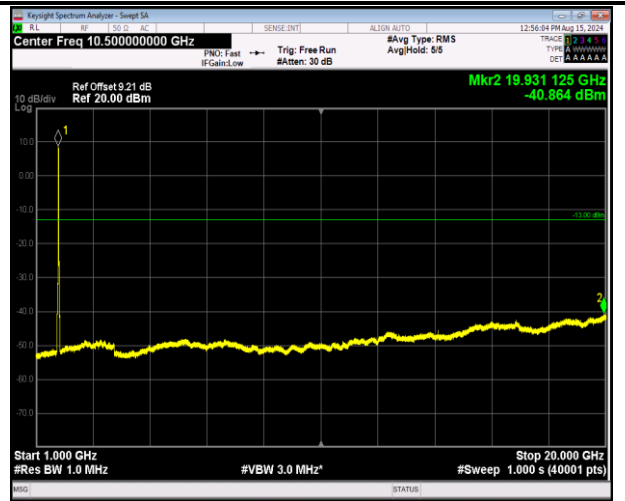
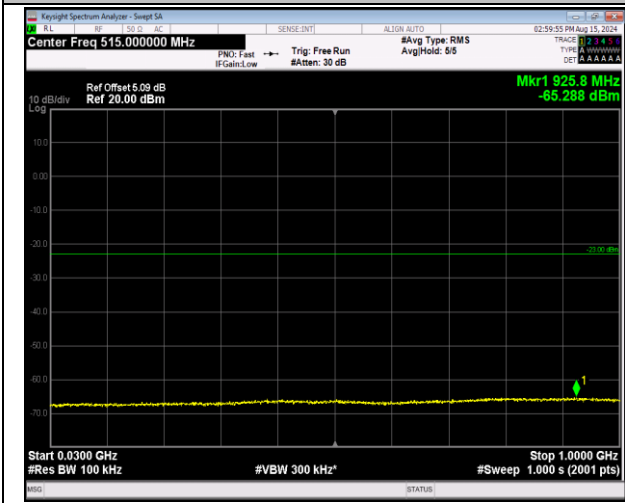


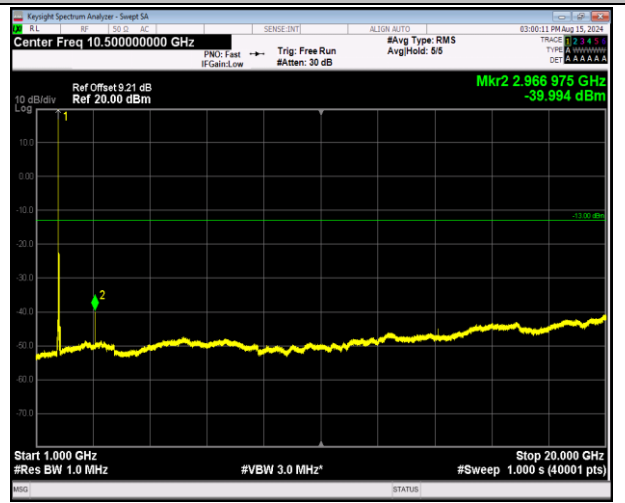
66-66-20MHz-20MHz-16QAM-16QAM-132323-132521-100RB#0-100RB#0-30~1000MHz-PASS



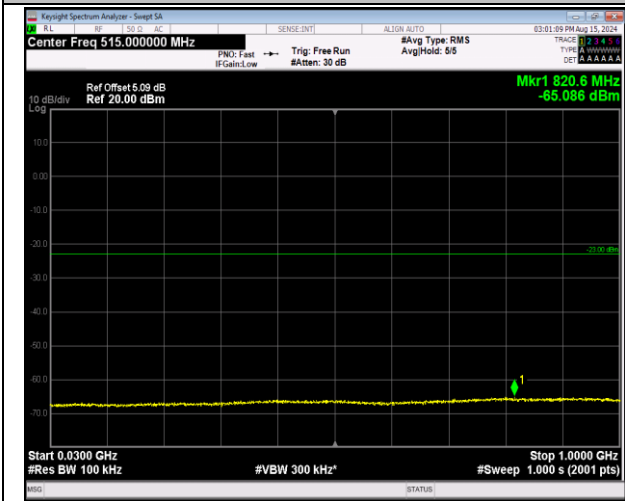
66-66-20MHz-20MHz-16QAM-16QAM-132323-132521-100RB#0-100RB#0-1000~20000MHz-PASS



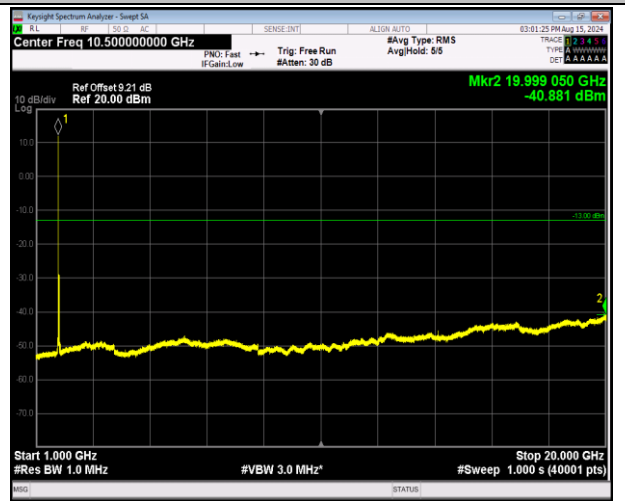
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-1RB#0-0RB#0-30~1000MHz-PASS



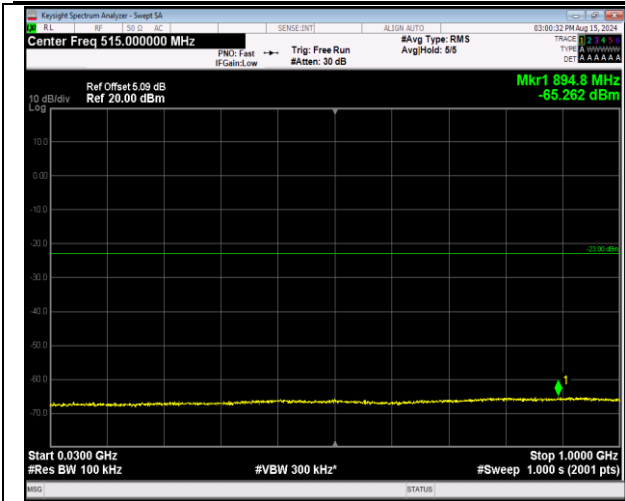
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-1RB#0-0RB#0-1000~20000MHz-PASS



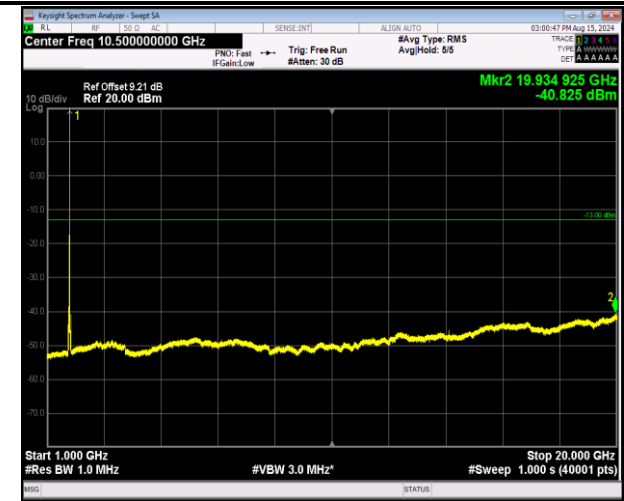
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-1RB#0-1RB#99-30~1000MHz-PASS



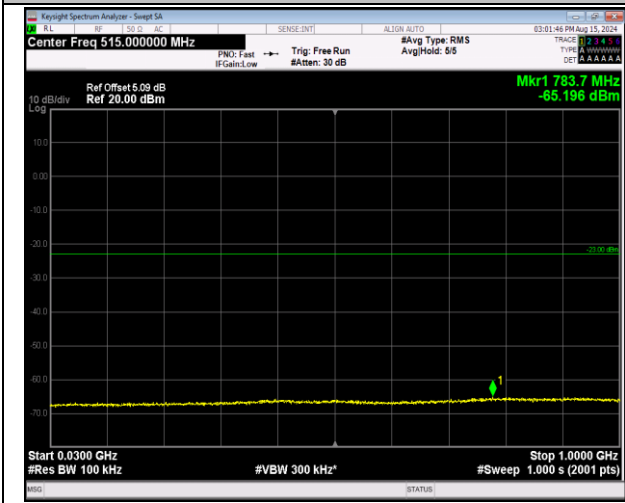
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-1RB#0-1RB#99-1000~20000MHz-PASS



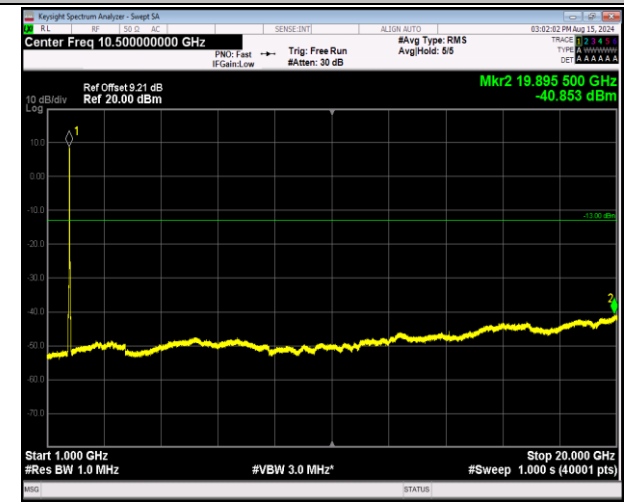
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-1
RB#99-0RB#0-30~1000MHz-PASS



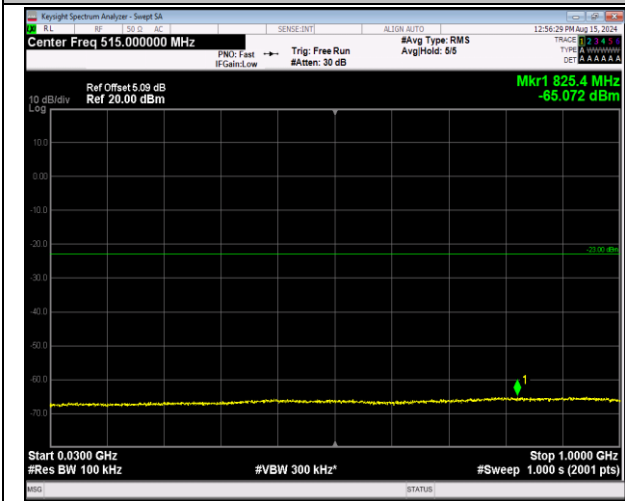
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-1RB
#99-0RB#0-1000~20000MHz-PASS



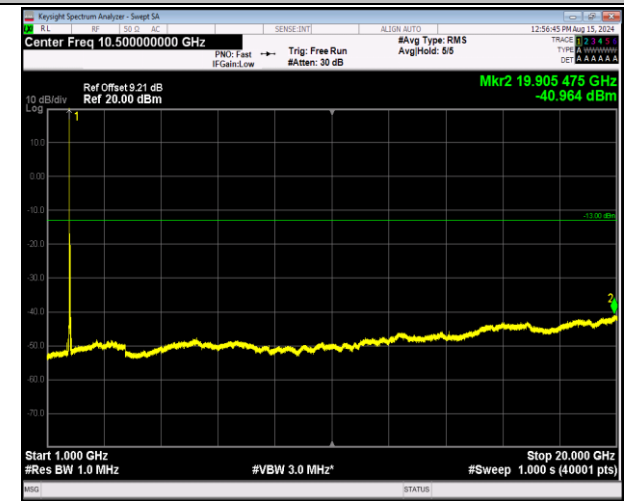
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-1
00RB#0-100RB#0-30~1000MHz-PASS



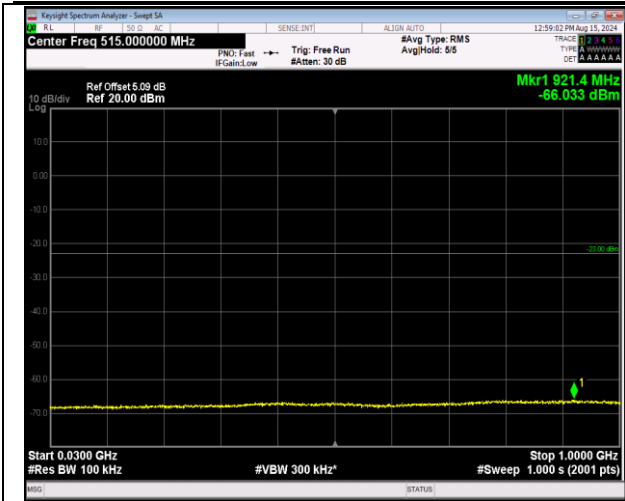
66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-100
RB#0-100RB#0-1000~20000MHz-PASS



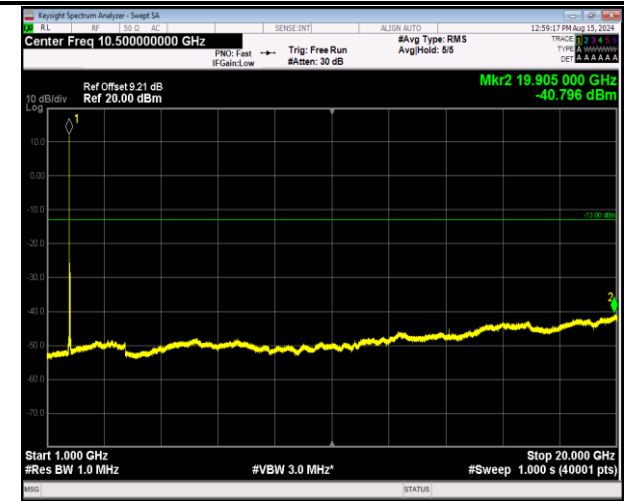
66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB
#0-0RB#0-30~1000MHz-PASS



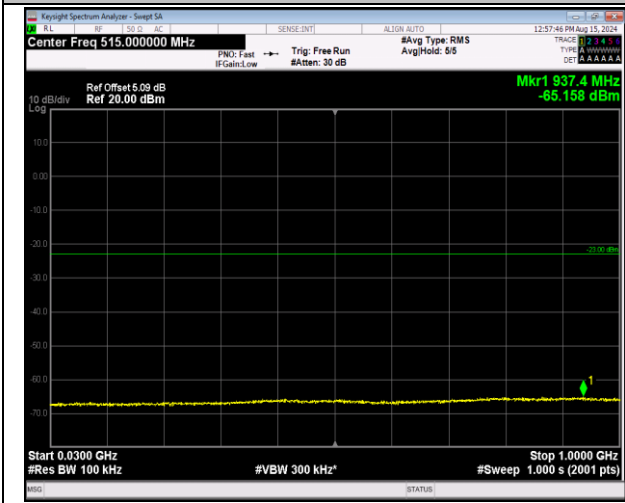
66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0
-0RB#0-1000~20000MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB
#0-1RB#99-30~1000MHz-PASS



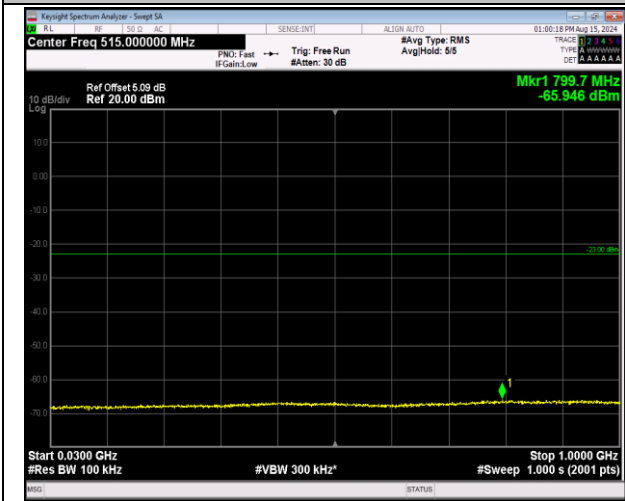
66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0
-1RB#99-1000~20000MHz-PASS



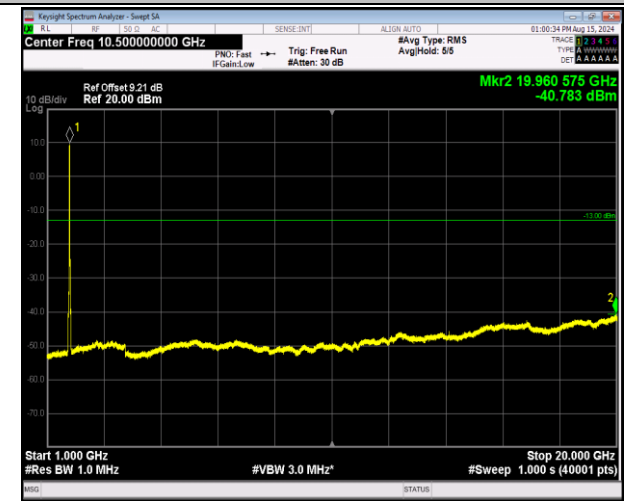
66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB
#99-0RB#0-30~1000MHz-PASS



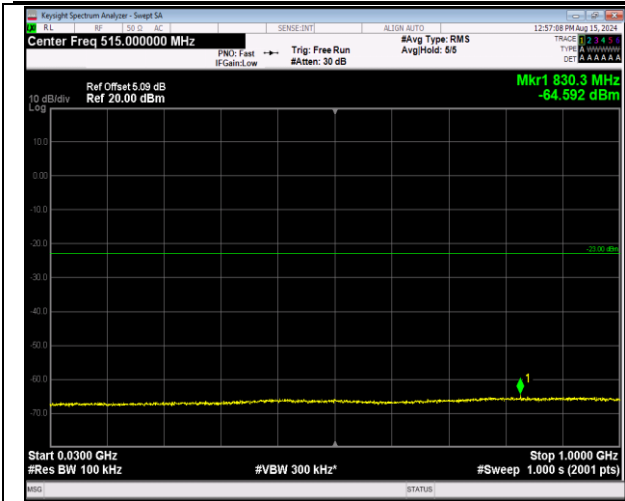
66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#9
9-0RB#0-1000~20000MHz-PASS



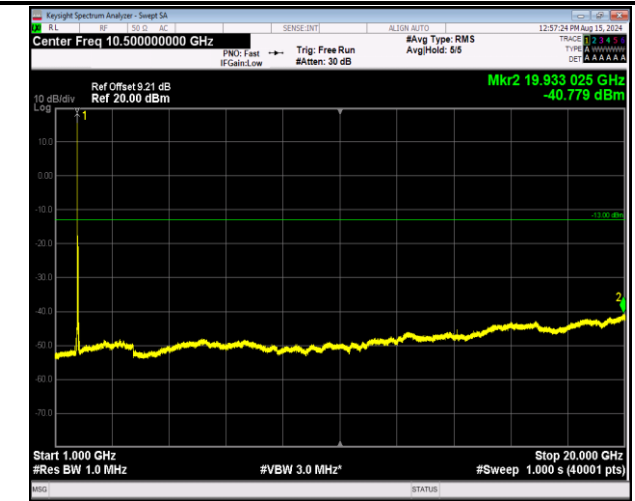
66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-100
RB#0-100RB#0-30~1000MHz-PASS



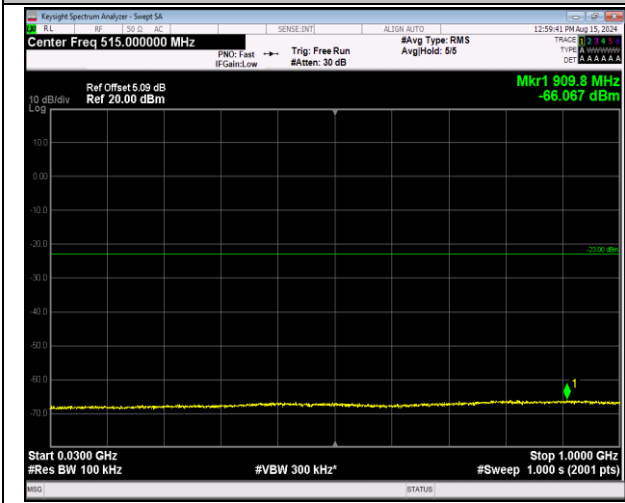
66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-100RB
#0-100RB#0-1000~20000MHz-PASS



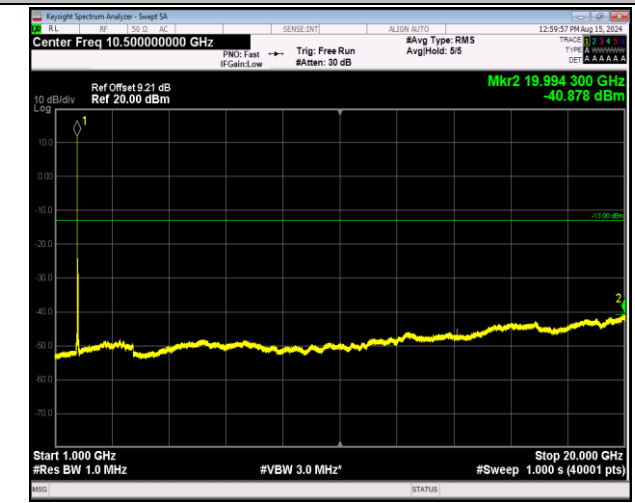
66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-1
 RB#0-ORB#0-30~1000MHz-PASS



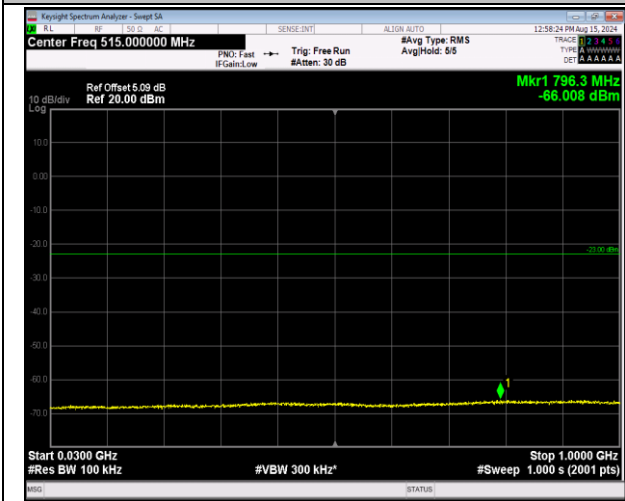
66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-1RB
 #0-ORB#0-1000~20000MHz-PASS



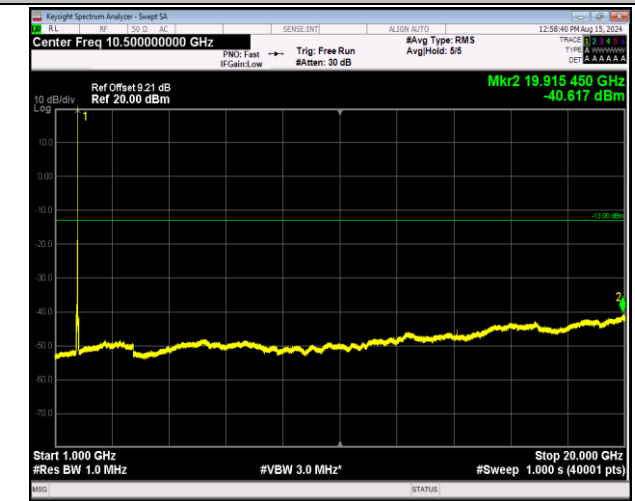
66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-1
 RB#0-1RB#99-30~1000MHz-PASS



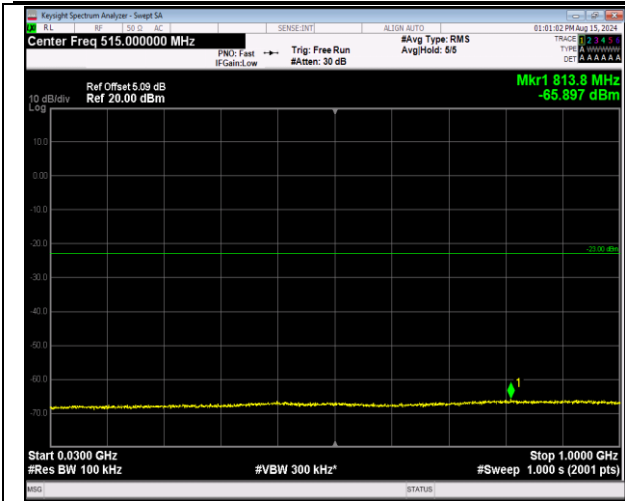
66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-1RB
 #0-1RB#99-1000~20000MHz-PASS



66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-1
 RB#99-ORB#0-30~1000MHz-PASS



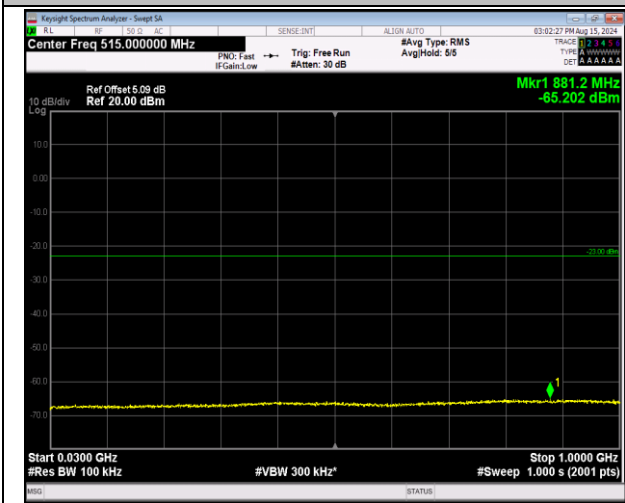
66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-1RB
 #99-ORB#0-1000~20000MHz-PASS



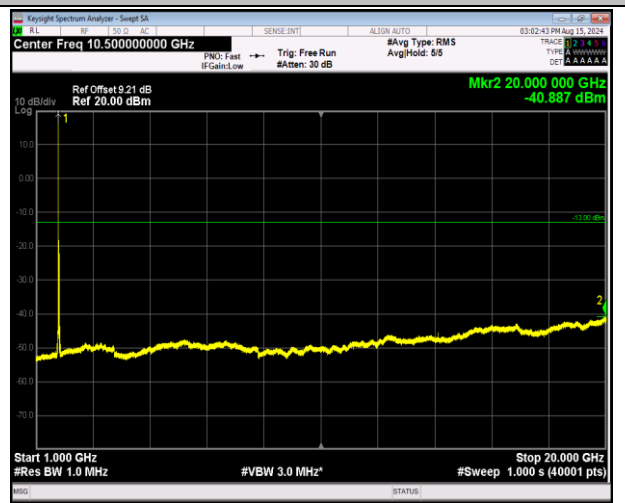
66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-1
 00RB#0-100RB#0-30~1000MHz-PASS



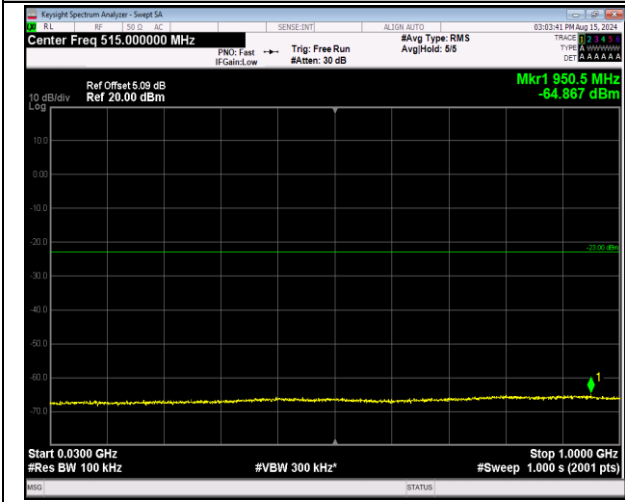
66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-100
 RB#0-100RB#0-1000~20000MHz-PASS



66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-1
 RB#0-0RB#0-30~1000MHz-PASS



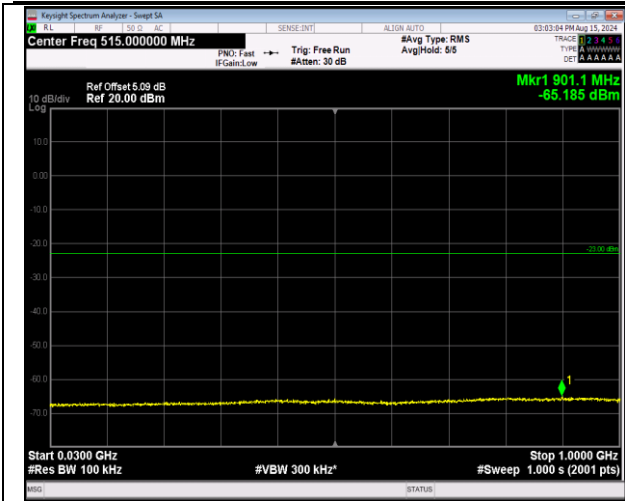
66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-1RB
 #0-0RB#0-1000~20000MHz-PASS



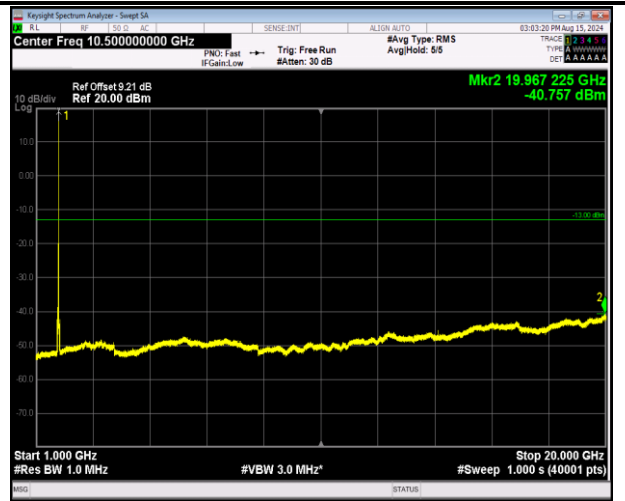
66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-1
 RB#0-1RB#99-30~1000MHz-PASS



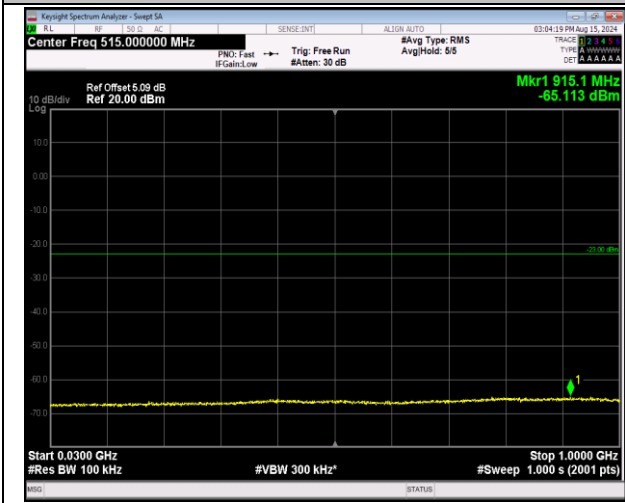
66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-1RB
 #0-1RB#99-1000~20000MHz-PASS



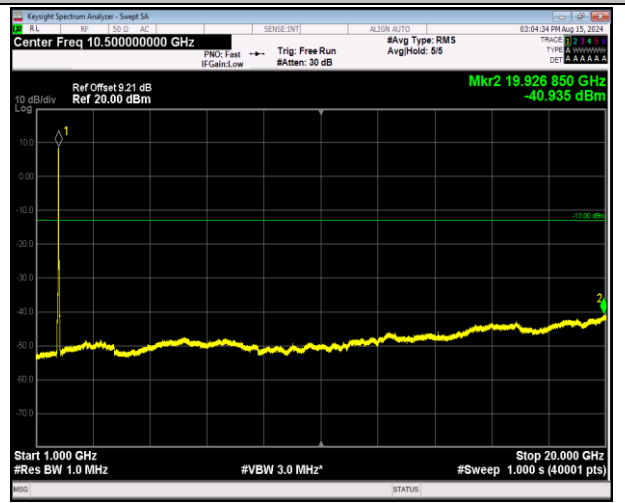
66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-1
 RB#99-0RB#0-30~1000MHz-PASS



66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-1RB
 #99-0RB#0-1000~20000MHz-PASS



66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-1
 00RB#0-100RB#0-30~1000MHz-PASS



66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-100
 RB#0-100RB#0-1000~20000MHz-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-20 MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VN	NT	6310.00	3.356383	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VL	NT	7450.00	3.962766	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VH	NT	28110.00	14.952128	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VN	NT	-14240.00	-7.574468	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VL	NT	10990.00	5.845745	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VH	NT	15830.00	8.420213	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	VN	NT	-21490.00	-11.430851	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	VL	NT	-26980.00	-14.351064	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64QAM	18801-18999	100RB#0-100RB#0	VH	NT	-16350.00	-8.696809	±NA	PASS
5-5	10MHz-10 MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VN	NT	-1510.00	-1.805033	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VL	NT	970.00	1.159524	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	VH	NT	880.00	1.051940	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	VN	NT	-1990.00	-2.378818	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	VL	NT	-1970.00	-2.354910	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	VH	NT	-1270.00	-1.518140	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	VN	NT	-720.00	-0.860678	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	VL	NT	-1580.00	-1.888710	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	VH	NT	-1250.00	-1.494232	±2.5	PASS

	MHz	QAM	0575	RB#0						
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	VN	NT	-15520.00	-6.122288	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	VL	NT	-30370.00	-11.980276	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	VH	NT	4730.00	1.865878	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	VN	NT	-11960.00	-4.717949	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	VL	NT	-4960.00	-1.956607	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	VH	NT	-18270.00	-7.207101	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	VN	NT	-11790.00	-4.650888	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	VL	NT	-29020.00	-11.447732	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	VH	NT	-6860.00	-2.706114	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	VN	NT	7290.00	2.811415	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	VL	NT	6660.00	2.568454	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	VH	NT	6820.00	2.630158	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	VN	NT	4010.00	1.546471	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	VL	NT	5160.00	1.989973	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	VH	NT	4750.00	1.831855	±NA	PASS
41- 41	20MHz-20 MHz	64QAM-64 QAM	40521-4 0719	100RB#0-1 00RB#0	VN	NT	-10820.00	-4.172773	±NA	PASS
41- 41	20MHz-20 MHz	64QAM-64 QAM	40521-4 0719	100RB#0-1 00RB#0	VL	NT	-10950.00	-4.222908	±NA	PASS
41- 41	20MHz-20 MHz	64QAM-64 QAM	40521-4 0719	100RB#0-1 00RB#0	VH	NT	-10840.00	-4.180486	±NA	PASS
66- 66	20MHz-20 MHz	QPSK-QPS K	132323- 132521	100RB#0-1 00RB#0	VN	NT	2160.00	1.230769	±NA	PASS
66- 66	20MHz-20 MHz	QPSK-QPS K	132323- 132521	100RB#0-1 00RB#0	VL	NT	-6110.00	-3.481481	±NA	PASS
66- 66	20MHz-20 MHz	QPSK-QPS K	132323- 132521	100RB#0-1 00RB#0	VH	NT	13360.00	7.612536	±NA	PASS

66	MHz	K	132521	00RB#0						
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	VN	NT	11360.00	6.472934	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	VL	NT	8410.00	4.792023	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	VH	NT	8500.00	4.843305	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	VN	NT	10740.00	6.119658	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	VL	NT	-4170.00	-2.376068	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	VH	NT	-2030.00	-1.156695	±NA	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	-30	2530.00	1.345745	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	-20	12310.00	6.547872	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	-10	5030.00	2.675532	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	0	-17570.00	-9.345745	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	10	2540.00	1.351064	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	20	-40360.00	-21.468085	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	30	5580.00	2.968085	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	40	-29270.00	-15.569149	±NA	PASS
2-2	20MHz-20 MHz	QPSK-QPS K	18801-1 8999	100RB#0-1 00RB#0	NV	50	16320.00	8.680851	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	-30	33810.00	17.984043	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	-20	19090.00	10.154255	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	-10	-1040.00	-0.553191	±NA	PASS

	MHz	QAM	8999	00RB#0						
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	0	-15140.00	-8.053191	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	10	-15630.00	-8.313830	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	20	5320.00	2.829787	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	30	15240.00	8.106383	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	40	25340.00	13.478723	±NA	PASS
2-2	20MHz-20 MHz	16QAM-16 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	50	-2760.00	-1.468085	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	-30	-11350.00	-6.037234	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	-20	-17690.00	-9.409574	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	-10	-27790.00	-14.781915	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	0	-17600.00	-9.361702	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	10	-25590.00	-13.611702	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	20	-29450.00	-15.664894	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	30	-44490.00	-23.664894	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	40	-29690.00	-15.792553	±NA	PASS
2-2	20MHz-20 MHz	64QAM-64 QAM	18801-1 8999	100RB#0-1 00RB#0	NV	50	-17250.00	-9.175532	±NA	PASS
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	-30	-1040.00	-1.243201	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	-20	1490.00	1.781125	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	-10	2010.00	2.402725	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	0	-1280.00	-1.530094	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	10	1270.00	1.518140	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPS	20476-2	50RB#0-50	NV	20	580.00	0.693324	±2.5	PASS

	MHz	K	0575	RB#0						
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	30	-1780.00	-2.127787	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	40	950.00	1.135617	±2.5	PASS
5-5	10MHz-10 MHz	QPSK-QPS K	20476-2 0575	50RB#0-50 RB#0	NV	50	1060.00	1.267109	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	-30	-1240.00	-1.482278	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	-20	-740.00	-0.884585	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	-10	-930.00	-1.111709	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	0	-1230.00	-1.470325	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	10	970.00	1.159524	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	20	-1470.00	-1.757217	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	30	-670.00	-0.800908	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	40	-2000.00	-2.390772	±2.5	PASS
5-5	10MHz-10 MHz	16QAM-16 QAM	20476-2 0575	50RB#0-50 RB#0	NV	50	-1230.00	-1.470325	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	-30	-1980.00	-2.366864	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	-20	-1290.00	-1.542048	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	-10	-780.00	-0.932401	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	0	-1930.00	-2.307095	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	10	-1640.00	-1.960433	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	20	-1100.00	-1.314924	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	30	-960.00	-1.147570	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	40	-1150.00	-1.374694	±2.5	PASS
5-5	10MHz-10 MHz	64QAM-64 QAM	20476-2 0575	50RB#0-50 RB#0	NV	50	-820.00	-0.980216	±2.5	PASS

	MHz	QAM	0575	RB#0						
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	-30	10470.00	4.130178	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	-20	7500.00	2.958580	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	-10	-22860.00	-9.017751	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	0	1990.00	0.785010	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	10	-13520.00	-5.333333	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	20	3240.00	1.278107	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	30	750.00	0.295858	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	40	-18820.00	-7.424063	±NA	PASS
7-7	20MHz-20 MHz	QPSK-QPS K	21001-21 199	100RB#0-1 00RB#0	NV	50	-12830.00	-5.061144	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	-30	1970.00	0.777120	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	-20	15160.00	5.980276	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	-10	19820.00	7.818540	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	0	14340.00	5.656805	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	10	340.00	0.134122	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	20	16400.00	6.469428	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	30	13750.00	5.424063	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	40	-18300.00	-7.218935	±NA	PASS
7-7	20MHz-20 MHz	16QAM-16 QAM	21001-21 199	100RB#0-1 00RB#0	NV	50	-3140.00	-1.238659	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	-30	-22230.00	-8.769231	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	-20	-14120.00	-5.570020	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	-10	-29420.00	-11.605523	±NA	PASS

	MHz	QAM	199	00RB#0						
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	0	-36310.00	-14.323471	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	10	-39930.00	-15.751479	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	20	-22010.00	-8.682446	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	30	-9990.00	-3.940828	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	40	-12150.00	-4.792899	±NA	PASS
7-7	20MHz-20 MHz	64QAM-64 QAM	21001-21 199	100RB#0-1 00RB#0	NV	50	-17390.00	-6.859961	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	-30	8390.00	3.235634	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	-20	7230.00	2.788276	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	-10	6900.00	2.661010	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	0	6150.00	2.371770	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	10	8280.00	3.193212	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	20	6560.00	2.529888	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	30	5750.00	2.217509	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	40	7920.00	3.054377	±NA	PASS
41- 41	20MHz-20 MHz	QPSK-QPS K	40521-4 0719	100RB#0-1 00RB#0	NV	50	7320.00	2.822985	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	NV	-30	5980.00	2.306209	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	NV	-20	5490.00	2.117239	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	NV	-10	6870.00	2.649441	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	NV	0	5260.00	2.028538	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	NV	10	4010.00	1.546471	±NA	PASS
41- 41	20MHz-20 MHz	16QAM-16 QAM	40521-4 0719	100RB#0-1 00RB#0	NV	20	5470.00	2.109526	±NA	PASS

41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	16QAM-16	40521-4	100RB#0-1	NV	30	5850.00	2.256074	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	16QAM-16	40521-4	100RB#0-1	NV	40	5080.00	1.959121	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	16QAM-16	40521-4	100RB#0-1	NV	50	5920.00	2.283070	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	-30	-11350.00	-4.377169	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	-20	-11360.00	-4.381026	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	-10	-10640.00	-4.103355	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	0	-10480.00	-4.041651	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	10	-10840.00	-4.180486	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	20	-10700.00	-4.126494	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	30	-11980.00	-4.620131	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	40	-11740.00	-4.527574	±NA	PASS
41	MHz	QAM	0719	00RB#0						
41-	20MHz-20	64QAM-64	40521-4	100RB#0-1	NV	50	-10960.00	-4.226764	±NA	PASS
41	MHz	QAM	0719	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	-30	2380.00	1.356125	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	-20	-2890.00	-1.646724	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	-10	-2380.00	-1.356125	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	0	50.00	0.028490	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	10	12690.00	7.230769	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	20	-390.00	-0.222222	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	30	2050.00	1.168091	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	40	12940.00	7.373219	±NA	PASS
66	MHz	K	132521	00RB#0						
66-	20MHz-20	QPSK-QPS	132323-	100RB#0-1	NV	50	880.00	0.501425	±NA	PASS

66	MHz	K	132521	00RB#0						
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	-30	17550.00	10.000000	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	-20	8630.00	4.917379	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	-10	18960.00	10.803419	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	0	21050.00	11.994302	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	10	17460.00	9.948718	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	20	15450.00	8.803419	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	30	11700.00	6.666667	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	40	8870.00	5.054131	±NA	PASS
66-66	20MHz-20 MHz	16QAM-16 QAM	132323-132521	100RB#0-1 00RB#0	NV	50	8540.00	4.866097	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	-30	-8430.00	-4.803419	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	-20	1150.00	0.655271	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	-10	10580.00	6.028490	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	0	-820.00	-0.467236	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	10	-990.00	-0.564103	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	20	-8320.00	-4.740741	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	30	6040.00	3.441595	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	40	12450.00	7.094017	±NA	PASS
66-66	20MHz-20 MHz	64QAM-64 QAM	132323-132521	100RB#0-1 00RB#0	NV	50	2140.00	1.219373	±NA	PASS