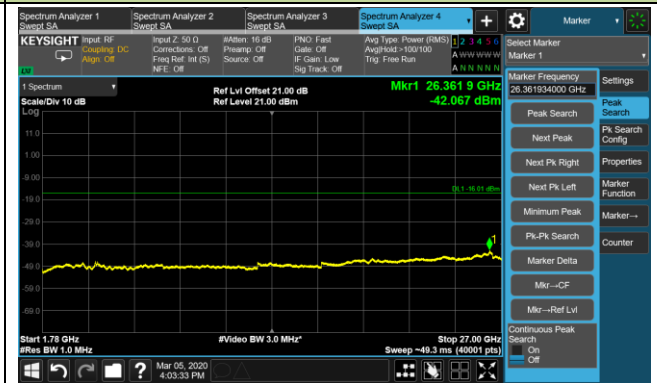


3MHz Channel Bandwidth

Channel 131987 (1711.5MHz)

30 ~ 1705 MHz

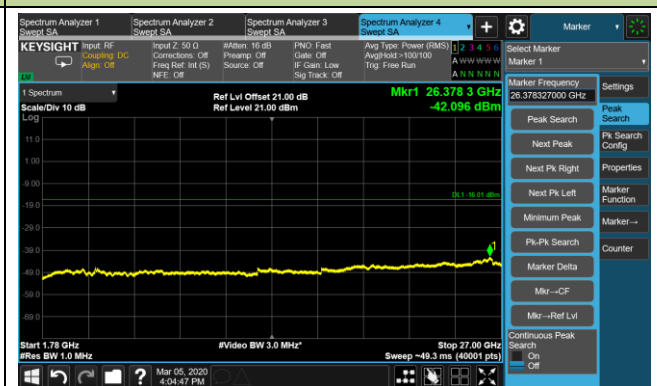
1780 ~ 27000 MHz



Channel 132322 (1745.0MHz)

30 ~ 1710 MHz

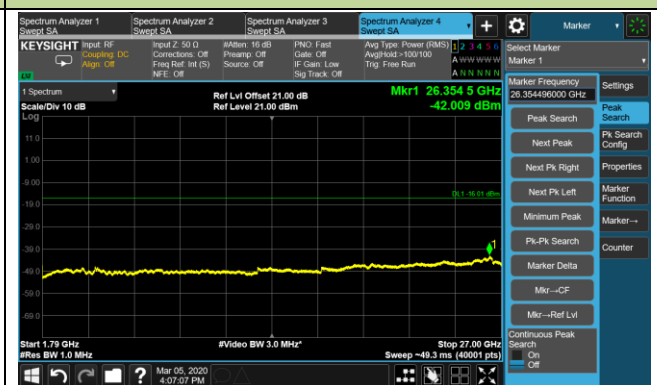
1780 ~ 27000 MHz



Channel 132657(1778.5MHz)

30 ~ 1710 MHz

1785 ~ 27000 MHz

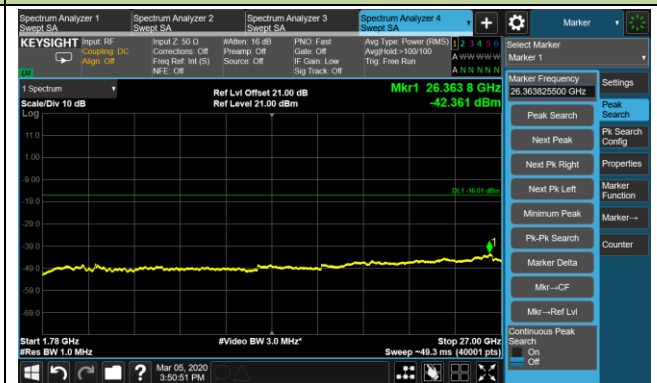
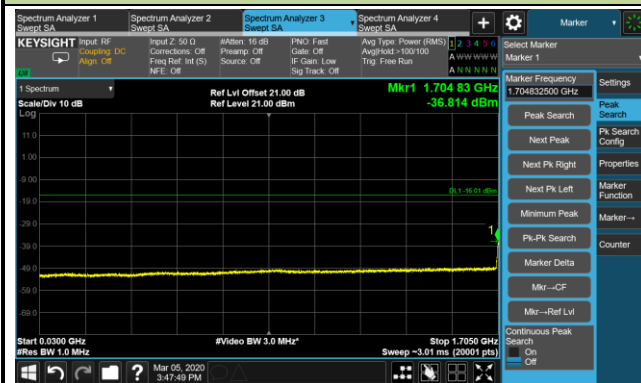


5MHz Channel Bandwidth

Channel 131997 (1712.5MHz)

30 ~ 1705 MHz

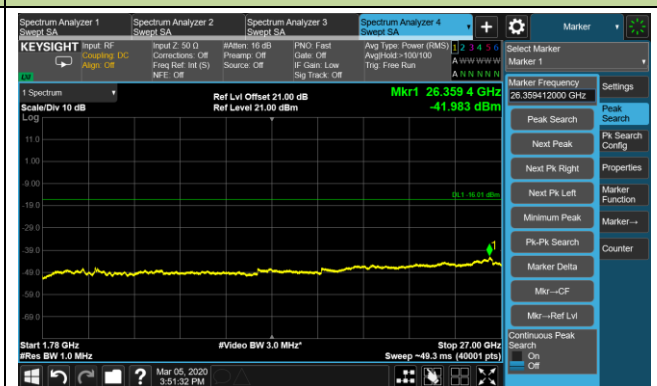
1780 ~ 27000 MHz



Channel 132322 (1745.0MHz)

30 ~ 1710 MHz

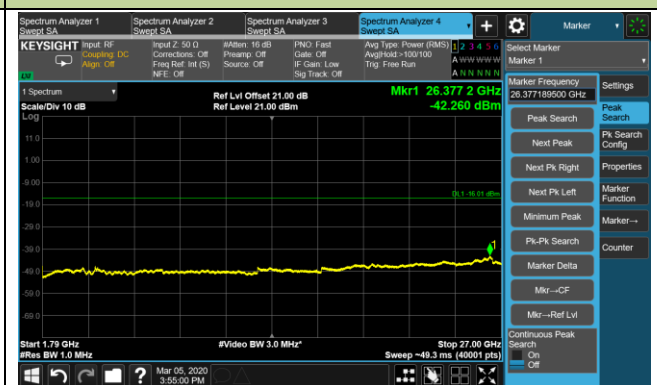
1780 ~ 27000 MHz



Channel 132647 (1777.5MHz)

30 ~ 1710 MHz

1785 ~ 27000 MHz

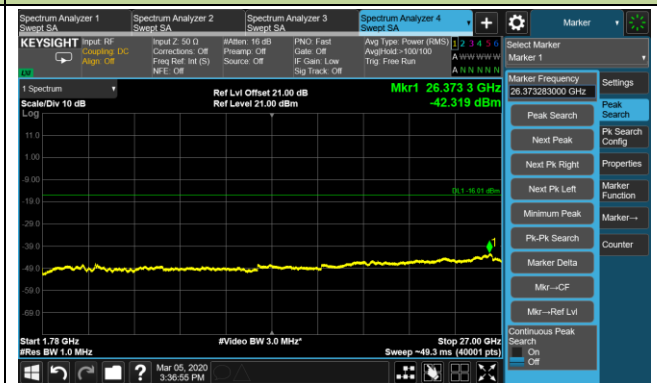
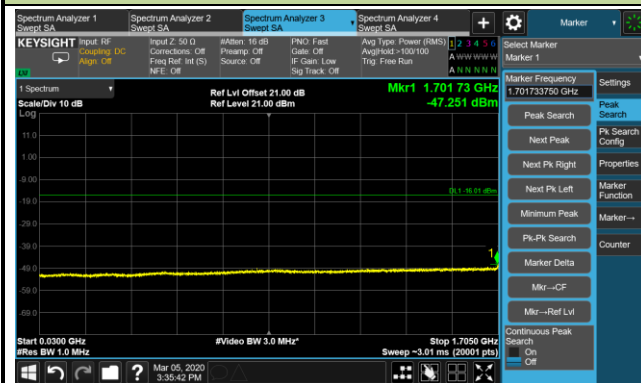


10MHz Channel Bandwidth

Channel 132022 (1715.0MHz)

30 ~ 1705 MHz

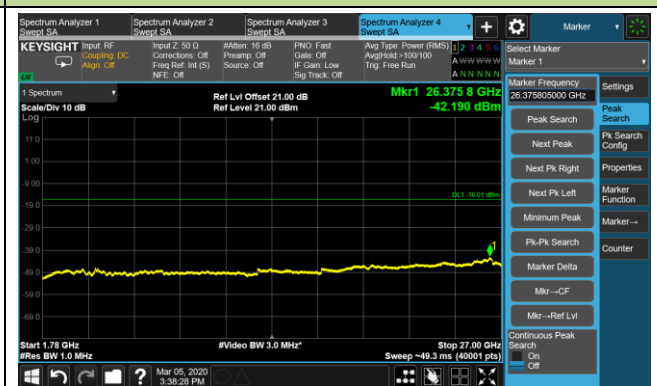
1780 ~ 27000 MHz



Channel 132322 (1745.0MHz)

30 ~ 1710 MHz

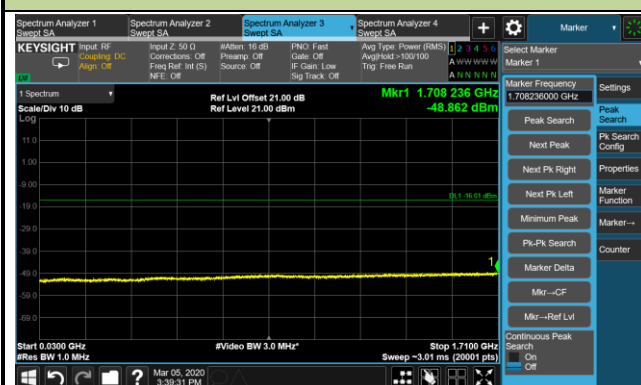
1780 ~ 27000 MHz



Channel 132622(1775.0MHz)

30 ~ 1710 MHz

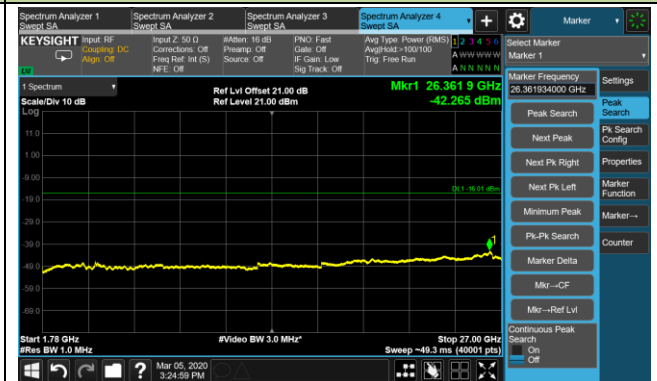
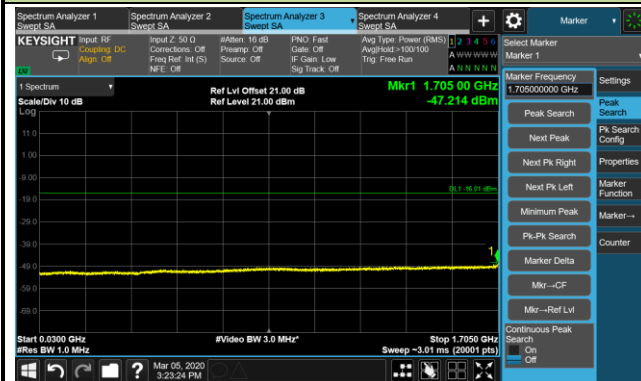
1785 ~ 27000 MHz



15MHz Channel Bandwidth Channel 132047 (1717.5MHz)

30 ~ 1705 MHz

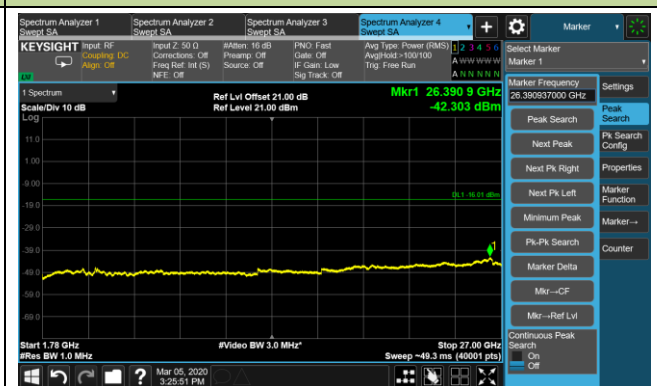
1780 ~ 27000 MHz



Channel 132322 (1745.0MHz)

30 ~ 1710 MHz

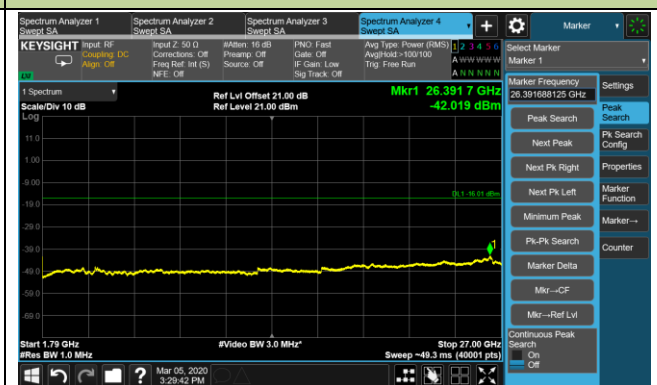
1780 ~ 27000 MHz



Channel 132597(1772.5MHz)

30 ~ 1710 MHz

1785 ~ 27000 MHz

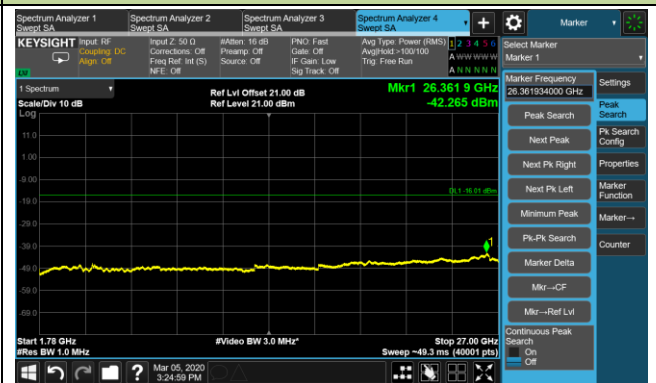
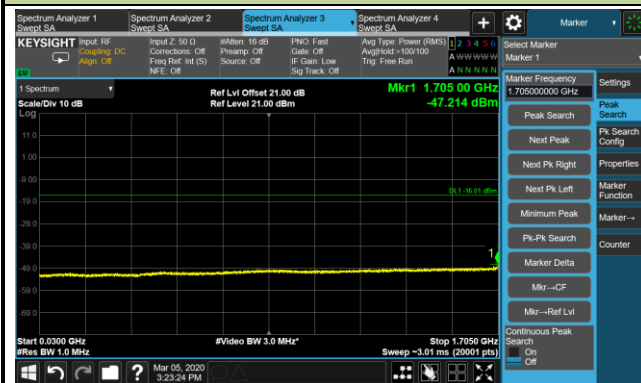


20MHz Channel Bandwidth

Channel 132072 (1720.0MHz)

30 ~ 1705 MHz

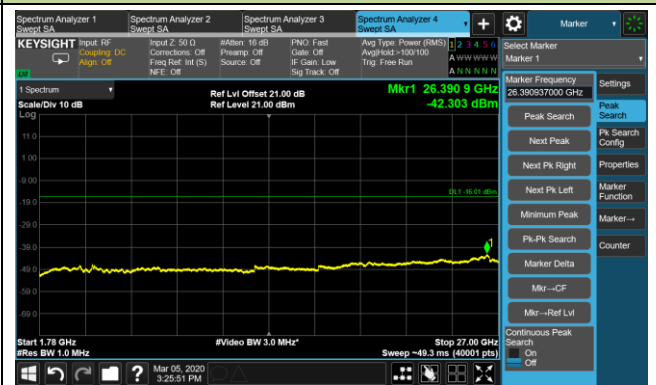
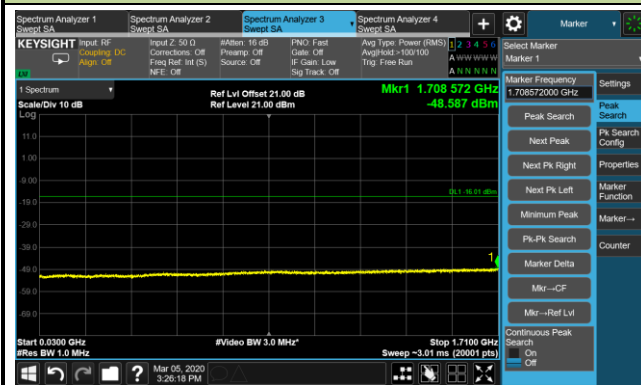
1780 ~ 27000 MHz



Channel 132322 (1745.0MHz)

30 ~ 1710 MHz

1780 ~ 27000 MHz



Channel 132572(1770.0MHz)

30 ~ 1710 MHz

1785 ~ 27000 MHz



Product	FastMile 4G Gateway	Temperature	25°C
Test Engineer	Larry Yan	Relative Humidity	52%
Test Site	SR5	Test Date	2020/03/05
Test Band	Band 5	Test Mode	MIMO Mode

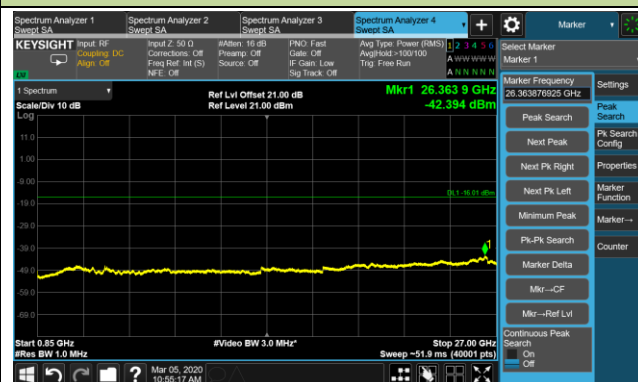
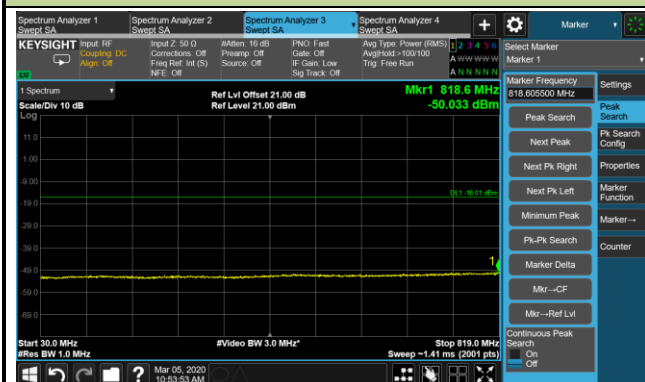
Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
QPSK						
20407	824.7	1.4	30 ~ 819	-50.03	≤ -16.01	Pass
			849 ~ 27000	-42.39	≤ -16.01	Pass
20525	836.5	1.4	30 ~ 824	-48.83	≤ -16.01	Pass
			849 ~ 27000	-42.55	≤ -16.01	Pass
20643	848.3	1.4	30 ~ 824	-48.98	≤ -16.01	Pass
			854 ~ 27000	-42.45	≤ -16.01	Pass
20415	825.5	3	30 ~ 819	-50.95	≤ -16.01	Pass
			849 ~ 27000	-42.50	≤ -16.01	Pass
20525	836.5	3	30 ~ 824	-49.39	≤ -16.01	Pass
			849 ~ 27000	-42.62	≤ -16.01	Pass
20635	847.5	3	30 ~ 824	-49.41	≤ -16.01	Pass
			854 ~ 27000	-42.67	≤ -16.01	Pass
20425	826.5	5	30 ~ 819	-50.41	≤ -16.01	Pass
			849 ~ 27000	-42.46	≤ -16.01	Pass
20525	836.5	5	30 ~ 824	-49.37	≤ -16.01	Pass
			849 ~ 27000	-42.63	≤ -16.01	Pass
20625	846.5	5	30 ~ 824	-49.00	≤ -16.01	Pass
			854 ~ 27000	-42.66	≤ -16.01	Pass
20450	829.0	10	30 ~ 819	-50.59	≤ -16.01	Pass
			849 ~ 27000	-42.49	≤ -16.01	Pass
20525	836.5	10	30 ~ 824	-47.78	≤ -16.01	Pass
			849 ~ 27000	-42.35	≤ -16.01	Pass
20600	844.0	10	30 ~ 824	-43.26	≤ -16.01	Pass
			854 ~ 27000	-35.03	≤ -16.01	Pass

1.4MHz Channel Bandwidth

Channel 20407 (824.7MHz)

30 ~ 819 MHz

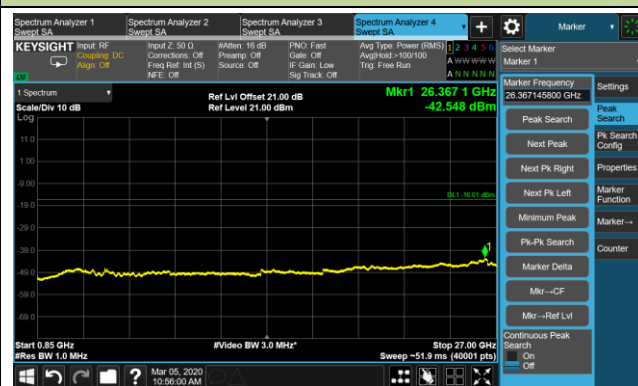
849 ~ 27000 MHz



Channel 20525 (836.5MHz)

30 ~ 824 MHz

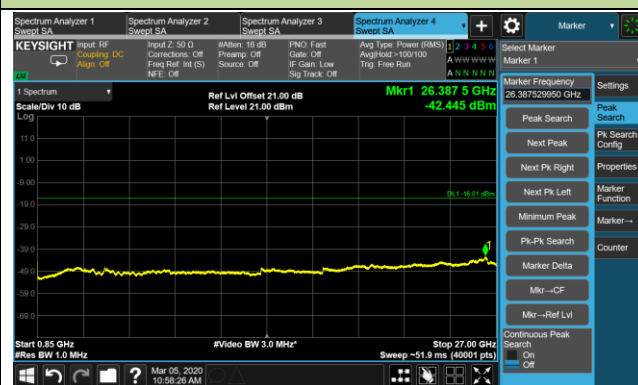
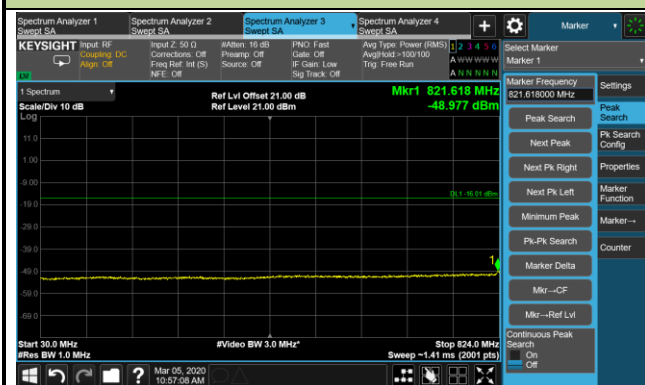
849 ~ 27000 MHz



Channel 20643 (848.3MHz)

30 ~ 824MHz

854 ~ 27000MHz

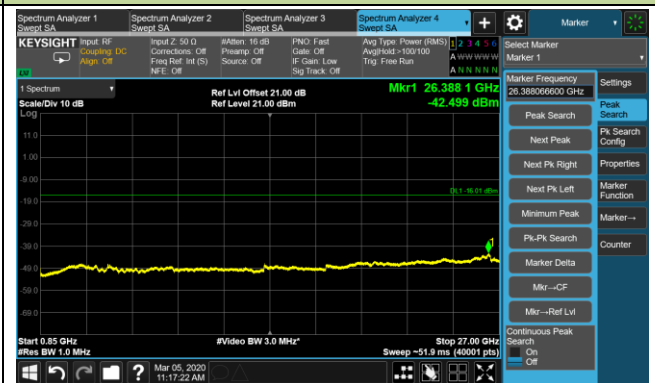
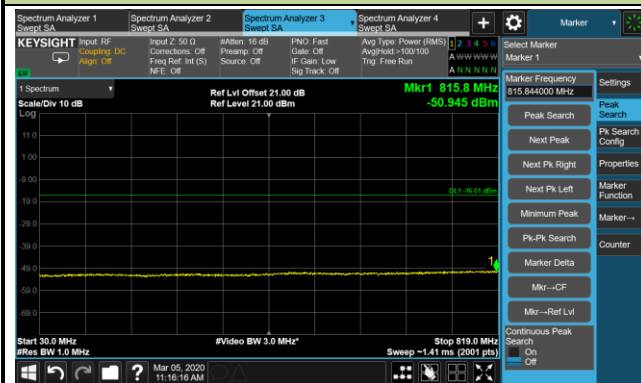


3MHz Channel Bandwidth

Channel 20415 (825.5MHz)

30 ~ 819 MHz

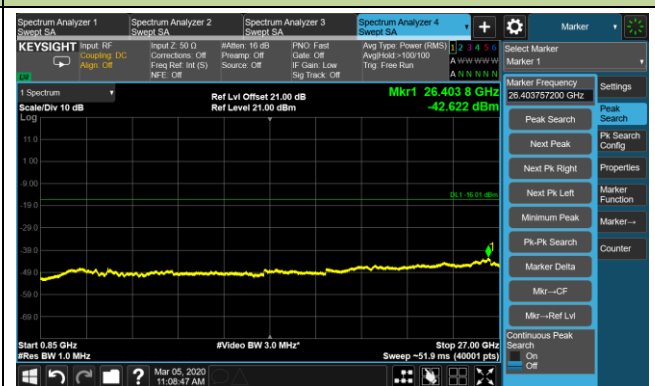
849 ~ 27000 MHz



Channel 20525 (836.5MHz)

30 ~ 824 MHz

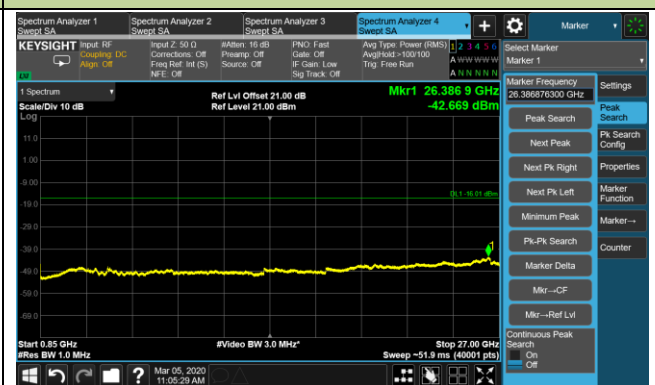
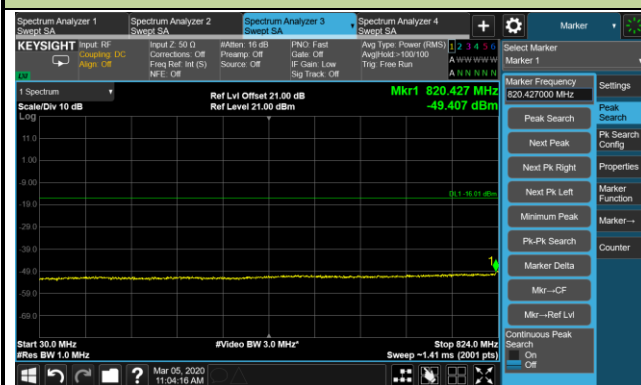
849 ~ 27000 MHz



Channel 20635 (847.5MHz)

30 ~ 824 MHz

854 ~ 27000 MHz

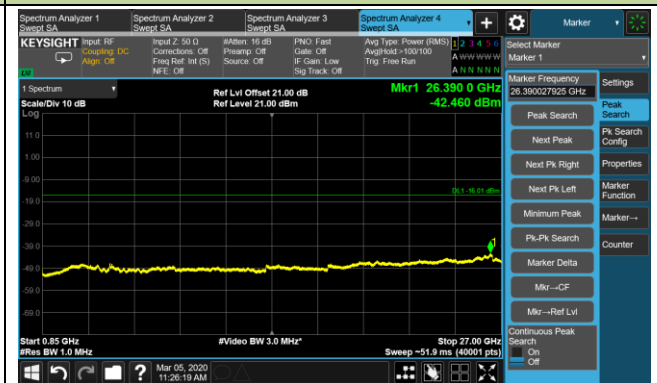
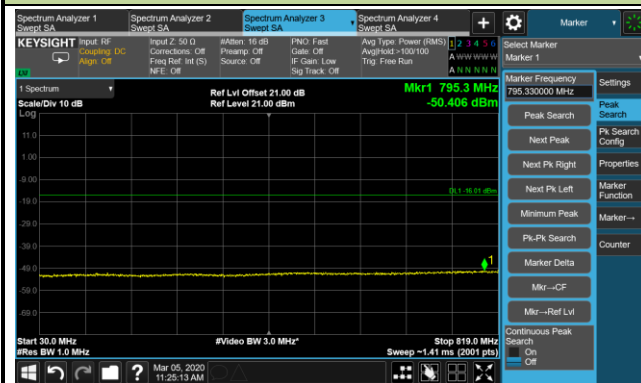


5MHz Channel Bandwidth

Channel 20425 (826.5MHz)

30 ~ 819 MHz

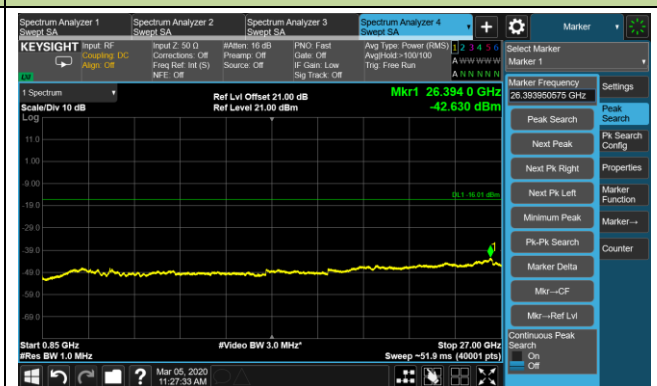
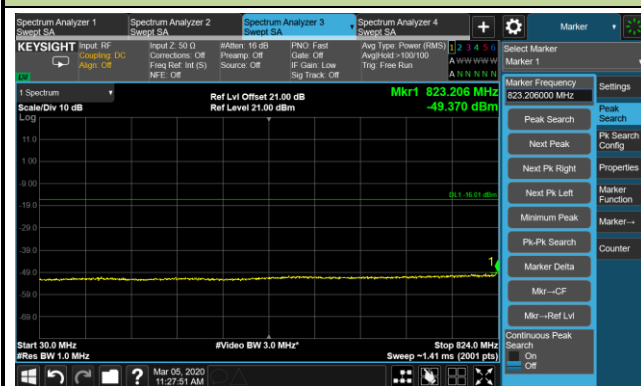
849 ~ 27000 MHz



Channel 20525 (836.5MHz)

30 ~ 824 MHz

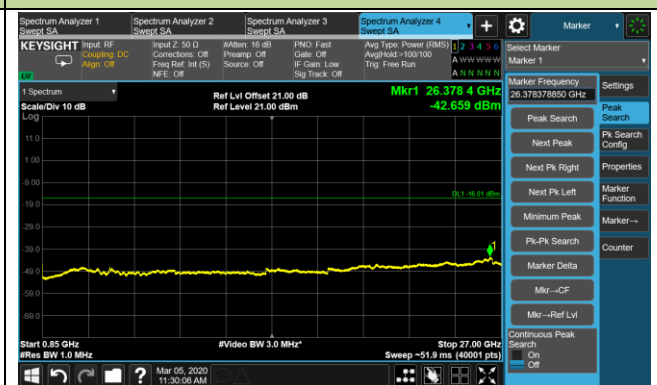
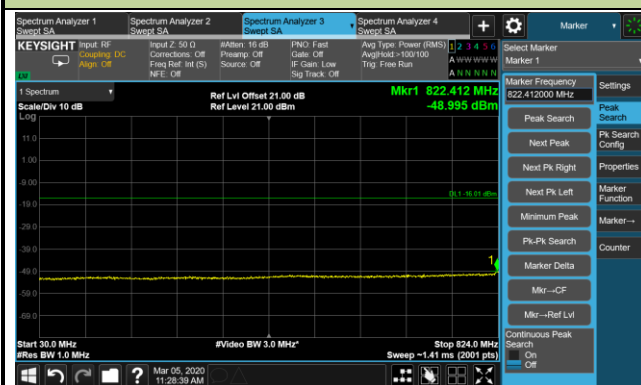
849 ~ 27000 MHz



Channel 20625 (846.5MHz)

30 ~ 824 MHz

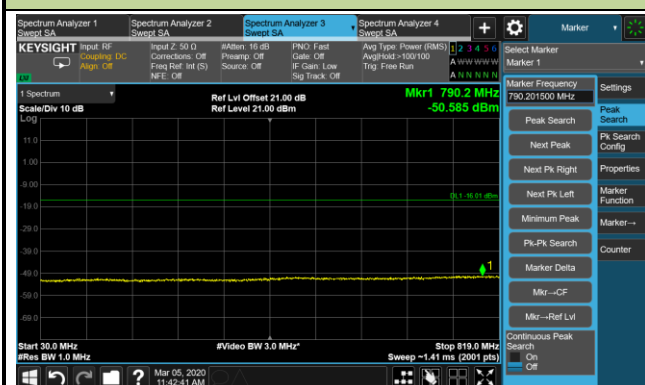
854 ~ 27000 MHz



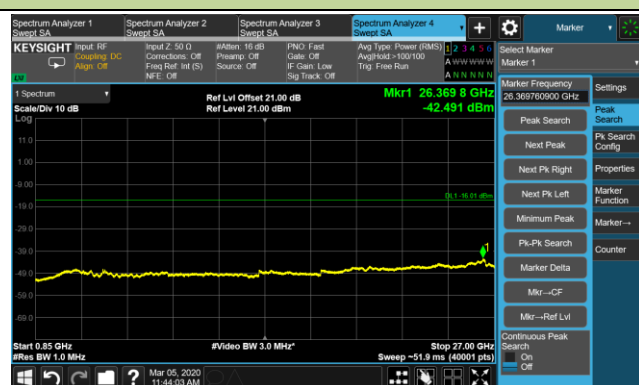
10MHz Channel Bandwidth

Channel 20450 (829.0MHz)

30 ~ 819 MHz

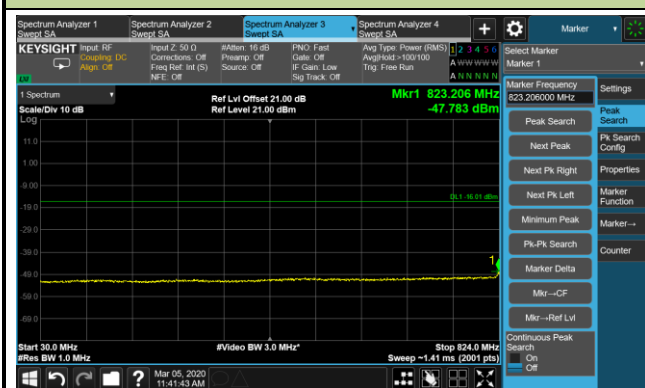


849 ~ 27000 MHz

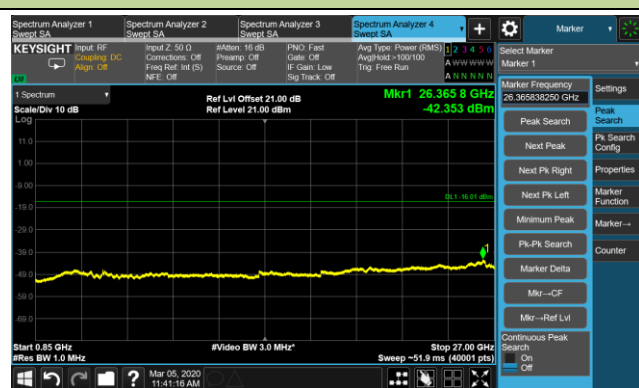


Channel 20525 (836.5MHz)

30 ~ 824 MHz

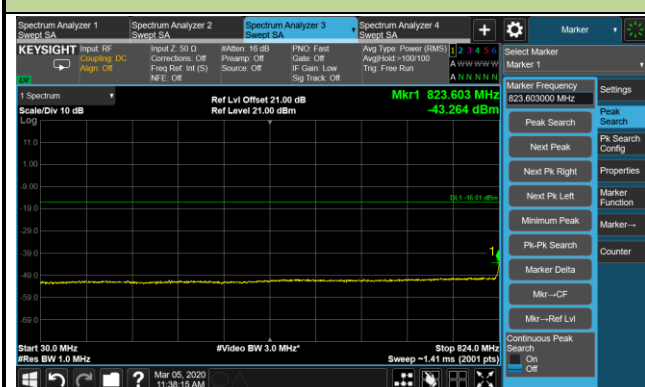


849 ~ 27000 MHz

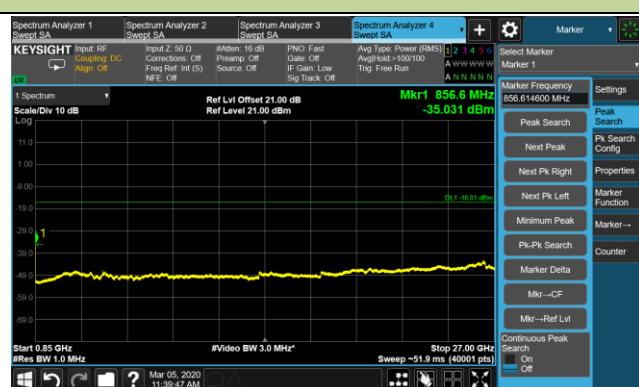


Channel 20600 (844.0MHz)

30 ~ 824 MHz



854 ~ 27000 MHz



Product	FastMile 4G Gateway	Temperature	25°C
Test Engineer	Larry Yan	Relative Humidity	52%
Test Site	SR5	Test Date	2020/03/05
Test Band	Band 7	Test Mode	MIMO Mode

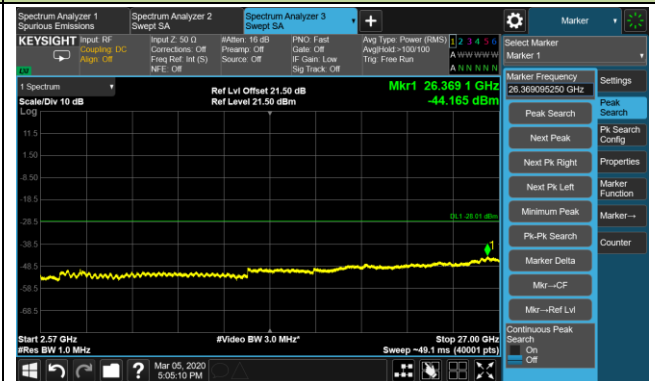
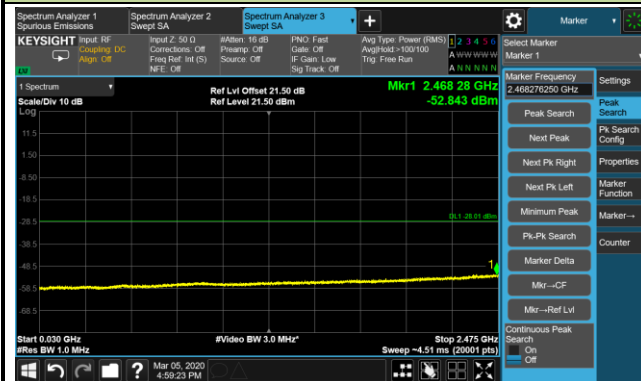
Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
QPSK						
20775	2502.5	5	30 ~ 2475	-52.84	≤ -28.01	Pass
			2570 ~ 27000	-44.17	≤ -28.01	Pass
21100	2535.0	5	30 ~ 2500	-51.55	≤ -28.01	Pass
			2570 ~ 27000	-44.10	≤ -28.01	Pass
21425	2567.5	5	30 ~ 2500	-52.36	≤ -28.01	Pass
			2595 ~ 27000	-44.12	≤ -28.01	Pass
20800	2505.0	10	30 ~ 2475	-52.50	≤ -28.01	Pass
			2570 ~ 27000	-44.11	≤ -28.01	Pass
21100	2535.0	10	30 ~ 2500	-52.08	≤ -28.01	Pass
			2570 ~ 27000	-43.97	≤ -28.01	Pass
21400	2565.0	10	30 ~ 2500	-50.71	≤ -28.01	Pass
			2595 ~ 27000	-44.12	≤ -28.01	Pass
20825	2507.5	15	30 ~ 2475	-52.12	≤ -28.01	Pass
			2570 ~ 27000	-44.20	≤ -28.01	Pass
21100	2535.0	15	30 ~ 2500	-51.13	≤ -28.01	Pass
			2570 ~ 27000	-43.88	≤ -28.01	Pass
21375	2562.5	15	30 ~ 2500	-50.19	≤ -28.01	Pass
			2595 ~ 27000	-43.82	≤ -28.01	Pass
20850	2510.0	20	30 ~ 2475	-52.38	≤ -28.01	Pass
			2570 ~ 27000	-43.80	≤ -28.01	Pass
21100	2535.0	20	30 ~ 2500	-51.43	≤ -28.01	Pass
			2570 ~ 27000	-44.09	≤ -28.01	Pass
21350	2560.0	20	30 ~ 2500	-50.90	≤ -28.01	Pass
			2595 ~ 27000	-44.05	≤ -28.01	Pass

5MHz Channel Bandwidth

Channel 20775 (2502.5MHz)

30 ~ 2475 MHz

2570 ~ 27000 MHz



Channel 21100 (2535.0MHz)

30 ~ 2500 MHz

2570 ~ 27000 MHz



Channel 21425(2567.5MHz)

30 ~ 2500 MHz

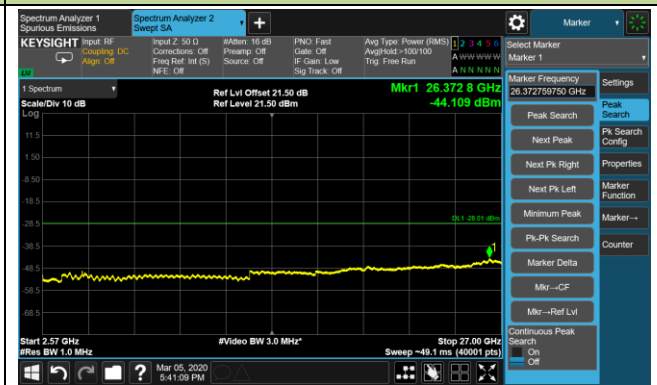
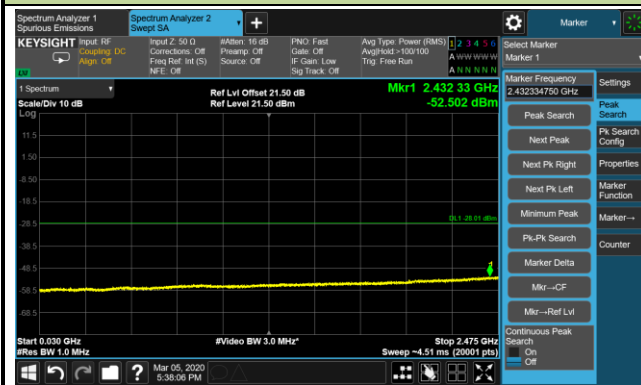
2595 ~ 27000 MHz



10MHz Channel Bandwidth Channel 20800 (2505.0MHz)

30 ~ 2475 MHz

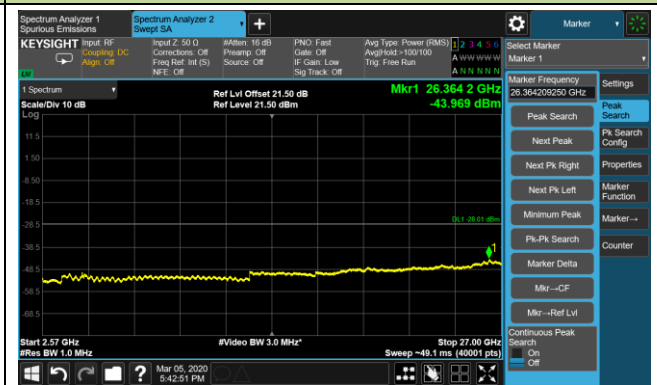
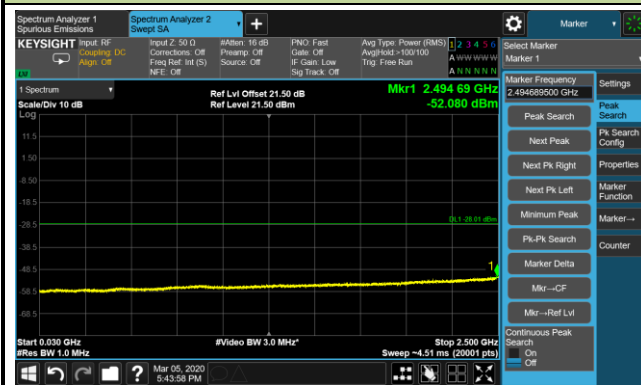
2570 ~ 27000 MHz



Channel 21100 (2535.0MHz)

30 ~ 2500 MHz

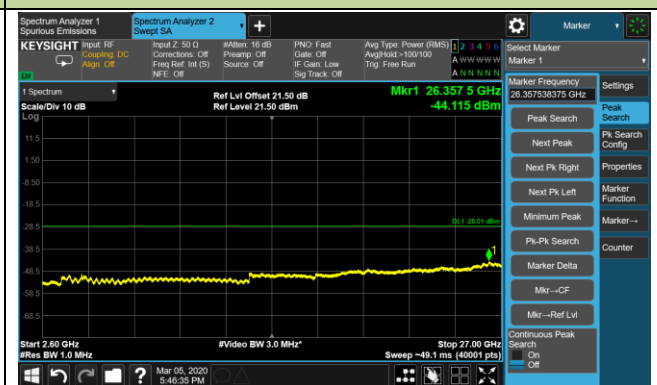
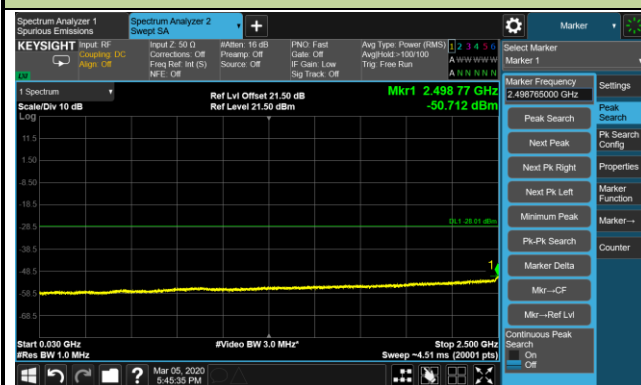
2570 ~ 27000 MHz



Channel 21400(2565.0MHz)

30 ~ 2500 MHz

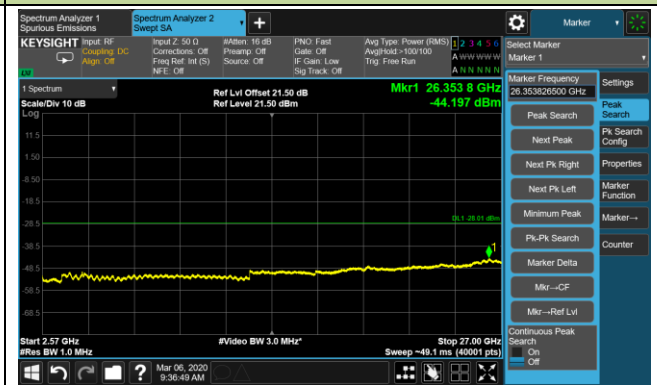
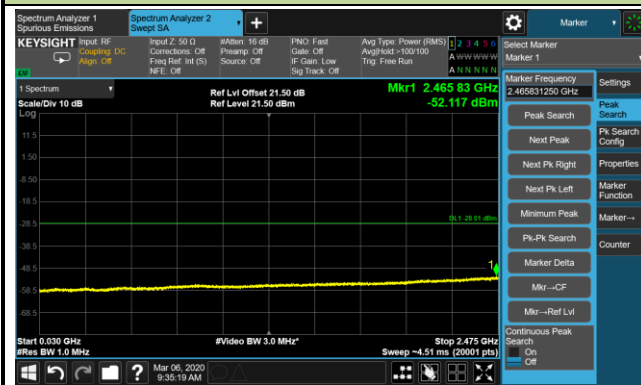
2595 ~ 27000 MHz



15MHz Channel Bandwidth Channel 20825 (2507.5MHz)

30 ~ 2475 MHz

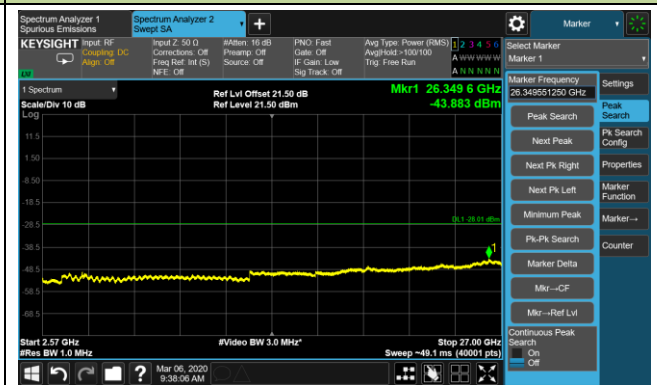
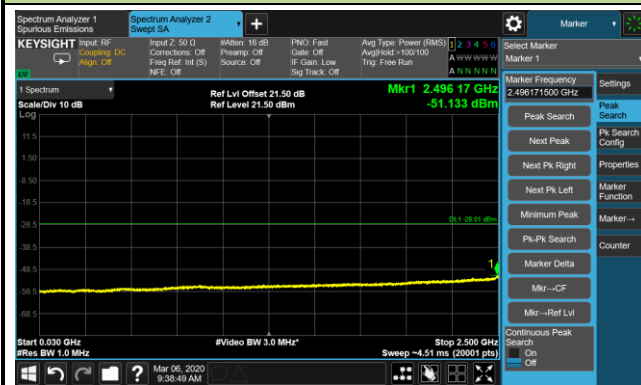
2570 ~ 27000 MHz



Channel 21100 (2535.0MHz)

30 ~ 2500 MHz

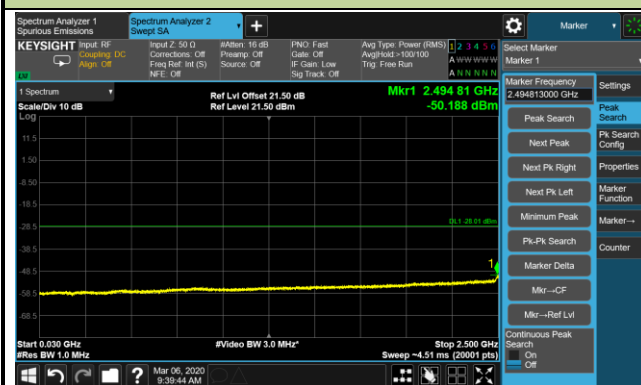
2570 ~ 27000 MHz



Channel 21375 (2562.5MHz)

30 ~ 2500 MHz

2595 ~ 27000 MHz

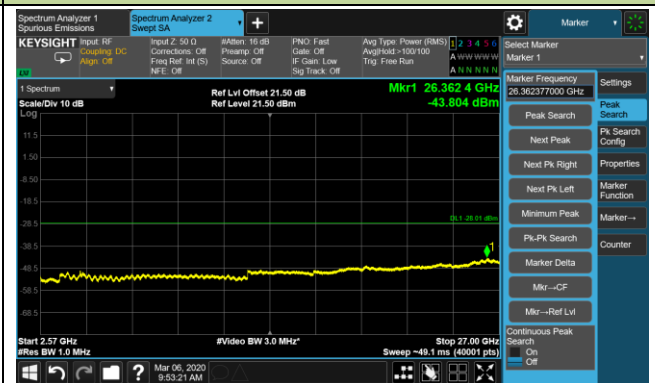
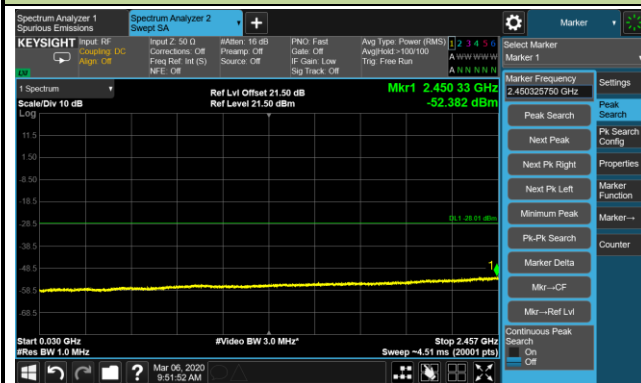


20MHz Channel Bandwidth

Channel 20850 (2510.0MHz)

30 ~ 2475 MHz

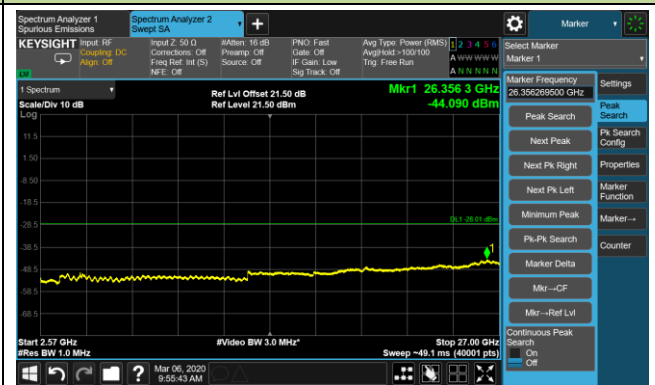
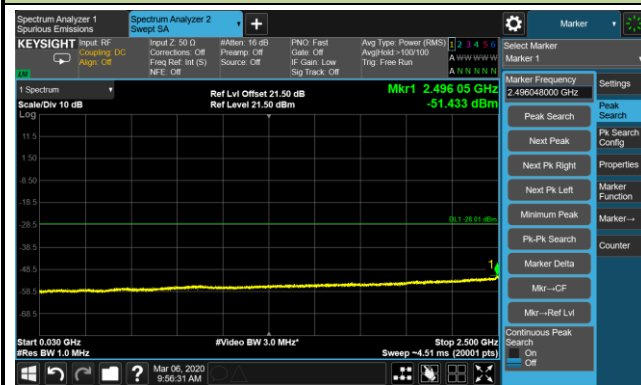
2570 ~ 27000 MHz



Channel 21100 (2535.0MHz)

30 ~ 2500 MHz

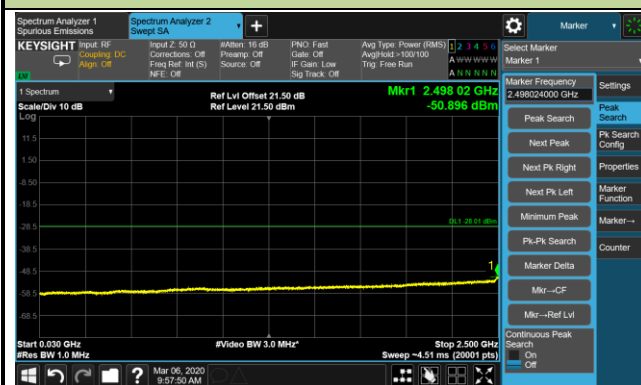
2570 ~ 27000 MHz



Channel 21350 (2560.0MHz)

30 ~ 2500 MHz

2595 ~ 27000 MHz



Product	FastMile 4G Gateway	Temperature	25°C
Test Engineer	Larry Yan	Relative Humidity	52%
Test Site	SR5	Test Date	2020/03/06
Test Band	Band 38	Test Mode	MIMO Mode

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Frequency Range (MHz)	Max Spurious Emissions (dBm)	Limit (dBm)	Result
QPSK						
37775	2572.5	5	30 ~ 2496	-51.66	≤ -28.01	Pass
			2690 ~ 27000	-43.42	≤ -28.01	Pass
38000	2595.0	5	30 ~ 2496	-50.81	≤ -28.01	Pass
			2690 ~ 27000	-43.93	≤ -28.01	Pass
38225	2617.5	5	30 ~ 2496	-51.29	≤ -28.01	Pass
			2690 ~ 27000	-44.01	≤ -28.01	Pass
37800	2575.0	10	30 ~ 2496	-50.60	≤ -28.01	Pass
			2690 ~ 27000	-44.08	≤ -28.01	Pass
38000	2595.0	10	30 ~ 2496	-50.82	≤ -28.01	Pass
			2690 ~ 27000	-43.78	≤ -28.01	Pass
38200	2615.0	10	30 ~ 2496	-50.46	≤ -28.01	Pass
			2690 ~ 27000	-43.93	≤ -28.01	Pass
37825	2577.5	15	30 ~ 2496	-51.14	≤ -28.01	Pass
			2690 ~ 27000	-44.49	≤ -28.01	Pass
38000	2595.0	15	30 ~ 2496	-50.63	≤ -28.01	Pass
			2690 ~ 27000	-43.90	≤ -28.01	Pass
38175	2612.5	15	30 ~ 2496	-50.96	≤ -28.01	Pass
			2690 ~ 27000	-44.06	≤ -28.01	Pass
37850	2580.0	20	30 ~ 2496	-51.07	≤ -28.01	Pass
			2690 ~ 27000	-44.14	≤ -28.01	Pass
38000	2595.0	20	30 ~ 2496	-50.63	≤ -28.01	Pass
			2690 ~ 27000	-43.82	≤ -28.01	Pass
38150	2610.0	20	30 ~ 2496	-50.55	≤ -28.01	Pass
			2690 ~ 27000	-43.97	≤ -28.01	Pass