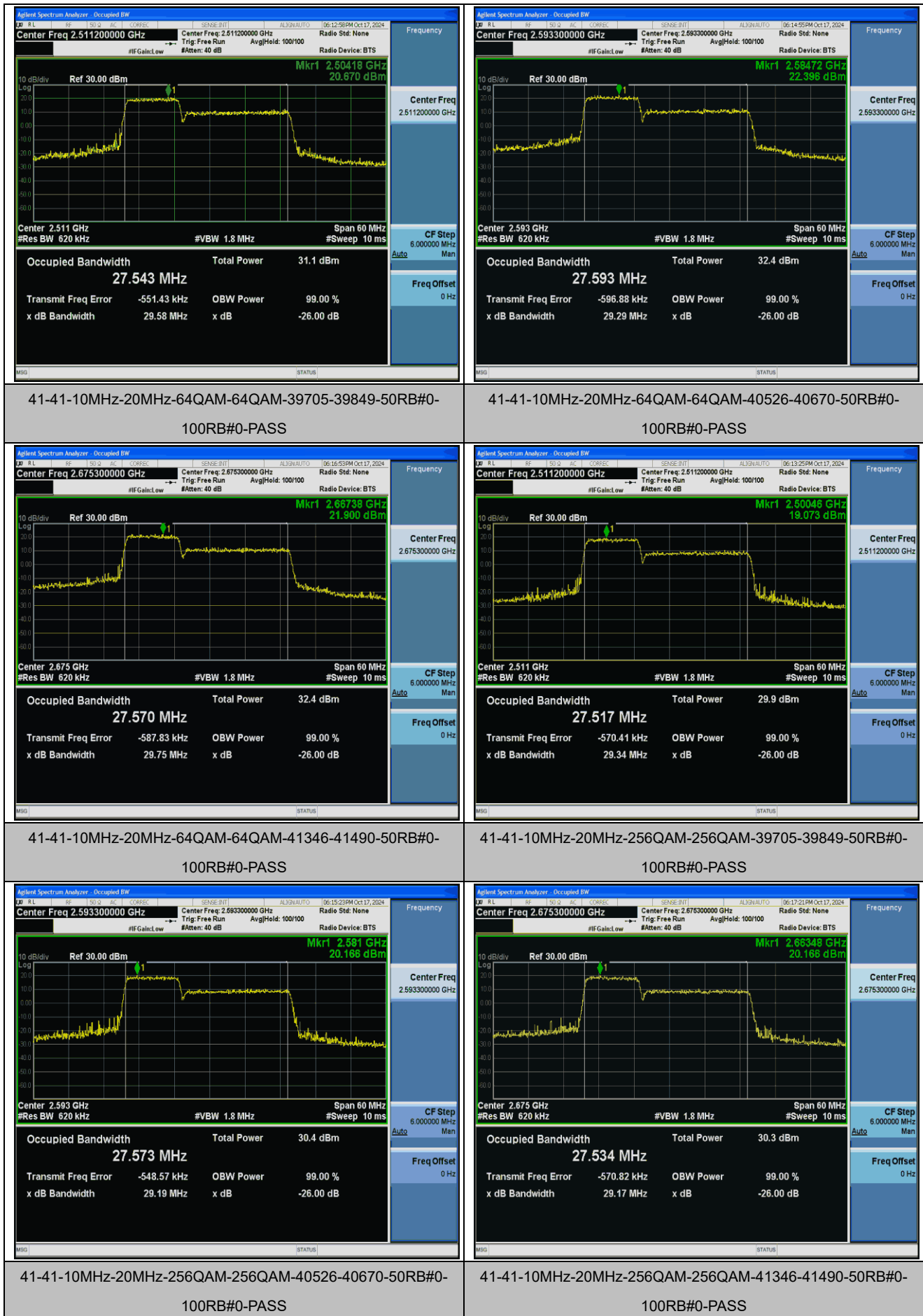
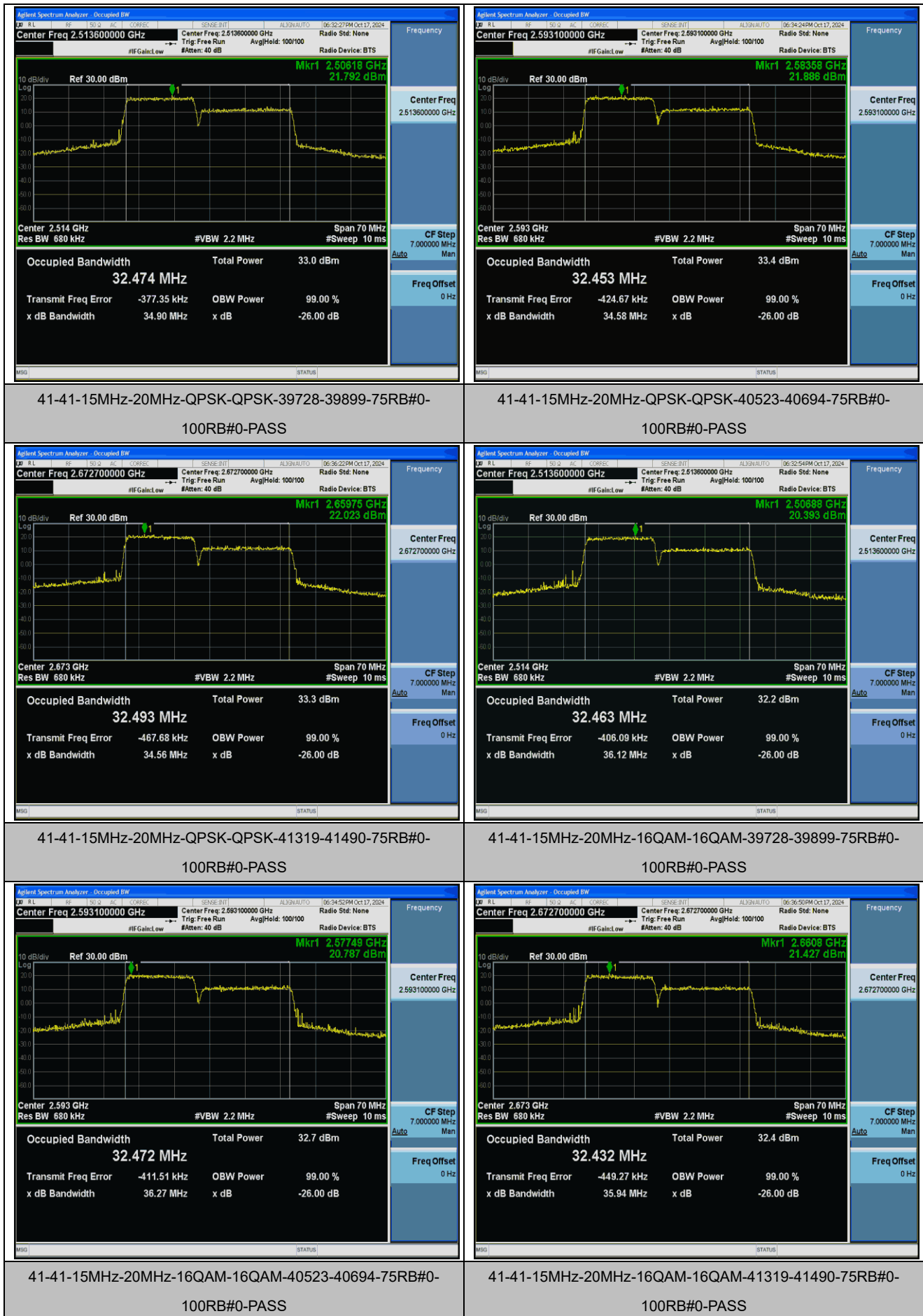
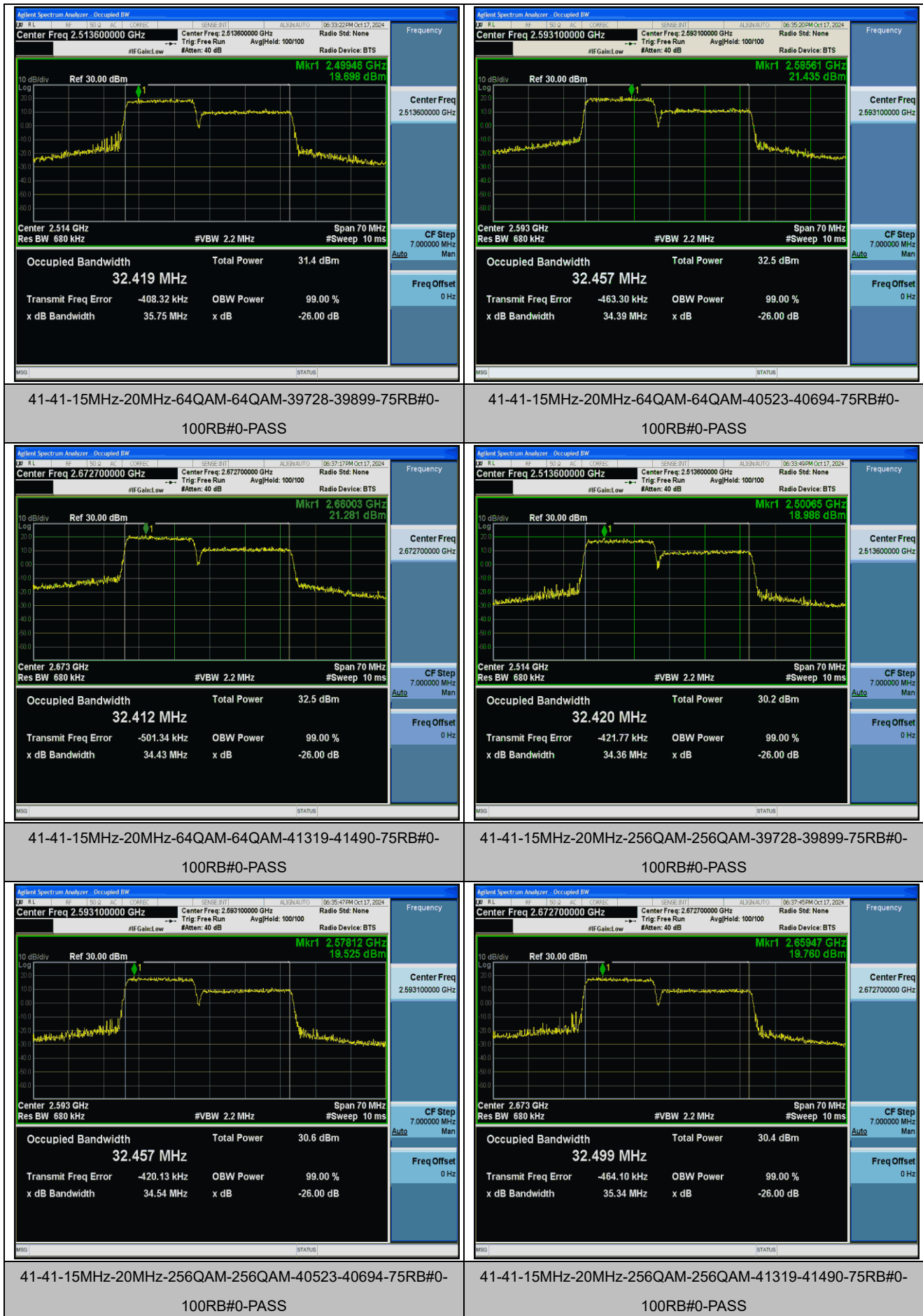
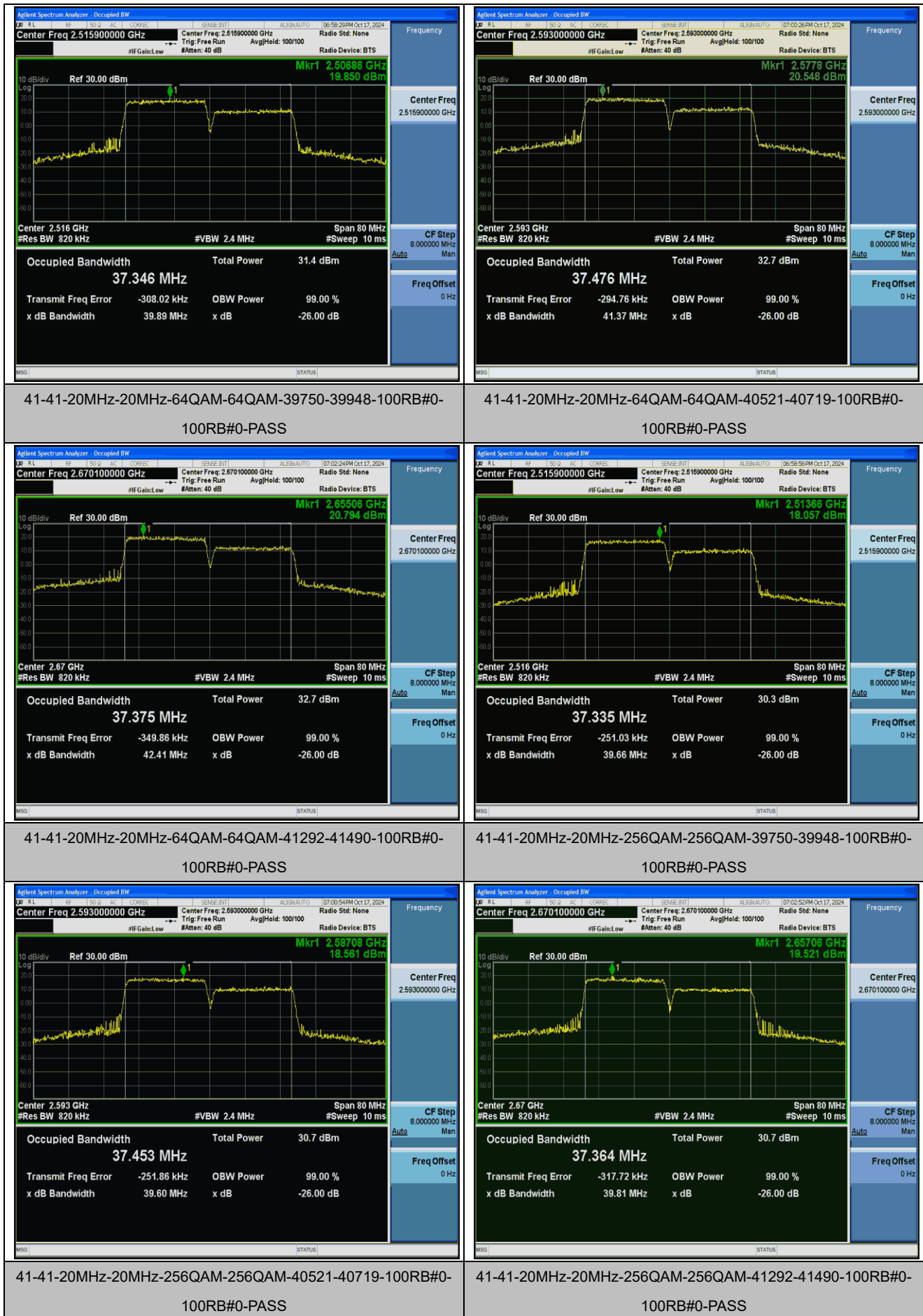






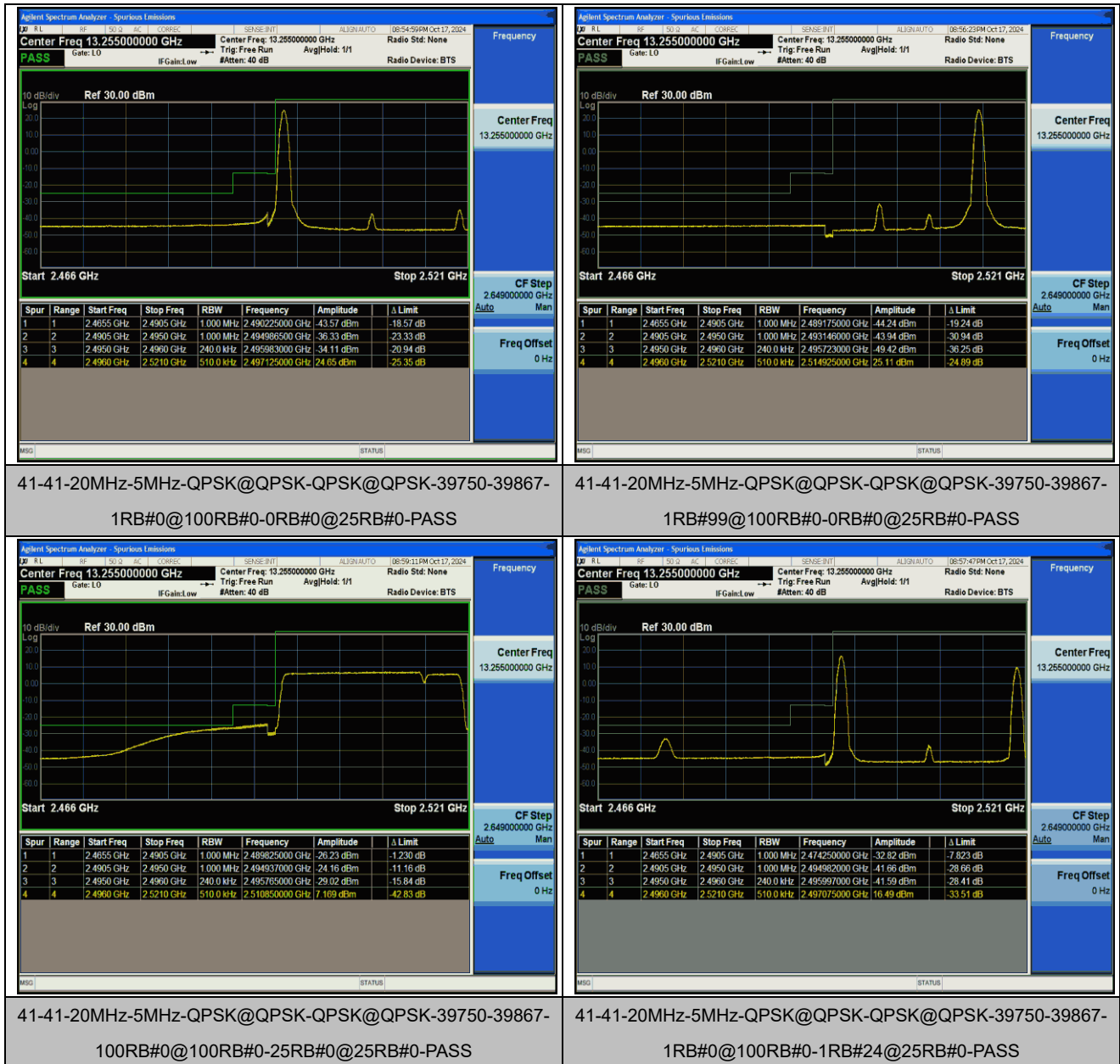


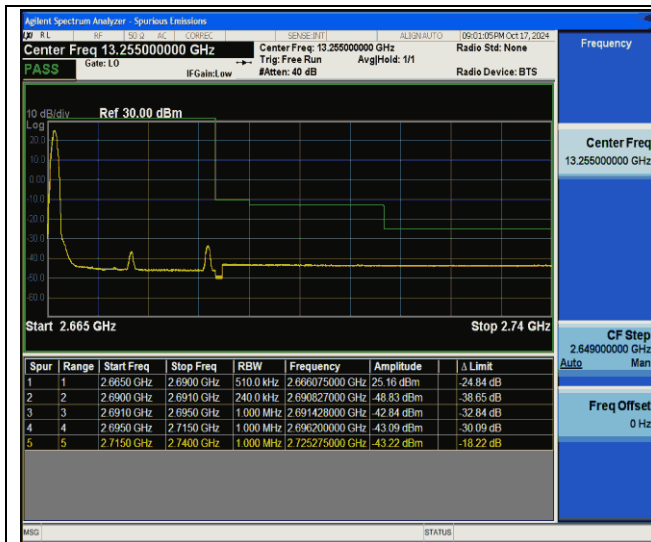




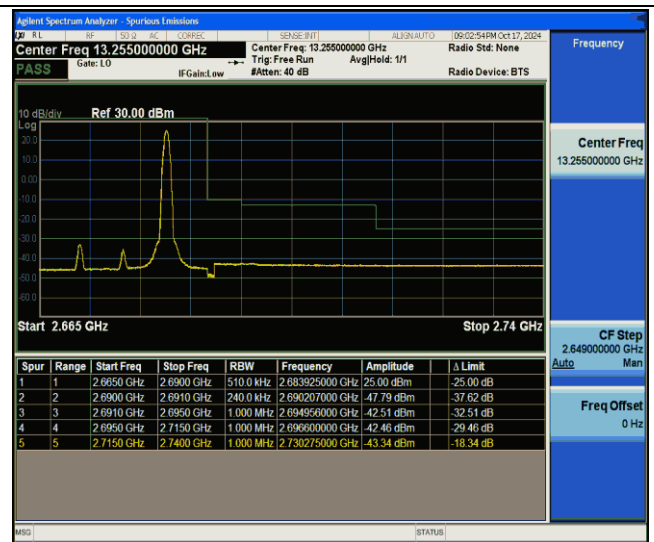
Band Edge

Test Graphs





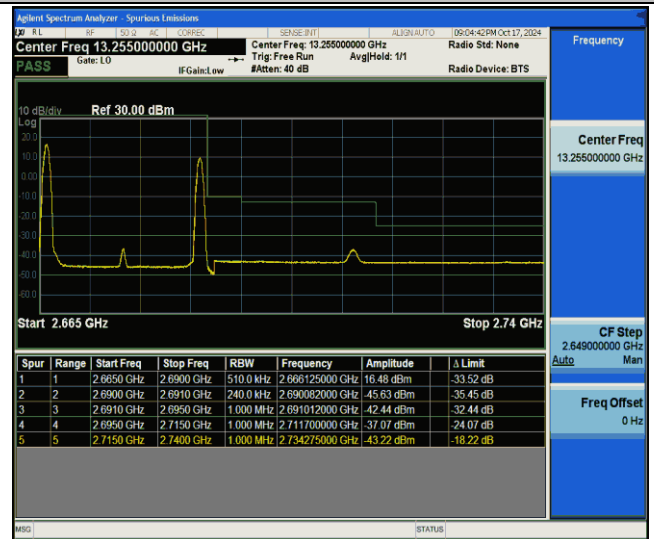
41-41-20MHz-5MHz-QPSK@QPSK-QPSK@QPSK-41440-41557-
1RB#0@100RB#0-0RB#0@25RB#0-PASS



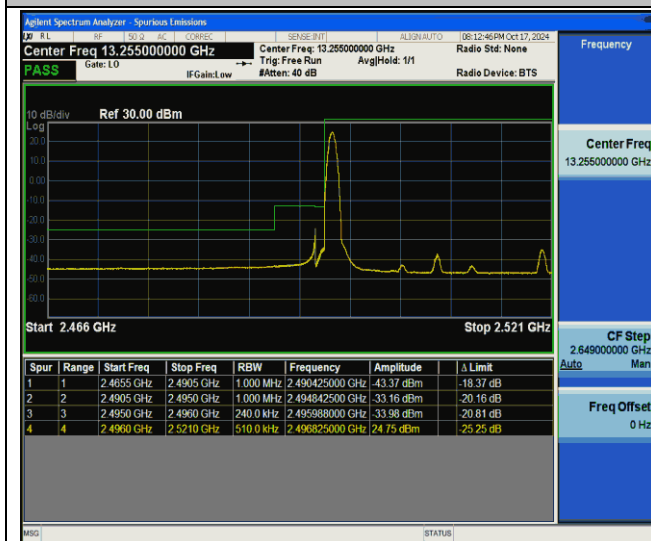
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1RB#99@100RB#0-0RB#0@25RB#0-PASS



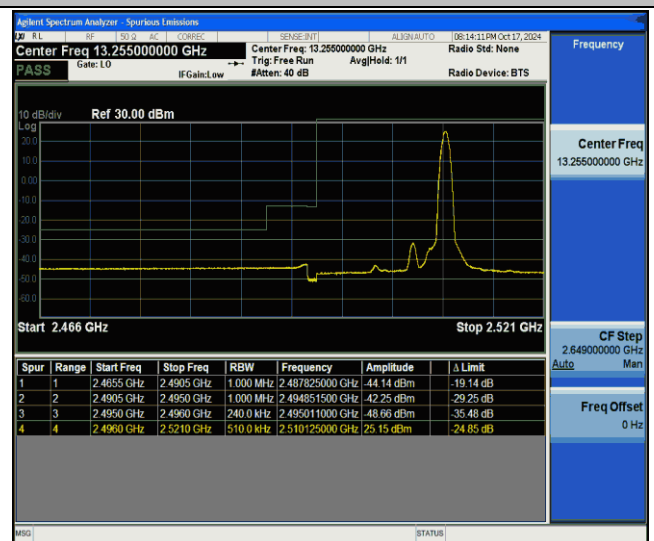
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100RB#0@100RB#0-25RB#0@25RB#0-PASS



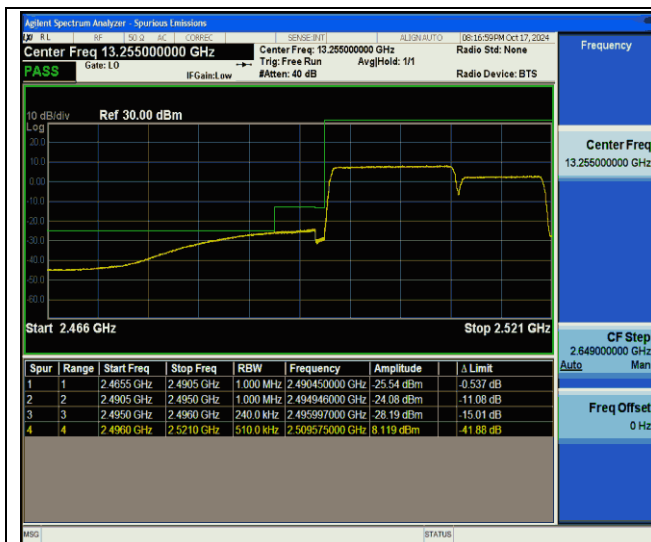
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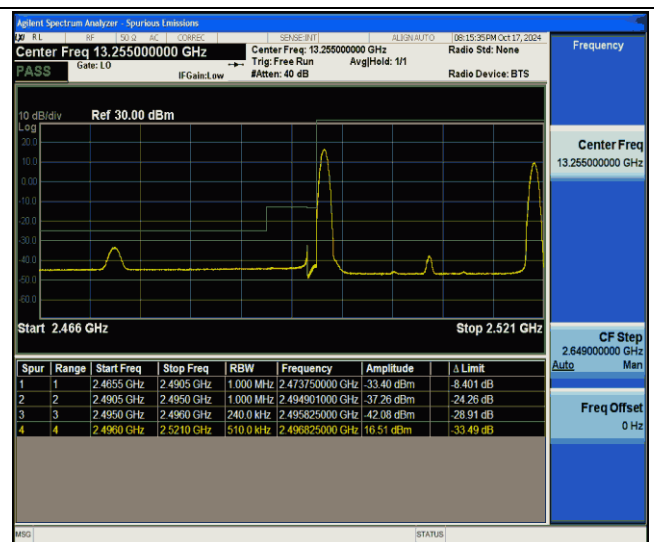
41-41-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-39725-
39845-1RB#0@75RB#0-0RB#0@50RB#0-PASS



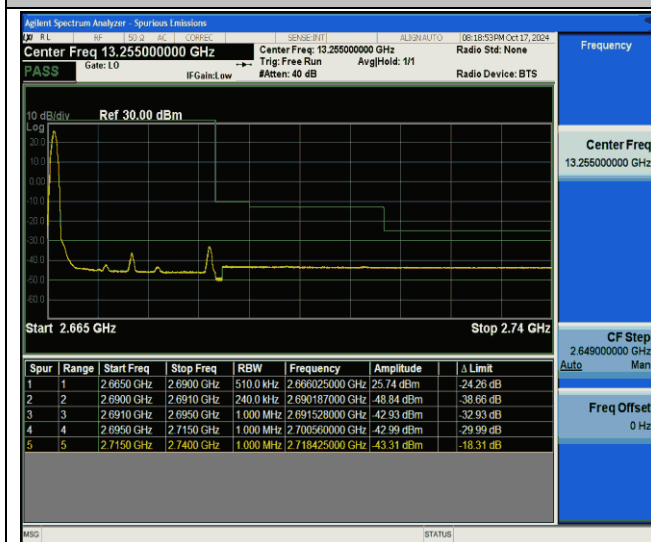
41-41-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-39725-
39845-1RB#74@75RB#0-0RB#0@50RB#0-PASS



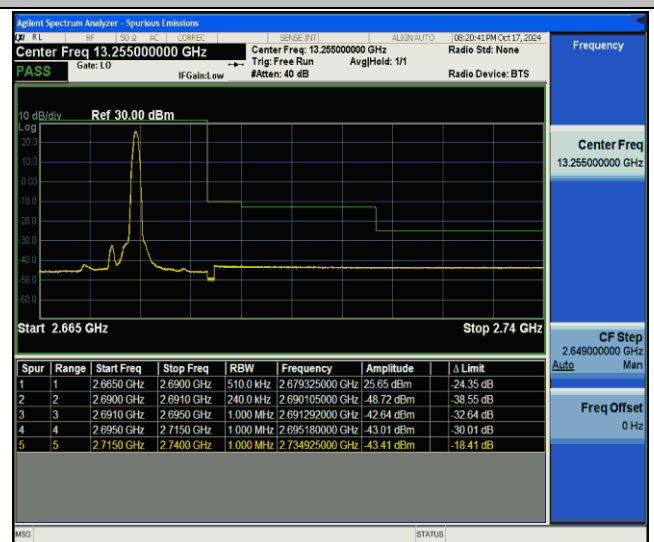
41-41-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-39725-
39845-75RB#0@75RB#0-50RB#0@50RB#0-PASS



41-41-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-39725-
39845-1RB#0@75RB#0-1RB#49@50RB#0-PASS



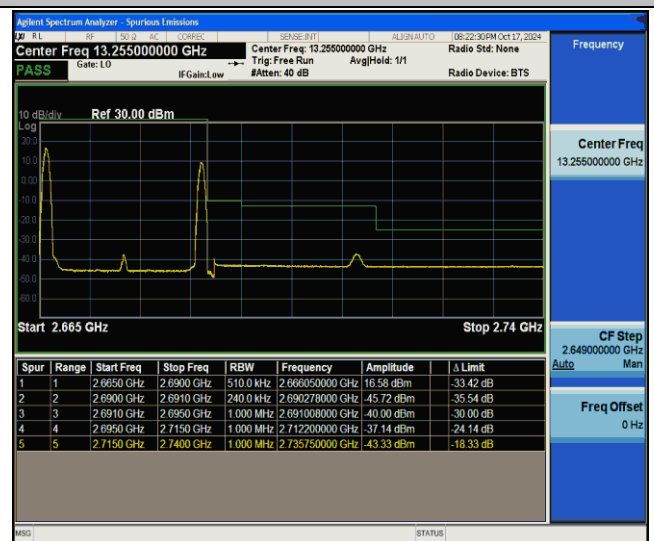
41-41-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-41417-
41537-1RB#0@75RB#0-0RB#0@50RB#0-PASS



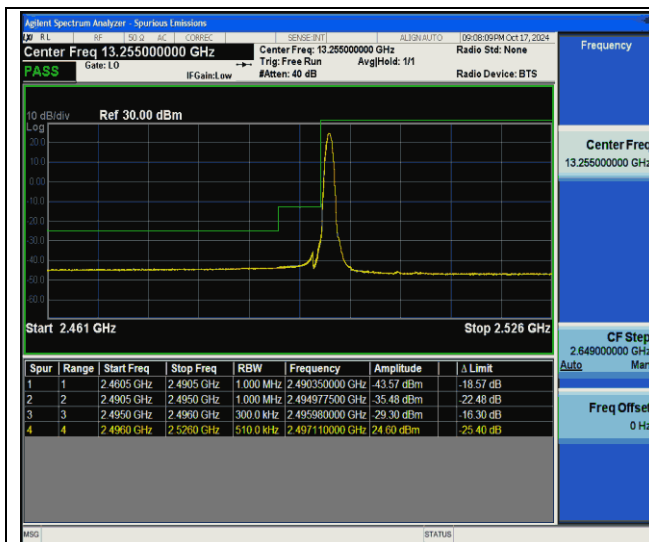
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41537-1RB#74@75RB#0-0RB#0@50RB#0-PASS



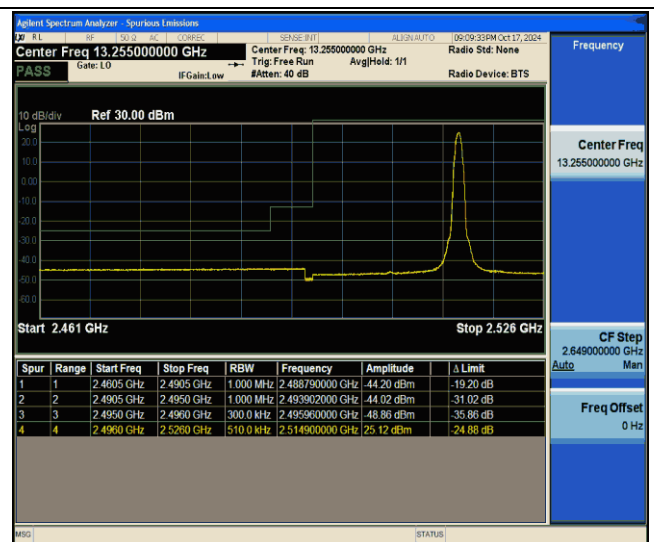
41-41-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-41417-
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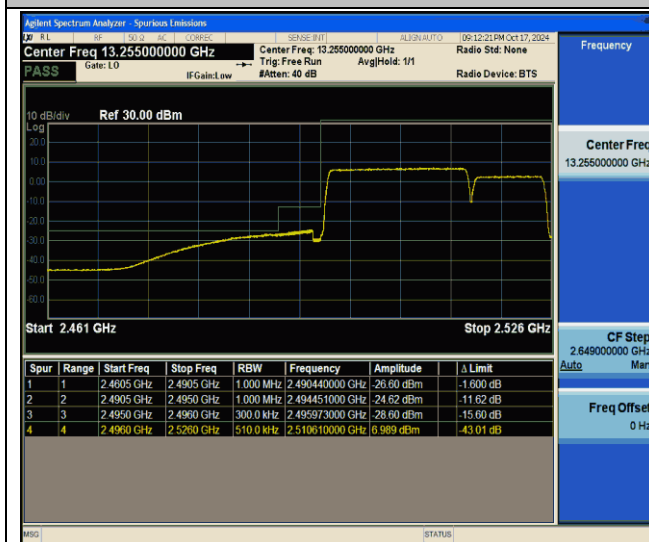
41-41-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-41417-
41537-1RB#0@75RB#0-1RB#49@50RB#0-PASS



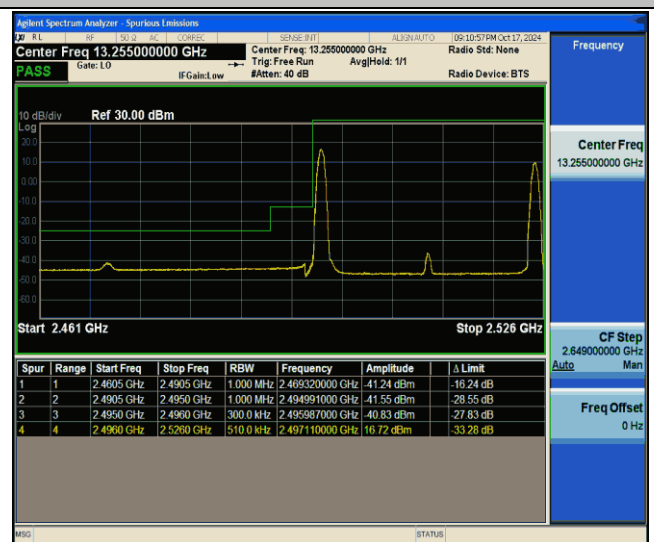
41-41-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-39750-
39894-1RB#0@100RB#0-0RB#0@50RB#0-PASS



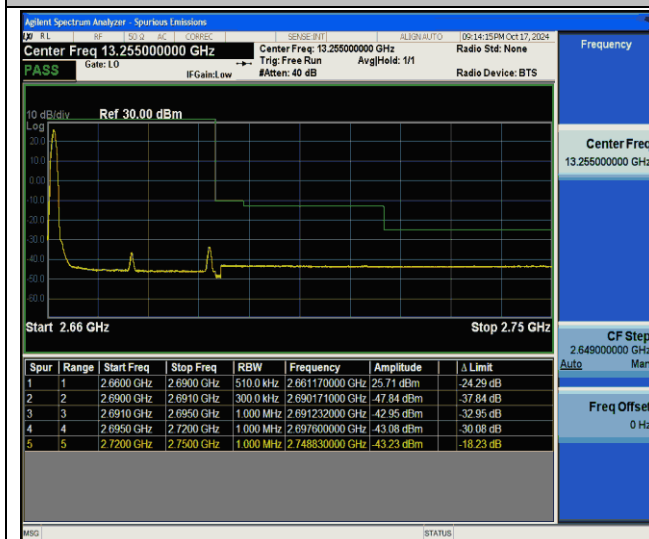
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39894-1RB#99@100RB#0-0RB#0@50RB#0-PASS



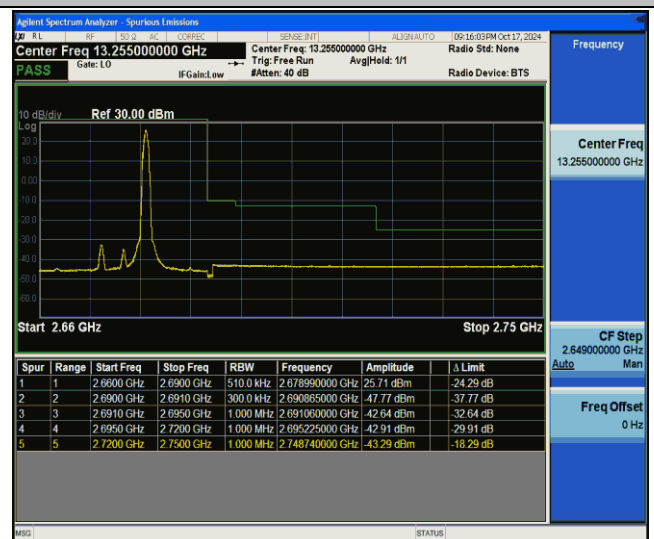
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39894-100RB#0@100RB#0-50RB#0@50RB#0-PASS



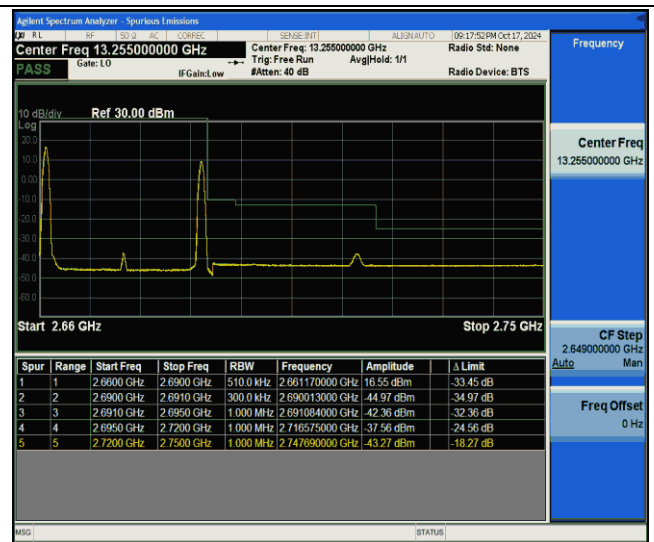
41-41-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-39750-
39894-1RB#0@100RB#0-1RB#49@50RB#0-PASS



41-41-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-41391-
41535-1RB#0@100RB#0-0RB#0@50RB#0-PASS

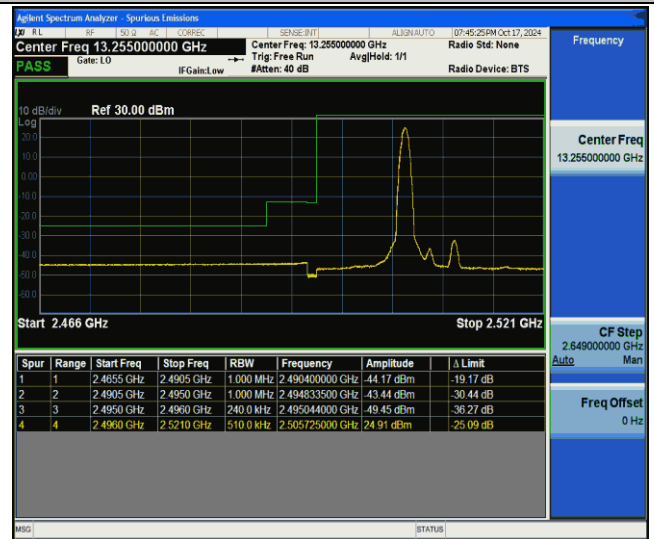
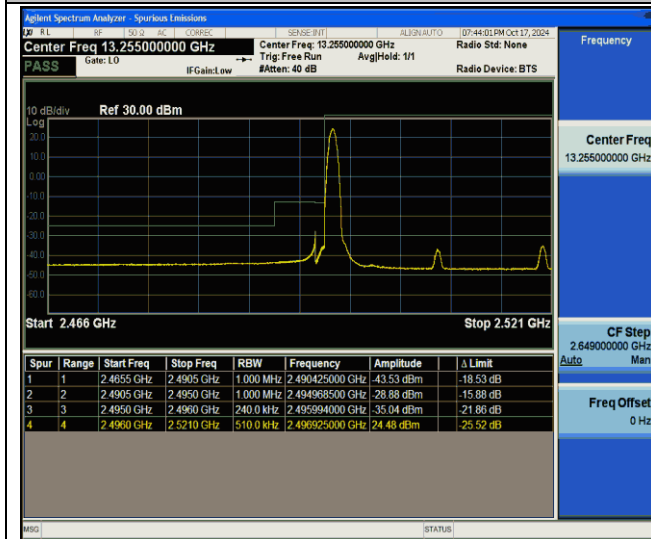


41-41-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-41391-
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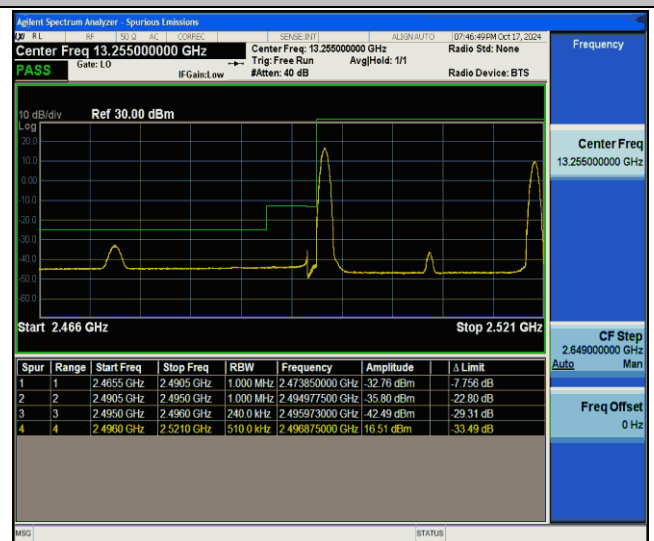
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41-41-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-41391-
41535-1RB#0@100RB#0-1RB#49@50RB#0-PASS



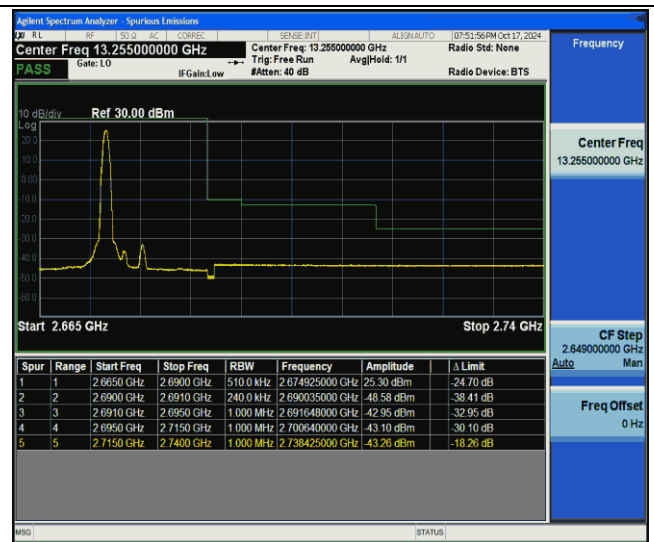
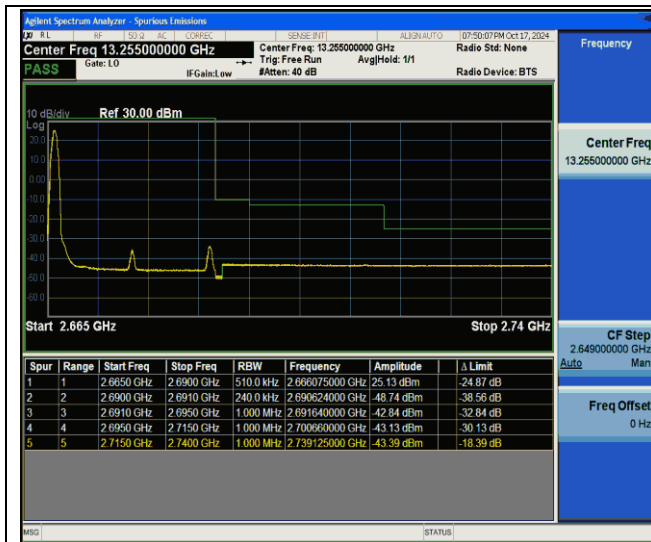
41-41-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39703-
39823-1RB#0@50RB#0-0RB#0@75RB#0-PASS

41-41-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39703-
39823-1RB#49@50RB#0-0RB#0@75RB#0-PASS



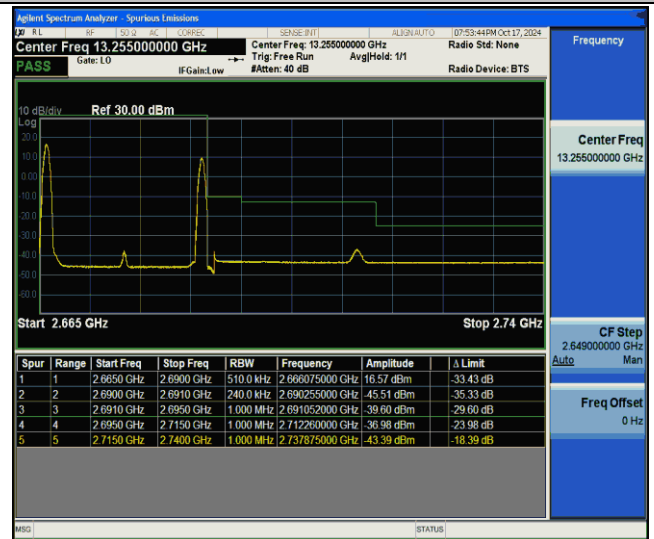
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39823-50RB#0@50RB#0-75RB#0@75RB#0-PASS

41-41-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39703-
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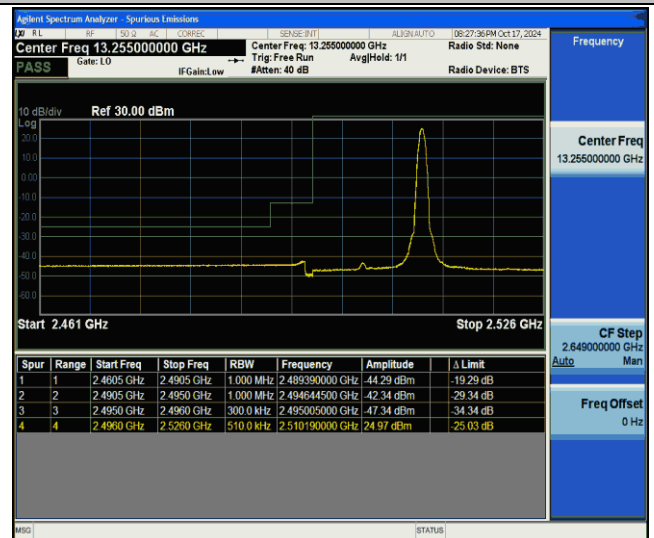
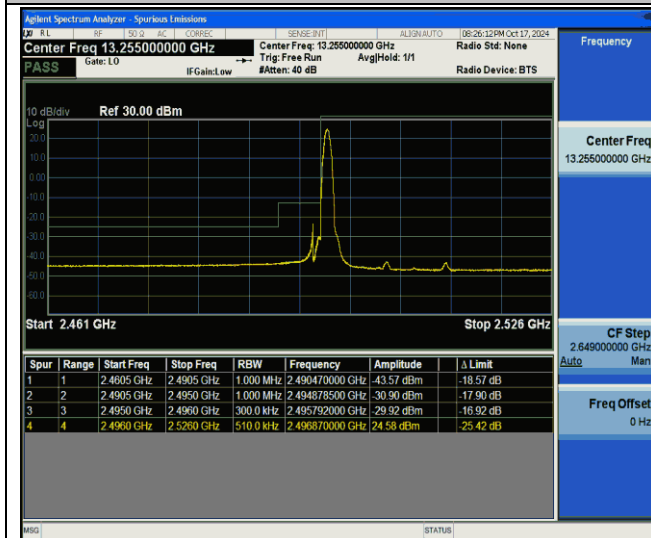
41-41-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-41395-
41515-1RB#0@50RB#0-0RB#0@75RB#0-PASS

41-41-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-41395-
41515-1RB#49@50RB#0-0RB#0@75RB#0-PASS



41-41-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-41395-
41515-50RB#0@50RB#0-75RB#0@75RB#0-PASS

41-41-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-41395-
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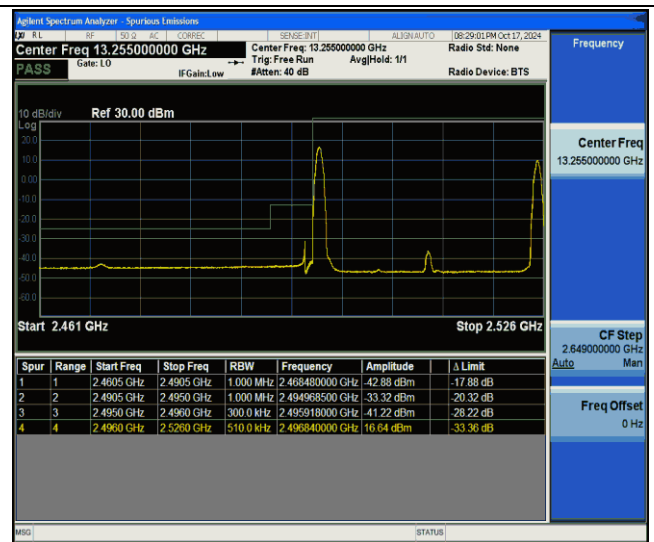


41-41-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39725-
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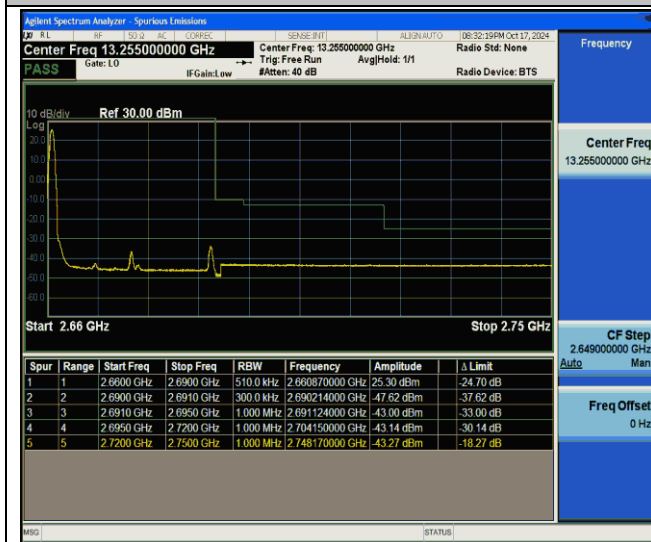
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39875-1RB#74@75RB#0-0RB#0@75RB#0-PASS



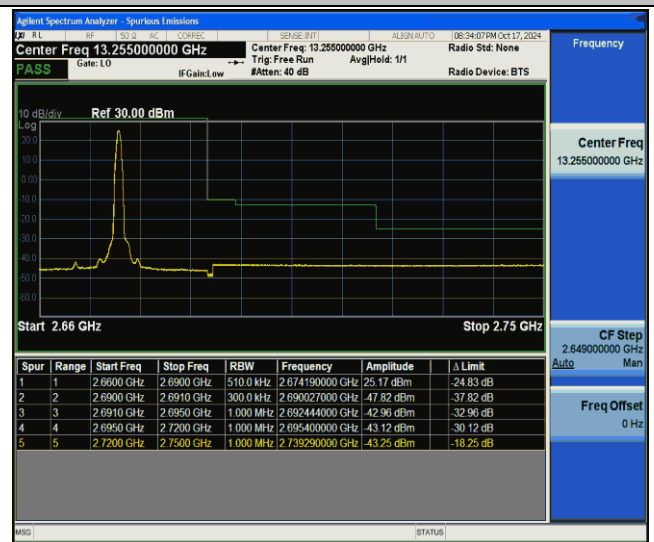
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39875-75RB#0@75RB#0-75RB#0@75RB#0-PASS



41-41-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39725-
39875-1RB#0@75RB#0-1RB#74@75RB#0-PASS



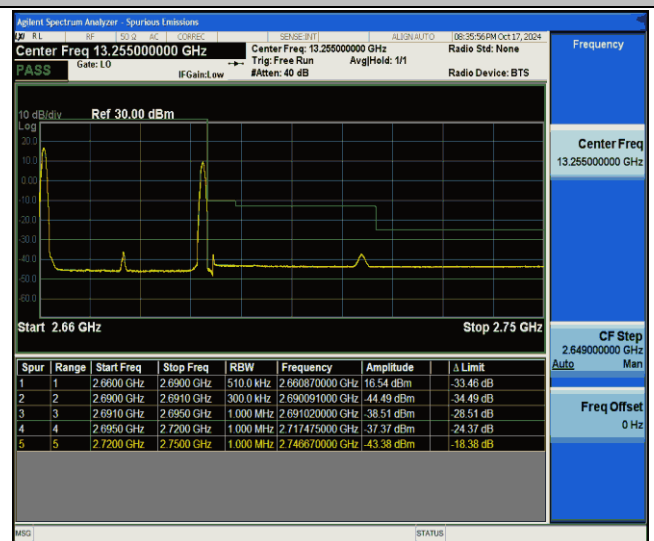
41-41-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-41365-
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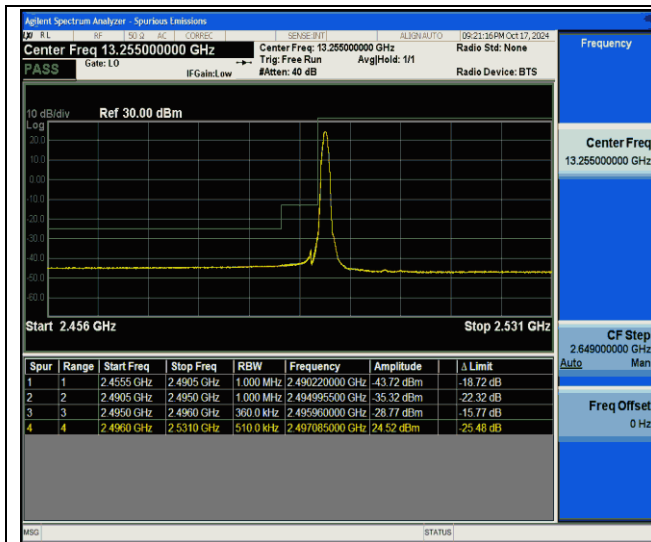
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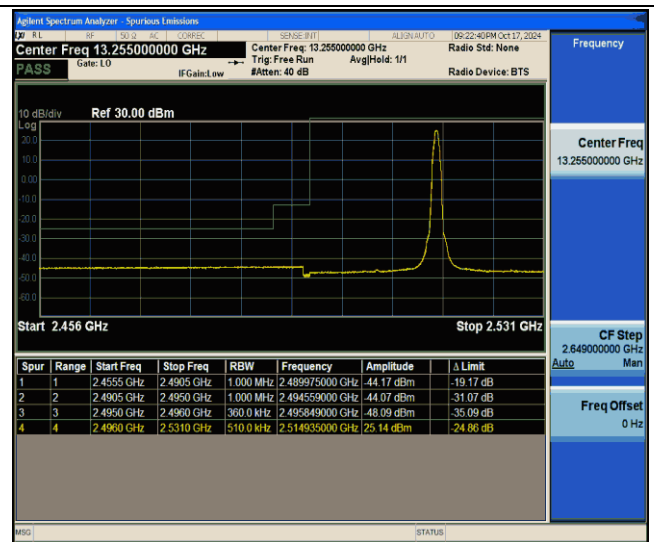
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41515-75RB#0@75RB#0-75RB#0@75RB#0-PASS



41-41-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-41365-
41515-1RB#0@75RB#0-1RB#74@75RB#0-PASS



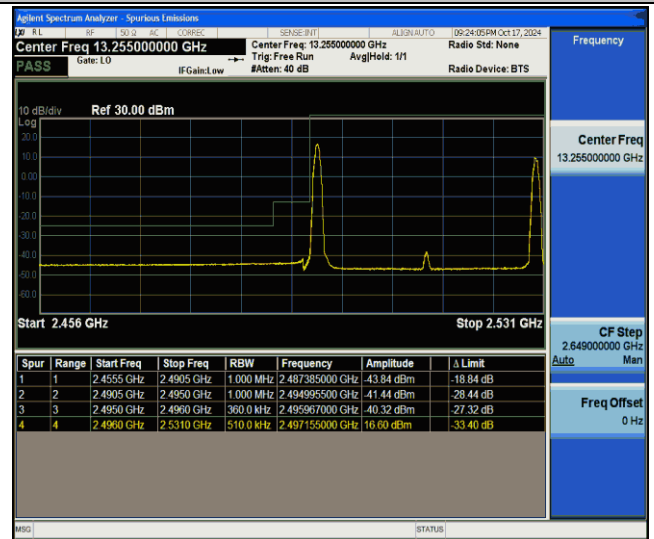
41-41-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39750-
39921-1RB#0@100RB#0-0RB#0@75RB#0-PASS



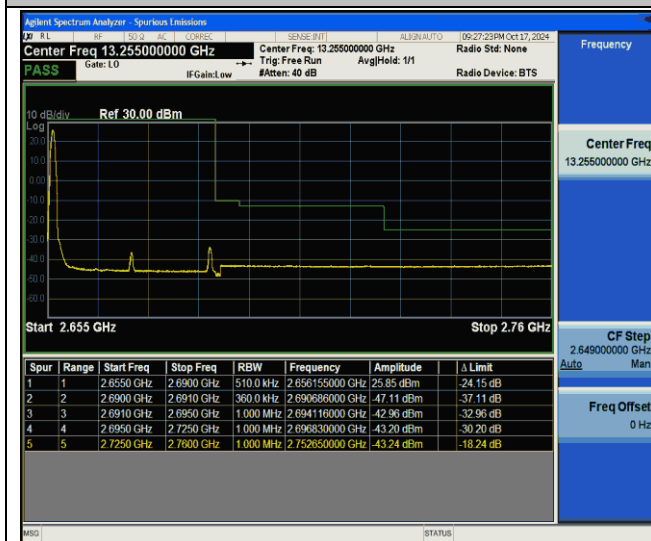
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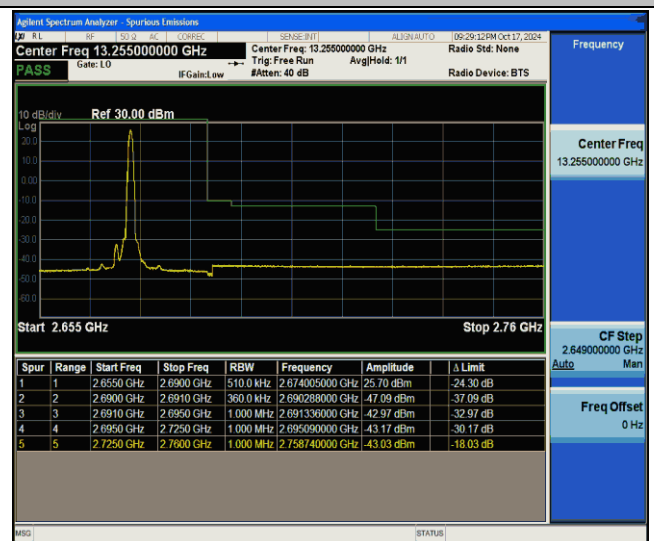
41-41-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39750-
39921-100RB#0@100RB#0-75RB#0@75RB#0-PASS



41-41-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-39750-
39921-1RB#0@100RB#0-1RB#74@75RB#0-PASS



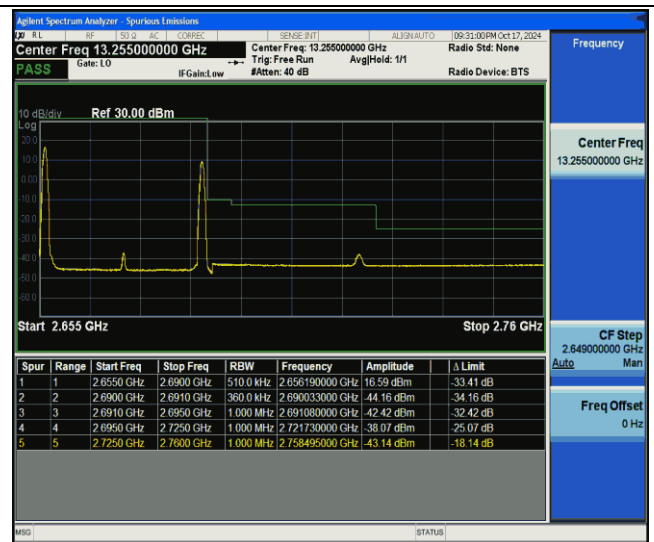
41-41-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-41341-
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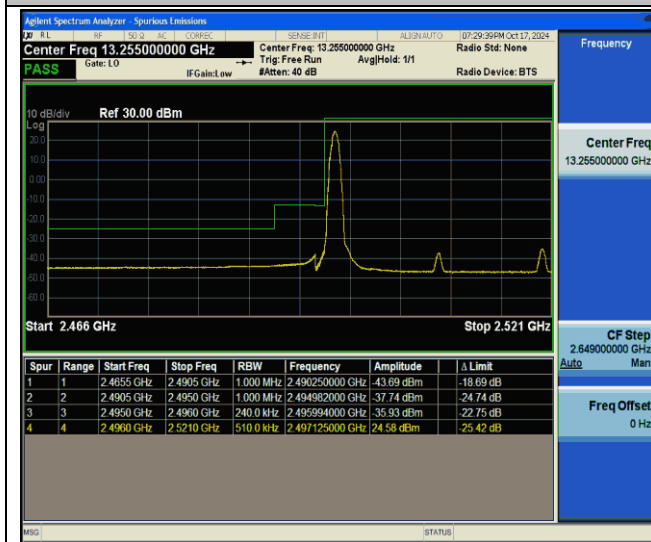
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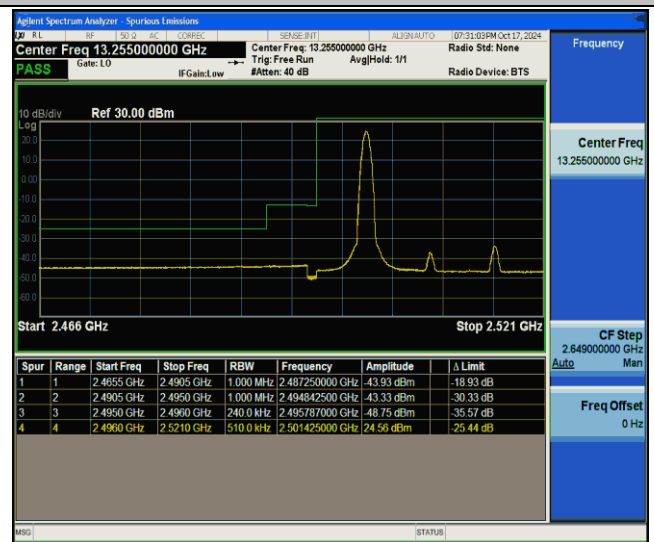
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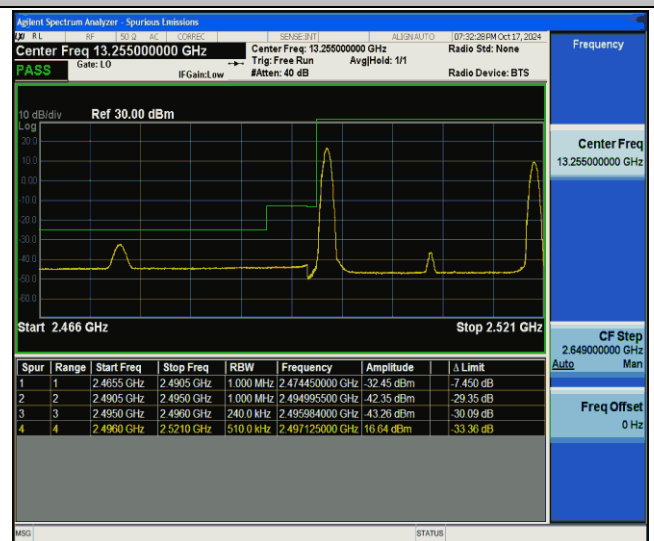
41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39683-39800-
1RB#0@25RB#0-0RB#0@100RB#0-PASS



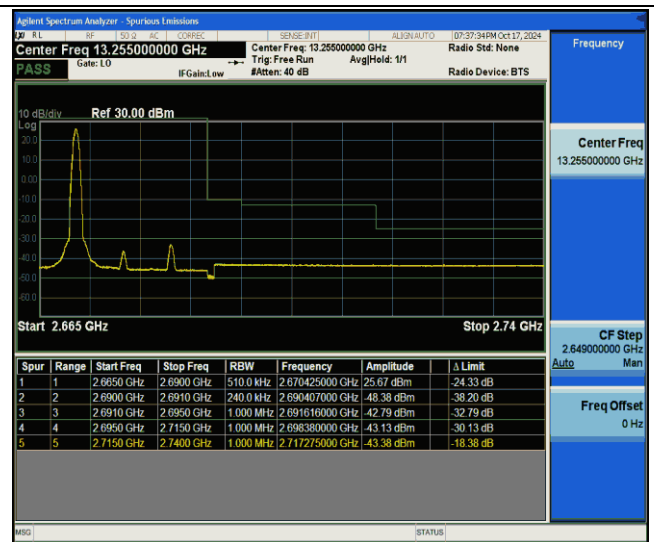
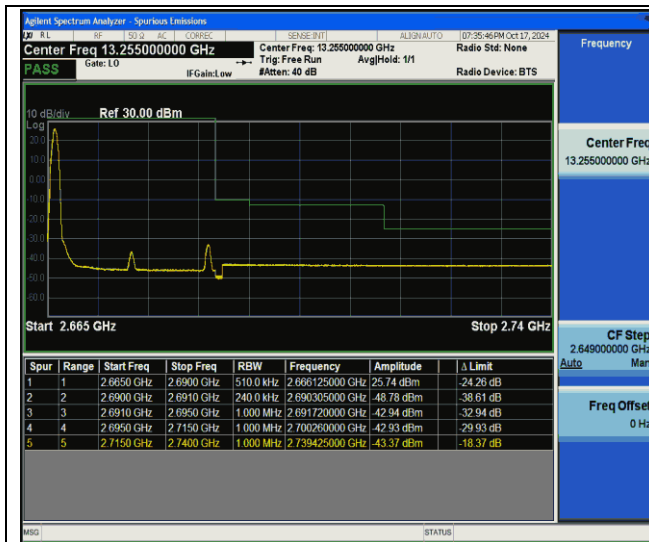
41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39683-39800-
1RB#24@25RB#0-0RB#0@100RB#0-PASS



41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39683-39800-
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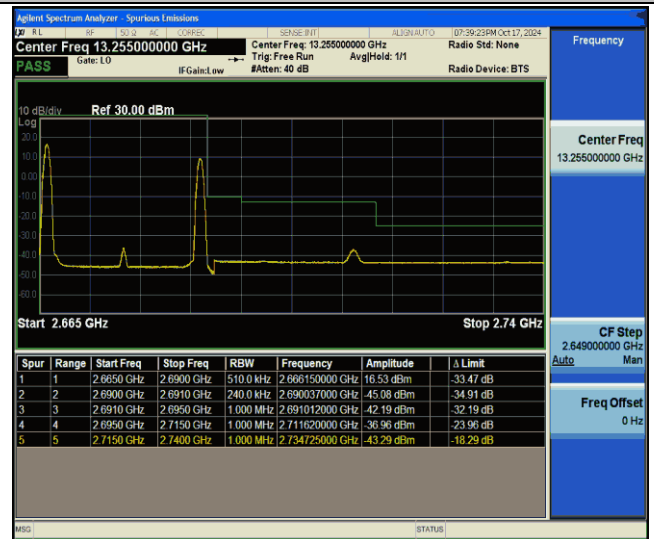


41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39683-39800-
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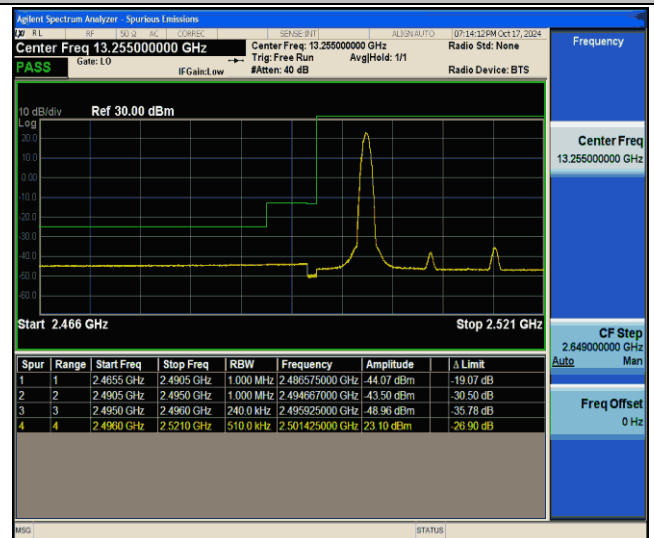
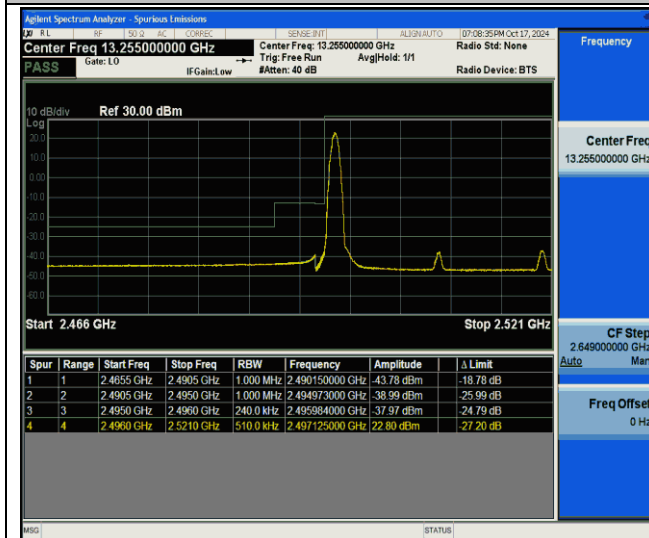
41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41373-41490-
1RB#0@25RB#0-0RB#0@100RB#0-PASS

41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41373-41490-
1RB#24@25RB#0-0RB#0@100RB#0-PASS



41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41373-41490-
25RB#0@25RB#0-100RB#0@100RB#0-PASS

41-41-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41373-41490-
1RB#0@25RB#0-1RB#99@100RB#0-PASS

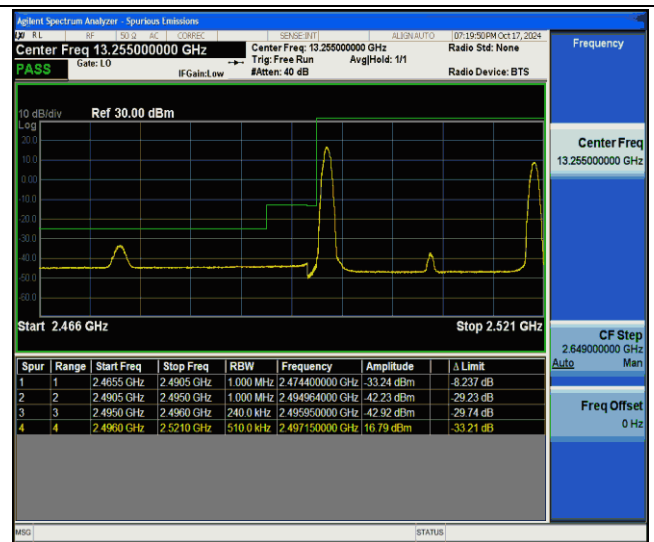


41-41-5MHz-20MHz-64QAM@64QAM-64QAM@64QAM-39683-
39800-1RB#0@25RB#0-0RB#0@100RB#0-PASS

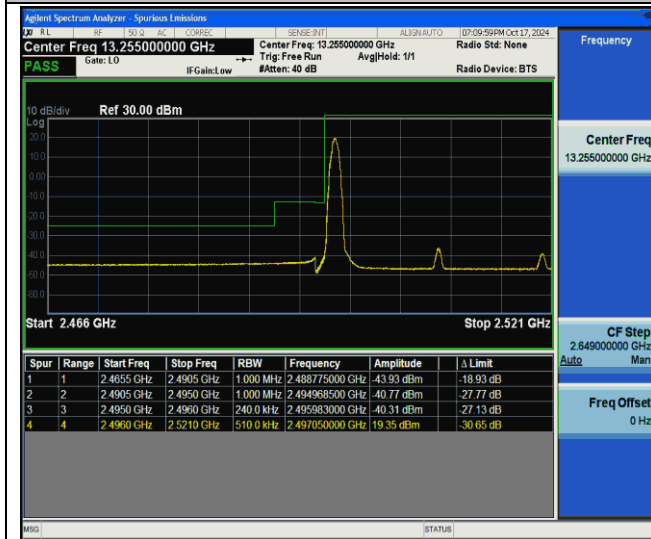
41-41-5MHz-20MHz-64QAM@64QAM-64QAM@64QAM-39683-
39800-1RB#24@25RB#0-0RB#0@100RB#0-PASS



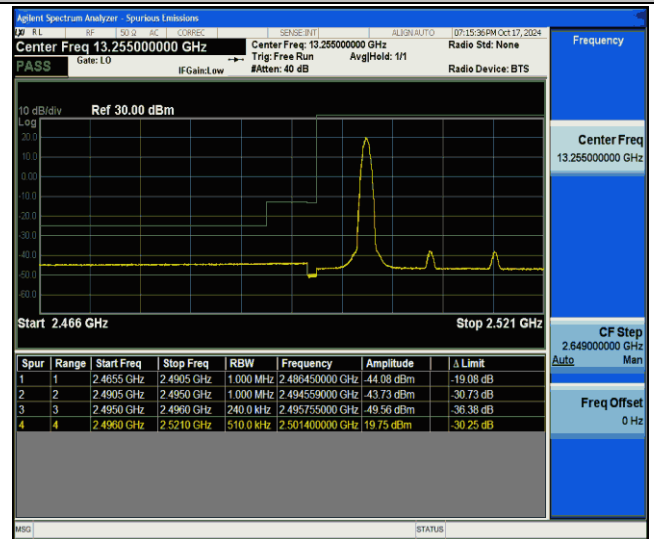
41-41-5MHz-20MHz-64QAM@64QAM-64QAM@64QAM-39683-
39800-25RB#0@25RB#0-100RB#0@100RB#0-PASS



41-41-5MHz-20MHz-64QAM@64QAM-64QAM@64QAM-39683-
39800-1RB#0@25RB#0-1RB#99@100RB#0-PASS



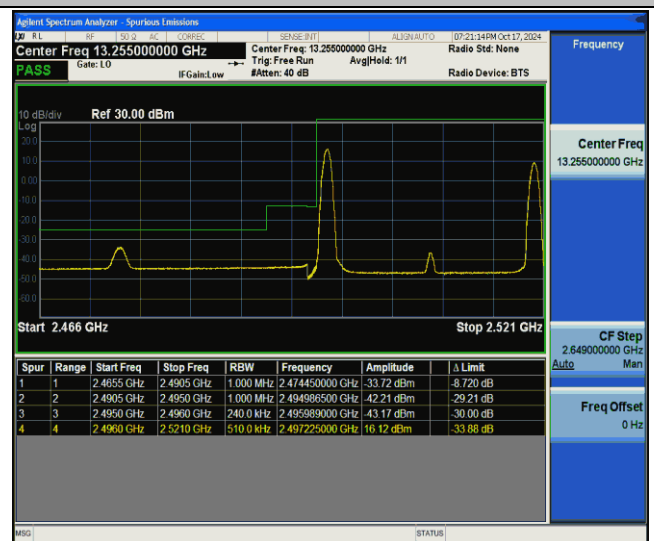
41-41-5MHz-20MHz-256QAM@256QAM-256QAM@256QAM-
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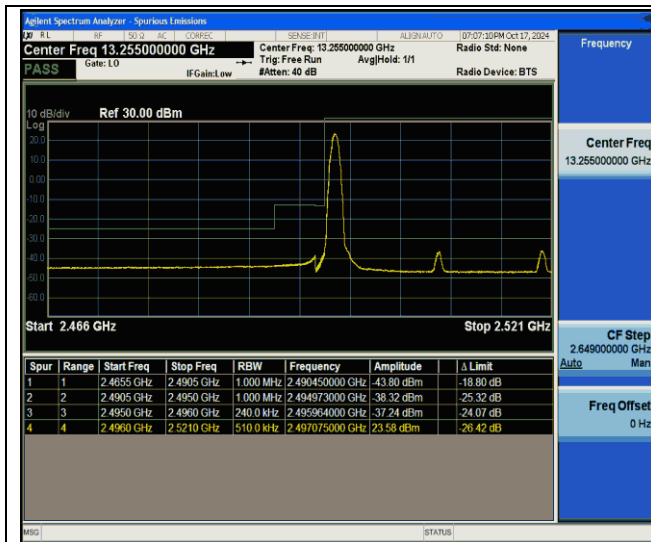
41-41-5MHz-20MHz-256QAM@256QAM-256QAM@256QAM-
39683-39800-1RB#24@25RB#0-0RB#0@100RB#0-PASS



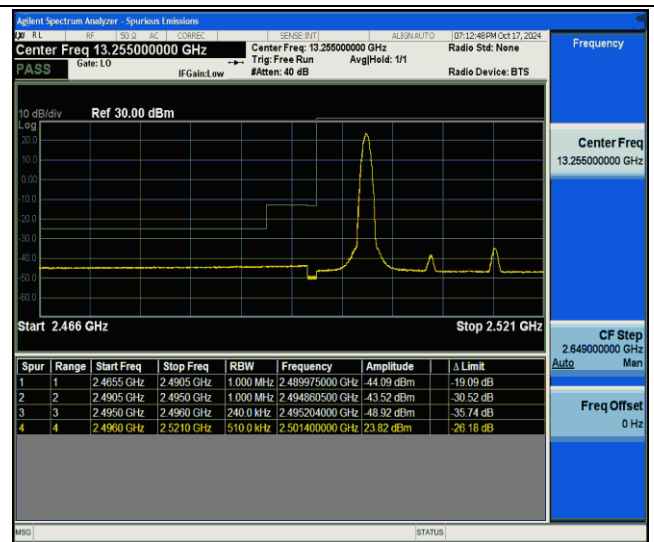
41-41-5MHz-20MHz-256QAM@256QAM-256QAM@256QAM-
39683-39800-25RB#0@25RB#0-100RB#0@100RB#0-PASS



41-41-5MHz-20MHz-256QAM@256QAM-256QAM@256QAM-
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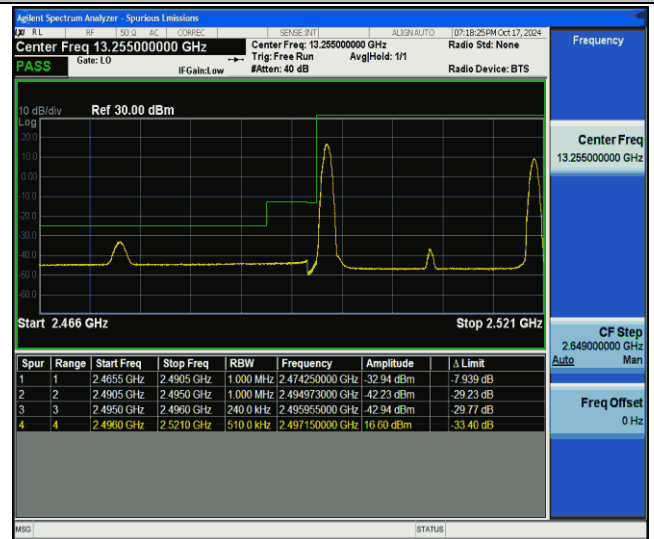
41-41-5MHz-20MHz-16QAM@16QAM-16QAM@16QAM-39683-
39800-1RB#0@25RB#0-0RB#0@100RB#0-PASS



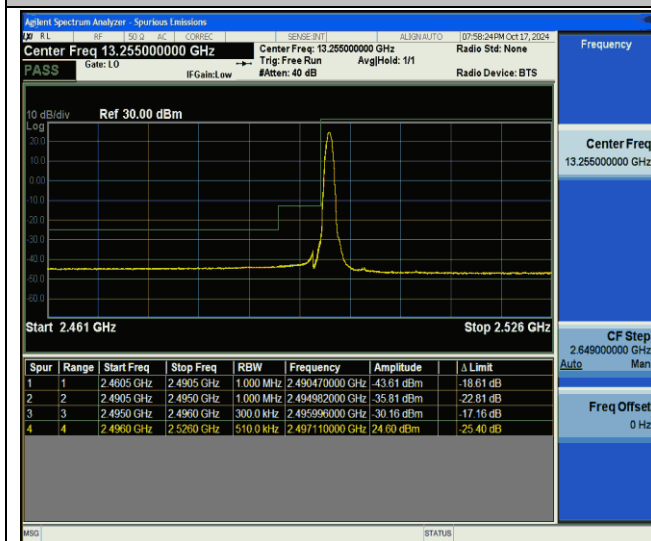
41-41-5MHz-20MHz-16QAM@16QAM-16QAM@16QAM-39683-
39800-1RB#24@25RB#0-0RB#0@100RB#0-PASS



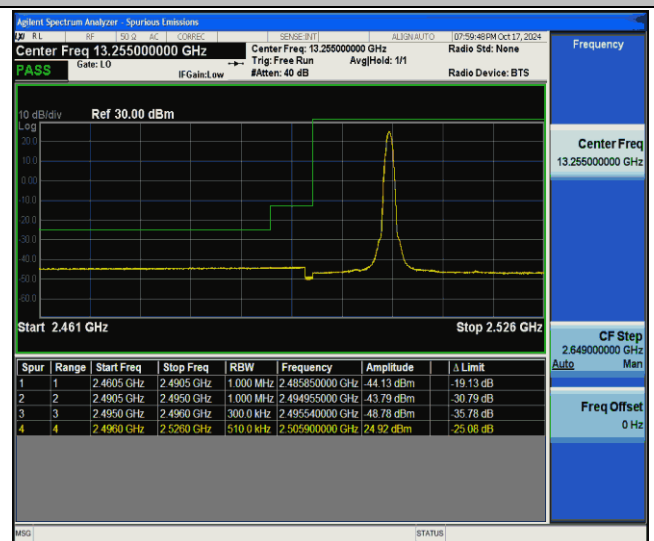
41-41-5MHz-20MHz-16QAM@16QAM-16QAM@16QAM-39683-
39800-25RB#0@25RB#0-100RB#0@100RB#0-PASS



41-41-5MHz-20MHz-16QAM@16QAM-16QAM@16QAM-39683-
39800-1RB#0@25RB#0-1RB#99@100RB#0-PASS



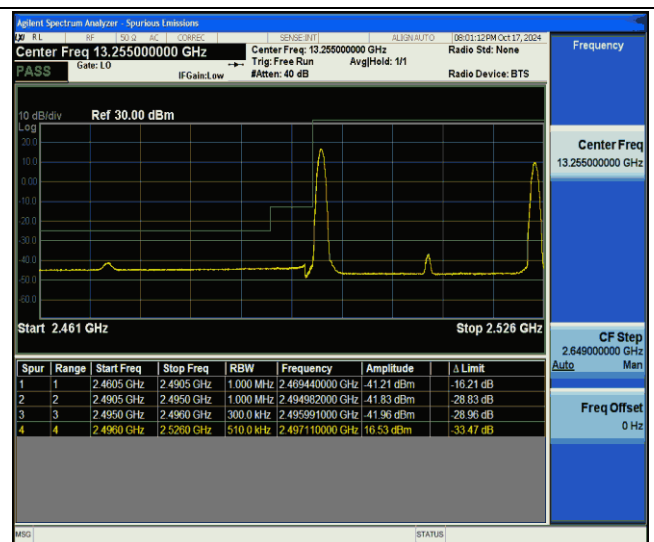
41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39705-
39849-1RB#0@50RB#0-0RB#0@100RB#0-PASS



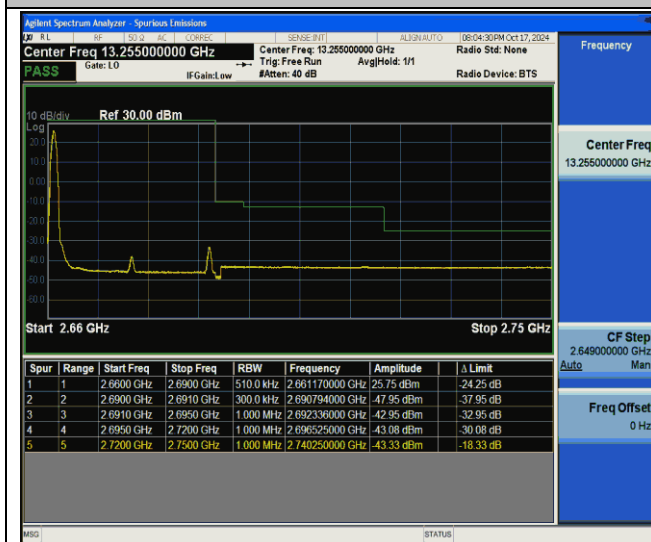
41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39705-
39849-1RB#49@50RB#0-0RB#0@100RB#0-PASS



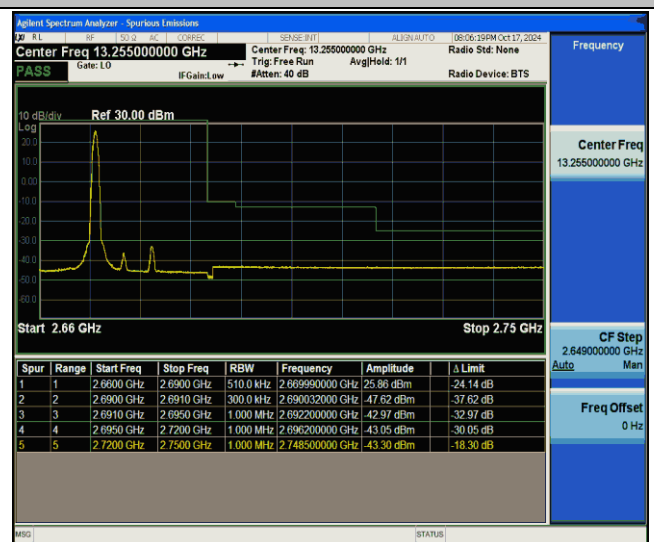
41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39705-
39849-50RB#0@50RB#0-100RB#0@100RB#0-PASS



41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39705-
39849-1RB#0@50RB#0-1RB#99@100RB#0-PASS



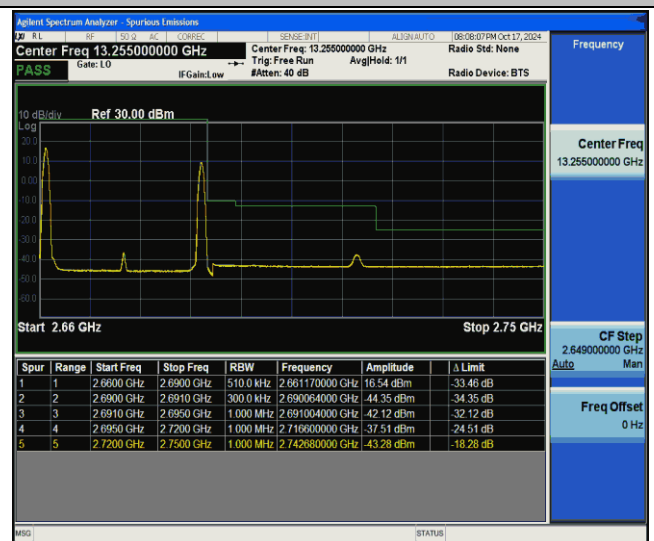
41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41346-
41490-1RB#0@50RB#0-0RB#0@100RB#0-PASS



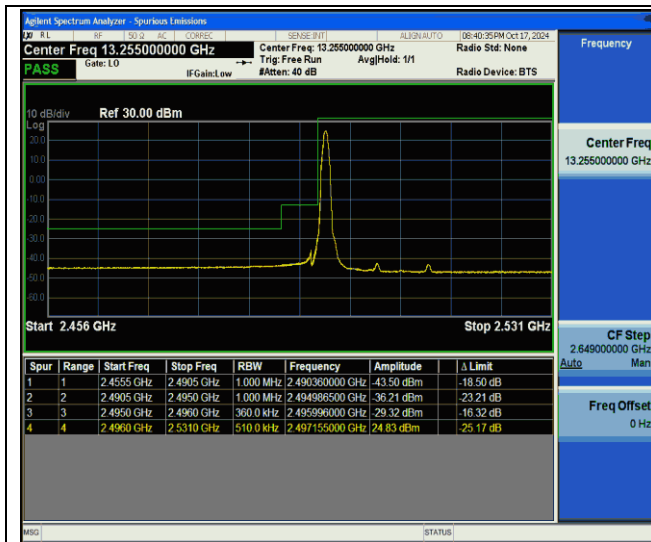
41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41346-
41490-1RB#49@50RB#0-0RB#0@100RB#0-PASS



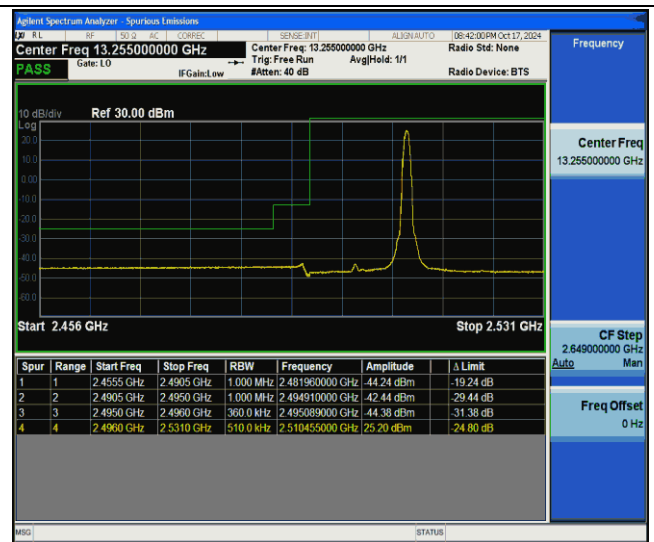
41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41346-
41490-50RB#0@50RB#0-100RB#0@100RB#0-PASS



41-41-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41346-
41490-1RB#0@50RB#0-1RB#99@100RB#0-PASS



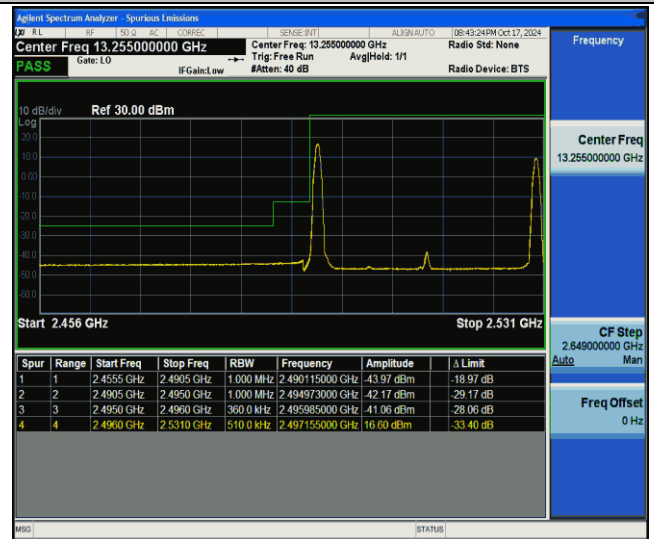
41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39728-
39899-1RB#0@75RB#0-0RB#0@100RB#0-PASS



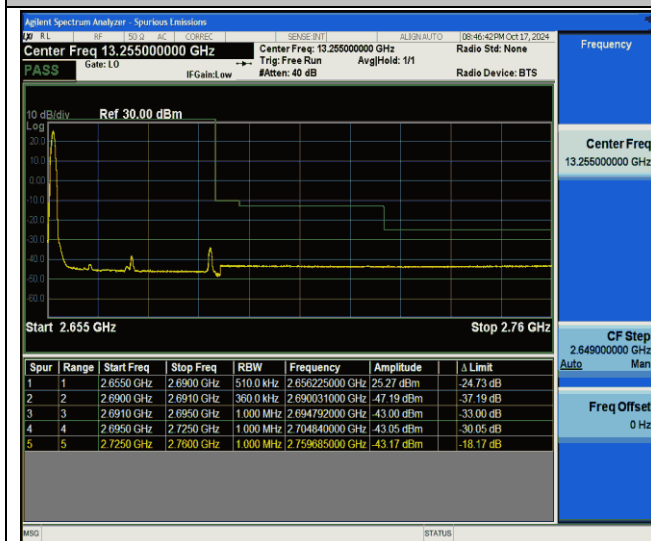
41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39728-
39899-1RB#74@75RB#0-0RB#0@100RB#0-PASS



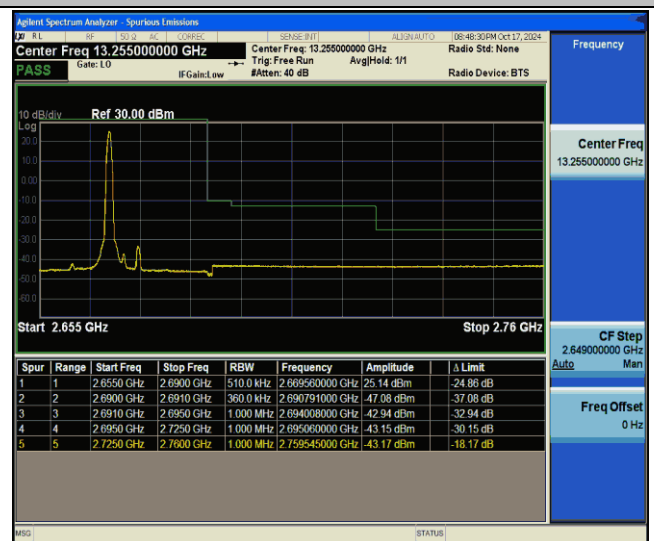
41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39728-
39899-75RB#0@75RB#0-100RB#0@100RB#0-PASS



41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39728-
39899-1RB#0@75RB#0-1RB#99@100RB#0-PASS



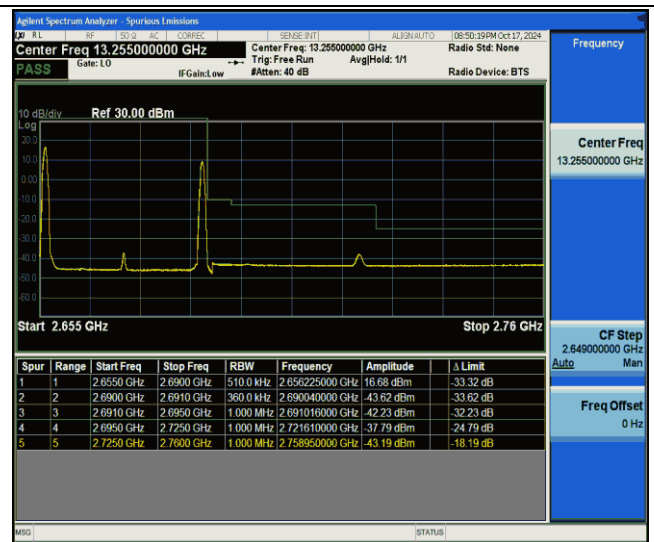
41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41319-
41490-1RB#0@75RB#0-0RB#0@100RB#0-PASS



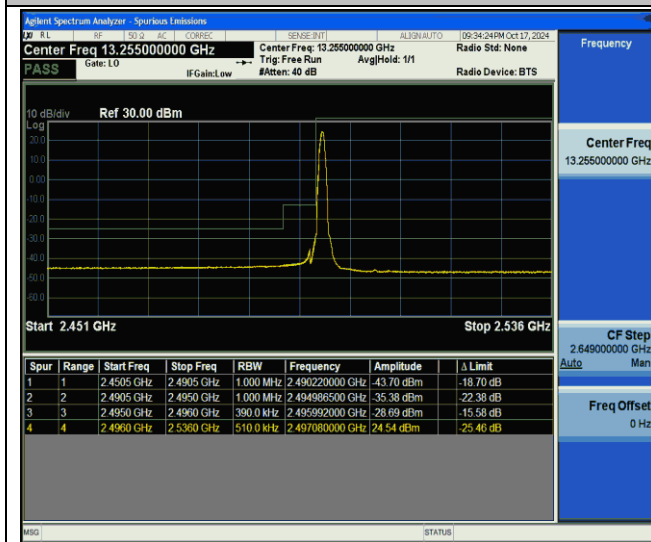
41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41319-
41490-1RB#74@75RB#0-0RB#0@100RB#0-PASS



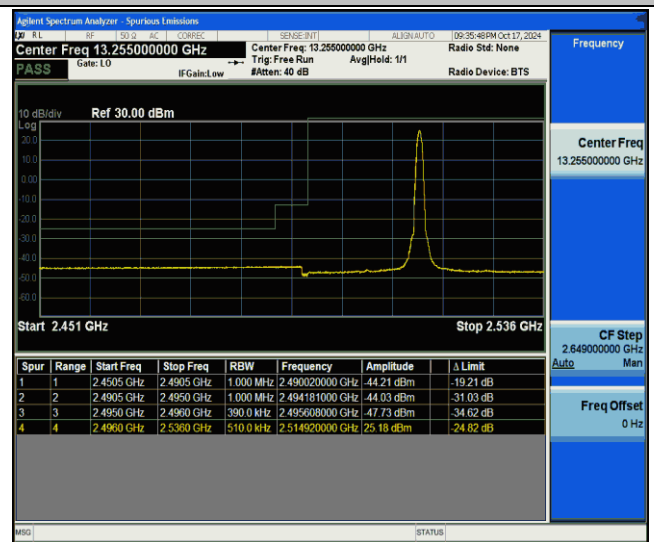
41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41319-
41490-75RB#0@75RB#0-100RB#0@100RB#0-PASS



41-41-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41319-
41490-1RB#0@75RB#0-1RB#99@100RB#0-PASS



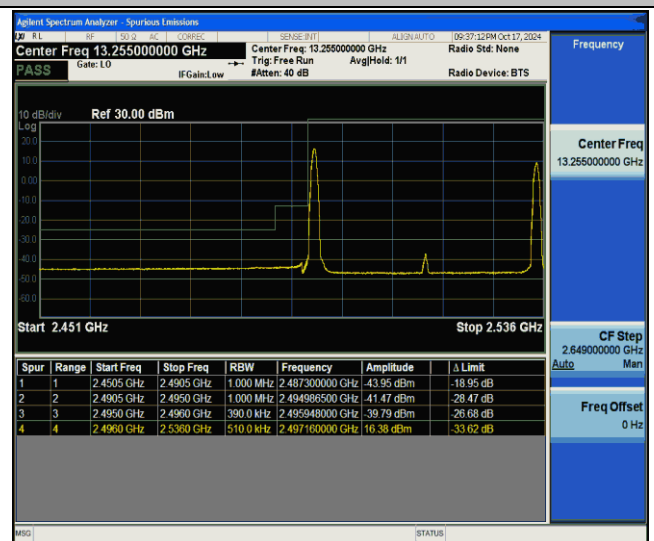
41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39750-
39948-1RB#0@100RB#0-0RB#0@100RB#0-PASS



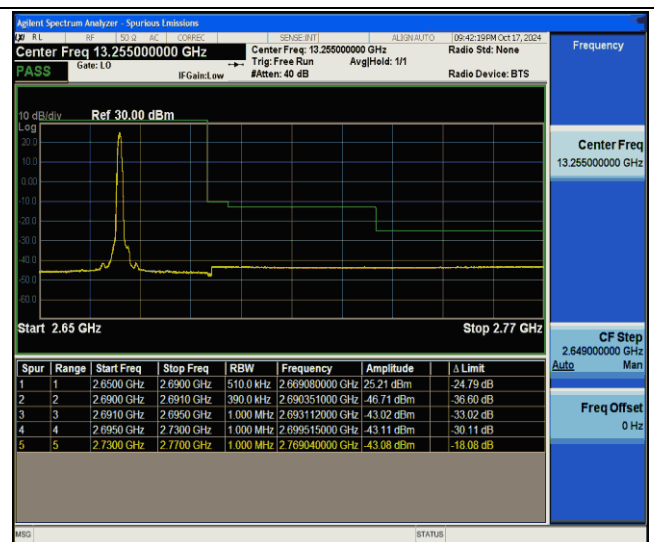
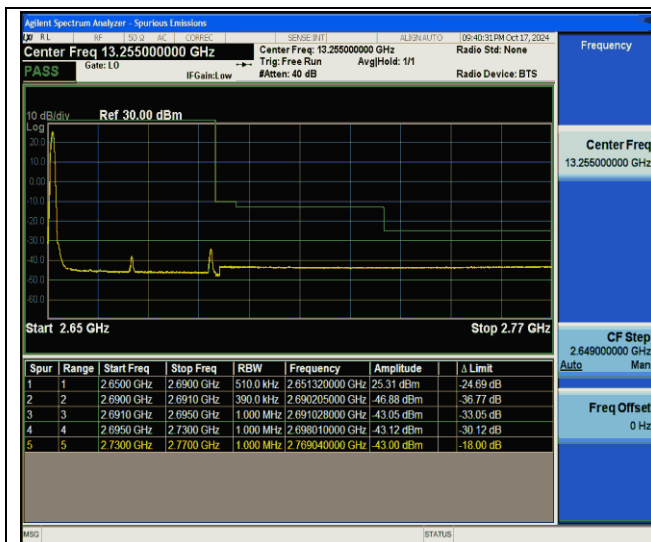
41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39750-
39948-1RB#99@100RB#0-0RB#0@100RB#0-PASS



41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39750-
39948-100RB#0@100RB#0-100RB#0@100RB#0-PASS

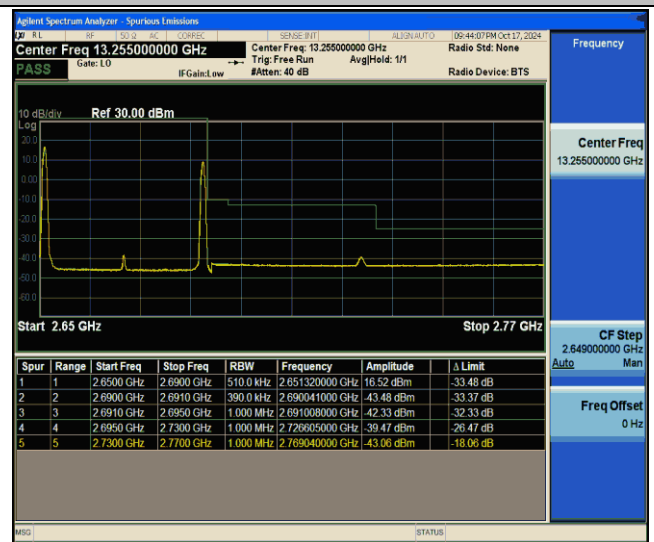


41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-39750-
39948-1RB#0@100RB#0-1RB#99@100RB#0-PASS



41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41292-
41490-1RB#0@100RB#0-0RB#0@100RB#0-PASS

41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41292-
41490-1RB#99@100RB#0-0RB#0@100RB#0-PASS

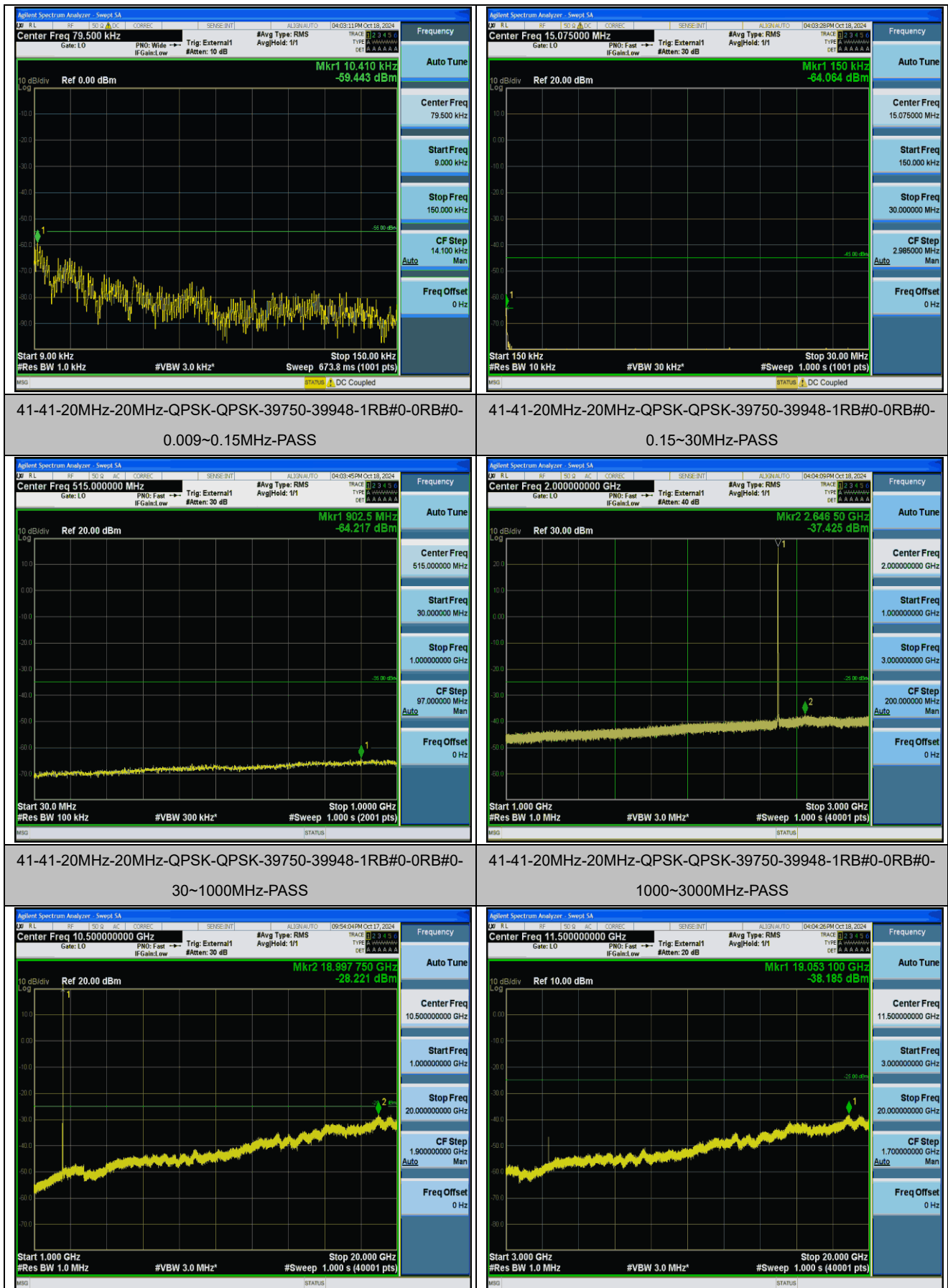


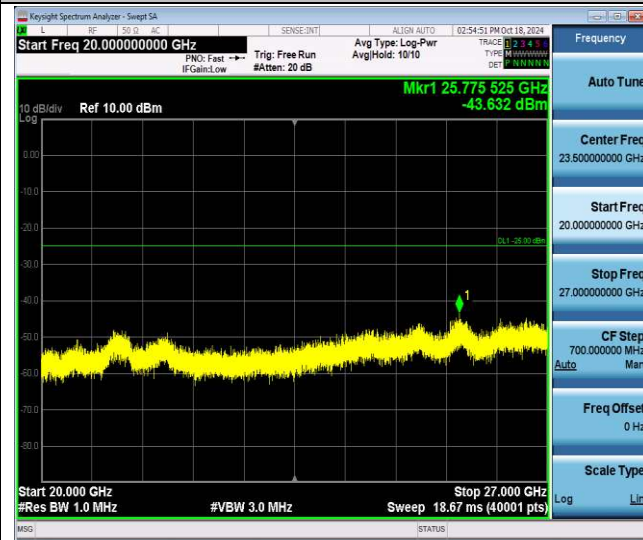
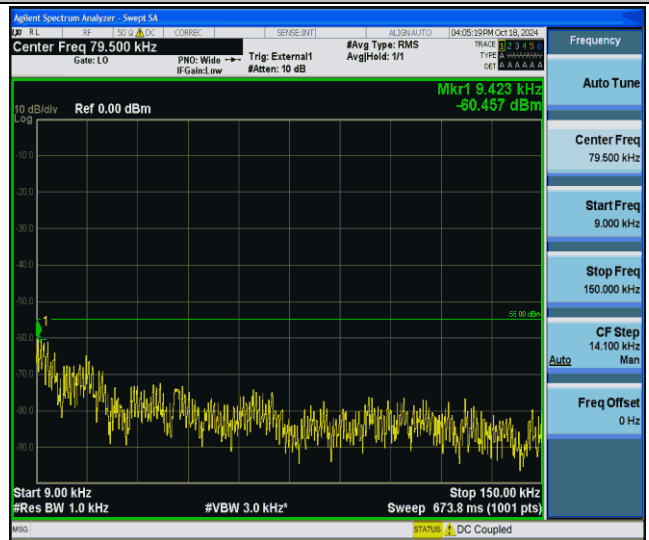
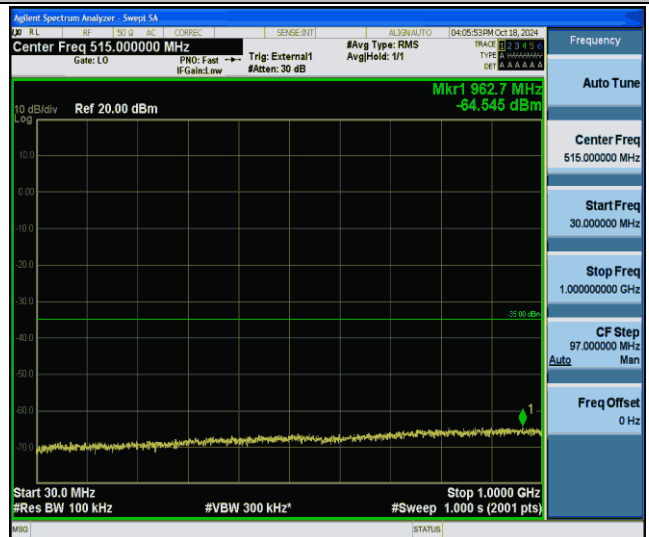
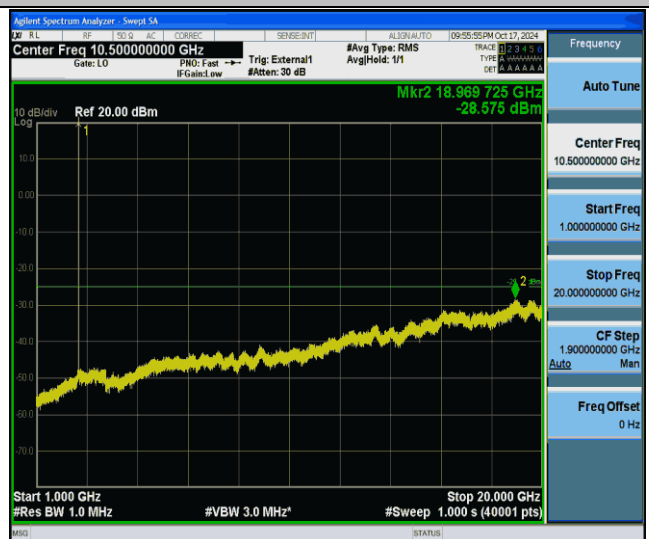
41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41292-
41490-100RB#0@100RB#0-100RB#0@100RB#0-PASS

41-41-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-41292-
41490-1RB#0@100RB#0-1RB#99@100RB#0-PASS

Conducted Spurious Emission

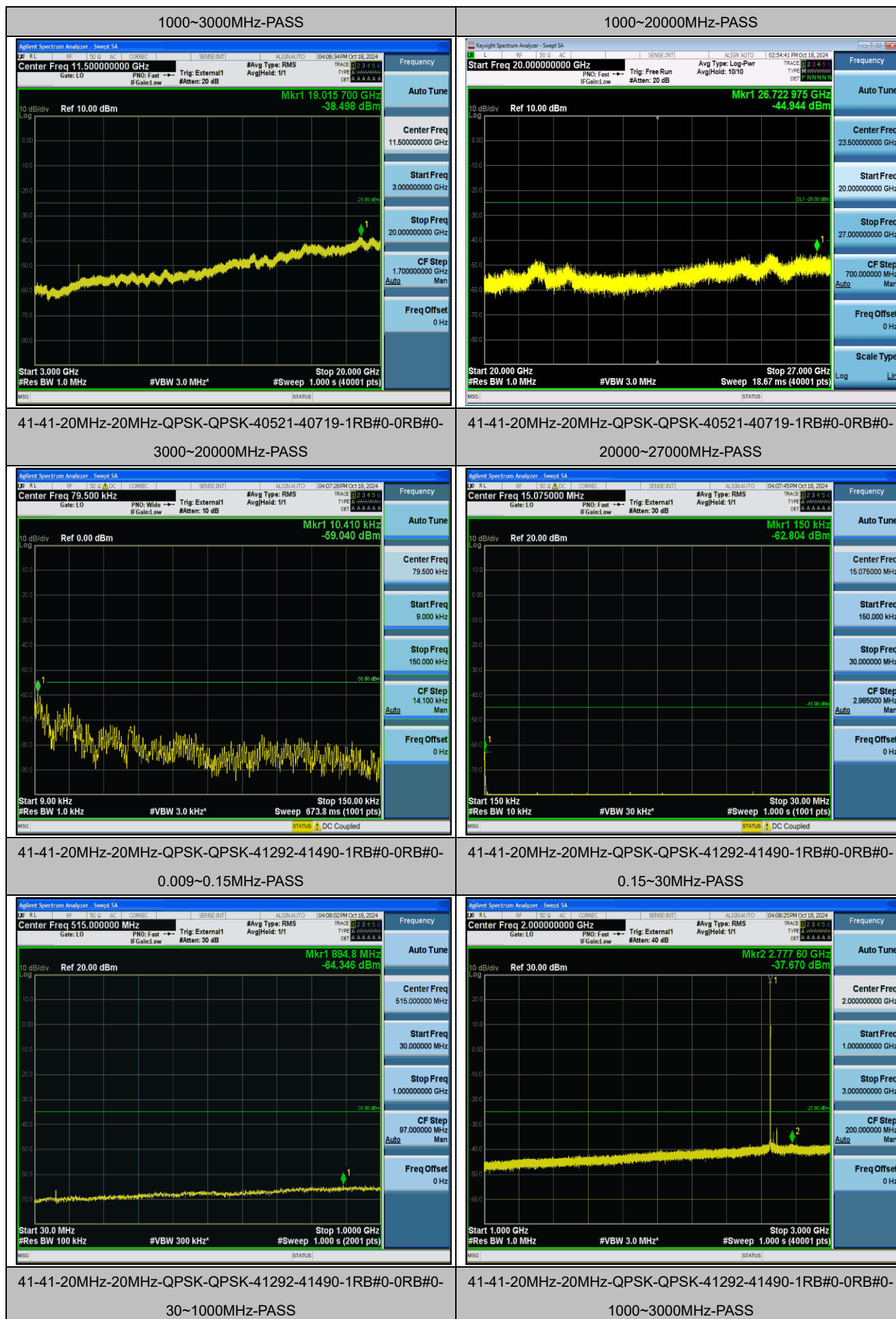
Test Graphs

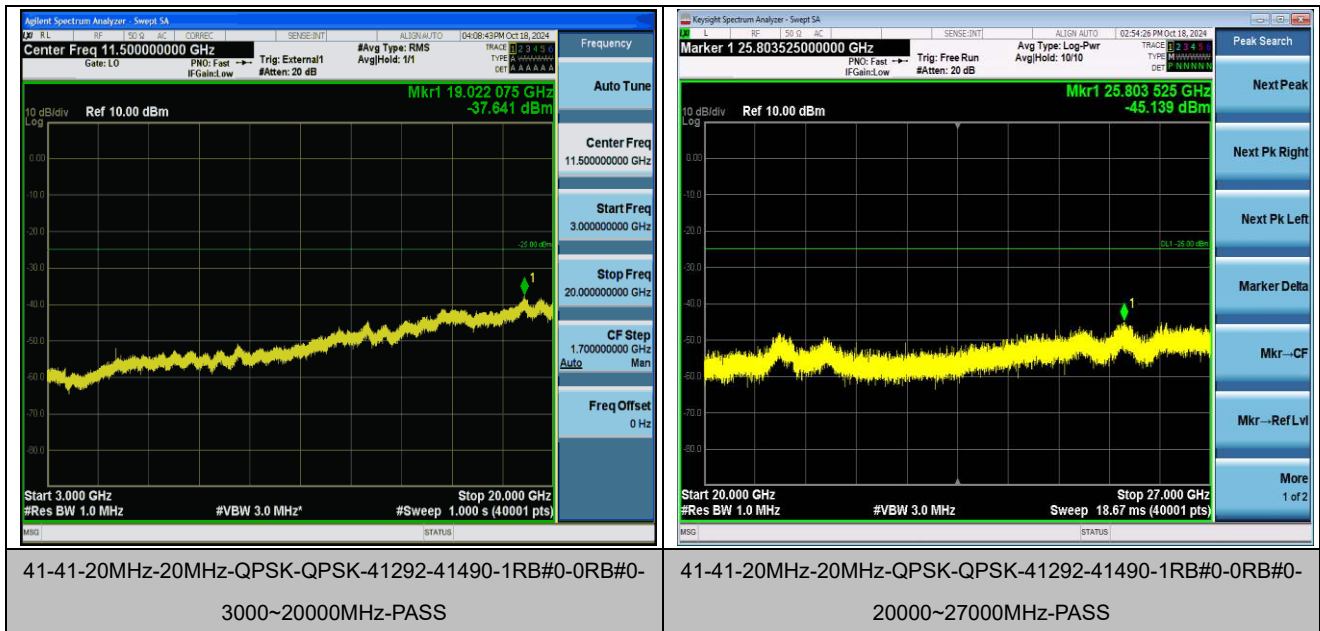


41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-
1000~20000MHz-PASS41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-
3000~20000MHz-PASS41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-
20000~27000MHz-PASS41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-
0.009~0.15MHz-PASS41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-
0.15~30MHz-PASS41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-
30~1000MHz-PASS

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-





Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	4.30	0.001208	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	-0.90	-0.000253	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	1.50	0.000421	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-30	1.80	0.000506	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	-3.30	-0.000927	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	-1.20	-0.000337	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	-1.50	-0.000421	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	-3.00	-0.000843	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	-0.40	-0.000112	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	-1.60	-0.000449	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	40	-2.50	-0.000702	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	50	-2.90	-0.000815	PASS

~The End~