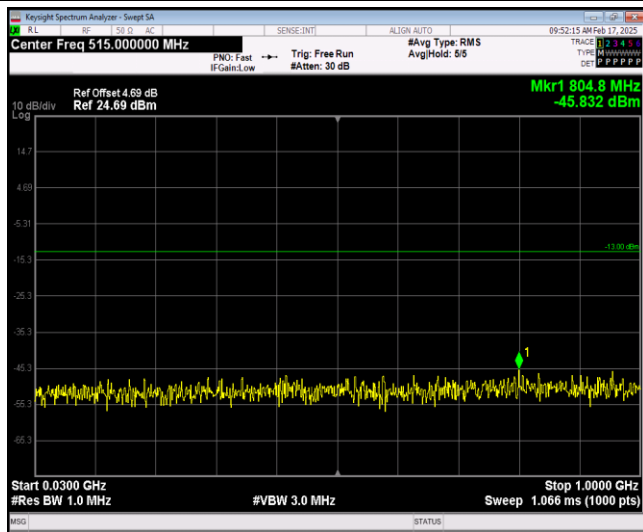
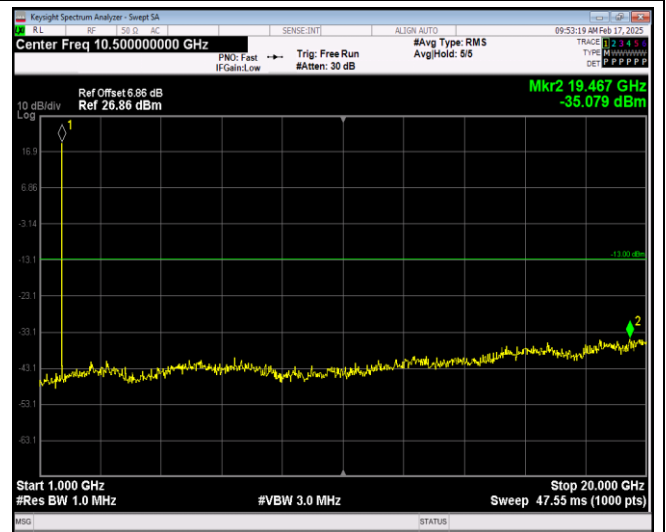


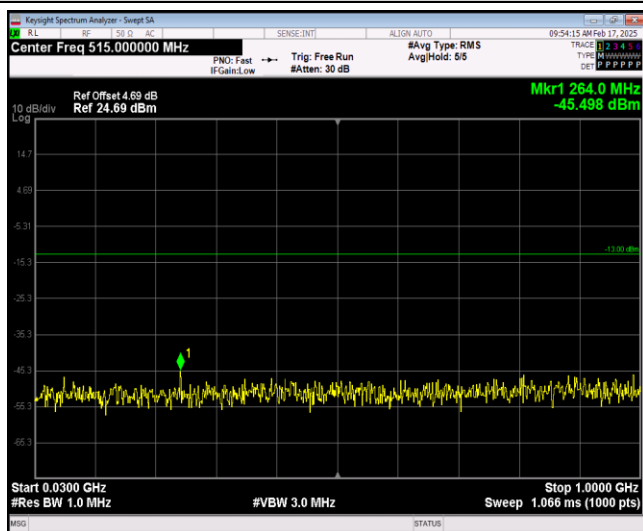
Band66-1.4MHz-64QAM-131979-1RB#0-Range1:30~1000MHz



Band66-1.4MHz-64QAM-131979-1RB#0-Range2:1000~20000MHz



Band66-1.4MHz-64QAM-132322-1RB#0-Range1:30~1000MHz



Band66-1.4MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz

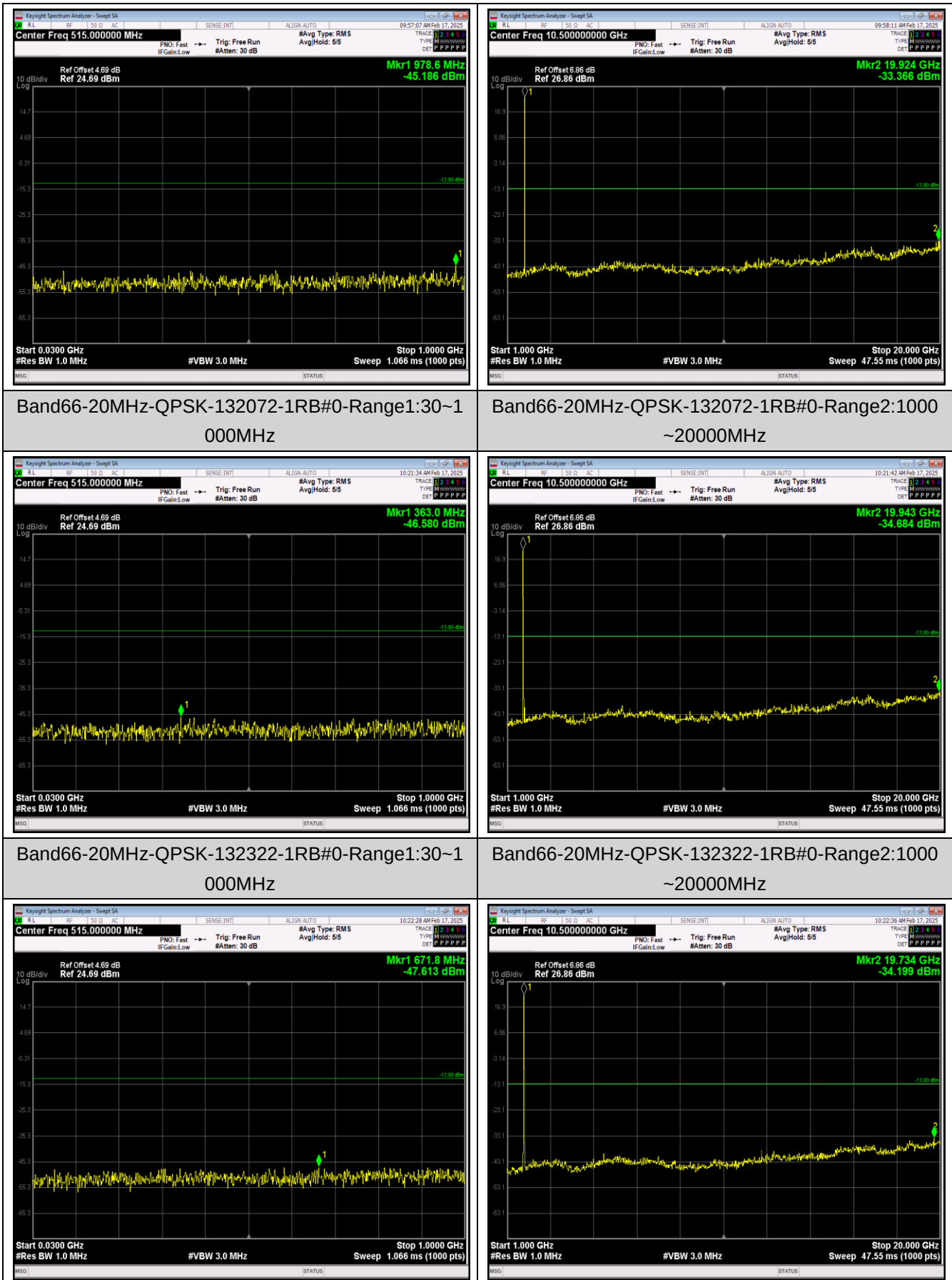


Band66-1.4MHz-64QAM-132665-1RB#0-Range1:30~1000MHz

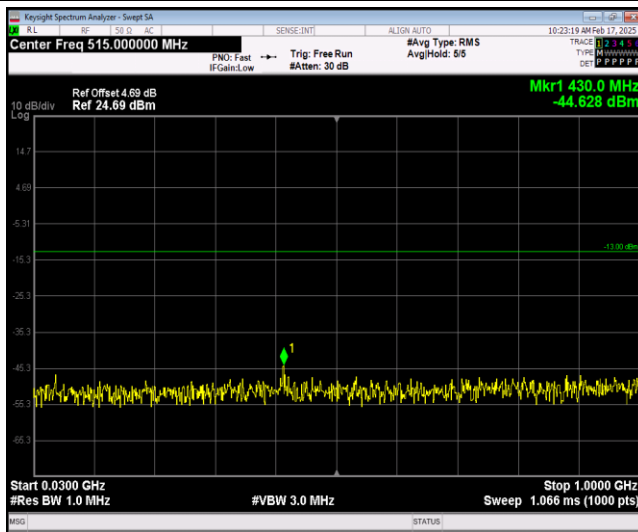


Band66-1.4MHz-64QAM-132665-1RB#0-Range2:1000~20000MHz

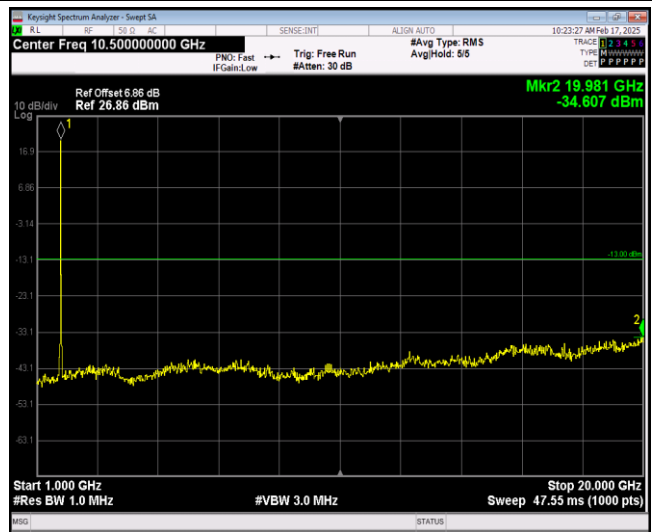




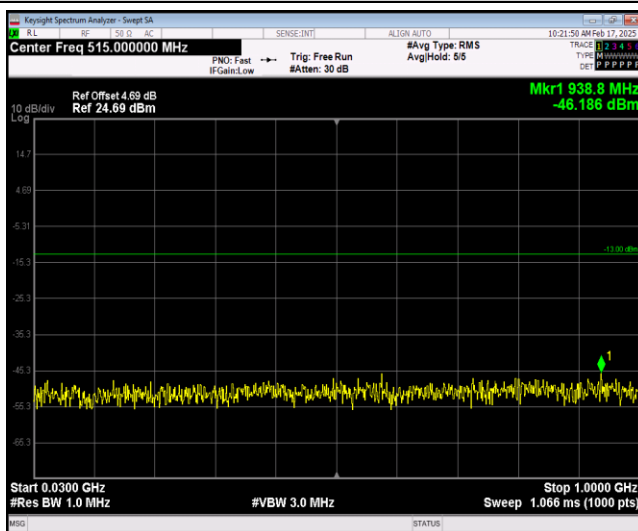
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1
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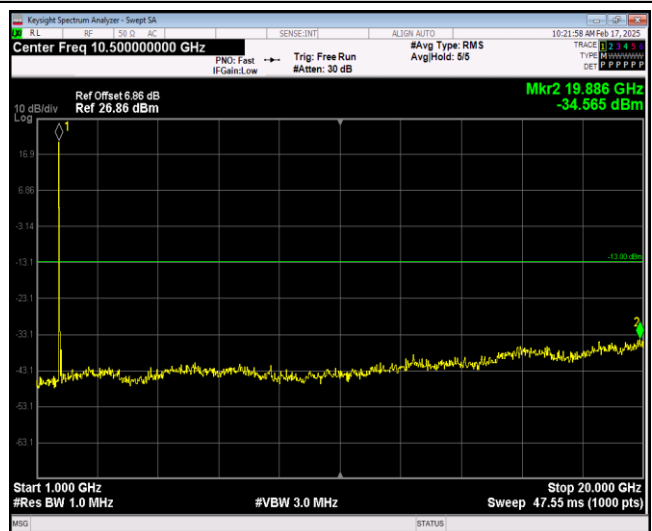
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000
~20000MHz



Band66-20MHz-16QAM-132072-1RB#0-Range1:30~
1000MHz



Band66-20MHz-16QAM-132072-1RB#0-Range2:100
0~20000MHz

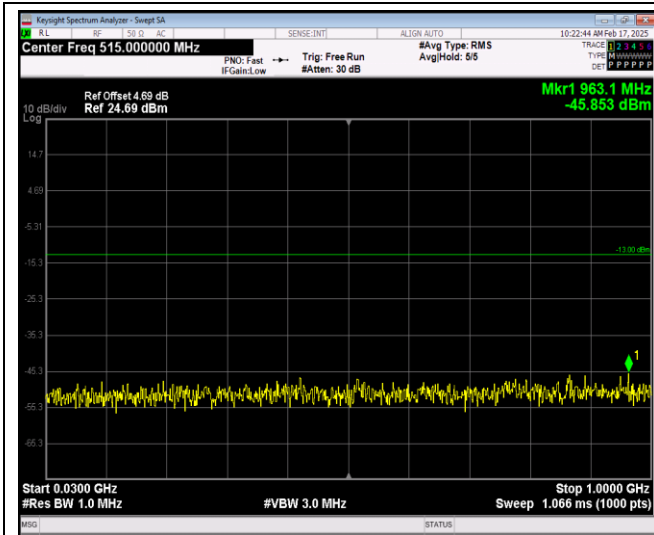


Band66-20MHz-16QAM-132322-1RB#0-Range1:30~
1000MHz

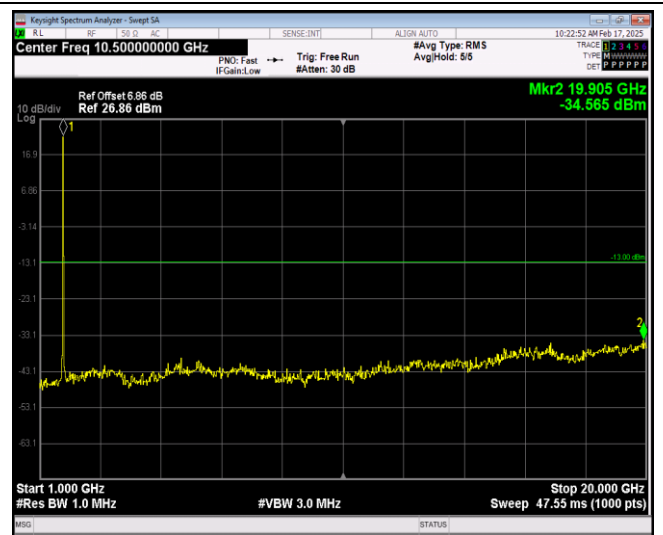


Band66-20MHz-16QAM-132322-1RB#0-Range2:100
0~20000MHz

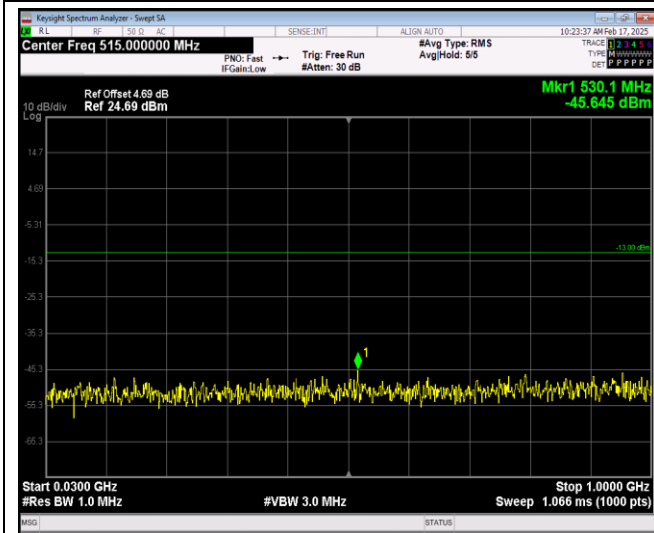




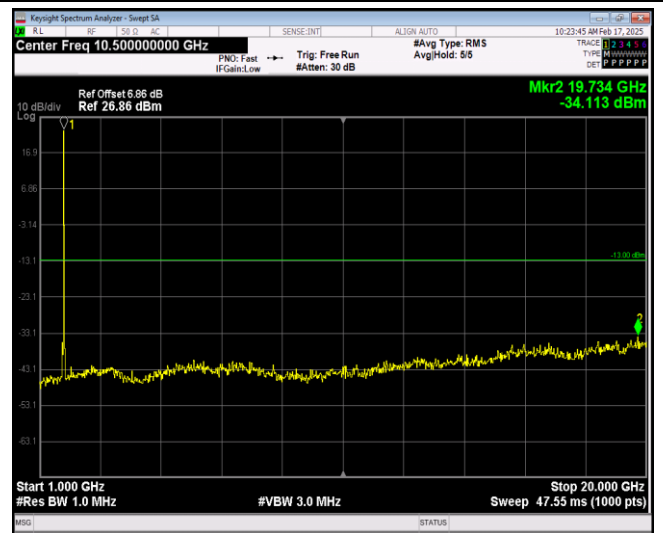
Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz



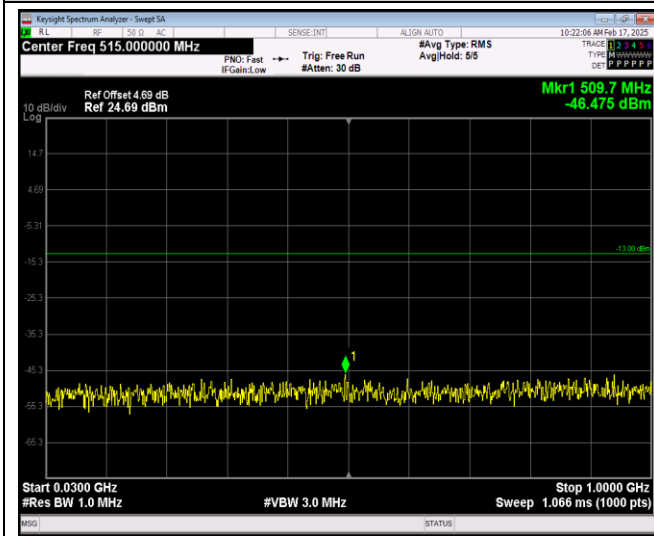
Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz



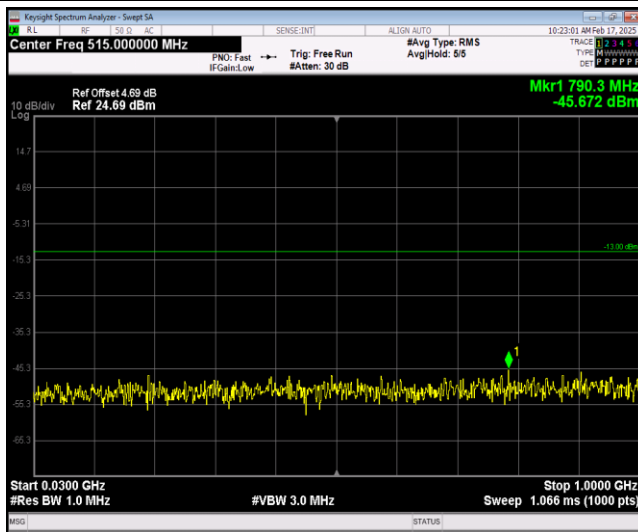
Band66-20MHz-64QAM-132072-1RB#0-Range1:30~1000MHz



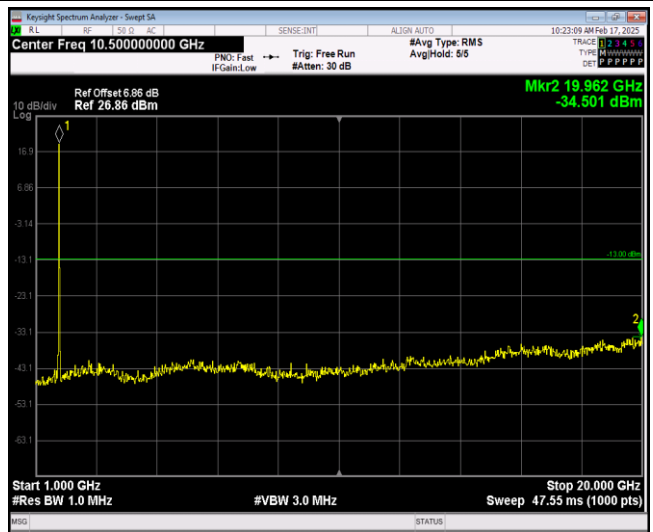
Band66-20MHz-64QAM-132072-1RB#0-Range2:1000~20000MHz



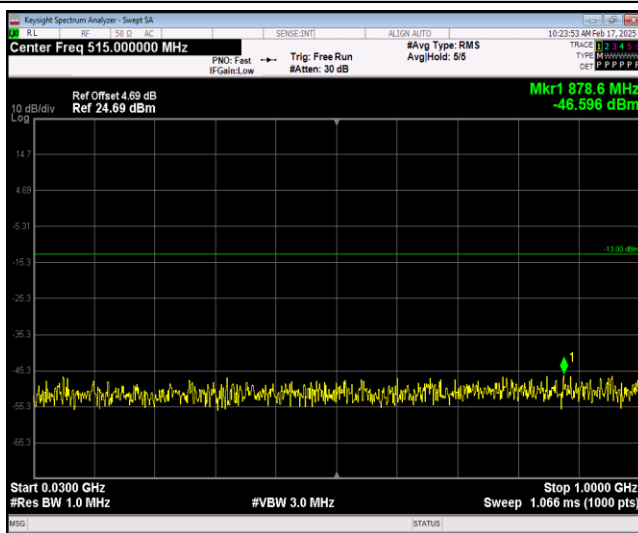
Band66-20MHz-64QAM-132322-1RB#0-Range1:30~
1000MHz



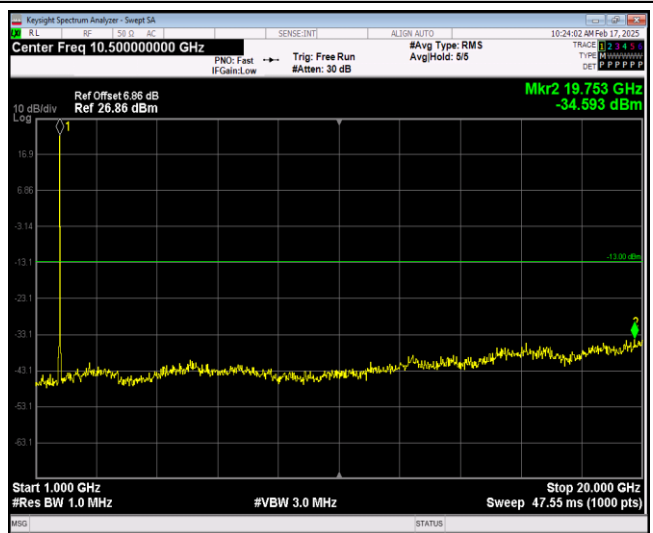
Band66-20MHz-64QAM-132322-1RB#0-Range2:100
0~20000MHz



Band66-20MHz-64QAM-132572-1RB#0-Range1:30~
1000MHz



Band66-20MHz-64QAM-132572-1RB#0-Range2:100
0~20000MHz



Appendix F: Frequency Stability

Test Result

LTE Band 2 part:

Reference Frequency: LTE Band 2 (10MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-40.57	-0.021580	Within authorized band for Band 2	Pass
	-20	-42.76	-0.022745		
	-10	-38.18	-0.020309		
	0	-44.45	-0.023644		
	10	-42.61	-0.022665		
	20	-43.37	-0.023069		
	30	-44.95	-0.023910		
	40	-45.79	-0.024356		
	50	-46.92	-0.024957		
16QAM					
3.85	-30	-18.28	-0.009723	Within authorized band for Band 2	Pass
	-20	-13.05	-0.006941		
	-10	-6.59	-0.003505		
	0	8.64	0.004596		
	10	11.16	0.005936		
	20	19.05	0.010133		
	30	25.91	0.013782		
	40	37.87	0.020144		
	50	40.80	0.021702		
64QAM					
3.85	-30	35.05	0.018644	Within authorized band for Band 2	Pass
	-20	39.81	0.021176		
	-10	55.49	0.029516		
	0	12.67	0.006739		
	10	25.61	0.013622		
	20	36.76	0.019553		
	30	-10.04	-0.005340		
	40	9.18	0.004883		
	50	20.11	0.010697		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	-30.21	-0.016069	Within authorized band for Band 2	Pass
	3.85	12.56	0.006681		
	4.40	-39.87	-0.021207		
16QAM					
25	3.50	-38.74	-0.020606	Within authorized band for Band 2	Pass
	3.85	-49.35	-0.026250		
	4.40	-27.77	-0.014771		
64QAM					
25	3.50	-5.69	-0.003027	Within authorized band for Band 2	Pass
	3.85	-7.88	-0.004191		
	4.40	15.79	0.008399		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 4 part:

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-31.86	-0.018390	Within authorized band for Band 4	Pass
	-20	-16.25	-0.009380		
	-10	-39.28	-0.022672		
	0	-14.58	-0.008416		
	10	-28.92	-0.016693		
	20	-45.00	-0.025974		
	30	-6.12	-0.003532		
	40	-26.22	-0.015134		
	50	-36.08	-0.020825		
16QAM					
3.85	-30	32.99	0.019042	Within authorized band for Band 4	Pass
	-20	37.57	0.021685		
	-10	-12.75	-0.007359		
	0	-5.05	-0.002915		
	10	6.24	0.003602		
	20	10.83	0.006251		
	30	14.89	0.008595		
	40	20.96	0.012098		
	50	23.83	0.013755		
64QAM					
3.85	-30	17.05	0.009841	Within authorized band for Band 4	Pass
	-20	24.73	0.014274		
	-10	-5.84	-0.003371		
	0	10.89	0.006286		
	10	20.21	0.011665		
	20	28.30	0.016335		
	30	41.20	0.023781		
	40	11.49	0.006632		
	50	20.99	0.012115		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	8.48	0.004895	Within authorized band for Band 4	Pass
	3.85	12.96	0.007481		
	4.40	-13.19	-0.007613		
16QAM					
25	3.50	15.44	0.008912	Within authorized band for Band 4	Pass
	3.85	9.16	0.005287		
	4.40	21.23	0.012254		
64QAM					
25	3.50	40.27	0.023244	Within authorized band for Band 4	Pass
	3.85	31.44	0.018147		
	4.40	7.58	0.004375		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 5 part:

Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 Frequency=836.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	25.68	0.030699	±2.5	Pass
	-20	21.23	0.025380		
	-10	20.31	0.024280		
	0	14.69	0.017561		
	10	14.19	0.016964		
	20	10.43	0.012469		
	30	8.61	0.010293		
	40	5.25	0.006276		
	50	4.85	0.005798		
16QAM					
3.85	-30	6.28	0.007507	±2.5	Pass
	-20	8.61	0.010293		
	-10	10.77	0.012875		
	0	13.82	0.016521		
	10	15.15	0.018111		
	20	14.63	0.017490		
	30	15.74	0.018816		
	40	17.97	0.021482		
	50	16.72	0.019988		
64QAM					
3.85	-30	33.76	0.040359	±2.5	Pass
	-20	38.64	0.046192		
	-10	45.32	0.054178		
	0	-5.44	-0.006503		
	10	3.58	0.004280		
	20	8.11	0.009695		
	30	10.61	0.012684		
	40	12.96	0.015493		
	50	18.38	0.021973		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	27.09	0.032385	±2.5	Pass
	3.85	27.04	0.032325		
	4.40	26.98	0.032253		
16QAM					
25	3.50	2.55	0.003048	±2.5	Pass
	3.85	-2.09	-0.002499		
	4.40	2.50	0.002989		
64QAM					
25	3.50	24.08	0.028787	±2.5	Pass
	3.85	19.38	0.023168		
	4.40	29.51	0.035278		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 7 part:

Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-16.79	-0.006623	Within authorized band for Band 7	Pass
	-20	-17.71	-0.006986		
	-10	-28.05	-0.011065		
	0	15.01	0.005921		
	10	-31.63	-0.012477		
	20	-47.64	-0.018793		
	30	-39.93	-0.015751		
	40	-16.51	-0.006513		
	50	-10.57	-0.004170		
16QAM					
3.85	-30	-39.41	-0.015546	Within authorized band for Band 7	Pass
	-20	-47.48	-0.018730		
	-10	-44.92	-0.017720		
	0	10.80	0.004260		
	10	-7.55	-0.002978		
	20	-21.70	-0.008560		
	30	-41.07	-0.016201		
	40	-13.58	-0.005357		
	50	-17.41	-0.006868		
64QAM					
3.85	-30	-39.87	-0.015728	Within authorized band for Band 7	Pass
	-20	-43.23	-0.017053		
	-10	15.78	0.006225		
	0	7.74	0.003053		
	10	12.59	0.004966		
	20	13.43	0.005298		
	30	-15.39	-0.006071		
	40	-19.73	-0.007783		
	50	-20.81	-0.008209		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	7.37	0.002907	Within authorized band for Band 7	Pass
	3.85	50.21	0.019807		
	4.40	-41.18	-0.016245		
16QAM					
25	3.50	-35.41	-0.013968	Within authorized band for Band 7	Pass
	3.85	-21.03	-0.008296		
	4.40	-46.02	-0.018154		
64QAM					
25	3.50	-40.66	-0.016039	Within authorized band for Band 7	Pass
	3.85	-29.23	-0.011531		
	4.40	-39.63	-0.015633		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 12 part:

Reference Frequency: LTE Band 12(10MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	6.51	0.009201	Within authorized band for Band 12	Pass
	-20	6.48	0.009159		
	-10	6.69	0.009456		
	0	6.07	0.008580		
	10	6.55	0.009258		
	20	7.02	0.009922		
	30	6.98	0.009866		
	40	8.74	0.012353		
	50	6.51	0.009201		
16QAM					
3.85	-30	9.41	0.013300	Within authorized band for Band 12	Pass
	-20	9.36	0.013230		
	-10	7.04	0.009951		
	0	5.29	0.007477		
	10	7.22	0.010205		
	20	5.12	0.007237		
	30	4.73	0.006686		
	40	5.69	0.008042		
	50	5.21	0.007364		
64QAM					
3.85	-30	5.44	0.007689	Within authorized band for Band 12	Pass
	-20	8.20	0.011590		
	-10	6.81	0.009625		
	0	5.82	0.008226		
	10	5.46	0.007717		
	20	6.92	0.009781		
	30	7.14	0.010092		
	40	6.95	0.009823		
	50	10.29	0.014544		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	5.95	0.008410	Within authorized band for Band 12	Pass
	3.85	9.78	0.013823		
	4.40	5.04	0.007124		
16QAM					
25	3.50	9.57	0.013527	Within authorized band for Band 12	Pass
	3.85	6.41	0.009060		
	4.40	8.78	0.012410		
64QAM					
25	3.50	5.29	0.007477	Within authorized band for Band 12	Pass
	3.85	5.79	0.008184		
	4.40	4.94	0.006982		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 17 part:

Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 Frequency=710.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	5.91	0.008324	Within authorized band for Band 17	Pass
	-20	-1.77	-0.002493		
	-10	-6.35	-0.008944		
	0	-13.69	-0.019282		
	10	-16.71	-0.023535		
	20	-19.76	-0.027831		
	30	-22.79	-0.032099		
	40	-26.59	-0.037451		
	50	-27.89	-0.039282		
16QAM					
3.85	-30	-24.18	-0.034056	Within authorized band for Band 17	Pass
	-20	-24.92	-0.035099		
	-10	-21.87	-0.030803		
	0	-18.30	-0.025775		
	10	-14.92	-0.021014		
	20	-15.29	-0.021535		
	30	-11.76	-0.016563		
	40	-7.45	-0.010493		
	50	-5.68	-0.008000		
64QAM					
3.85	-30	14.33	0.020183	Within authorized band for Band 17	Pass
	-20	16.57	0.023338		
	-10	22.80	0.032113		
	0	26.78	0.037718		
	10	30.13	0.042437		
	20	34.90	0.049155		
	30	40.20	0.056620		
	40	45.62	0.064254		
	50	46.21	0.065085		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	14.02	0.019746	Within authorized band for Band 17	Pass
	3.85	19.24	0.027099		
	4.40	12.50	0.017606		
16QAM					
25	3.50	-30.86	-0.043465	Within authorized band for Band 17	Pass
	3.85	-29.91	-0.042127		
	4.40	-26.66	-0.037549		
64QAM					
25	3.50	3.91	0.005507	Within authorized band for Band 17	Pass
	3.85	-2.80	-0.003944		
	4.40	13.13	0.018493		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 26 part:

Reference Frequency: LTE Band 26 (10MHz) Middle channel=26740 Frequency=819.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	6.32	0.007717	Within authorized band for Band 26	Pass
	-20	9.54	0.011648		
	-10	10.77	0.013150		
	0	13.52	0.016508		
	10	14.38	0.017558		
	20	18.78	0.022930		
	30	20.94	0.025568		
	40	23.73	0.028974		
	50	25.65	0.031319		
16QAM					
3.85	-30	40.08	0.048938	Within authorized band for Band 26	Pass
	-20	49.98	0.061026		
	-10	9.17	0.011197		
	0	11.10	0.013553		
	10	15.55	0.018987		
	20	19.77	0.024139		
	30	26.52	0.032381		
	40	30.41	0.037131		
	50	37.82	0.046178		
64QAM					
3.85	-30	14.73	0.017985	Within authorized band for Band 26	Pass
	-20	22.95	0.028022		
	-10	28.04	0.034237		
	0	35.72	0.043614		
	10	42.01	0.051294		
	20	48.72	0.059487		
	30	5.66	0.006911		
	40	9.26	0.011306		
	50	11.72	0.014310		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	-2.72	-0.003321	Within authorized band for Band 26	Pass
	3.85	-3.78	-0.004615		
	4.40	4.22	0.005153		
16QAM					
25	3.50	28.77	0.035128	Within authorized band for Band 26	Pass
	3.85	23.99	0.029292		
	4.40	34.23	0.041795		
64QAM					
25	3.50	47.11	0.057521	Within authorized band for Band 26	Pass
	3.85	41.70	0.050916		
	4.40	9.04	0.011038		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 26 part:

Reference Frequency: LTE Band 26 (10MHz) Middle channel=26915 Frequency=836.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	13.89	0.016605	Within authorized band for Band 26	Pass
	-20	9.38	0.011213		
	-10	10.33	0.012349		
	0	7.27	0.008691		
	10	-2.55	-0.003048		
	20	-5.64	-0.006742		
	30	-6.98	-0.008344		
	40	-9.93	-0.011871		
	50	-11.12	-0.013293		
16QAM					
3.85	-30	-2.25	-0.002690	Within authorized band for Band 26	Pass
	-20	5.98	0.007149		
	-10	10.56	0.012624		
	0	17.27	0.020646		
	10	17.81	0.021291		
	20	25.23	0.030161		
	30	25.41	0.030377		
	40	25.33	0.030281		
	50	32.34	0.038661		
64QAM					
3.85	-30	9.96	0.011907	Within authorized band for Band 26	Pass
	-20	18.50	0.022116		
	-10	28.30	0.033831		
	0	33.80	0.040406		
	10	39.28	0.046958		
	20	45.36	0.054226		
	30	3.73	0.004459		
	40	3.99	0.004770		
	50	10.29	0.012301		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	18.32	0.021901	Within authorized band for Band 26	Pass
	3.85	17.82	0.021303		
	4.40	17.08	0.020418		
16QAM					
25	3.50	-9.61	-0.011488	Within authorized band for Band 26	Pass
	3.85	-12.73	-0.015218		
	4.40	-6.57	-0.007854		
64QAM					
25	3.50	45.25	0.054094	Within authorized band for Band 26	Pass
	3.85	35.43	0.042355		
	4.40	-3.10	-0.003706		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 38 part:

Reference Frequency: LTE Band 38(10MHz) Middle channel=38000 Frequency=2595.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	25.52	0.009834	Within authorized band for Band 38	Pass
	-20	7.78	0.002998		
	-10	-6.62	-0.002551		
	0	-17.80	-0.006859		
	10	-17.44	-0.006721		
	20	-22.07	-0.008505		
	30	-28.05	-0.010809		
	40	-30.26	-0.011661		
	50	-29.67	-0.011434		
16QAM					
3.85	-30	22.03	0.008489	Within authorized band for Band 38	Pass
	-20	45.58	0.017565		
	-10	15.08	0.005811		
	0	32.52	0.012532		
	10	46.32	0.017850		
	20	23.85	0.009191		
	30	32.09	0.012366		
	40	43.67	0.016829		
	50	43.66	0.016825		
64QAM					
3.85	-30	20.57	0.007927	Within authorized band for Band 38	Pass
	-20	49.30	0.018998		
	-10	35.85	0.013815		
	0	25.32	0.009757		
	10	41.14	0.015854		
	20	-17.32	-0.006674		
	30	18.10	0.006975		
	40	46.11	0.017769		
	50	-9.74	-0.003753		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	39.05	0.015048	Within authorized band for Band 38	Pass
	3.85	36.84	0.014197		
	4.40	40.54	0.015622		
16QAM					
25	3.50	-18.14	-0.006990	Within authorized band for Band 38	Pass
	3.85	-20.28	-0.007815		
	4.40	10.44	0.004023		
64QAM					
25	3.50	39.15	0.015087	Within authorized band for Band 38	Pass
	3.85	26.99	0.010401		
	4.40	-16.22	-0.006250		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 41 part:

Reference Frequency: LTE Band 41 (10MHz) Middle channel=40640 Frequency=2595.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	18.28	0.007044	Within authorized band for Band 41	Pass
	-20	6.45	0.002486		
	-10	-12.27	-0.004728		
	0	-22.62	-0.008717		
	10	-25.68	-0.009896		
	20	-35.56	-0.013703		
	30	-42.82	-0.016501		
	40	-50.97	-0.019642		
	50	-54.96	-0.021179		
16QAM					
3.85	-30	34.48	0.013287	Within authorized band for Band 41	Pass
	-20	47.74	0.018397		
	-10	13.45	0.005183		
	0	23.80	0.009171		
	10	31.13	0.011996		
	20	39.74	0.015314		
	30	-27.02	-0.010412		
	40	-12.20	-0.004701		
	50	-8.96	-0.003453		
64QAM					
3.85	-30	42.76	0.016478	Within authorized band for Band 41	Pass
	-20	-13.98	-0.005387		
	-10	17.90	0.006898		
	0	42.93	0.016543		
	10	15.71	0.006054		
	20	16.01	0.006170		
	30	37.99	0.014640		
	40	49.67	0.019141		
	50	23.66	0.009118		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	48.04	0.018513	Within authorized band for Band 41	Pass
	3.85	47.11	0.018154		
	4.40	36.81	0.014185		
16QAM					
25	3.50	-14.39	-0.005545	Within authorized band for Band41	Pass
	3.85	-13.62	-0.005249		
	4.40	15.46	0.005958		
64QAM					
25	3.50	42.06	0.016208	Within authorized band for Band41	Pass
	3.85	15.45	0.005954		
	4.40	23.37	0.009006		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

LTE Band 66 part:

Reference Frequency: LTE Band 66 (10MHz) Middle channel=132322 Frequency=1745.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-50.77	-0.029095	Within authorized band for Band 66	Pass
	-20	-18.15	-0.010401		
	-10	-14.26	-0.008172		
	0	-3.56	-0.002040		
	10	-34.60	-0.019828		
	20	-3.95	-0.002264		
	30	-21.72	-0.012447		
	40	-6.07	-0.003479		
	50	-26.06	-0.014934		
16QAM					
3.85	-30	-12.92	-0.007404	Within authorized band for Band 66	Pass
	-20	-23.10	-0.013238		
	-10	-20.71	-0.011868		
	0	-16.38	-0.009387		
	10	-16.29	-0.009335		
	20	-20.50	-0.011748		
	30	-15.05	-0.008625		
	40	-14.33	-0.008212		
	50	-14.51	-0.008315		
64QAM					
3.85	-30	5.18	0.002968	Within authorized band for Band 66	Pass
	-20	-50.18	-0.028756		
	-10	-40.54	-0.023232		
	0	-26.99	-0.015467		
	10	-39.31	-0.022527		
	20	-32.86	-0.018831		
	30	-28.20	-0.016160		
	40	-18.77	-0.010756		
	50	-5.42	-0.003106		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	-20.20	-0.011576	Within authorized band for Band 66	Pass
	3.85	3.95	0.002264		
	4.40	-50.05	-0.028682		
16QAM					
25	3.50	-9.81	-0.005622	Within authorized band for Band 66	Pass
	3.85	-45.62	-0.026143		
	4.40	-14.95	-0.008567		
64QAM					
25	3.50	-10.70	-0.006132	Within authorized band for Band 66	Pass
	3.85	-18.11	-0.010378		
	4.40	6.32	0.003622		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS
Band2	20MHz	64QAM	18900	100RB#0	PASS	PASS
Band4	20MHz	QPSK	20175	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	64QAM	20175	100RB#0	PASS	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	64QAM	20525	50RB#0	PASS	PASS
Band7	20MHz	QPSK	21100	100RB#0	PASS	PASS
Band7	20MHz	16QAM	21100	100RB#0	PASS	PASS
Band7	20MHz	64QAM	21100	100RB#0	PASS	PASS
Band12	10MHz	QPSK	23095	50RB#0	PASS	PASS
Band12	10MHz	16QAM	23095	50RB#0	PASS	PASS
Band12	10MHz	64QAM	23095	50RB#0	PASS	PASS
Band17	10MHz	QPSK	23790	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23790	50RB#0	PASS	PASS
Band17	10MHz	64QAM	23790	50RB#0	PASS	PASS
Band26	10MHz	QPSK	26740	50RB#0	PASS	PASS
Band26	10MHz	16QAM	26740	50RB#0	PASS	PASS
Band26	10MHz	64QAM	26740	50RB#0	PASS	PASS
Band26	15MHz	QPSK	26915	75RB#0	PASS	PASS
Band26	15MHz	16QAM	26915	75RB#0	PASS	PASS
Band26	15MHz	64QAM	26915	75RB#0	PASS	PASS
Band38	20MHz	QPSK	38000	100RB#0	PASS	PASS
Band38	20MHz	16QAM	38000	100RB#0	PASS	PASS
Band38	20MHz	64QAM	38000	100RB#0	PASS	PASS
Band41	20MHz	QPSK	40640	100RB#0	PASS	PASS
Band41	20MHz	16QAM	40640	100RB#0	PASS	PASS
Band41	20MHz	64QAM	40640	100RB#0	PASS	PASS
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS
Band66	20MHz	64QAM	132322	100RB#0	PASS	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

