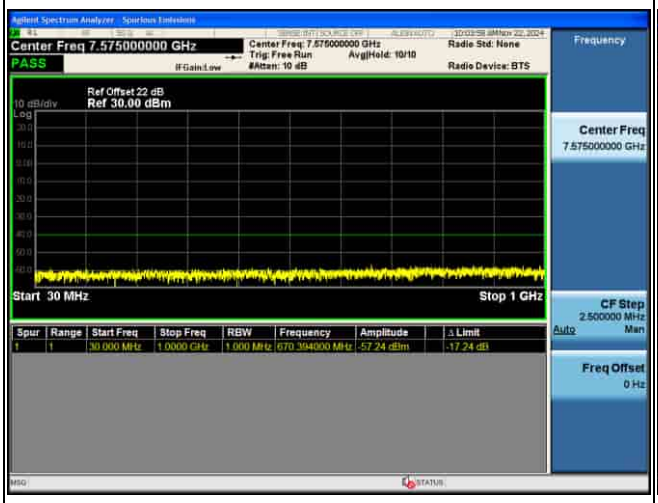
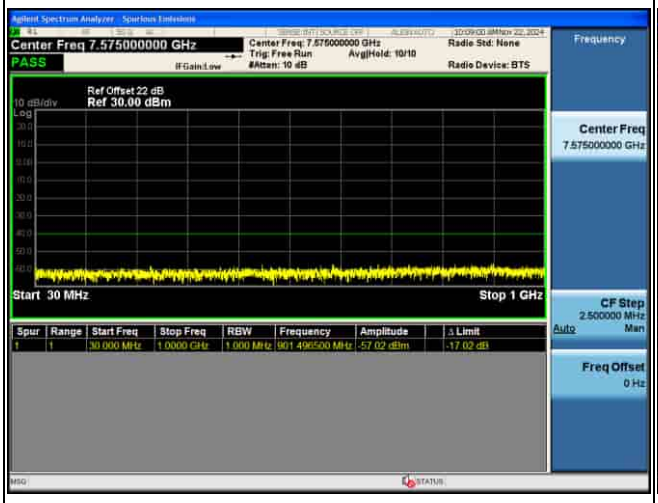
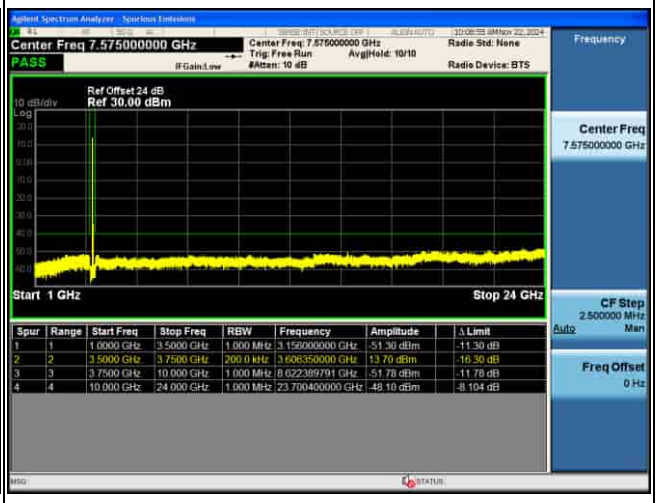
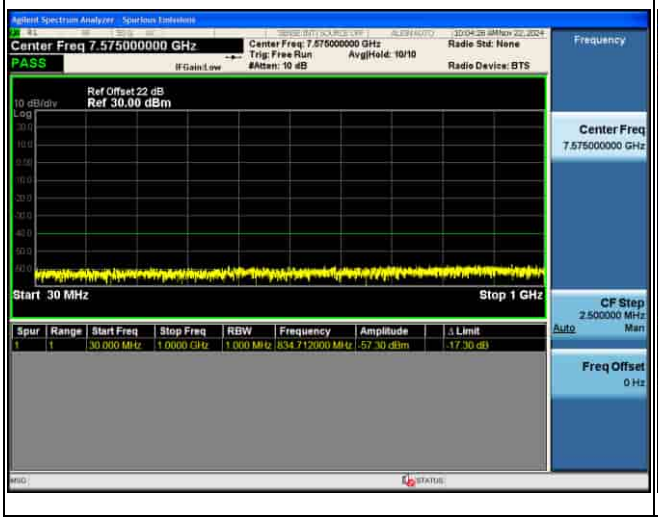
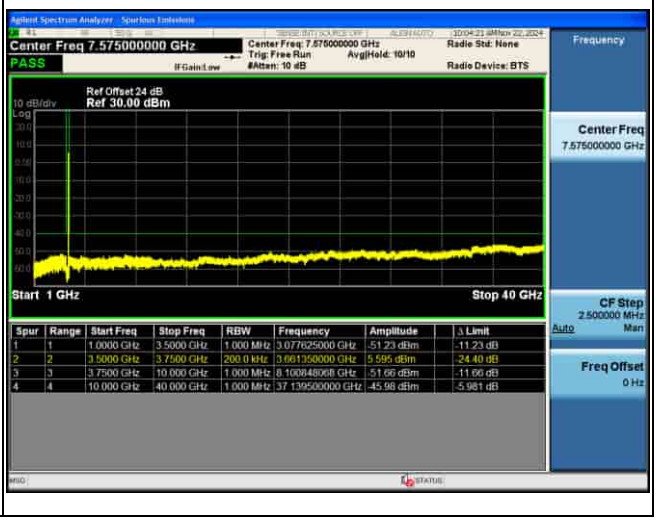
CSE_MIMO(ANT5)_n48_30KHz_256QAM_40M CH638000_1RB@1	CSE_MIMO(ANT5)_n48_30KHz_256QAM_40M CH638000_1RB@1_
	
CSE_MIMO(ANT5)_n48_30KHz_256QAM_40M CH641666_1RB@1	CSE_MIMO(ANT5)_n48_30KHz_256QAM_40M CH641666_1RB@1_
	
CSE_MIMO(ANT5)_n48_30KHz_256QAM_40M CH645332_1RB@1	CSE_MIMO(ANT5)_n48_30KHz_256QAM_40M CH645332_1RB@1_
	

A6. Radiated Spurious Emissions Test Result

A6.1 LTE Band 48 (Cover Band 43)

LTE Band48							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
Low, QPSK, CH55265 /3552.5MHz, Bandwidth 5MHz							
7105	H	-55.29	2.52	11.18	-46.63	-40	-6.63
10657.5	H	-65.89	2.01	11.10	-56.80	-40	-16.80
14210	H	-63.22	2.47	11.04	-54.65	-40	-14.65
7105	V	-56.22	2.52	11.18	-47.56	-40	-7.56
10657.5	V	-65.17	2.01	11.10	-56.08	-40	-16.08
14210	V	-63.48	2.47	11.04	-54.91	-40	-14.91
Mid, QPSK, CH55990 / 3625.0MHz, Bandwidth 5MHz							
7250	H	-56.09	1.85	10.96	-46.98	-40	-6.98
10875	H	-64.24	2.56	10.75	-56.05	-40	-16.05
14500	H	-63.46	2.65	10.90	-55.21	-40	-15.21
7250	V	-57.12	1.85	10.96	-48.01	-40	-8.01
10875	V	-59.54	2.56	10.75	-51.35	-40	-11.35
14500	V	-63.11	2.65	10.90	-54.86	-40	-14.86
High, QPSK, CH56715 / 3697.5MHz, Bandwidth 5MHz							
7395	H	-55.90	1.94	11.06	-46.78	-40	-6.78
11092.5	H	-65.96	2.58	11.01	-57.53	-40	-17.53
14790	H	-62.74	2.51	11.68	-53.57	-40	-13.57
7395	V	-57.65	1.94	11.06	-48.53	-40	-8.53
11092.5	V	-62.34	2.58	11.01	-53.91	-40	-13.91
14790	V	-63.21	2.51	11.68	-54.04	-40	-14.04

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

A6.2 NR n48

NR n48							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
Low, BPSK, CH637000 / 3555.0MHz, Bandwidth 10MHz							
7110.00	H	-56.97	2.51	11.16	-48.32	-40	-8.32
10665.00	H	-60.35	2.14	11.11	-51.38	-40	-11.38
14220.00	H	-65.04	2.39	11.04	-56.39	-40	-16.39
7110.00	V	-56.34	2.51	11.16	-47.69	-40	-7.69
10665.00	V	-62.08	2.14	11.11	-53.11	-40	-13.11
14220.00	V	-63.74	2.39	11.04	-55.09	-40	-15.09
Mid, BPSK, CH641666 / 3624.99MHz, Bandwidth 10MHz							
7249.98	H	-55.64	1.85	10.95	-46.54	-40	-6.54
10874.97	H	-60.54	2.55	10.75	-52.35	-40	-12.35
14499.96	H	-63.97	2.65	10.90	-55.72	-40	-15.72
7249.98	V	-56.22	1.85	10.95	-47.12	-40	-7.12
10874.97	V	-54.25	2.55	10.75	-46.06	-40	-6.06
14499.96	V	-63.44	2.65	10.90	-55.19	-40	-15.19
High, BPSK, CH646332 / 3694.98MHz, Bandwidth 10MHz							
7389.96	H	-56.27	1.93	11.05	-47.15	-40	-7.15
11084.94	H	-62.03	2.55	10.99	-53.59	-40	-13.59
14779.92	H	-65.03	2.49	11.64	-55.88	-40	-15.88
7389.96	V	-57.70	1.93	11.05	-48.58	-40	-8.58
11084.94	V	-54.79	2.55	10.99	-46.35	-40	-6.35
14779.92	V	-65.04	2.49	11.64	-55.89	-40	-15.89

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

A6.3 NR n48_MIMO

NR n48 MIMO (Ant6+Ant5)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
Low, BPSK, CH637000 / 3555.0MHz, Bandwidth 10MHz							
7110.00	H	-55.45	2.51	11.16	-46.80	-40	-6.80
10665.00	H	-63.45	2.14	11.11	-54.48	-40	-14.48
14220.00	H	-65.58	2.39	11.04	-56.93	-40	-16.93
7110.00	V	-56.51	2.51	11.16	-47.86	-40	-7.86
10665.00	V	-55.03	2.14	11.11	-46.06	-40	-6.06
14220.00	V	-64.69	2.39	11.04	-56.04	-40	-16.04
Mid, BPSK, CH641666 / 3624.99MHz, Bandwidth 10MHz							
7249.98	H	-55.76	1.85	10.95	-46.66	-40	-6.66
10874.97	H	-65.32	2.55	10.75	-57.13	-40	-17.13
14499.96	H	-63.56	2.65	10.90	-55.31	-40	-15.31
7249.98	V	-55.82	1.85	10.95	-46.72	-40	-6.72
10874.97	V	-55.18	2.55	10.75	-46.99	-40	-6.99
14499.96	V	-63.36	2.65	10.90	-55.11	-40	-15.11
High, BPSK, CH646332 / 3694.98MHz, Bandwidth 10MHz							
7389.96	H	-55.55	1.93	11.05	-46.43	-40	-6.43
11084.94	H	-66.72	2.55	10.99	-58.28	-40	-18.28
14779.92	H	-65.35	2.49	11.64	-56.20	-40	-16.20
7389.96	V	-57.46	1.93	11.05	-48.34	-40	-8.34
11084.94	V	-55.08	2.55	10.99	-46.64	-40	-6.64
14779.92	V	-64.78	2.49	11.64	-55.63	-40	-15.63

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

A6.4 NR n48 30KHz For Spot Check Data_SN_24295D8034

NR n48_SN_24295D8034							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
Mid, BPSK, CH641666 / 3624.99MHz, Bandwidth 10MHz							
7249.98	H	-56.08	1.85	10.95	-46.98	-40	-6.98
10874.97	H	-63.52	2.55	10.75	-55.33	-40	-15.33
14499.96	H	-63.27	2.65	10.90	-55.02	-40	-15.02
7249.98	V	-56.67	1.85	10.95	-47.57	-40	-7.57
10874.97	V	-63.29	2.55	10.75	-55.10	-40	-15.10
14499.96	V	-63.29	2.65	10.90	-55.04	-40	-15.04

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

A6.5 NR n48 30KHz For Spot Check Data_SN_24296D82F9

NR n48_SN_24296D82F9							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
Mid, BPSK, CH641666 / 3624.99MHz, Bandwidth 10MHz							
7249.98	H	-56.49	1.85	10.95	-47.39	-40	-7.39
10874.97	H	-61.02	2.55	10.75	-52.83	-40	-12.83
14499.96	H	-63.77	2.65	10.90	-55.52	-40	-15.52
7249.98	V	-56.55	1.85	10.95	-47.45	-40	-7.45
10874.97	V	-63.24	2.55	10.75	-55.05	-40	-15.05
14499.96	V	-62.70	2.65	10.90	-54.45	-40	-14.45

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

A6.6 ENDC_ LTE_B48 (Ant5) + NR_n66 (Ant1) SCS 15KHz

ENDC_ LTE_B48 (Ant5) + NR_n66 (Ant1) SCS 15KHz							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
LTE_QPSK, CH55990 / 3625.0MHz + NR_DFT-s-OFDM BPSK, CH349000 / 1745.0MHz							
3490	H	-63.62	1.35	12.17	-52.79	-40	-12.79
5235	H	-61.92	1.74	12.77	-50.88	-40	-10.88
6980	H	-56.78	1.76	11.71	-46.82	-40	-6.82
7250	H	-66.86	1.85	10.96	-57.75	-40	-17.75
10875	H	-54.22	2.56	10.75	-46.03	-40	-6.03
14500	H	-64.69	2.65	10.90	-56.44	-40	-16.44
3490	V	-64.29	1.35	12.17	-53.46	-40	-13.46
5235	V	-61.88	1.74	12.77	-50.84	-40	-10.84
6980	V	-56.59	1.76	11.71	-46.63	-40	-6.63
7250	V	-66.85	1.85	10.96	-57.74	-40	-17.74
10875	V	-54.86	2.56	10.75	-46.67	-40	-6.67
14500	V	-63.49	2.65	10.90	-55.24	-40	-15.24

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

A6.7 ENDC_ LTE_B48 (Ant5) + NR_n66 (Ant1) SCS 15KHz_SN_24295D8034

ENDC_ LTE_B48 (Ant5) + NR_n66 (Ant1) SCS 15KHz_SN_24295D8034							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
LTE_QPSK, CH55990 / 3625.0MHz + NR_DFT-s-OFDM BPSK, CH349000 / 1745.0MHz							
3490	H	-63.73	1.35	12.17	-52.90	-40	-12.90
5235	H	-62.02	1.74	12.77	-50.98	-40	-10.98
6980	H	-56.09	1.76	11.71	-46.13	-40	-6.13
7250	H	-63.58	1.85	10.96	-54.47	-40	-14.47
10875	H	-14.55	2.56	10.75	-46.36	-40	-6.36
14500	H	-20.98	2.65	10.90	-52.73	-40	-12.73
3490	V	-64.68	1.35	12.17	-53.85	-40	-13.85
5235	V	-61.90	1.74	12.77	-50.86	-40	-10.86
6980	V	-56.34	1.76	11.71	-46.38	-40	-6.38
7250	V	-63.25	1.85	10.96	-54.14	-40	-14.14
10875	V	-54.38	2.56	10.75	-46.19	-40	-6.19
14500	V	-60.24	2.65	10.90	-51.99	-40	-11.99

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

A6.8 ENDC_ LTE_B48 (Ant5) + NR_n66 (Ant1) SCS 15KHz_SN_24296D82F9

ENDC_ LTE_B48 (Ant5) + NR_n66 (Ant1) SCS 15KHz_SN_24296D82F9							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
LTE_QPSK, CH55990 / 3625.0MHz + NR_DFT-s-OFDM BPSK, CH349000 / 1745.0MHz							
3490	H	-63.59	1.35	12.17	-52.76	-40	-12.76
5235	H	-62.18	1.74	12.77	-51.14	-40	-11.14
6980	H	-56.86	1.76	11.71	-46.90	-40	-6.90
7250	H	-55.36	1.85	10.96	-46.25	-40	-6.25
10875	H	-63.66	2.56	10.75	-55.47	-40	-15.47
14500	H	-62.34	2.65	10.90	-54.09	-40	-14.09
3490	V	-64.53	1.35	12.17	-53.70	-40	-13.70
5235	V	-62.14	1.74	12.77	-51.10	-40	-11.10
6980	V	-56.98	1.76	11.71	-47.02	-40	-7.02
7250	V	-63.18	1.85	10.96	-54.07	-40	-14.07
10875	V	-54.40	2.56	10.75	-46.21	-40	-6.21
14500	V	-60.07	2.65	10.90	-51.82	-40	-11.82

Note:

1. Spurious emissions within 9KHz-1GHz & Other harmonic were found more than 20dB below limit line.
2. EIRP or ERP (dBm) = SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBi)

Appendix B : Test Photograph

Refer to “2408TW0104-UT” file.

Appendix C : External Photograph

Refer to “2408TW0104-UE” file.

Appendix D : Internal Photograph

Refer to “2408TW0104-UI” file.

The End