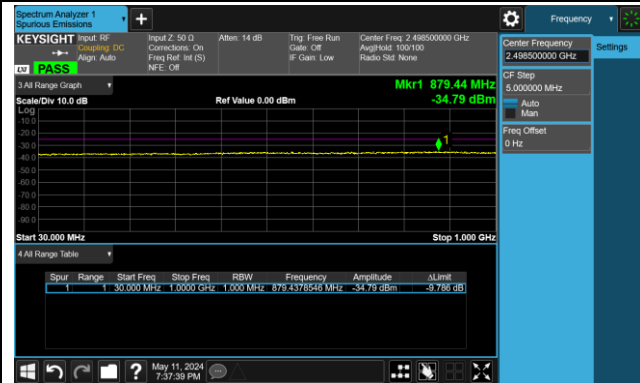


5MHz Channel Bandwidth

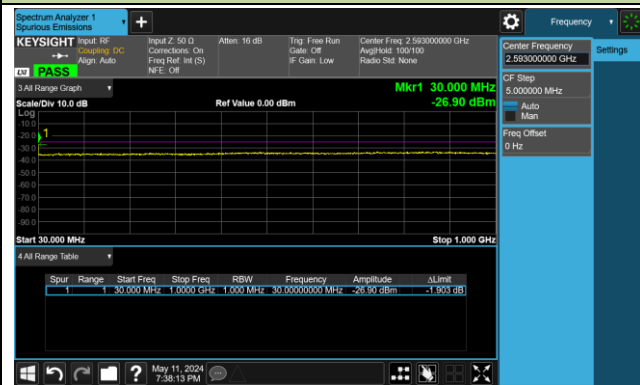
Low Channel 30 ~ 1000MHz



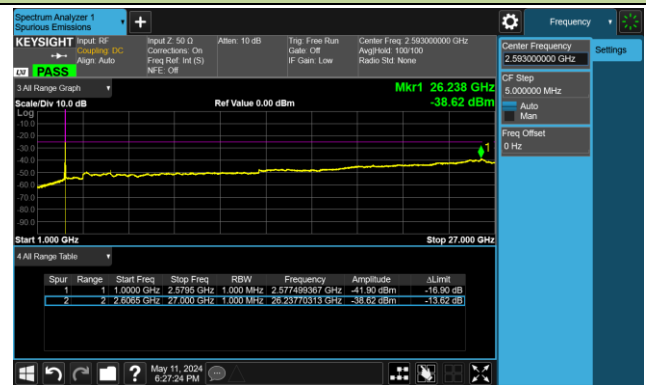
Low Channel 1000 ~ 27000MHz



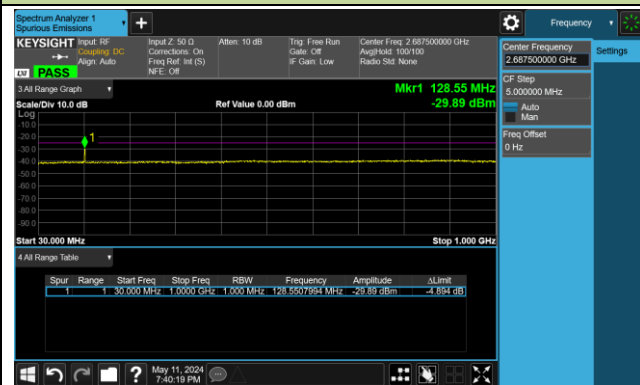
Middle Channel 30 ~ 1000MHz



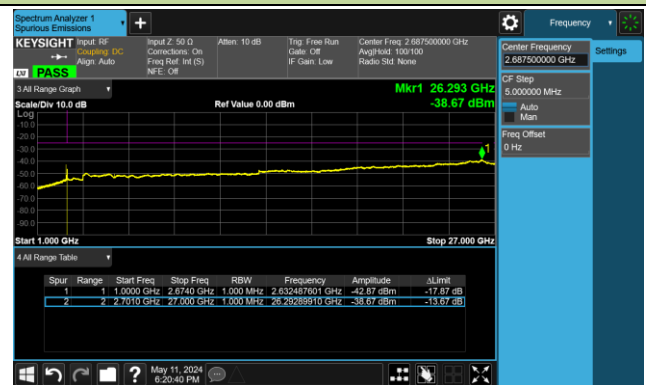
Middle Channel 1000 ~ 27000MHz



High Channel 30 ~ 1000MHz

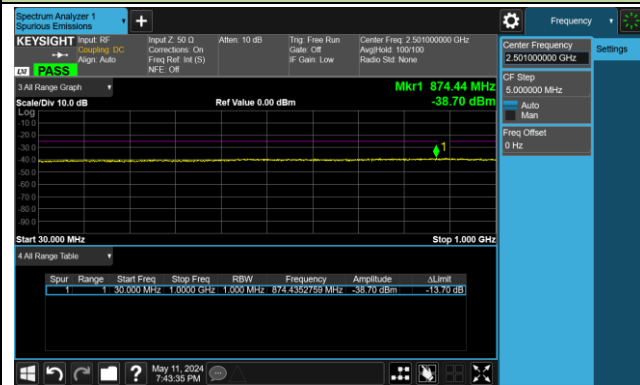


High Channel 1000 ~ 27000MHz

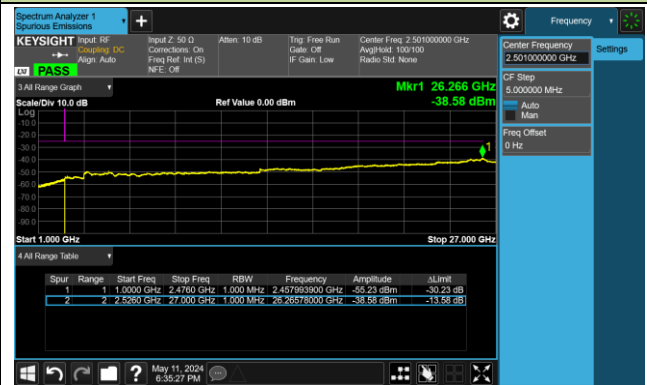


10MHz Channel Bandwidth

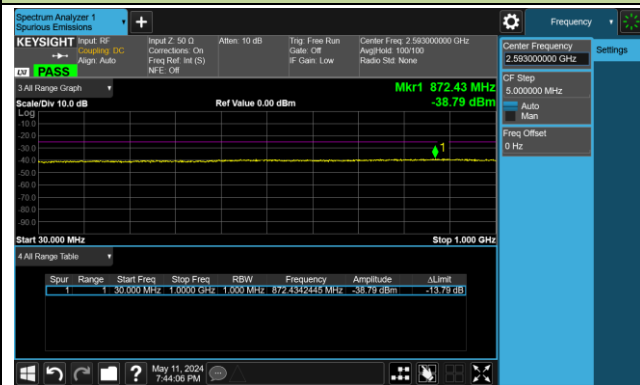
Low Channel 30 ~ 1000MHz



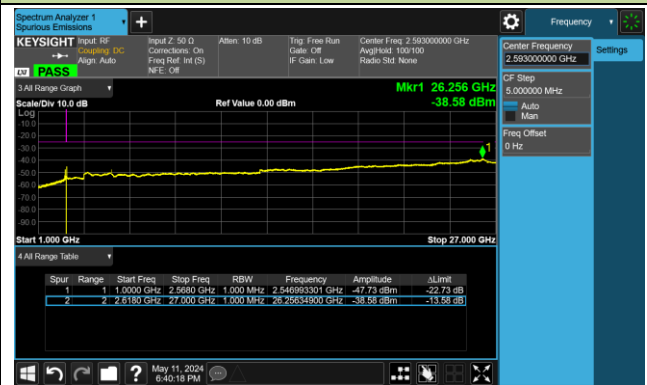
Low Channel 1000 ~ 27000MHz



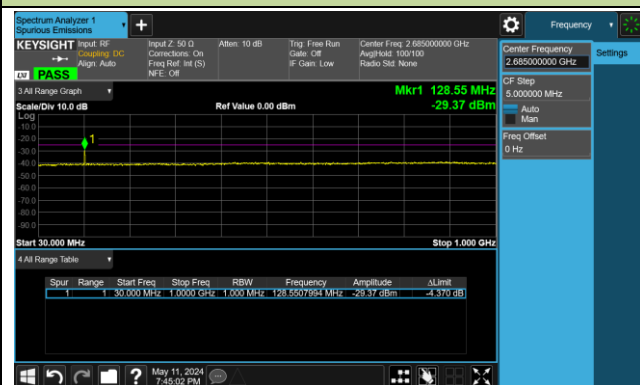
Middle Channel 30 ~ 1000MHz



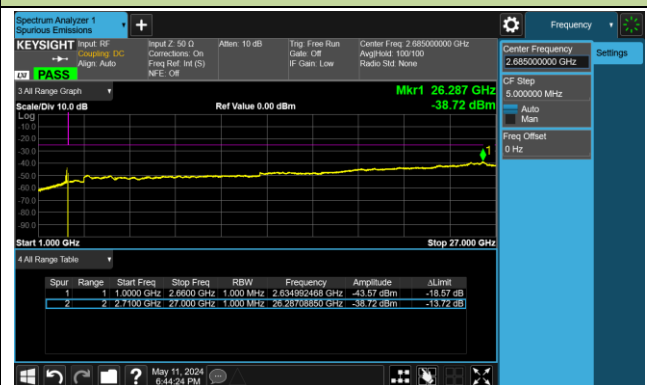
Middle Channel 1000 ~ 27000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 27000MHz

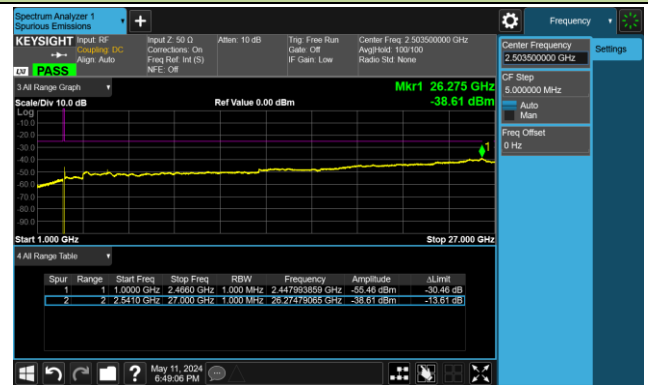


15MHz Channel Bandwidth

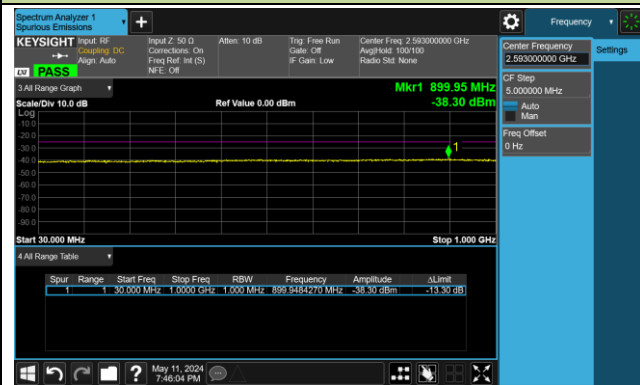
Low Channel 30 ~ 1000MHz



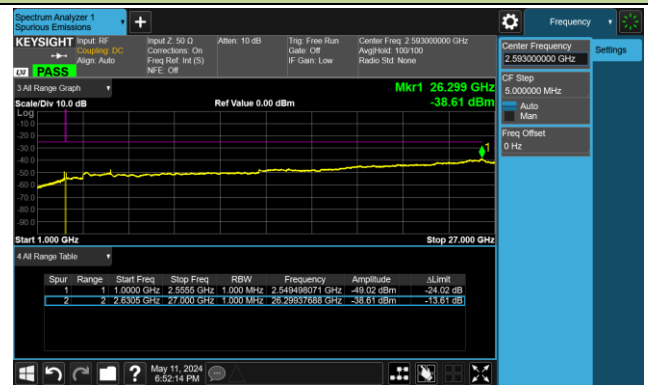
Low Channel 1000 ~ 27000MHz



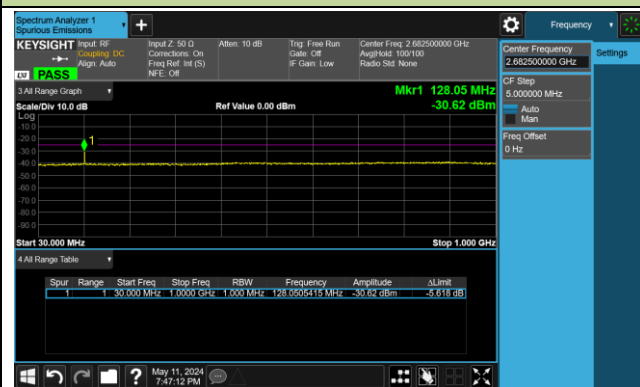
Middle Channel 30 ~ 1000MHz



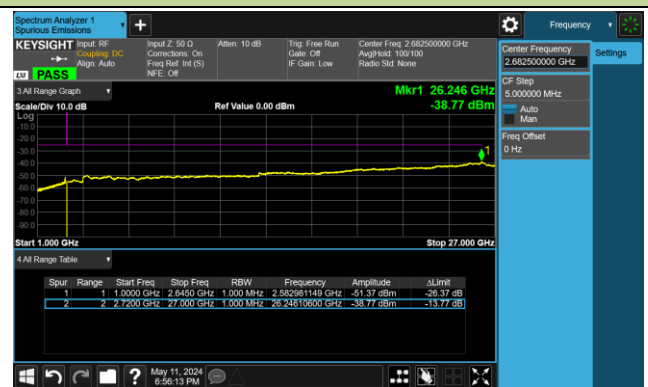
Middle Channel 1000 ~ 27000MHz



High Channel 30 ~ 1000MHz

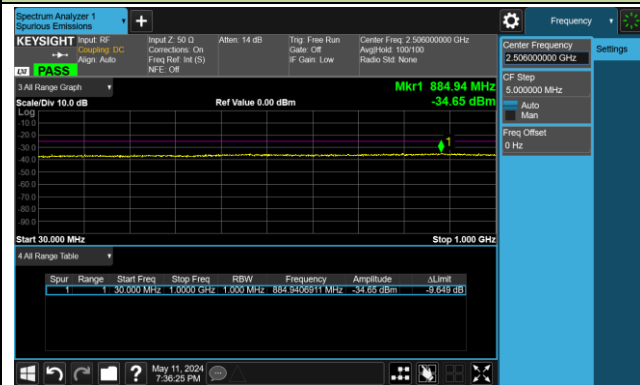


High Channel 1000 ~ 27000MHz

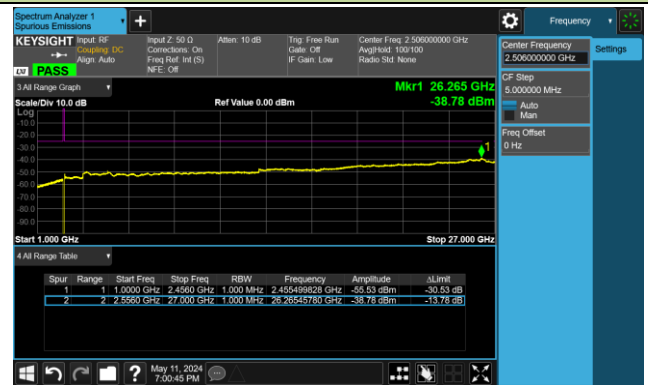


20MHz Channel Bandwidth

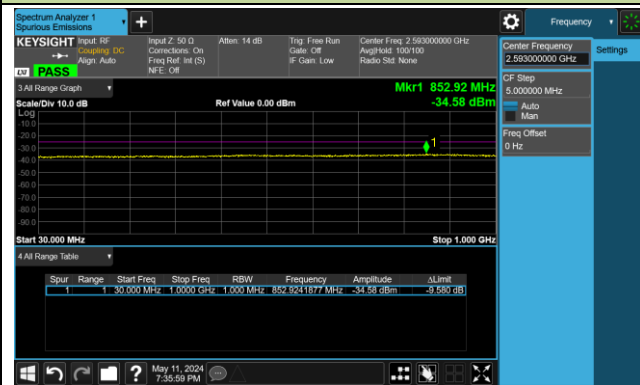
Low Channel 30 ~ 1000MHz



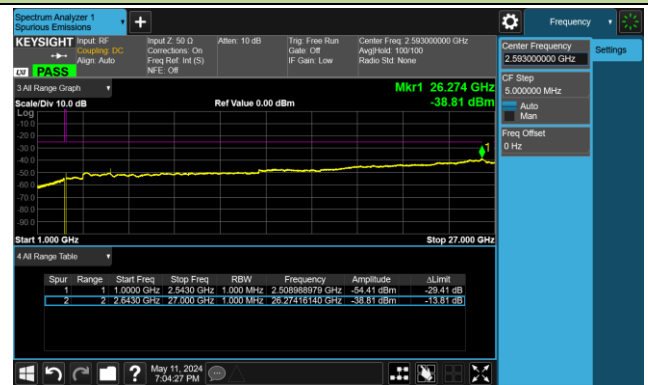
Low Channel 1000 ~ 27000MHz



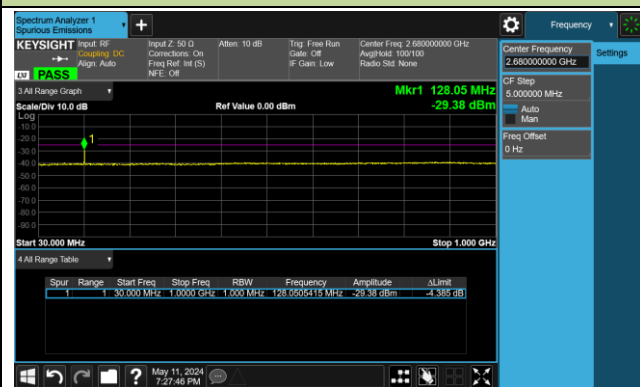
Middle Channel 30 ~ 1000MHz



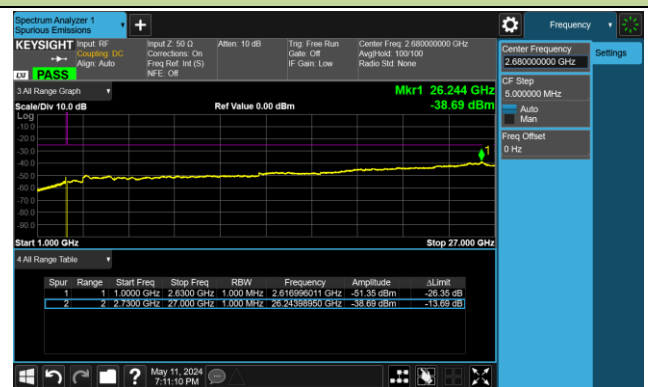
Middle Channel 1000 ~ 27000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 27000MHz

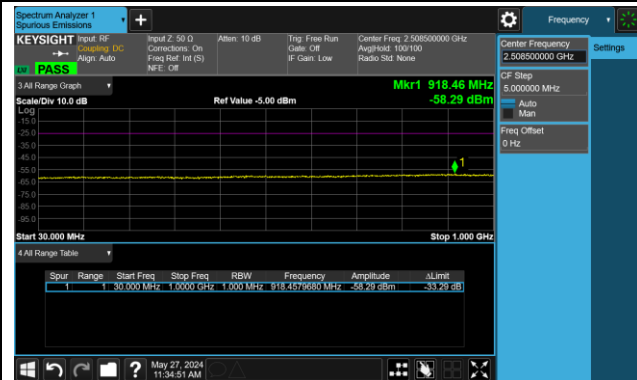


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-27	Test Band	Intra-Band CA_41C, 1RB, QPSK

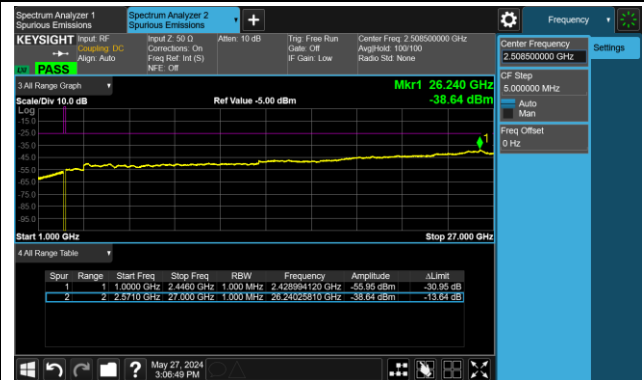
Channel Bandwidth (MHz)	Frequency (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
5 + 20	2599.3 + 2511.0	30 ~ 1000	-58.29	≤ -25.00	Pass
		1000 ~ 27000	-38.64	≤ -25.00	Pass
	2583.1 + 2595.5	30 ~ 1000	-58.15	≤ -25.00	Pass
		1000 ~ 27000	-38.65	≤ -25.00	Pass
	2668.3 + 2680.0	30 ~ 1000	-58.47	≤ -25.00	Pass
		1000 ~ 27000	-38.54	≤ -25.00	Pass
20 + 20	2506.0 + 2525.8	30 ~ 1000	-58.61	≤ -25.00	Pass
		1000 ~ 27000	-38.75	≤ -25.00	Pass
	2583.1 + 2602.9	30 ~ 1000	-58.42	≤ -25.00	Pass
		1000 ~ 27000	-38.61	≤ -25.00	Pass
	2660.2 + 2680.0	30 ~ 1000	-58.48	≤ -25.00	Pass
		1000 ~ 27000	-38.66	≤ -25.00	Pass
Note: The amplitude of Conducted Spurious emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.					

5 + 20MHz Channel Bandwidth

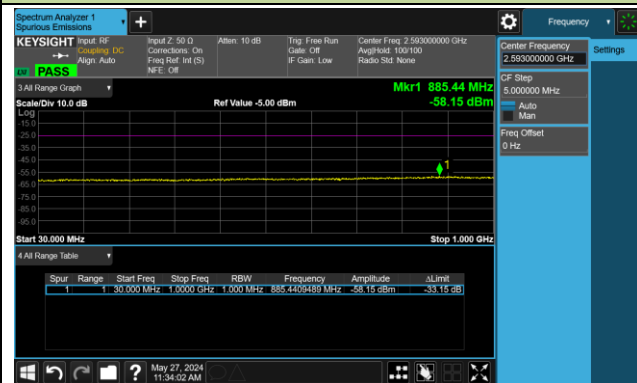
Low Channel 30 ~ 1000MHz



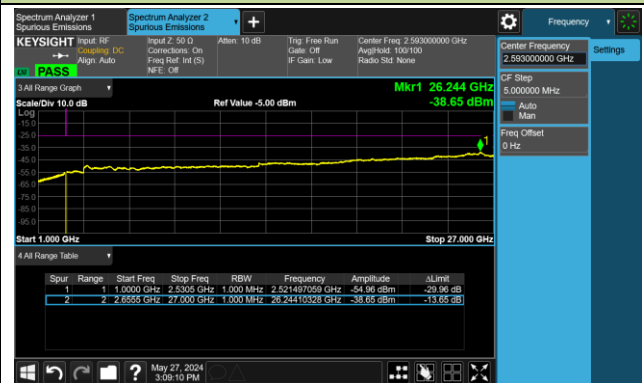
Low Channel 1000 ~ 27000MHz



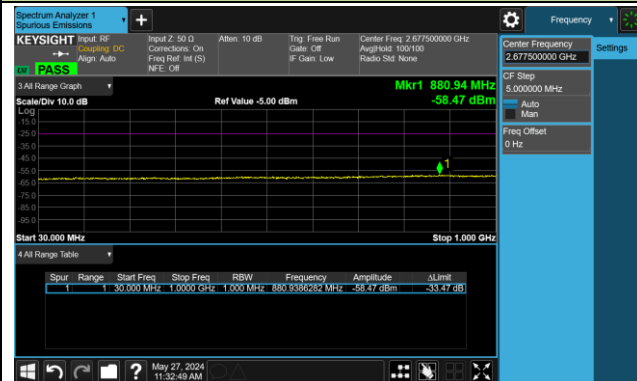
Middle Channel 30 ~ 1000MHz



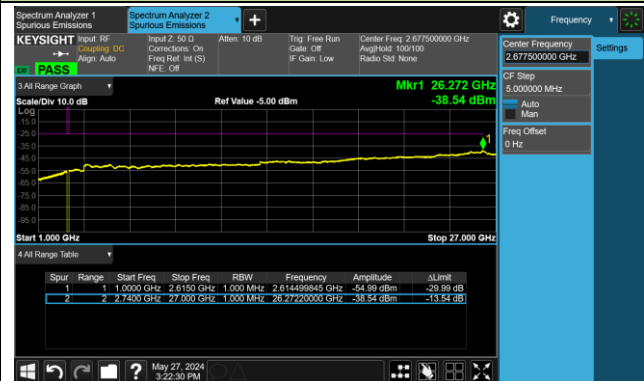
Middle Channel 1000 ~ 27000MHz



High Channel 30 ~ 1000MHz

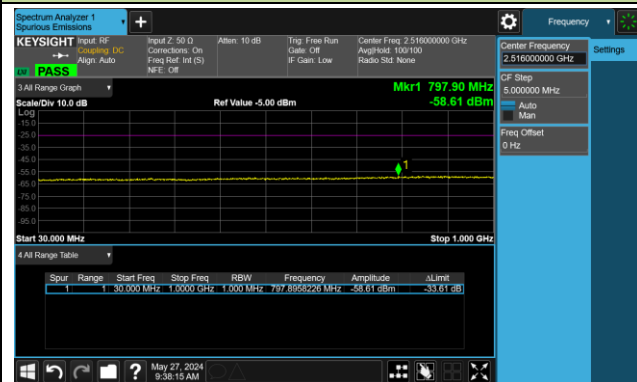


High Channel 1000 ~ 27000MHz

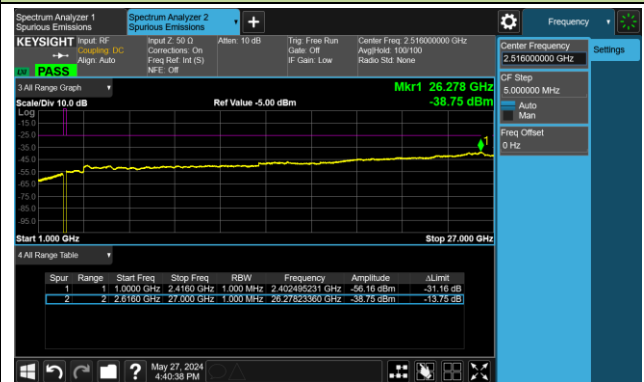


20 + 20MHz Channel Bandwidth

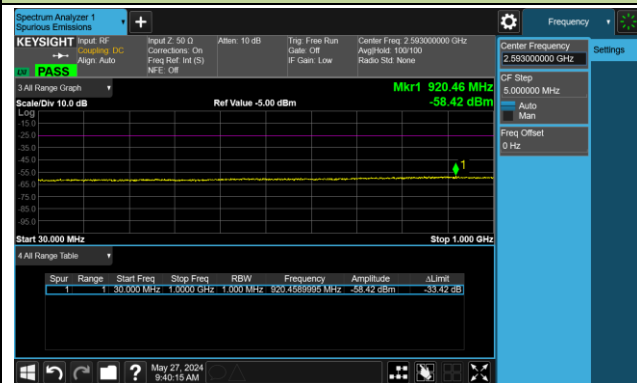
Low Channel 30 ~ 1000MHz



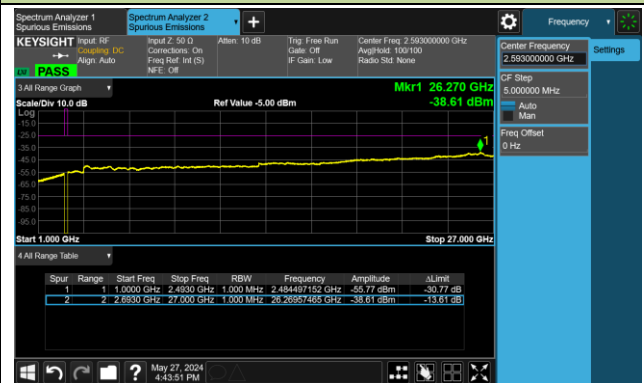
Low Channel 1000 ~ 27000MHz



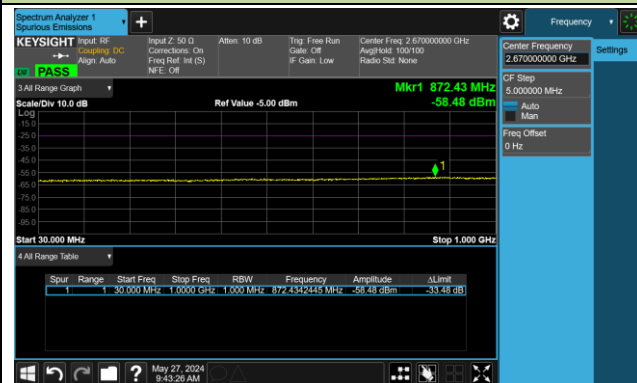
Middle Channel 30 ~ 1000MHz



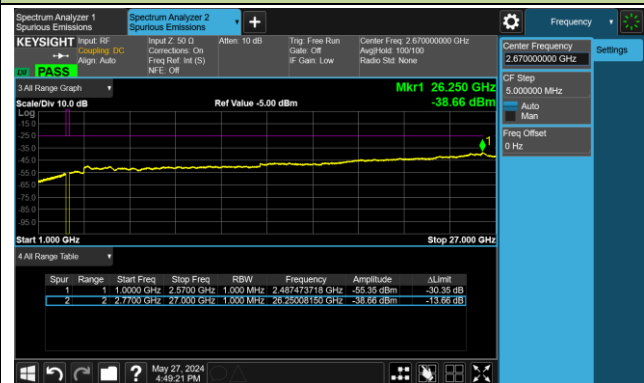
Middle Channel 1000 ~ 27000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 27000MHz



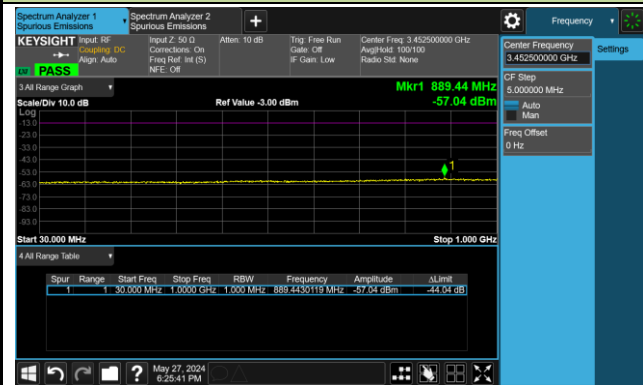
Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-27 ~ 2024-05-28	Test Band	Band 42, 1RB, QPSK

Channel Bandwidth (MHz)	Frequency (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
5	3452.5	30 ~ 1000	-57.04	≤ -13.00	Pass
		1000 ~ 36000	-33.82	≤ -13.00	Pass
	3500.0	30 ~ 1000	-57.04	≤ -13.00	Pass
		1000 ~ 36000	-35.25	≤ -13.00	Pass
	3547.5	30 ~ 1000	-57.93	≤ -13.00	Pass
		1000 ~ 36000	-35.22	≤ -13.00	Pass
10	3455.0	30 ~ 1000	-57.10	≤ -13.00	Pass
		1000 ~ 36000	-35.38	≤ -13.00	Pass
	3500.0	30 ~ 1000	-58.02	≤ -13.00	Pass
		1000 ~ 36000	-35.35	≤ -13.00	Pass
	3545.0	30 ~ 1000	-57.00	≤ -13.00	Pass
		1000 ~ 36000	-33.24	≤ -13.00	Pass
15	3457.5	30 ~ 1000	-57.44	≤ -13.00	Pass
		1000 ~ 36000	-35.39	≤ -13.00	Pass
	3500.0	30 ~ 1000	-57.00	≤ -13.00	Pass
		1000 ~ 36000	-35.31	≤ -13.00	Pass
	3542.5	30 ~ 1000	-57.58	≤ -13.00	Pass
		1000 ~ 36000	-35.23	≤ -13.00	Pass
20	3460.0	30 ~ 1000	-57.15	≤ -13.00	Pass
		1000 ~ 36000	-35.17	≤ -13.00	Pass
	3500.0	30 ~ 1000	-57.52	≤ -13.00	Pass
		1000 ~ 36000	-35.35	≤ -13.00	Pass
	3540.0	30 ~ 1000	-57.71	≤ -13.00	Pass
		1000 ~ 36000	-35.30	≤ -13.00	Pass

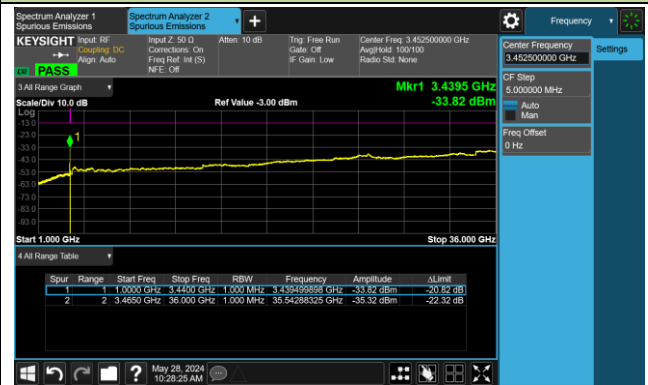
Note: The amplitude of Conducted Spurious emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

5MHz Channel Bandwidth

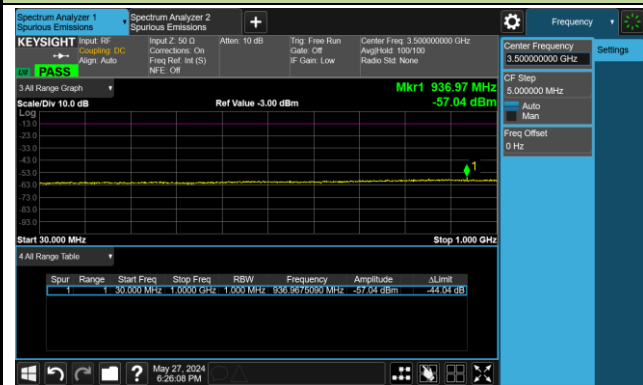
Low Channel 30 ~ 1000MHz



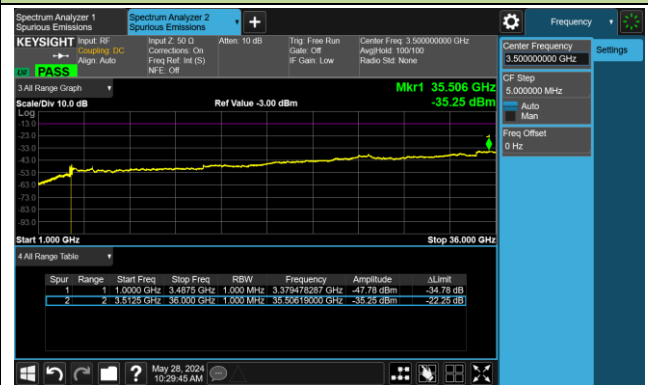
Low Channel 1000 ~ 36000MHz



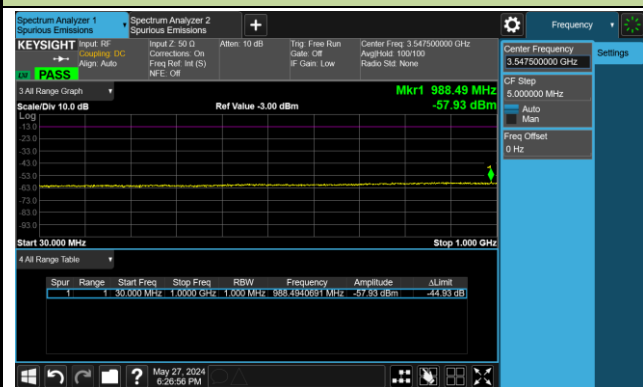
Middle Channel 30 ~ 1000MHz



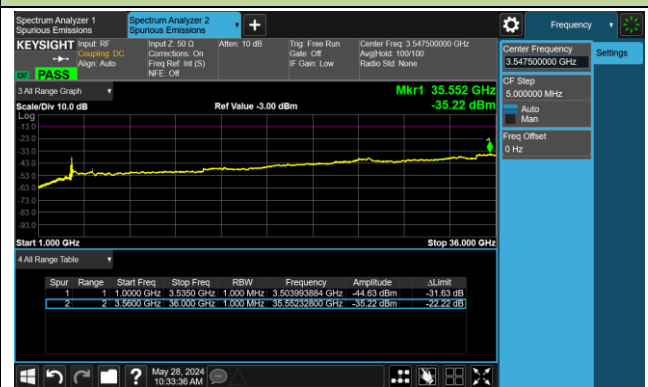
Middle Channel 1000 ~ 36000MHz



High Channel 30 ~ 1000MHz

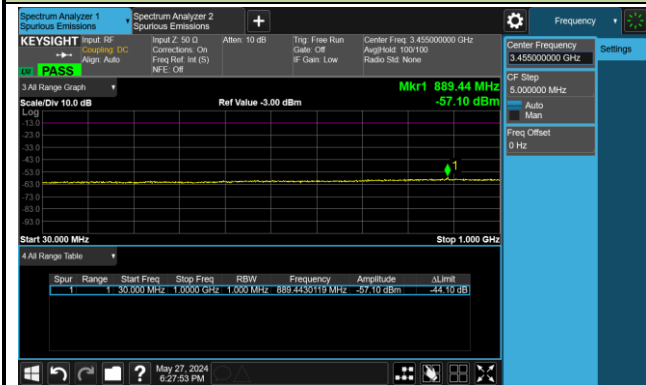


High Channel 1000 ~ 36000MHz

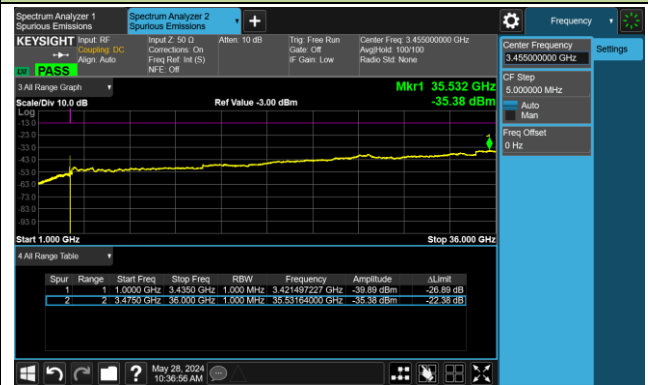


10MHz Channel Bandwidth

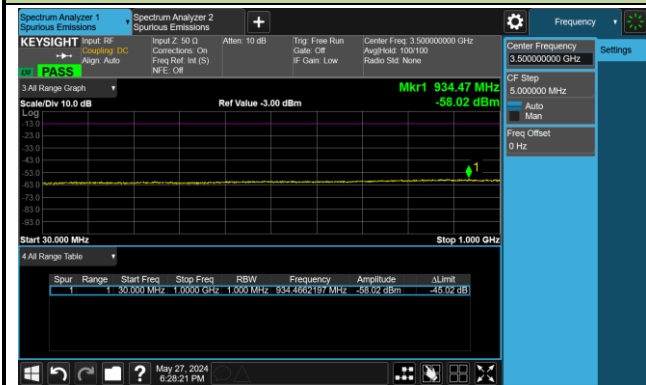
Low Channel 30 ~ 1000MHz



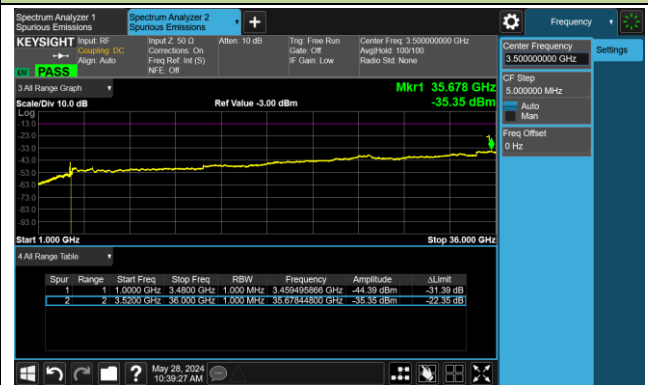
Low Channel 1000 ~ 36000MHz



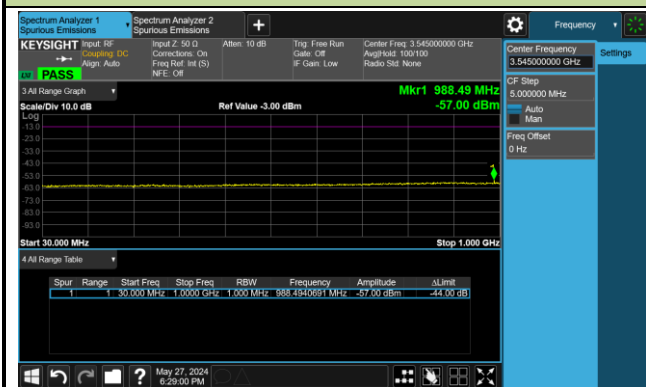
Middle Channel 30 ~ 1000MHz



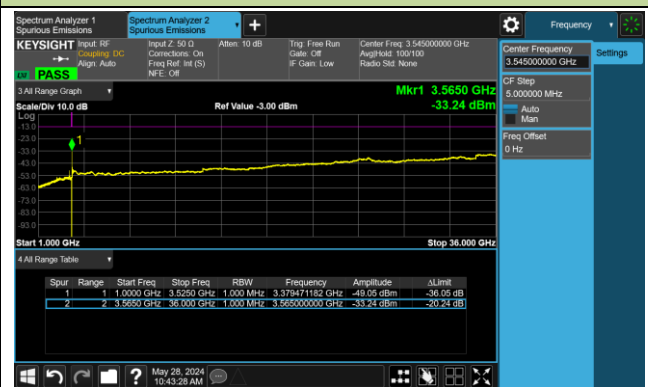
Middle Channel 1000 ~ 36000MHz



High Channel 30 ~ 1000MHz

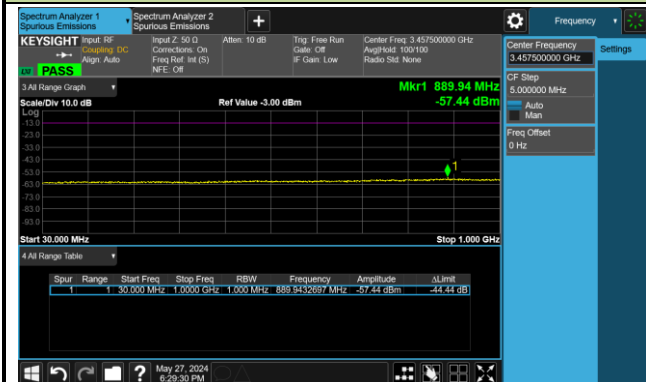


High Channel 1000 ~ 36000MHz

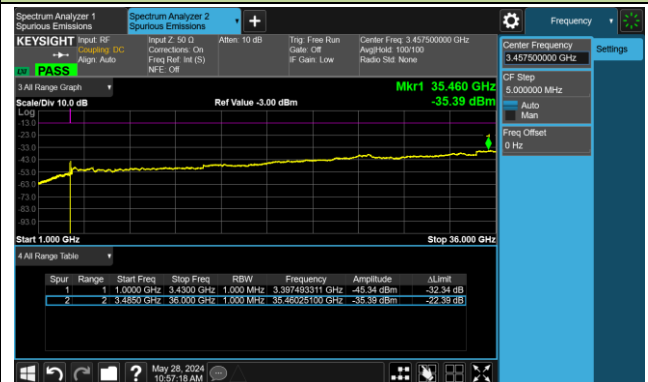


15MHz Channel Bandwidth

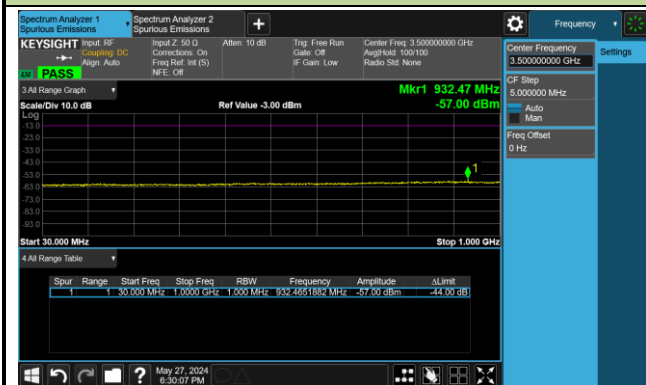
Low Channel 30 ~ 1000MHz



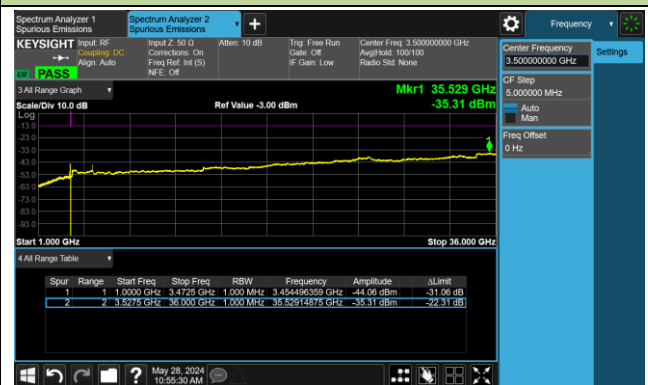
Low Channel 1000 ~ 36000MHz



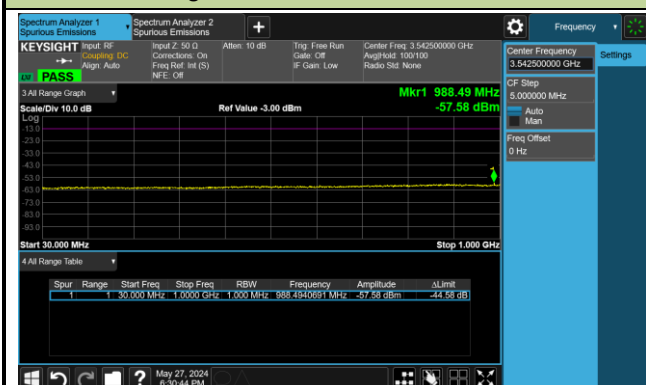
Middle Channel 30 ~ 1000MHz



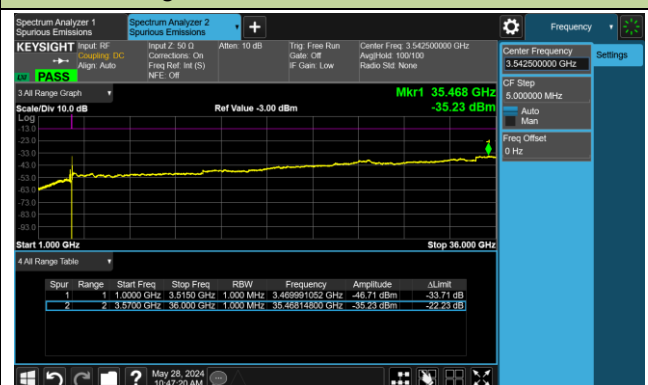
Middle Channel 1000 ~ 36000MHz



High Channel 30 ~ 1000MHz

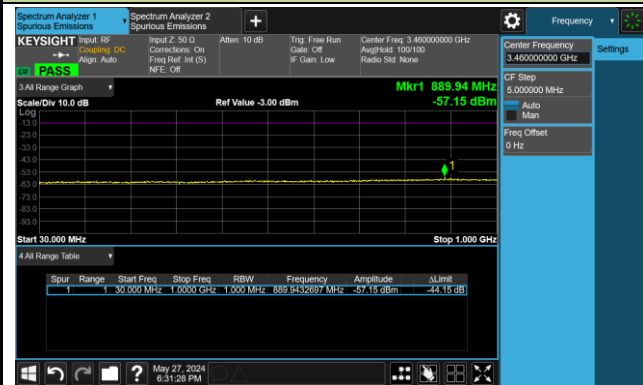


High Channel 1000 ~ 36000MHz

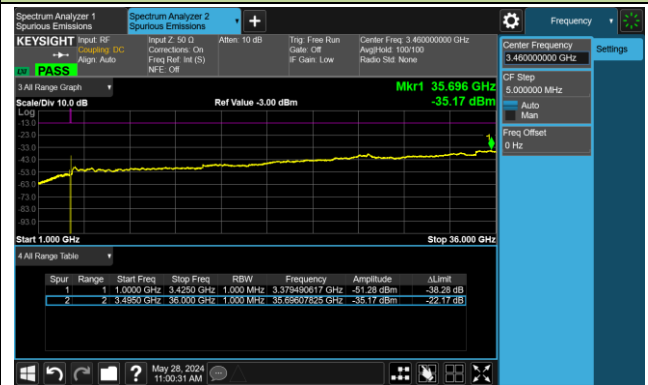


20MHz Channel Bandwidth

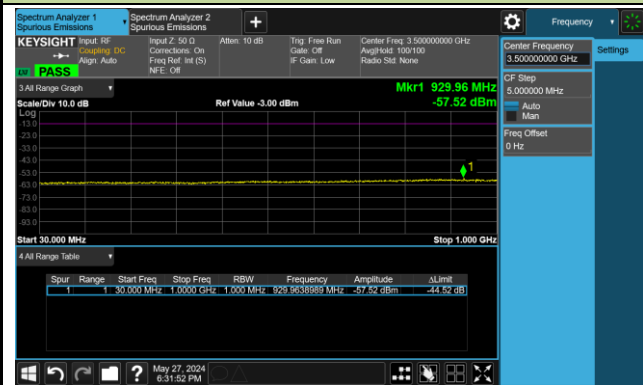
Low Channel 30 ~ 1000MHz



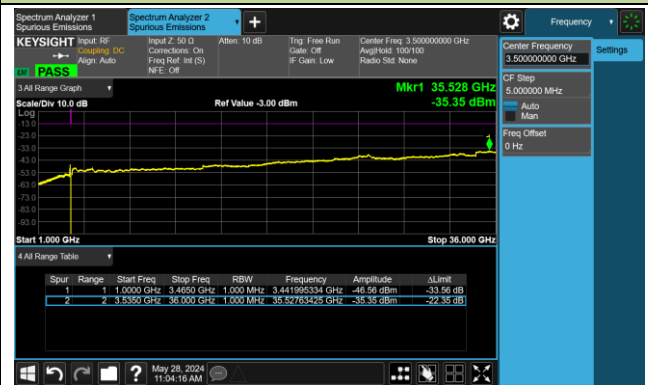
Low Channel 1000 ~ 36000MHz



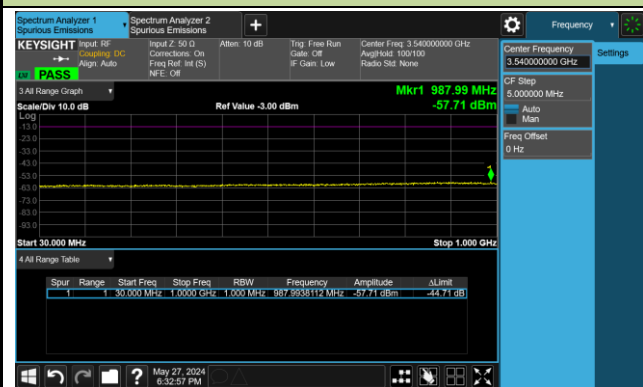
Middle Channel 30 ~ 1000MHz



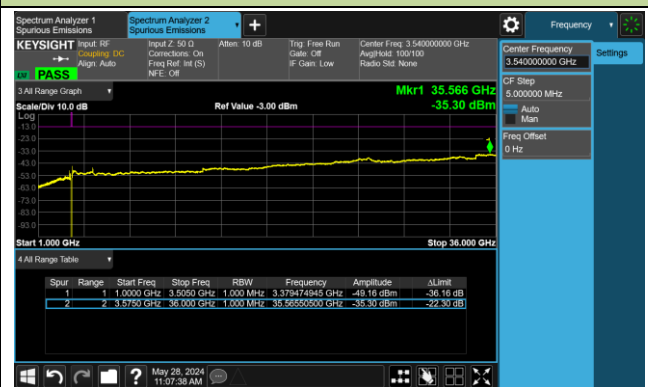
Middle Channel 1000 ~ 36000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 36000MHz



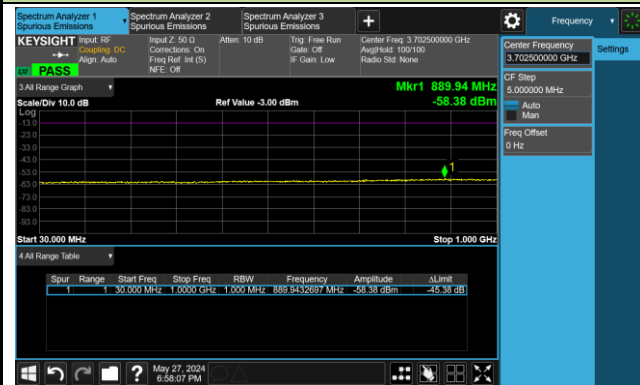
Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-27 ~ 2024-05-28	Test Band	Band 43, 1RB, QPSK

Channel Bandwidth (MHz)	Frequency (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
5	3702.5	30 ~ 1000	-58.38	≤ -13.00	Pass
		1000 ~ 38000	-31.68	≤ -13.00	Pass
	3750.0	30 ~ 1000	-58.18	≤ -13.00	Pass
		1000 ~ 38000	-35.02	≤ -13.00	Pass
	3797.5	30 ~ 1000	-58.28	≤ -13.00	Pass
		1000 ~ 38000	-35.10	≤ -13.00	Pass
10	3705.0	30 ~ 1000	-58.32	≤ -13.00	Pass
		1000 ~ 38000	-34.49	≤ -13.00	Pass
	3750.0	30 ~ 1000	-58.52	≤ -13.00	Pass
		1000 ~ 38000	-34.32	≤ -13.00	Pass
	3795.0	30 ~ 1000	-58.42	≤ -13.00	Pass
		1000 ~ 38000	-34.63	≤ -13.00	Pass
15	3707.5	30 ~ 1000	-58.33	≤ -13.00	Pass
		1000 ~ 38000	-34.83	≤ -13.00	Pass
	3750.0	30 ~ 1000	-58.26	≤ -13.00	Pass
		1000 ~ 38000	-34.67	≤ -13.00	Pass
	3792.5	30 ~ 1000	-58.49	≤ -13.00	Pass
		1000 ~ 38000	-34.65	≤ -13.00	Pass
20	3710.0	30 ~ 1000	-58.05	≤ -13.00	Pass
		1000 ~ 38000	-34.75	≤ -13.00	Pass
	3750.0	30 ~ 1000	-58.39	≤ -13.00	Pass
		1000 ~ 38000	-34.68	≤ -13.00	Pass
	3790.0	30 ~ 1000	-58.40	≤ -13.00	Pass
		1000 ~ 38000	-34.77	≤ -13.00	Pass

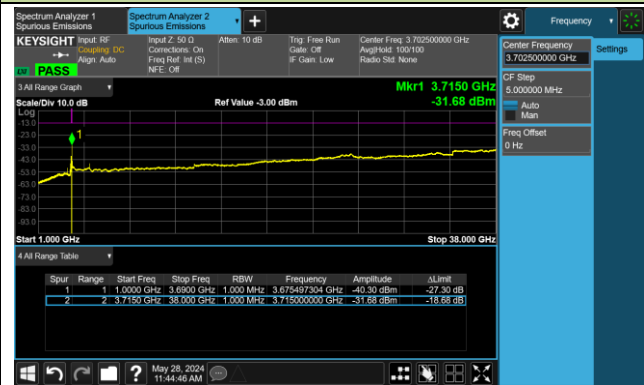
Note: The amplitude of Conducted Spurious emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

5MHz Channel Bandwidth

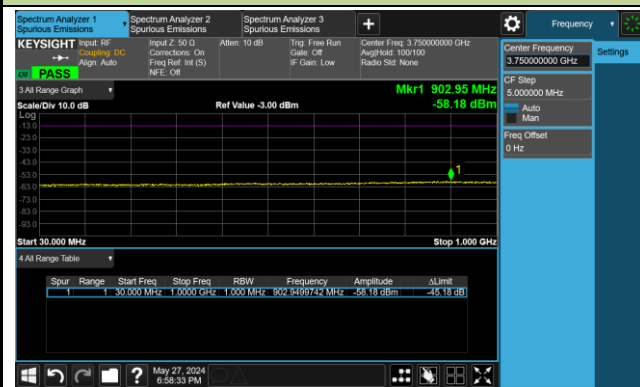
Low Channel 30 ~ 1000MHz



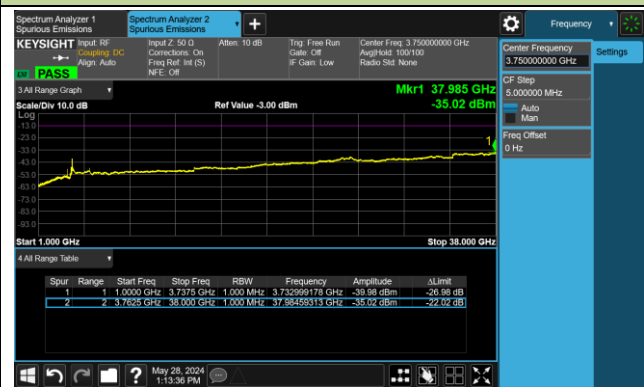
Low Channel 1000 ~ 38000MHz



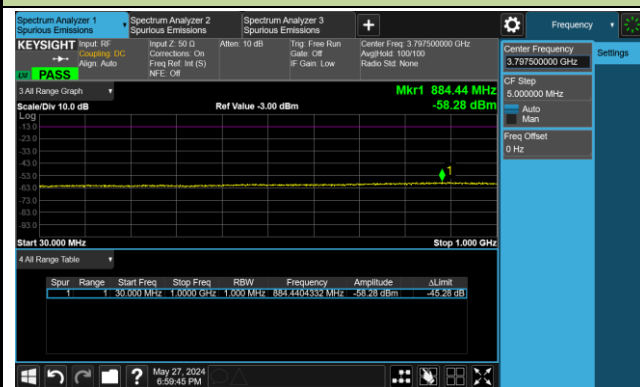
Middle Channel 30 ~ 1000MHz



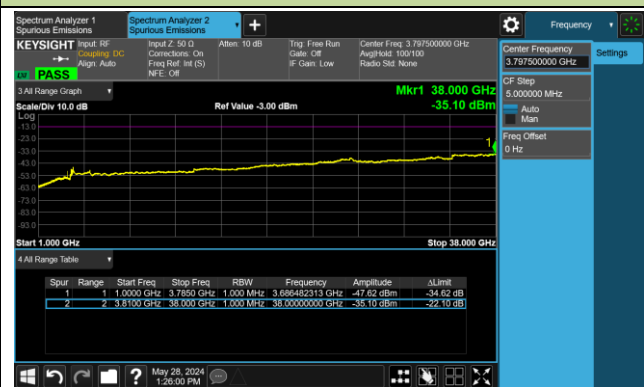
Middle Channel 1000 ~ 38000MHz



High Channel 30 ~ 1000MHz

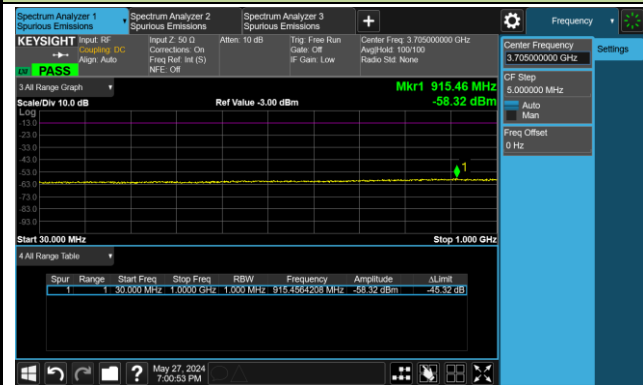


High Channel 1000 ~ 38000MHz

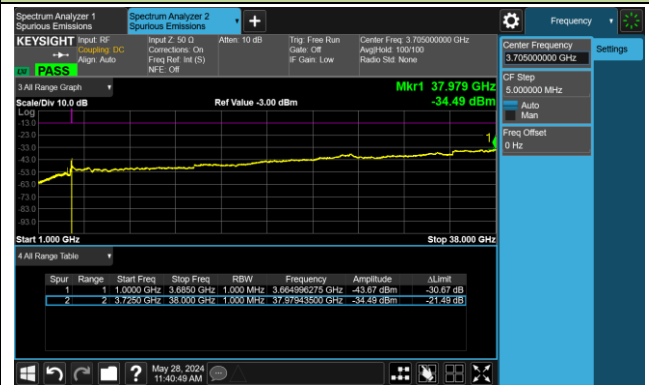


10MHz Channel Bandwidth

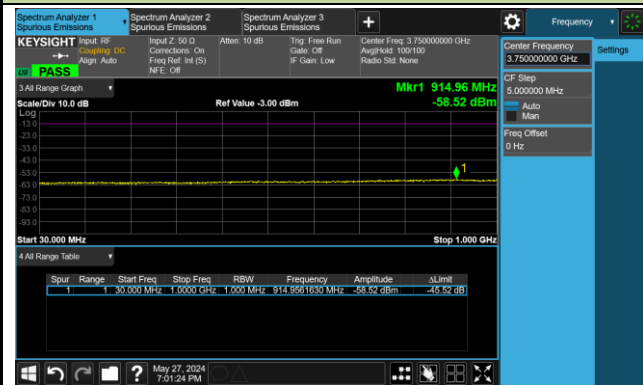
Low Channel 30 ~ 1000MHz



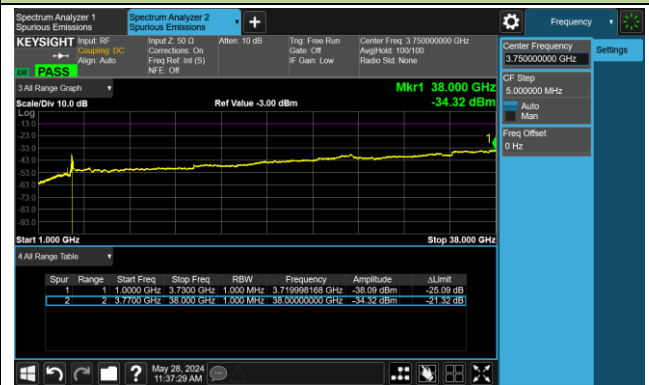
Low Channel 1000 ~ 38000MHz



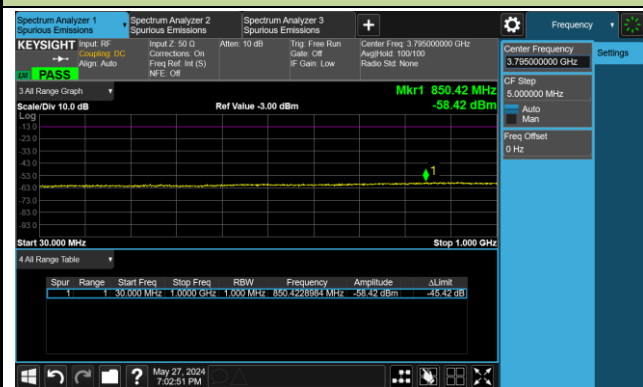
Middle Channel 30 ~ 1000MHz



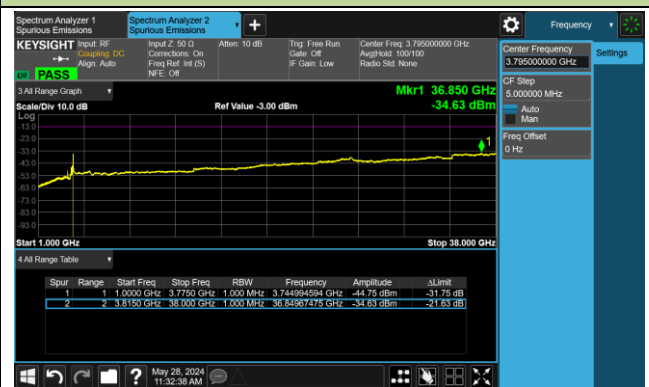
Middle Channel 1000 ~ 38000MHz



High Channel 30 ~ 1000MHz

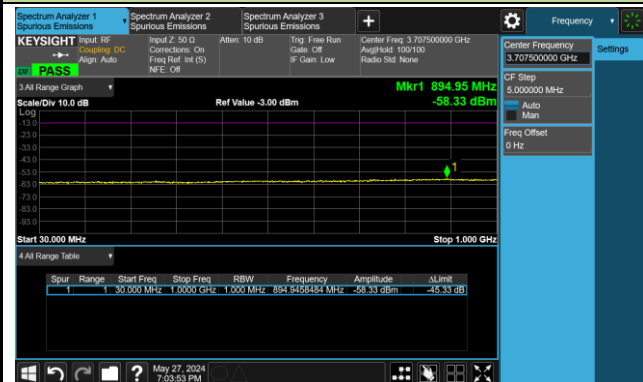


High Channel 1000 ~ 38000MHz

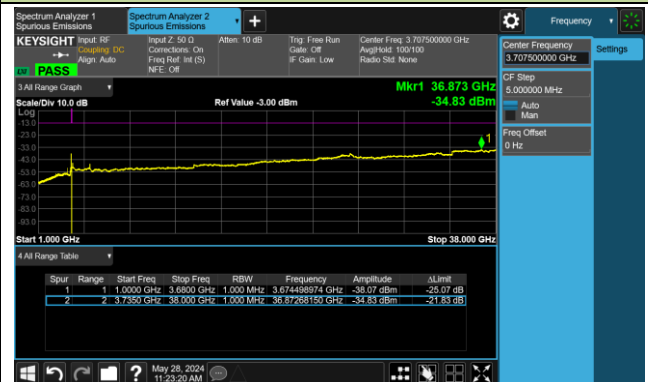


15MHz Channel Bandwidth

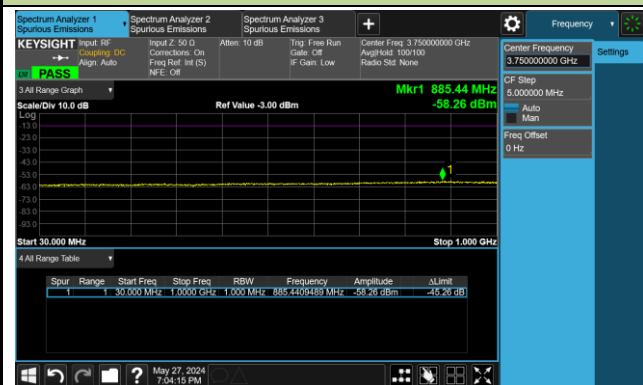
Low Channel 30 ~ 1000MHz



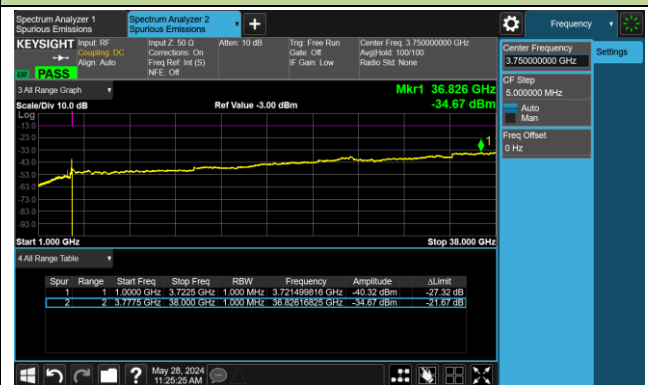
Low Channel 1000 ~ 38000MHz



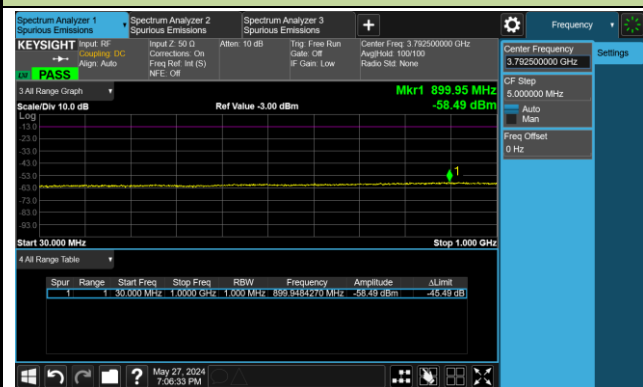
Middle Channel 30 ~ 1000MHz



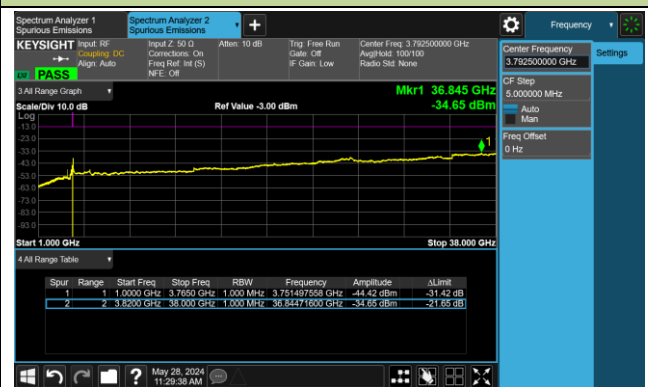
Middle Channel 1000 ~ 38000MHz



High Channel 30 ~ 1000MHz

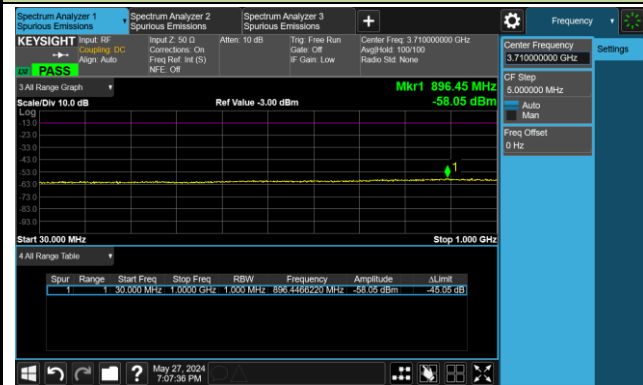


High Channel 1000 ~ 38000MHz

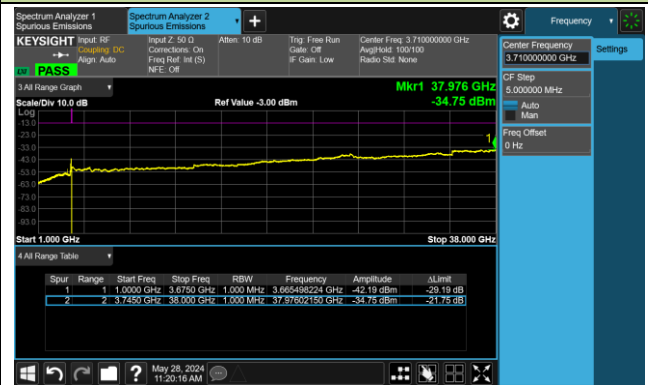


20MHz Channel Bandwidth

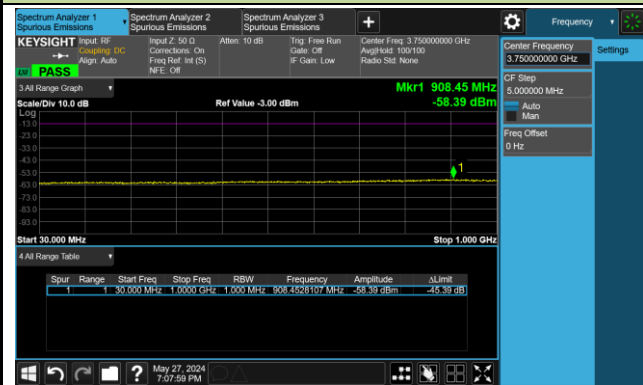
Low Channel 30 ~ 1000MHz



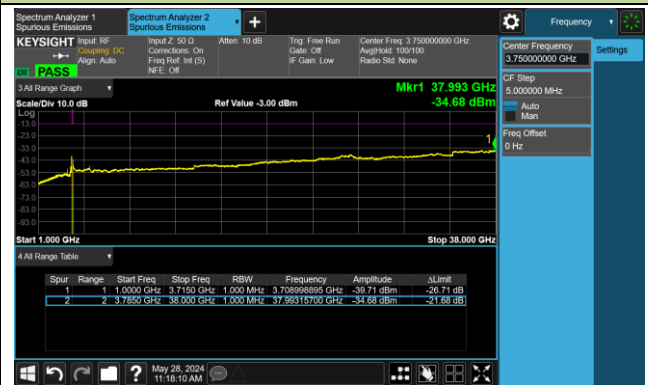
Low Channel 1000 ~ 38000MHz



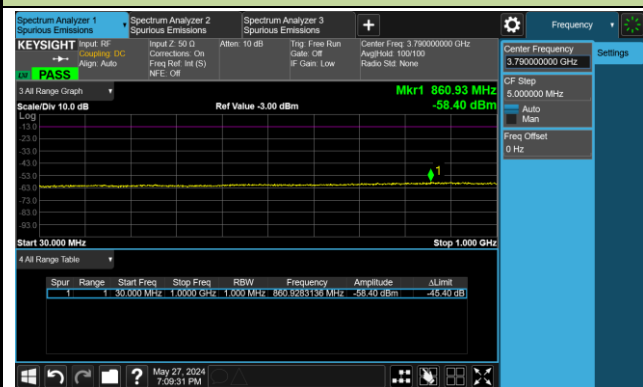
Middle Channel 30 ~ 1000MHz



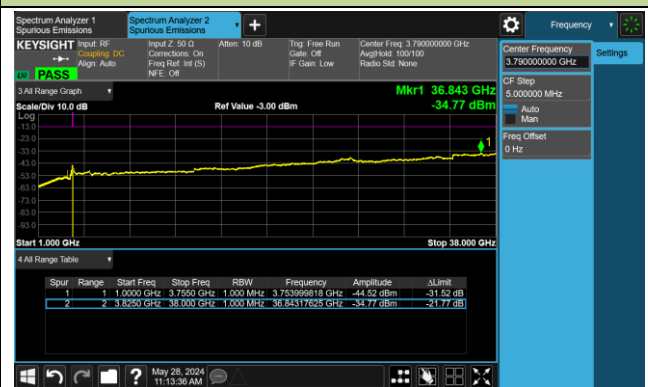
Middle Channel 1000 ~ 38000MHz



High Channel 30 ~ 1000MHz



High Channel 1000 ~ 38000MHz



A.7 Radiated Spurious Emissions Test Result

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 2/25, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
188.1	5.7	15.3	21.0	82.3	-61.3	Quasi-Peak	Horizontal
798.2	-3.5	28.1	24.6	82.3	-57.7	Quasi-Peak	Horizontal
42.1	7.9	17.8	25.7	82.3	-56.6	Quasi-Peak	Vertical
66.9	8.6	16.3	24.9	82.3	-57.4	Quasi-Peak	Vertical
3703.0	58.6	-10.3	48.3	82.3	-34.0	Peak	Horizontal
9253.5	47.4	2.7	50.1	82.3	-32.2	Peak	Horizontal
3703.0	51.8	-10.3	41.5	82.3	-40.8	Peak	Vertical
17915.0	38.1	16.9	55.0	82.3	-27.3	Peak	Vertical
Middle Channel							
192.0	5.2	14.9	20.1	82.3	-62.2	Quasi-Peak	Horizontal
811.8	-1.7	28.3	26.6	82.3	-55.7	Quasi-Peak	Horizontal
37.8	10.4	17.1	27.5	82.3	-54.8	Quasi-Peak	Vertical
72.7	9.9	15.2	25.1	82.3	-57.2	Quasi-Peak	Vertical
3762.5	57.8	-10.4	47.4	82.3	-34.9	Peak	Horizontal
9415.0	47.5	2.5	50.0	82.3	-32.3	Peak	Horizontal
3762.5	50.6	-10.4	40.2	82.3	-42.1	Peak	Vertical
17906.5	36.3	16.1	52.4	82.3	-29.9	Peak	Vertical
High Channel							
190.5	7.9	15.1	23.0	82.3	-59.3	Quasi-Peak	Horizontal
811.3	2.9	28.3	31.2	82.3	-51.1	Quasi-Peak	Horizontal
72.7	10.4	15.2	25.6	82.3	-56.7	Quasi-Peak	Vertical
807.0	0.7	28.2	28.9	82.3	-53.4	Quasi-Peak	Vertical
3830.5	55.4	-9.8	45.6	82.3	-36.7	Peak	Horizontal
9568.0	51.4	2.7	54.1	82.3	-28.2	Peak	Horizontal
3830.5	49.4	-9.8	39.6	82.3	-42.7	Peak	Vertical
17991.5	36.6	16.3	52.9	82.3	-29.4	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz and above 18GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 4/66, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
38.2	9.0	17.2	26.2	82.3	-56.1	Quasi-Peak	Horizontal
72.7	11.8	15.2	27.0	82.3	-55.3	Quasi-Peak	Horizontal
185.7	4.8	15.6	20.4	82.3	-61.9	Quasi-Peak	Vertical
809.4	1.8	28.2	30.0	82.3	-52.3	Quasi-Peak	Vertical
5131.0	50.5	-6.7	43.8	82.3	-38.5	Peak	Horizontal
10265.0	52.5	3.3	55.8	82.3	-26.5	Peak	Horizontal
10265.0	47.2	3.3	50.5	82.3	-31.8	Peak	Vertical
18000.0	37.0	16.7	53.7	82.3	-28.6	Peak	Vertical
Middle Channel							
137.2	6.4	17.5	23.9	82.3	-58.4	Quasi-Peak	Horizontal
811.3	1.4	28.3	29.7	82.3	-52.6	Quasi-Peak	Horizontal
38.2	8.8	17.2	26.0	82.3	-56.3	Quasi-Peak	Vertical
794.8	-3.6	28.1	24.5	82.3	-57.8	Quasi-Peak	Vertical
3490.5	55.6	-11.5	44.1	82.3	-38.2	Peak	Horizontal
10469.0	45.8	4.1	49.9	82.3	-32.4	Peak	Horizontal
10469.0	43.8	4.1	47.9	82.3	-34.4	Peak	Vertical
13962.5	40.5	7.5	48.0	82.3	-34.3	Peak	Vertical
High Channel							
601.3	17.3	25.7	43.0	82.3	-39.3	Quasi-Peak	Horizontal
978.2	12.9	29.8	42.7	82.3	-39.6	Quasi-Peak	Horizontal
596.5	15.2	25.5	40.7	82.3	-41.6	Quasi-Peak	Vertical
963.6	11.7	29.9	41.6	82.3	-40.7	Quasi-Peak	Vertical
3558.5	56.8	-11.3	45.5	82.3	-36.8	Peak	Horizontal
11106.5	41.7	5.4	47.1	82.3	-35.2	Peak	Horizontal
3558.5	50.0	-11.3	38.7	82.3	-43.6	Peak	Vertical
17915.0	37.1	16.9	54.0	82.3	-28.3	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz and

above 18GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 5/26, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
601.3	17.3	25.7	43.0	82.3	-39.3	Quasi-Peak	Horizontal
978.2	12.9	29.8	42.7	82.3	-39.6	Quasi-Peak	Horizontal
596.5	15.2	25.5	40.7	82.3	-41.6	Quasi-Peak	Vertical
963.6	11.7	29.9	41.6	82.3	-40.7	Quasi-Peak	Vertical
1535.5	58.2	-16.8	41.4	82.3	-40.9	Peak	Horizontal
2467.0	57.6	-13.5	44.1	82.3	-38.2	Peak	Horizontal
1972.0	63.7	-15.8	47.9	82.3	-34.4	Peak	Vertical
2467.0	63.9	-13.5	50.4	82.3	-31.9	Peak	Vertical
Middle Channel							
715.3	13.9	27.3	41.2	82.3	-41.1	Quasi-Peak	Horizontal
934.5	14.1	29.6	43.7	82.3	-38.6	Quasi-Peak	Horizontal
726.5	17.0	27.3	44.3	82.3	-38.0	Quasi-Peak	Vertical
939.4	13.8	29.7	43.5	82.3	-38.8	Quasi-Peak	Vertical
1985.5	58.3	-15.7	42.6	82.3	-39.7	Peak	Horizontal
2467.0	57.3	-13.5	43.8	82.3	-38.5	Peak	Horizontal
1535.5	64.7	-16.8	47.9	82.3	-34.4	Peak	Vertical
2453.5	60.0	-13.6	46.4	82.3	-35.9	Peak	Vertical
High Channel							
68.3	16.4	16.0	32.4	82.3	-49.9	Quasi-Peak	Horizontal
970.4	10.8	29.9	40.7	82.3	-41.6	Quasi-Peak	Horizontal
727.9	15.3	27.4	42.7	82.3	-39.6	Quasi-Peak	Vertical
962.7	13.4	30.0	43.4	82.3	-38.9	Quasi-Peak	Vertical
1270.0	66.2	-17.1	49.1	82.3	-33.2	Peak	Horizontal
2462.5	58.6	-13.5	45.1	82.3	-37.2	Peak	Horizontal
1333.0	63.8	-16.8	47.0	82.3	-35.3	Peak	Vertical
2453.5	65.4	-13.6	51.8	82.3	-30.5	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 7, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
190.5	4.7	15.1	19.8	70.3	-50.5	Quasi-Peak	Horizontal
832.7	3.8	28.5	32.3	70.3	-38.0	Quasi-Peak	Horizontal
38.2	7.5	17.2	24.7	70.3	-45.6	Quasi-Peak	Vertical
838.0	0.3	28.6	28.9	70.3	-41.4	Quasi-Peak	Vertical
5003.5	53.9	-7.0	46.9	70.3	-23.4	Peak	Horizontal
7511.0	52.4	-0.5	51.9	70.3	-18.4	Peak	Horizontal
5003.5	51.2	-7.0	44.2	70.3	-26.1	Peak	Vertical
7511.0	47.8	-0.5	47.3	70.3	-23.0	Peak	Vertical
Middle Channel							
193.4	5.0	14.8	19.8	70.3	-50.5	Quasi-Peak	Horizontal
838.5	3.1	28.6	31.7	70.3	-38.6	Quasi-Peak	Horizontal
42.1	9.4	17.8	27.2	70.3	-43.1	Quasi-Peak	Vertical
706.1	4.5	27.3	31.8	70.3	-38.5	Quasi-Peak	Vertical
5071.5	52.0	-6.6	45.4	70.3	-24.9	Peak	Horizontal
7604.5	51.5	-0.3	51.2	70.3	-19.1	Peak	Horizontal
5071.5	50.8	-6.6	44.2	70.3	-26.1	Peak	Vertical
7604.5	46.3	-0.3	46.0	70.3	-24.3	Peak	Vertical
High Channel							
190.5	5.7	15.1	20.8	70.3	-49.5	Quasi-Peak	Horizontal
836.1	2.8	28.6	31.4	70.3	-38.9	Quasi-Peak	Horizontal
38.2	8.0	17.2	25.2	70.3	-45.1	Quasi-Peak	Vertical
837.0	-1.9	28.7	26.8	70.3	-43.5	Quasi-Peak	Vertical
5139.5	51.8	-6.6	45.2	70.3	-25.1	Peak	Horizontal
7706.5	53.3	-0.6	52.7	70.3	-17.6	Peak	Horizontal
5131.0	51.6	-6.7	44.9	70.3	-25.4	Peak	Vertical
7706.5	46.2	-0.6	45.6	70.3	-24.7	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz and

above 18GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 12, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
66.9	5.6	16.3	21.9	82.3	-60.4	Quasi-Peak	Horizontal
948.1	6.3	29.7	36.0	82.3	-46.3	Quasi-Peak	Horizontal
68.8	5.3	15.9	21.2	82.3	-61.1	Quasi-Peak	Vertical
929.7	3.3	29.7	33.0	82.3	-49.3	Quasi-Peak	Vertical
1255.0	57.9	-9.0	48.9	82.3	-33.4	Peak	Horizontal
15314.0	34.1	19.4	53.5	82.3	-28.8	Peak	Horizontal
1620.5	50.8	-7.6	43.2	82.3	-39.1	Peak	Vertical
15110.0	35.4	19.3	54.7	82.3	-27.6	Peak	Vertical
Middle Channel							
68.8	6.7	15.9	22.6	82.3	-59.7	Quasi-Peak	Horizontal
925.8	6.4	29.6	36.0	82.3	-46.3	Quasi-Peak	Horizontal
68.8	11.3	15.9	27.2	82.3	-55.1	Quasi-Peak	Vertical
973.8	5.6	29.7	35.3	82.3	-47.0	Quasi-Peak	Vertical
1272.0	48.9	-9.2	39.7	82.3	-42.6	Peak	Horizontal
17906.5	30.7	23.3	54.0	82.3	-28.3	Peak	Horizontal
1263.5	46.0	-9.1	36.9	82.3	-45.4	Peak	Vertical
15110.0	34.6	19.3	53.9	82.3	-28.4	Peak	Vertical
High Channel							
195.9	19.8	14.5	34.3	82.3	-48.0	Quasi-Peak	Horizontal
952.0	7.4	29.8	37.2	82.3	-45.1	Quasi-Peak	Horizontal
68.8	18.3	15.9	34.2	82.3	-48.1	Quasi-Peak	Vertical
896.2	7.9	29.7	37.6	82.3	-44.7	Quasi-Peak	Vertical
1263.5	49.8	-9.1	40.7	82.3	-41.6	Peak	Horizontal
17201.0	32.4	21.2	53.6	82.3	-28.7	Peak	Horizontal
1272.0	45.0	-9.2	35.8	82.3	-46.5	Peak	Vertical
16512.5	33.5	20.3	53.8	82.3	-28.5	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 13, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
632.4	14.8	25.6	40.4	82.3	-41.9	Quasi-Peak	Horizontal
895.2	15.4	29.6	45.0	82.3	-37.3	Quasi-Peak	Horizontal
67.3	17.1	16.2	33.3	82.3	-49.0	Quasi-Peak	Vertical
938.4	15.4	29.8	45.2	82.3	-37.1	Quasi-Peak	Vertical
1603.5	39.7	-7.5	32.2	55.3	-23.1	Peak	Horizontal
15322.5	35.7	19.5	55.2	82.3	-27.1	Peak	Horizontal
1586.5	40.8	-7.6	33.2	55.3	-22.1	Peak	Vertical
15059.0	35.4	18.5	53.9	82.3	-28.4	Peak	Vertical
Middle Channel							
68.8	16.6	15.9	32.5	82.3	-49.8	Quasi-Peak	Horizontal
958.3	14.4	29.7	44.1	82.3	-38.2	Quasi-Peak	Horizontal
597.9	14.4	25.5	39.9	82.3	-42.4	Quasi-Peak	Vertical
960.7	12.7	29.9	42.6	82.3	-39.7	Quasi-Peak	Vertical
1586.5	39.7	-7.6	32.1	55.3	-23.2	Peak	Horizontal
17677.0	33.4	22.2	55.6	82.3	-26.7	Peak	Horizontal
1586.5	39.9	-7.6	32.3	55.3	-23.0	Peak	Vertical
17014.0	33.3	21.3	54.6	82.3	-27.7	Peak	Vertical
High Channel							
68.8	17.9	15.9	33.8	82.3	-48.5	Quasi-Peak	Horizontal
954.4	13.7	29.9	43.6	82.3	-38.7	Quasi-Peak	Horizontal
67.3	16.9	16.2	33.1	82.3	-49.2	Quasi-Peak	Vertical
917.1	15.7	29.6	45.3	82.3	-37.0	Quasi-Peak	Vertical
1569.5	40.3	-7.7	32.6	55.3	-22.7	Peak	Horizontal
17116.0	33.6	21.5	55.1	82.3	-27.2	Peak	Horizontal
1569.5	40.1	-7.7	32.4	55.3	-22.9	Peak	Vertical
15356.5	34.7	19.8	54.5	82.3	-27.8	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 38, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
192.0	3.7	14.9	18.6	70.3	-51.7	Quasi-Peak	Horizontal
828.8	-1.6	28.4	26.8	70.3	-43.5	Quasi-Peak	Horizontal
38.2	7.9	17.2	25.1	70.3	-45.2	Quasi-Peak	Vertical
190.1	8.5	15.2	23.7	70.3	-46.6	Quasi-Peak	Vertical
7715.0	39.2	8.3	47.5	70.3	-22.8	Peak	Horizontal
17864.0	33.7	22.1	55.8	70.3	-14.5	Peak	Horizontal
7715.0	38.1	8.3	46.4	70.3	-23.9	Peak	Vertical
17583.5	32.2	22.9	55.1	70.3	-15.2	Peak	Vertical
Middle Channel							
193.0	7.1	14.8	21.9	70.3	-48.4	Quasi-Peak	Horizontal
837.5	-2.6	28.7	26.1	70.3	-44.2	Quasi-Peak	Horizontal
38.2	10.7	17.2	27.9	70.3	-42.4	Quasi-Peak	Vertical
931.6	-3.7	29.7	26.0	70.3	-44.3	Quasi-Peak	Vertical
7783.0	41.2	8.4	49.6	70.3	-20.7	Peak	Horizontal
17796.0	32.9	23.0	55.9	70.3	-14.4	Peak	Horizontal
7791.5	39.7	8.4	48.1	70.3	-22.2	Peak	Vertical
17345.5	33.6	21.6	55.2	70.3	-15.1	Peak	Vertical
High Channel							
194.4	5.8	14.7	20.5	70.3	-49.8	Quasi-Peak	Horizontal
836.1	-3.6	28.6	25.0	70.3	-45.3	Quasi-Peak	Horizontal
38.2	7.9	17.2	25.1	70.3	-45.2	Quasi-Peak	Vertical
193.0	10.0	14.8	24.8	70.3	-45.5	Quasi-Peak	Vertical
7851.0	38.9	8.5	47.4	70.3	-22.9	Peak	Horizontal
15790.0	34.6	19.7	54.3	70.3	-16.0	Peak	Horizontal
5233.0	41.6	5.0	46.6	70.3	-23.7	Peak	Vertical
17243.5	33.5	21.9	55.4	70.3	-14.9	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz and

above 18GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Fusco Pan
Test Date	2024-05-06 ~ 2024-05-10	Test Band	Band 41_HPUE, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
192.0	9.1	14.9	24.0	70.3	-46.3	Quasi-Peak	Horizontal
846.3	6.4	28.7	35.1	70.3	-35.2	Quasi-Peak	Horizontal
39.7	12.8	17.4	30.2	70.3	-40.1	Quasi-Peak	Vertical
846.7	1.9	28.7	30.6	70.3	-39.7	Quasi-Peak	Vertical
7494.0	41.8	8.2	50.0	70.3	-20.3	Peak	Horizontal
17575.0	31.9	22.9	54.8	70.3	-15.5	Peak	Horizontal
12492.0	35.7	14.5	50.2	70.3	-20.1	Peak	Vertical
17949.0	31.4	23.2	54.6	70.3	-15.7	Peak	Vertical
Middle Channel							
193.4	8.5	14.8	23.3	70.3	-47.0	Quasi-Peak	Horizontal
835.1	6.2	28.5	34.7	70.3	-35.6	Quasi-Peak	Horizontal
38.2	10.3	17.2	27.5	70.3	-42.8	Quasi-Peak	Vertical
843.3	3.1	28.6	31.7	70.3	-38.6	Quasi-Peak	Vertical
7774.5	41.5	8.4	49.9	70.3	-20.4	Peak	Horizontal
17252.0	33.4	21.9	55.3	70.3	-15.0	Peak	Horizontal
5182.0	44.1	5.1	49.2	70.3	-21.1	Peak	Vertical
17575.0	32.6	22.9	55.5	70.3	-14.8	Peak	Vertical
High Channel							
206.5	10.2	14.4	24.6	70.3	-45.7	Quasi-Peak	Horizontal
815.2	4.3	28.3	32.6	70.3	-37.7	Quasi-Peak	Horizontal
36.3	7.2	17.0	24.2	70.3	-46.1	Quasi-Peak	Vertical
821.5	2.1	28.3	30.4	70.3	-39.9	Quasi-Peak	Vertical
5377.5	43.4	6.0	49.4	70.3	-20.9	Peak	Horizontal
17473.0	33.4	22.2	55.6	70.3	-14.7	Peak	Horizontal
5377.5	47.3	6.0	53.3	70.3	-17.0	Peak	Vertical
18000.0	33.0	22.5	55.5	70.3	-14.8	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz and

above 18GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC1	Test Engineer	Oliver Cheng
Test Date	2024-05-13	Test Band	Intra-Band CA_41C, 1RB, QPSK

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Low Channel							
202.2	4.5	14.3	18.8	70.3	-51.5	Quasi-Peak	Horizontal
839.5	6.8	28.6	35.4	70.3	-34.9	Quasi-Peak	Horizontal
39.2	8.9	17.3	26.2	70.3	-44.1	Quasi-Peak	Vertical
145.9	7.3	18.4	25.7	70.3	-44.6	Quasi-Peak	Vertical
4995.0	38.5	5.2	43.7	70.3	-26.6	Peak	Horizontal
17583.5	32.8	22.9	55.7	70.3	-14.6	Peak	Horizontal
6482.5	36.5	7.5	44.0	70.3	-26.3	Peak	Vertical
17813.0	31.4	23.8	55.2	70.3	-15.1	Peak	Vertical
Middle Channel							
53.8	-5.4	17.9	12.5	70.3	-57.8	Quasi-Peak	Horizontal
839.0	6.6	28.6	35.2	70.3	-35.1	Quasi-Peak	Horizontal
51.3	7.2	17.9	25.1	70.3	-45.2	Quasi-Peak	Vertical
832.7	-4.3	28.5	24.2	70.3	-46.1	Quasi-Peak	Vertical
5165.0	37.7	5.2	42.9	70.3	-27.4	Peak	Horizontal
17855.5	33.6	22.1	55.7	70.3	-14.6	Peak	Horizontal
11004.5	35.2	12.9	48.1	70.3	-22.2	Peak	Vertical
17592.0	32.2	22.8	55.0	70.3	-15.3	Peak	Vertical
High Channel							
52.3	-2.1	17.9	15.8	70.3	-54.5	Quasi-Peak	Horizontal
845.8	3.5	28.7	32.2	70.3	-38.1	Quasi-Peak	Horizontal
39.2	9.2	17.3	26.5	70.3	-43.8	Quasi-Peak	Vertical
722.6	3.3	27.3	30.6	70.3	-39.7	Quasi-Peak	Vertical
3669.0	43.9	1.5	45.4	70.3	-24.9	Peak	Horizontal
17898.0	31.2	23.1	54.3	70.3	-16.0	Peak	Horizontal
2666.0	66.1	-2.7	63.4	70.3	-6.9	Peak	Vertical
12330.5	34.1	14.6	48.7	70.3	-21.6	Peak	Vertical

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note2: The peak-detection value will always be equal to or greater than average-detection value. In a result, the peak-detection value measured by spectrum analyzer shall represent the worst-case results.

Note 3: The amplitude of Radiated transmitter spurious emissions (Frequency range from 9kHz to 30MHz and

above 18GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Appendix B - Test Setup Photograph

Refer to “2404RSU035-UT” file.

Appendix C - EUT Photograph

Refer to “2404RSU035-UE” file.