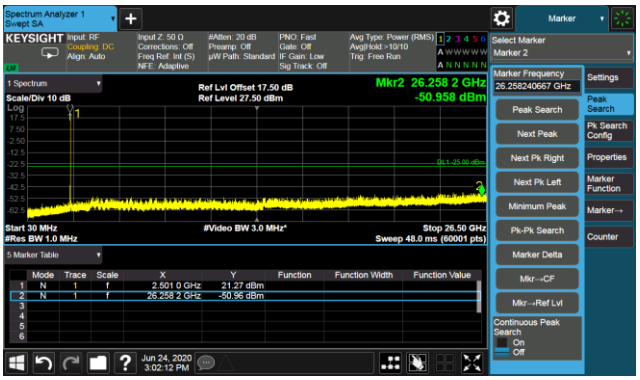
15MHz Channel Bandwidth	
Channel 20825 (2507.5MHz)	Channel 21100 (2535MHz)
	
Channel 21375 (2562.5MHz)	
	

20MHz Channel Bandwidth	
Channel 20850 (2510MHz)	Channel 21100 (2535MHz)
	
Channel 21350 (2560MHz)	
	

Product	LTE-A Cat 12 M.2 Module	Test Engineer	Candy Luo
Test Date	2020/06/24	Test Site	SR6
Test Band	Band 12	Test Result	Pass

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
23017	699.7	1.4	30 ~ 10000	-44.45	≤ -13.00	Pass
23095	707.5	1.4	30 ~ 10000	-46.71	≤ -13.00	Pass
23173	715.3	1.4	30 ~ 10000	-45.47	≤ -13.00	Pass
23025	700.5	3	30 ~ 10000	-47.19	≤ -13.00	Pass
23095	707.5	3	30 ~ 10000	-47.14	≤ -13.00	Pass
23165	714.5	3	30 ~ 10000	-46.95	≤ -13.00	Pass
23035	701.5	5	30 ~ 10000	-47.08	≤ -13.00	Pass
23095	707.5	5	30 ~ 10000	-47.85	≤ -13.00	Pass
23155	713.5	5	30 ~ 10000	-46.48	≤ -13.00	Pass
23060	704.0	10	30 ~ 10000	-45.12	≤ -13.00	Pass
23095	707.5	10	30 ~ 10000	-45.36	≤ -13.00	Pass
23130	711.0	10	30 ~ 10000	-48.62	≤ -13.00	Pass

1.4MHz Channel Bandwidth

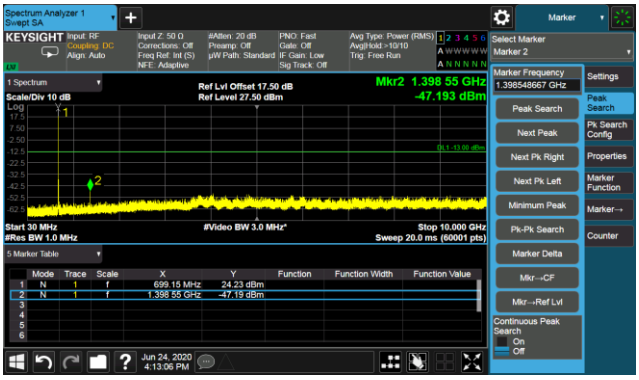
Channel 23017 (699.7MHz)

Channel 23095 (707.5MHz)

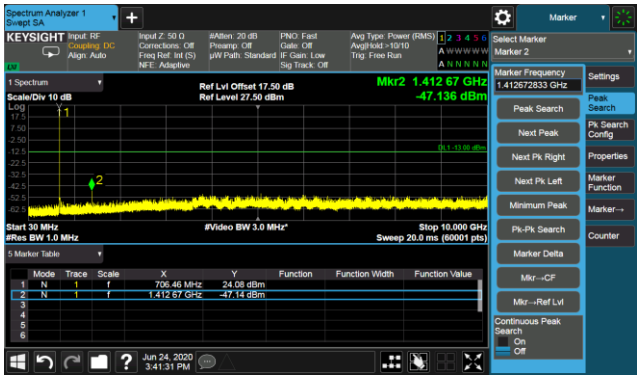
Channel 23173 (715.3MHz)

3MHz Channel Bandwidth

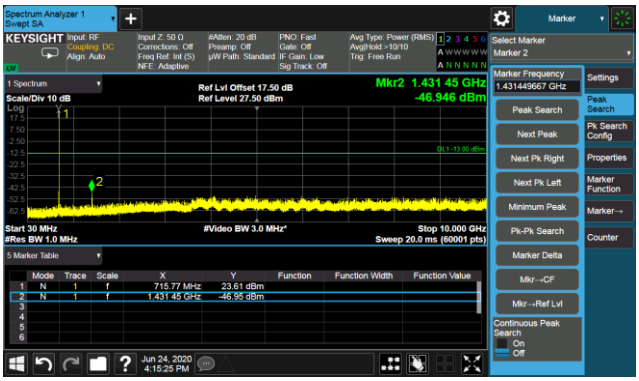
Channel 23025 (700.5MHz)



Channel 23095 (707.5MHz)



Channel 23165 (714.5MHz)

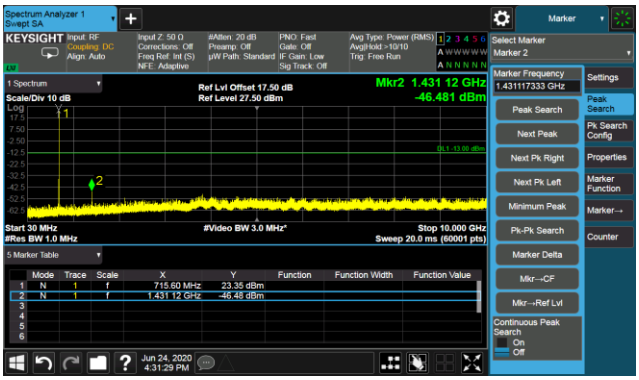


5MHz Channel Bandwidth

Channel 23035 (701.5MHz)

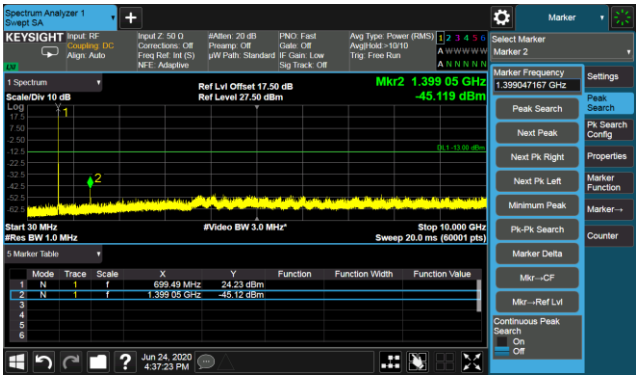
Channel 23095 (707.5MHz)

Channel 23165 (714.5MHz)



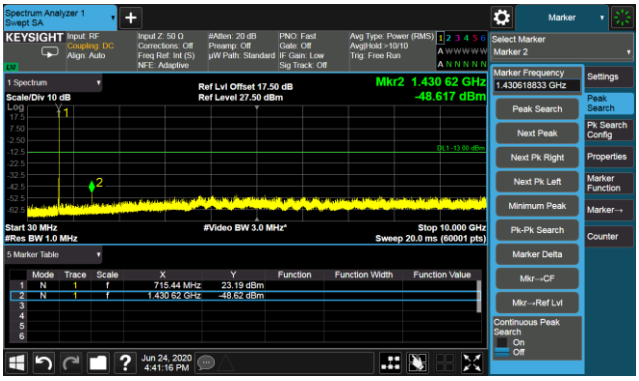
10MHz Channel Bandwidth

Channel 23060 (704.0MHz)



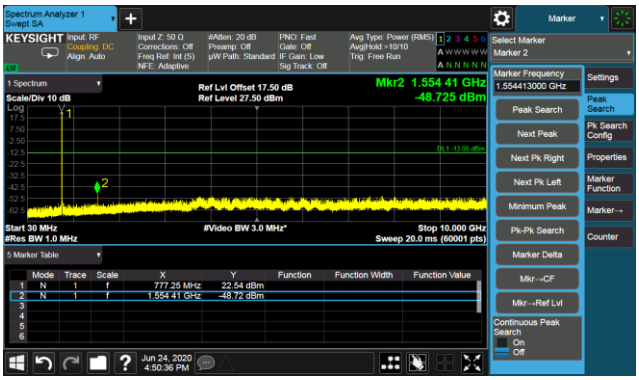
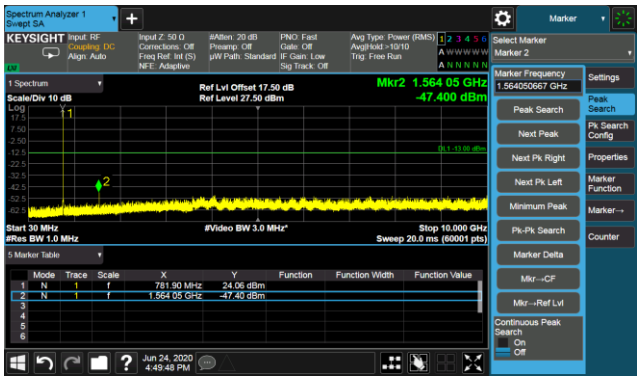
Channel 23095 (707.5MHz)

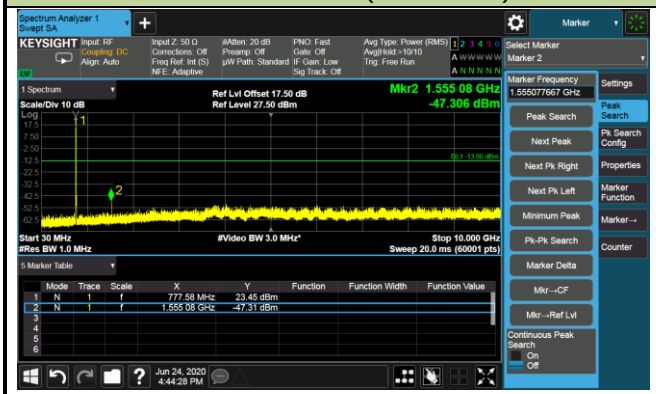
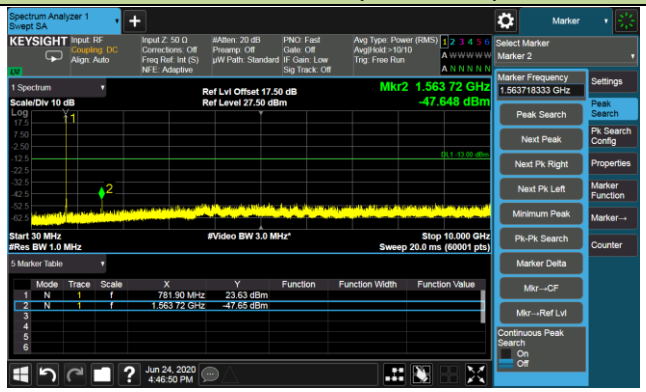
Channel 23130 (711.0MHz)



Product	LTE-A Cat 12 M.2 Module	Test Engineer	Candy Luo
Test Date	2020/06/24	Test Site	SR6
Test Band	Band 13	Test Result	Pass

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
23205	779.5	5	30 ~ 10000	-48.72	≤ -13.00	Pass
23230	782.0	5	30 ~ 10000	-47.40	≤ -13.00	Pass
23255	784.5	5	30 ~ 10000	-45.76	≤ -13.00	Pass
23230	782.0	10	30 ~ 10000	-47.31	≤ -13.00	Pass

5MHz Channel Bandwidth	
Channel 23205 (779.5MHz)	Channel 23230 (782MHz)
	
Channel 23255 (784.5MHz)	
	

10MHz Channel Bandwidth	
Channel 23230 (782.0MHz)	Channel 23230 (782.0MHz)
	

Product	LTE-A Cat 12 M.2 Module	Test Engineer	Candy Luo
Test Date	2020/06/30	Test Site	SR6
Test Band	Band 38/41	Test Result	Pass

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
37775	2572.50	5	30 ~ 27000	-52.01	≤ -25.00	Pass
38000	2595.00	5	30 ~ 27000	-49.26	≤ -25.00	Pass
38225	2617.50	5	30 ~ 27000	-50.96	≤ -25.00	Pass
37800	2575.00	10	30 ~ 27000	-49.00	≤ -25.00	Pass
38000	2595.00	10	30 ~ 27000	-49.74	≤ -25.00	Pass
38200	2615.00	10	30 ~ 27000	-40.89	≤ -25.00	Pass
37825	2577.50	15	30 ~ 27000	-48.59	≤ -25.00	Pass
38000	2595.00	15	30 ~ 27000	-50.59	≤ -25.00	Pass
38175	2612.50	15	30 ~ 27000	-50.86	≤ -25.00	Pass
37850	2580.00	20	30 ~ 27000	-51.56	≤ -25.00	Pass
38000	2595.00	20	30 ~ 27000	-50.77	≤ -25.00	Pass
38150	2610.00	20	30 ~ 27000	-50.13	≤ -25.00	Pass

5MHz Channel Bandwidth

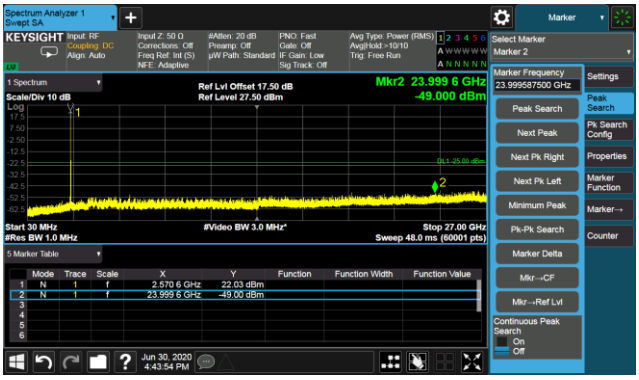
Channel 39675 (2498.5MHz)

Channel 40620 (2593MHz)

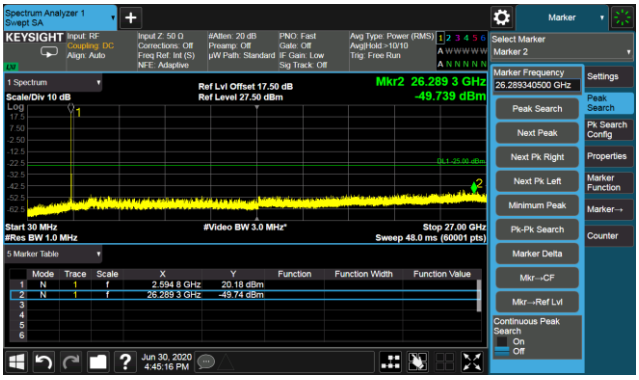
Channel 40565 (2687.5MHz)

10MHz Channel Bandwidth

Channel 39700 (2501MHz)



Channel 40620 (2593MHz)



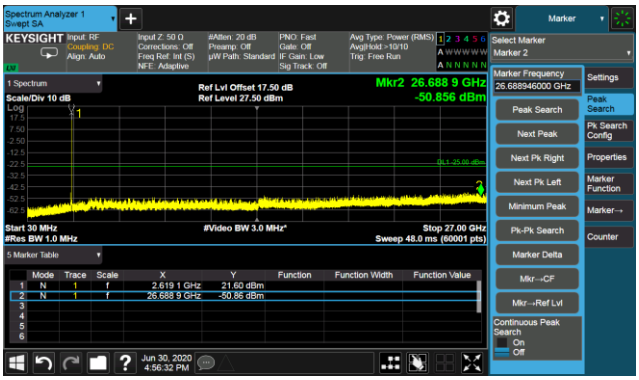
Channel 41540 (2685MHz)

15MHz Channel Bandwidth

Channel 39725 (2503.5MHz)

Channel 40620 (2593MHz)

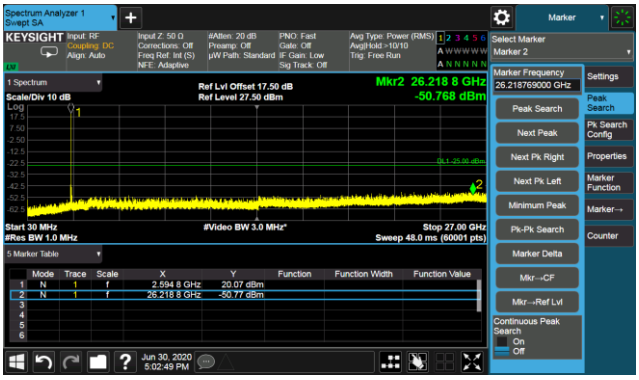
Channel 41515 (2682.5MHz)



20MHz Channel Bandwidth

Channel 39750 (2506MHz)

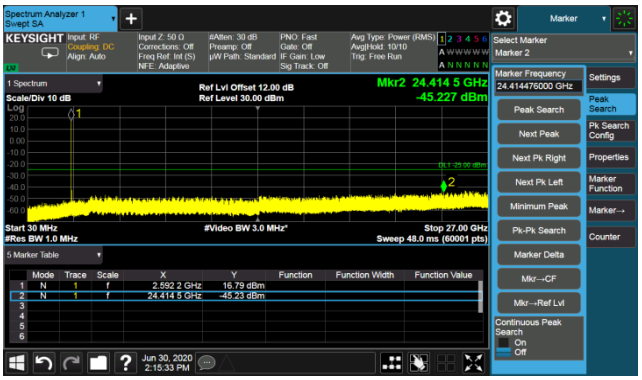
Channel 40620 (2593MHz)

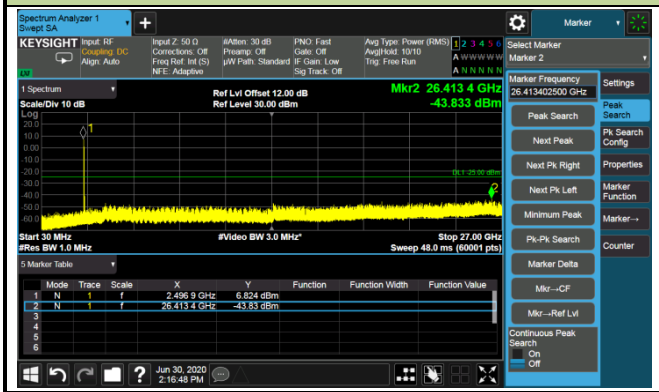


Channel 41490(2680MHz)

Product	LTE-A Cat 12 M.2 Module	Test Engineer	Candy Luo
Test Date	2020/06/30	Test Site	SR6
Test Band	Intra-Band CA_41C	Test Result	Pass

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	-44.11	≤ -25.00	Pass
2583.10	2602.90	20+20	30 ~ 27000	-44.68	≤ -25.00	Pass
2660.20	2680.00	20+20	30 ~ 27000	-46.29	≤ -25.00	Pass
2506.00	2523.10	20+15	30 ~ 27000	-43.83	≤ -25.00	Pass
2585.60	2602.70	20+15	30 ~ 27000	-44.63	≤ -25.00	Pass
2665.10	2682.20	20+15	30 ~ 27000	-43.71	≤ -25.00	Pass
2503.80	2520.90	15+20	30 ~ 27000	-45.04	≤ -25.00	Pass
2593.30	2600.40	15+20	30 ~ 27000	-45.25	≤ -25.00	Pass
2662.90	2680.00	15+20	30 ~ 27000	-43.23	≤ -25.00	Pass
2506.00	2520.40	20+10	30 ~ 27000	-44.05	≤ -25.00	Pass
2588.10	2602.50	20+10	30 ~ 27000	-46.17	≤ -25.00	Pass
2670.10	2684.50	20+10	30 ~ 27000	-43.29	≤ -25.00	Pass
2501.50	2515.90	10+20	30 ~ 27000	-42.36	≤ -25.00	Pass
2583.60	2598.00	10+20	30 ~ 27000	-43.73	≤ -25.00	Pass
2665.60	2680.00	10+20	30 ~ 27000	-44.11	≤ -25.00	Pass
2506.00	2517.70	20+5	30 ~ 27000	-46.82	≤ -25.00	Pass
2590.50	2602.20	20+5	30 ~ 27000	-45.11	≤ -25.00	Pass
2675.00	2686.70	20+5	30 ~ 27000	-48.96	≤ -25.00	Pass
2499.30	2511.00	5+20	30 ~ 27000	-44.35	≤ -25.00	Pass
2583.80	2595.50	5+20	30 ~ 27000	-45.25	≤ -25.00	Pass
2668.30	2680.00	5+20	30 ~ 27000	-44.69	≤ -25.00	Pass
2503.50	2518.50	15+15	30 ~ 27000	-47.85	≤ -25.00	Pass
2585.50	2600.50	15+15	30 ~ 27000	-44.46	≤ -25.00	Pass
2667.50	2682.50	15+15	30 ~ 27000	-45.58	≤ -25.00	Pass
2501.30	2513.30	10+15	30 ~ 27000	-45.19	≤ -25.00	Pass
2585.90	2597.90	10+15	30 ~ 27000	-45.26	≤ -25.00	Pass
2670.50	2682.50	10+15	30 ~ 27000	-45.80	≤ -25.00	Pass
2503.50	2515.50	15+10	30 ~ 27000	-41.35	≤ -25.00	Pass
2588.10	2600.10	15+10	30 ~ 27000	-39.64	≤ -25.00	Pass
2672.70	2684.70	15+10	30 ~ 27000	-41.08	≤ -25.00	Pass

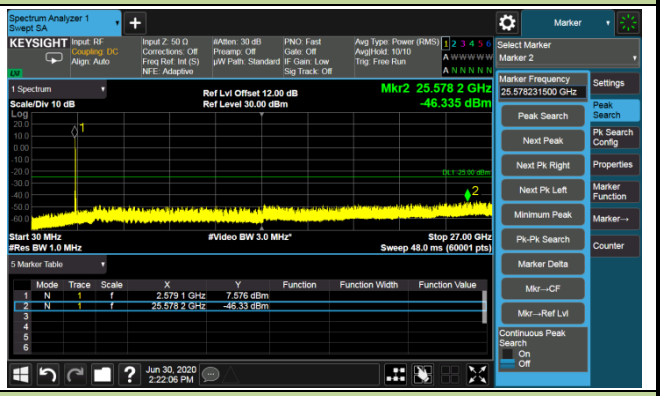
20+20MHz Channel Bandwidth	
Lowest Channel	Middle Channel/1RB@0 and 1RB@99
	
Middle Channel/1RB@99 and 1RB@0	Highest Channel
	

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

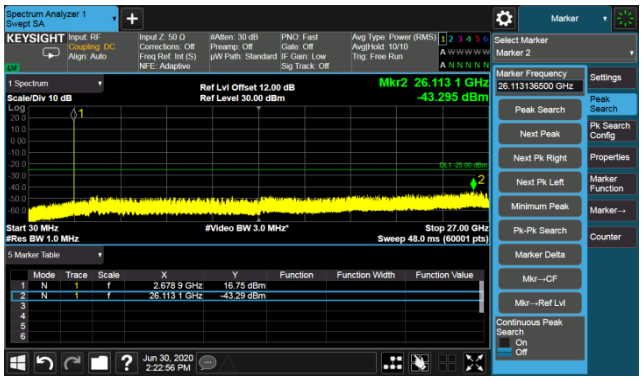
Lowest Channel

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



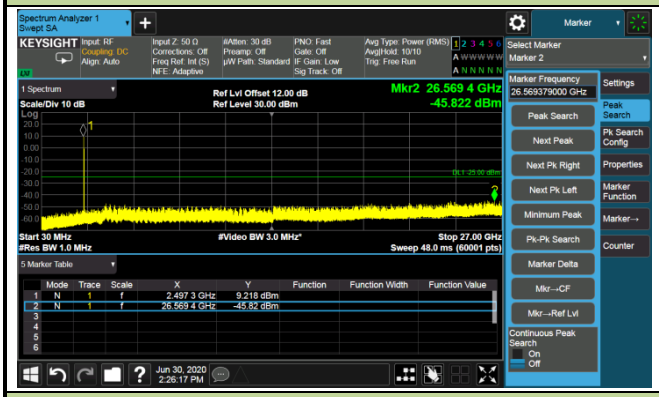
Middle Channel/1RB@99 and 1RB@0

Highest Channel

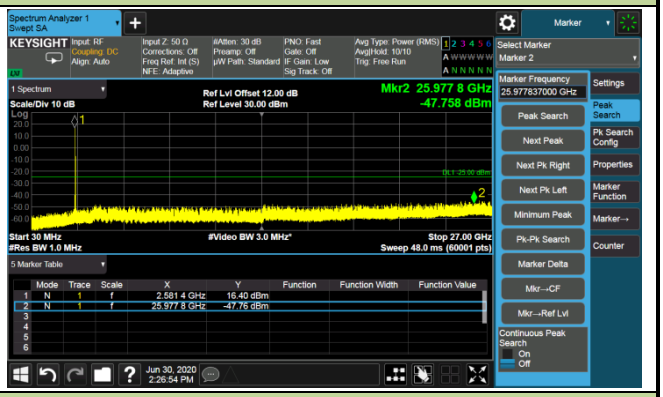


20+5MHz Channel Bandwidth

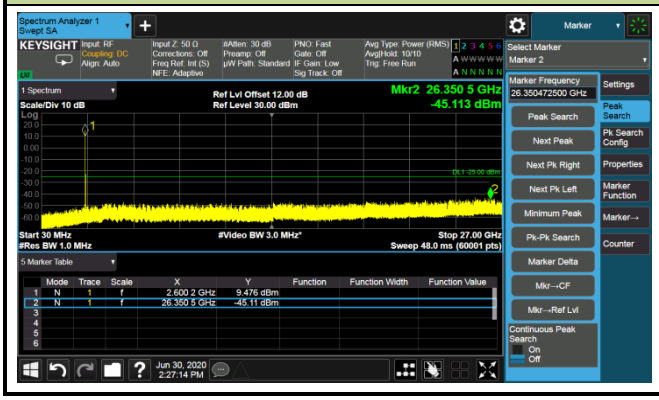
Lowest Channel



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



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



Highest Channel