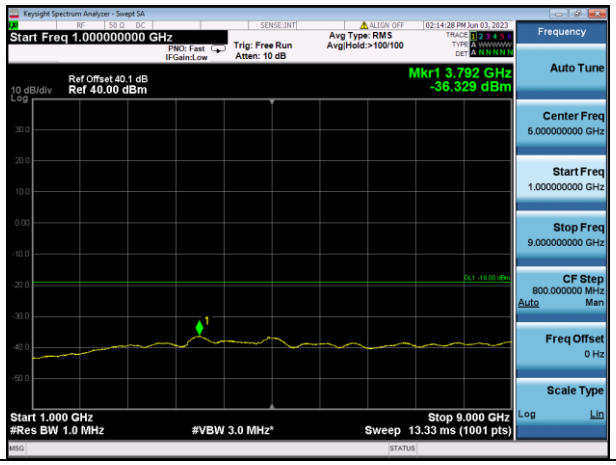
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
2 LTE_5+5MHz_QPSK_M (TC12)	2 LTE_5+5MHz_QPSK_M (TC12)
	
2 LTE_5+5MHz_QPSK_M (TC12)	2 LTE_5+5MHz_QPSK_M (TC12)
	

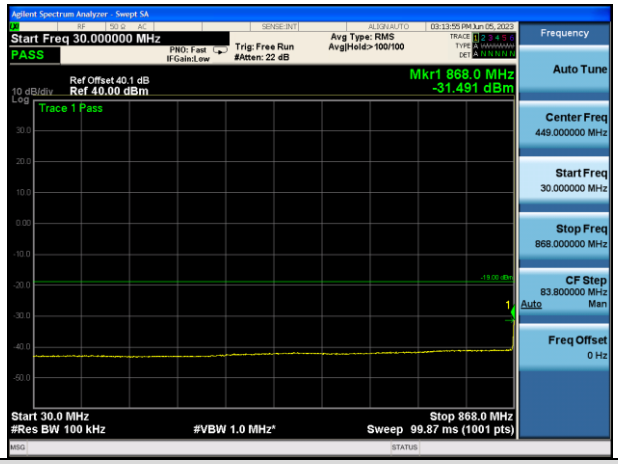
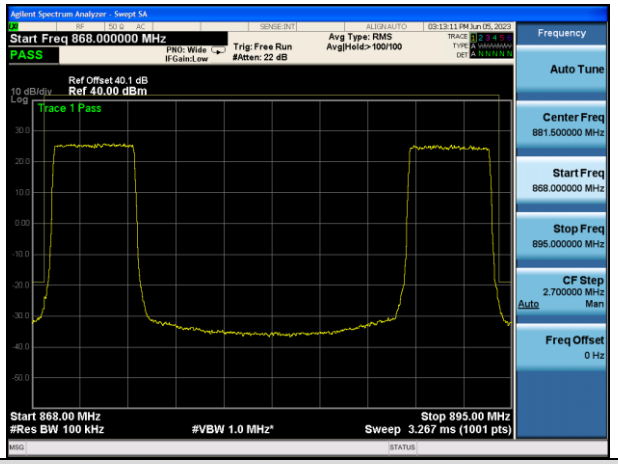
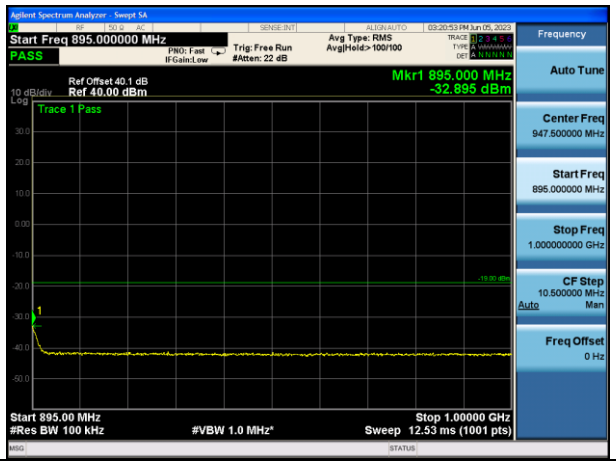
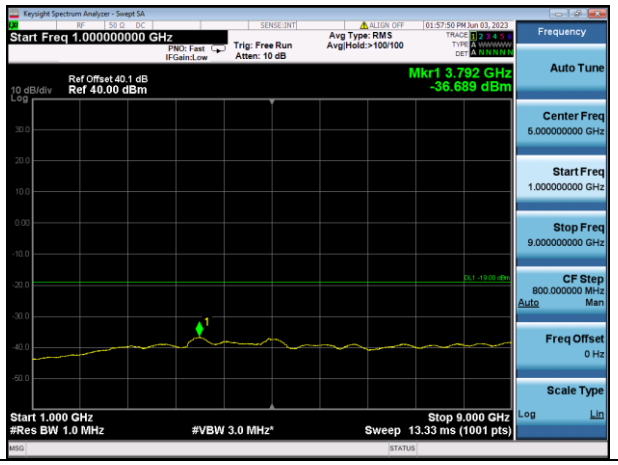
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
2 LTE_5+5MHz_QPSK_T (TC12)	2 LTE_5+5MHz_QPSK_T (TC12)
	
2 LTE_5+5MHz_QPSK_T (TC12)	2 LTE_5+5MHz_QPSK_T (TC12)
	

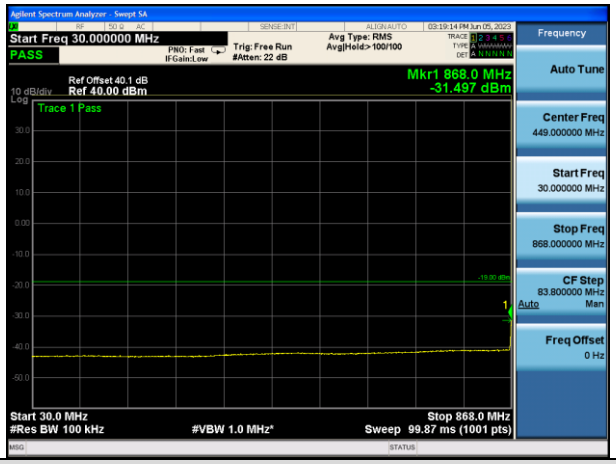
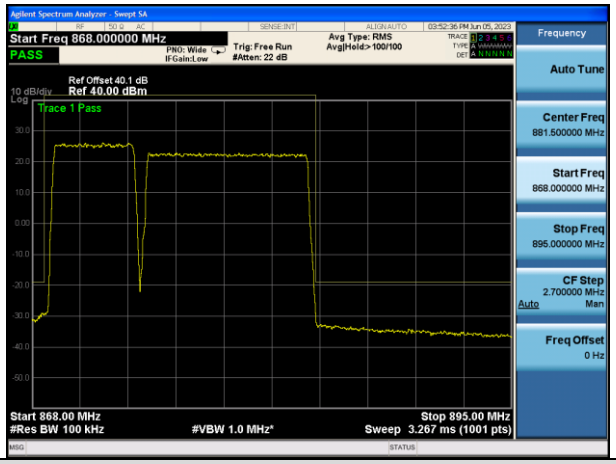
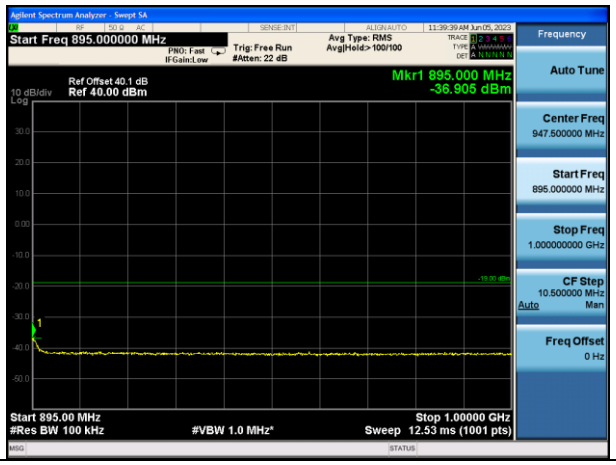
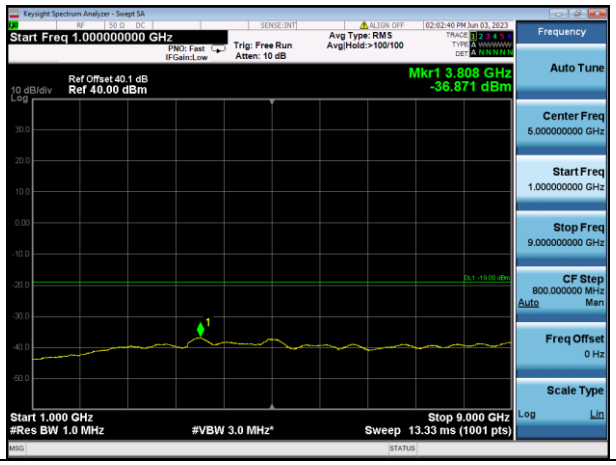
Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
2 LTE_5+5MHz_QPSK (TC15)	2 LTE_5+5MHz_QPSK (TC15)
	
2 LTE_5+5MHz_QPSK (TC15)	2 LTE_5+5MHz_QPSK (TC15)
	

Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.

Spurious emissions at antenna terminals	
2 LTE_5+10MHz_QPSK_B (TC18)	**2 LTE_5+10MHz_QPSK_B (TC18)**
	
2 LTE_5+10MHz_QPSK_B (TC18)	**2 LTE_5+10MHz_QPSK_B (TC18)**
	

Remark:

1. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB,
   P= 46dBm= 39.8W
   Limit= 46dBm- [43 + 10 log10 (39.8W)] dB= -13dBm
2. For 4×4 MIMO, ANT1 port was measured and the limit was showed -13dBm- 10lg(4)= -19dBm in order to determine the test result conveniently.
3. The spurious emissions 9kHz to 30MHz were very low and not displayed in this report.
4. All test configurations had been tested, only show the worst-case in this report.