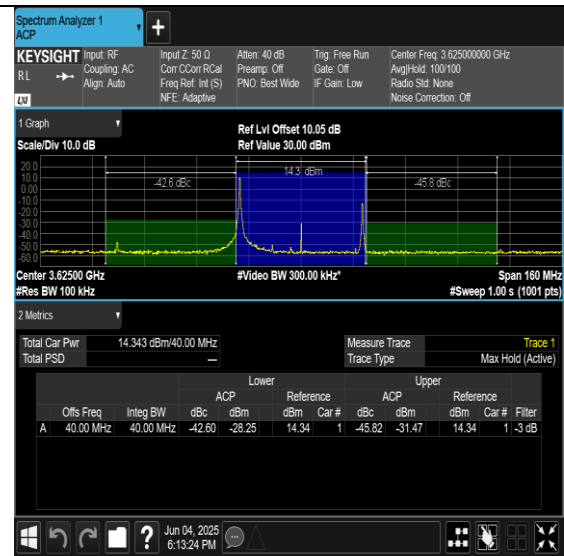
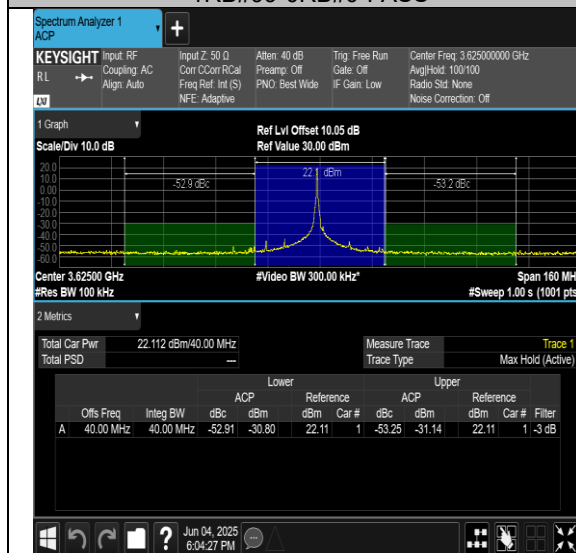




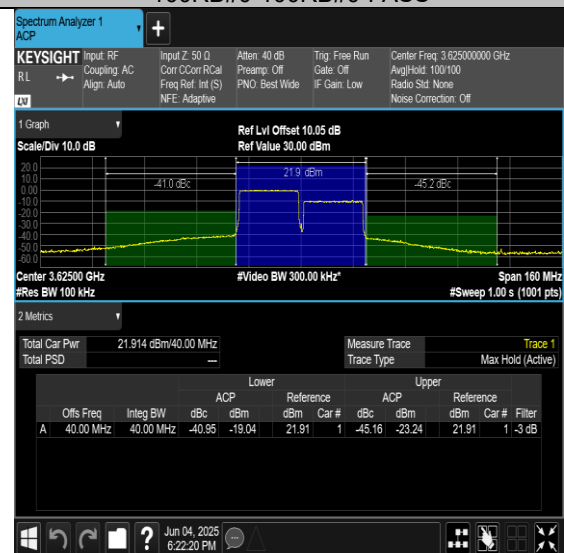
48-48-20MHz-20MHz-QPSK-QPSK-55891-56089-1RB#99-0RB#0-PASS



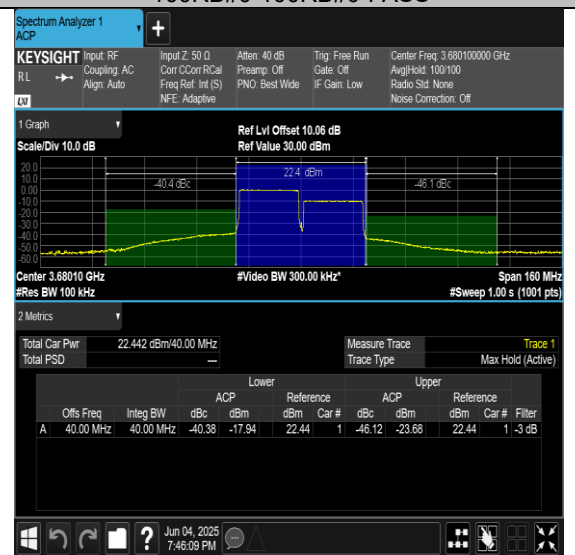
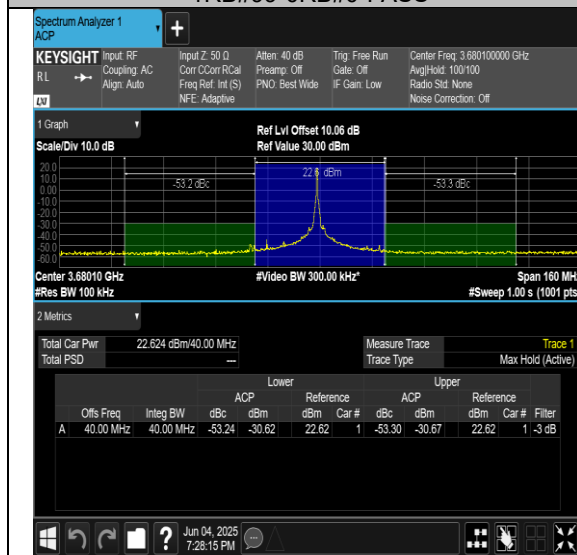
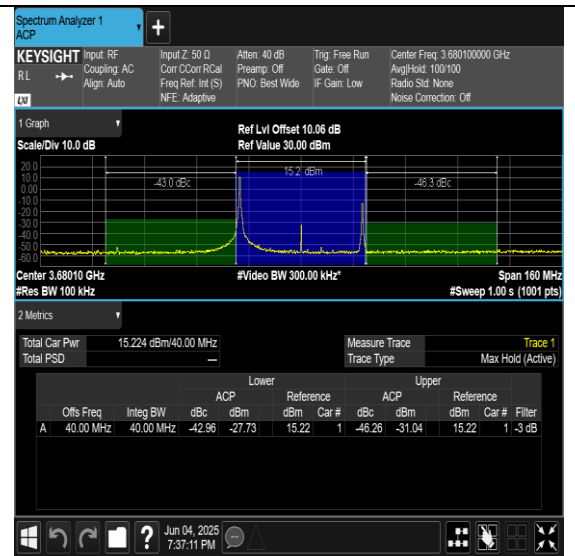
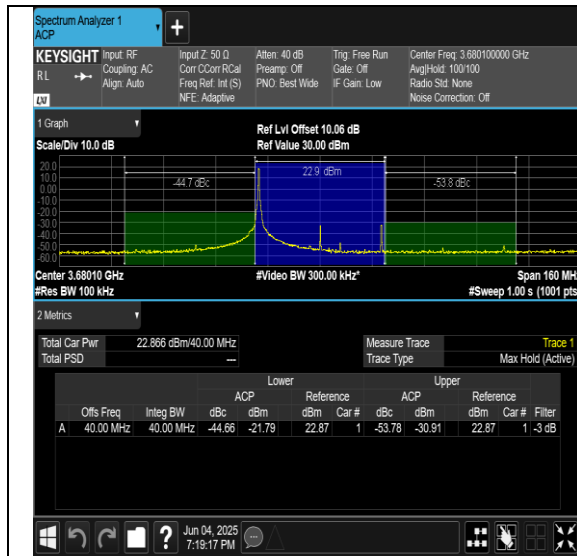
48-48-20MHz-20MHz-QPSK-QPSK-55891-56089-100RB#0-100RB#0-PASS



48-48-20MHz-20MHz-QPSK-QPSK-56442-56640-1RB#0-0RB#0-PASS

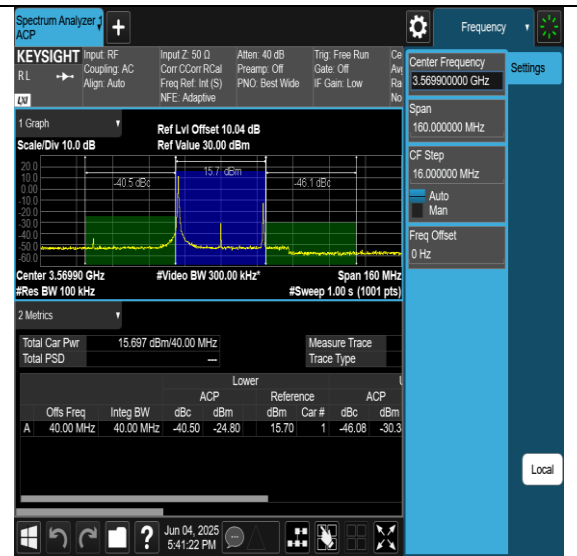


48-48-20MHz-20MHz-QPSK-QPSK-56442-56640-1RB#0-1RB#99-PASS

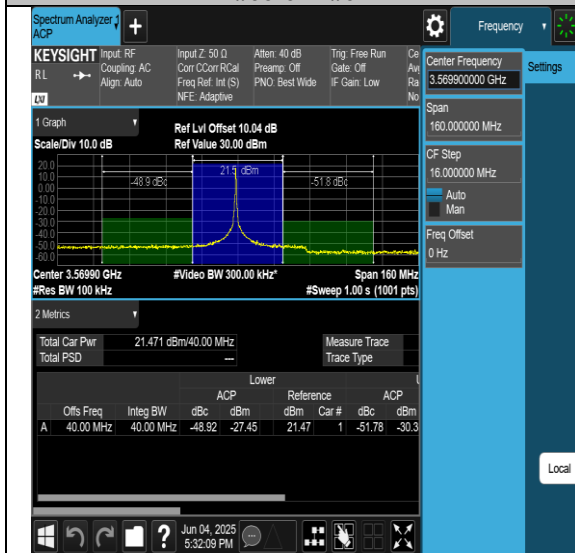




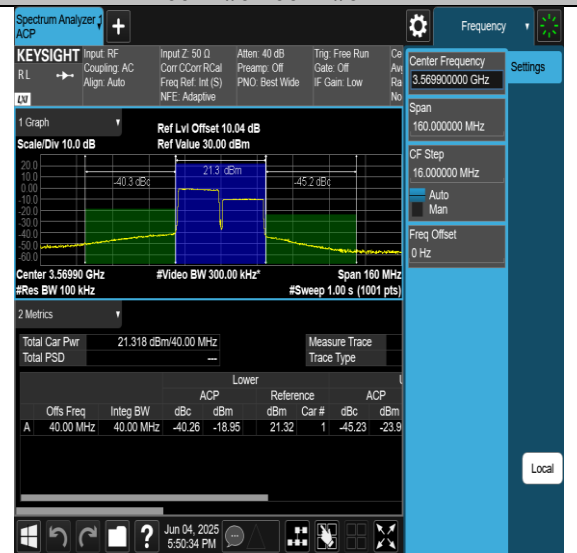
48-48-20MHz-20MHz-64QAM-64QAM-55340-55538-1RB#99-0RB#0-PASS



48-48-20MHz-20MHz-64QAM-64QAM-55340-55538-100RB#0-100RB#0-PASS



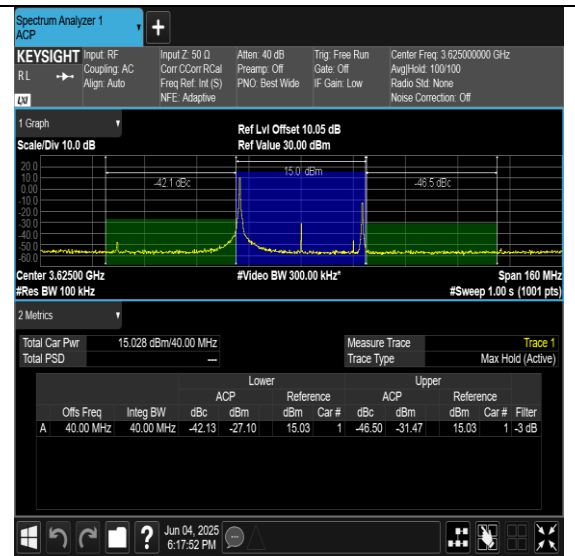
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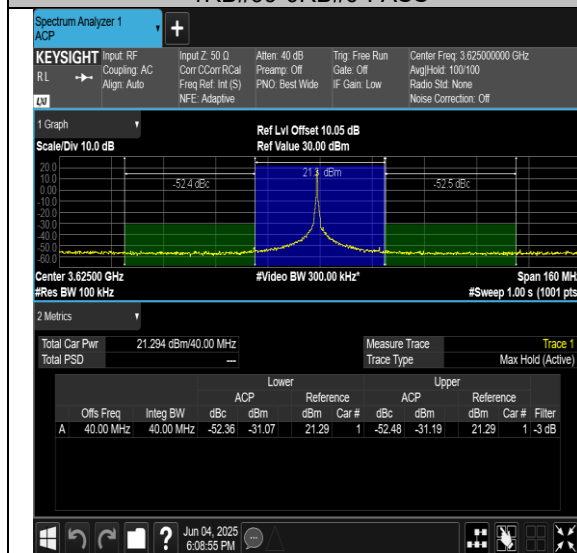
48-48-20MHz-20MHz-64QAM-64QAM-55891-56089-1RB#0-1RB#99-PASS



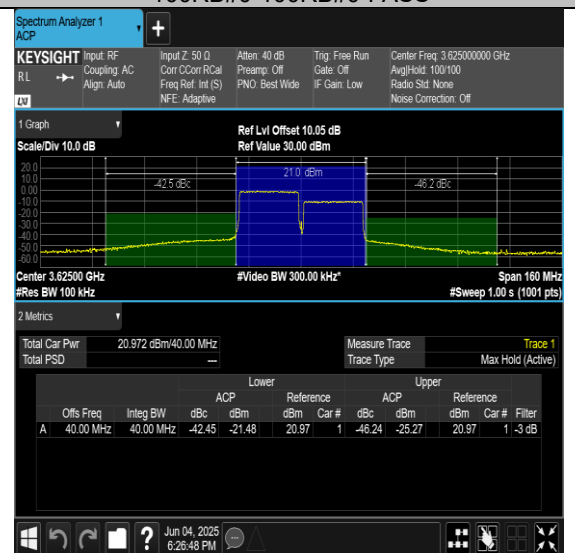
48-48-20MHz-20MHz-64QAM-64QAM-55891-56089-1RB#99-0RB#0-PASS



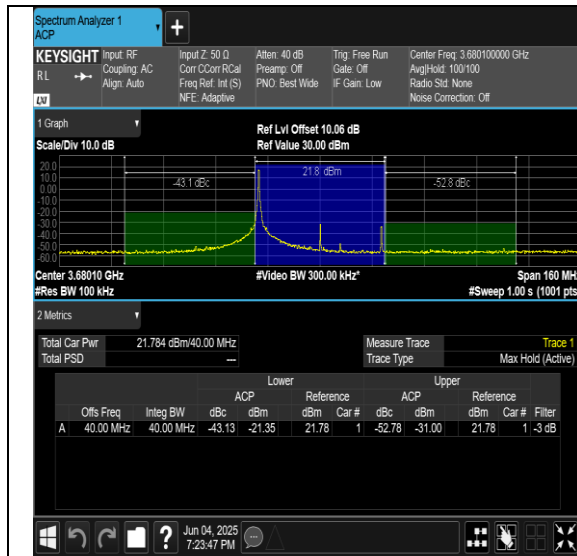
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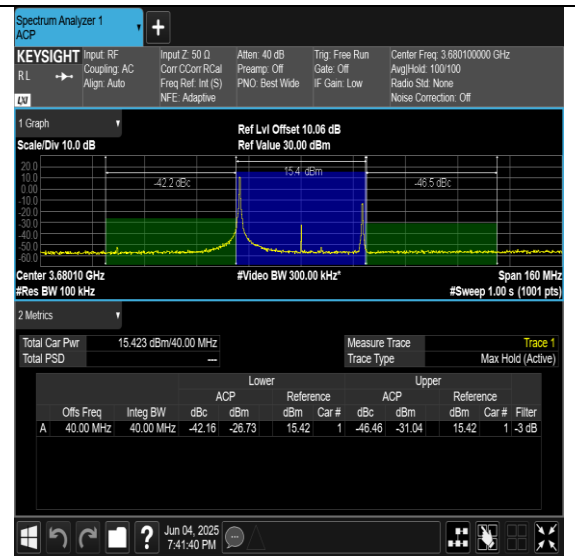
48-48-20MHz-20MHz-64QAM-64QAM-56442-56640-1RB#0-0RB#0-PASS



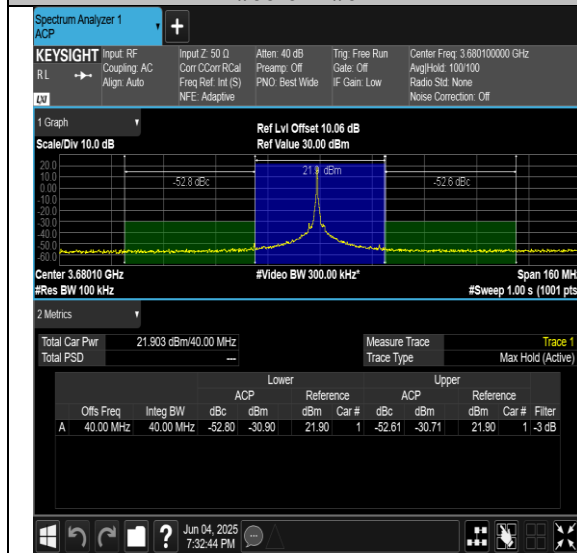
48-48-20MHz-20MHz-64QAM-64QAM-56442-56640-1RB#0-1RB#99-PASS



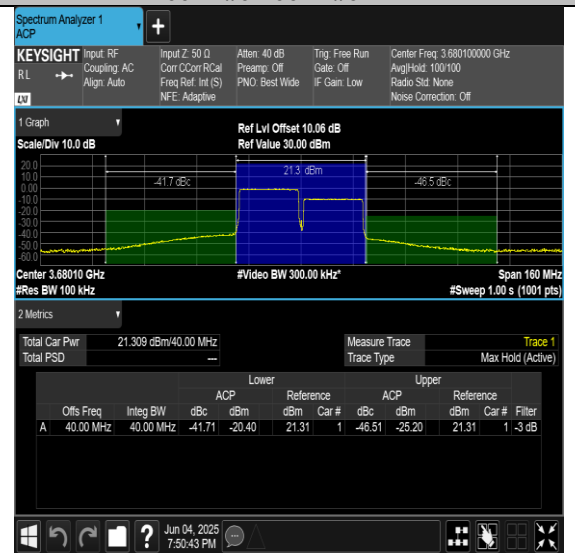
48-48-20MHz-20MHz-64QAM-64QAM-56442-56640-1RB#99-0RB#0-PASS



48-48-20MHz-20MHz-64QAM-64QAM-56442-56640-100RB#0-100RB#0-PASS



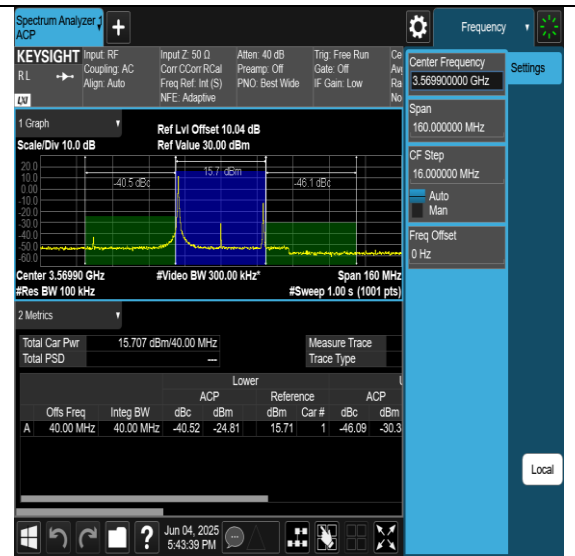
48-48-20MHz-20MHz-256QAM-256QAM-55340-55538-1RB#0-0RB#0-PASS



48-48-20MHz-20MHz-256QAM-256QAM-55340-55538-1RB#0-1RB#99-PASS



48-48-20MHz-20MHz-256QAM-256QAM-55340-55538-1RB#99-0RB#0-PASS



48-48-20MHz-20MHz-256QAM-256QAM-55340-55538-100RB#0-100RB#0-PASS



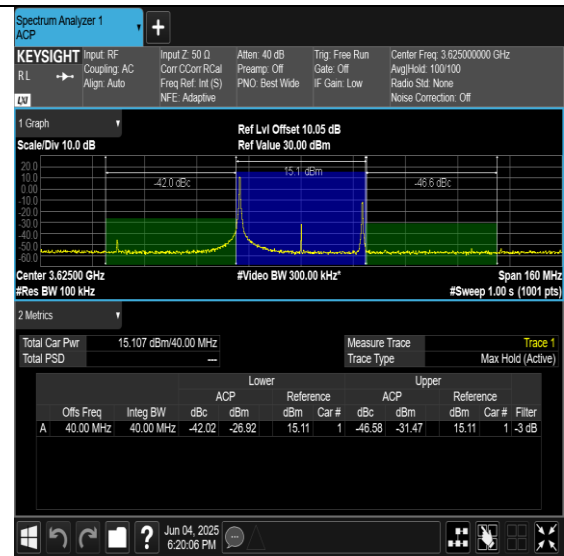
48-48-20MHz-20MHz-256QAM-256QAM-55891-56089-1RB#0-0RB#0-PASS



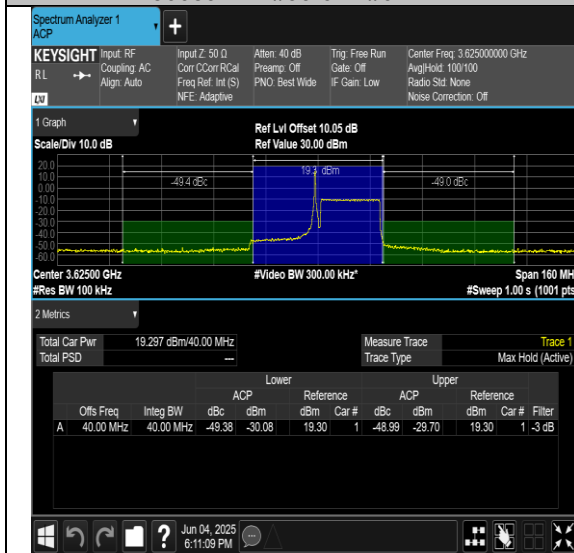
48-48-20MHz-20MHz-256QAM-256QAM-55891-56089-1RB#0-1RB#99-PASS



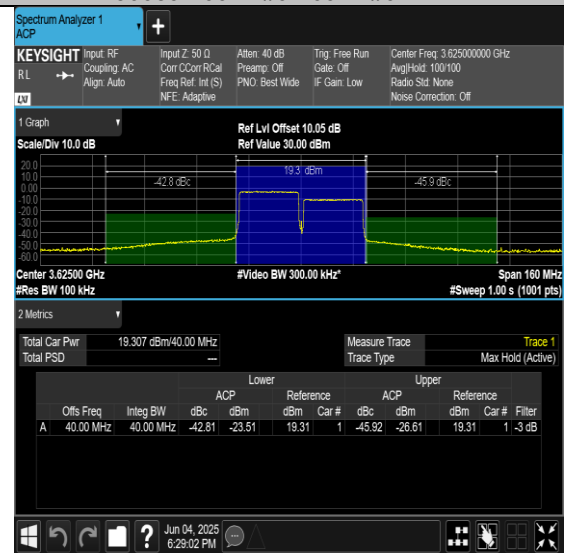
48-48-20MHz-20MHz-256QAM-256QAM-55891-56089-1RB#99-0RB#0-PASS



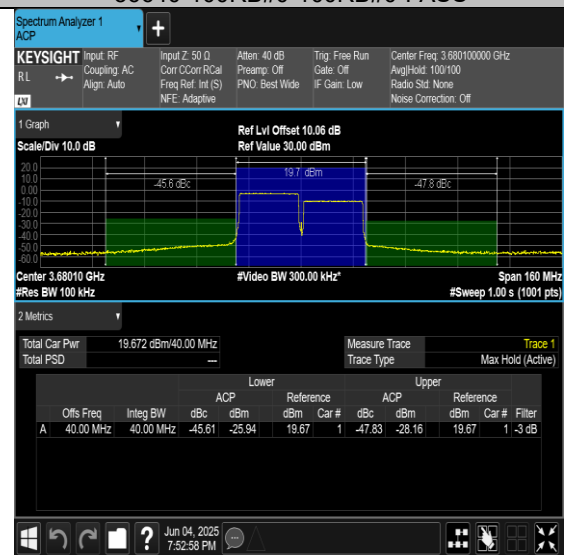
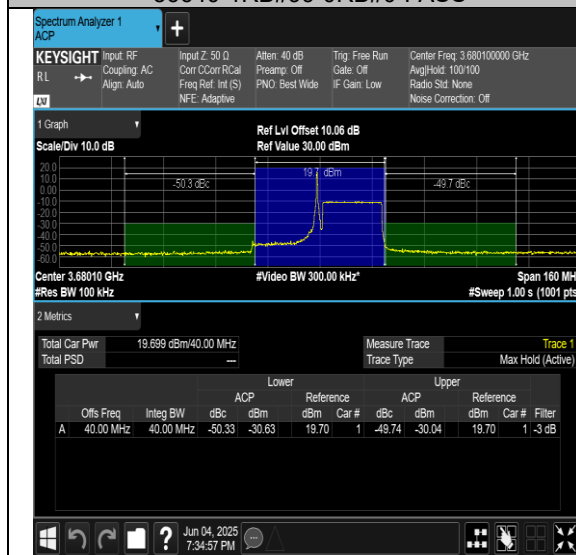
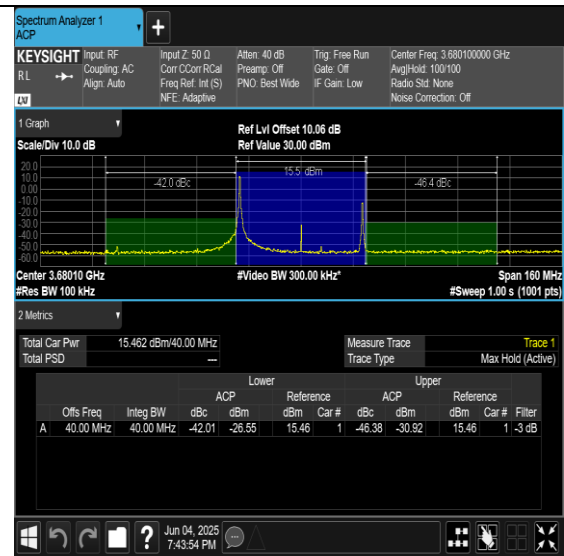
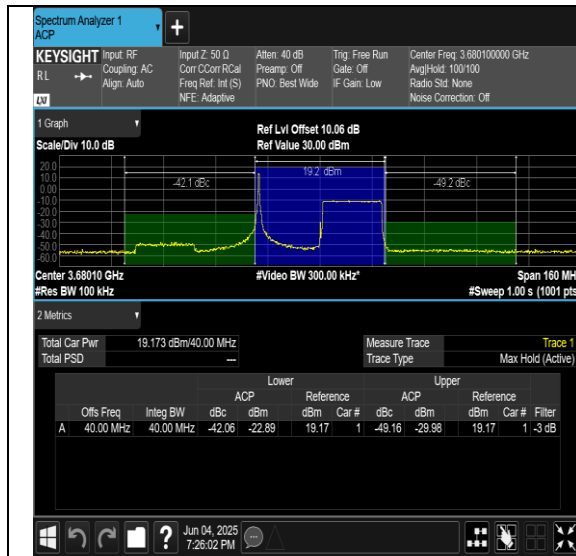
48-48-20MHz-20MHz-256QAM-256QAM-55891-56089-100RB#0-100RB#0-PASS



48-48-20MHz-20MHz-256QAM-256QAM-56442-56640-1RB#0-0RB#0-PASS

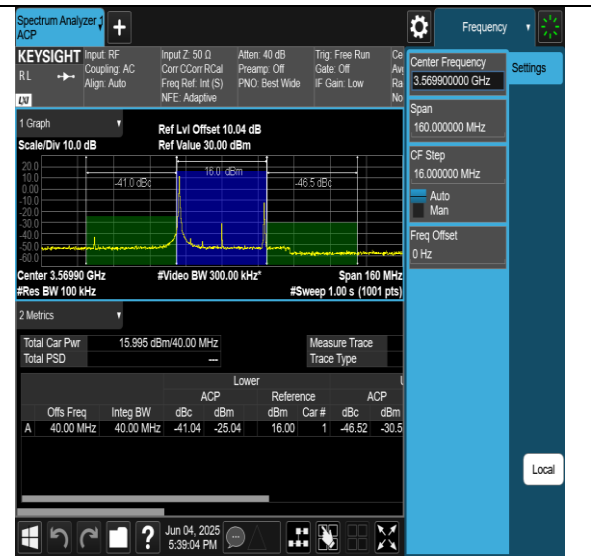


48-48-20MHz-20MHz-256QAM-256QAM-56442-56640-1RB#0-1RB#99-PASS





48-48-20MHz-20MHz-16QAM-16QAM-55340-55538-1RB#99-0RB#0-PASS



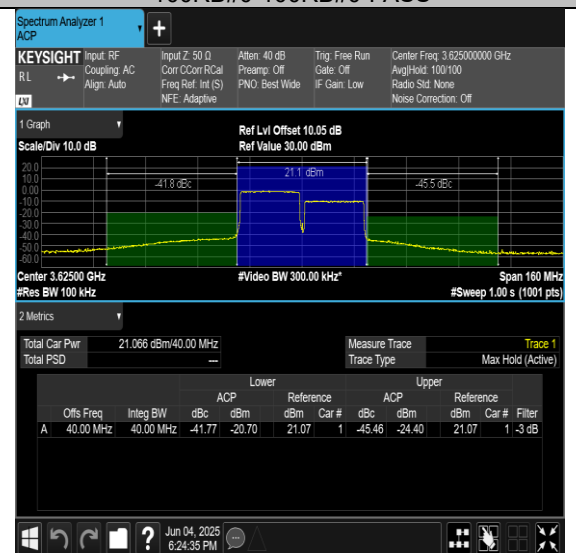
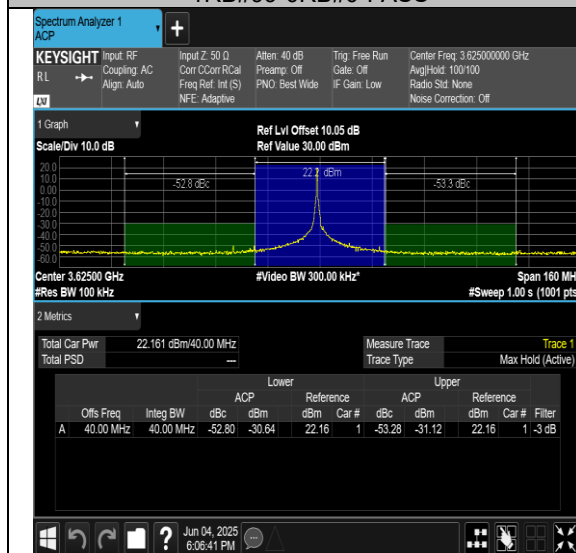
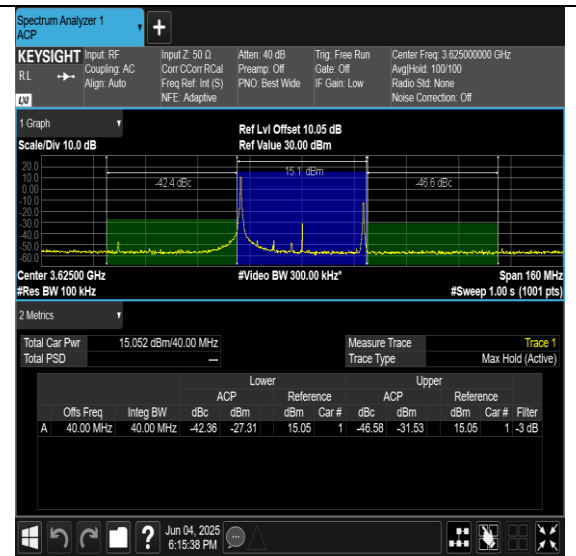
48-48-20MHz-20MHz-16QAM-16QAM-55340-55538-100RB#0-100RB#0-PASS

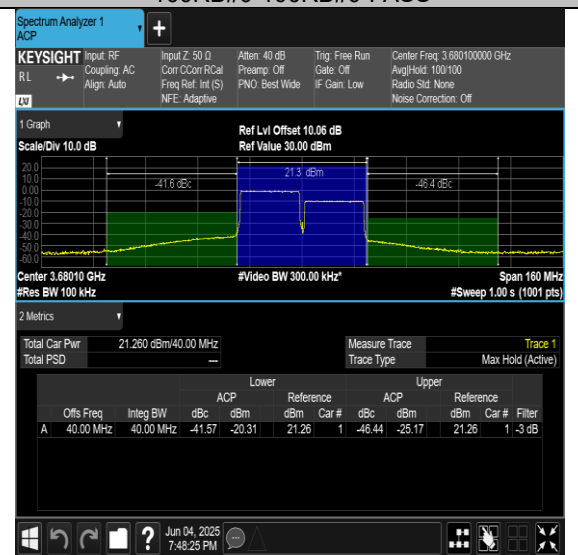
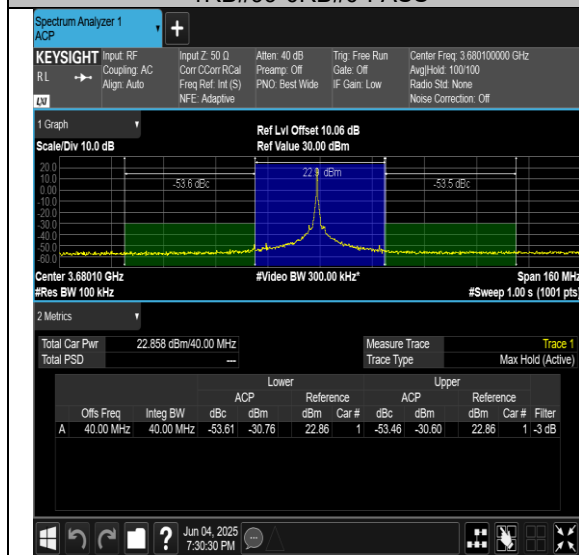
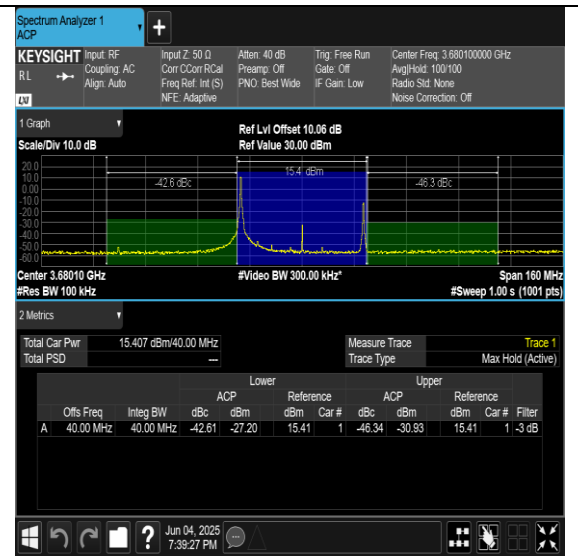
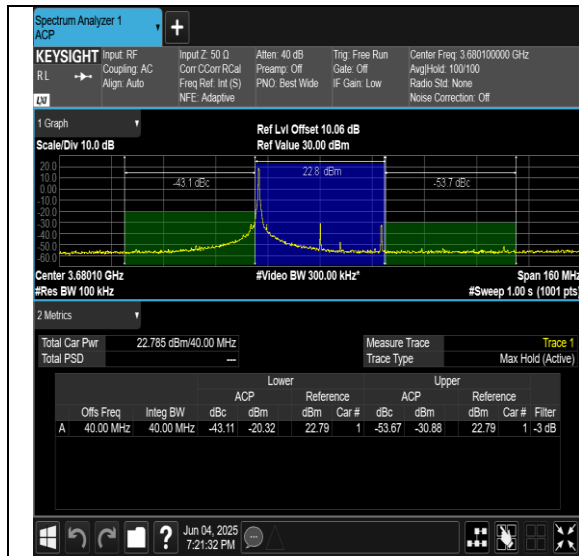


48-48-20MHz-20MHz-16QAM-16QAM-55891-56089-1RB#0-0RB#0-PASS



48-48-20MHz-20MHz-16QAM-16QAM-55891-56089-1RB#0-1RB#99-PASS

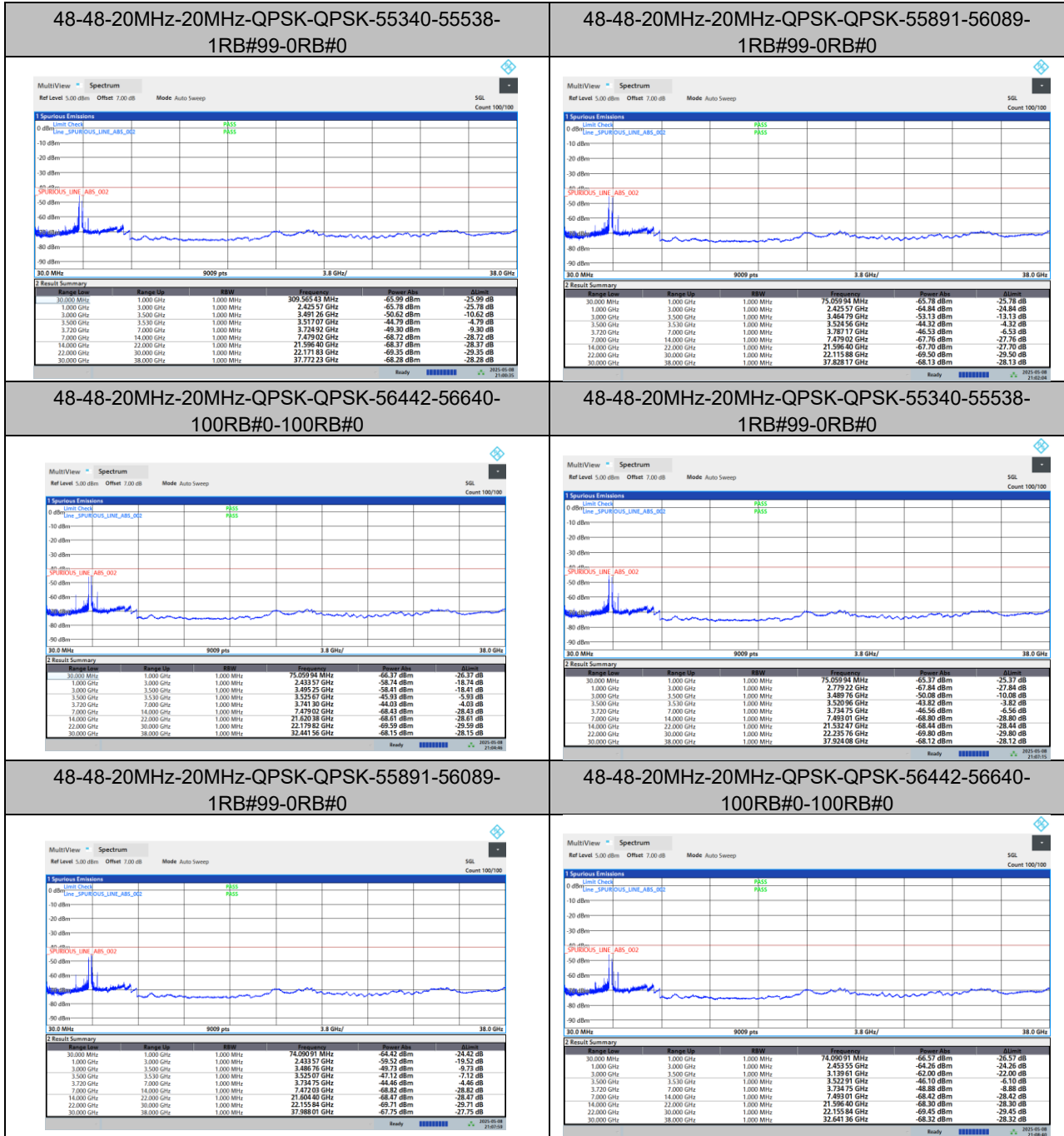




CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Verdict
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#99-1RB#0	See Graph	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#99-1RB#0	See Graph	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#99-1RB#0	See Graph	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	1RB#99-1RB#0	See Graph	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	1RB#99-1RB#0	See Graph	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	1RB#99-1RB#0	See Graph	PASS

TEST GRAPHS



RADIATED EMISSION MEASUREMENT

TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

BELOW 1GHz WORST-CASE DATA

30 MHz – 1GHz data:

LTE Band CA_48C								
CHANNEL BANDWIDTH	(20+20) MHz / QPSK	MODE	TX channel PCC 55891					
			TX channel SCC 56089					
FREQUENCY RANGE	Below 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60HZ	TESTED BY	Jack Liu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	30.000	-57.95	-55.97	-40.00	-17.95	-1.98	Peak	Horizontal
2	85.290	-70.49	-57.77	-40.00	-30.49	-12.72	Peak	Horizontal
3	127.970	-68.39	-52.67	-40.00	-28.39	-15.72	Peak	Horizontal
4	151.250	-64.47	-50.04	-40.00	-24.47	-14.43	Peak	Horizontal
5	269.590	-75.69	-65.44	-40.00	-35.69	-10.25	Peak	Horizontal
6	429.640	-71.51	-65.16	-40.00	-31.51	-6.35	Peak	Horizontal

LTE Band CA_48C								
CHANNEL BANDWIDTH	(20+20) MHz / QPSK	MODE	TX channel PCC 55891					
			TX channel SCC 56089					
FREQUENCY RANGE	Below 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60HZ	TESTED BY	Jack Liu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	30.000	-77.03	-55.33	-40.00	-37.03	-21.70	Peak	Vertical
2	85.290	-77.61	-59.48	-40.00	-37.61	-18.13	Peak	Vertical
3	118.270	-70.30	-54.07	-40.00	-30.30	-16.23	Peak	Vertical
4 PP	148.340	-63.78	-50.25	-40.00	-23.78	-13.53	Peak	Vertical
5	248.250	-69.07	-65.14	-40.00	-29.07	-3.93	Peak	Vertical
6	366.590	-69.47	-65.57	-40.00	-29.47	-3.90	Peak	Vertical

ABOVE 1GHz WORST-CASE DATA

Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

LTE Band CA_48C								
CHANNEL BANDWIDTH	(20+20) MHz / QPSK		MODE		TX channel PCC 55891			
					TX channel SCC 56089			
FREQUENCY RANGE	Above 1000MHz		ENVIRONMENTAL CONDITIONS		23deg. C, 70%RH			
INPUT POWER	AC 120V/60HZ		TESTED BY		Jack Liu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7230.000	-51.54	-64.62	-40.00	-11.54	13.08	Peak	Horizontal
2	7270.000	-51.92	-65.06	-40.00	-11.92	13.14	Peak	Horizontal
3	PP10845.000	-43.56	-63.11	-40.00	-3.56	19.55	Peak	Horizontal
4	10900.000	-43.84	-63.56	-40.00	-3.84	19.72	Peak	Horizontal

LTE Band CA_48C								
CHANNEL BANDWIDTH	(20+20) MHz / QPSK	MODE	TX channel PCC 55891					
			TX channel SCC 56089					
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH					
INPUT POWER	AC 120V/60HZ	TESTED BY	Jack Liu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7228.000	-50.60	-64.15	-40.00	-10.60	13.55	Peak	Vertical
2	7270.000	-50.80	-64.46	-40.00	-10.80	13.66	Peak	Vertical
3	10845.000	-44.25	-62.86	-40.00	-4.25	18.61	Peak	Vertical
4	PP10905.000	-44.23	-62.84	-40.00	-4.23	18.61	Peak	Vertical

--END--