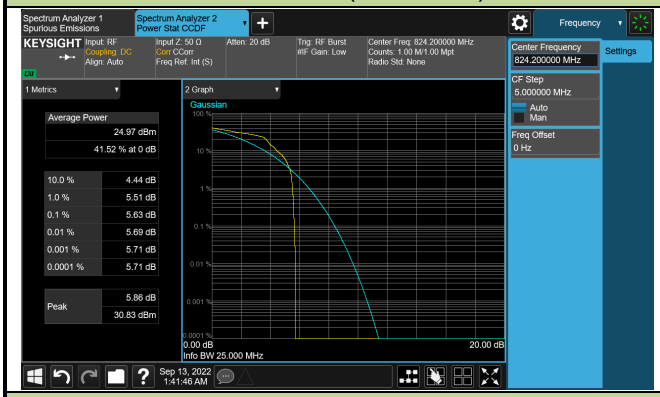
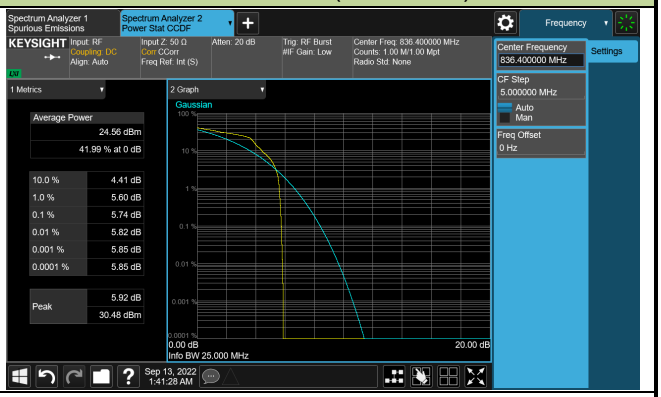
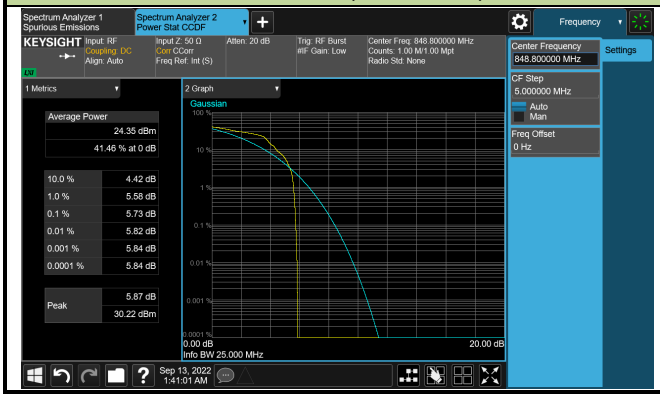
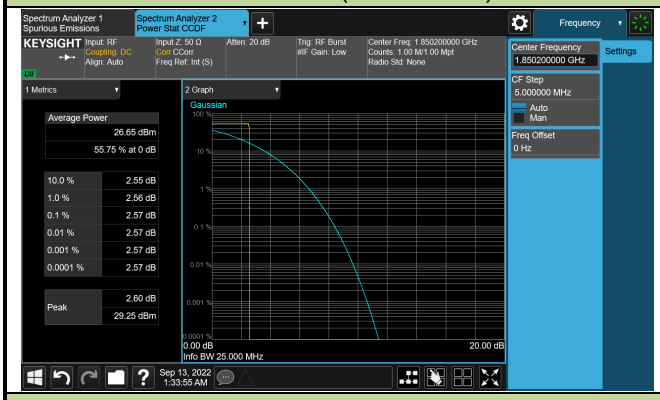
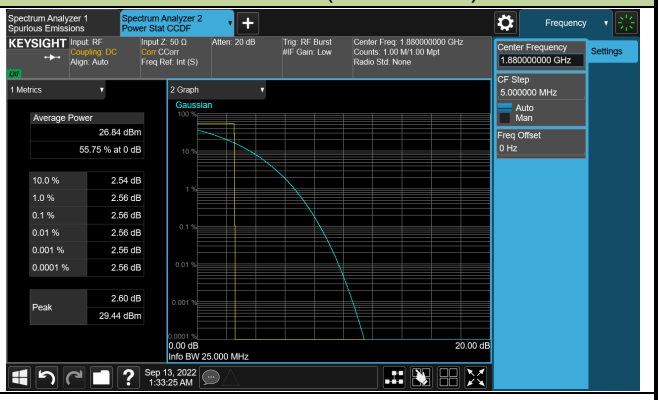
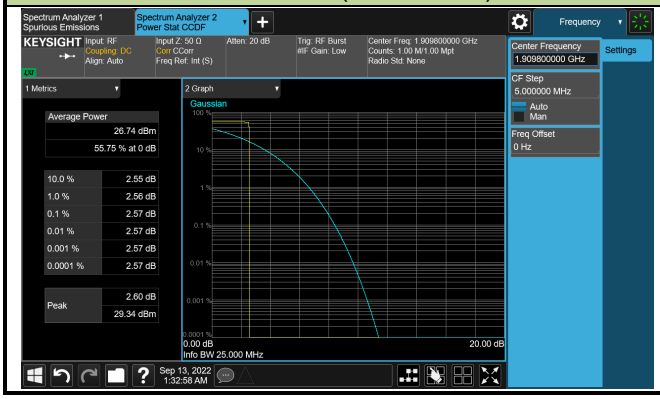
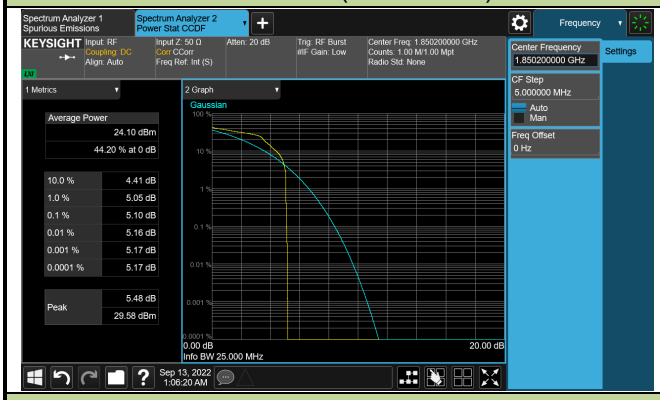
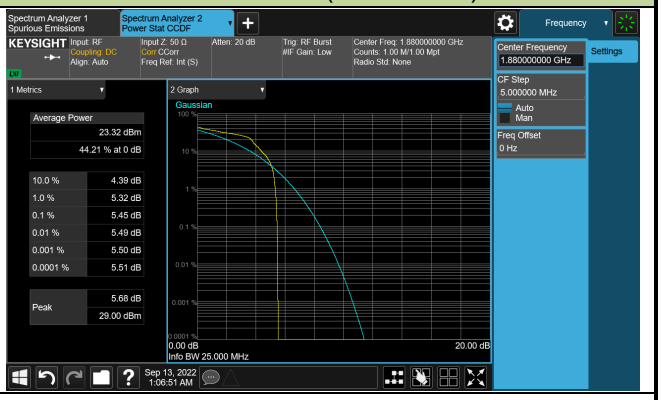
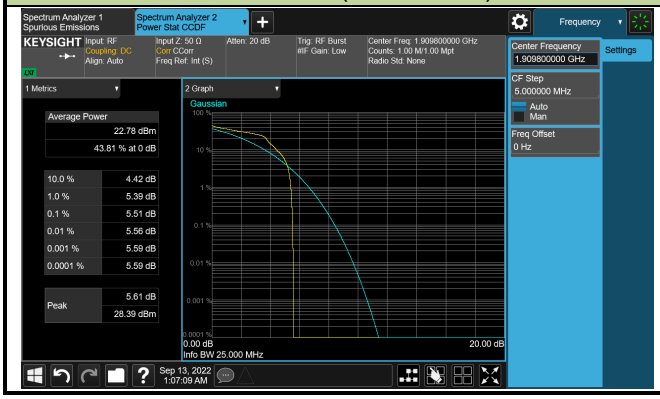
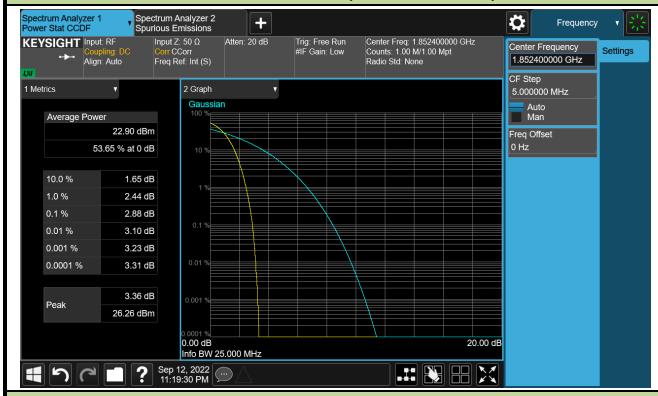
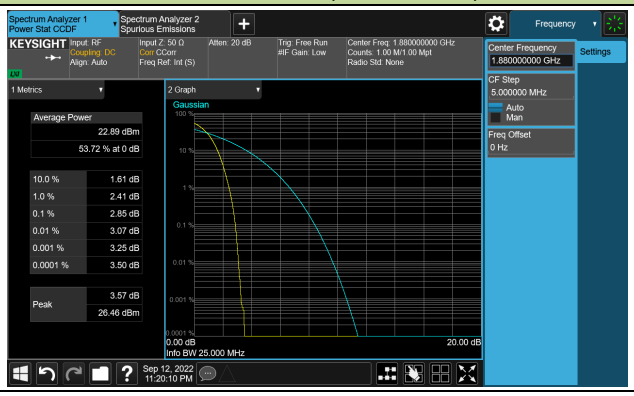
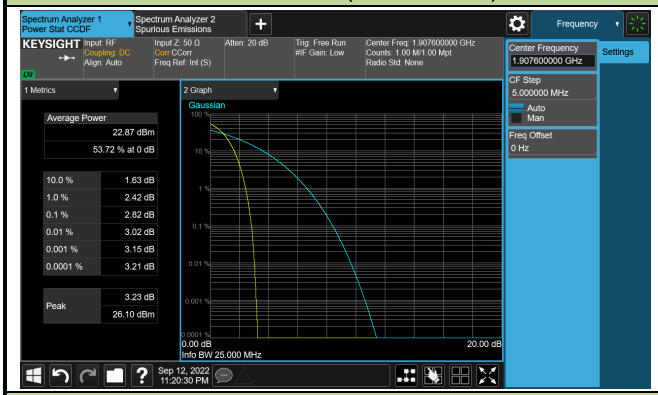
GSM 850_EGPRS	
Channel 128 (824.2MHz)	Channel 189 (836.4MHz)
	
Channel 254 (848.8MHz)	
	

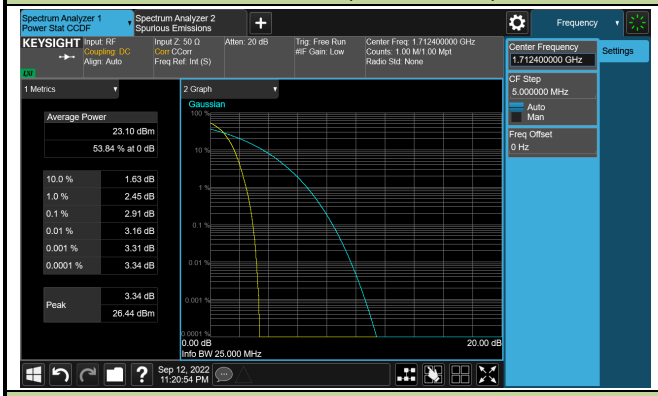
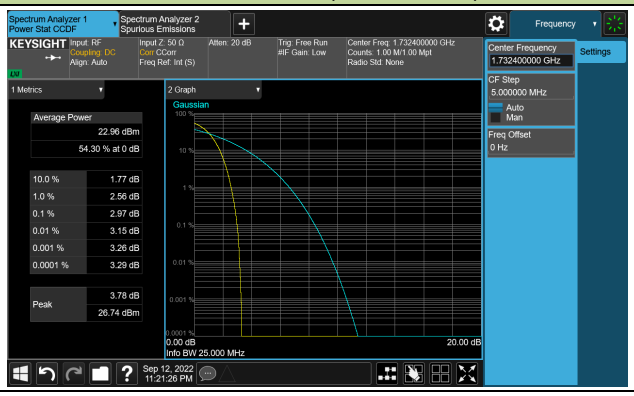
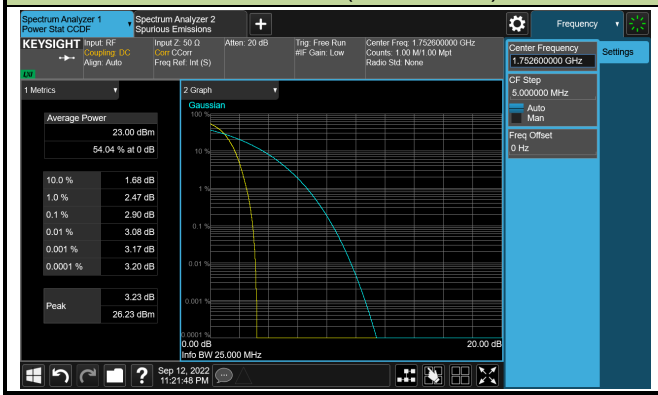
PCS 1900_GPRS	
Channel 512 (1850.2MHz)	Channel 661 (1880.0MHz)
	
Channel 810 (1909.8MHz)	
	

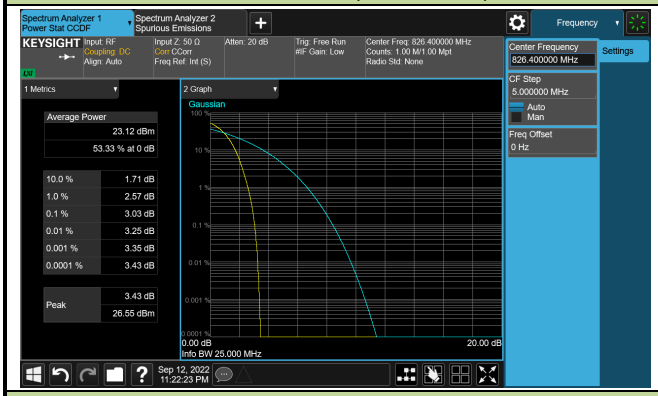
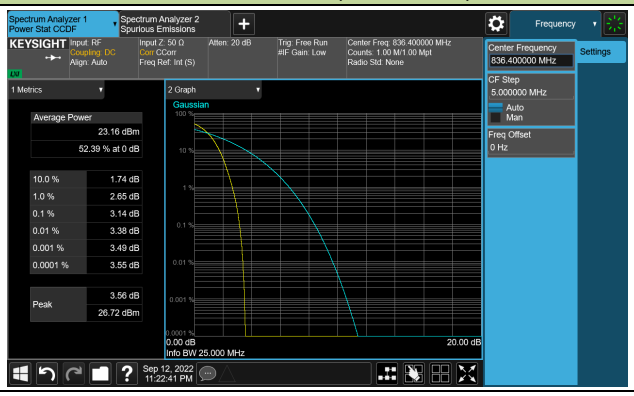
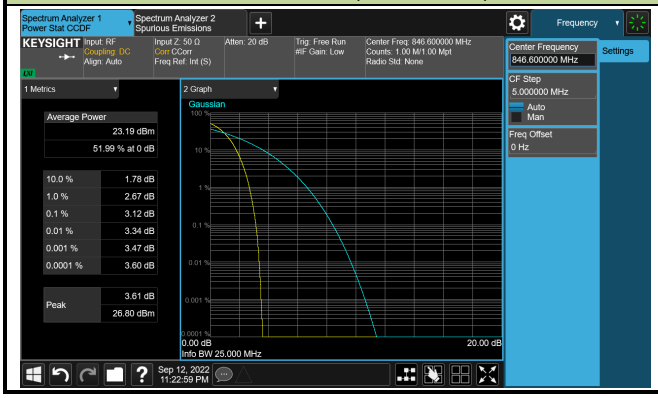
PCS 1900_EGPRS	
Channel 512 (1850.2MHz)	Channel 661 (1880.0MHz)
	
Channel 810 (1909.8MHz)	
	

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/12	Test Band	WCDMA Band II, IV, V

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
1852.5	5	2.88	≤ 13.00	Pass
1880.0	5	2.85	≤ 13.00	Pass
1907.6	5	2.82	≤ 13.00	Pass
1712.4	5	2.91	≤ 13.00	Pass
1732.4	5	2.97	≤ 13.00	Pass
1752.6	5	2.90	≤ 13.00	Pass
826.4	5	3.03	≤ 13.00	Pass
836.4	5	3.14	≤ 13.00	Pass
846.6	5	3.12	≤ 13.00	Pass

WCDMA Band II	
Channel 9262 (1852.4MHz)	Channel 9400 (1880.0MHz)
	
Channel 9538 (1907.6MHz)	
	

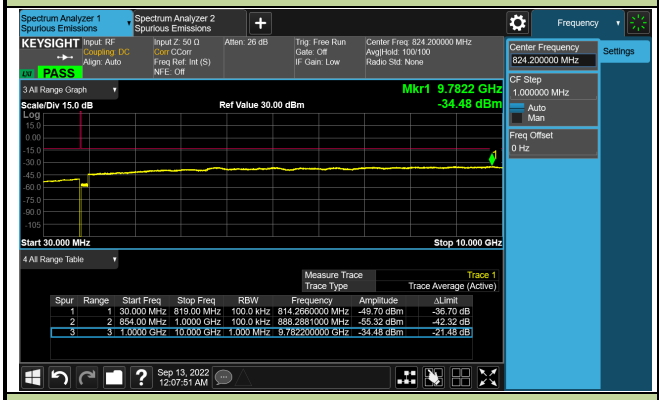
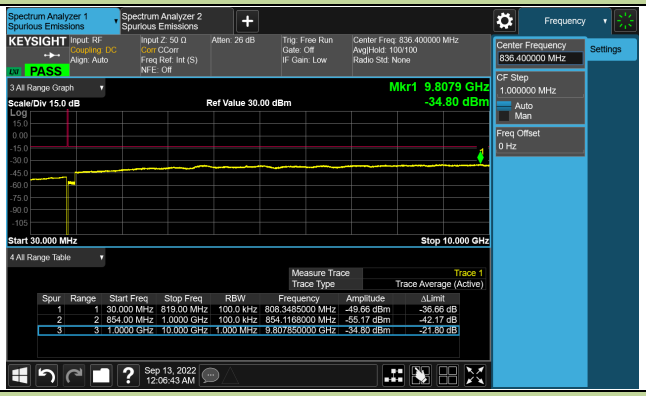
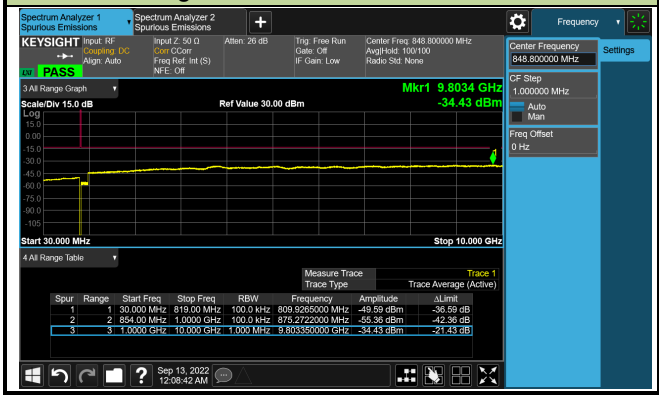
WCDMA Band IV	
Channel 1312 (1712.4MHz)	Channel 1412 (1732.4MHz)
	
Channel 1513 (1752.6MHz)	
	

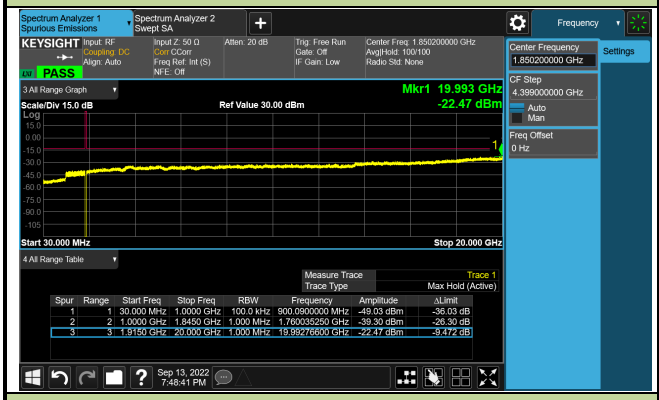
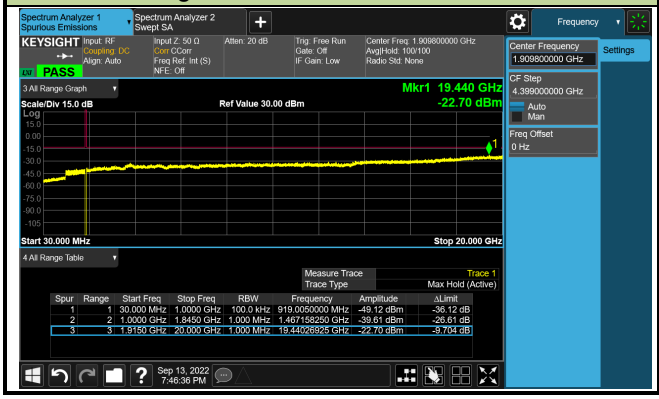
WCDMA Band V	
Channel 4132 (826.4MHz)	Channel 4183 (836.4MHz)
	
Channel 4233 (846.6MHz)	
	

A.6 Conducted Spurious Emissions Test Result

Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022/09/13	Test Band	GSM 850, PCS 1900

Mode	Frequency (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
GSM 850 GPRS	824.2	30 ~ 10000	-34.48	≤ -13.00	Pass
	836.4	30 ~ 10000	-34.80	≤ -13.00	Pass
	848.8	30 ~ 10000	-34.43	≤ -13.00	Pass
PCS 1900 GPRS	1850.2	30 ~ 20000	-22.47	≤ -13.00	Pass
	1880.0	30 ~ 20000	-22.88	≤ -13.00	Pass
	1909.8	30 ~ 20000	-22.70	≤ -13.00	Pass

GSM 850_GPRS	
Low Channel 30 ~ 10000MHz	Middle Channel 30 ~ 10000MHz
	
High Channel 30 ~ 10000MHz	
	

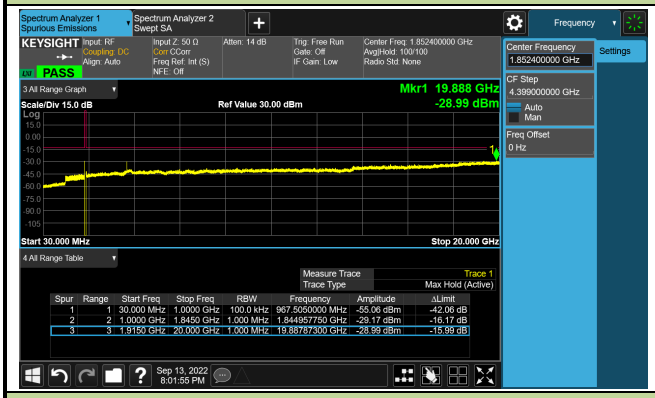
PCS 1900_GPRS	
Low Channel 30 ~ 20000MHz	Middle Channel 30 ~ 20000MHz
	
High Channel 30 ~ 20000MHz	
	

Test Site	SIP-SR1	Test Engineer	Allen Zou
Test Date	2022/09/13	Test Band	WCDMA Band II, IV, V

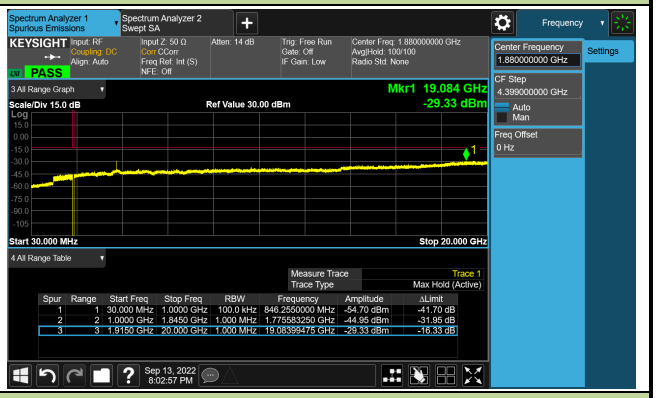
Mode	Frequency (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
WCDMA Band II	1852.4	30 ~ 20000	-28.99	≤ -13.00	Pass
	1880.0	30 ~ 20000	-29.33	≤ -13.00	Pass
	1907.6	30 ~ 20000	-29.23	≤ -13.00	Pass
WCDMA Band IV	1712.4	30 ~ 20000	-25.44	≤ -13.00	Pass
	1732.4	30 ~ 20000	-28.96	≤ -13.00	Pass
	1752.6	30 ~ 20000	-24.37	≤ -13.00	Pass
WCDMA Band V	826.4	30 ~ 10000	-38.17	≤ -13.00	Pass
	836.4	30 ~ 10000	-37.39	≤ -13.00	Pass
	846.6	30 ~ 10000	-36.22	≤ -13.00	Pass

WCDMA Band II

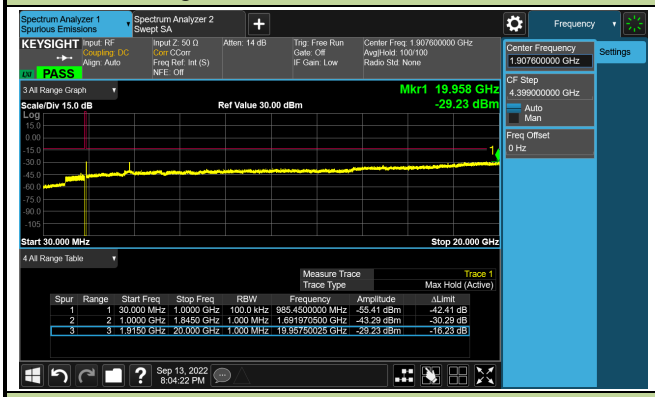
Low Channel 30 ~ 20000MHz



Middle Channel 30 ~ 20000MHz



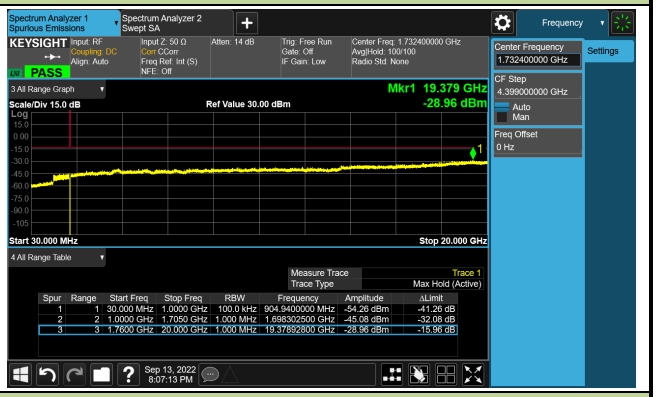
High Channel 30 ~ 20000MHz



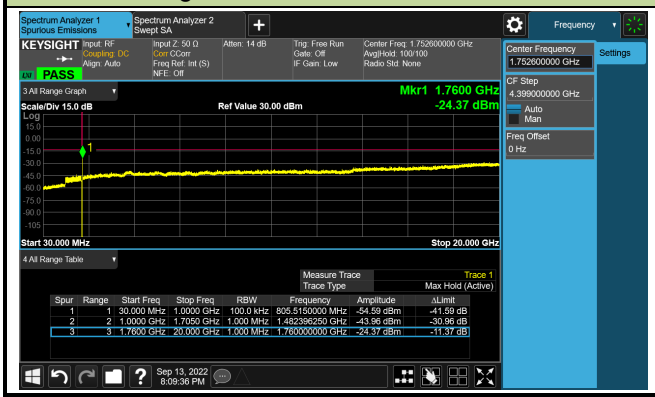
WCDMA Band IV

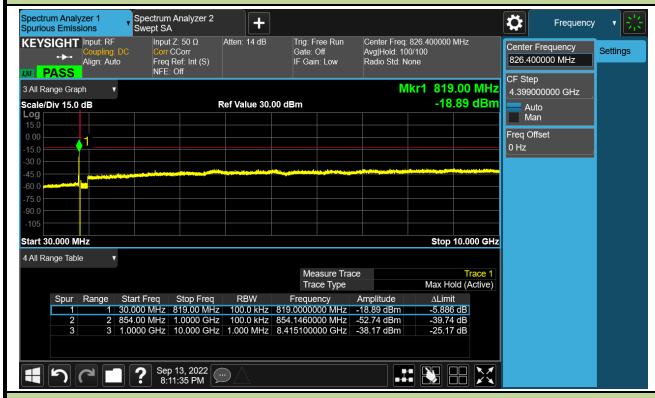
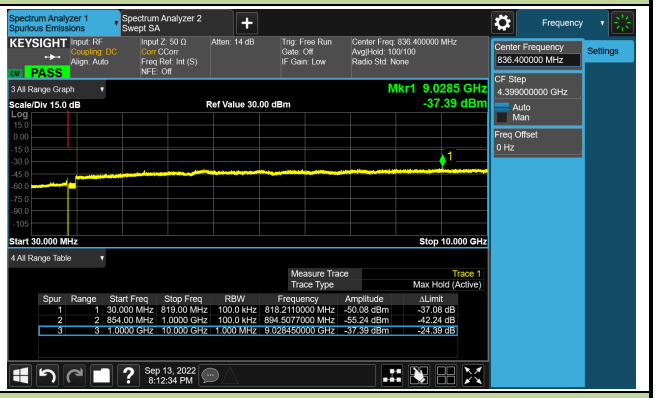
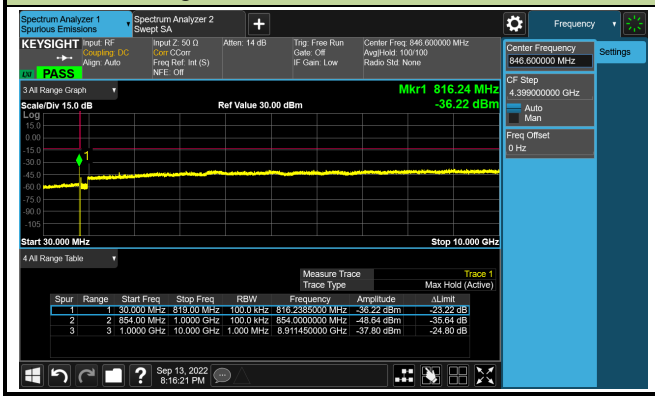
Low Channel 30 ~ 20000MHz

Middle Channel 30 ~ 20000MHz



High Channel 30 ~ 20000MHz



WCDMA Band V	
Low Channel 30 ~ 20000MHz	Middle Channel 30 ~ 20000MHz
	
High Channel 30 ~ 20000MHz	
	

A.7 Radiated Spurious Emissions Test Result

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2022/09/14 ~ 2022/09/15	Test Band	GSM 850_GPRS

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
194.9	7.1	15.6	22.7	82.3	-59.6	Peak	Horizontal
876.3	8.4	29.6	38.0	82.3	-44.3	Peak	Horizontal
47.5	7.4	18.7	26.1	82.3	-56.2	Peak	Vertical
135.7	18.9	17.7	36.6	82.3	-45.7	Peak	Vertical
1646.0	46.5	-6.3	40.2	82.3	-42.1	Peak	Horizontal
2470.5	66.7	-2.9	63.8	82.3	-18.5	Peak	Horizontal
1646.0	45.4	-6.3	39.1	82.3	-43.2	Peak	Vertical
2470.5	68.2	-2.9	65.3	82.3	-17.0	Peak	Vertical
Middle Channel							
194.9	5.9	15.6	21.5	82.3	-60.8	Peak	Horizontal
876.3	7.7	29.6	37.3	82.3	-45.0	Peak	Horizontal
47.0	6.3	18.7	25.0	82.3	-57.3	Peak	Vertical
135.7	9.6	17.7	27.3	82.3	-55.0	Peak	Vertical
1671.5	46.7	-6.3	40.4	82.3	-41.9	Peak	Horizontal
2513.0	72.0	-2.8	69.2	82.3	-13.1	Peak	Horizontal
2513.0	71.4	-2.8	68.6	82.3	-13.7	Peak	Vertical
3346.0	41.5	-0.9	40.6	82.3	-41.7	Peak	Vertical
High Channel							
194.9	8.0	15.6	23.6	82.3	-58.7	Peak	Horizontal
893.8	7.8	30.0	37.8	82.3	-44.5	Peak	Horizontal
47.0	4.9	18.7	23.6	82.3	-58.7	Peak	Vertical
135.7	10.9	17.7	28.6	82.3	-53.7	Peak	Horizontal
1697.0	49.0	-6.3	42.7	82.3	-39.6	Peak	Horizontal
2547.0	67.8	-2.7	65.1	82.3	-17.2	Peak	Vertical
2547.0	71.3	-2.7	68.6	82.3	-13.7	Peak	Vertical
3397.0	41.6	-0.7	40.9	82.3	-41.4	Peak	Horizontal
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2022/09/14 ~ 2022/09/15	Test Band	PCS 1900_GPRS

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
135.7	10.8	17.7	28.5	82.3	-53.8	Peak	Horizontal
194.9	6.8	15.6	22.4	82.3	-59.9	Peak	Horizontal
47.5	12.7	18.7	31.4	82.3	-50.9	Peak	Vertical
194.9	5.7	15.6	21.3	82.3	-61.0	Peak	Vertical
10460.5	37.6	13.3	50.9	82.3	-31.4	Peak	Horizontal
17915.0	38.4	20.1	58.5	82.3	-23.8	Peak	Horizontal
5556.0	43.8	4.3	48.1	82.3	-34.2	Peak	Vertical
7409.0	40.8	8.7	49.5	82.3	-32.8	Peak	Vertical
Middle Channel							
135.7	16.6	17.7	34.3	82.3	-48.0	Peak	Horizontal
194.9	11.0	15.6	26.6	82.3	-55.7	Peak	Horizontal
39.7	10.7	18.1	28.8	82.3	-53.5	Peak	Vertical
47.0	11.3	18.7	30.0	82.3	-52.3	Peak	Vertical
3762.5	41.5	0.5	42.0	82.3	-40.3	Peak	Horizontal
5641.0	39.6	4.3	43.9	82.3	-38.4	Peak	Horizontal
3762.5	44.2	0.5	44.7	82.3	-37.6	Peak	Vertical
5641.0	39.6	4.3	43.9	82.3	-38.4	Peak	Vertical
High Channel							
194.9	12.2	15.6	27.8	82.3	-54.5	Peak	Horizontal
592.6	1.1	25.8	26.9	82.3	-55.4	Peak	Horizontal
47.5	10.7	18.7	29.4	82.3	-52.9	Peak	Vertical
135.7	12.3	17.7	30.0	82.3	-52.3	Peak	Vertical
7995.5	39.2	9.1	48.3	82.3	-34.0	Peak	Horizontal
11166.0	38.0	13.3	51.3	82.3	-31.0	Peak	Horizontal
3813.5	42.8	0.7	43.5	82.3	-38.8	Peak	Vertical
7188.0	37.9	8.5	46.4	82.3	-35.9	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2022/09/14 ~ 2022/09/15	Test Band	WCDMA Band II

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
106.6	14.4	14.4	28.8	82.3	-53.5	Peak	Horizontal
148.3	7.3	18.0	25.3	82.3	-57.0	Peak	Horizontal
39.2	17.5	17.5	35.0	82.3	-47.3	Peak	Vertical
54.3	13.3	17.7	31.0	82.3	-51.3	Peak	Vertical
14064.5	46.8	2.2	49.0	82.3	-33.3	Peak	Horizontal
15594.5	45.5	4.2	49.7	82.3	-32.6	Peak	Horizontal
10214.0	46.7	-2.6	44.1	82.3	-38.2	Peak	Vertical
13954.0	46.8	1.9	48.7	82.3	-33.6	Peak	Vertical
Middle Channel							
93.1	12.4	12.3	24.7	82.3	-57.6	Peak	Horizontal
107.1	14.4	14.5	28.9	82.3	-53.4	Peak	Horizontal
39.7	17.8	17.6	35.4	82.3	-46.9	Peak	Vertical
53.8	12.9	17.7	30.6	82.3	-51.7	Peak	Vertical
14005.0	46.8	2.1	48.9	82.3	-33.4	Peak	Horizontal
16725.0	44.9	5.6	50.5	82.3	-31.8	Peak	Horizontal
14073.0	46.4	2.1	48.5	82.3	-33.8	Peak	Vertical
16657.0	46.1	5.4	51.5	82.3	-30.8	Peak	Vertical
High Channel							
107.1	16.4	14.5	30.9	82.3	-51.4	Peak	Horizontal
148.3	6.9	18.0	24.9	82.3	-57.4	Peak	Horizontal
39.7	17.7	17.6	35.3	82.3	-47.0	Peak	Vertical
53.8	12.5	17.7	30.2	82.3	-52.1	Peak	Vertical
14005.0	46.4	2.1	48.5	82.3	-33.8	Peak	Horizontal
15356.5	45.2	4.2	49.4	82.3	-32.9	Peak	Horizontal
14056.0	46.4	2.2	48.6	82.3	-33.7	Peak	Vertical
16062.0	45.3	4.4	49.7	82.3	-32.6	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2022/09/14 ~ 2022/09/15	Test Band	WCDMA Band IV

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
93.5	12.4	12.3	24.7	82.3	-57.6	Peak	Horizontal
106.6	15.7	14.4	30.1	82.3	-52.2	Peak	Horizontal
39.7	17.7	17.6	35.3	82.3	-47.0	Peak	Vertical
586.3	6.2	25.2	31.4	82.3	-50.9	Peak	Vertical
8369.5	47.9	-3.9	44.0	82.3	-38.3	Peak	Horizontal
14039.0	47.1	2.1	49.2	82.3	-33.1	Peak	Horizontal
9508.5	45.6	-3.1	42.5	82.3	-39.8	Peak	Vertical
14030.5	46.8	2.0	48.8	82.3	-33.5	Peak	Vertical
Middle Channel							
107.1	16.0	14.5	30.5	82.3	-51.8	Peak	Horizontal
626.1	5.7	25.8	31.5	82.3	-50.8	Peak	Horizontal
39.2	17.5	17.5	35.0	82.3	-47.3	Peak	Vertical
54.3	13.1	17.7	30.8	82.3	-51.5	Peak	Vertical
10945.0	47.0	-2.4	44.6	82.3	-37.7	Peak	Horizontal
13954.0	46.4	1.9	48.3	82.3	-34.0	Peak	Horizontal
8616.0	47.2	-3.3	43.9	82.3	-38.4	Peak	Vertical
10103.5	47.0	-2.5	44.5	82.3	-37.8	Peak	Vertical
High Channel							
106.6	16.8	14.4	31.2	82.3	-51.1	Peak	Horizontal
550.9	5.4	24.0	29.4	82.3	-52.9	Peak	Horizontal
39.2	18.3	17.5	35.8	82.3	-46.5	Peak	Vertical
48.9	13.4	17.9	31.3	82.3	-51.0	Peak	Vertical
10367.0	47.6	-2.4	45.2	82.3	-37.1	Peak	Horizontal
13945.5	46.7	1.8	48.5	82.3	-33.8	Peak	Horizontal
10681.5	46.8	-2.3	44.5	82.3	-37.8	Peak	Vertical
14039.0	47.2	2.1	49.3	82.3	-33.0	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Test Site	SIP-AC3	Test Engineer	Wayne Wang
Test Date	2022/09/14 ~ 2022/09/15	Test Band	WCDMA Band V

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
40.2	6.2	17.6	23.8	82.3	-58.5	Peak	Horizontal
106.6	14.6	14.4	29.0	82.3	-53.3	Peak	Horizontal
39.2	18.1	17.5	35.6	82.3	-46.7	Peak	Vertical
53.8	12.7	17.7	30.4	82.3	-51.9	Peak	Vertical
4336.0	49.5	-8.7	40.8	82.3	-41.5	Peak	Horizontal
5864.0	50.1	-7.9	42.2	82.3	-40.1	Peak	Horizontal
5692.0	49.9	-7.8	42.1	82.3	-40.2	Peak	Vertical
7352.0	49.6	-5.8	43.8	82.3	-38.5	Peak	Vertical
Middle Channel							
107.1	14.3	14.5	28.8	82.3	-53.5	Peak	Horizontal
148.3	8.5	18.0	26.5	82.3	-55.8	Peak	Horizontal
39.7	16.6	17.6	34.2	82.3	-48.1	Peak	Vertical
54.3	12.5	17.7	30.2	82.3	-52.1	Peak	Vertical
5728.0	50.1	-8.0	42.1	82.3	-40.2	Peak	Horizontal
7176.0	49.6	-6.0	43.6	82.3	-38.7	Peak	Horizontal
6496.0	49.7	-6.9	42.8	82.3	-39.5	Peak	Vertical
8388.0	48.0	-4.0	44.0	82.3	-38.3	Peak	Vertical
High Channel							
39.7	5.2	17.6	22.8	82.3	-59.5	Peak	Horizontal
54.3	5.2	17.7	22.9	82.3	-59.4	Peak	Horizontal
39.7	17.1	17.6	34.7	82.3	-47.6	Peak	Vertical
48.4	12.0	18.0	30.0	82.3	-52.3	Peak	Vertical
5620.0	49.9	-8.1	41.8	82.3	-40.5	Peak	Horizontal
7056.0	49.0	-6.1	42.9	82.3	-39.4	Peak	Horizontal
6520.0	49.7	-6.9	42.8	82.3	-39.5	Peak	Vertical
7596.0	49.1	-5.4	43.7	82.3	-38.6	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).							

Appendix B - Test Setup Photograph

Refer to “2209RSU001-UT” file.

Appendix C - EUT Photograph

Refer to “2209RSU001-UE” file.

The End