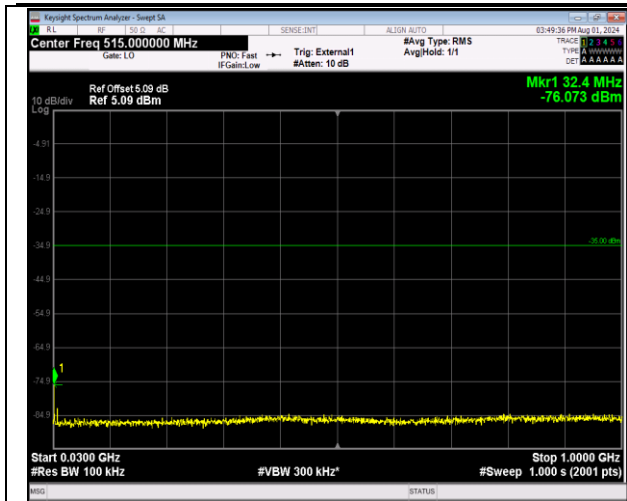
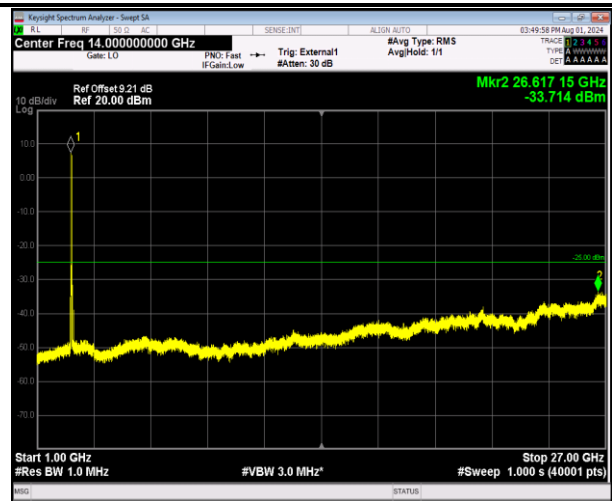
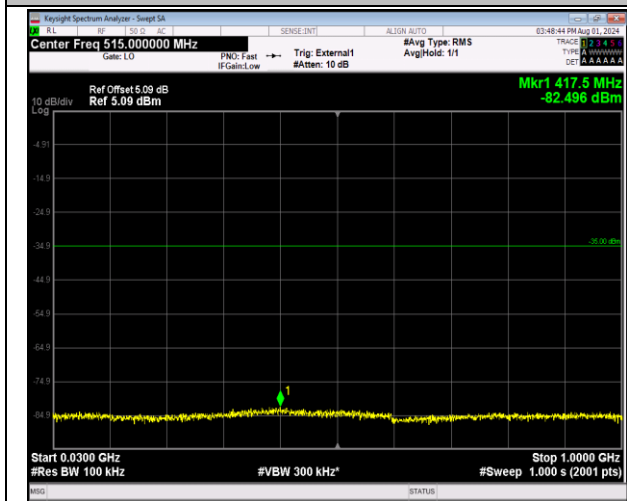




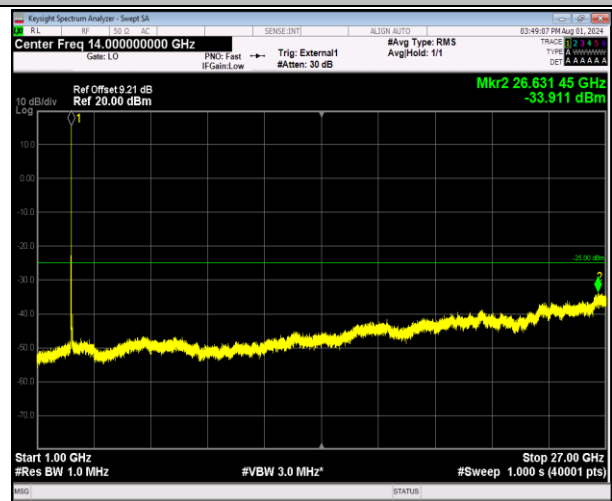
41-41-20MHz-20MHz-64QAM-64QAM-40340-40538-1RB
#0-1RB#99-30~1000MHz-PASS



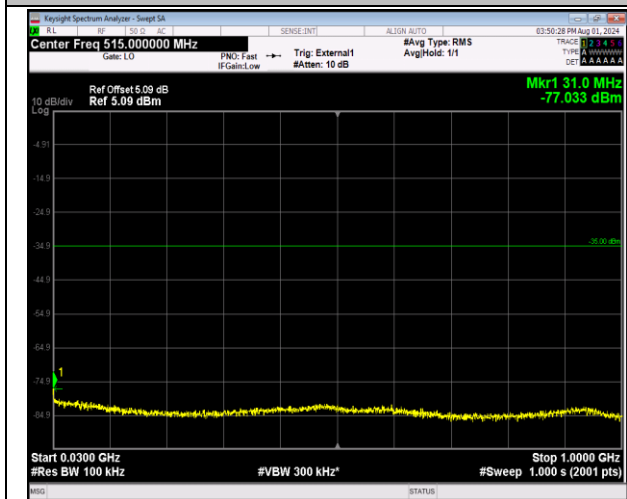
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-1RB#99-1000~27000MHz-PASS



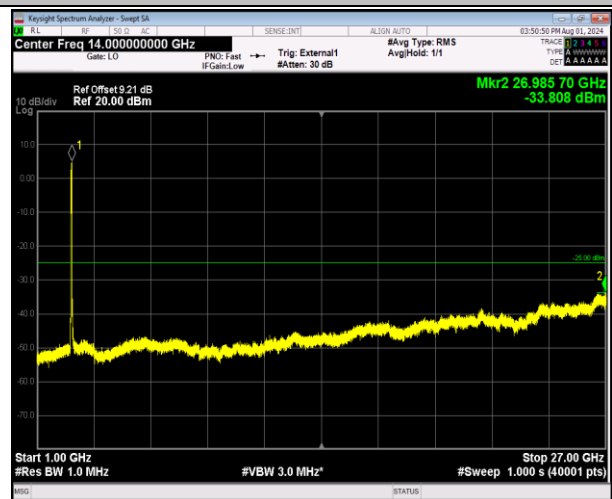
41-41-20MHz-20MHz-64QAM-64QAM-40340-40538-1RB
#99-0RB#0-30~1000MHz-PASS



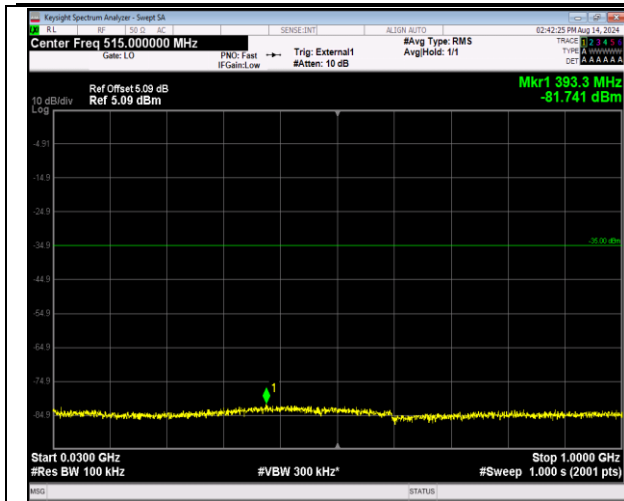
41-41-20MHz-20MHz-64QAM-64QAM-40340-40538-1RB#9
9-0RB#0-1000~27000MHz-PASS



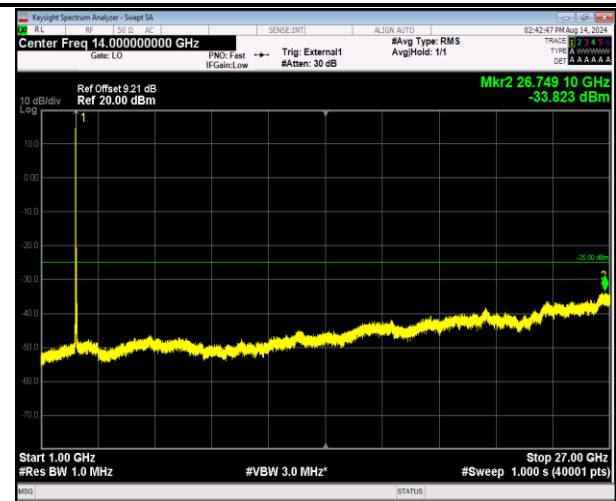
41-41-20MHz-20MHz-64QAM-64QAM-40340-40538-100
RB#0-100RB#0-30~1000MHz-PASS



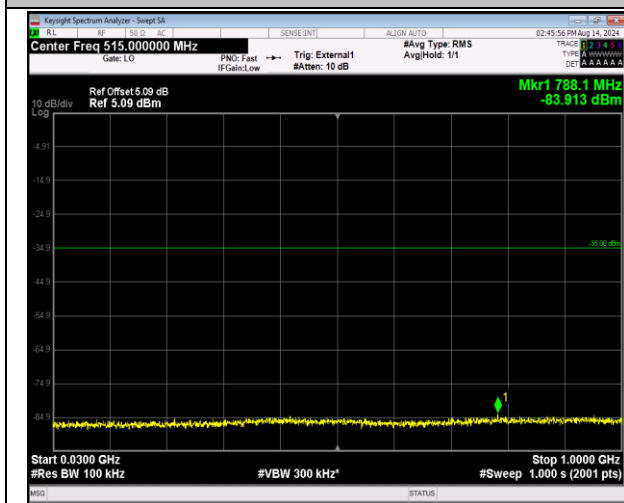
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#0-100RB#0-1000~27000MHz-PASS



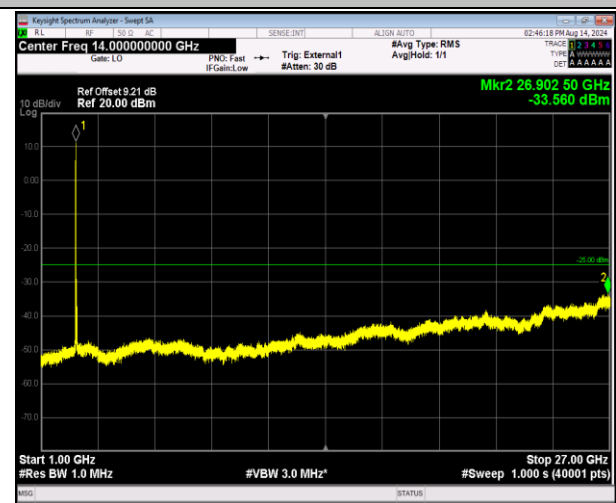
41-41-20MHz-20MHz-QPSK-QPSK-40641-40839-1RB#0
-ORB#0-30~1000MHz-PASS



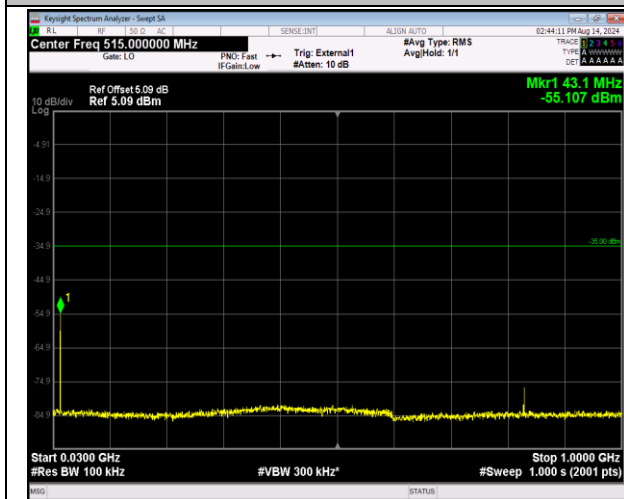
41-41-20MHz-20MHz-QPSK-QPSK-40641-40839-1RB#0-0
RB#0-1000~27000MHz-PASS



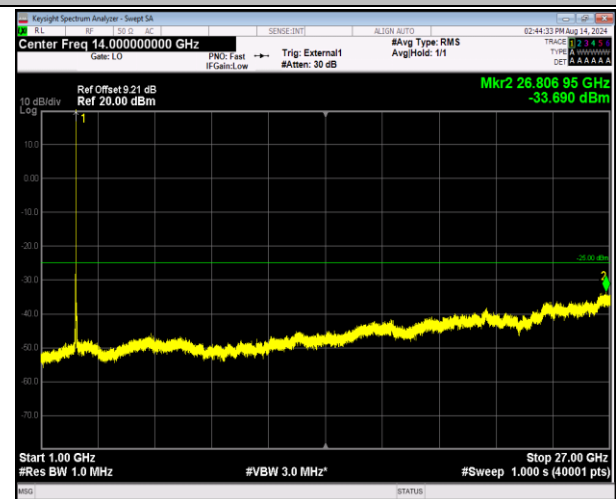
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-1RB#99-30~1000MHz-PASS



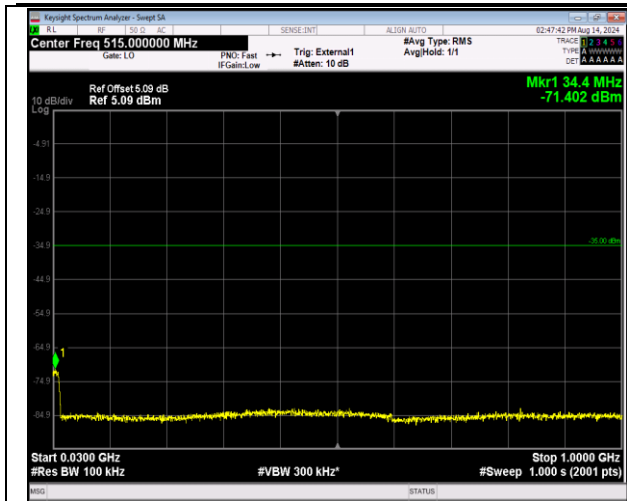
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RB#99-1000~27000MHz-PASS



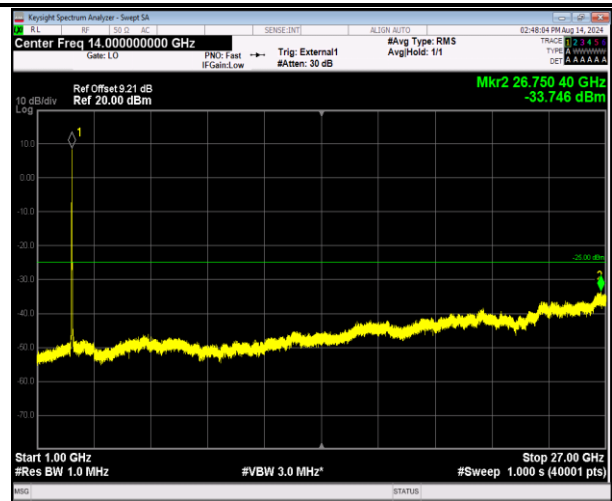
41-41-20MHz-20MHz-QPSK-QPSK-40641-40839-1RB#99
9-ORB#0-30~1000MHz-PASS



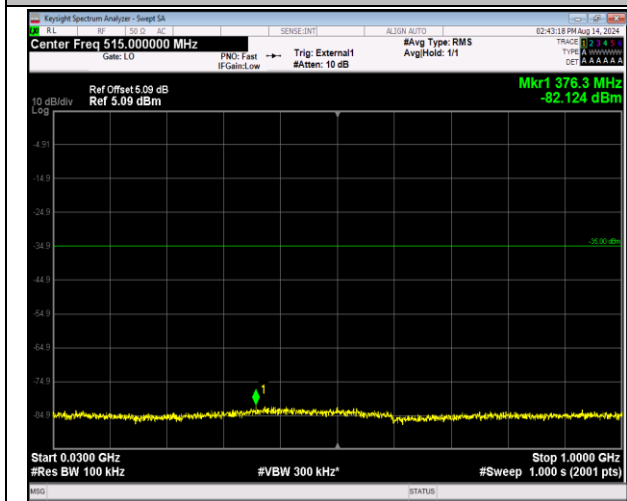
41-41-20MHz-20MHz-QPSK-QPSK-40641-40839-1RB#99-
ORB#0-1000~27000MHz-PASS



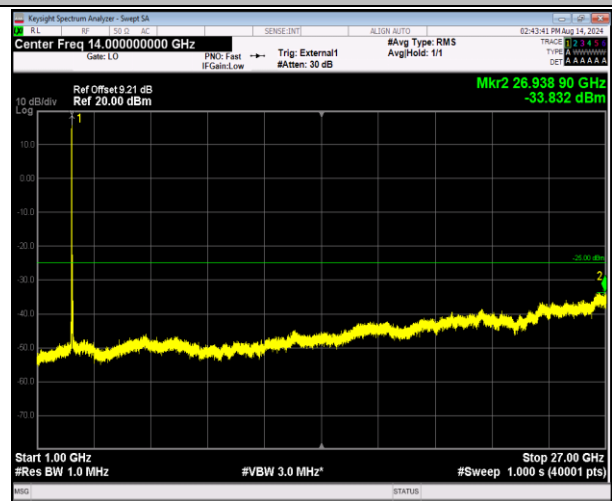
41-41-20MHz-20MHz-QPSK-QPSK-40641-40839-100RB
#0-100RB#0-30~1000MHz-PASS



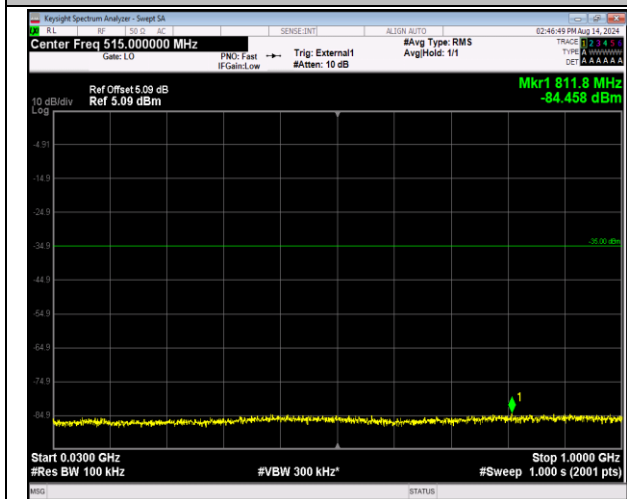
41-41-20MHz-20MHz-QPSK-QPSK-40641-40839-100RB#0
-100RB#0-1000~27000MHz-PASS



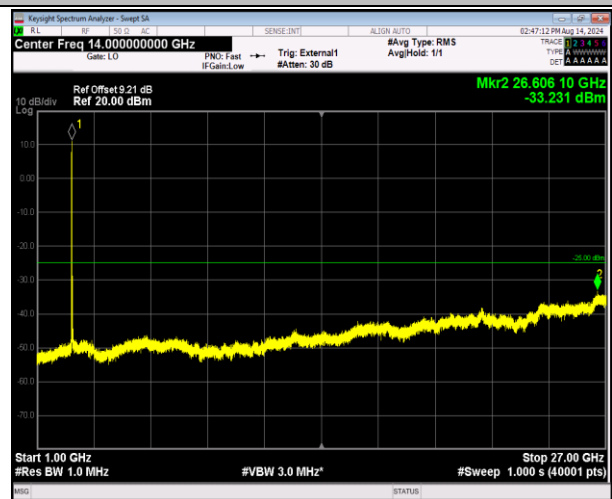
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-1RB
#0-0RB#0-30~1000MHz-PASS



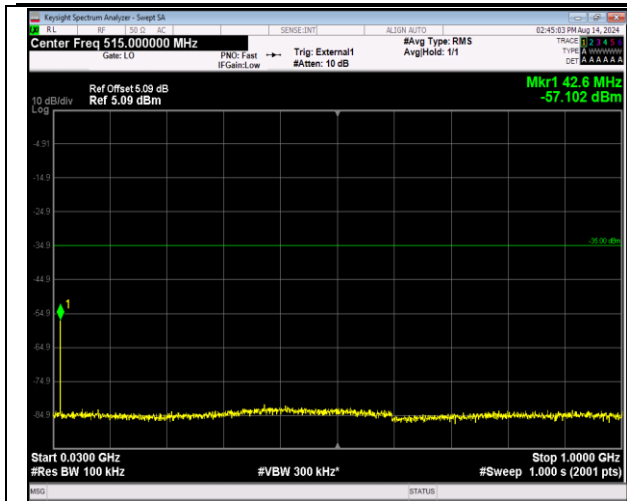
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-1RB#0
-0RB#0-1000~27000MHz-PASS



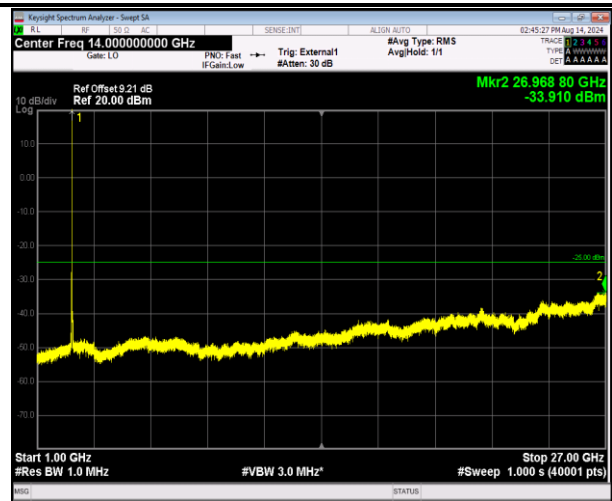
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-1RB
#0-1RB#99-30~1000MHz-PASS



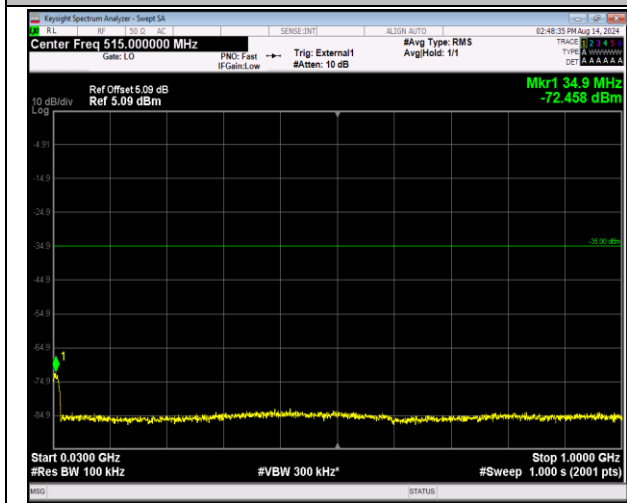
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-1RB#0
-1RB#99-1000~27000MHz-PASS



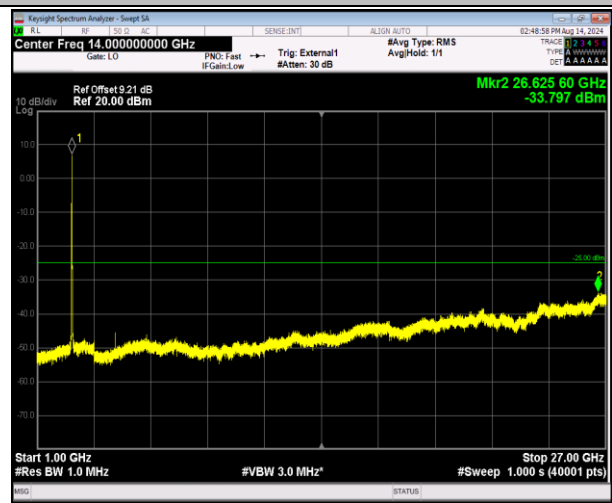
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-1RB
#99-ORB#0-30~1000MHz-PASS



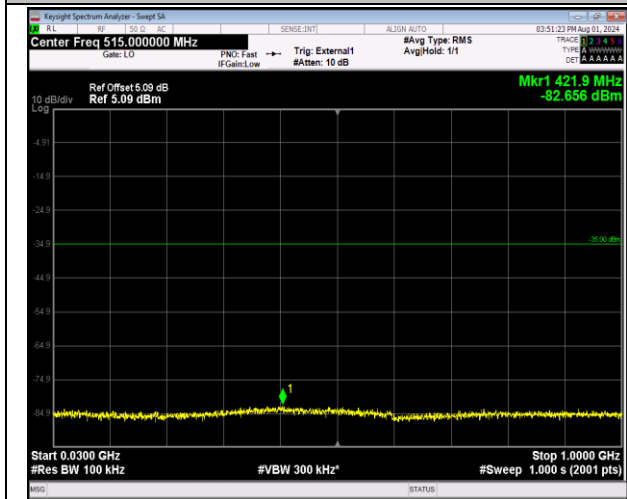
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-1RB#9
9-ORB#0-1000~27000MHz-PASS



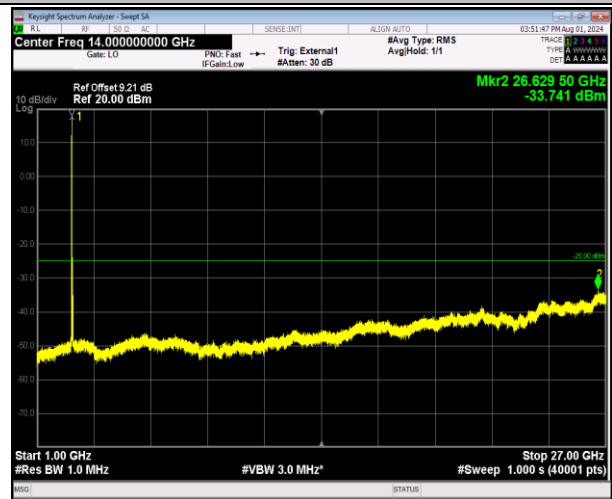
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-100RB
RB#0-100RB#0-30~1000MHz-PASS



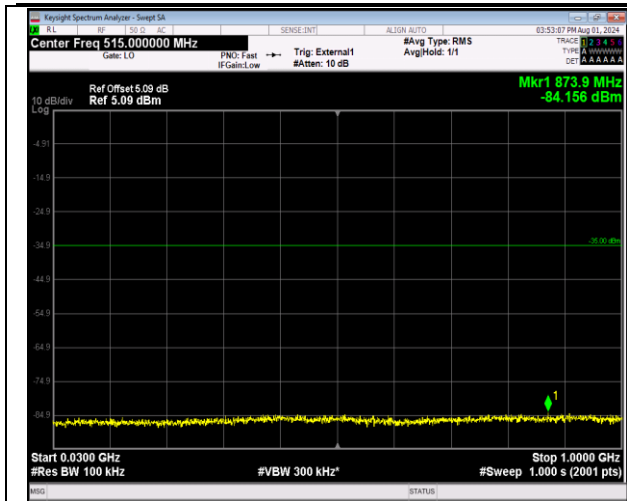
41-41-20MHz-20MHz-16QAM-16QAM-40641-40839-100RB
#0-100RB#0-1000~27000MHz-PASS



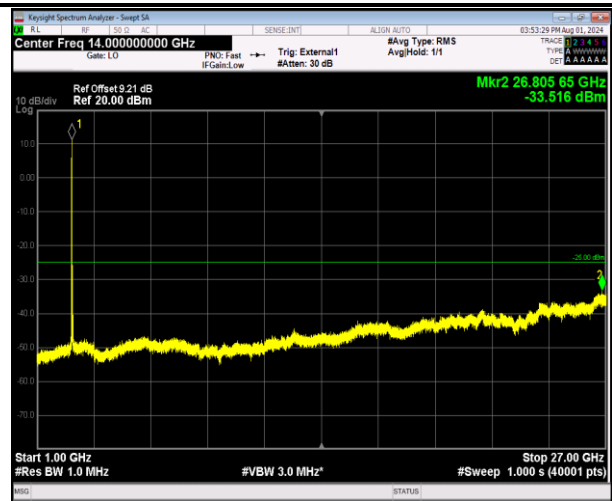
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-1RB
#0-ORB#0-30~1000MHz-PASS



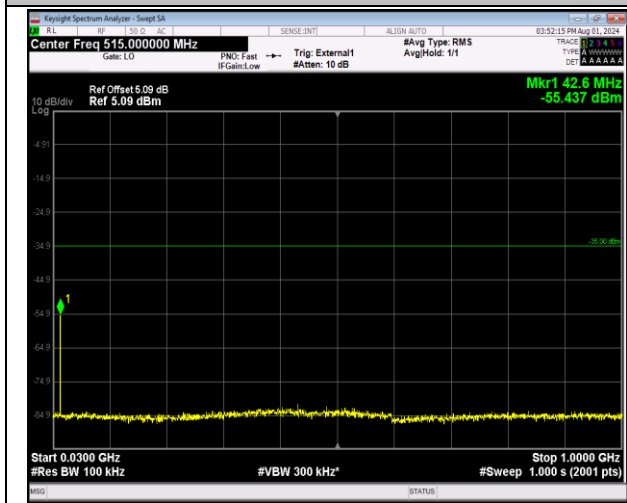
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-1RB#0
-ORB#0-1000~27000MHz-PASS



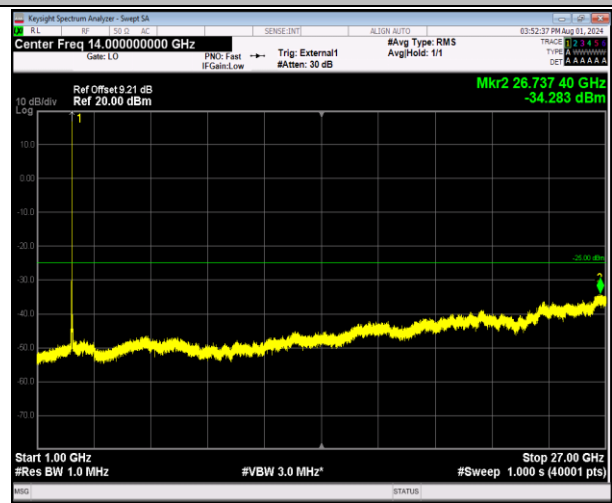
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-1RB
#0-1RB#99-30~1000MHz-PASS



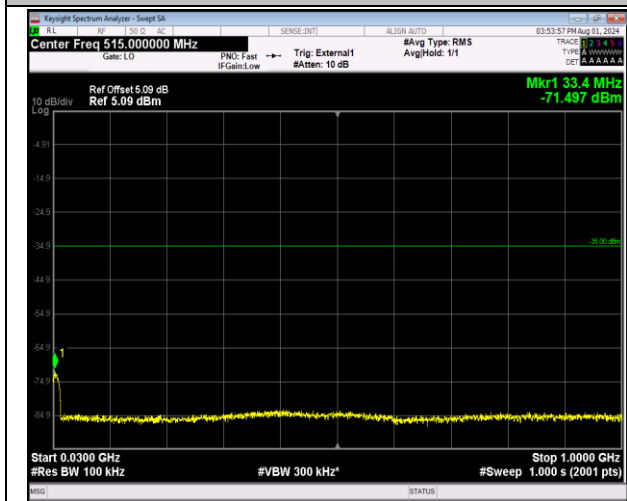
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-1RB#0
-1RB#99-1000~27000MHz-PASS



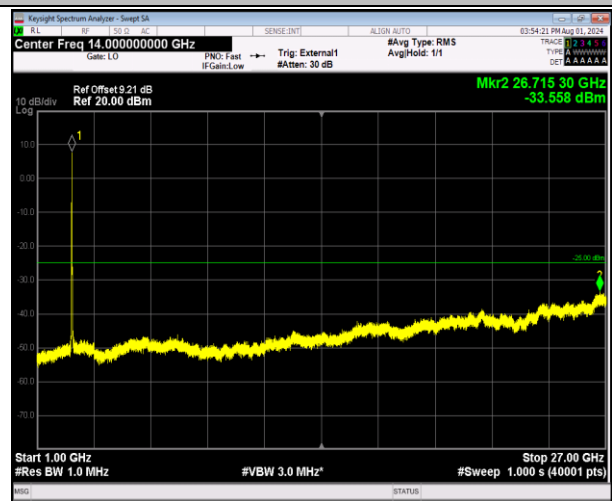
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-1RB
#99-0RB#0-30~1000MHz-PASS



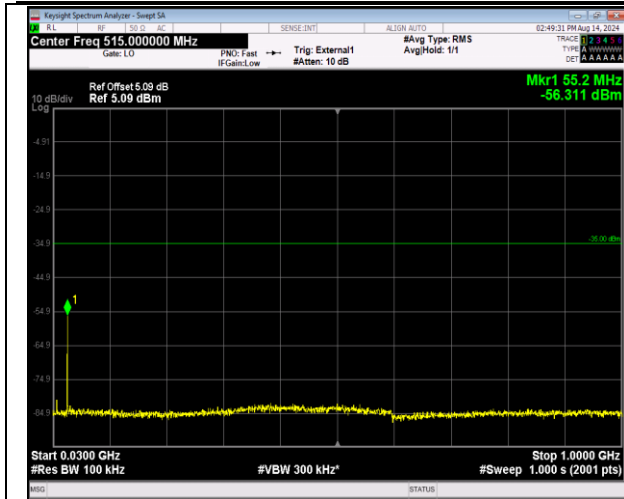
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-1RB#9
9-0RB#0-1000~27000MHz-PASS



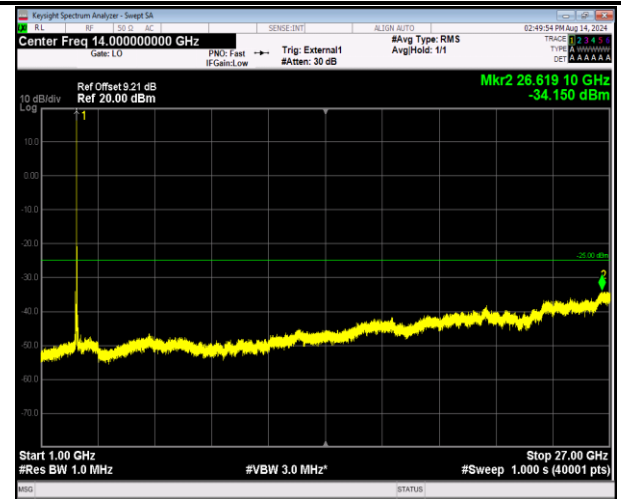
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-100
RB#0-100RB#0-30~1000MHz-PASS



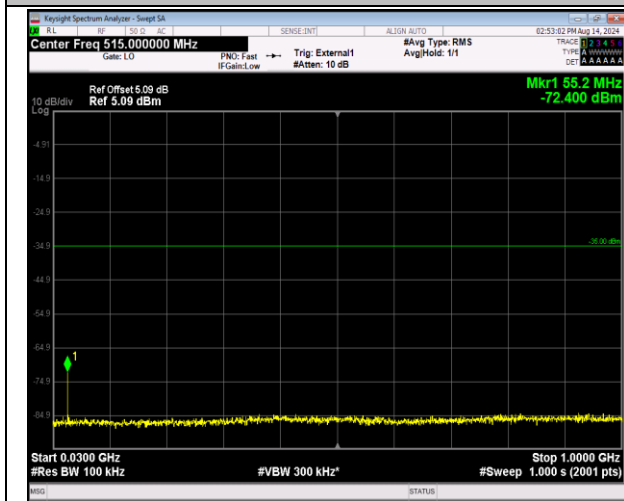
41-41-20MHz-20MHz-64QAM-64QAM-40641-40839-100RB
#0-100RB#0-1000~27000MHz-PASS



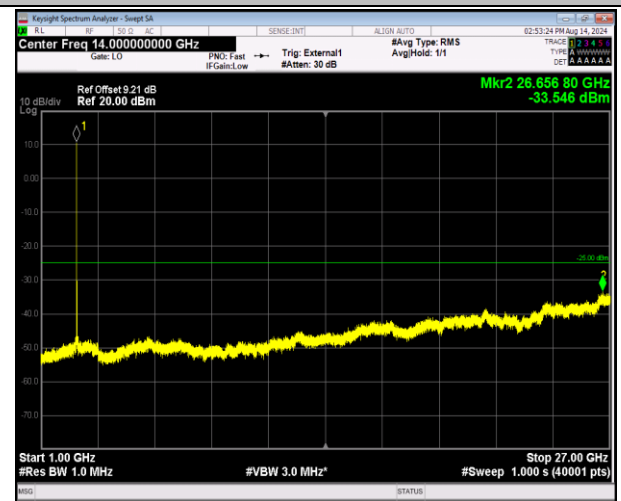
41-41-20MHz-20MHz-QPSK-QPSK-40942-41140-1RB#0
-ORB#0-30~1000MHz-PASS



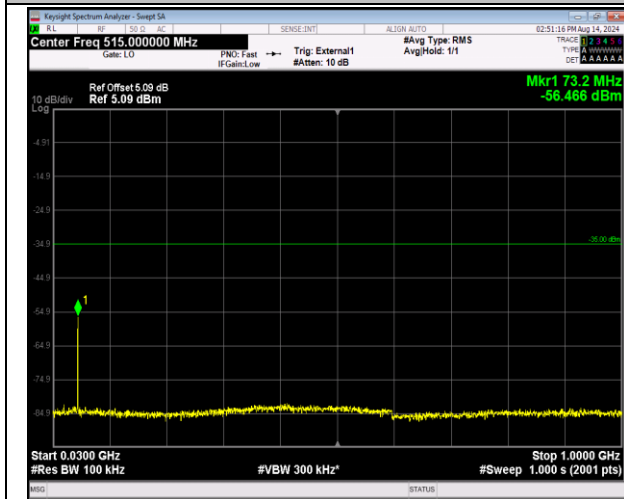
41-41-20MHz-20MHz-QPSK-QPSK-40942-41140-1RB#0-0
RB#0-1000~27000MHz-PASS



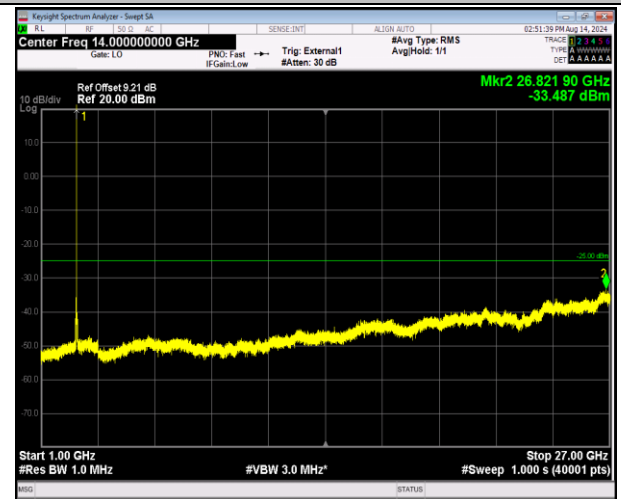
41-41-20MHz-20MHz-QPSK-QPSK-40942-41140-1RB#0
-1RB#99-30~1000MHz-PASS



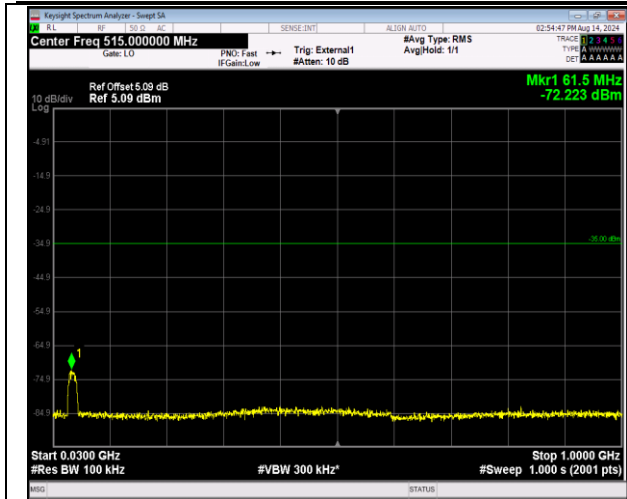
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RB#99-1000~27000MHz-PASS



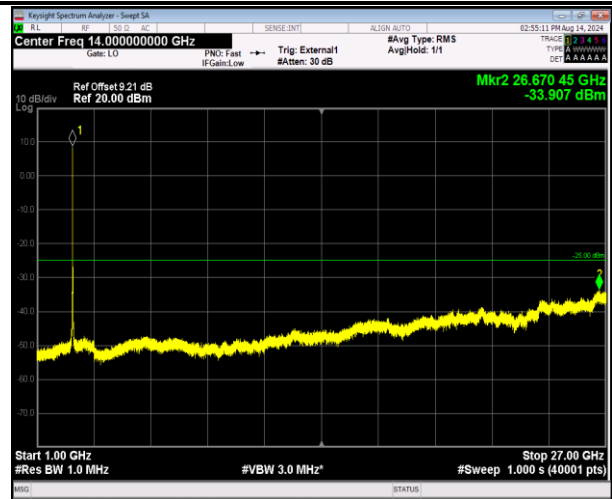
41-41-20MHz-20MHz-QPSK-QPSK-40942-41140-1RB#9
9-ORB#0-30~1000MHz-PASS



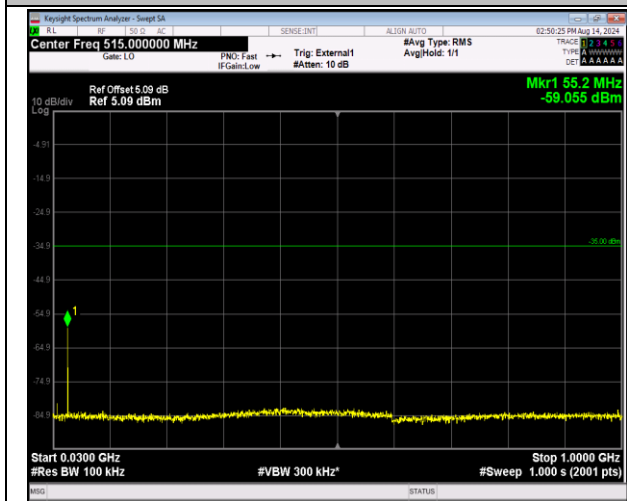
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ORB#0-1000~27000MHz-PASS



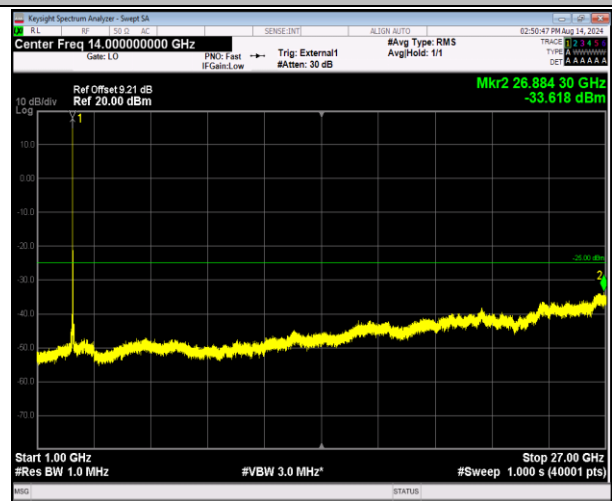
41-41-20MHz-20MHz-QPSK-QPSK-40942-41140-100RB
#0-100RB#0-30~1000MHz-PASS



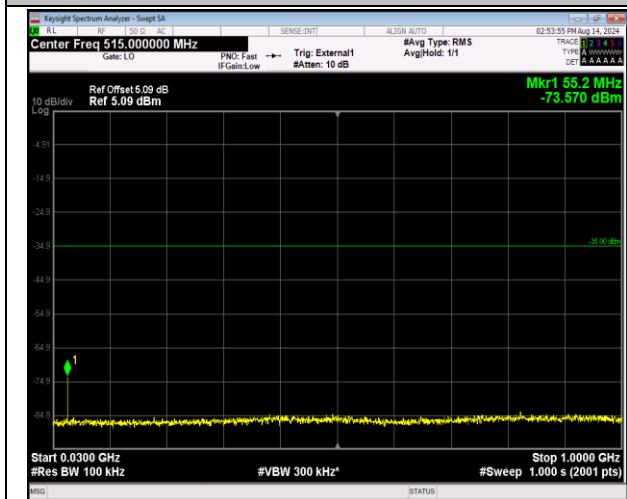
41-41-20MHz-20MHz-QPSK-QPSK-40942-41140-100RB#0
-100RB#0-1000~27000MHz-PASS



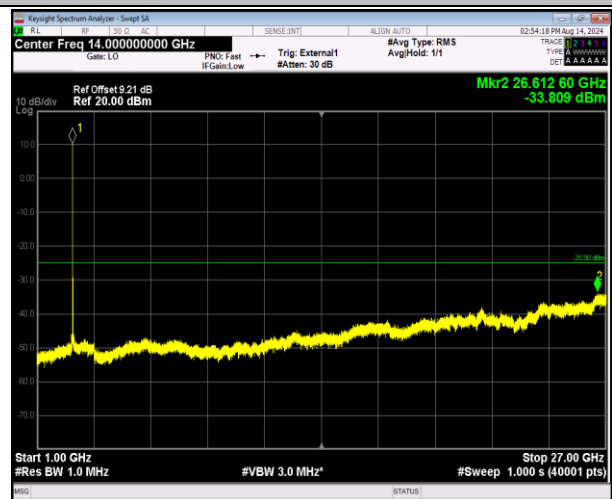
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-1RB
#0-0RB#0-30~1000MHz-PASS



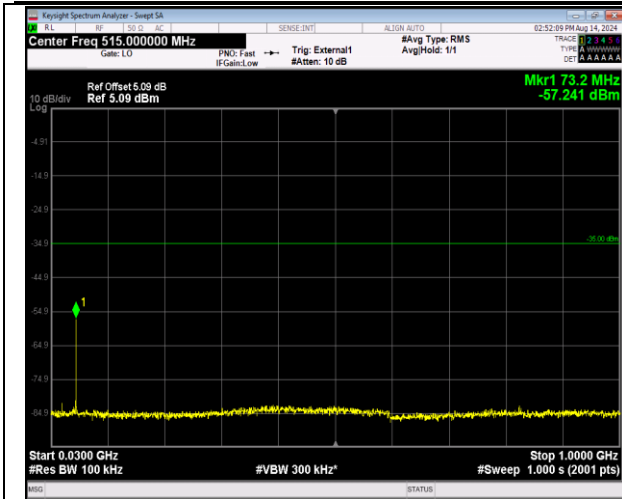
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-1RB#0
-0RB#0-1000~27000MHz-PASS



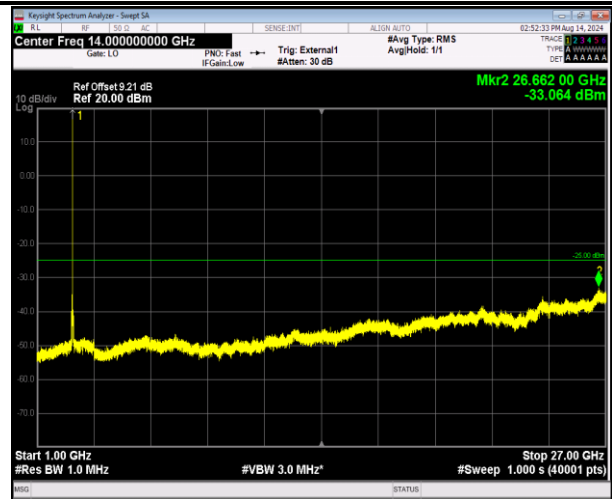
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-1RB
#0-1RB#99-30~1000MHz-PASS



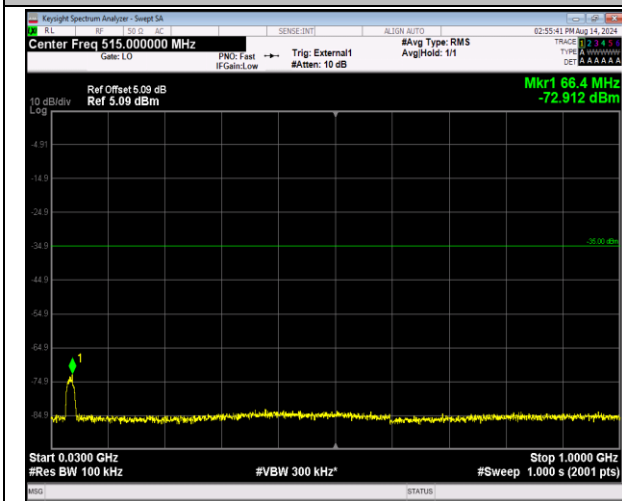
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-1RB#0
-1RB#99-1000~27000MHz-PASS



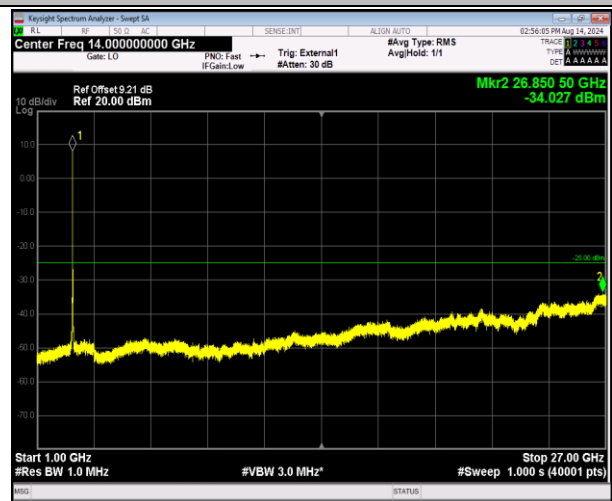
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-1RB
#99-0RB#0-30~1000MHz-PASS



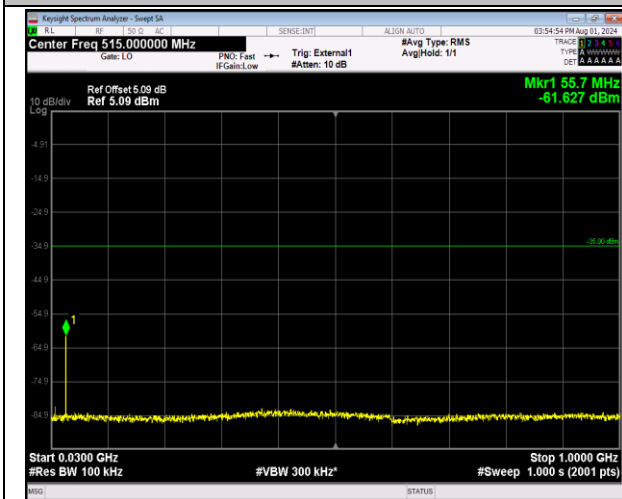
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-1RB#9
9-0RB#0-1000~27000MHz-PASS



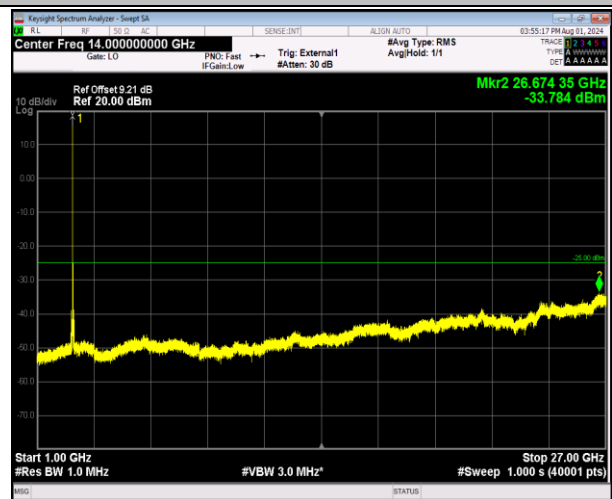
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-100RB
RB#0-100RB#0-30~1000MHz-PASS



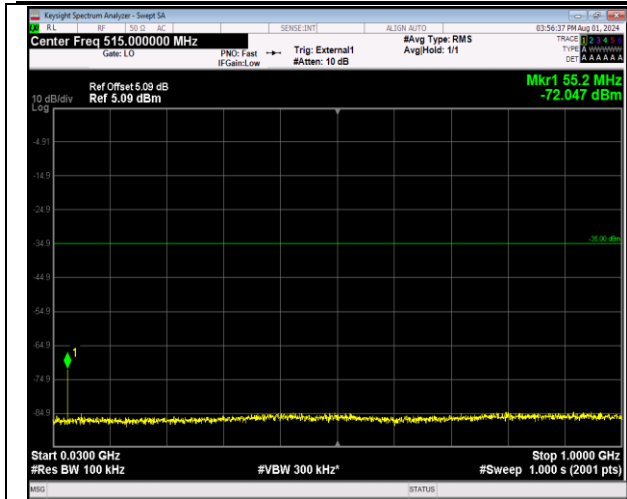
41-41-20MHz-20MHz-16QAM-16QAM-40942-41140-100RB
#0-100RB#0-1000~27000MHz-PASS



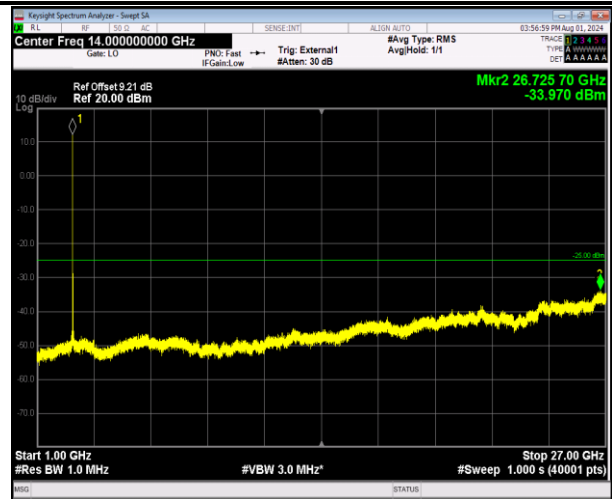
41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-1RB
#0-0RB#0-30~1000MHz-PASS



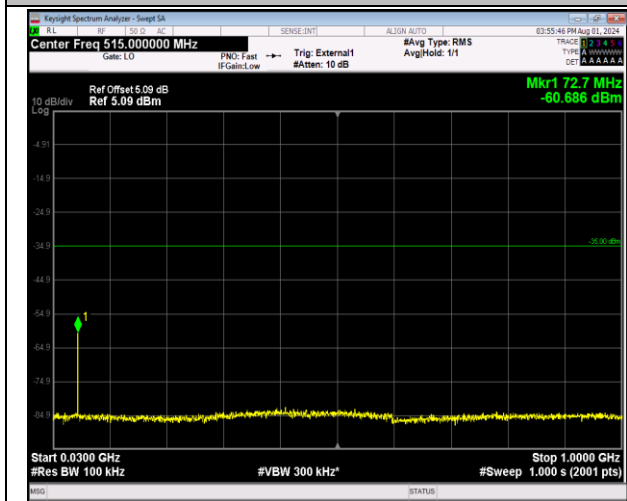
41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-1RB#0
-0RB#0-1000~27000MHz-PASS



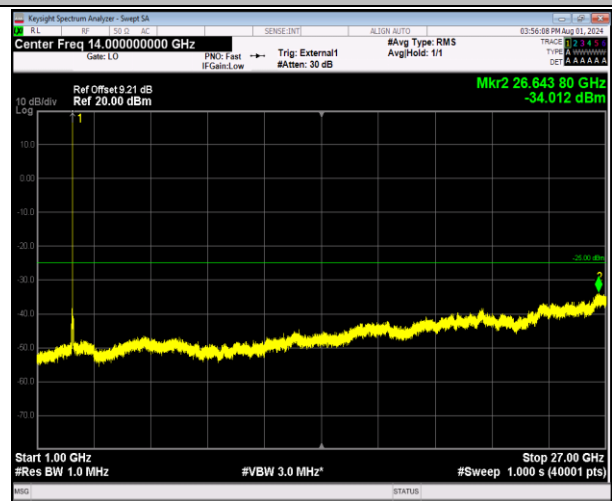
41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-1RB
#0-1RB#99-30~1000MHz-PASS



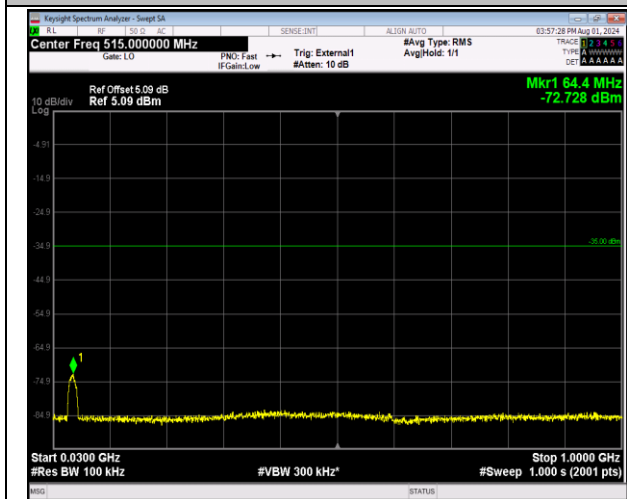
41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-1RB#0
-1RB#99-1000~27000MHz-PASS



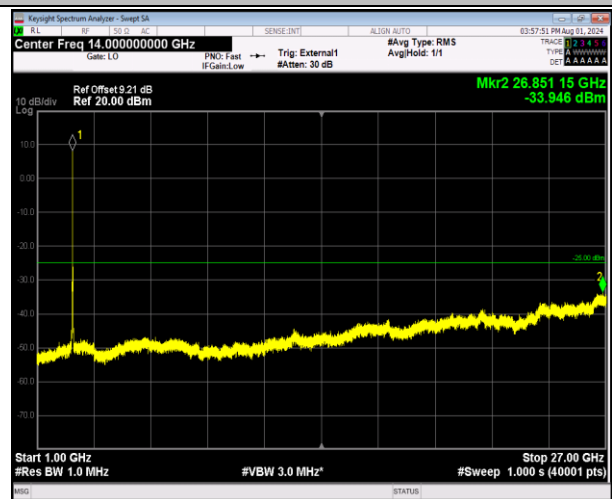
41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-1RB
#99-0RB#0-30~1000MHz-PASS



41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-1RB#9
9-0RB#0-1000~27000MHz-PASS



41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-100
RB#0-100RB#0-30~1000MHz-PASS



41-41-20MHz-20MHz-64QAM-64QAM-40942-41140-100RB
#0-100RB#0-1000~27000MHz-PASS

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VN	NT	640.00	0.340426	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VL	NT	-7510.00	-3.994681	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VH	NT	11320.00	6.021277	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VN	NT	5090.00	2.707447	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VL	NT	-5250.00	-2.792553	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VH	NT	9260.00	4.925532	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	VN	NT	-19710.00	-10.484043	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	VL	NT	-6570.00	-3.494681	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	VH	NT	-34790.00	-18.505319	±NA	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VN	NT	2020.00	2.414679	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VL	NT	1370.00	1.637679	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VH	NT	1100.00	1.314924	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	VN	NT	720.00	0.860678	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	VL	NT	1970.00	2.354910	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	VH	NT	830.00	0.992170	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	VN	NT	1810.00	2.163648	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	VL	NT	-1860.00	-2.223418	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	VH	NT	1480.00	1.769171	±2.5	PASS

	10MHz	64QAM	20575	RB#0						
7-7	20MHz- 20MHz	QPSK-Q PSK	21001- 21199	100RB#0-1 00RB#0	VN	NT	-9970.00	-3.932939	±NA	PASS
7-7	20MHz- 20MHz	QPSK-Q PSK	21001- 21199	100RB#0-1 00RB#0	VL	NT	-12920.00	-5.096647	±NA	PASS
7-7	20MHz- 20MHz	QPSK-Q PSK	21001- 21199	100RB#0-1 00RB#0	VH	NT	-18750.00	-7.396450	±NA	PASS
7-7	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0-1 00RB#0	VN	NT	-5950.00	-2.347140	±NA	PASS
7-7	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0-1 00RB#0	VL	NT	-980.00	-0.386588	±NA	PASS
7-7	20MHz- 20MHz	16QAM- 16QAM	21001- 21199	100RB#0-1 00RB#0	VH	NT	-10790.00	-4.256410	±NA	PASS
7-7	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0-1 00RB#0	VN	NT	-31660.00	-12.489152	±NA	PASS
7-7	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0-1 00RB#0	VL	NT	-37680.00	-14.863905	±NA	PASS
7-7	20MHz- 20MHz	64QAM- 64QAM	21001- 21199	100RB#0-1 00RB#0	VH	NT	-61570.00	-24.287968	±NA	PASS
41-41	20MHz- 20MHz	QPSK-Q PSK	40641- 40839	100RB#0-1 00RB#0	VN	NT	-15790.00	-6.061420	±NA	PASS
41-41	20MHz- 20MHz	QPSK-Q PSK	40641- 40839	100RB#0-1 00RB#0	VL	NT	-17240.00	-6.618042	±NA	PASS
41-41	20MHz- 20MHz	QPSK-Q PSK	40641- 40839	100RB#0-1 00RB#0	VH	NT	-19600.00	-7.523992	±NA	PASS
41-41	20MHz- 20MHz	16QAM- 16QAM	40641- 40839	100RB#0-1 00RB#0	VN	NT	-25740.00	-9.880998	±NA	PASS
41-41	20MHz- 20MHz	16QAM- 16QAM	40641- 40839	100RB#0-1 00RB#0	VL	NT	-51730.00	-19.857965	±NA	PASS
41-41	20MHz- 20MHz	16QAM- 16QAM	40641- 40839	100RB#0-1 00RB#0	VH	NT	-27220.00	-10.449136	±NA	PASS
41-41	20MHz- 20MHz	64QAM- 64QAM	40641- 40839	100RB#0-1 00RB#0	VN	NT	-7630.00	-2.928983	±NA	PASS
41-41	20MHz- 20MHz	64QAM- 64QAM	40641- 40839	100RB#0-1 00RB#0	VL	NT	-18280.00	-7.017274	±NA	PASS
41-41	20MHz- 20MHz	64QAM- 64QAM	40641- 40839	100RB#0-1 00RB#0	VH	NT	-21350.00	-8.195777	±NA	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-30	-3500.00	-1.861702	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-20	-2670.00	-1.420213	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	-10	12600.00	6.702128	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	0	1090.00	0.579787	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	10	-8790.00	-4.675532	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	20	7050.00	3.750000	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	30	-2710.00	-1.441489	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	40	-5240.00	-2.787234	±NA	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	NV	50	-6890.00	-3.664894	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	-30	-3220.00	-1.712766	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	-20	-750.00	-0.398936	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	-10	8610.00	4.579787	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	0	5480.00	2.914894	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	10	13800.00	7.340426	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	20	-11590.00	-6.164894	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	30	2940.00	1.563830	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	40	5390.00	2.867021	±NA	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	NV	50	-6970.00	-3.707447	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	-30	-7730.00	-4.111702	±NA	PASS

2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	-20	-21080.00	-11.212766	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	-10	-24780.00	-13.180851	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	0	-18850.00	-10.026596	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	10	-21290.00	-11.324468	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	20	-22770.00	-12.111702	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	30	-31130.00	-16.558511	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	40	2880.00	1.531915	±NA	PASS
2-2	20MHz-20MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	NV	50	-6170.00	-3.281915	±NA	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	-30	1170.00	1.398601	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	-20	1080.00	1.291017	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	-10	480.00	0.573785	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	0	850.00	1.016078	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	10	1630.00	1.948479	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	20	720.00	0.860678	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	30	1750.00	2.091925	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	40	630.00	0.753093	±2.5	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	NV	50	1790.00	2.139741	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	-30	1170.00	1.398601	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	-20	1030.00	1.231247	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	-10	830.00	0.992170	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	0	870.00	1.039986	±2.5	PASS

5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	10	1610.00	1.924571	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	20	1090.00	1.302971	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	30	540.00	0.645508	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	40	1800.00	2.151694	±2.5	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	NV	50	-360.00	-0.430339	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	-30	1550.00	1.852848	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	-20	1380.00	1.649632	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	-10	-1600.00	-1.912617	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	0	960.00	1.147570	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	10	1050.00	1.255155	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	20	810.00	0.968263	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	30	-960.00	-1.147570	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	40	790.00	0.944355	±2.5	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	NV	50	1460.00	1.745263	±2.5	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-30	-18630.00	-7.349112	±NA	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-20	-18550.00	-7.317554	±NA	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	-10	-13170.00	-5.195266	±NA	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	0	-15160.00	-5.980276	±NA	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	10	-27070.00	-10.678501	±NA	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	20	-23460.00	-9.254438	±NA	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	30	-27100.00	-10.690335	±NA	PASS

7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	40	-14600.00	-5.759369	±NA	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	NV	50	-7690.00	-3.033531	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	-30	-7910.00	-3.120316	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	-20	1440.00	0.568047	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	-10	2620.00	1.033531	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	0	-4360.00	-1.719921	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	10	-440.00	-0.173570	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	20	-5790.00	-2.284024	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	30	-11710.00	-4.619329	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	40	-6890.00	-2.717949	±NA	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	NV	50	-7830.00	-3.088757	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	-30	-50320.00	-19.850099	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	-20	-36280.00	-14.311637	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	-10	-61270.00	-24.169625	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	0	-45510.00	-17.952663	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	10	-29010.00	-11.443787	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	20	-58600.00	-23.116371	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	30	-54280.00	-21.412229	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	40	-59080.00	-23.305720	±NA	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	100RB#0-100RB#0	NV	50	-63950.00	-25.226824	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	-30	-36710.00	-14.092131	±NA	PASS

41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	-20	-30430.00	-11.681382	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	-10	-47320.00	-18.165067	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	0	-21450.00	-8.234165	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	10	-23970.00	-9.201536	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	20	-12330.00	-4.733205	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	30	-26550.00	-10.191939	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	40	-34510.00	-13.247601	±NA	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40641-40839	100RB#0-100RB#0	NV	50	-4220.00	-1.619962	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	-30	-15220.00	-5.842610	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	-20	-21760.00	-8.353167	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	-10	-35050.00	-13.454894	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	0	-24990.00	-9.593090	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	10	-16990.00	-6.522073	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	20	-45750.00	-17.562380	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	30	-31950.00	-12.264875	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	40	-34970.00	-13.424184	±NA	PASS
41-41	20MHz-20MHz	16QAM-6QAM	40641-40839	100RB#0-100RB#0	NV	50	-37800.00	-14.510557	±NA	PASS
41-41	20MHz-20MHz	64QAM-4QAM	40641-40839	100RB#0-100RB#0	NV	-30	-21490.00	-8.249520	±NA	PASS
41-41	20MHz-20MHz	64QAM-4QAM	40641-40839	100RB#0-100RB#0	NV	-20	-30420.00	-11.677543	±NA	PASS
41-41	20MHz-20MHz	64QAM-4QAM	40641-40839	100RB#0-100RB#0	NV	-10	-37720.00	-14.479846	±NA	PASS
41-41	20MHz-20MHz	64QAM-4QAM	40641-40839	100RB#0-100RB#0	NV	0	-24890.00	-9.554702	±NA	PASS

41-41	20MHz- 20MHz	64QAM-6 4QAM	40641- 40839	100RB#0-1 00RB#0	NV	10	-26960.00	-10.349328	±NA	PASS
41-41	20MHz- 20MHz	64QAM-6 4QAM	40641- 40839	100RB#0-1 00RB#0	NV	20	-25540.00	-9.804223	±NA	PASS
41-41	20MHz- 20MHz	64QAM-6 4QAM	40641- 40839	100RB#0-1 00RB#0	NV	30	-10390.00	-3.988484	±NA	PASS
41-41	20MHz- 20MHz	64QAM-6 4QAM	40641- 40839	100RB#0-1 00RB#0	NV	40	-27490.00	-10.552783	±NA	PASS
41-41	20MHz- 20MHz	64QAM-6 4QAM	40641- 40839	100RB#0-1 00RB#0	NV	50	-5790.00	-2.222649	±NA	PASS