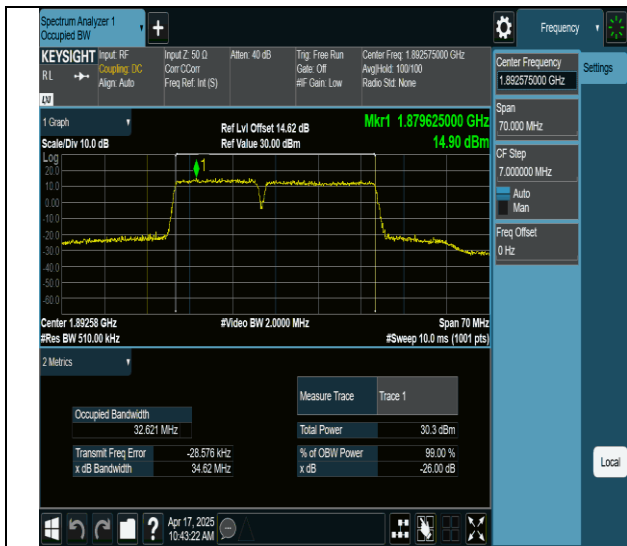
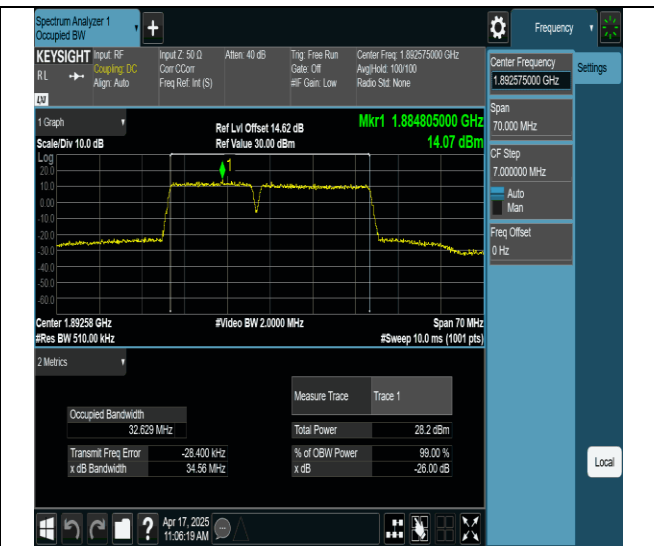
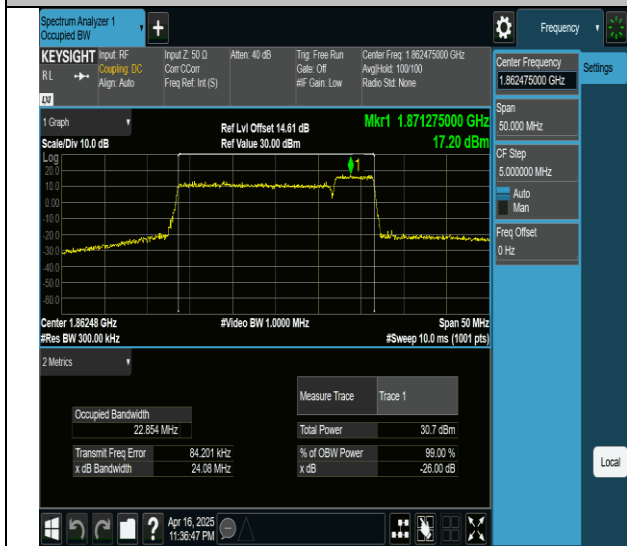




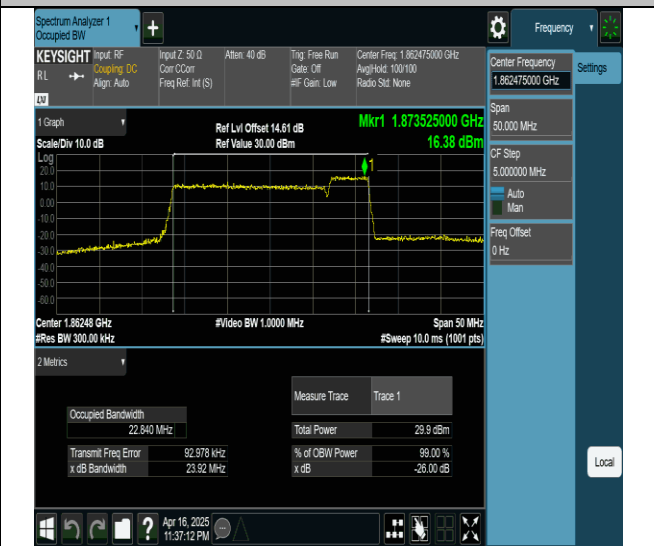
2-2-15MHz-20MHz-64QAM-64QAM-18929-19100-75RB#0-100RB#0-PASS



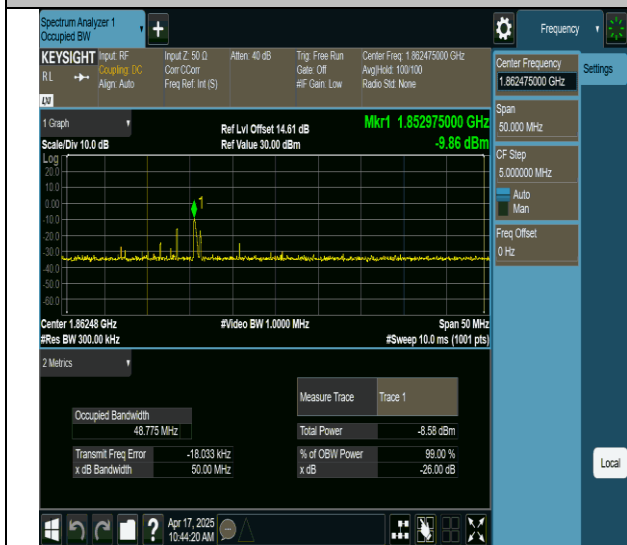
2-2-15MHz-20MHz-256QAM-256QAM-18929-19100-75RB#0-100RB#0-PASS



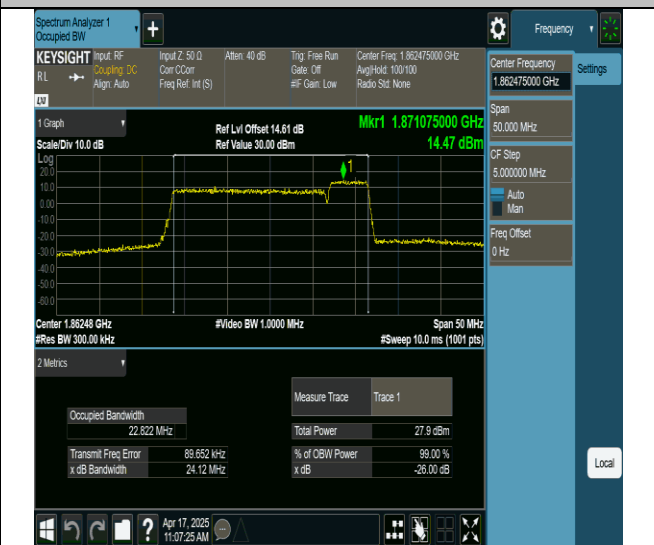
2-2-20MHz-5MHz-QPSK-QPSK-18700-18817-100RB#0-25RB#0-PASS



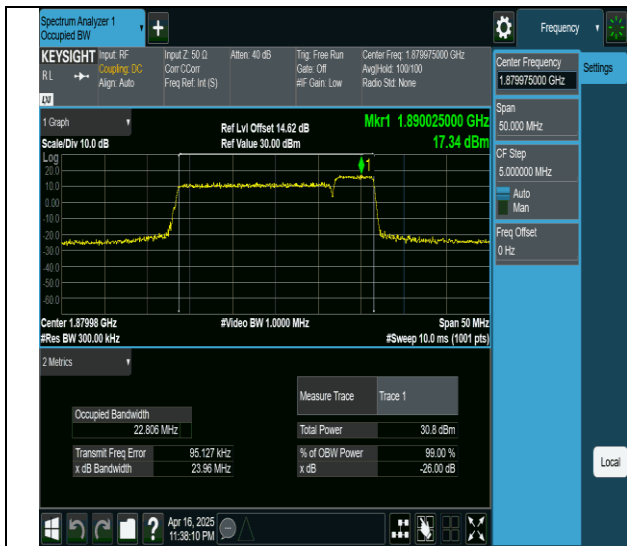
2-2-20MHz-5MHz-16QAM-16QAM-18700-18817-100RB#0-25RB#0-PASS



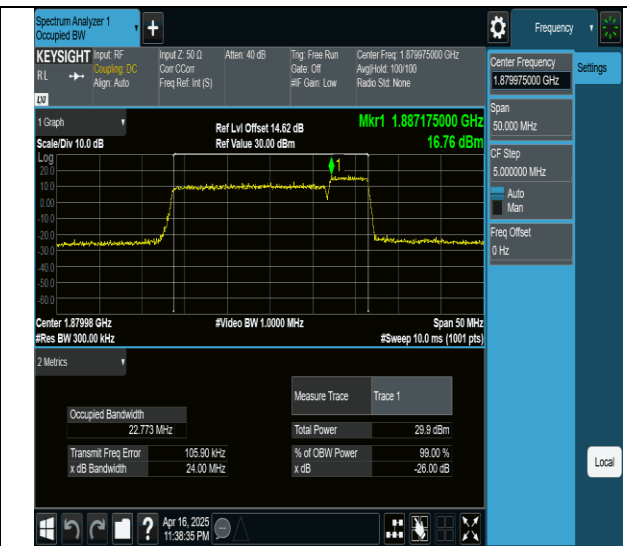
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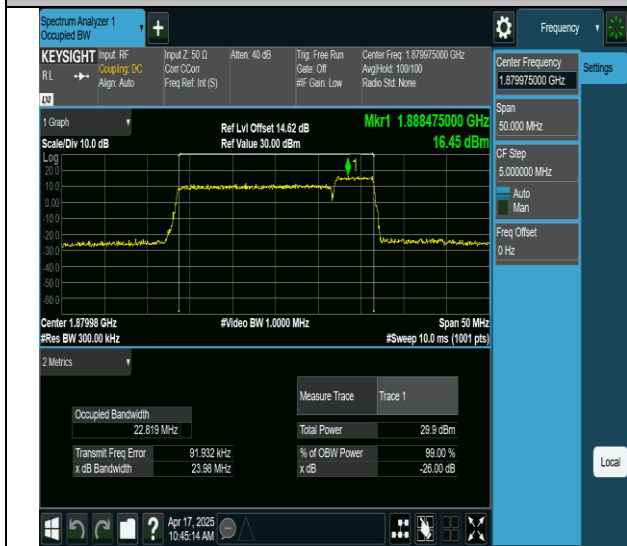
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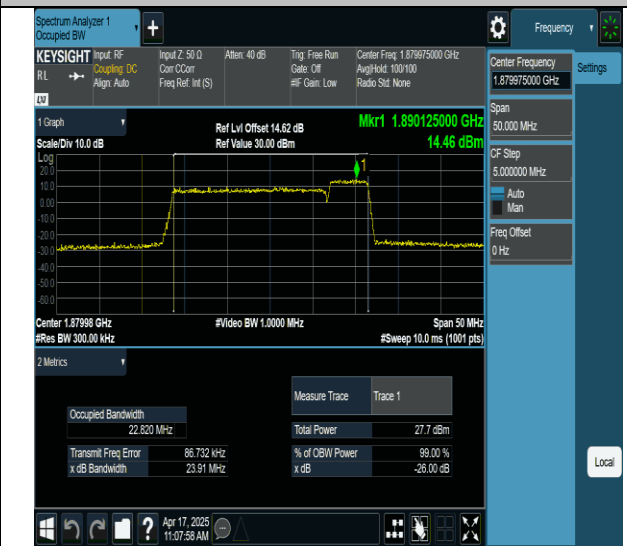
2-2-20MHz-5MHz-QPSK-QPSK-18875-18992-100RB#0-25RB#0-
PASS



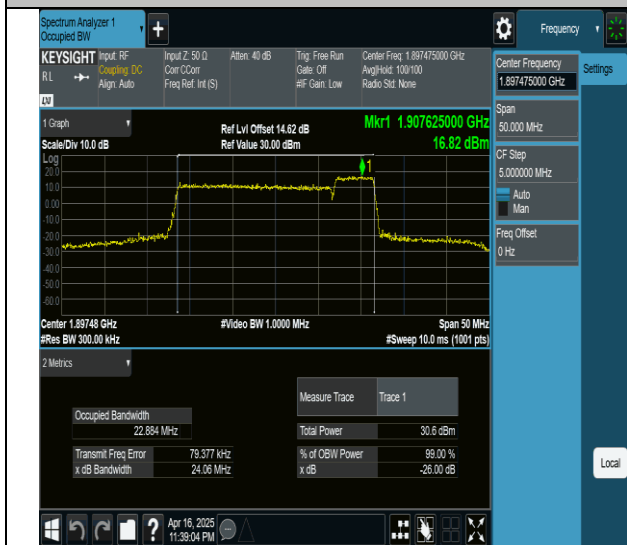
2-2-20MHz-5MHz-16QAM-16QAM-18875-18992-100RB#0-
25RB#0-PASS



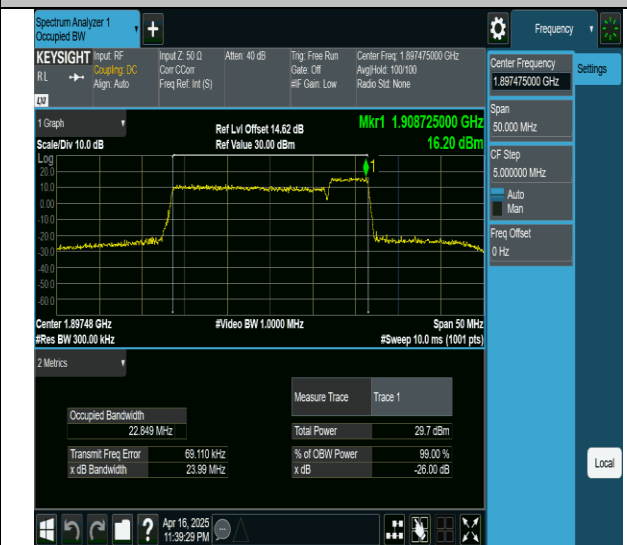
2-2-20MHz-5MHz-64QAM-64QAM-18875-18992-100RB#0-
25RB#0-PASS



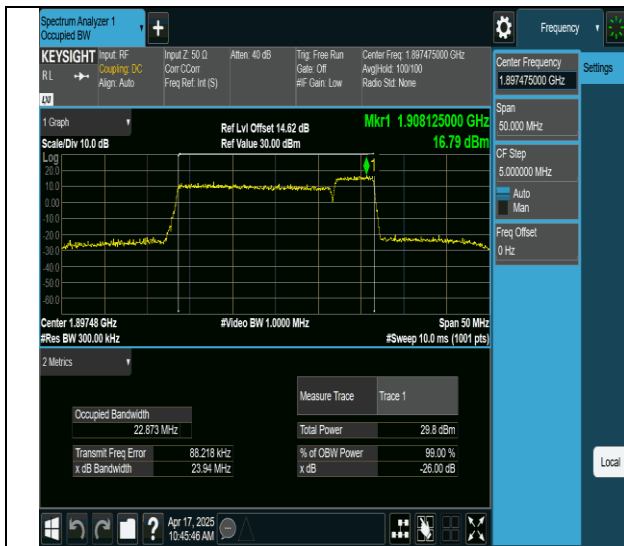
2-2-20MHz-5MHz-256QAM-256QAM-18875-18992-100RB#0-
25RB#0-PASS



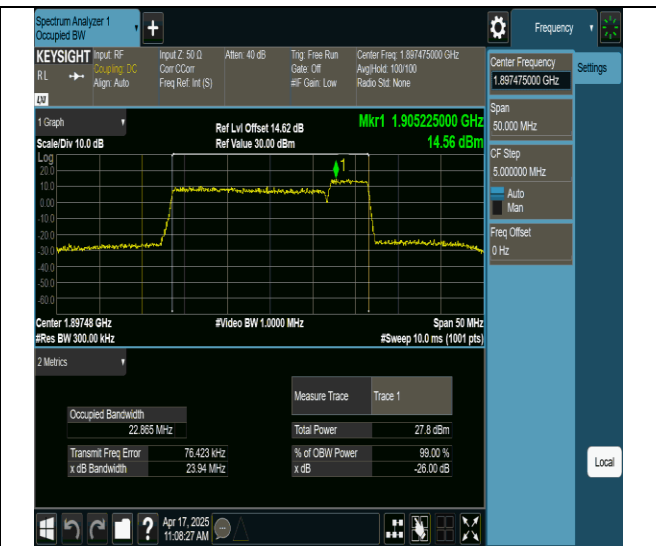
2-2-20MHz-5MHz-QPSK-QPSK-19050-19167-100RB#0-25RB#0-
PASS



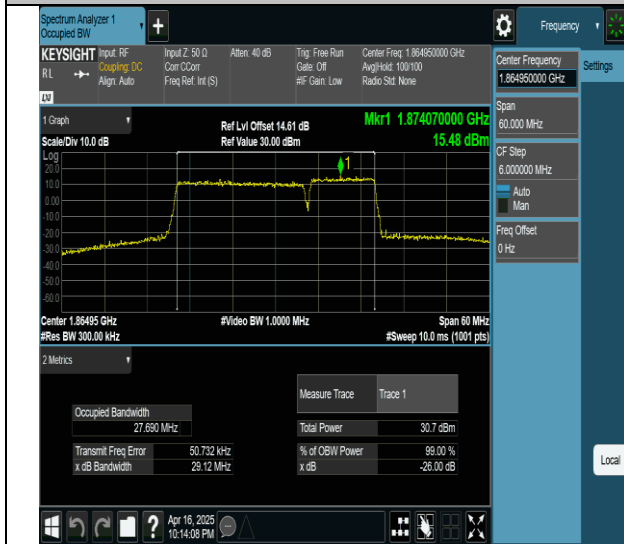
2-2-20MHz-5MHz-16QAM-16QAM-19050-19167-100RB#0-
25RB#0-PASS



2-2-20MHz-5MHz-64QAM-64QAM-19050-19167-100RB#0-
25RB#0-PASS



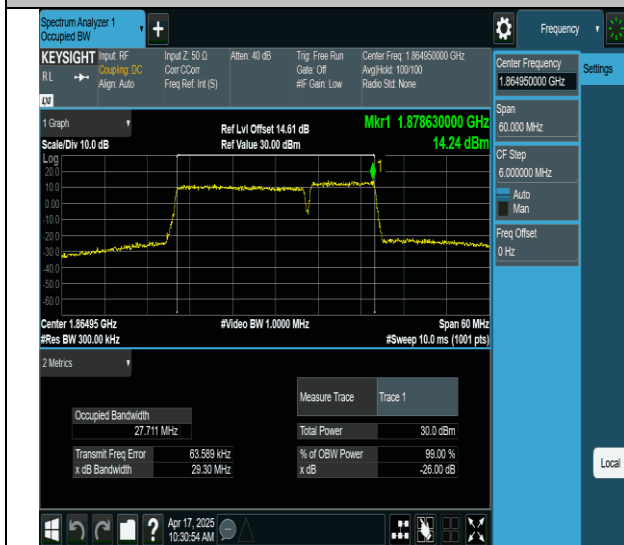
2-2-20MHz-5MHz-256QAM-256QAM-19050-19167-100RB#0-
25RB#0-PASS



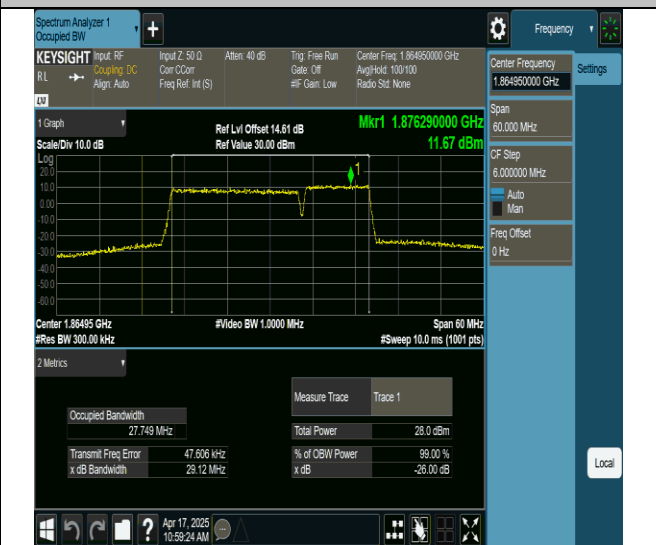
2-2-20MHz-10MHz-QPSK-QPSK-18700-18844-100RB#0-
50RB#0-PASS



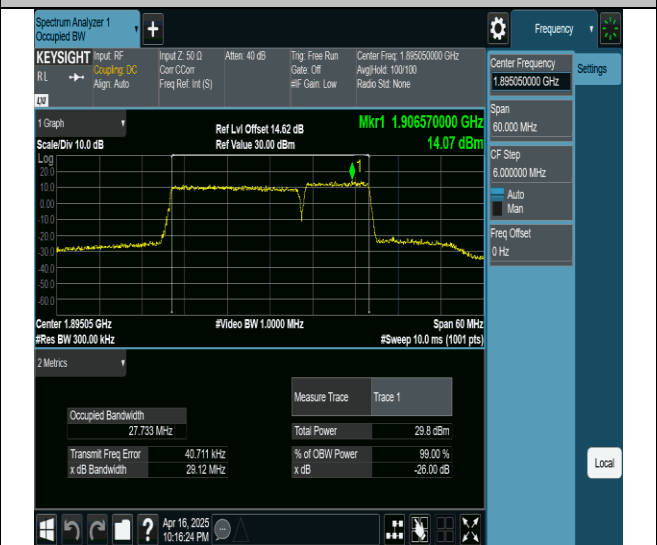
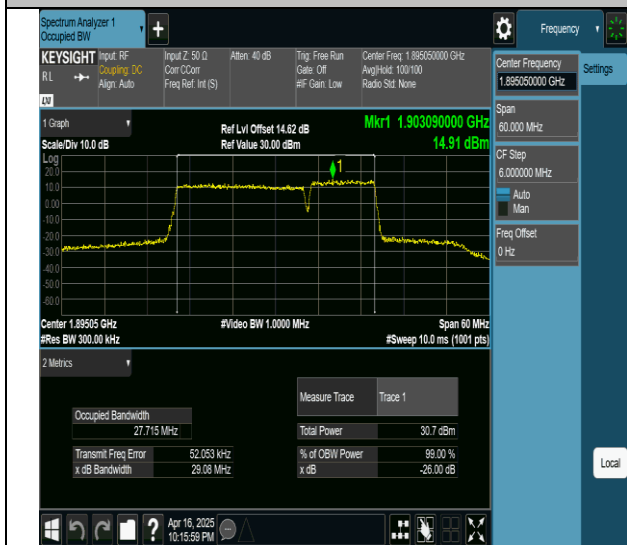
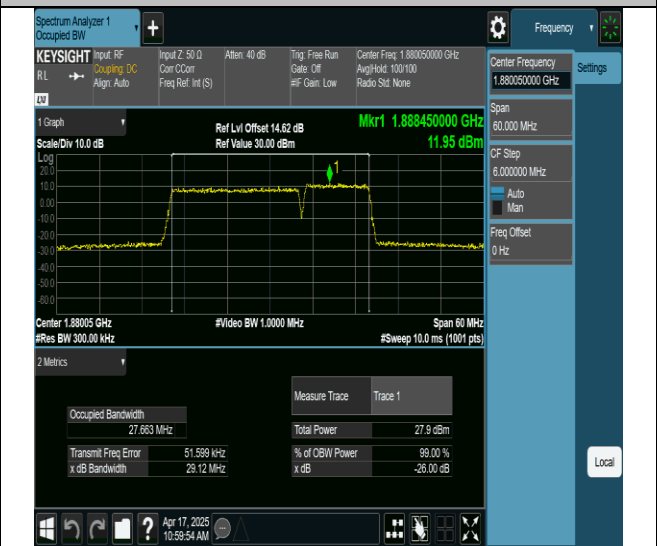
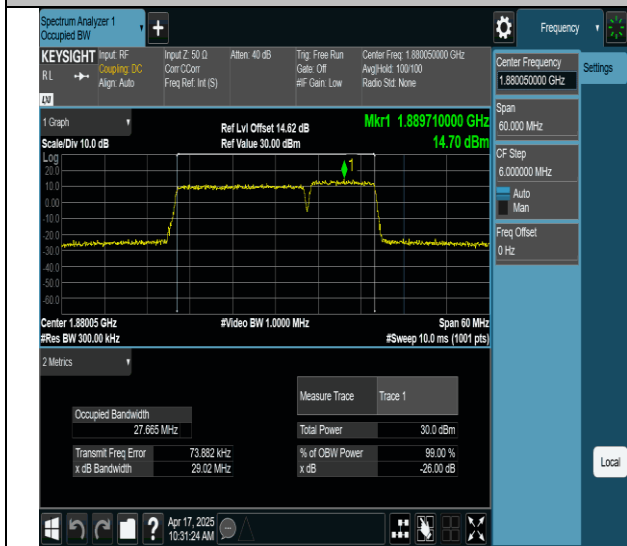
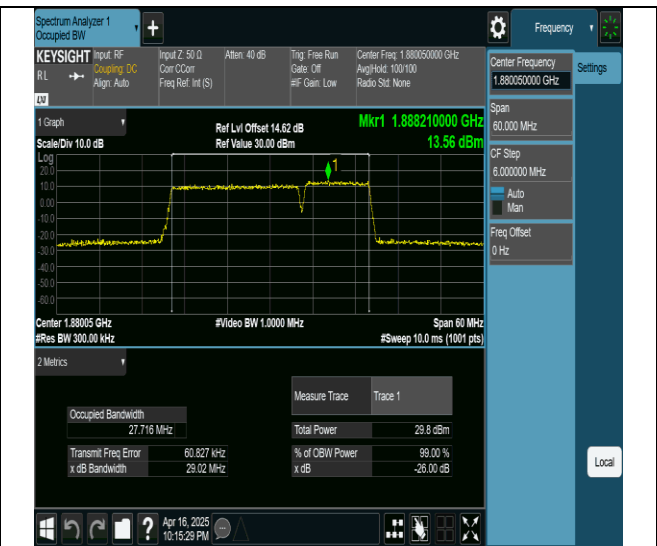
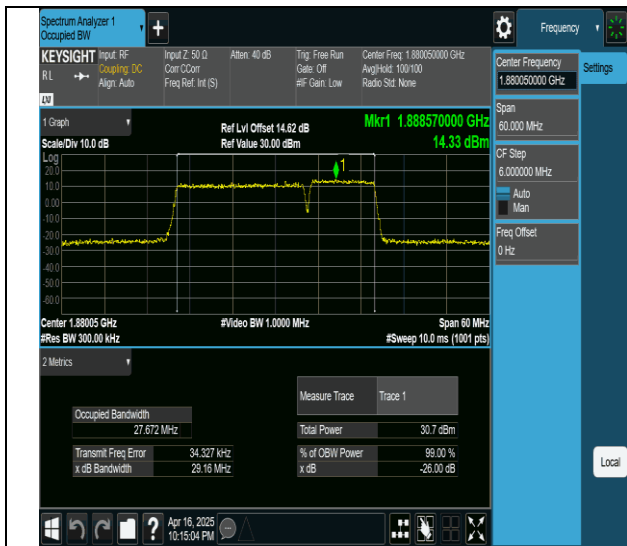
2-2-20MHz-10MHz-16QAM-16QAM-18700-18844-100RB#0-
50RB#0-PASS

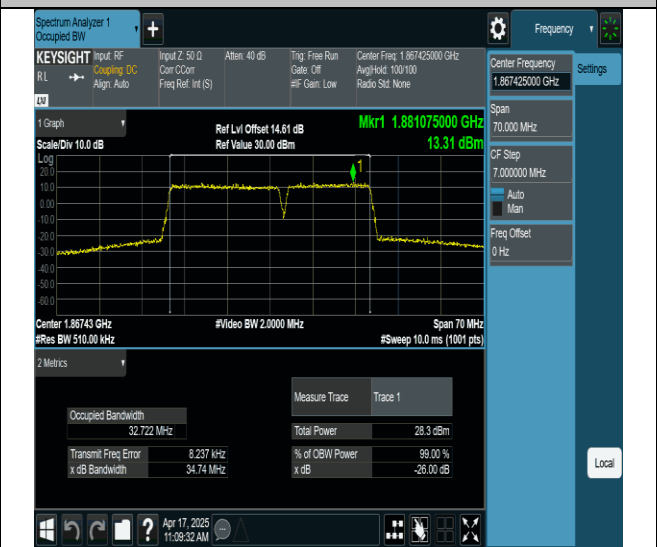
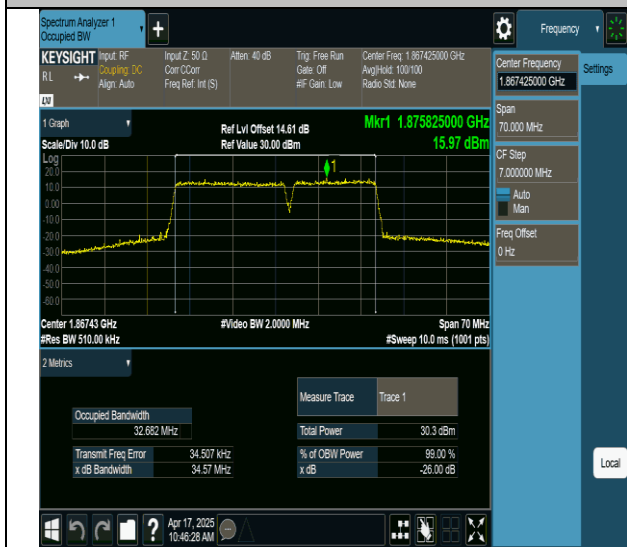
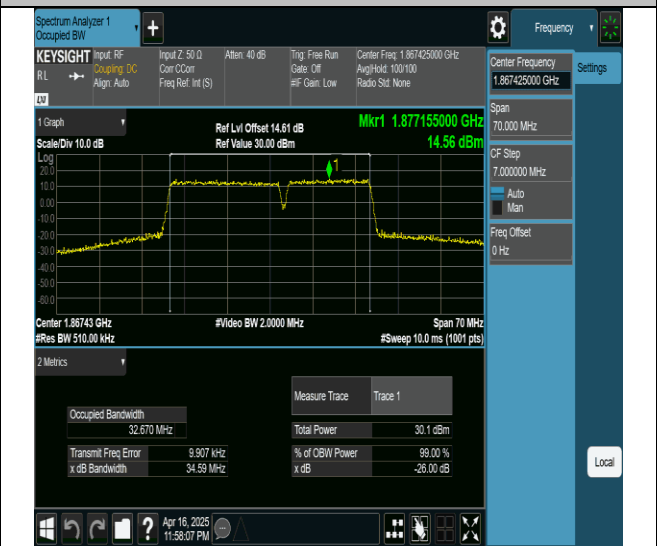
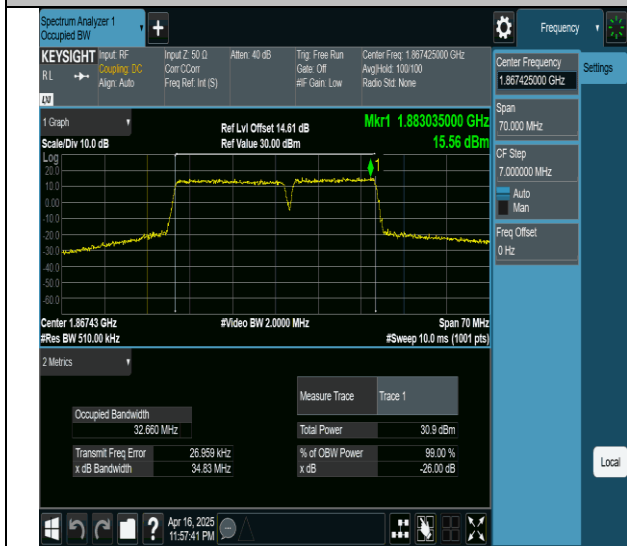
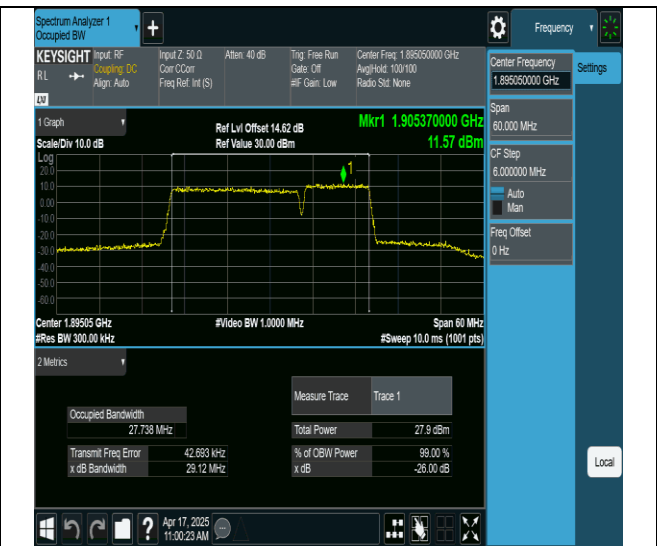
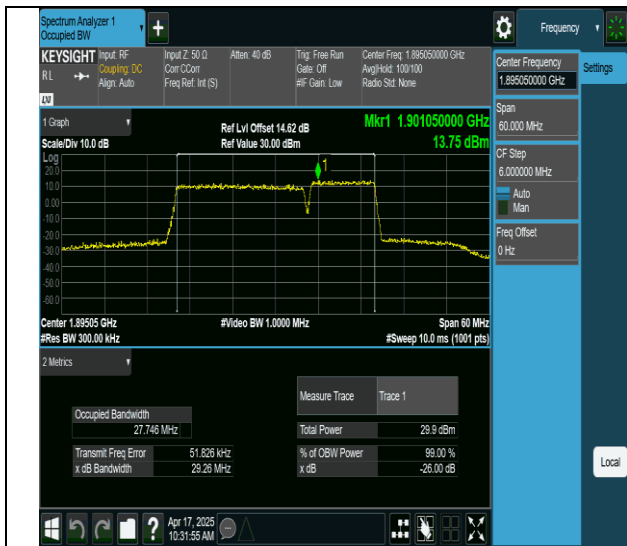


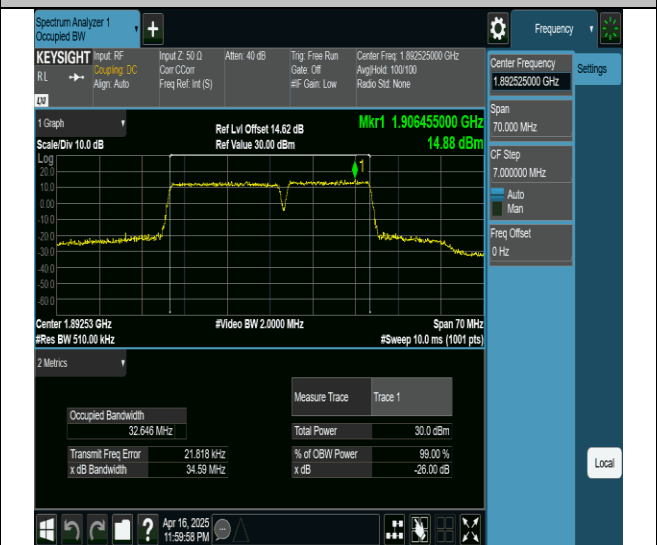
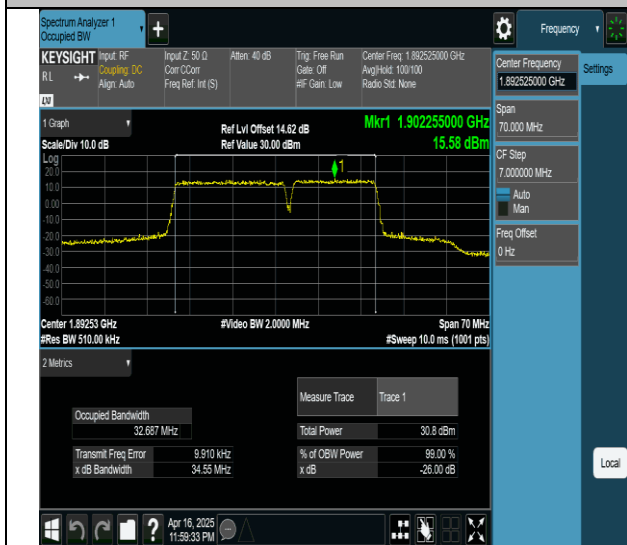
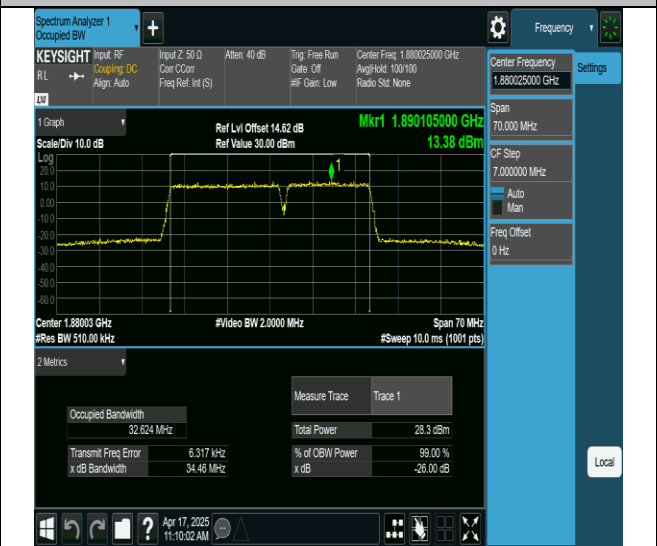
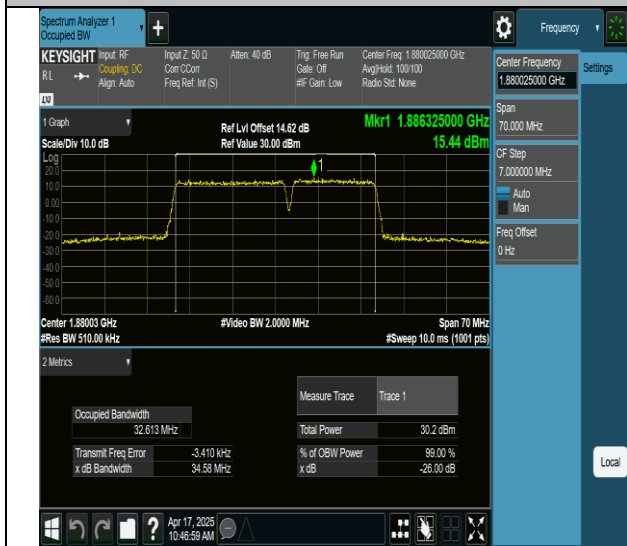
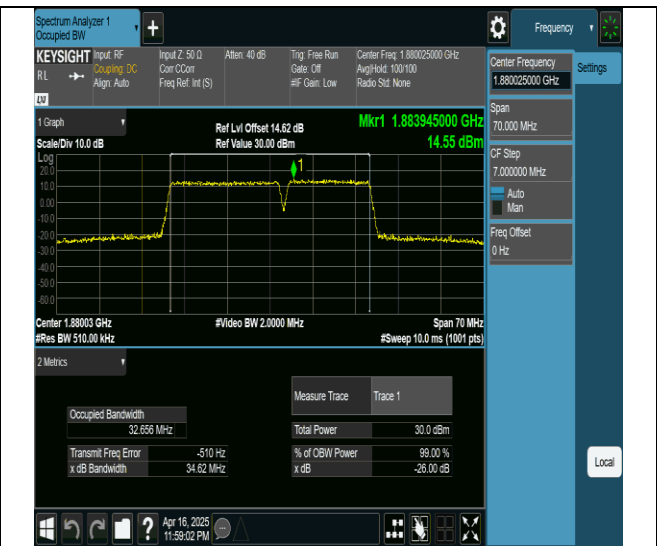
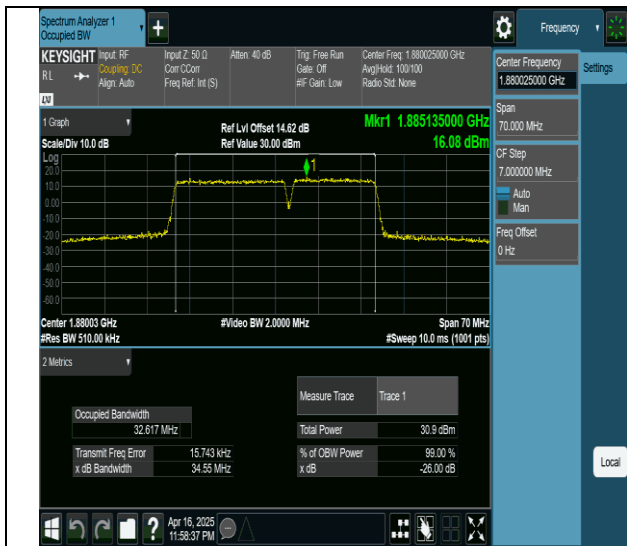
2-2-20MHz-10MHz-64QAM-64QAM-18700-18844-100RB#0-
50RB#0-PASS

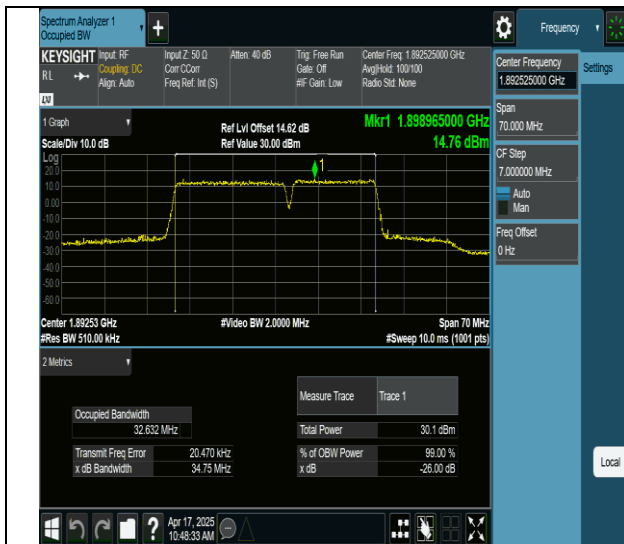


2-2-20MHz-10MHz-256QAM-256QAM-18700-18844-100RB#0-
50RB#0-PASS

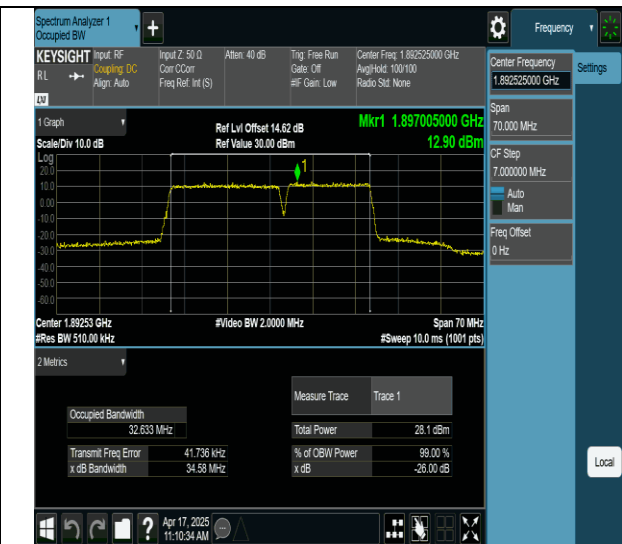




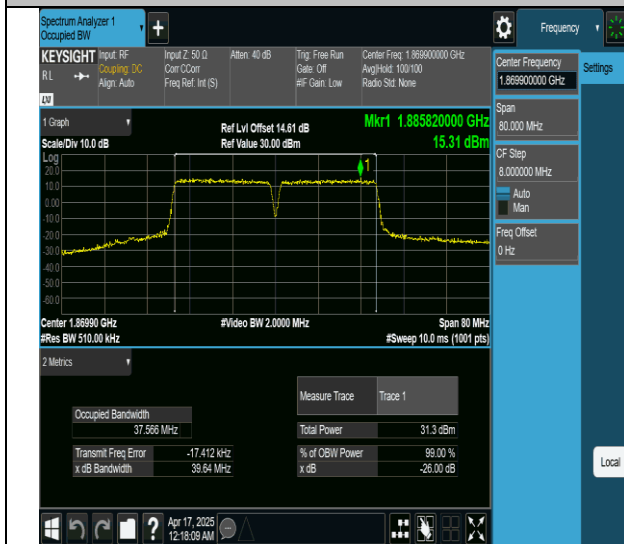




2-2-20MHz-15MHz-64QAM-64QAM-18951-19122-100RB#0-75RB#0-PASS



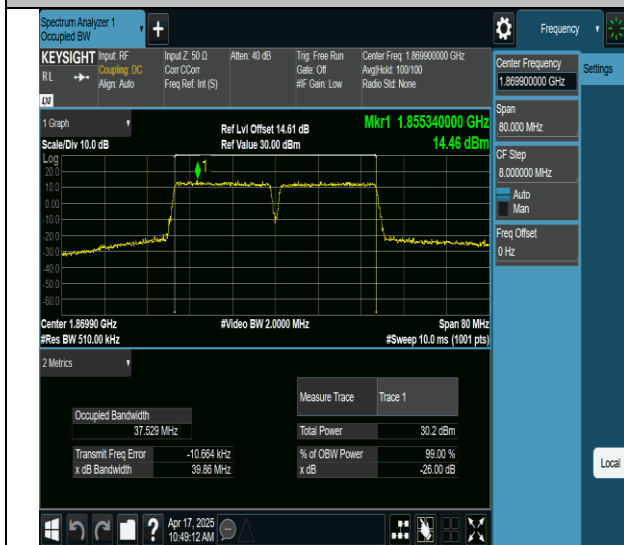
2-2-20MHz-15MHz-256QAM-256QAM-18951-19122-100RB#0-75RB#0-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-100RB#0-100RB#0-PASS



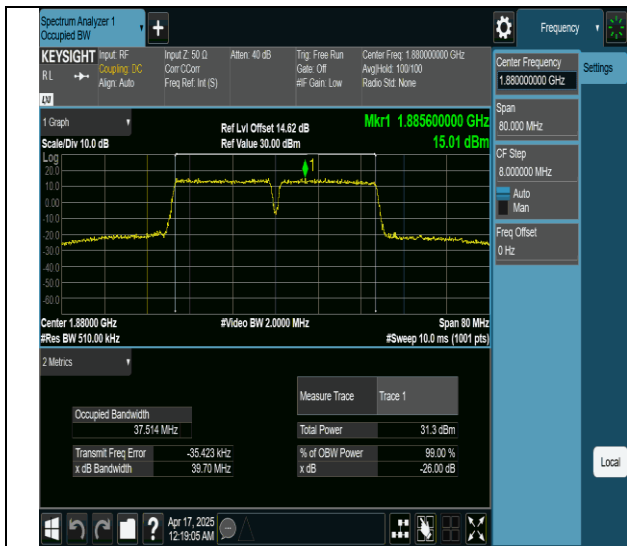
2-2-20MHz-20MHz-16QAM-16QAM-18700-18898-100RB#0-100RB#0-PASS



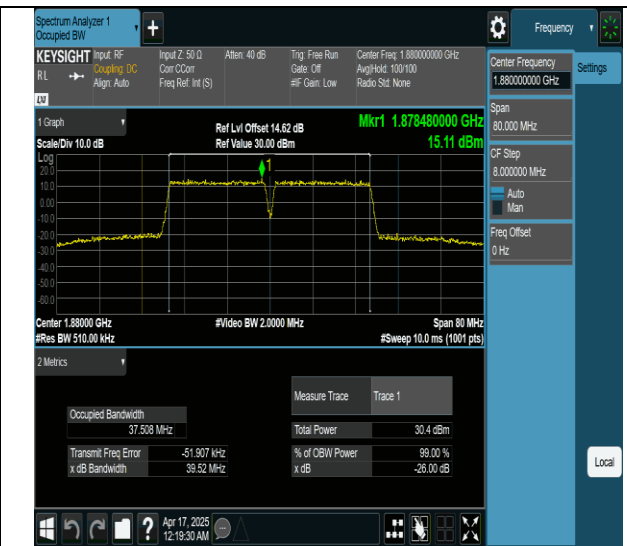
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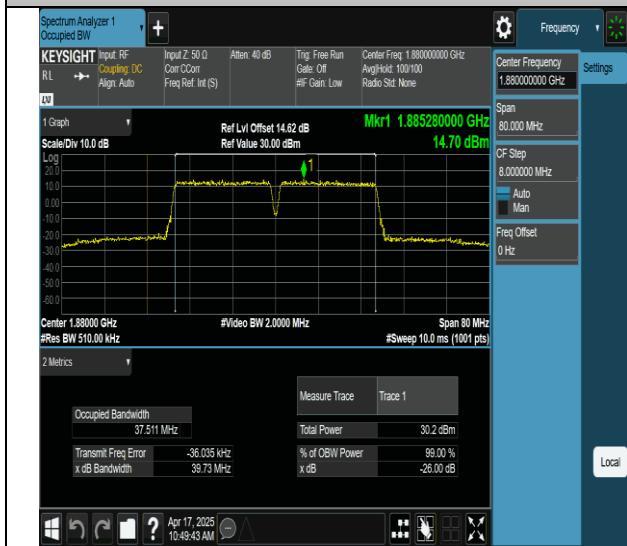
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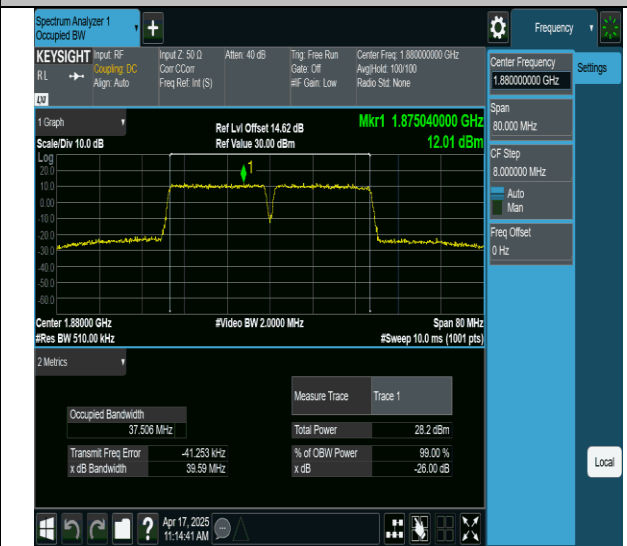
2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-100RB#0-100RB#0-PASS



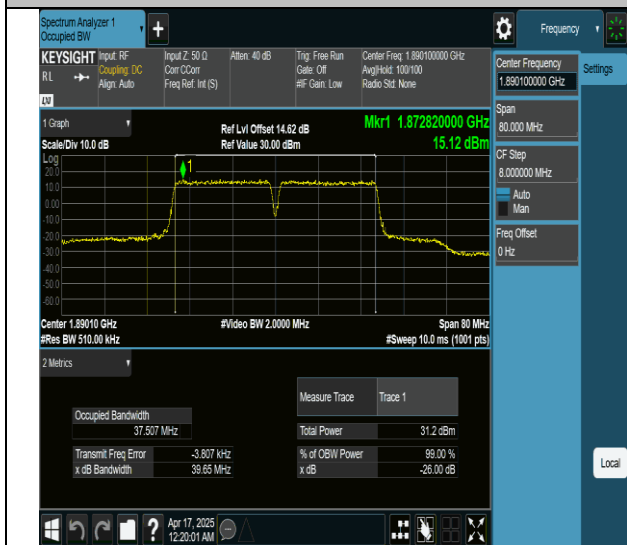
2-2-20MHz-20MHz-16QAM-16QAM-18801-18999-100RB#0-100RB#0-PASS



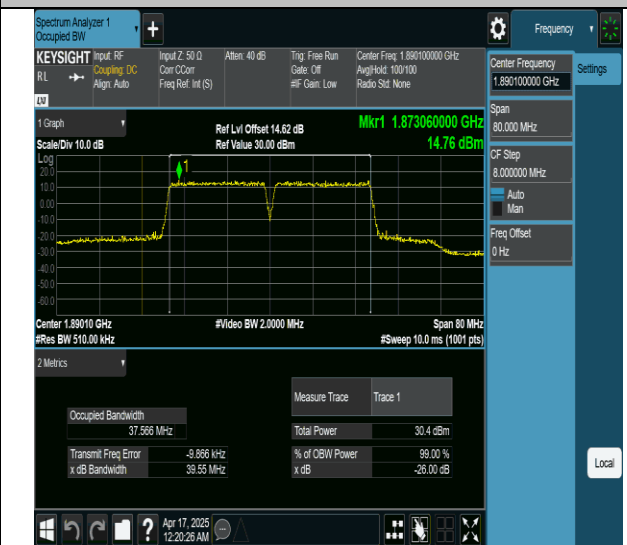
2-2-20MHz-20MHz-64QAM-64QAM-18801-18999-100RB#0-100RB#0-PASS



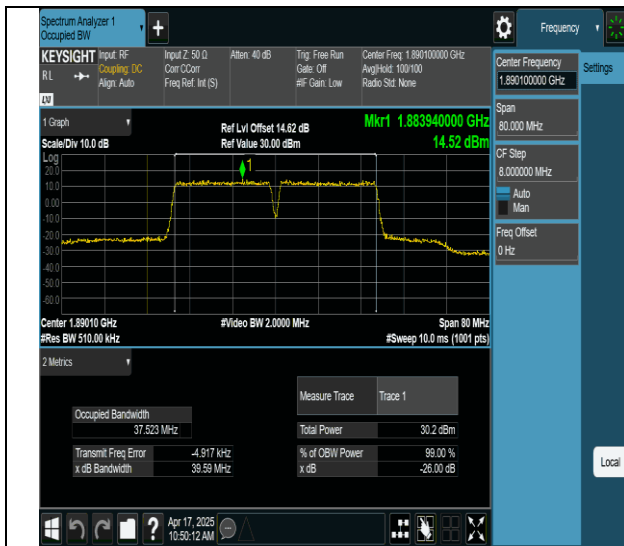
2-2-20MHz-20MHz-256QAM-256QAM-18801-18999-100RB#0-100RB#0-PASS



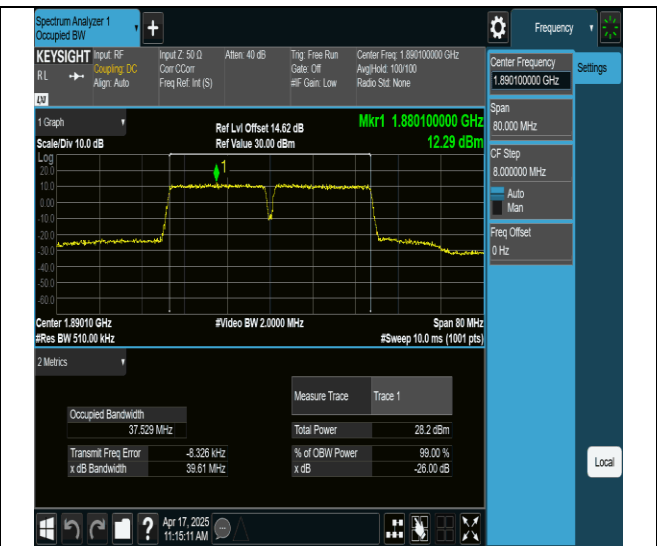
2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-100RB#0-100RB#0-PASS



2-2-20MHz-20MHz-16QAM-16QAM-18902-19100-100RB#0-100RB#0-PASS



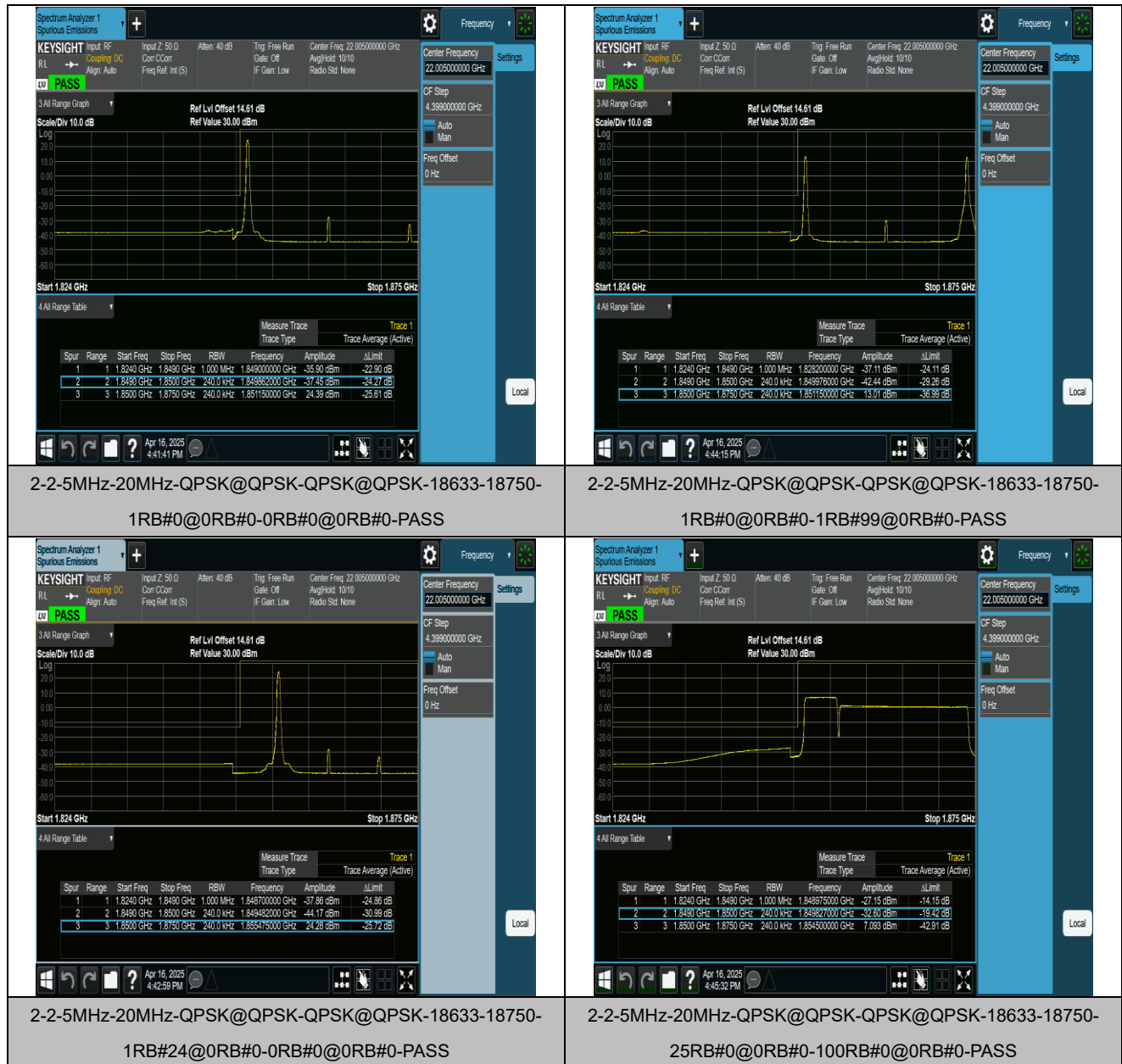
2-2-20MHz-20MHz-64QAM-64QAM-18902-19100-100RB#0-
100RB#0-PASS

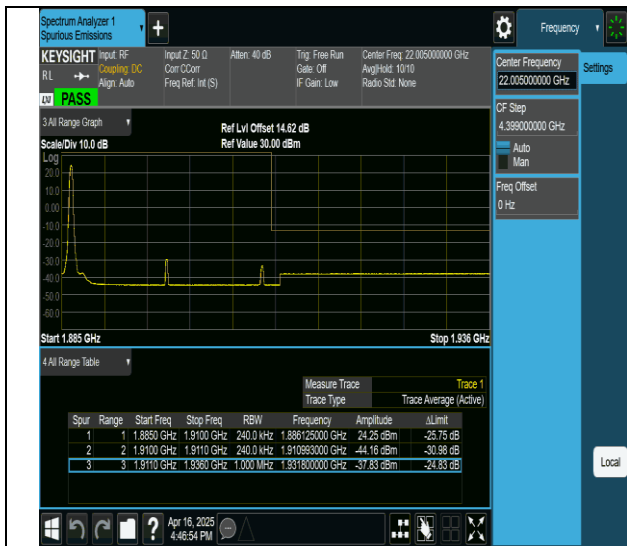


2-2-20MHz-20MHz-256QAM-256QAM-18902-19100-100RB#0-
100RB#0-PASS

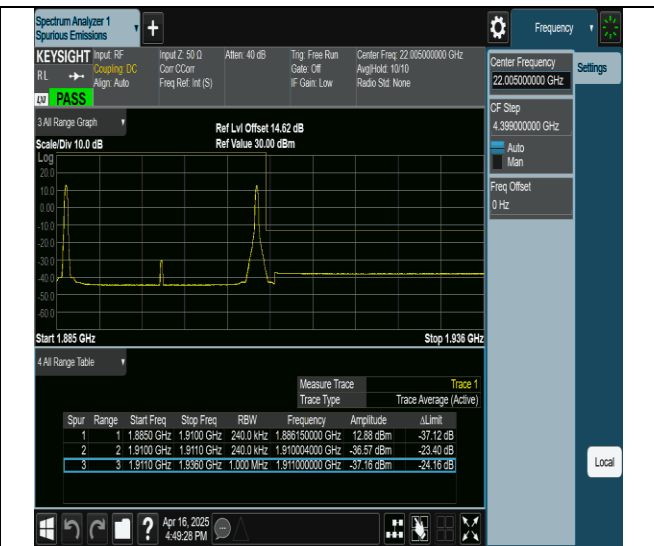
Band Edge

Test Graphs

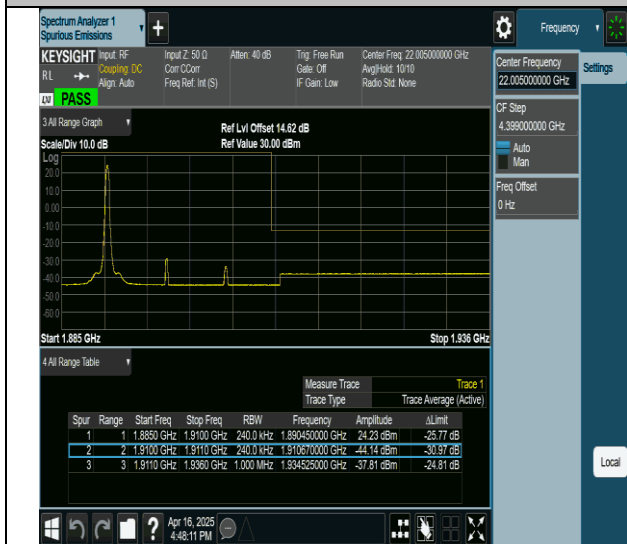




2-2-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18983-19100-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



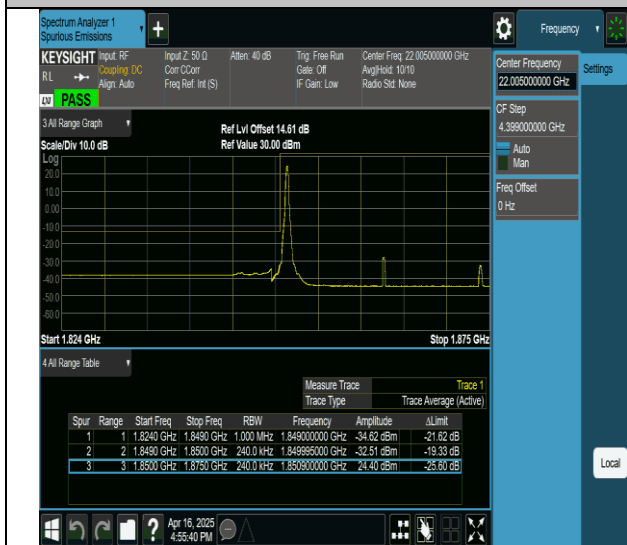
2-2-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18983-19100-
1RB#0@0RB#0-1RB#99@0RB#0-PASS



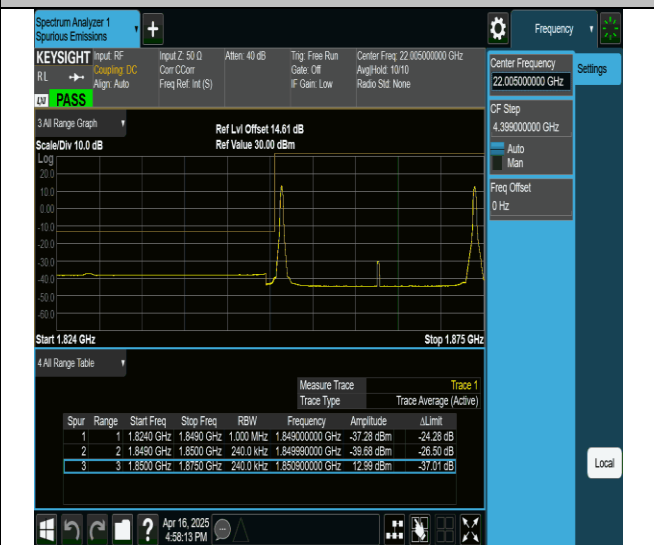
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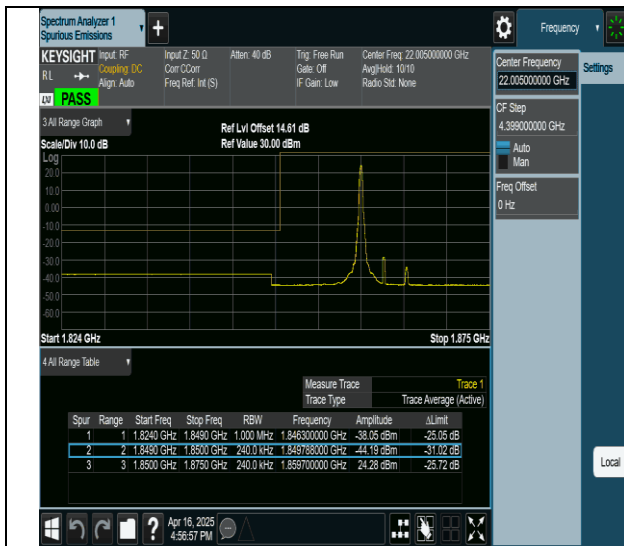
2-2-5MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18983-19100-
25RB#0@0RB#0-100RB#0@0RB#0-PASS



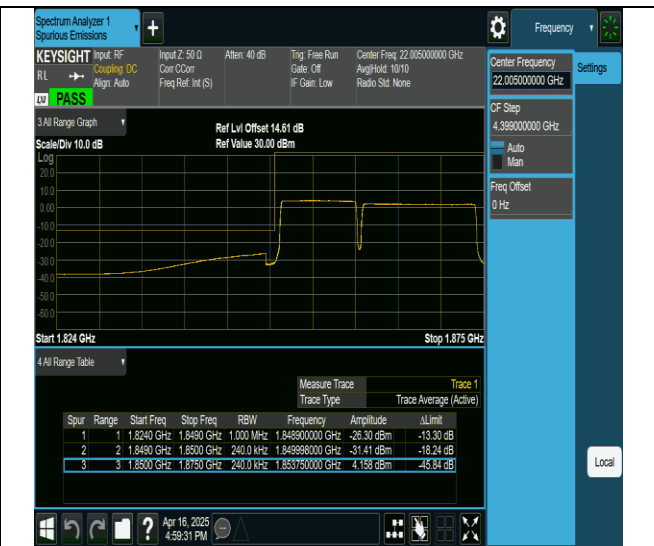
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18653-18773-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



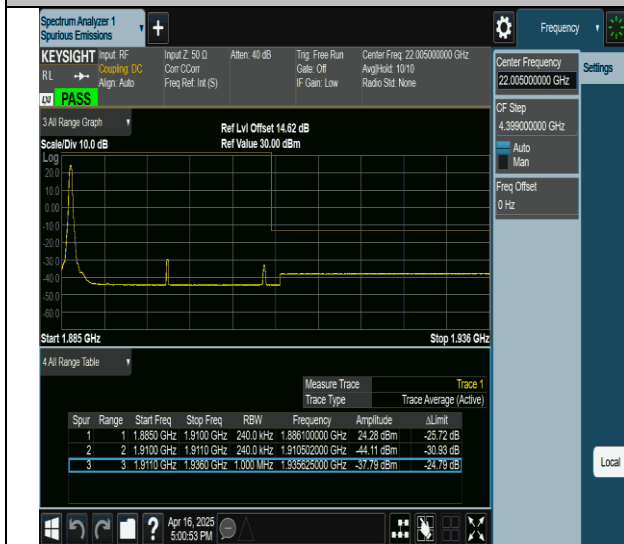
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18653-18773-
1RB#0@0RB#0-1RB#74@0RB#0-PASS



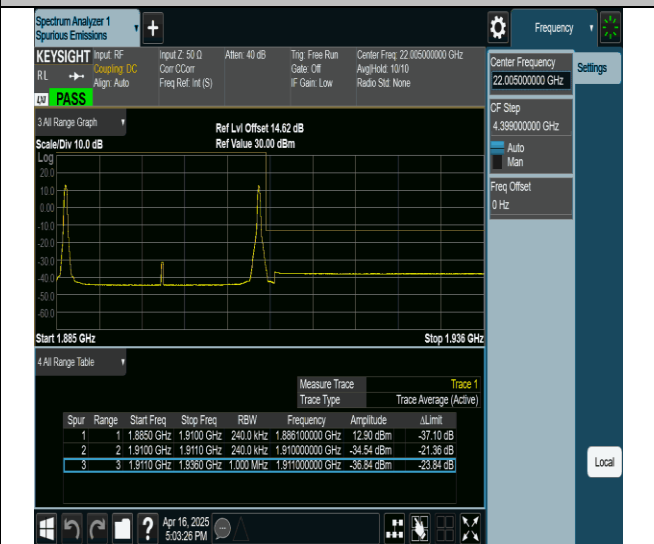
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18653-18773-
1RB#49@0RB#0-0RB#0@0RB#0-PASS



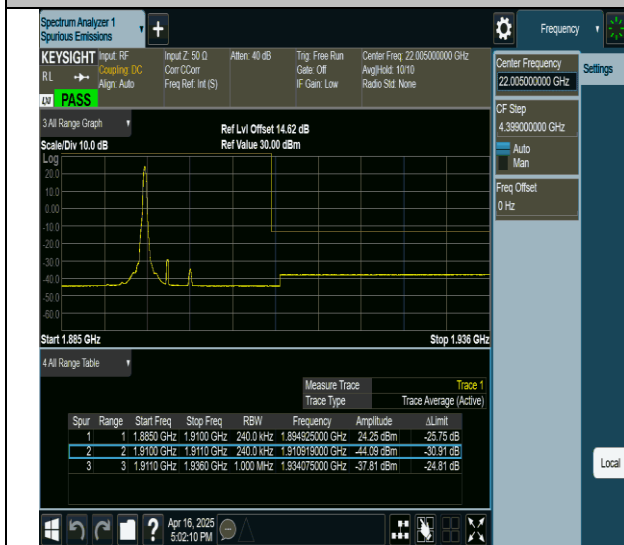
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18653-18773-
50RB#0@0RB#0-75RB#0@0RB#0-PASS



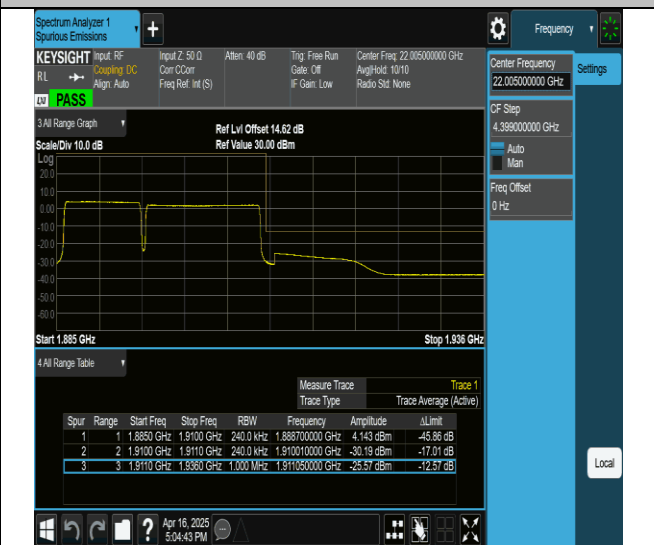
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-19005-19125-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



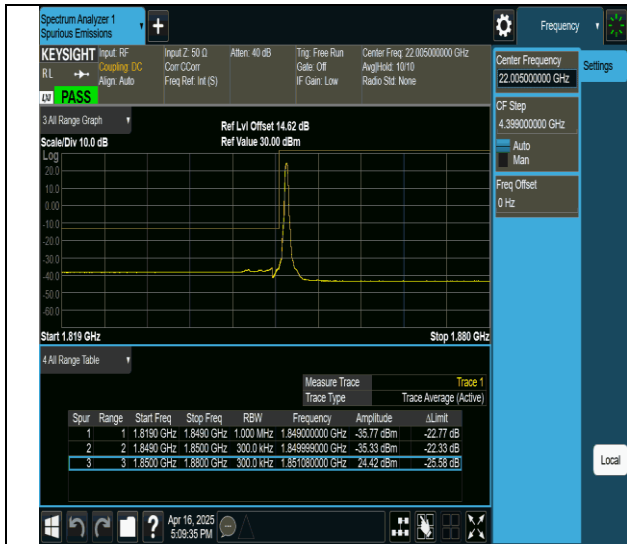
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-19005-19125-
1RB#0@0RB#0-1RB#74@0RB#0-PASS



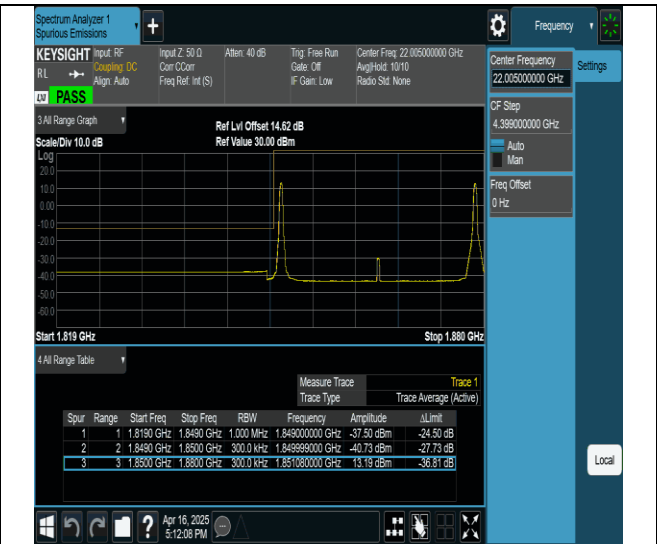
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-19005-19125-
1RB#49@0RB#0-0RB#0@0RB#0-PASS



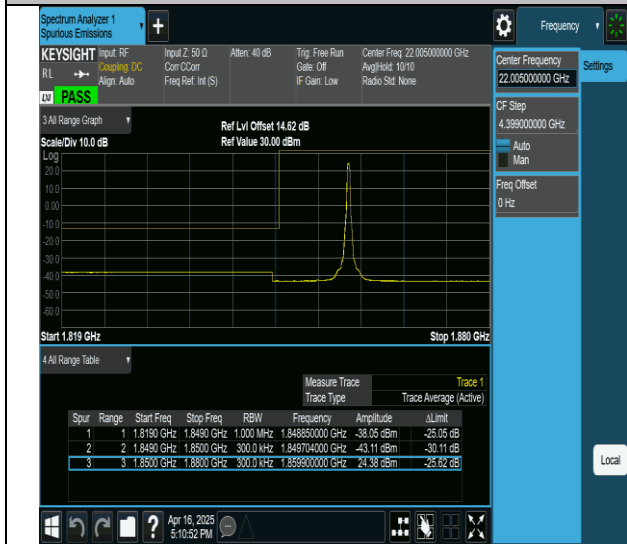
2-2-10MHz-15MHz-QPSK@QPSK-QPSK@QPSK-19005-19125-
50RB#0@0RB#0-75RB#0@0RB#0-PASS



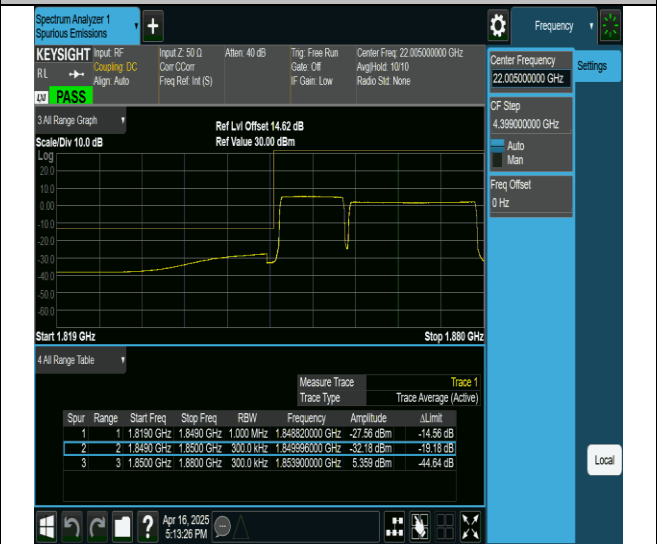
2-2-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18655-18799-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



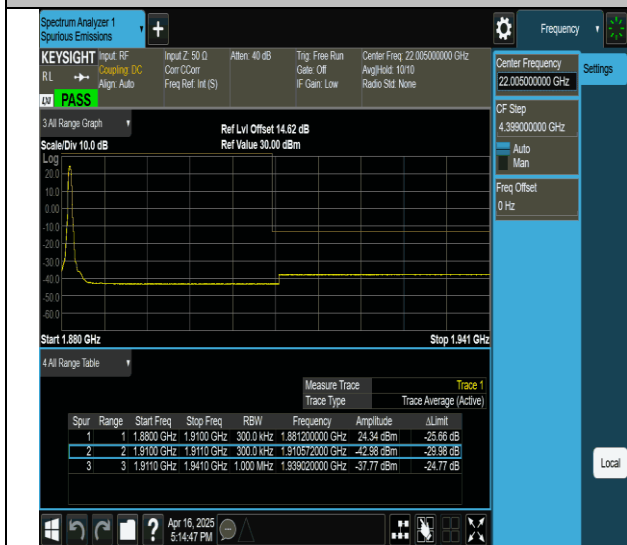
2-2-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18655-18799-
1RB#0@0RB#0-1RB#99@0RB#0-PASS



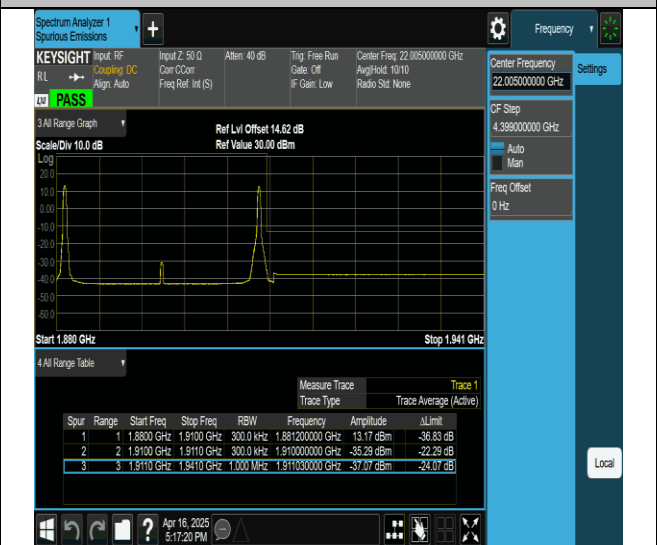
2-2-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18655-18799-
1RB#49@0RB#0-0RB#0@0RB#0-PASS



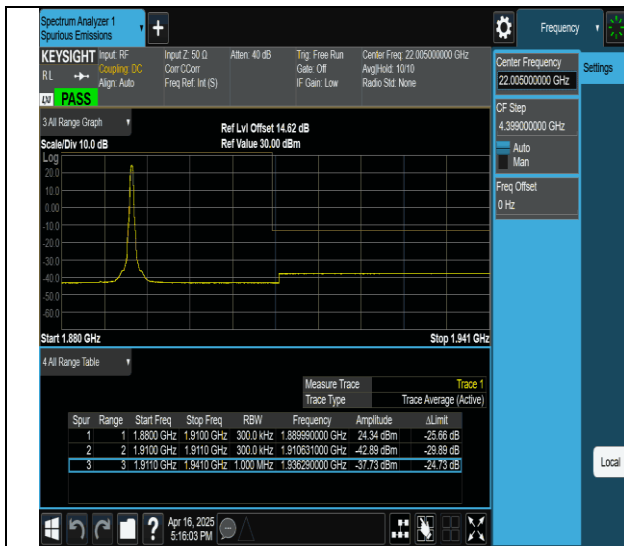
2-2-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18655-18799-
50RB#0@0RB#0-100RB#0@0RB#0-PASS



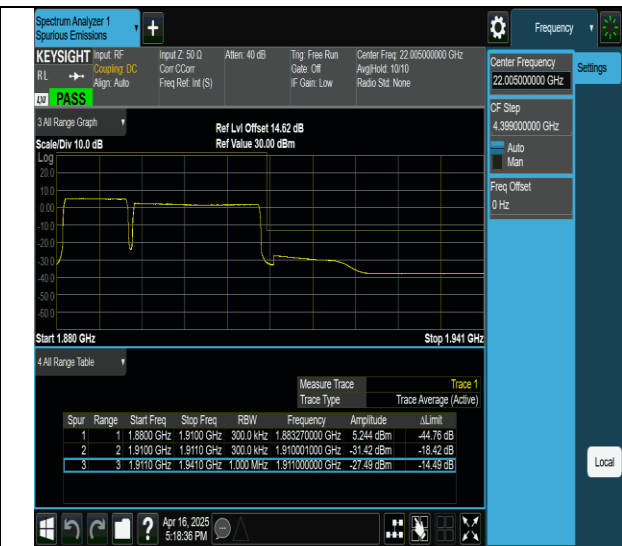
2-2-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18956-19100-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



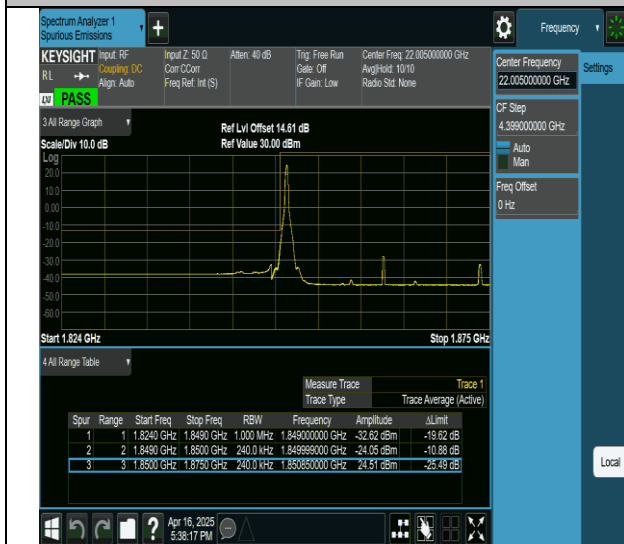
2-2-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18956-19100-
1RB#0@0RB#0-1RB#99@0RB#0-PASS



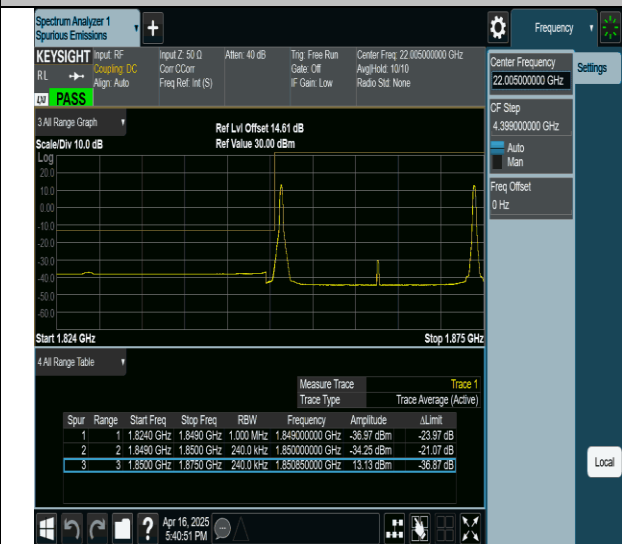
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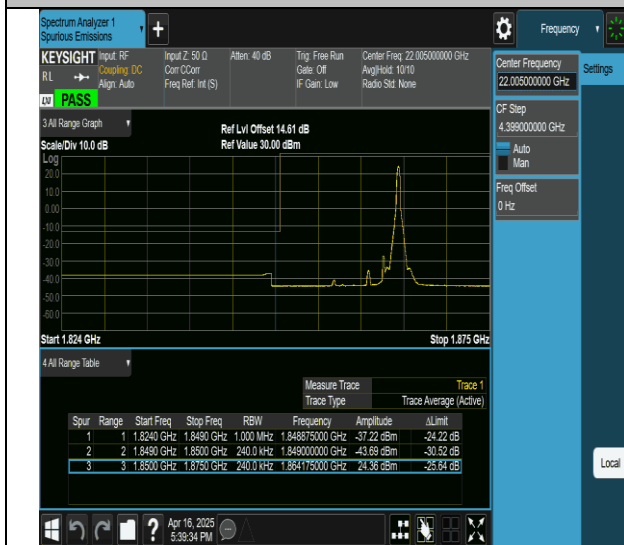
2-2-10MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18956-19100-
50RB#0@0RB#0-100RB#0@0RB#0-PASS



2-2-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-18675-18795-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



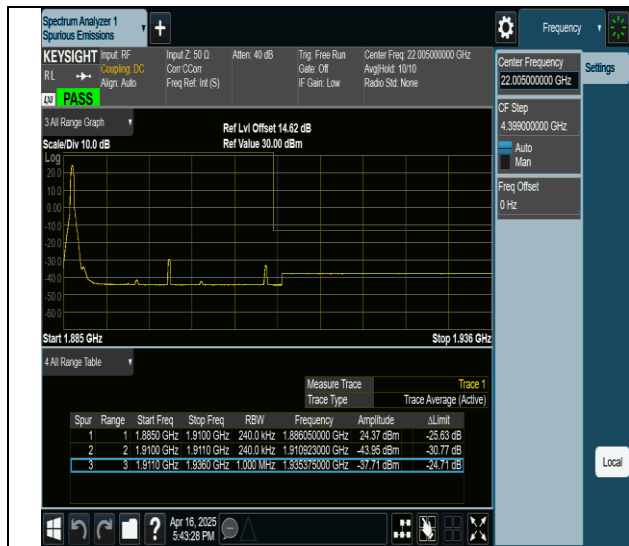
2-2-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-18675-18795-
1RB#0@0RB#0-1RB#49@0RB#0-PASS



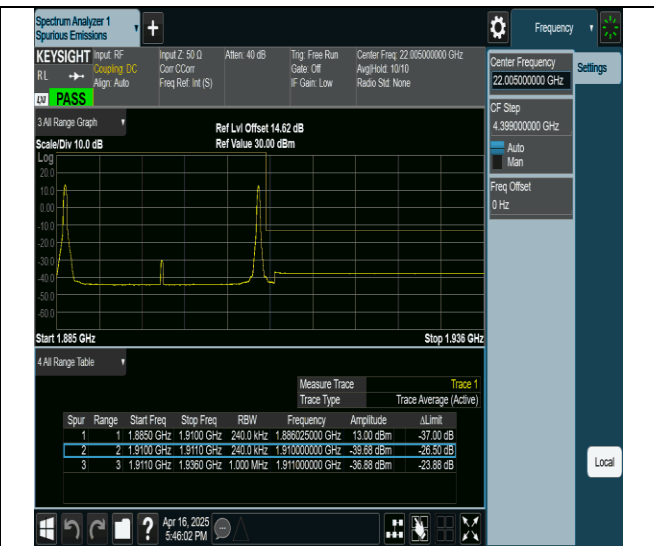
2-2-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-18675-18795-
1RB#74@0RB#0-0RB#0@0RB#0-PASS



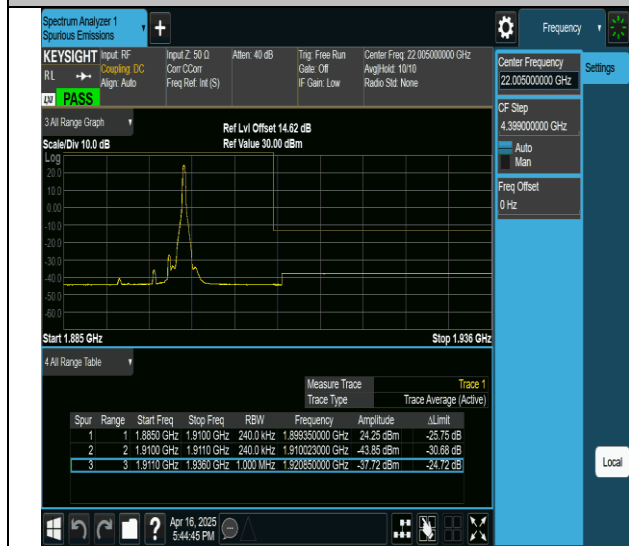
2-2-15MHz-10MHz-QPSK@QPSK-QPSK@QPSK-18675-18795-
75RB#0@0RB#0-50RB#0@0RB#0-PASS



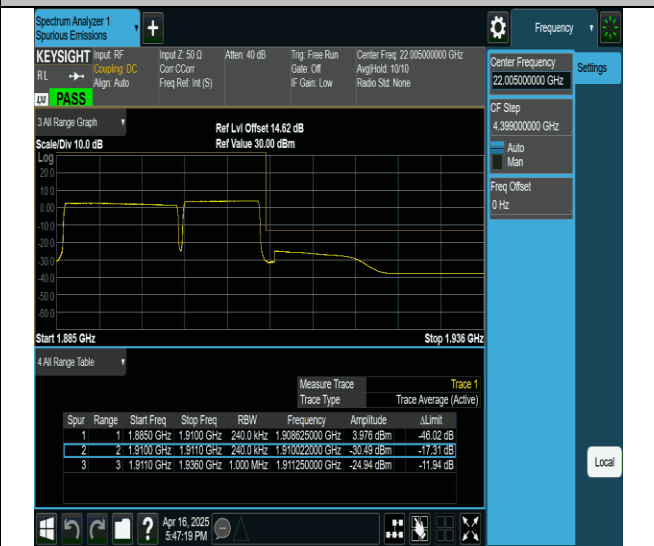
2-2-15MHz-10MHz-QPSK@QPSK-QPSK-19027-19147-1RB#0@0RB#0-0RB#0@0RB#0-PASS



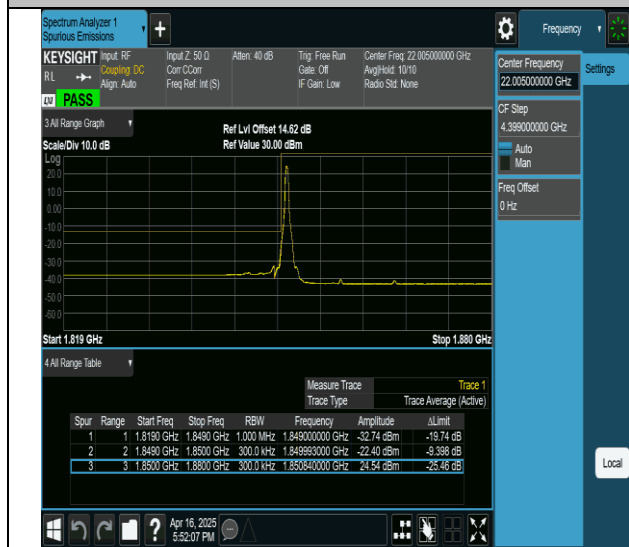
2-2-15MHz-10MHz-QPSK@QPSK-QPSK-19027-19147-1RB#0@0RB#0-1RB#49@0RB#0-PASS



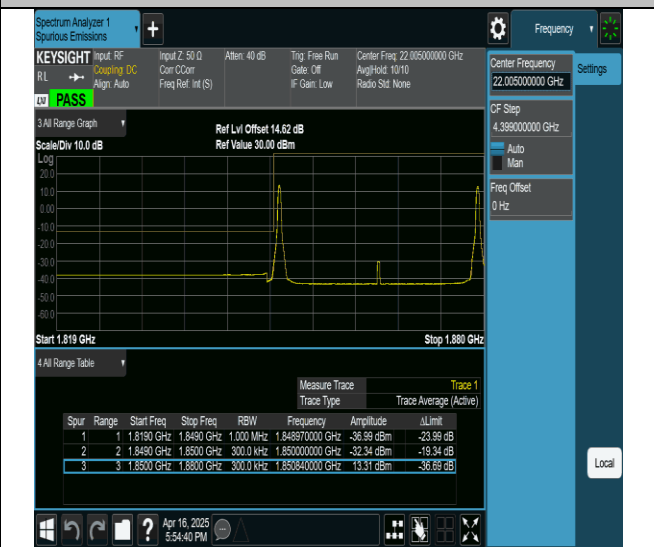
2-2-15MHz-10MHz-QPSK@QPSK-QPSK-19027-19147-1RB#74@0RB#0-0RB#0@0RB#0-PASS



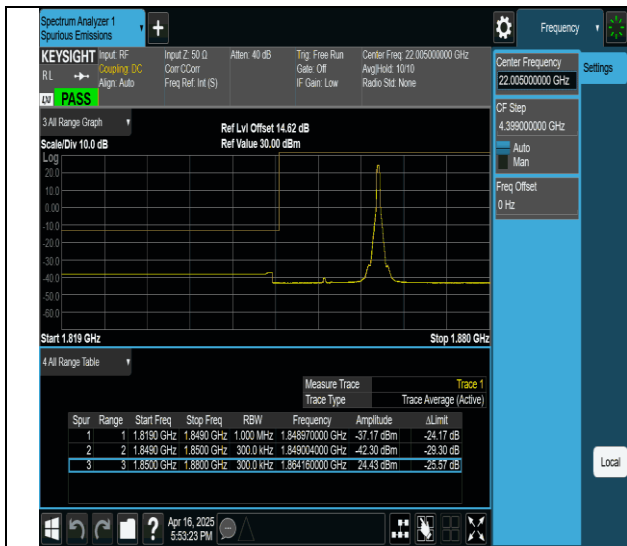
2-2-15MHz-10MHz-QPSK@QPSK-QPSK-19027-19147-75RB#0@0RB#0-50RB#0@0RB#0-PASS



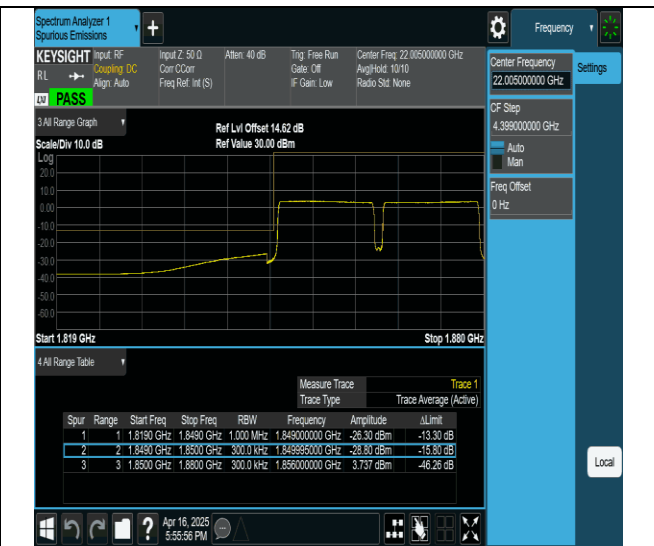
2-2-15MHz-15MHz-QPSK@QPSK-QPSK-18675-18825-1RB#0@0RB#0-0RB#0@0RB#0-PASS



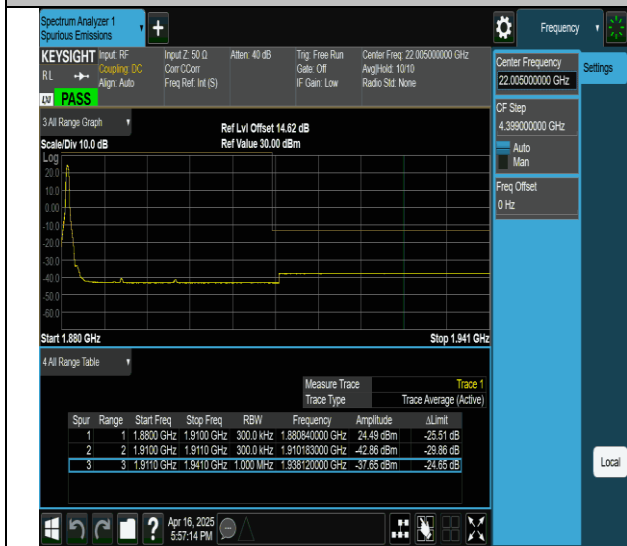
2-2-15MHz-15MHz-QPSK@QPSK-QPSK-18675-18825-1RB#0@0RB#0-1RB#74@0RB#0-PASS



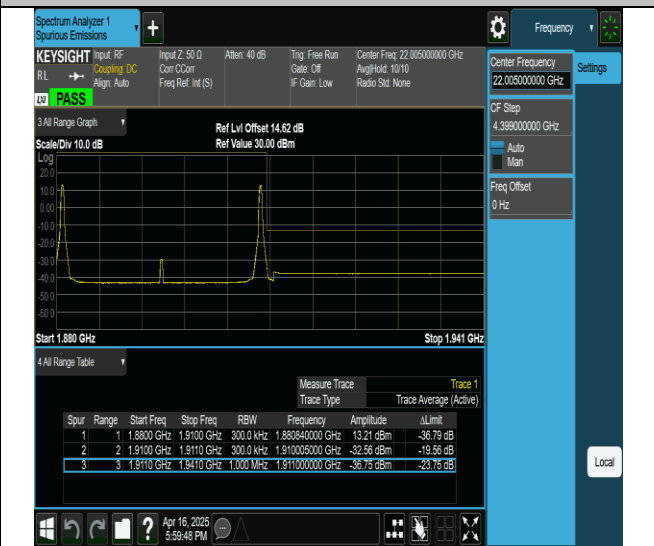
2-2-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18675-18825-
1RB#74@0RB#0-0RB#0@0RB#0-PASS



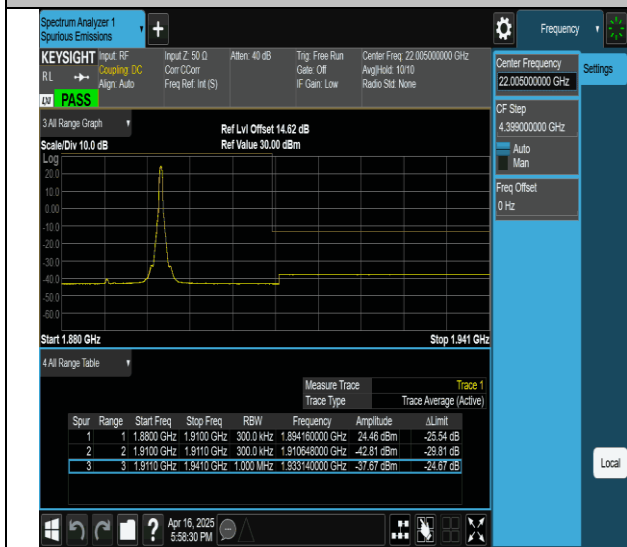
2-2-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18675-18825-
75RB#0@0RB#0-0RB#0@0RB#0-PASS



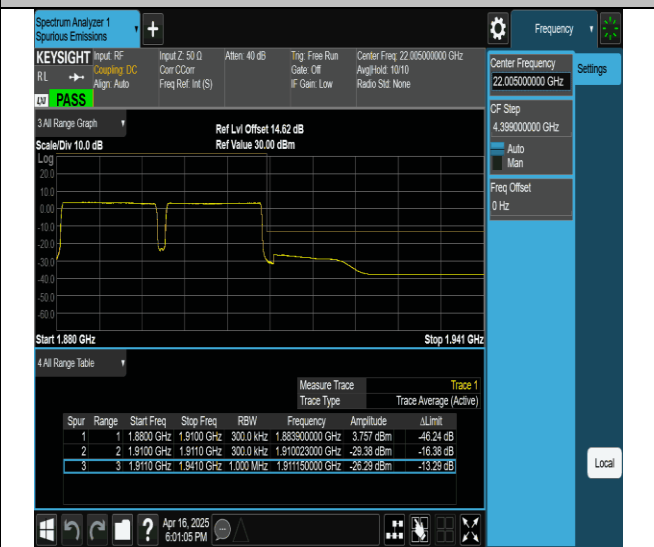
2-2-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18975-19125-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



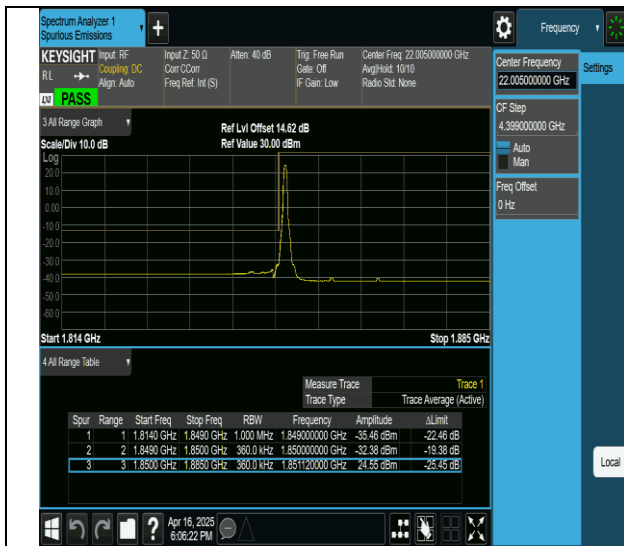
2-2-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18975-19125-
1RB#0@0RB#0-1RB#74@0RB#0-PASS



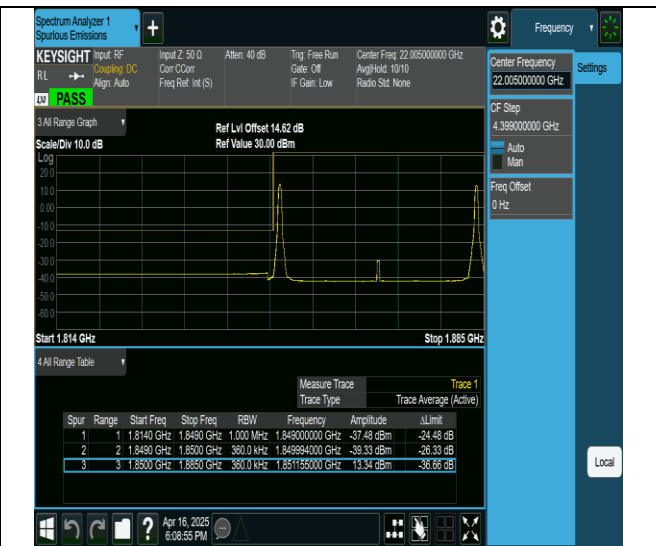
2-2-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18975-19125-
1RB#74@0RB#0-0RB#0@0RB#0-PASS



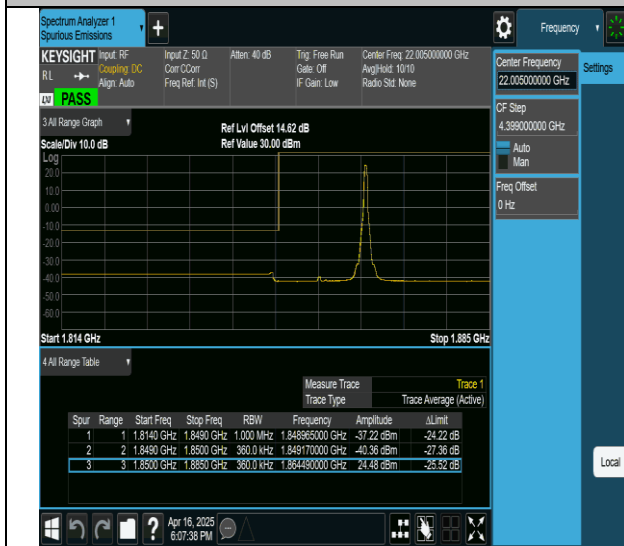
2-2-15MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18975-19125-
75RB#0@0RB#0-0RB#0@0RB#0-PASS



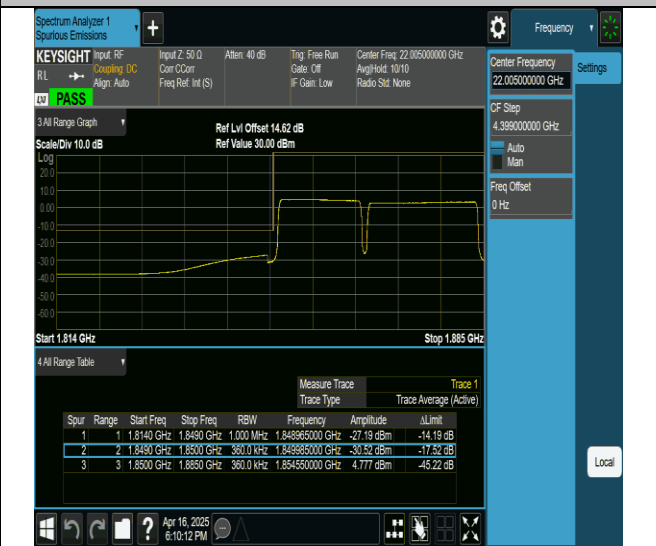
2-2-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18678-18849-1RB#0@0RB#0-0RB#0@0RB#0-PASS



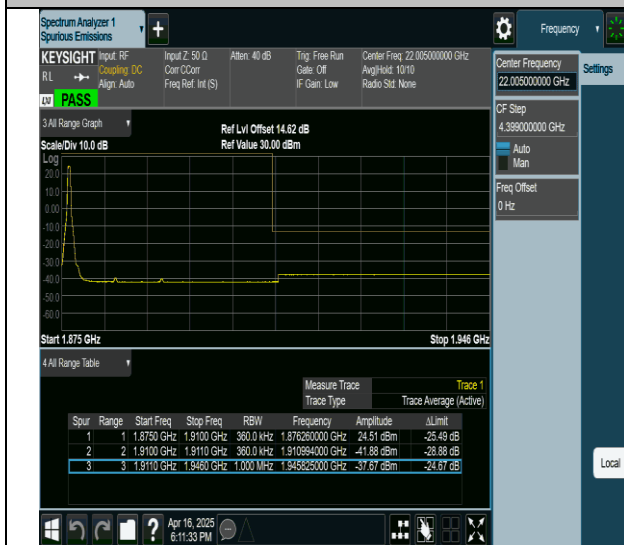
2-2-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18678-18849-1RB#0@0RB#0-1RB#99@0RB#0-PASS



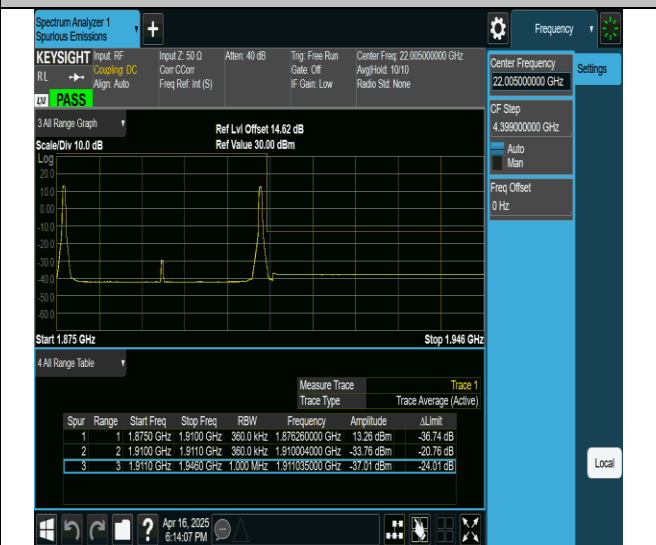
2-2-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18678-18849-1RB#74@0RB#0-0RB#0@0RB#0-PASS



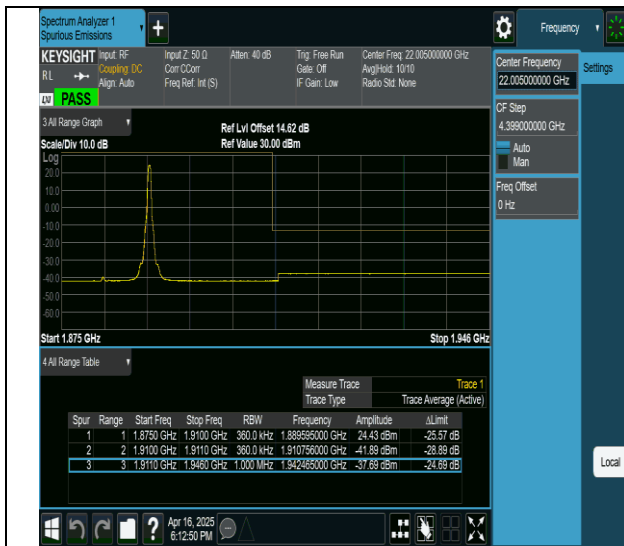
2-2-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18678-18849-75RB#0@0RB#0-100RB#0@0RB#0-PASS



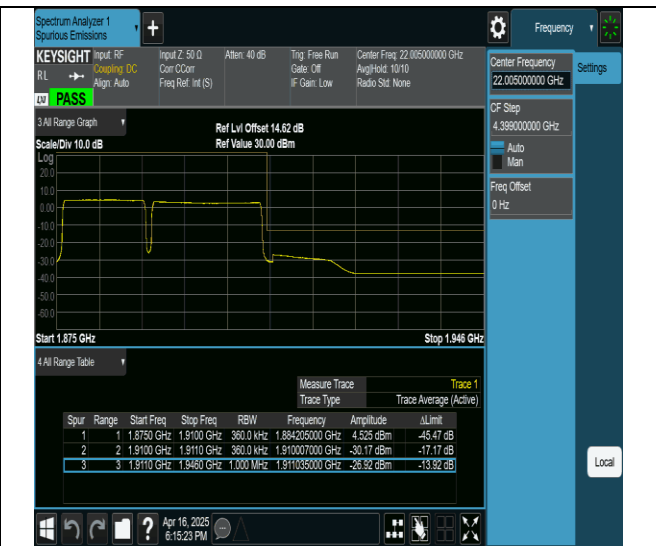
2-2-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18929-19100-1RB#0@0RB#0-0RB#0@0RB#0-PASS



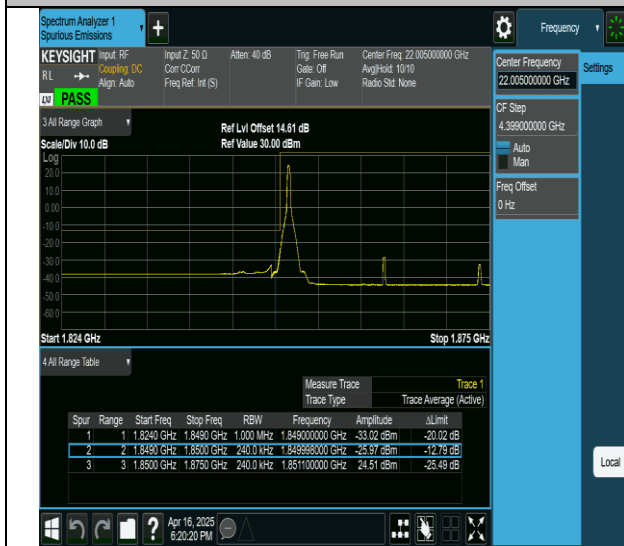
2-2-15MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18929-19100-1RB#0@0RB#0-1RB#99@0RB#0-PASS



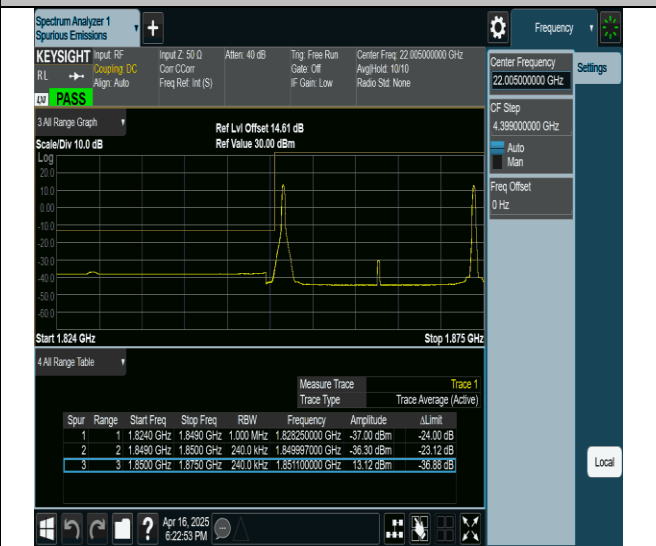
2-2-15MHz-20MHz-QPSK@QPSK-QPSK-18929-19100-1RB#74@0RB#0-0RB#0@0RB#0-PASS



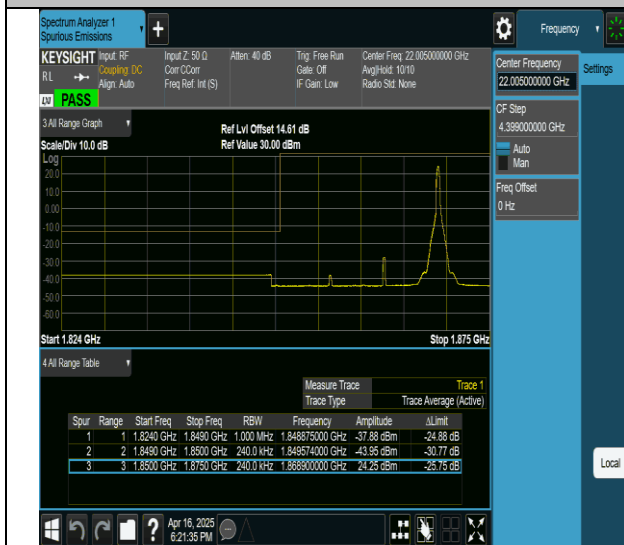
2-2-15MHz-20MHz-QPSK@QPSK-QPSK-18929-19100-75RB#0@0RB#0-100RB#0@0RB#0-PASS



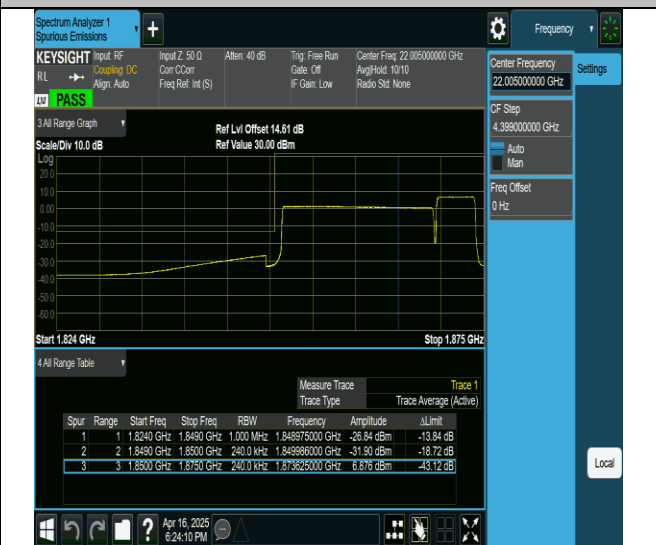
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-18700-18817-1RB#0@0RB#0-0RB#0@0RB#0-PASS



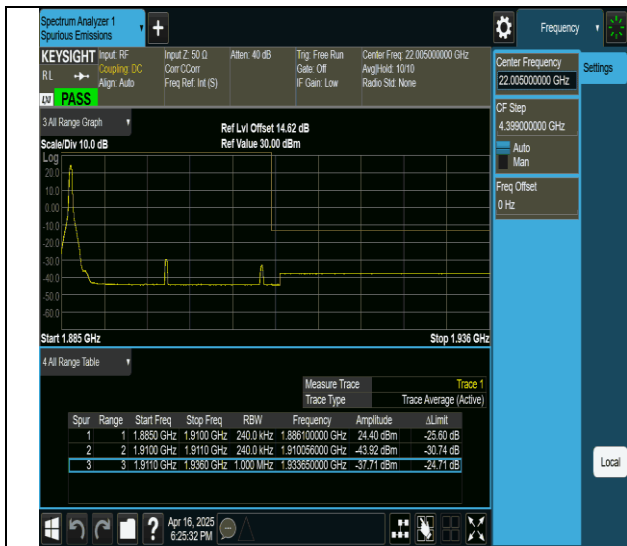
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-18700-18817-1RB#0@0RB#0-1RB#24@0RB#0-PASS



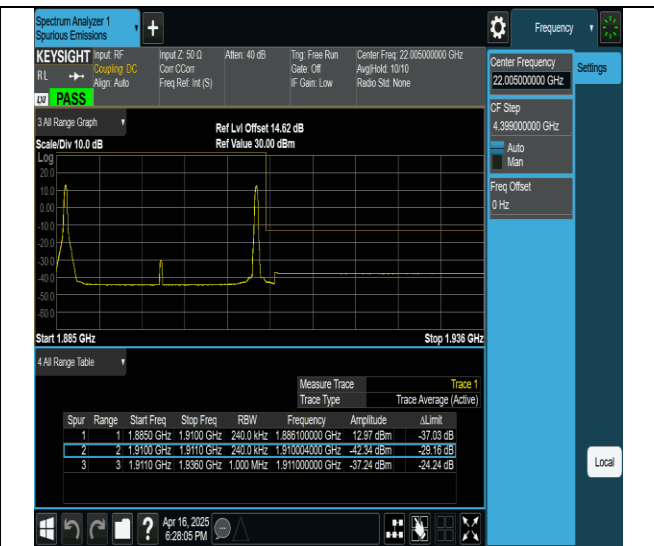
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-18700-18817-1RB#99@0RB#0-0RB#0@0RB#0-PASS



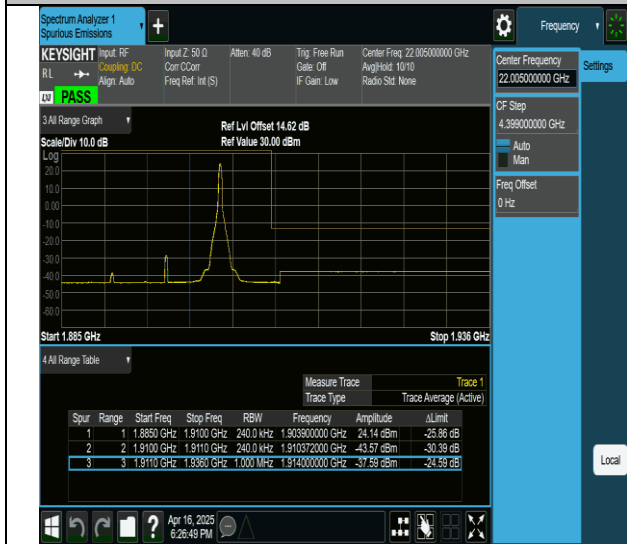
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-18700-18817-100RB#0@0RB#0-25RB#0@0RB#0-PASS



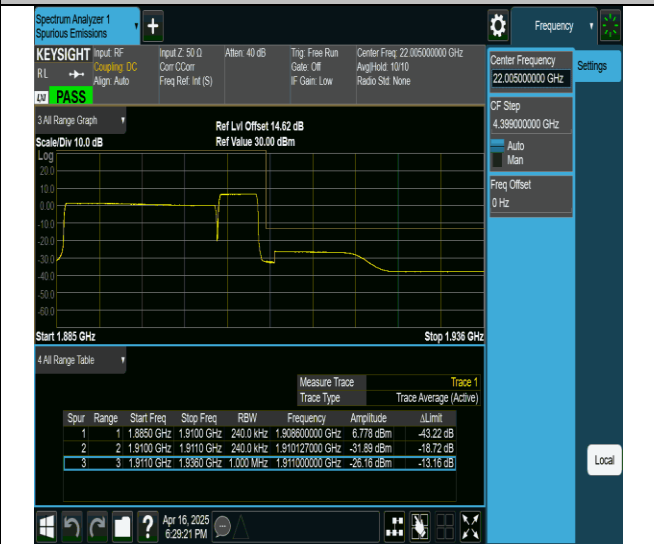
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-19050-19167-1RB#0@ORB#0-ORB#0@ORB#0-PASS



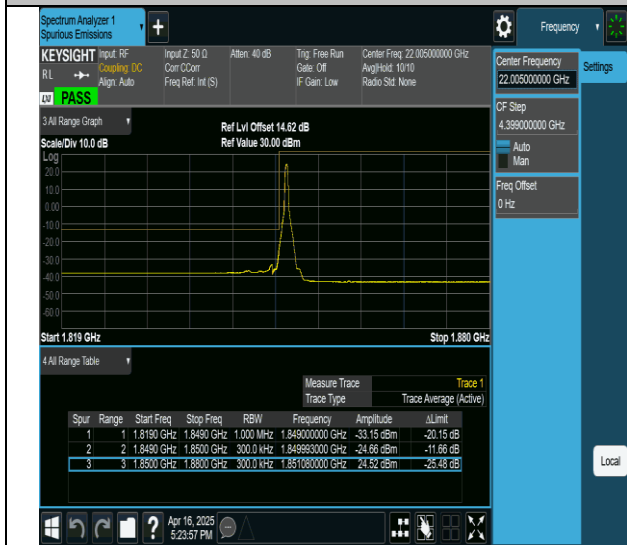
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-19050-19167-1RB#0@ORB#0-1RB#24@ORB#0-PASS



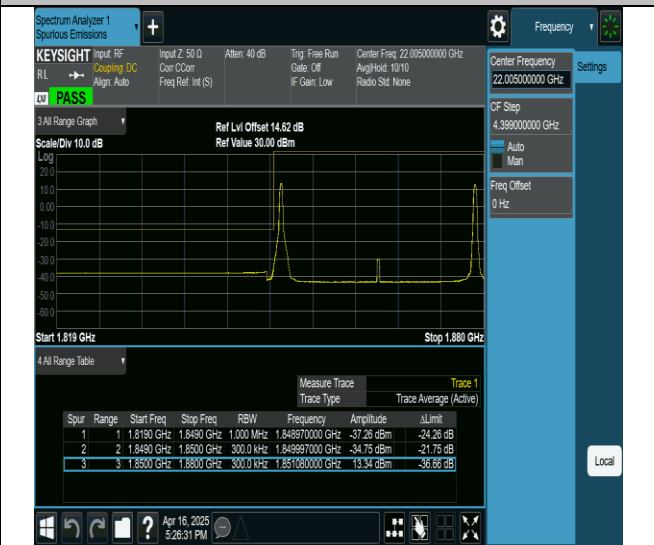
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-19050-19167-1RB#99@ORB#0-ORB#0@ORB#0-PASS



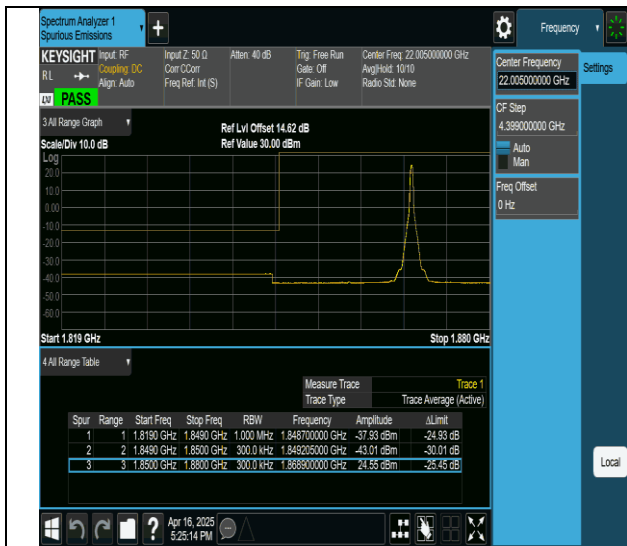
2-2-20MHz-5MHz-QPSK@QPSK-QPSK-19050-19167-100RB#0@ORB#0-25RB#0@ORB#0-PASS



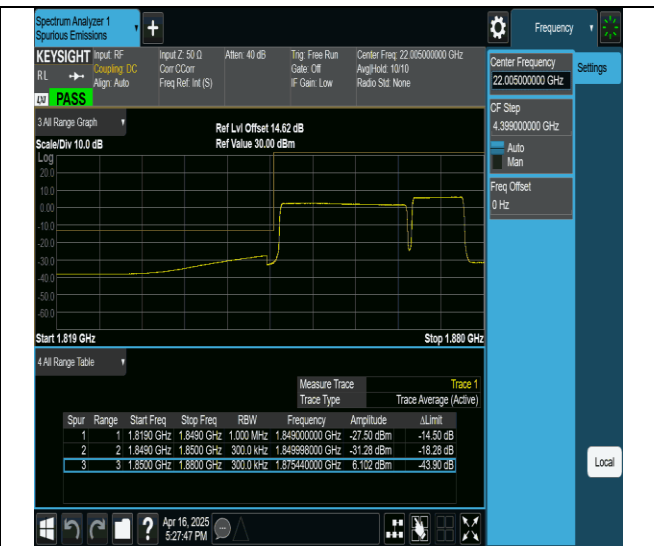
2-2-20MHz-10MHz-QPSK@QPSK-QPSK-18700-18844-1RB#0@ORB#0-ORB#0@ORB#0-PASS



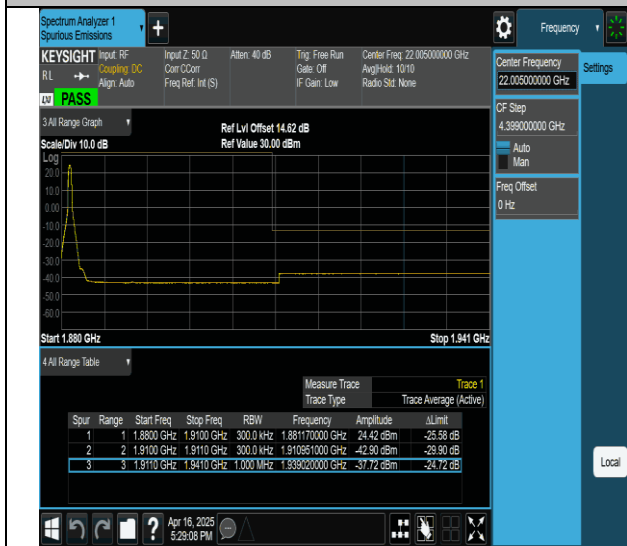
2-2-20MHz-10MHz-QPSK@QPSK-QPSK-18700-18844-1RB#0@ORB#0-1RB#49@ORB#0-PASS



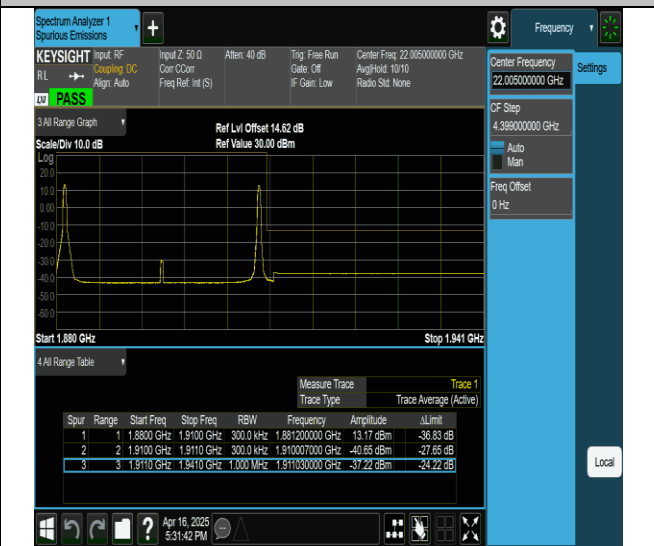
2-2-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-18700-18844-
1RB#99@0RB#0-0RB#0@0RB#0-PASS



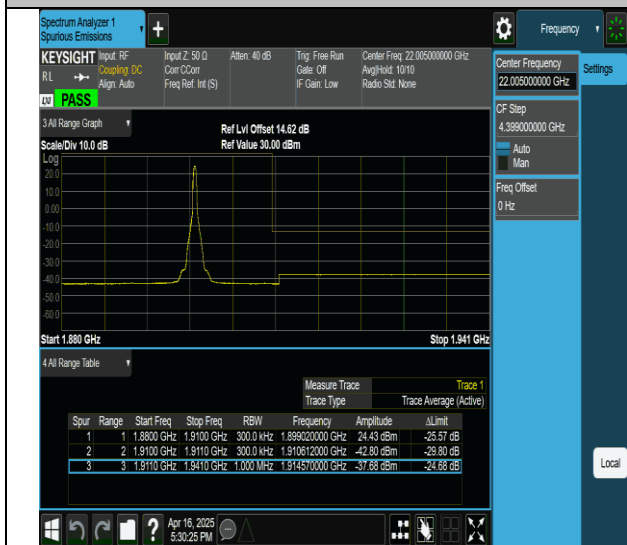
2-2-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-18700-18844-
100RB#0@0RB#0-40RB#0@0RB#0-PASS



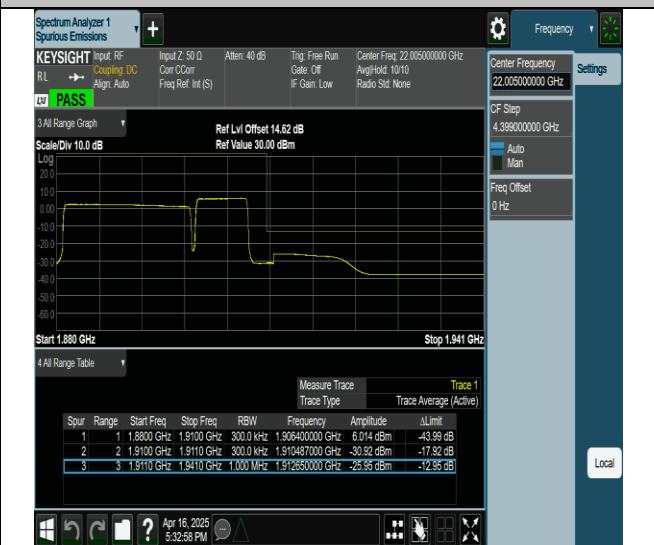
2-2-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-19001-19145-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



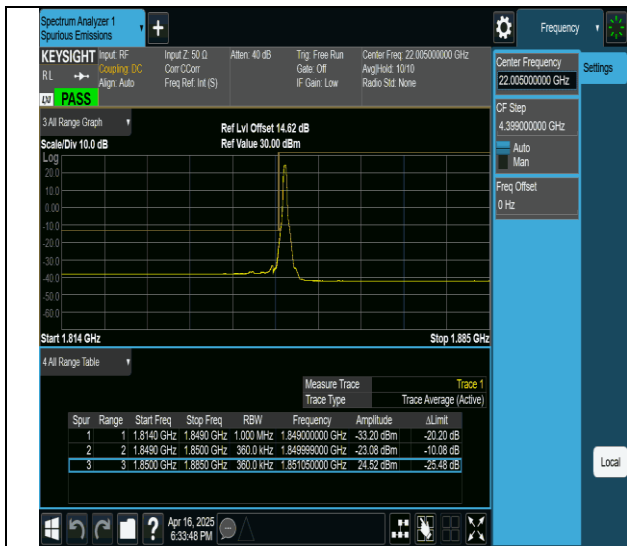
2-2-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-19001-19145-
1RB#0@0RB#0-1RB#49@0RB#0-PASS



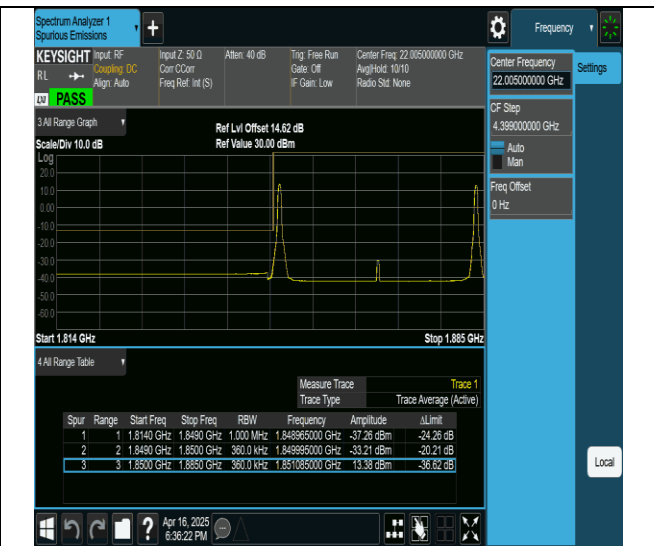
2-2-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-19001-19145-
1RB#99@0RB#0-0RB#0@0RB#0-PASS



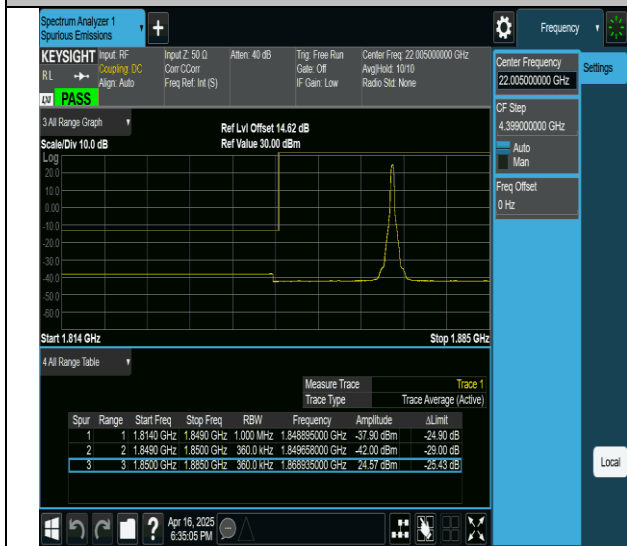
2-2-20MHz-10MHz-QPSK@QPSK-QPSK@QPSK-19001-19145-
100RB#0@0RB#0-40RB#0@0RB#0-PASS



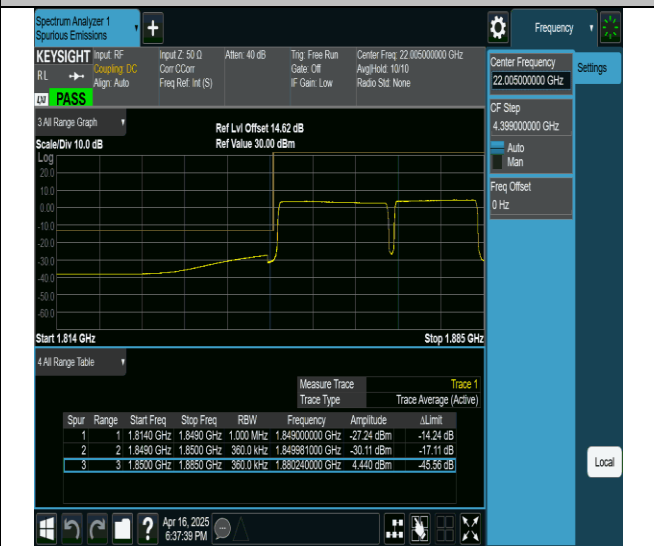
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18700-18871-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



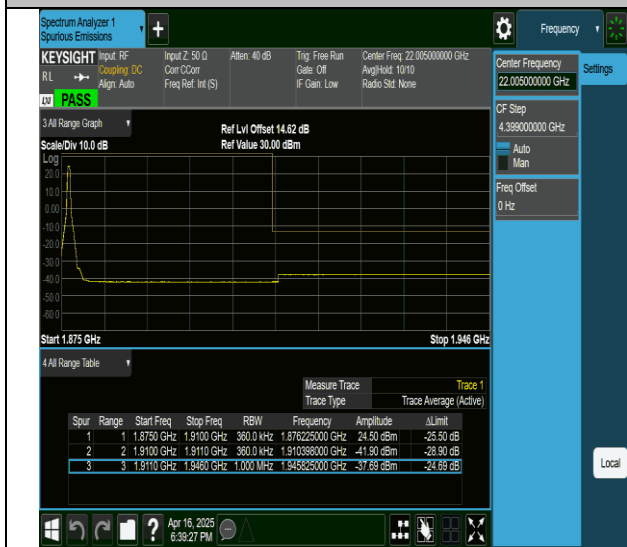
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18700-18871-
1RB#0@0RB#0-1RB#74@0RB#0-PASS



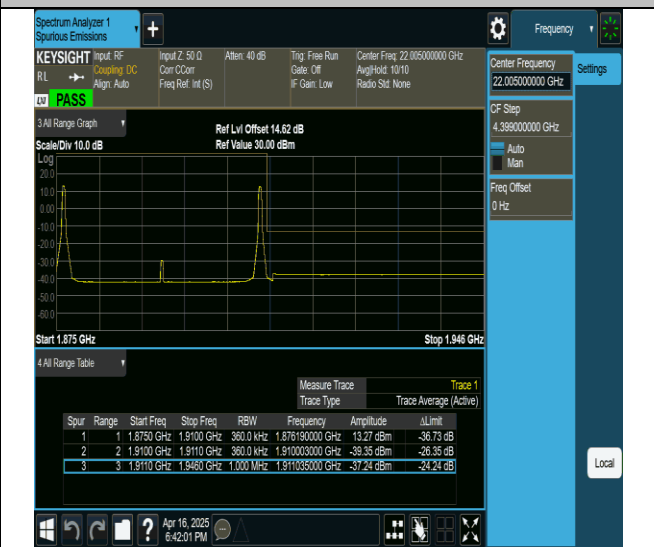
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18700-18871-
1RB#99@0RB#0-0RB#0@0RB#0-PASS



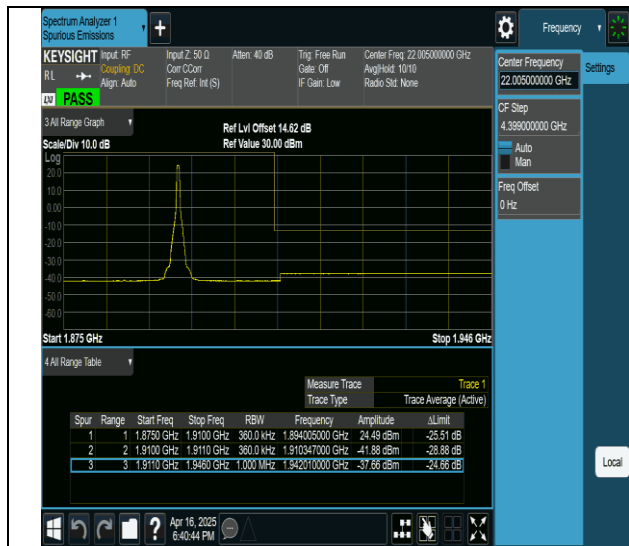
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18700-18871-
100RB#0@0RB#0-75RB#0@0RB#0-PASS



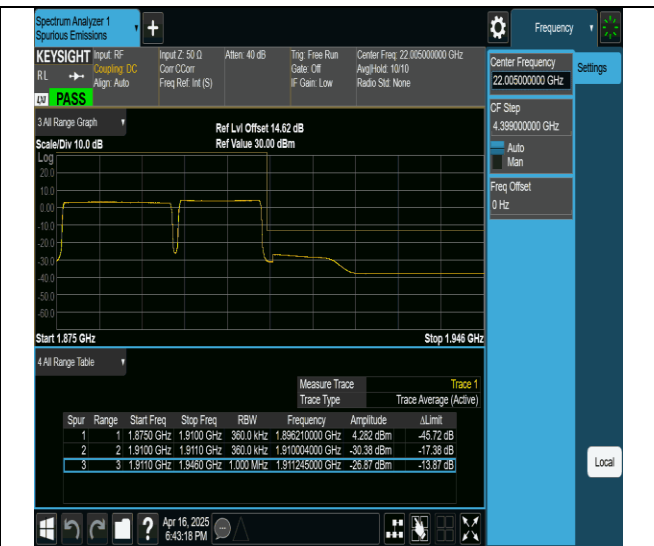
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18951-19122-
1RB#0@0RB#0-0RB#0@0RB#0-PASS



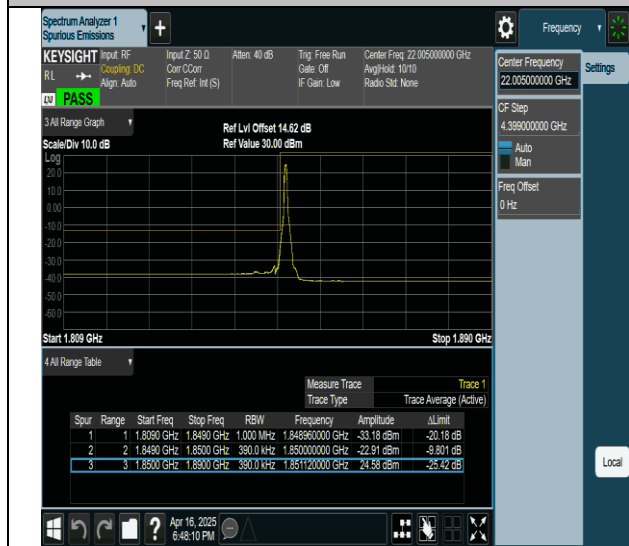
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18951-19122-
1RB#0@0RB#0-1RB#74@0RB#0-PASS



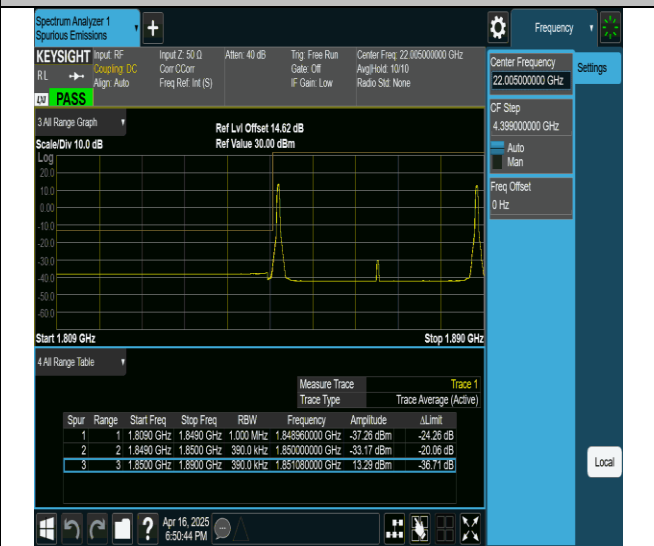
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18951-19122-1RB#99@0RB#0-0RB#0@0RB#0-PASS



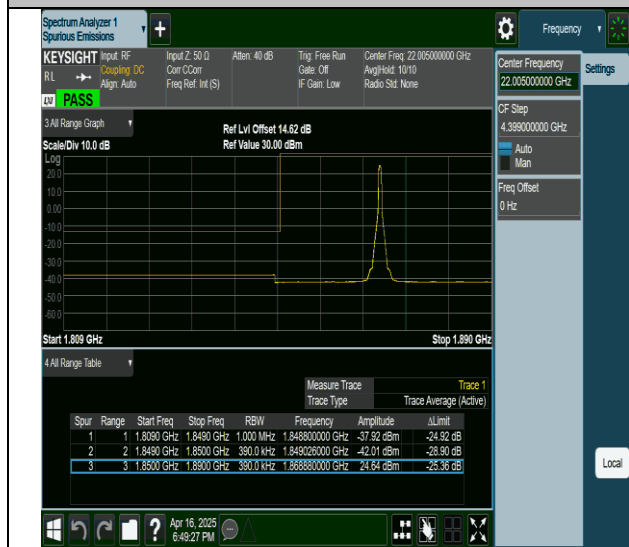
2-2-20MHz-15MHz-QPSK@QPSK-QPSK@QPSK-18951-19122-100RB#0@0RB#0-75RB#0@0RB#0-PASS



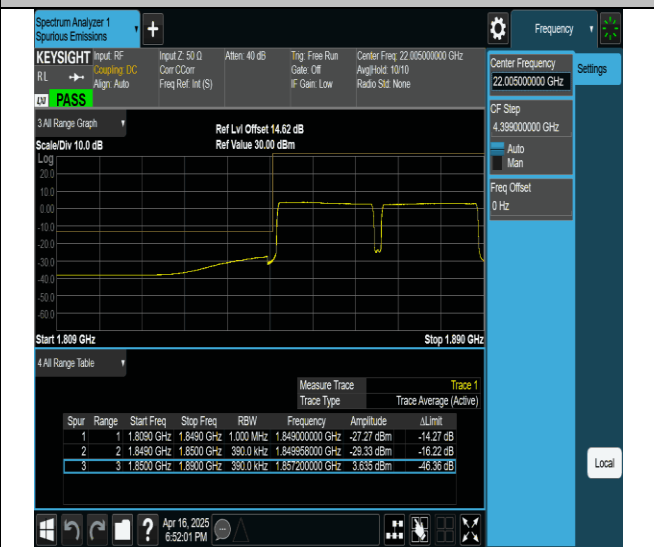
2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18700-18898-1RB#0@0RB#0-0RB#0@0RB#0-PASS



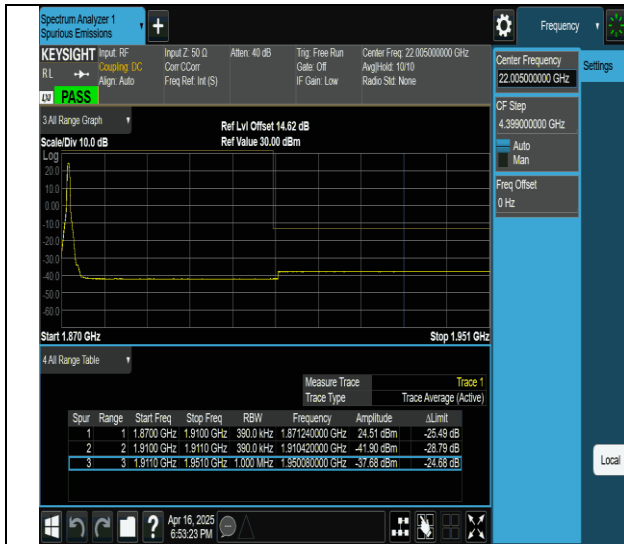
2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18700-18898-1RB#0@0RB#0-1RB#99@0RB#0-PASS



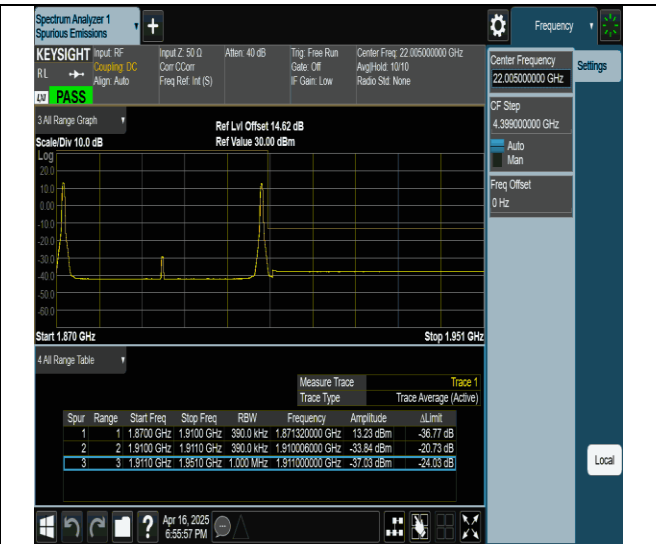
2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18700-18898-1RB#99@0RB#0-0RB#0@0RB#0-PASS



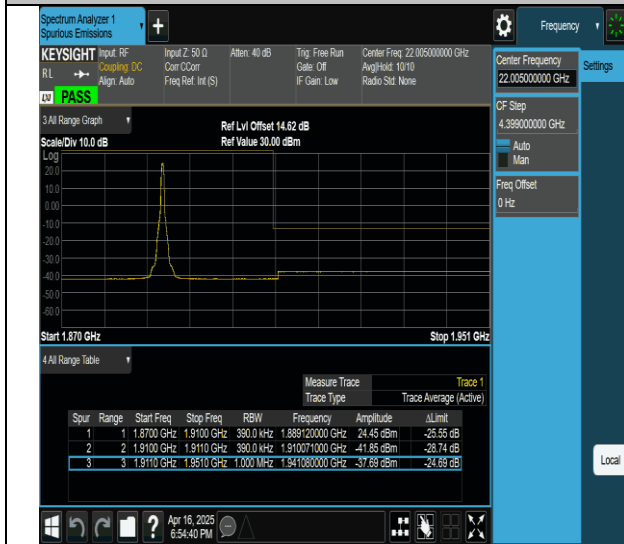
2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18700-18898-100RB#0@0RB#0-100RB#0@0RB#0-PASS



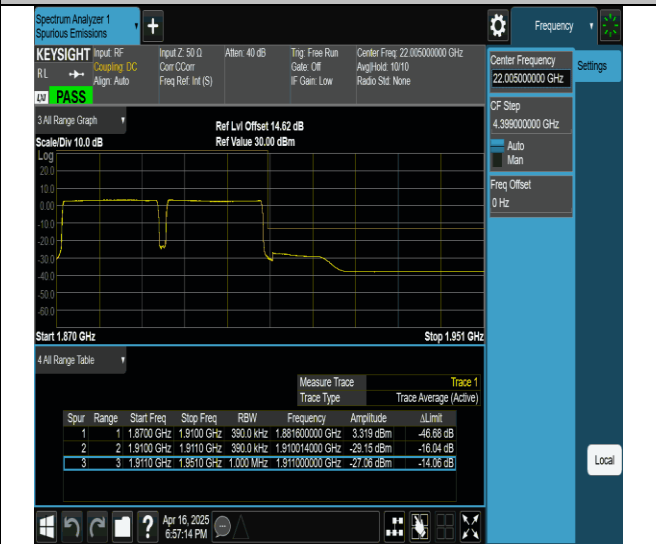
2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18902-19100-1RB#0@0RB#0-0RB#0@0RB#0-PASS



2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18902-19100-1RB#0@0RB#0-1RB#99@0RB#0-PASS



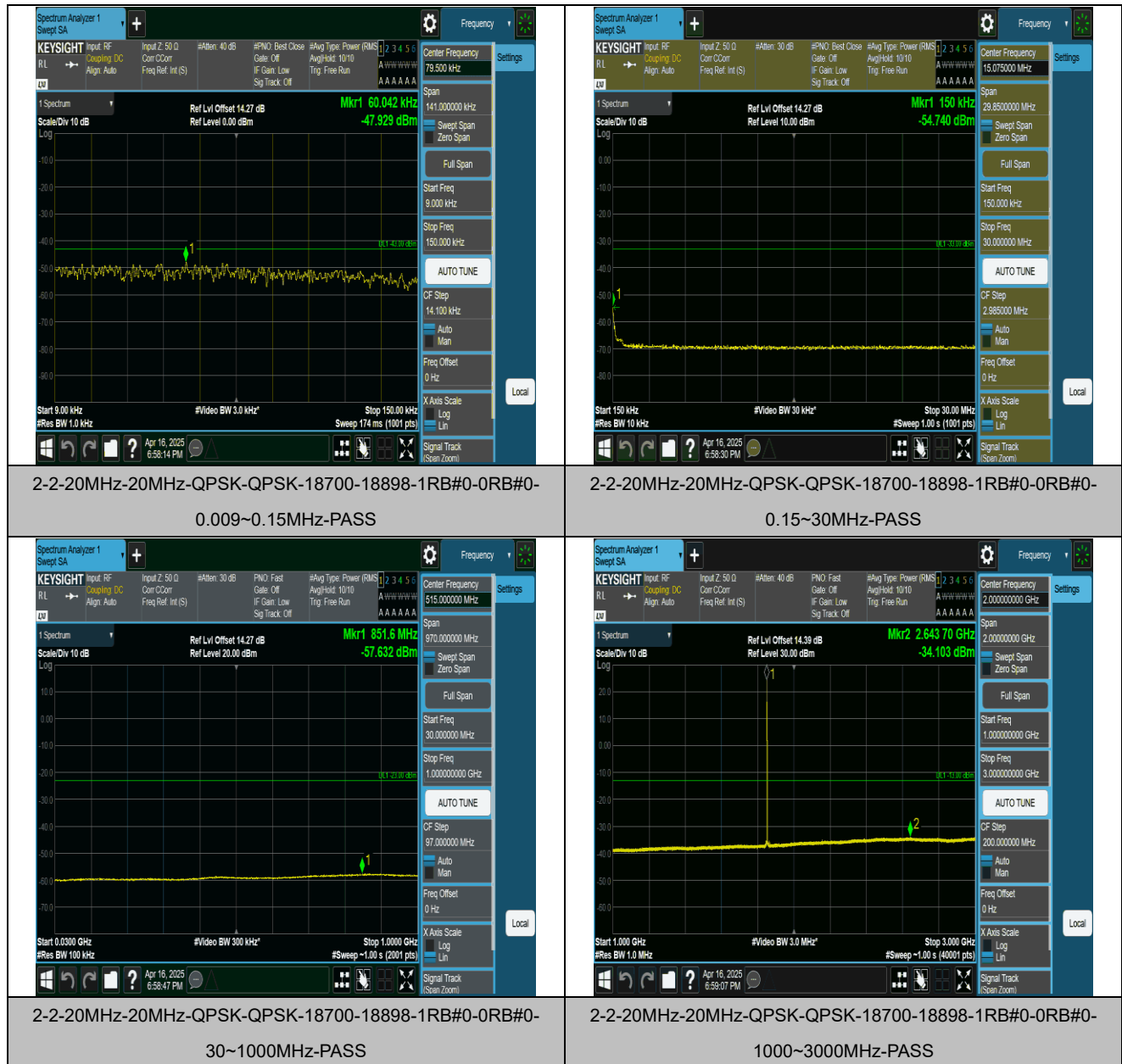
2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18902-19100-1RB#99@0RB#0-0RB#0@0RB#0-PASS



2-2-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-18902-19100-100RB#0@0RB#0-100RB#0@0RB#0-PASS

Conducted Spurious Emission

Test Graphs





2-2-20MHz-20MHz-QPSK-QPSK-18700-18898-1RB#0-0RB#0-
3000~20000MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-
0.009~0.15MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-
0.15~30MHz-PASS



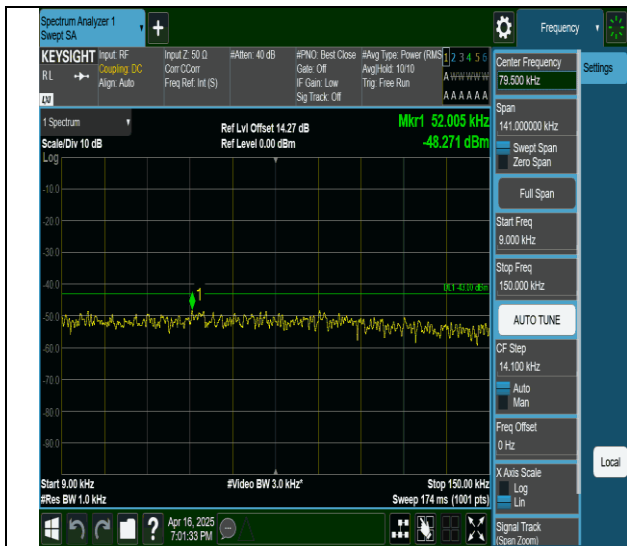
2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-
30~1000MHz-PASS



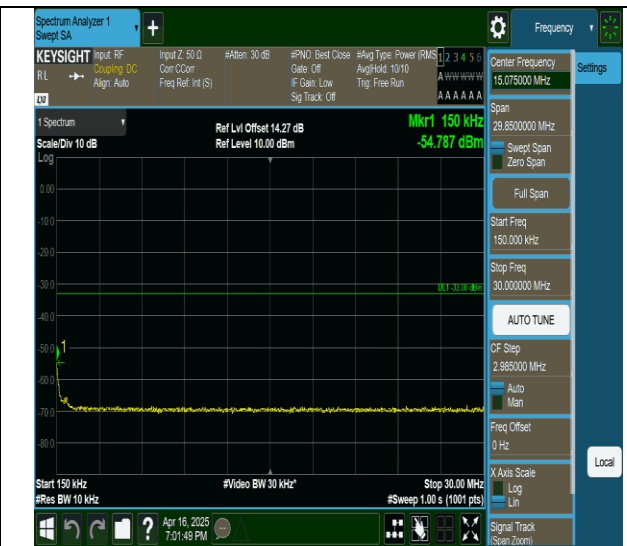
2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-
1000~3000MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18801-18999-1RB#0-0RB#0-
3000~20000MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-
0.009~0.15MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-
0.15~30MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-
30~1000MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-
1000~3000MHz-PASS



2-2-20MHz-20MHz-QPSK-QPSK-18902-19100-1RB#0-0RB#0-
3000~20000MHz-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VN	NT	34.60	0.018502	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VL	NT	32.30	0.017272	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VH	NT	34.40	0.018395	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-30	34.20	0.018288	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-20	33.70	0.018020	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-10	32.40	0.017325	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	0	32.80	0.017539	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	10	32.90	0.017593	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	20	31.40	0.016791	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	30	28.70	0.015347	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	40	31.90	0.017058	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	50	32.70	0.017486	PASS

~The End~