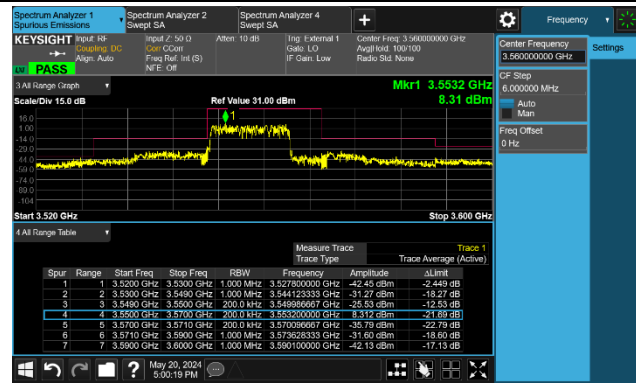
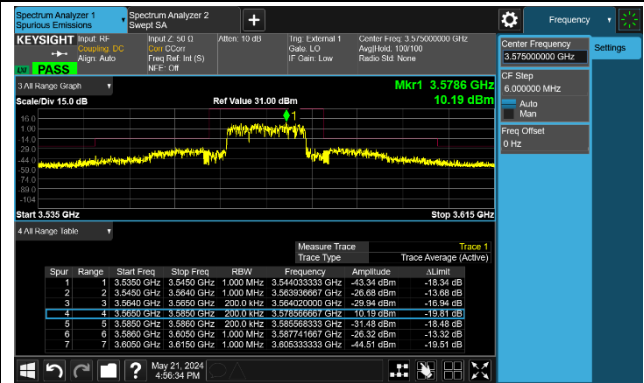


15MHz Channel Bandwidth - Full RB

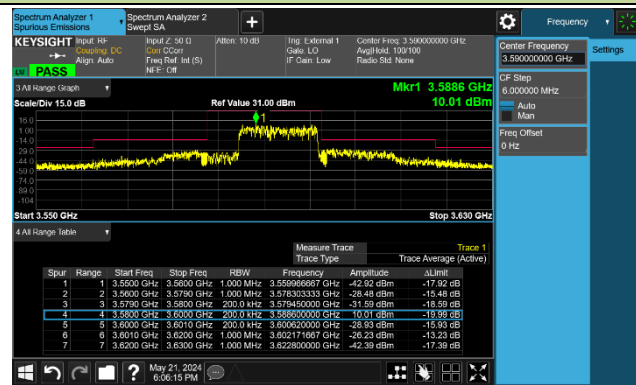
Low Channel



Middle Channel

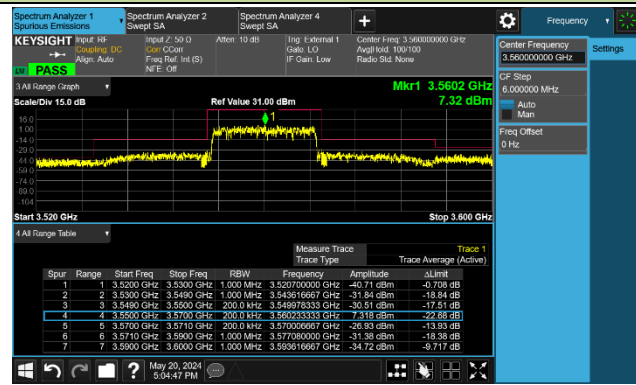


High Channel

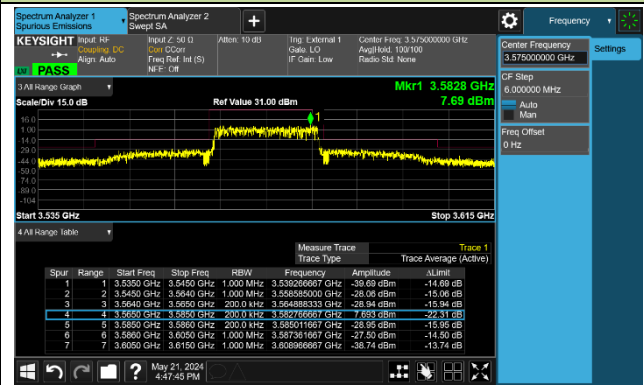


20MHz Channel Bandwidth - Full RB

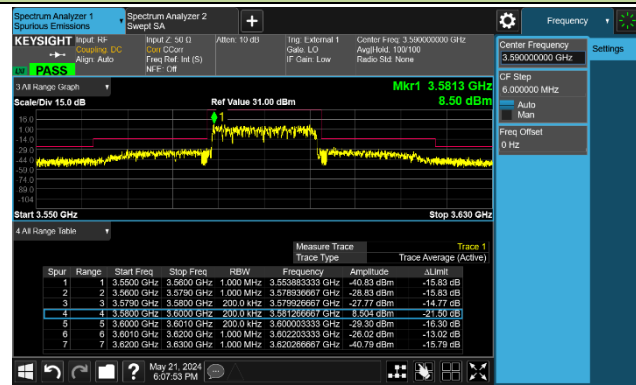
Low Channel



Middle Channel



High Channel



Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-20 ~ 202405-25	Test Band	LTE Band 43

5MHz Channel Bandwidth - 1RB

Low Channel_1RB_Low

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5800 GHz	3.5900 GHz	1.000 MHz	3.58816667 GHz	-47.02 dBm	-22.02 dB
2	2	3.5900 GHz	3.5990 GHz	100.0 kHz	3.598175000 GHz	-41.57 dBm	-26.57 dB
3	3	3.5990 GHz	3.6000 GHz	100.0 kHz	3.599960000 GHz	-43.75 dBm	-0.745 dB
4	4	3.6000 GHz	3.6100 GHz	100.0 kHz	3.600333333 GHz	-47.24 dBm	-3.656 dB
5	5	3.6100 GHz	3.6110 GHz	100.0 kHz	3.610333333 GHz	-54.84 dBm	-41.84 dB
6	6	3.6110 GHz	3.6200 GHz	1.000 MHz	3.611550000 GHz	-44.07 dBm	-31.67 dB
7	7	3.6200 GHz	3.6300 GHz	1.000 MHz	3.626516667 GHz	-50.41 dBm	-25.41 dB

Low Channel_1RB_Low - Extended

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5500 GHz	3.5600 GHz	1.000 MHz	3.558166667 GHz	-47.02 dBm	-22.02 dB
2	2	3.5600 GHz	3.5690 GHz	100.0 kHz	3.558175000 GHz	-41.57 dBm	-26.57 dB
3	3	3.5690 GHz	3.5700 GHz	100.0 kHz	3.569960000 GHz	-43.75 dBm	-0.745 dB
4	4	3.5700 GHz	3.5800 GHz	100.0 kHz	3.570333333 GHz	-47.24 dBm	-3.656 dB
5	5	3.5800 GHz	3.5810 GHz	100.0 kHz	3.580333333 GHz	-54.84 dBm	-41.84 dB
6	6	3.5810 GHz	3.5900 GHz	1.000 MHz	3.581550000 GHz	-44.07 dBm	-31.67 dB
7	7	3.5900 GHz	3.6000 GHz	1.000 MHz	3.596516667 GHz	-50.41 dBm	-25.41 dB

Low Channel_1RB_High

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5800 GHz	3.5900 GHz	1.000 MHz	3.582333333 GHz	-48.92 dBm	-23.92 dB
2	2	3.5900 GHz	3.5990 GHz	1.000 MHz	3.597480000 GHz	-44.08 dBm	-31.08 dB
3	3	3.5990 GHz	3.6000 GHz	100.0 kHz	3.599016667 GHz	-40.89 dBm	-27.89 dB
4	4	3.6000 GHz	3.6100 GHz	100.0 kHz	3.602866667 GHz	-21.58 dBm	-3.422 dB
5	5	3.6100 GHz	3.6110 GHz	100.0 kHz	3.610333333 GHz	-52.33 dBm	-39.33 dB
6	6	3.6110 GHz	3.6200 GHz	1.000 MHz	3.611570000 GHz	-45.46 dBm	-32.46 dB
7	7	3.6200 GHz	3.6300 GHz	1.000 MHz	3.620500000 GHz	-48.73 dBm	-23.73 dB

Middle Channel_1RB_Low

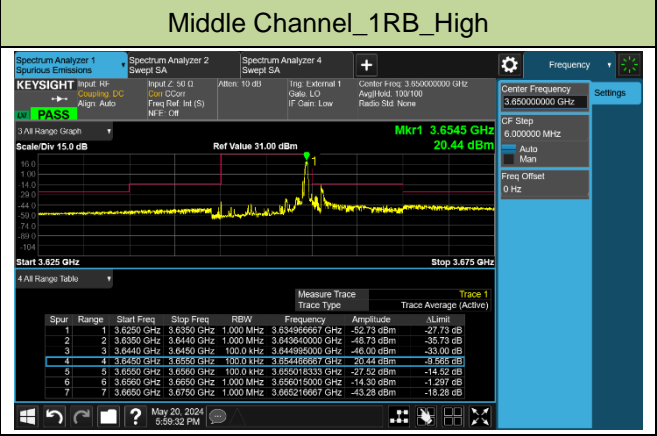
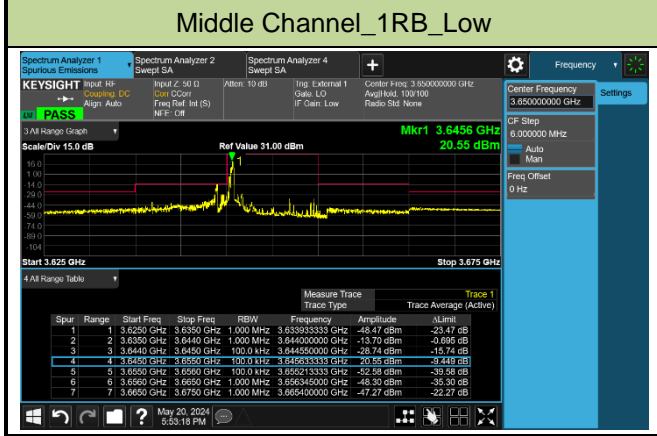
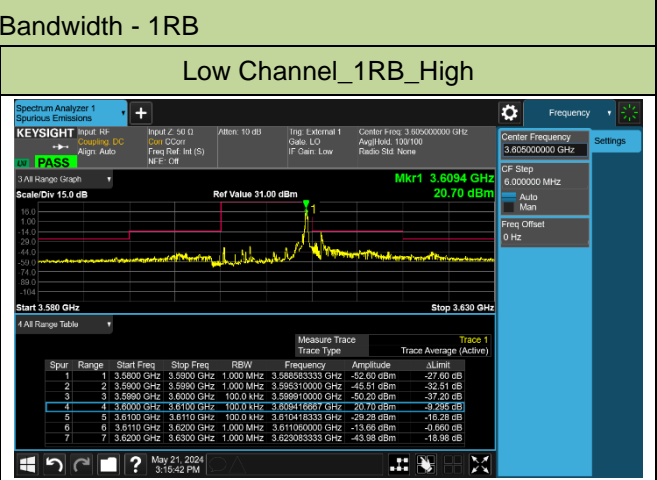
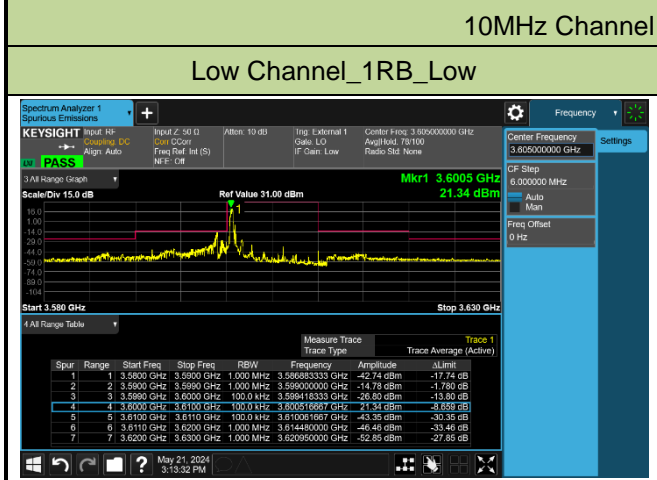
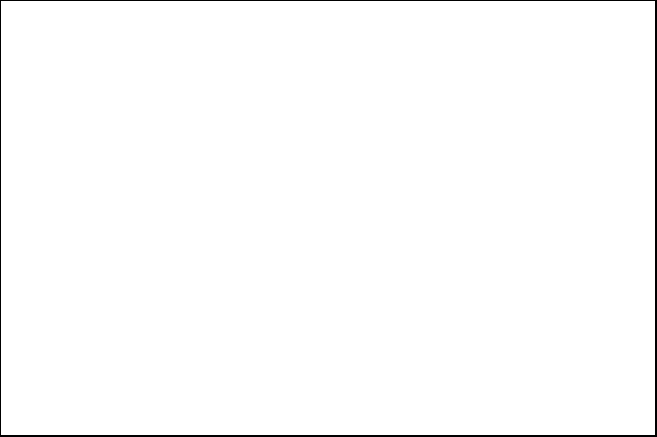
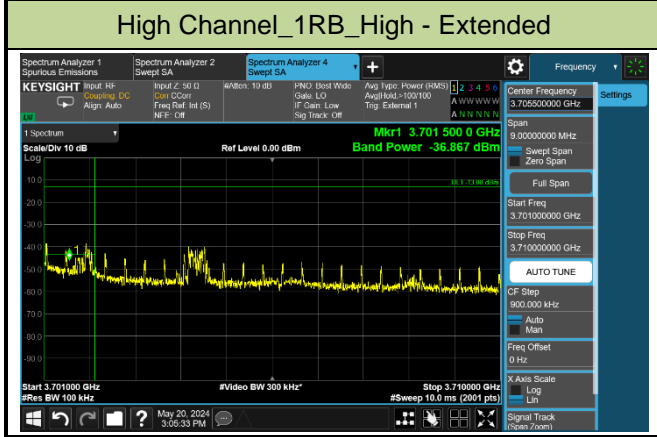
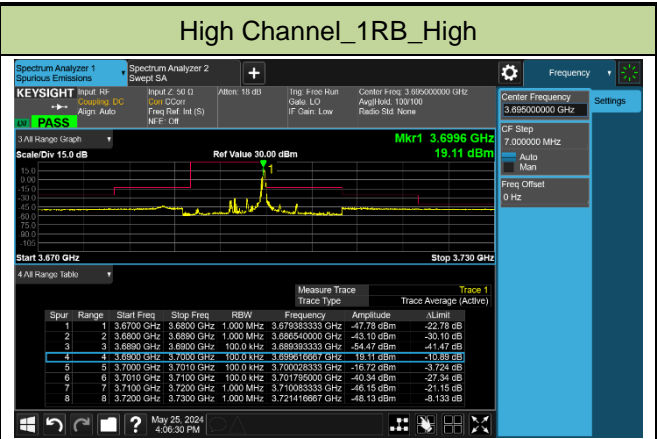
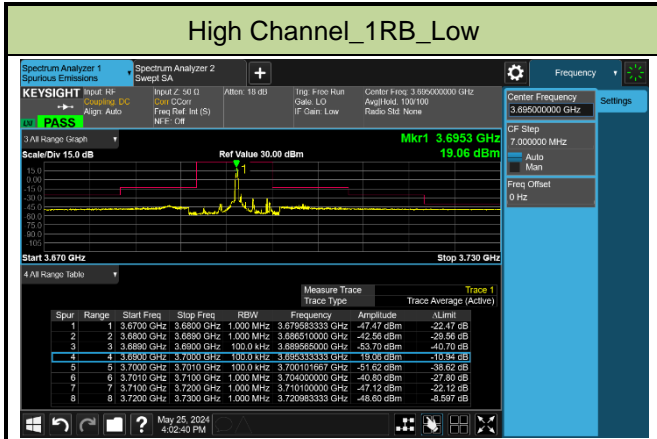
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.6250 GHz	3.6350 GHz	1.000 MHz	3.633850000 GHz	-46.04 dBm	-21.04 dB
2	2	3.6350 GHz	3.6440 GHz	1.000 MHz	3.642800000 GHz	-40.45 dBm	-27.45 dB
3	3	3.6440 GHz	3.6450 GHz	100.0 kHz	3.644833333 GHz	-46.45 dBm	-26.45 dB
4	4	3.6450 GHz	3.6550 GHz	100.0 kHz	3.647816667 GHz	-21.18 dBm	-3.824 dB
5	5	3.6550 GHz	3.6560 GHz	100.0 kHz	3.655296667 GHz	-52.07 dBm	-39.07 dB
6	6	3.6560 GHz	3.6650 GHz	1.000 MHz	3.658415000 GHz	-42.93 dBm	-29.93 dB
7	7	3.6650 GHz	3.6750 GHz	1.000 MHz	3.667833333 GHz	-43.85 dBm	-18.85 dB

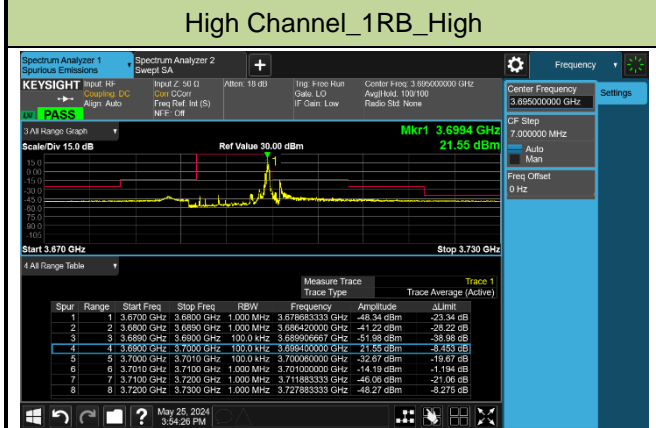
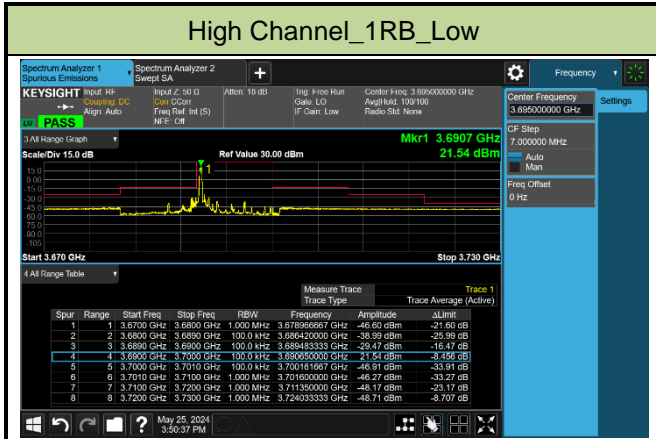
Middle Channel_1RB_Low

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.6250 GHz	3.6350 GHz	1.000 MHz	3.633850000 GHz	-46.04 dBm	-21.04 dB
2	2	3.6350 GHz	3.6440 GHz	1.000 MHz	3.642800000 GHz	-40.45 dBm	-27.45 dB
3	3	3.6440 GHz	3.6450 GHz	100.0 kHz	3.644833333 GHz	-46.45 dBm	-26.45 dB
4	4	3.6450 GHz	3.6550 GHz	100.0 kHz	3.647816667 GHz	-21.18 dBm	-3.824 dB
5	5	3.6550 GHz	3.6560 GHz	100.0 kHz	3.655296667 GHz	-52.07 dBm	-39.07 dB
6	6	3.6560 GHz	3.6650 GHz	1.000 MHz	3.658415000 GHz	-42.93 dBm	-29.93 dB
7	7	3.6650 GHz	3.6750 GHz	1.000 MHz	3.667833333 GHz	-43.85 dBm	-18.85 dB

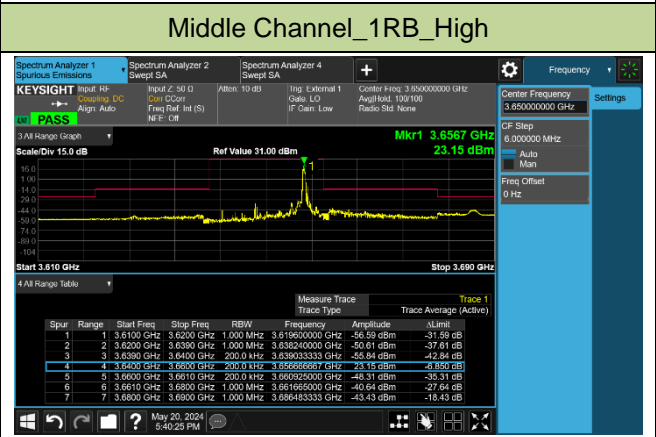
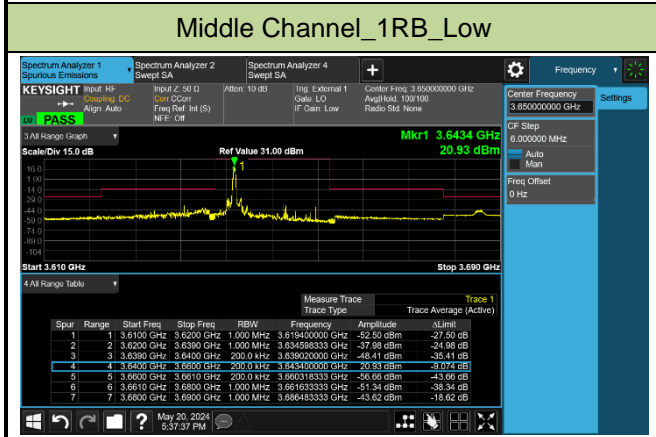
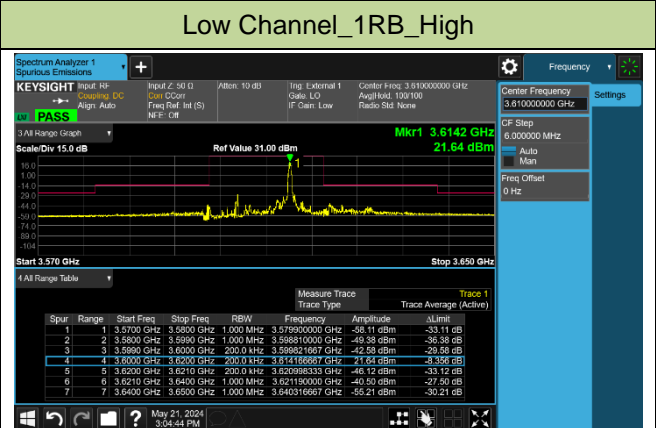
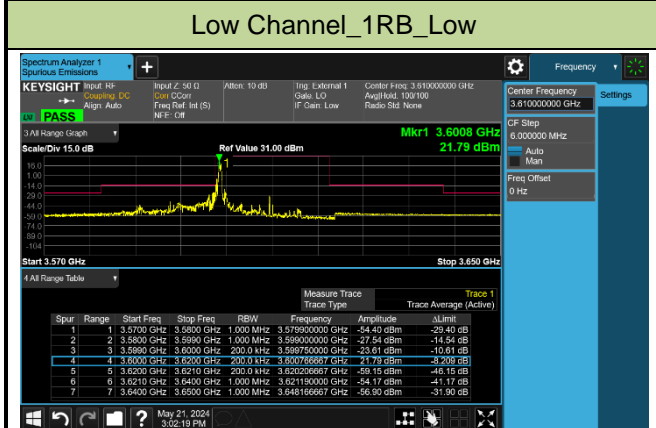
Middle Channel_1RB_High

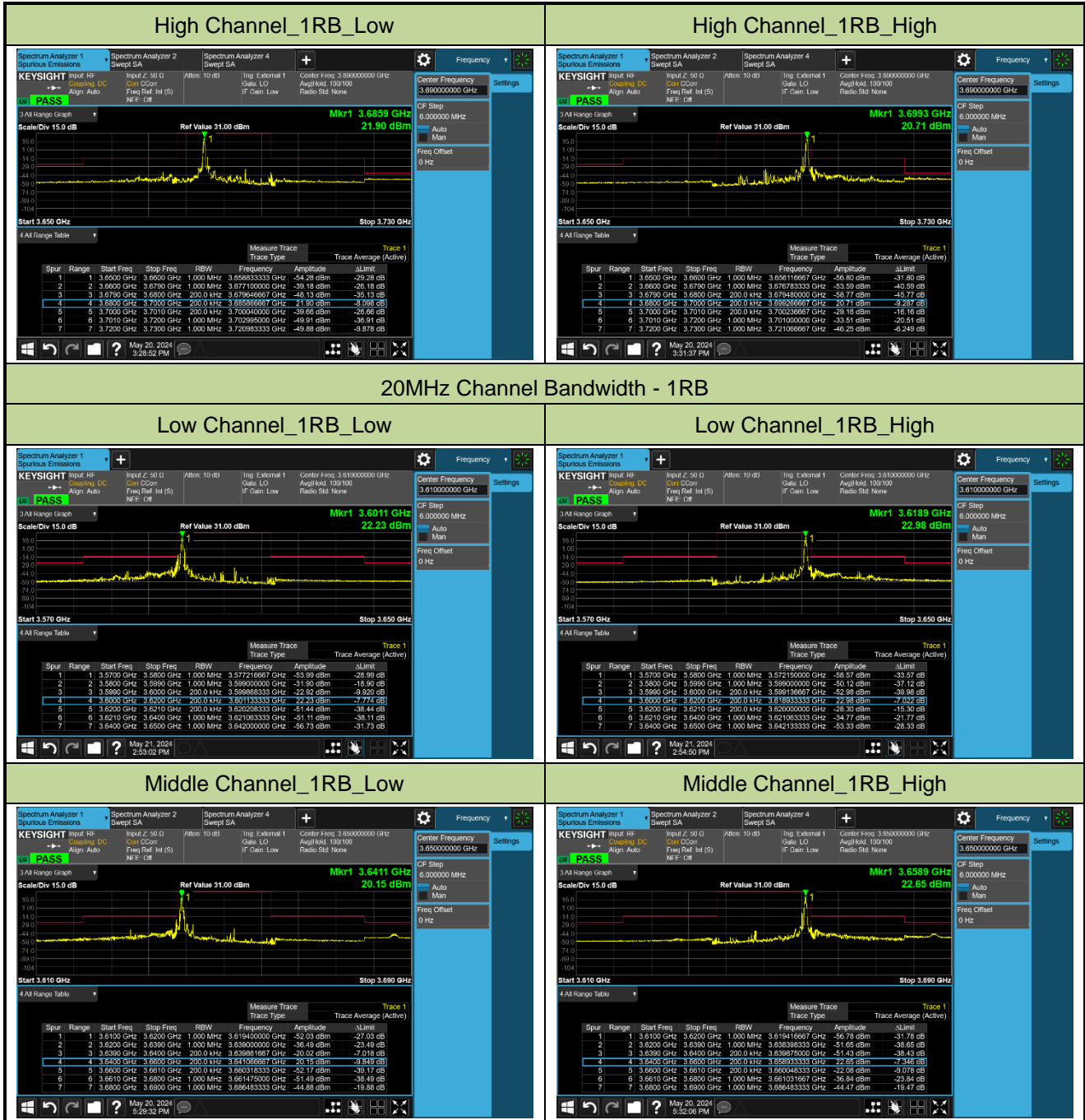
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.6250 GHz	3.6350 GHz	1.000 MHz	3.633866667 GHz	-48.27 dBm	-23.27 dB
2	2	3.6350 GHz	3.6440 GHz	1.000 MHz	3.642800000 GHz	-43.73 dBm	-30.73 dB
3	3	3.6440 GHz	3.6450 GHz	100.0 kHz	3.644831667 GHz	-43.88 dBm	-40.88 dB
4	4	3.6450 GHz	3.6550 GHz	100.0 kHz	3.649183333 GHz	-20.62 dBm	-3.778 dB
5	5	3.6550 GHz	3.6560 GHz	100.0 kHz	3.656233333 GHz	-49.79 dBm	-36.79 dB
6	6	3.6560 GHz	3.6650 GHz	1.000 MHz	3.658415000 GHz	-41.61 dBm	-26.61 dB
7	7	3.6650 GHz	3.6750 GHz	1.000 MHz	3.667833333 GHz	-40.86 dBm	-15.86 dB

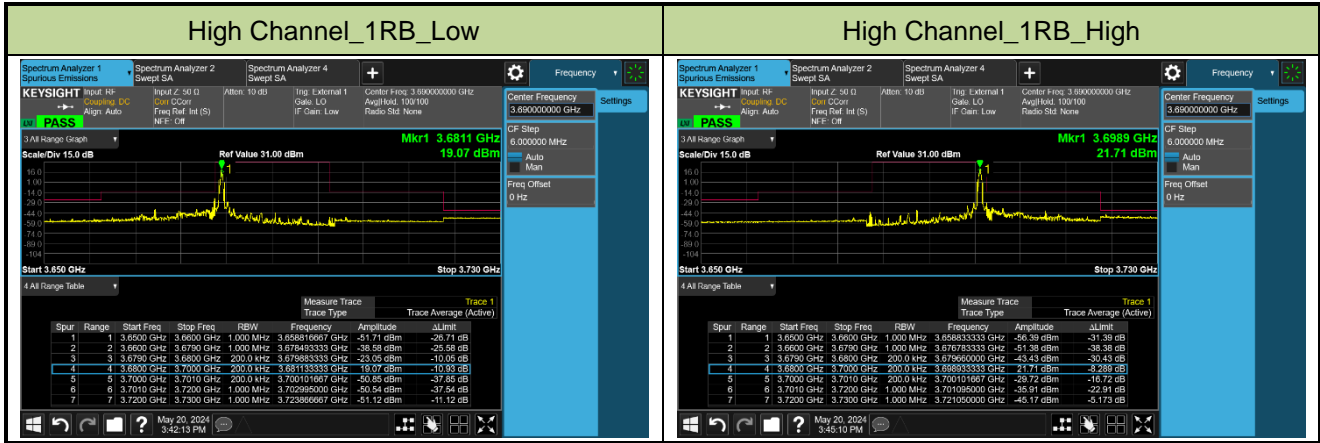




15MHz Channel Bandwidth - 1RB

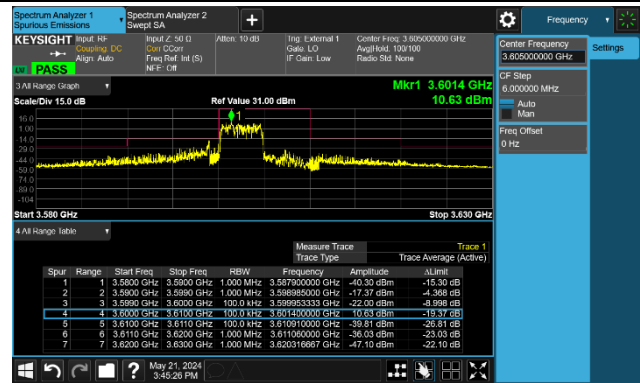




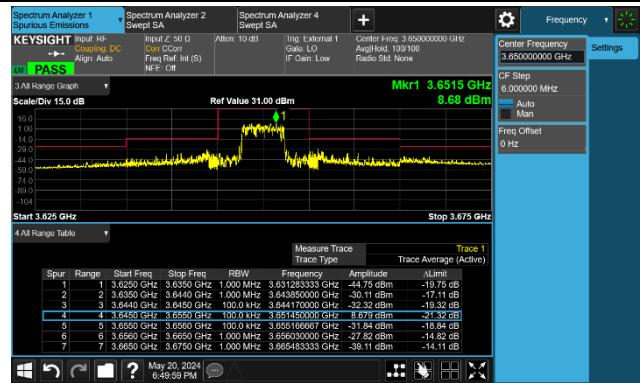


5MHz Channel Bandwidth - Full RB

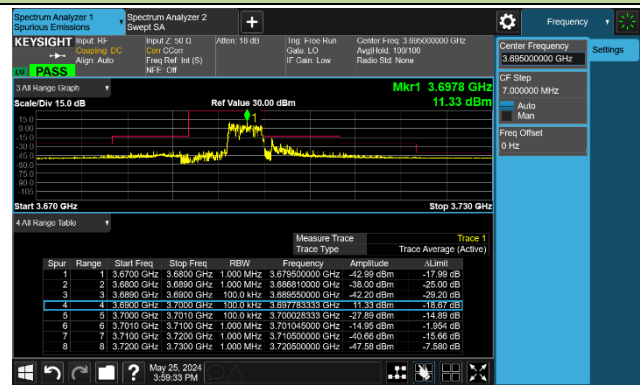
Low Channel



Middle Channel

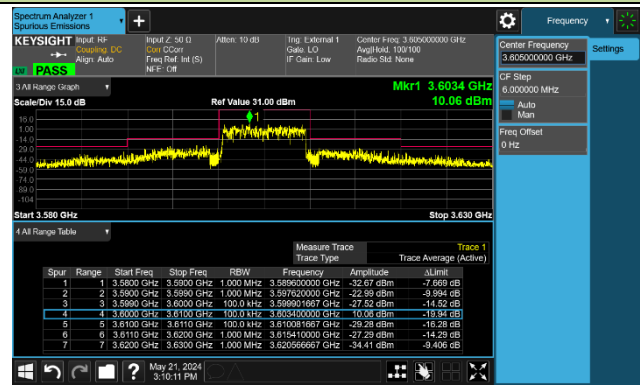


High Channel

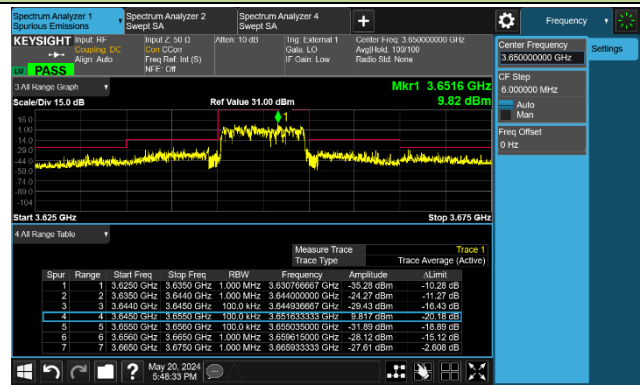


10MHz Channel Bandwidth - Full RB

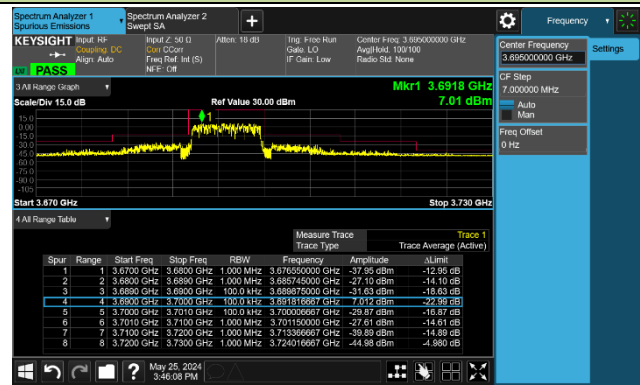
Low Channel



Middle Channel

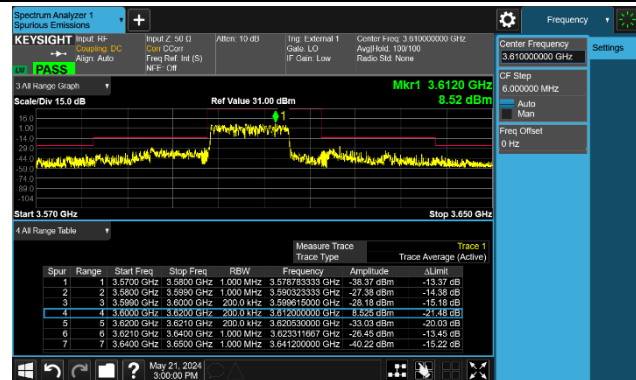


High Channel

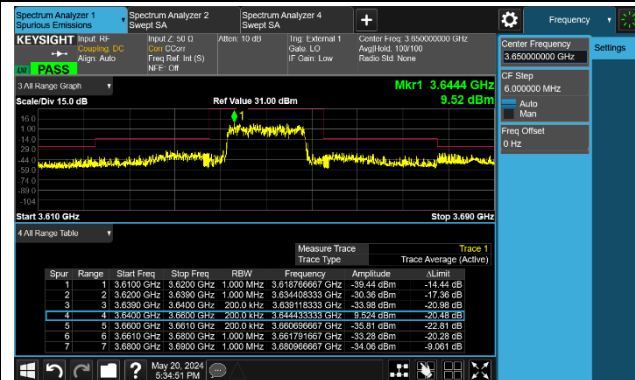


15MHz Channel Bandwidth - Full RB

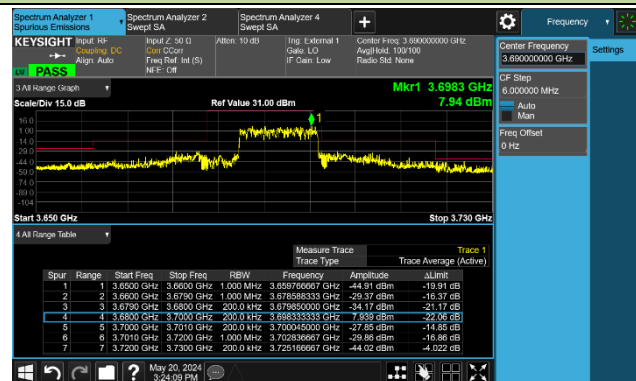
Low Channel



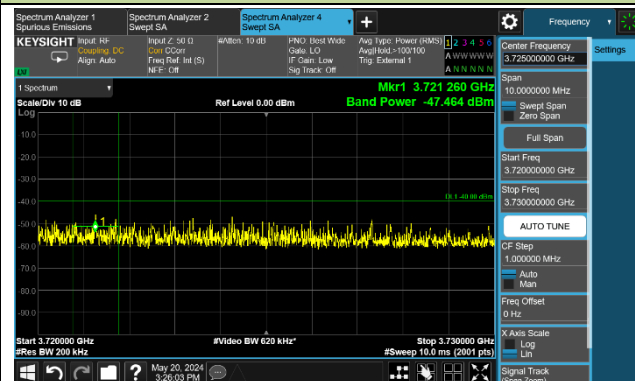
Middle Channel



High Channel_Full RB

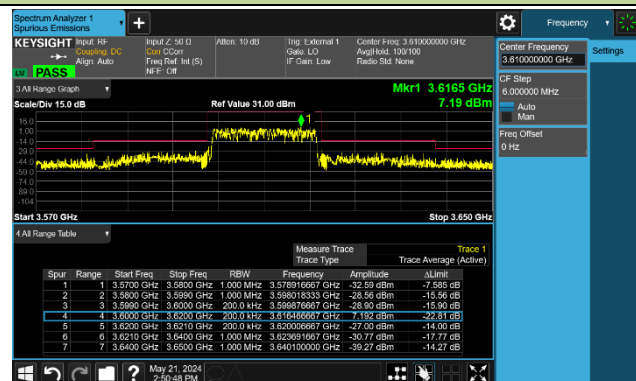


High Channel_Full RB - Extended

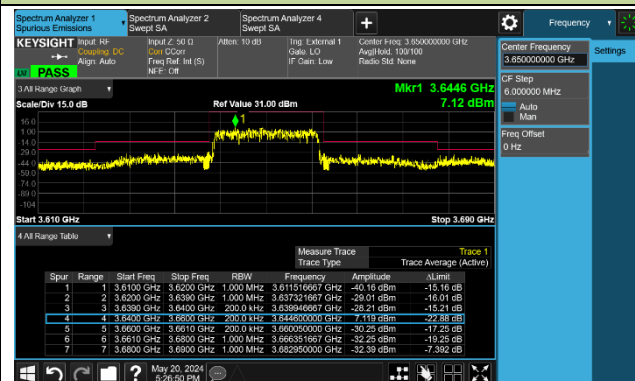


20MHz Channel Bandwidth - Full RB

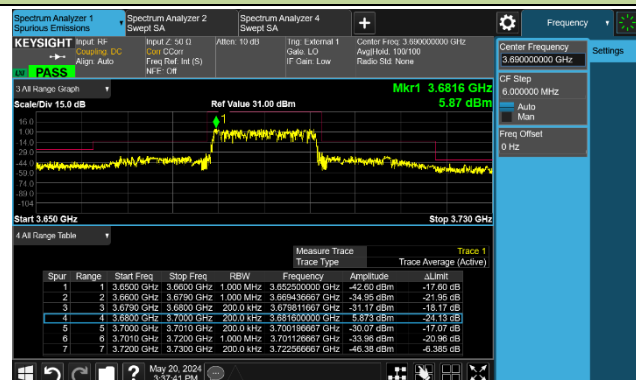
Low Channel



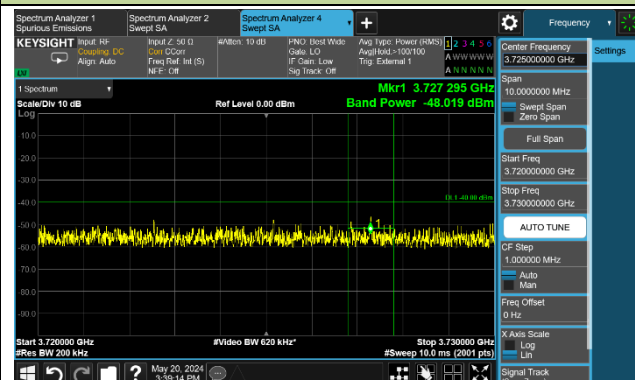
Middle Channel



High Channel



High Channel - Extended



Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-20~2024-05-25	Test Band	LTE Band 48

5MHz Channel Bandwidth - 1RB

Low Channel_1RB_Low

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.529183333 GHz	-49.33 dBm	-9.239 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.539200000 GHz	-46.61 dBm	-21.61 dB
3	3	3.5400 GHz	3.5490 GHz	100.0 kHz	3.548160000 GHz	-36.06 dBm	-22.06 dB
4	4	3.5490 GHz	3.5500 GHz	100.0 kHz	3.550000000 GHz	-13.29 dBm	-0.292 dB
5	5	3.5500 GHz	3.5600 GHz	100.0 kHz	3.559200000 GHz	-41.95 dBm	-41.95 dB
6	6	3.5600 GHz	3.5610 GHz	100.0 kHz	3.560443333 GHz	-56.66 dBm	-42.66 dB
7	7	3.5610 GHz	3.5700 GHz	1.000 MHz	3.562720000 GHz	-47.10 dBm	-34.10 dB
8	8	3.5700 GHz	3.5800 GHz	1.000 MHz	3.576966667 GHz	-46.78 dBm	-26.78 dB

Low Channel_1RB_Low - Extended

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.540000 GHz	3.549000 GHz	100 kHz	3.5481045 GHz	-32.895 dBm	-32.895 dBm

Low Channel_1RB_High

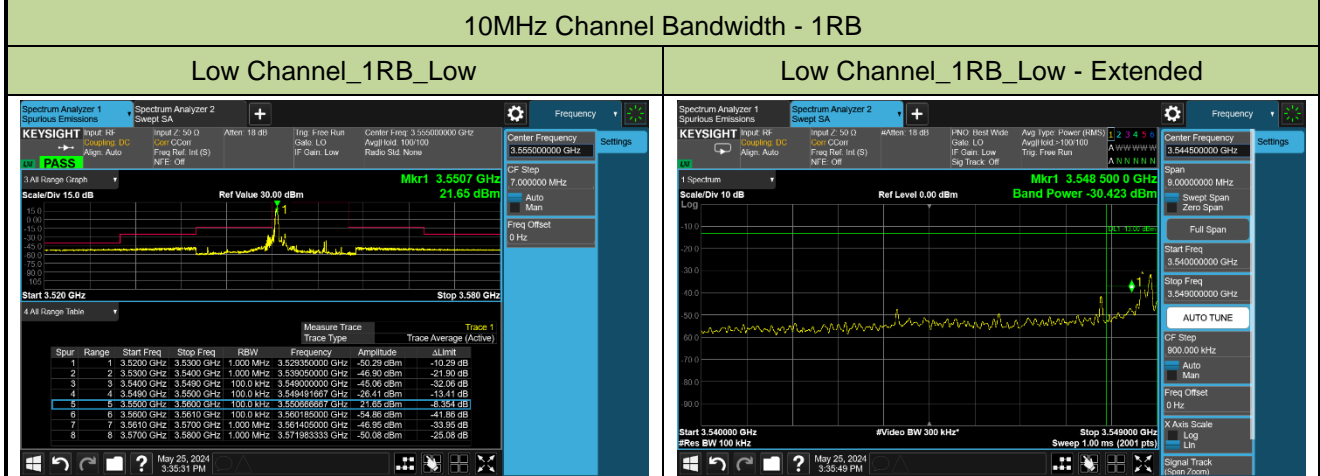
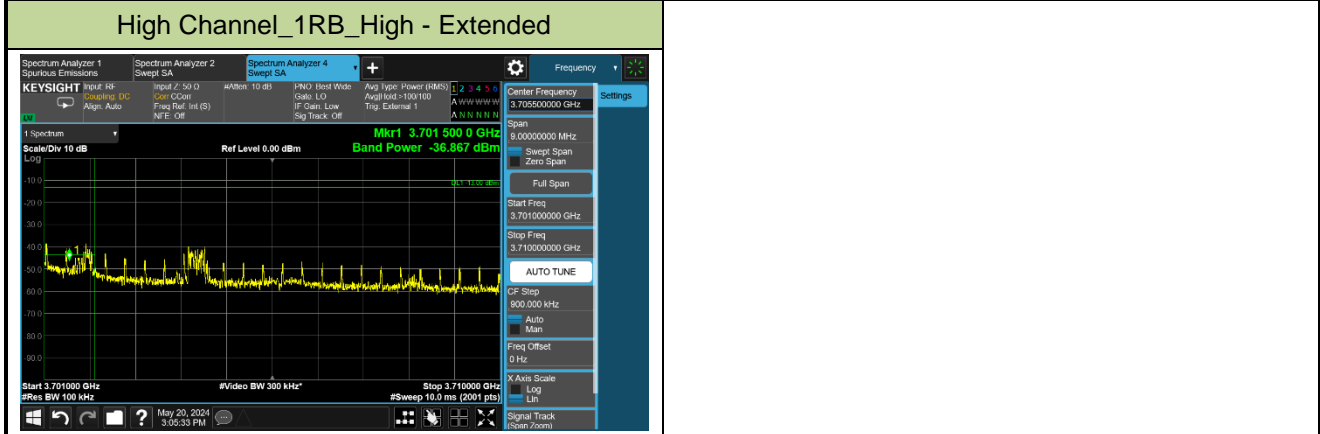
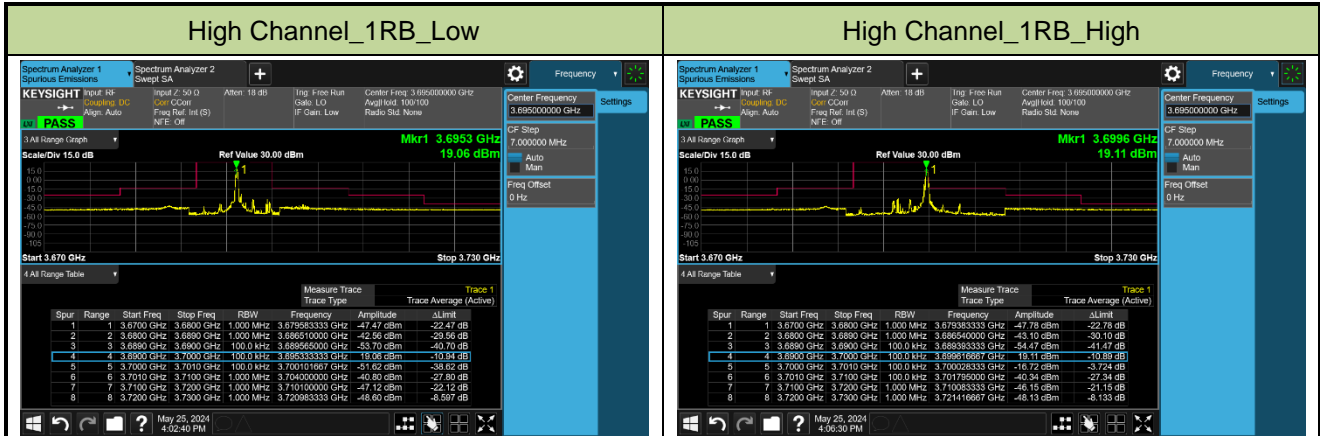
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5200 GHz	3.5300 GHz	1.000 MHz	3.530000000 GHz	-51.16 dBm	-11.16 dB
2	2	3.5300 GHz	3.5400 GHz	1.000 MHz	3.537933333 GHz	-47.80 dBm	-22.80 dB
3	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.544150000 GHz	-43.76 dBm	-20.76 dB
4	4	3.5490 GHz	3.5500 GHz	100.0 kHz	3.549666667 GHz	-51.61 dBm	-38.61 dB
5	5	3.5500 GHz	3.5600 GHz	100.0 kHz	3.557100000 GHz	-40.98 dBm	-30.98 dB
6	6	3.5600 GHz	3.5610 GHz	100.0 kHz	3.560100000 GHz	-63.08 dBm	-40.08 dB
7	7	3.5610 GHz	3.5700 GHz	1.000 MHz	3.561300000 GHz	-44.76 dBm	-31.76 dB
8	8	3.5700 GHz	3.5800 GHz	1.000 MHz	3.571200000 GHz	-49.17 dBm	-24.17 dB

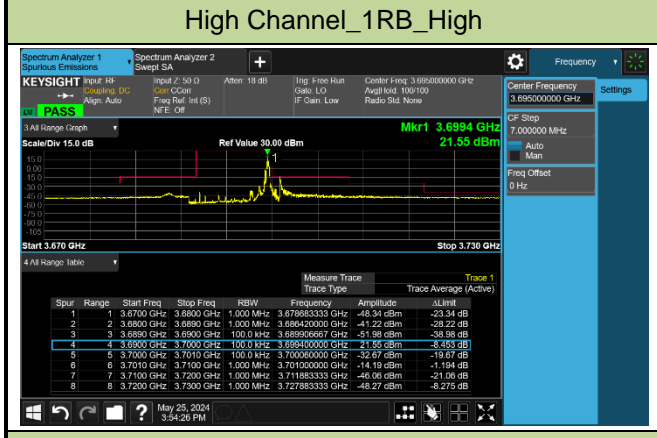
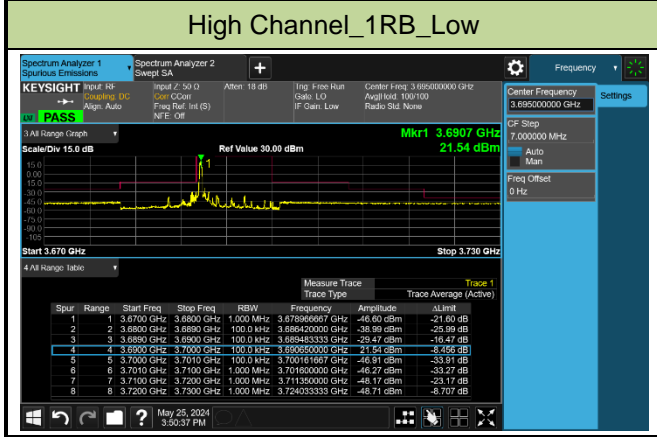
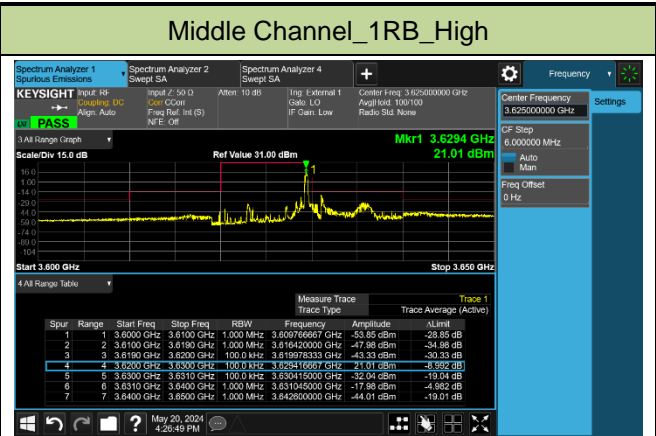
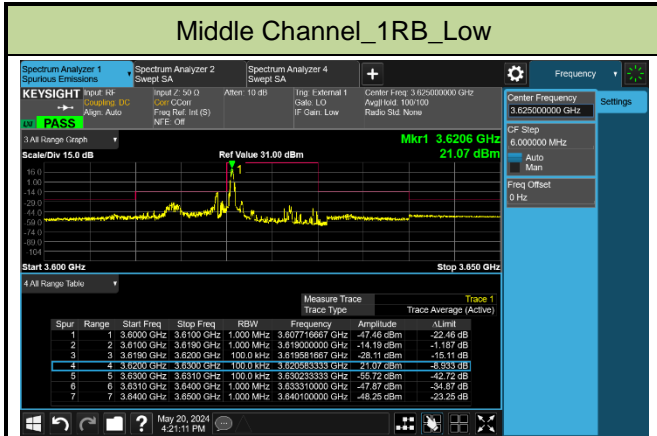
Middle Channel_1RB_Low

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.6000 GHz	3.6100 GHz	1.000 MHz	3.609850000 GHz	-48.73 dBm	-23.73 dB
2	2	3.6100 GHz	3.6190 GHz	1.000 MHz	3.616300000 GHz	-30.10 dBm	-17.10 dB
3	3	3.6190 GHz	3.6200 GHz	100.0 kHz	3.619890000 GHz	-52.50 dBm	-39.50 dB
4	4	3.6200 GHz	3.6300 GHz	100.0 kHz	3.629850000 GHz	20.24 dBm	-9.759 dB
5	5	3.6300 GHz	3.6310 GHz	100.0 kHz	3.630306667 GHz	-52.04 dBm	-38.04 dB
6	6	3.6310 GHz	3.6400 GHz	1.000 MHz	3.637200000 GHz	-43.56 dBm	-30.56 dB
7	7	3.6400 GHz	3.6500 GHz	1.000 MHz	3.649833333 GHz	-47.20 dBm	-22.20 dB

Middle Channel_1RB_High

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.6000 GHz	3.6100 GHz	1.000 MHz	3.609633333 GHz	-52.76 dBm	-27.76 dB
2	2	3.6100 GHz	3.6190 GHz	1.000 MHz	3.616450000 GHz	-42.71 dBm	-20.71 dB
3	3	3.6190 GHz	3.6200 GHz	100.0 kHz	3.619833333 GHz	-56.94 dBm	-43.94 dB
4	4	3.6200 GHz	3.6300 GHz	100.0 kHz	3.6272 GHz	19.47 dBm	-10.53 dB
5	5	3.6300 GHz	3.6310 GHz	100.0 kHz	3.630416667 GHz	-51.65 dBm	-38.65 dB
6	6	3.6310 GHz	3.6400 GHz	1.000 MHz	3.633350000 GHz	-30.33 dBm	-17.33 dB
7	7	3.6400 GHz	3.6500 GHz	1.000 MHz	3.641000000 GHz	-43.84 dBm	-18.84 dB





15MHz Channel Bandwidth - 1RB

