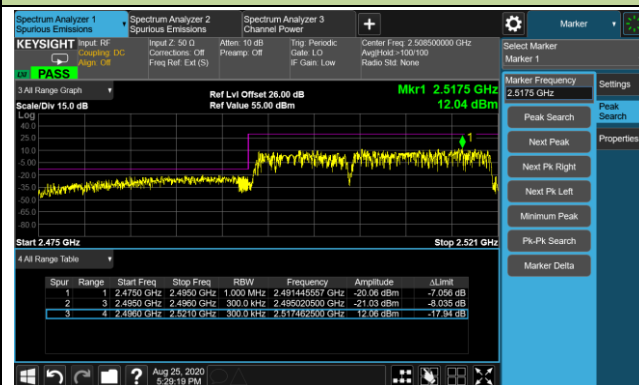
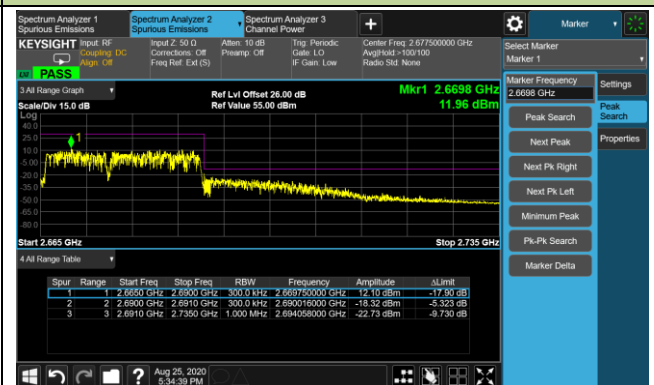


10MHz+15MHz Channel Bandwidth Full RB

Lower ACP

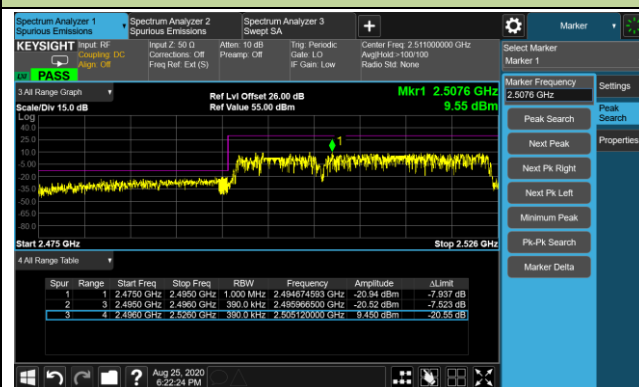


Upper ACP

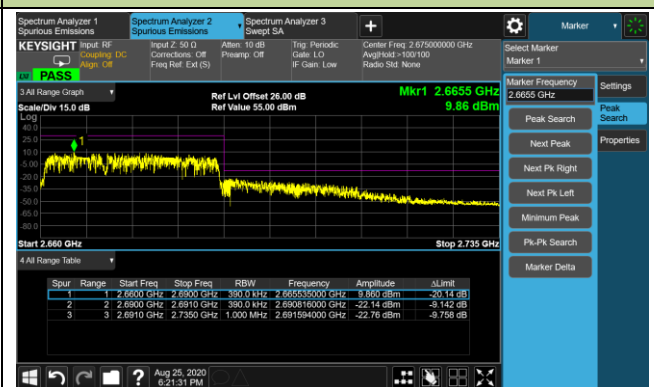


10MHz+20MHz Channel Bandwidth Full RB

Lower ACP

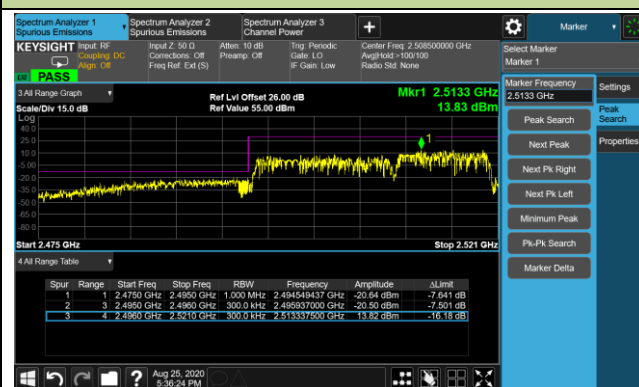


Upper ACP

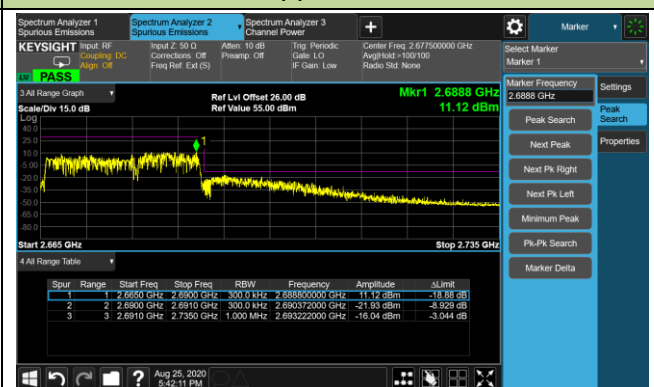


15MHz+10MHz Channel Bandwidth Full RB

Lower ACP



Upper ACP

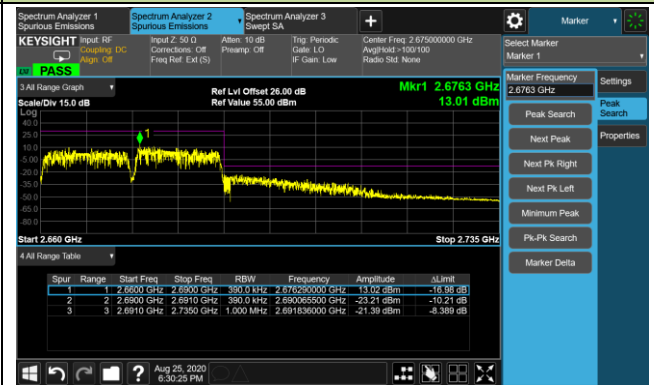


15MHz+15MHz Channel Bandwidth Full RB

Lower ACP

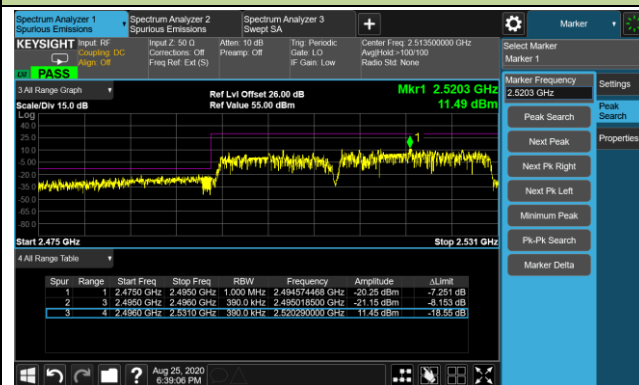


Upper ACP

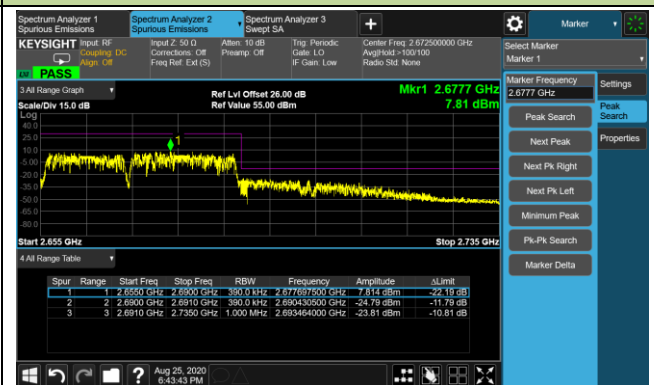


15MHz+20MHz Channel Bandwidth Full RB

Lower ACP

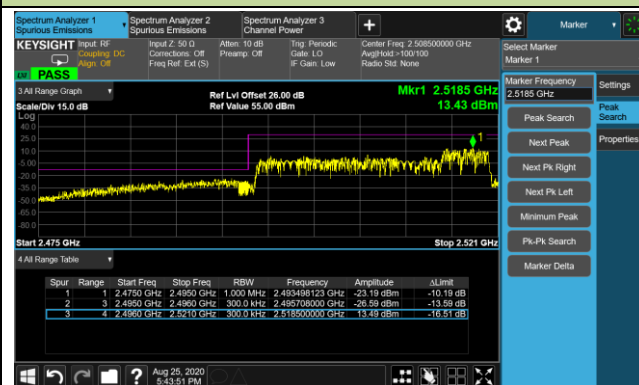


Upper ACP

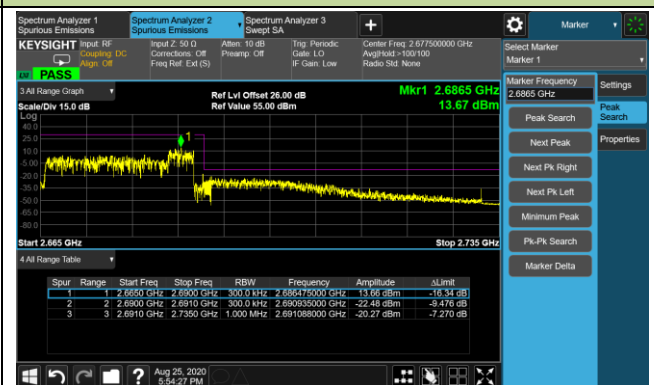


20MHz+5MHz Channel Bandwidth Full RB

Lower ACP

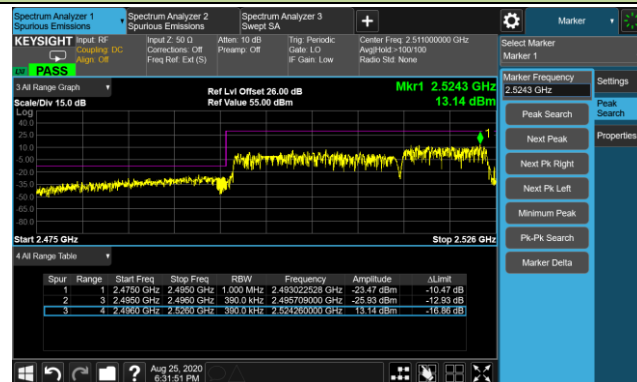


Upper ACP



20MHz+10MHz Channel Bandwidth Full RB

Lower ACP

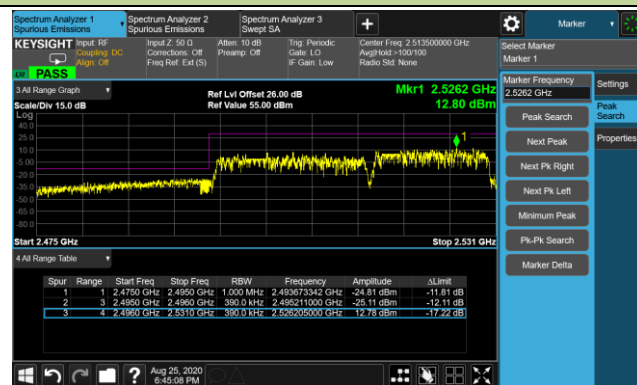


Upper ACP

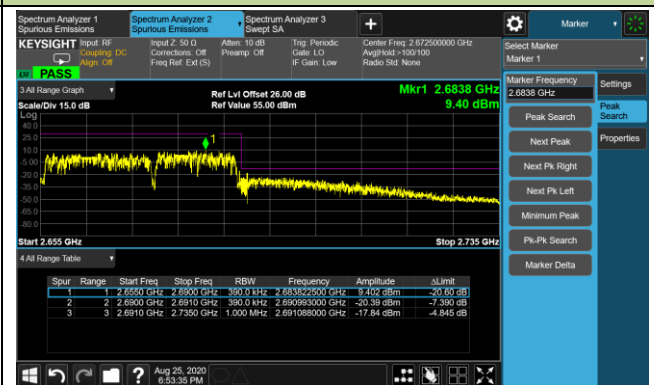


20MHz+15MHz Channel Bandwidth Full RB

Lower ACP



Upper ACP

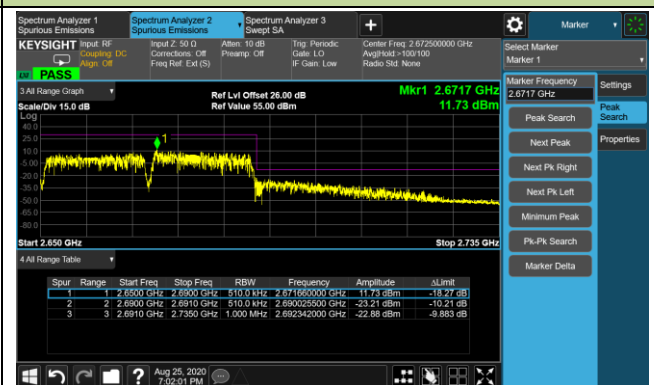


20MHz+20MHz Channel Bandwidth Full RB

Lower ACP



Upper ACP



5.5. Conducted Spurious Emissions

5.5.1. Test Limit

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated, and the worst-case configuration results are reported in this section.

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.

5.5.2. Test Procedure Used

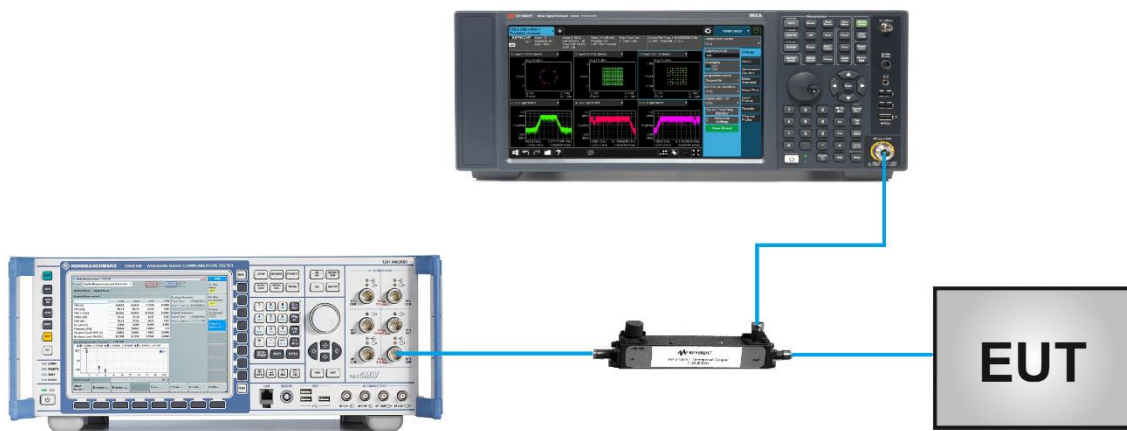
ANSI C63.26-2015 - Section 5.7

5.5.3. Test Setting

1. Set the analyzer frequency to low, mid, high channel.
2. RBW = 1MHz
3. VBW $\geq 3 \times$ RBW
4. Sweep time = auto
5. Detector = power averaging (rms)
6. Set sweep trigger to "free run."
7. User gate triggered such that the analyzer only sweeps when the device is transmitting at full power.
8. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple.

To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

5.5.4. Test Setup



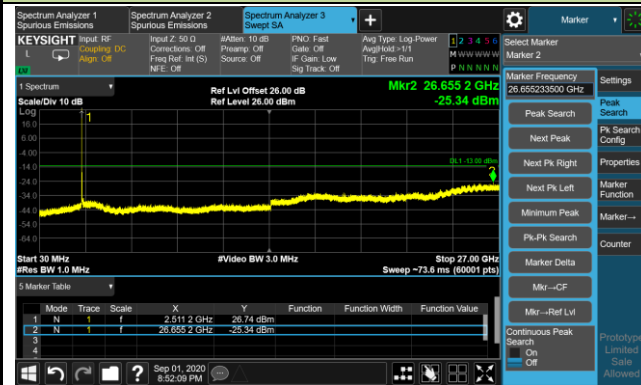
5.5.5.Test Result

Model Number	4G03-A	Test Engineer	Larry Yan
Test Site	SR6	Test Date	2020/09/01
Test Band	Intra-Band CA_7C		

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
2505.5	2519.9	10+20	30 ~ 27000	-25.34	≤ -13.00	Pass
2525.6	2540.0	10+20	30 ~ 27000	-25.35	≤ -13.00	Pass
2545.6	2560.0	10+20	30 ~ 27000	-26.16	≤ -13.00	Pass
2507.5	2519.5	15+10	30 ~ 27000	-26.00	≤ -13.00	Pass
2530.1	2542.1	15+10	30 ~ 27000	-25.87	≤ -13.00	Pass
2552.7	2564.7	15+10	30 ~ 27000	-25.93	≤ -13.00	Pass
2507.5	2522.5	15+15	30 ~ 27000	-26.49	≤ -13.00	Pass
2527.5	2542.5	15+15	30 ~ 27000	-25.49	≤ -13.00	Pass
2547.5	2562.5	15+15	30 ~ 27000	-25.70	≤ -13.00	Pass
2507.8	2524.9	15+20	30 ~ 27000	-25.26	≤ -13.00	Pass
2525.3	2542.4	15+20	30 ~ 27000	-26.07	≤ -13.00	Pass
2542.9	2560.0	15+20	30 ~ 27000	-26.30	≤ -13.00	Pass
2510.0	2524.4	20+10	30 ~ 27000	-26.49	≤ -13.00	Pass
2530.1	2544.5	20+10	30 ~ 27000	-26.32	≤ -13.00	Pass
2550.1	2564.5	20+10	30 ~ 27000	-26.08	≤ -13.00	Pass
2510.0	2527.1	20+15	30 ~ 27000	-26.62	≤ -13.00	Pass
2527.6	2544.7	20+15	30 ~ 27000	-25.04	≤ -13.00	Pass
2545.1	2562.6	20+15	30 ~ 27000	-26.28	≤ -13.00	Pass
2510.0	2529.8	20+20	30 ~ 27000	-26.49	≤ -13.00	Pass
2525.1	2544.9	20+20	30 ~ 27000	-25.33	≤ -13.00	Pass
2540.2	2560.0	20+20	30 ~ 27000	-26.18	≤ -13.00	Pass

10+20MHz Channel Bandwidth

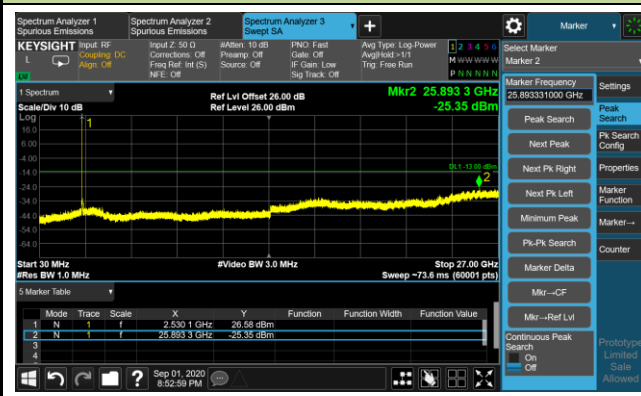
Lowest Channel



Middle Channel/1RB@49 and 1RB@99



Middle Channel/1RB@49 and 1RB@0

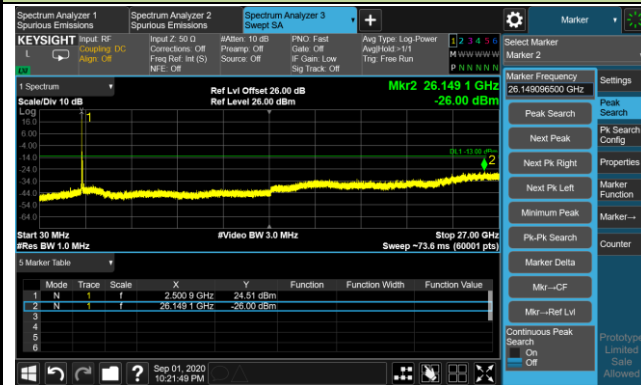


Highest Channel

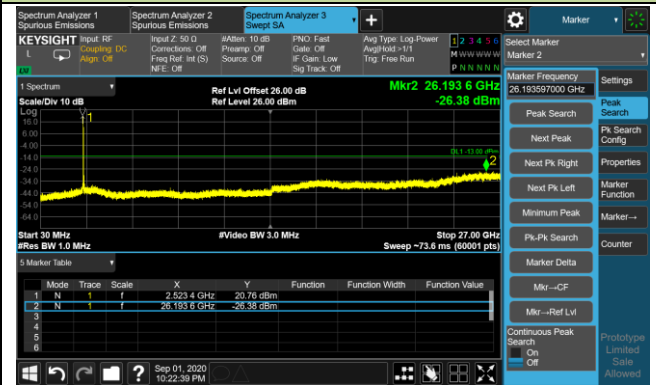


15+10MHz Channel Bandwidth

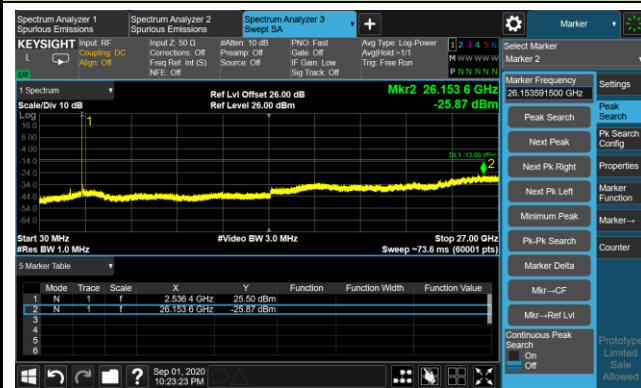
Lowest Channel



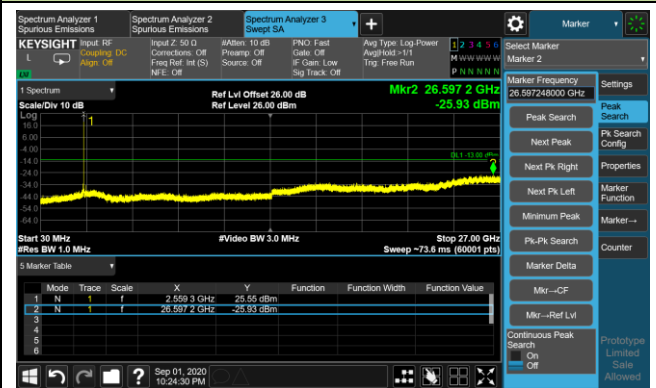
Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@74 and 1RB@0

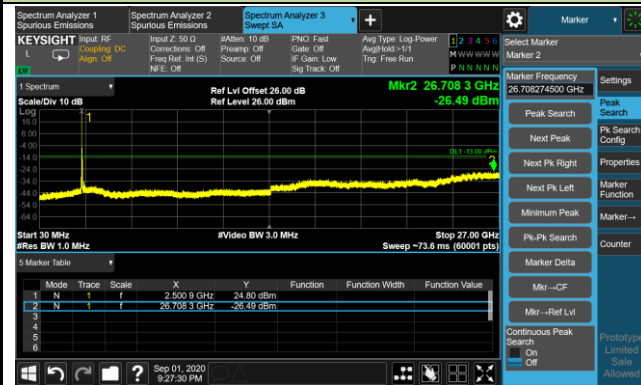


Highest Channel

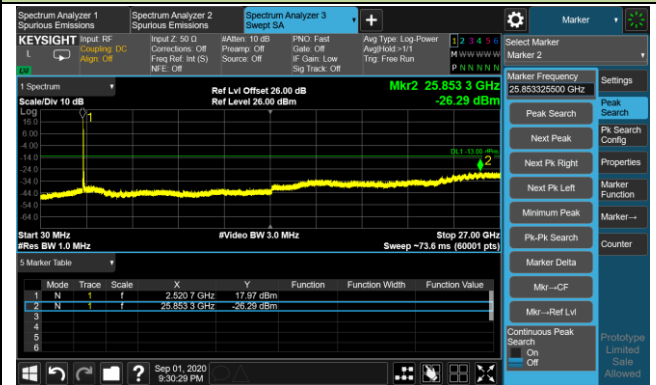


15+15MHz Channel Bandwidth

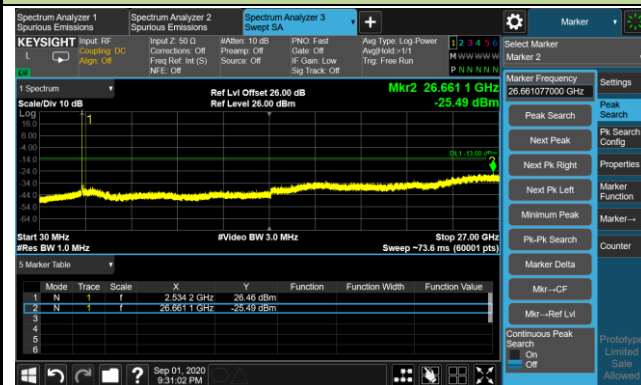
Lowest Channel



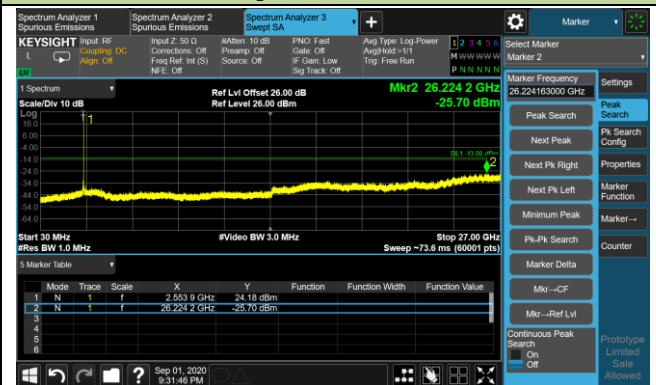
Middle Channel/1RB@0 and 1RB@74



Middle Channel/1RB@74 and 1RB@0

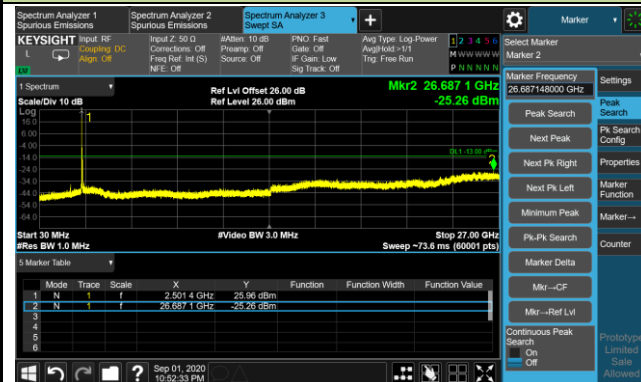


Highest Channel

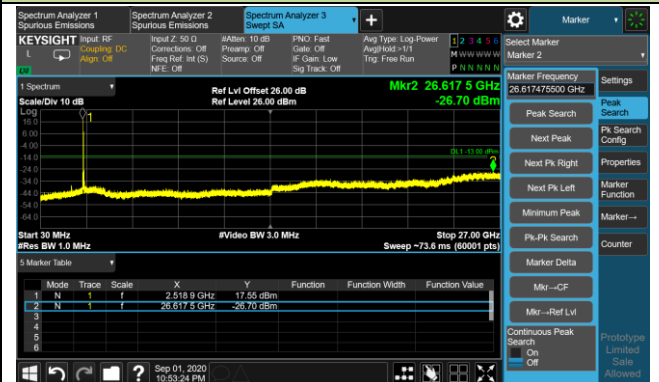


15+20MHz Channel Bandwidth

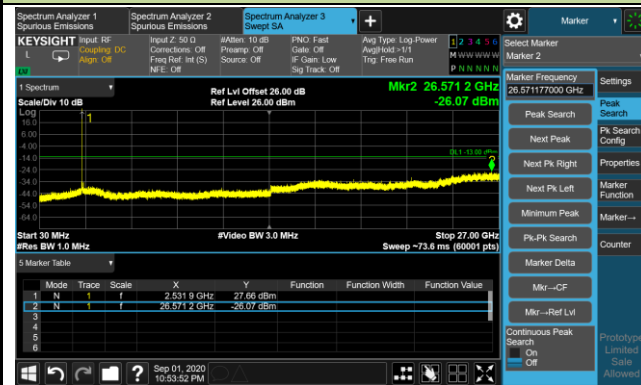
Lowest Channel



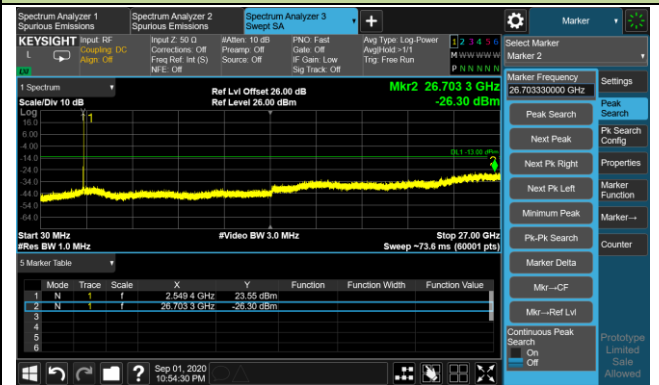
Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@74 and 1RB@0

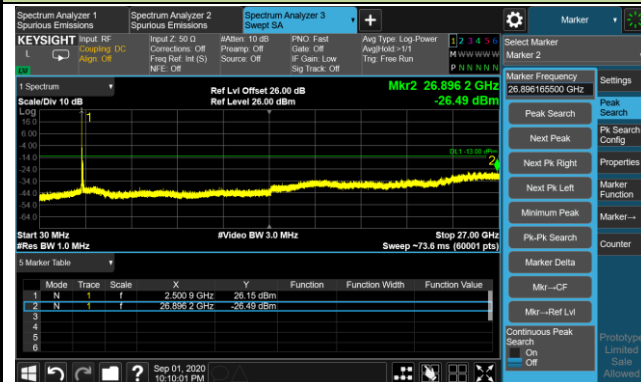


Highest Channel

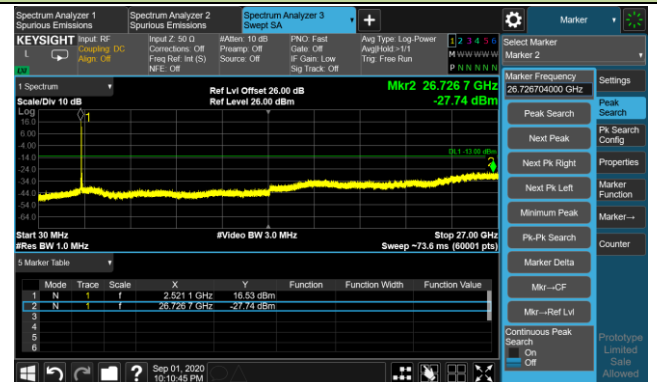


20+10MHz Channel Bandwidth

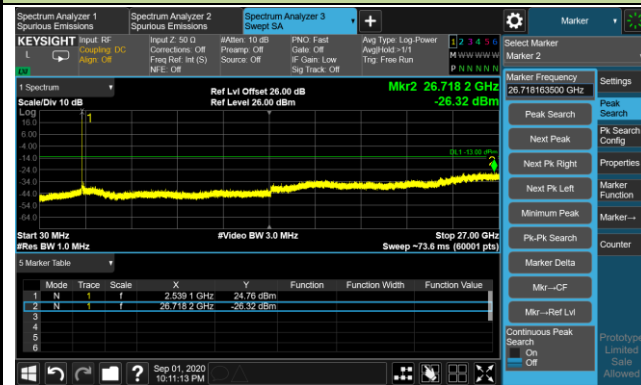
Lowest Channel



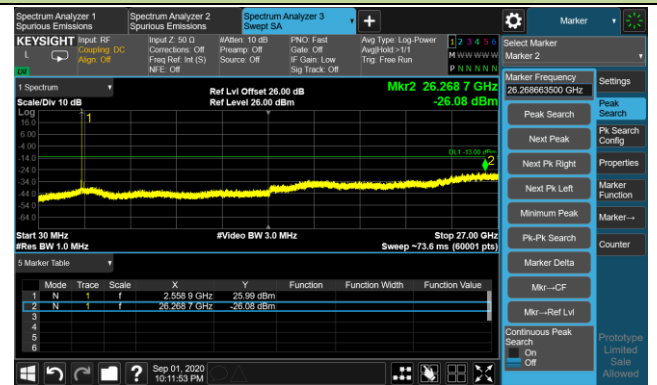
Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@99 and 1RB@0

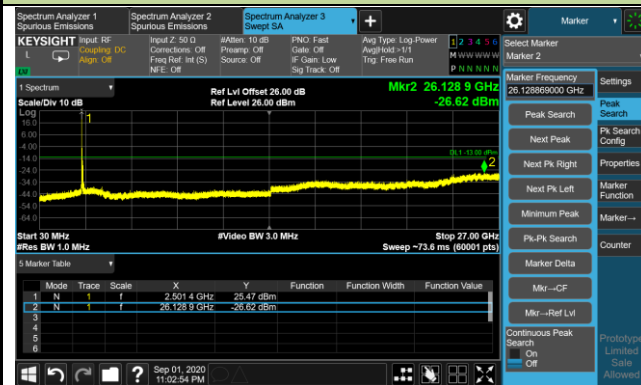


Highest Channel

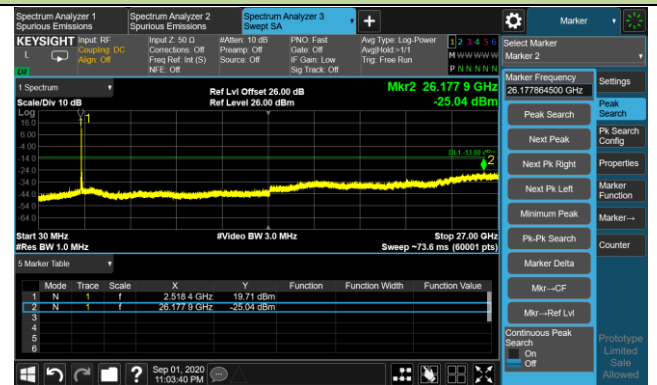


20+15MHz Channel Bandwidth

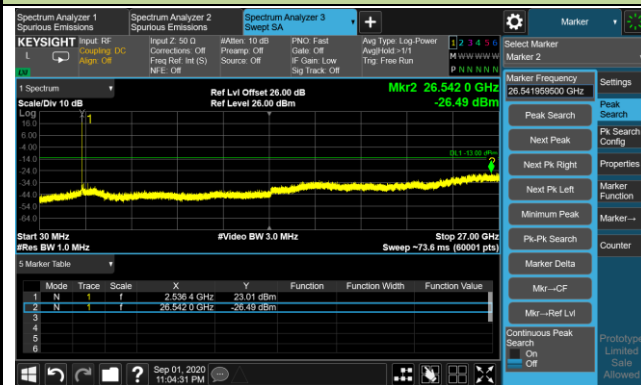
Lowest Channel



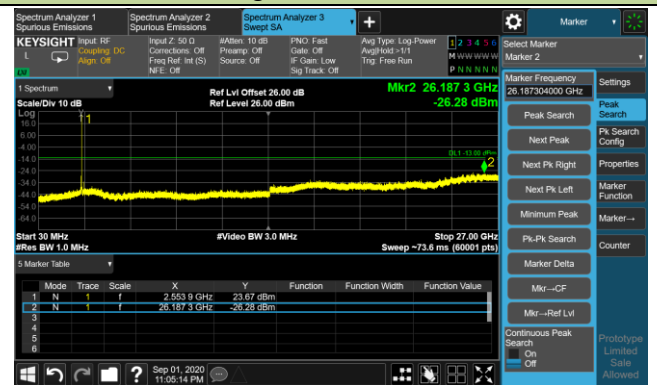
Middle Channel/1RB@0 and 1RB@74



Middle Channel/ 1RB@99 and 1RB@0

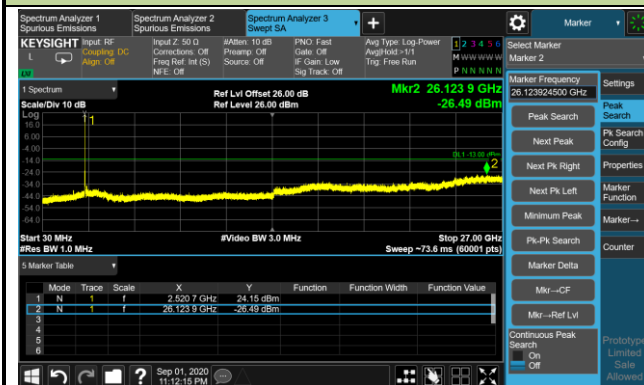


Highest Channel

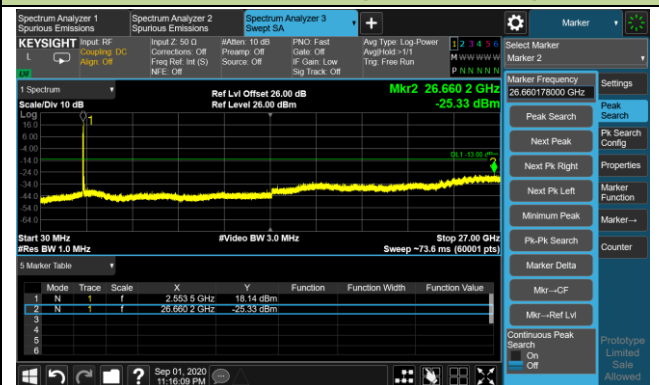


20+20MHz Channel Bandwidth

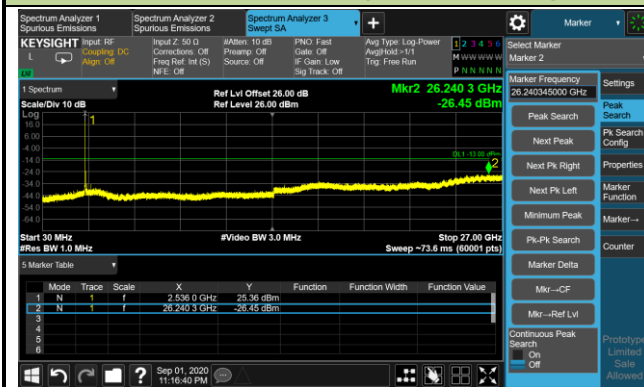
Lowest Channel



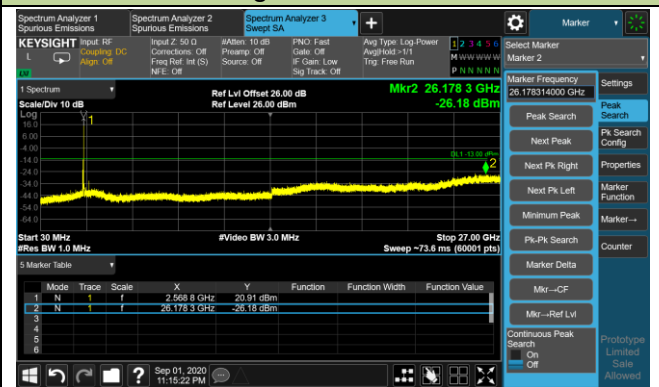
Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@99 and 1RB@0



Highest Channel

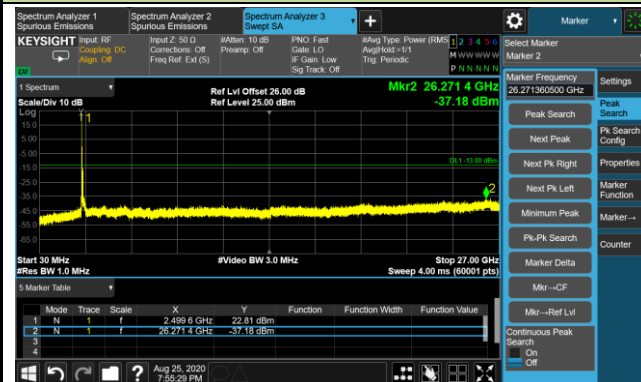


Model Number	4G03-A	Test Engineer	Eric Xu
Test Site	SR6	Test Date	2020/08/25
Test Band	Intra-Band CA_41C		

Frequency (MHz)		Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
PCC	SCC					
2506.00	2525.80	20+20	30 ~ 27000	-37.18	≤ -13.00	Pass
2583.10	2602.90	20+20	30 ~ 27000	-36.01	≤ -13.00	Pass
2660.20	2680.00	20+20	30 ~ 27000	-37.03	≤ -13.00	Pass
2506.00	2523.10	20+15	30 ~ 27000	-36.34	≤ -13.00	Pass
2585.60	2602.70	20+15	30 ~ 27000	-35.33	≤ -13.00	Pass
2665.10	2682.20	20+15	30 ~ 27000	-36.68	≤ -13.00	Pass
2503.80	2520.90	15+20	30 ~ 27000	-36.30	≤ -13.00	Pass
2593.30	2600.40	15+20	30 ~ 27000	-36.34	≤ -13.00	Pass
2662.90	2680.00	15+20	30 ~ 27000	-38.83	≤ -13.00	Pass
2506.00	2520.40	20+10	30 ~ 27000	-35.02	≤ -13.00	Pass
2588.10	2602.50	20+10	30 ~ 27000	-35.84	≤ -13.00	Pass
2670.10	2684.50	20+10	30 ~ 27000	-37.08	≤ -13.00	Pass
2501.50	2515.90	10+20	30 ~ 27000	-36.98	≤ -13.00	Pass
2583.60	2598.00	10+20	30 ~ 27000	-37.54	≤ -13.00	Pass
2665.60	2680.00	10+20	30 ~ 27000	-38.27	≤ -13.00	Pass
2506.00	2517.70	20+5	30 ~ 27000	-38.88	≤ -13.00	Pass
2590.50	2602.20	20+5	30 ~ 27000	-37.37	≤ -13.00	Pass
2675.00	2686.70	20+5	30 ~ 27000	-39.46	≤ -13.00	Pass
2499.30	2511.00	5+20	30 ~ 27000	-37.95	≤ -13.00	Pass
2583.80	2595.50	5+20	30 ~ 27000	-38.94	≤ -13.00	Pass
2668.30	2680.00	5+20	30 ~ 27000	-37.61	≤ -13.00	Pass
2503.50	2518.50	15+15	30 ~ 27000	-37.17	≤ -13.00	Pass
2585.50	2600.50	15+15	30 ~ 27000	-37.95	≤ -13.00	Pass
2667.50	2682.50	15+15	30 ~ 27000	-37.26	≤ -13.00	Pass
2501.30	2513.30	10+15	30 ~ 27000	-38.40	≤ -13.00	Pass
2585.90	2597.90	10+15	30 ~ 27000	-37.54	≤ -13.00	Pass
2670.50	2682.50	10+15	30 ~ 27000	-38.31	≤ -13.00	Pass
2503.50	2515.50	15+10	30 ~ 27000	-36.64	≤ -13.00	Pass
2588.10	2600.10	15+10	30 ~ 27000	-35.76	≤ -13.00	Pass
2672.70	2684.70	15+10	30 ~ 27000	-35.78	≤ -13.00	Pass

20+20MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/1RB@99 and 1RB@0

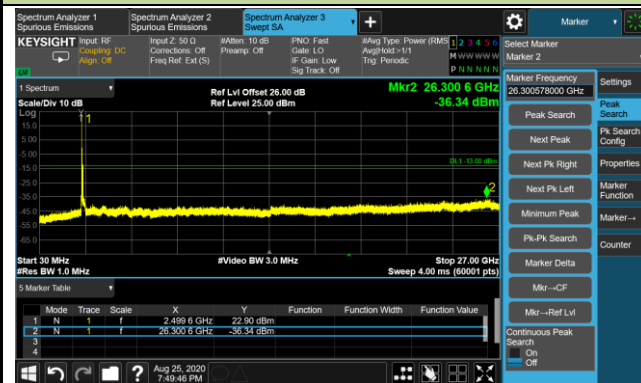


Highest Channel



20+15MHz Channel Bandwidth

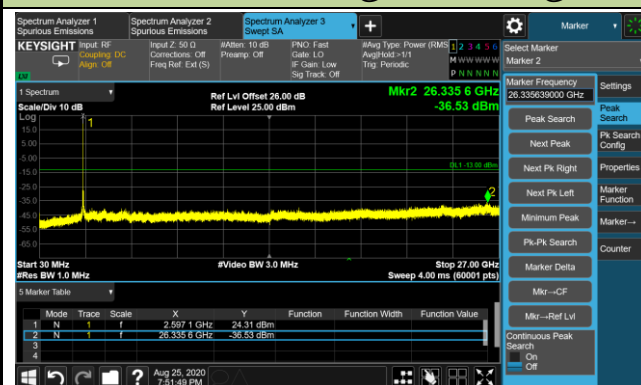
Lowest Channel



Middle Channel/1RB@0 and 1RB@99



Middle Channel/ 1RB@99 and 1RB@0

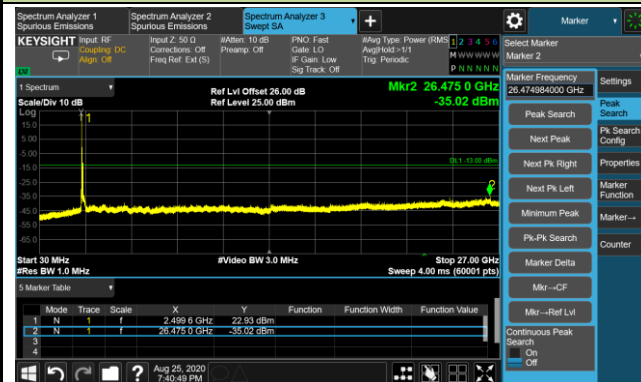


Highest Channel

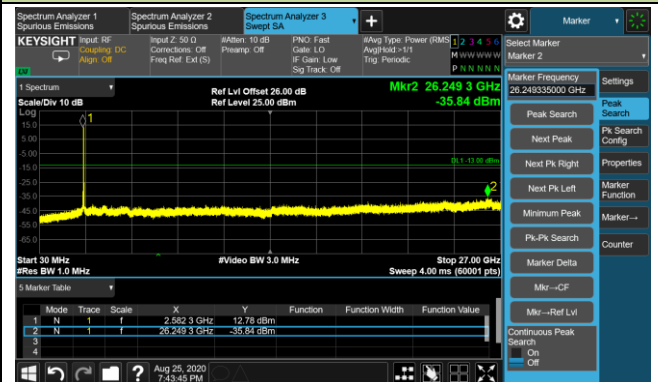


20+10MHz Channel Bandwidth

Lowest Channel



Middle Channel/1RB@0 and 1RB@49



Middle Channel/1RB@99 and 1RB@0



Highest Channel



20+5MHz Channel Bandwidth

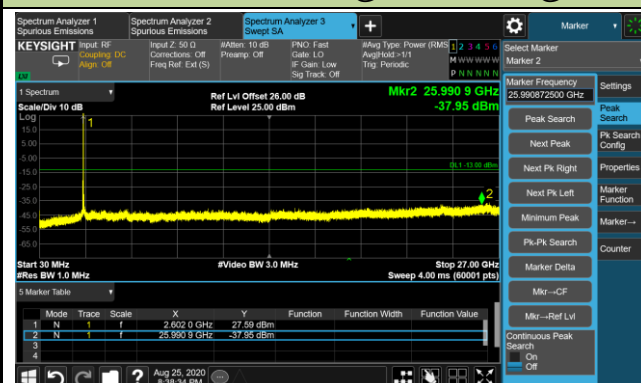
Lowest Channel



Middle Channel/1RB@0 and 1RB@24



Middle Channel/1RB@99 and 1RB@0



Highest Channel

