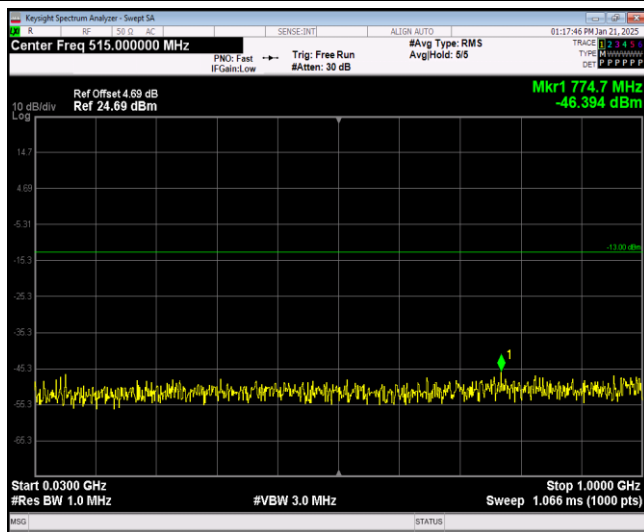
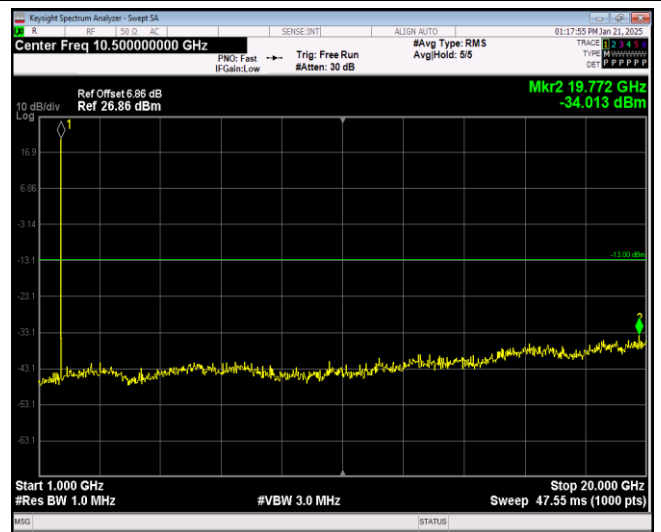


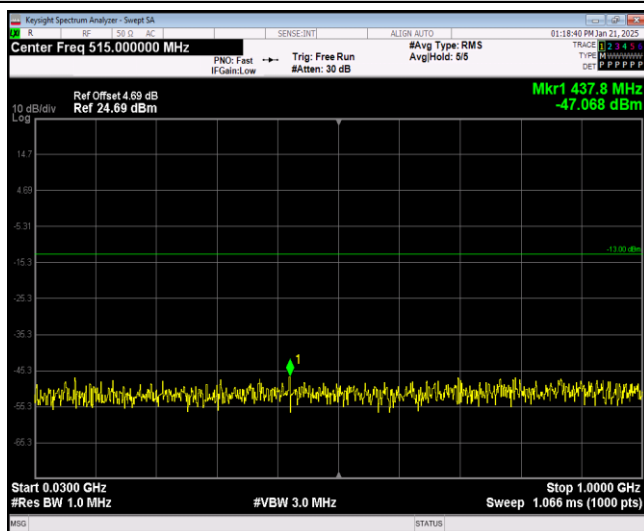
Band66-1.4MHz-64QAM-131979-1RB#0-Range1:30~
1000MHz



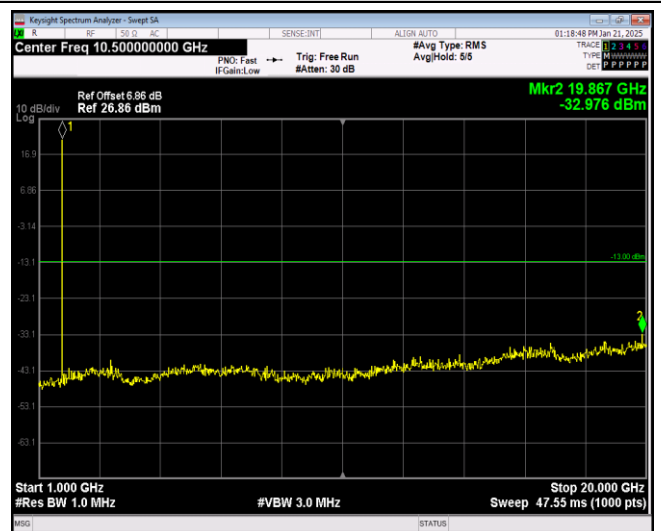
Band66-1.4MHz-64QAM-131979-1RB#0-Range2:100
0~20000MHz



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



Band66-1.4MHz-64QAM-132322-1RB#0-Range2:100
0~20000MHz

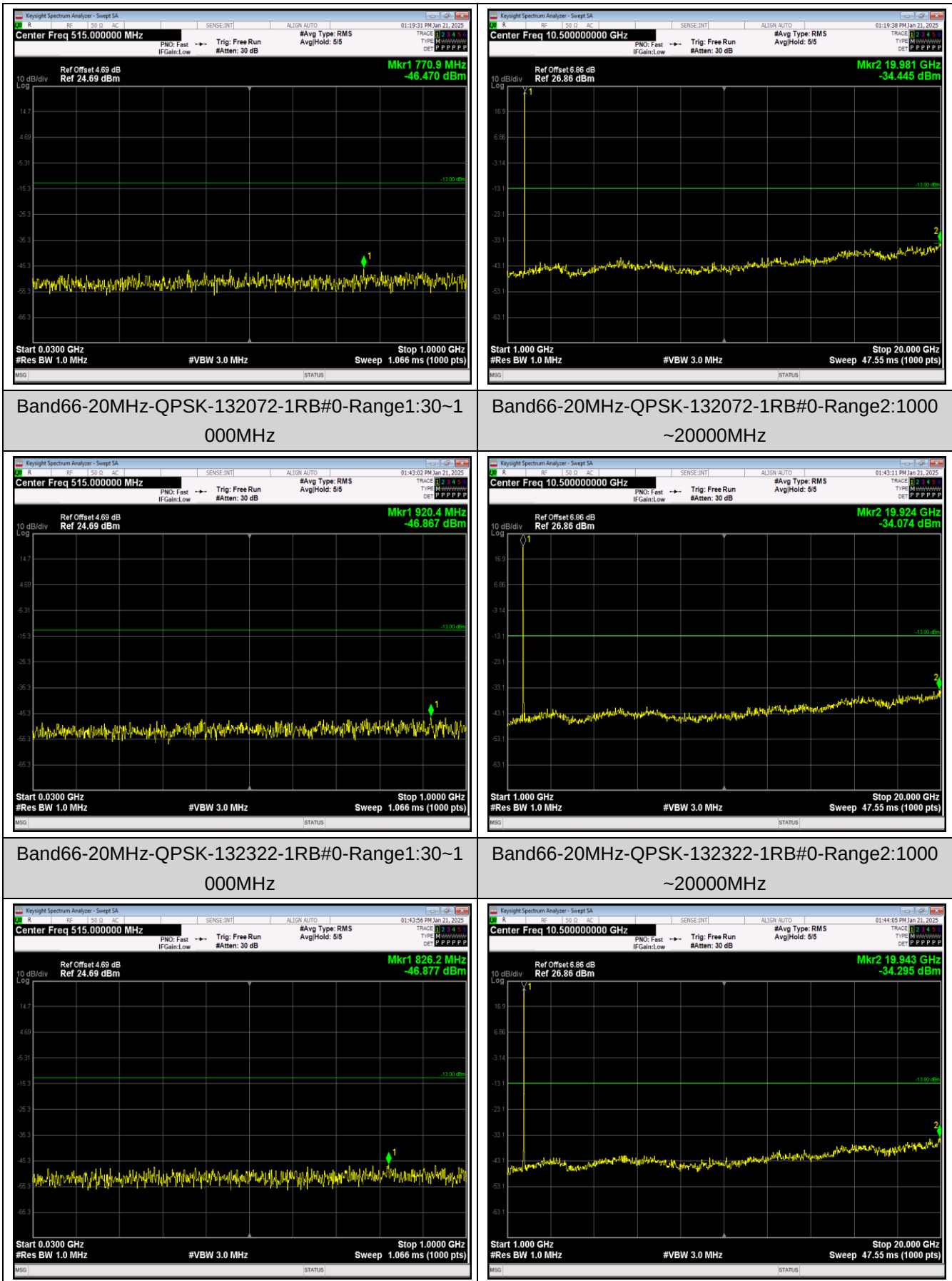


Band66-1.4MHz-64QAM-132665-1RB#0-Range1:30~
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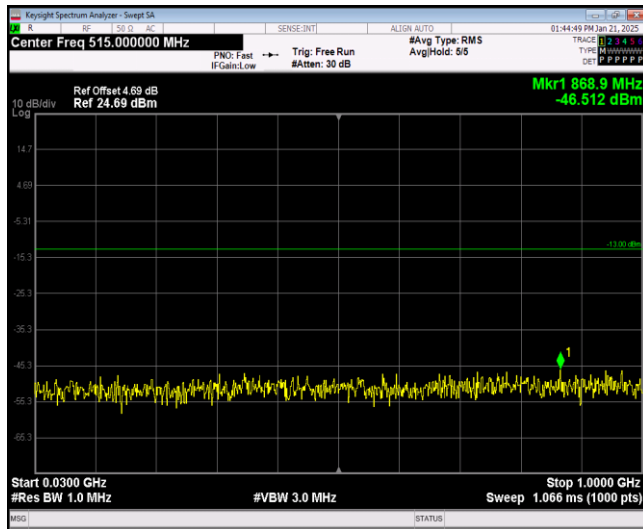


Band66-1.4MHz-64QAM-132665-1RB#0-Range2:100
0~20000MHz

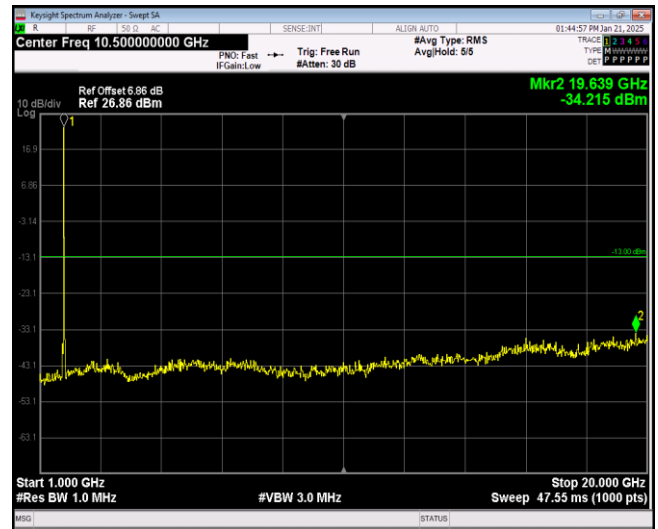




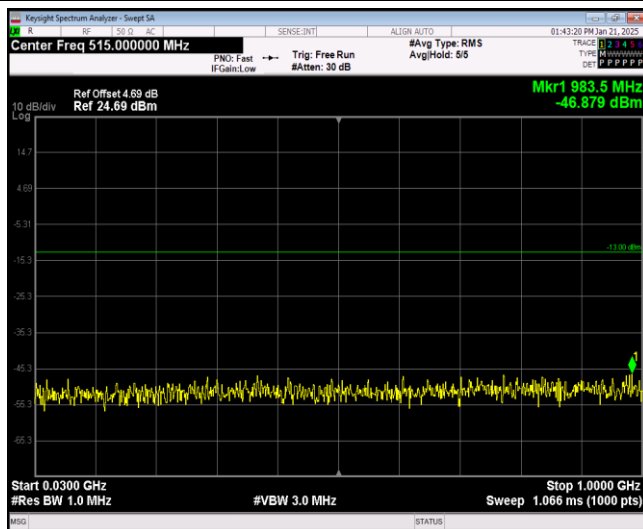
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1
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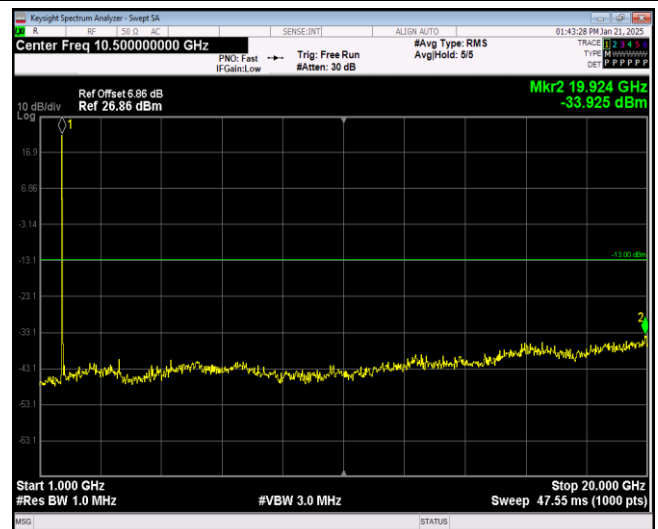
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~20000MHz



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



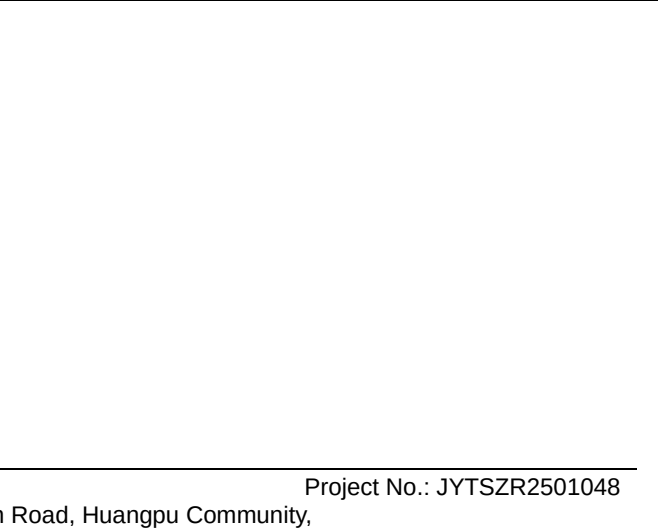
Band66-20MHz-16QAM-132072-1RB#0-Range2:100
0~20000MHz

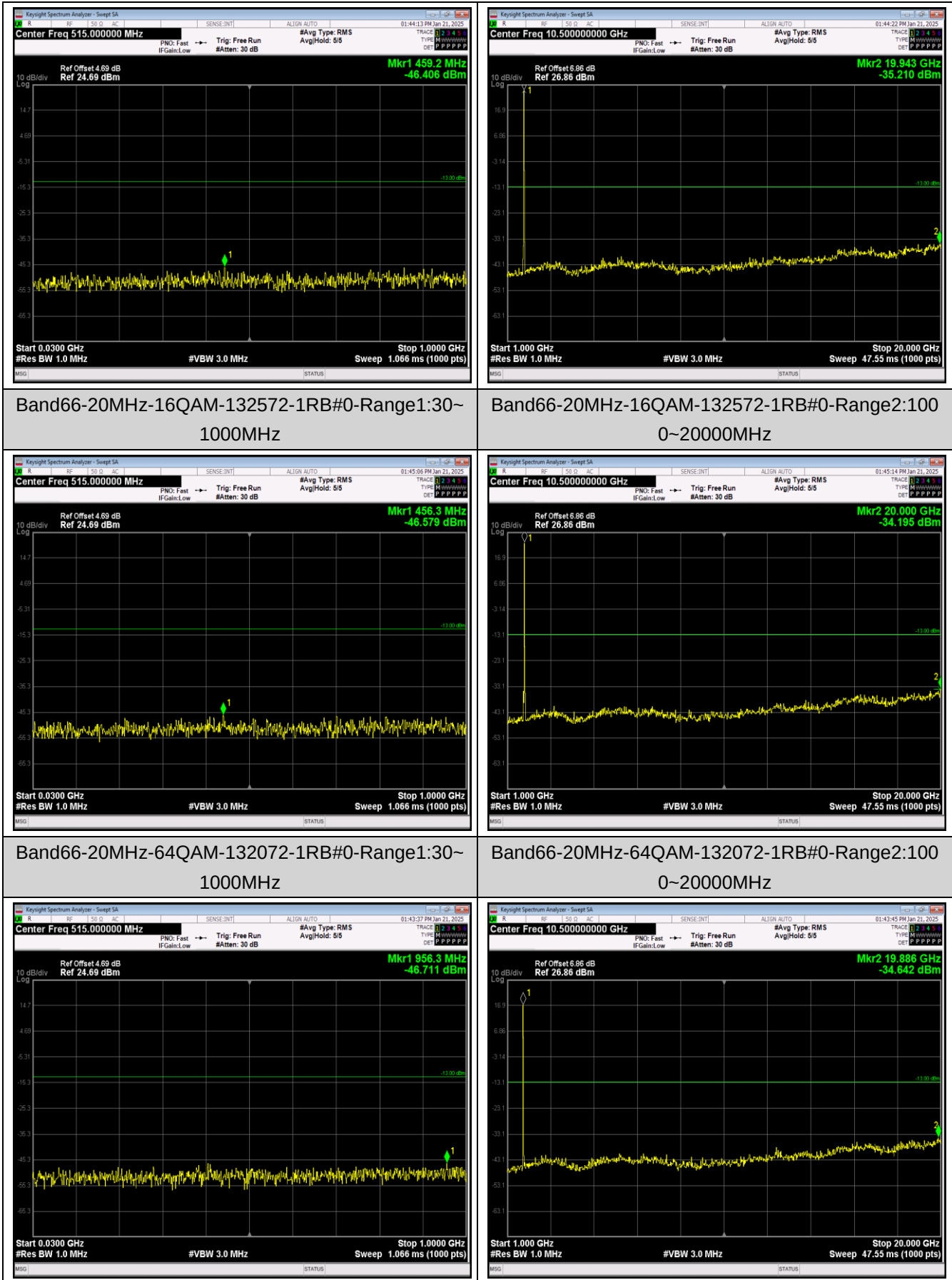


Band66-20MHz-16QAM-132322-1RB#0-Range1:30~
1000MHz



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





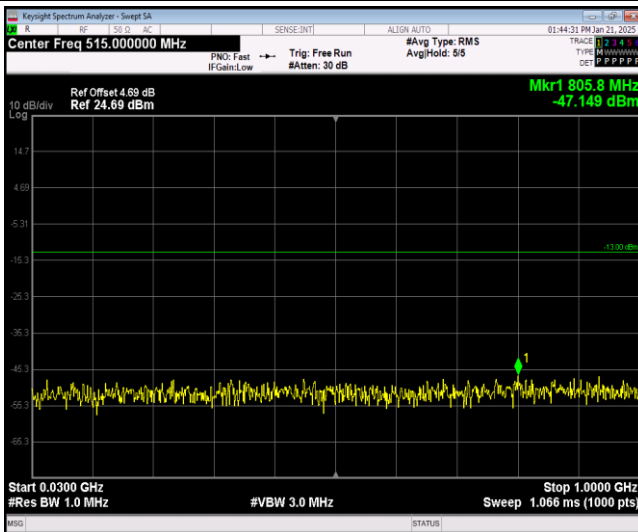
Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz

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

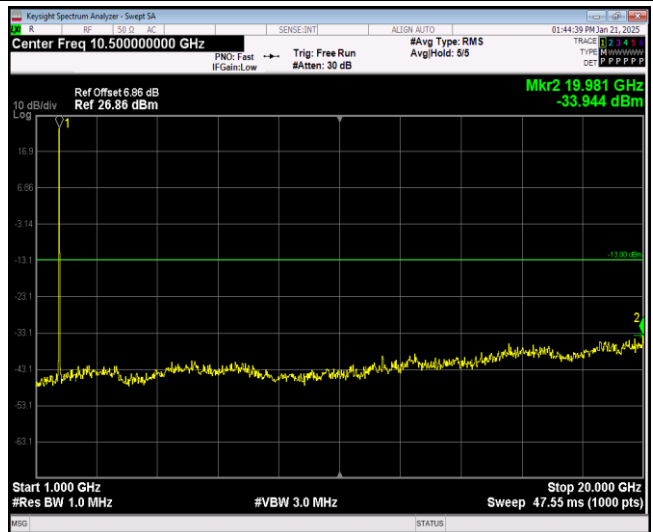
Band66-20MHz-64QAM-132072-1RB#0-Range1:30~1000MHz

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

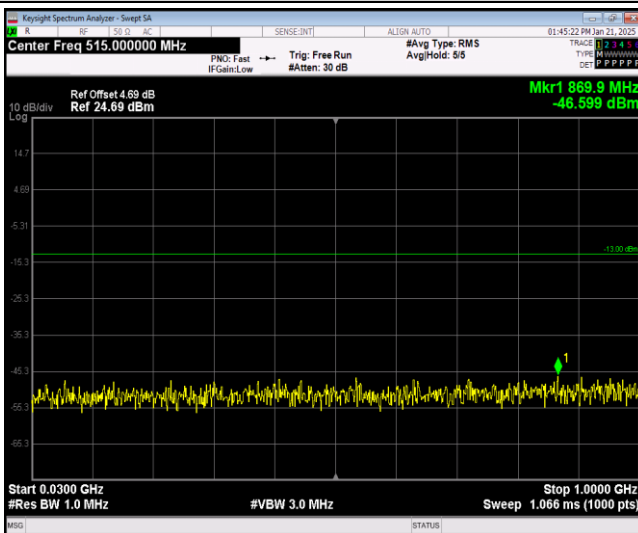
Band66-20MHz-64QAM-132322-1RB#0-Range1:30~1000MHz



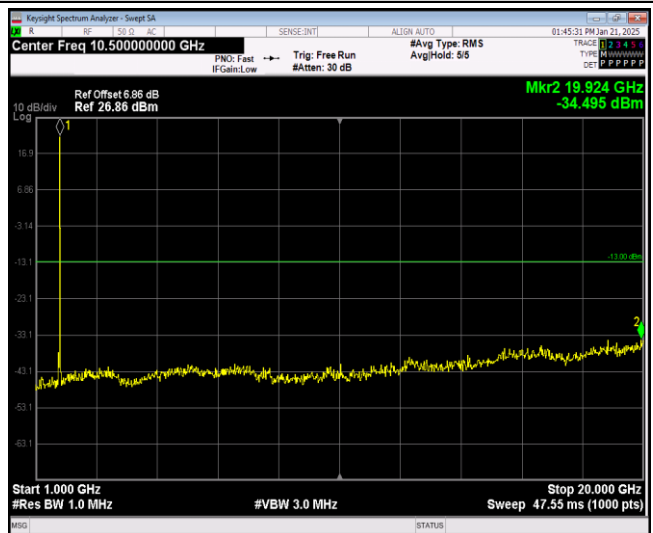
Band66-20MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz



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



Band66-20MHz-64QAM-132572-1RB#0-Range2:1000~20000MHz



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	-19.08	-0.010149	Within authorized band for Band 2	Pass
	-20	-18.31	-0.009739		
	-10	-20.23	-0.010761		
	0	-19.14	-0.010181		
	10	8.54	0.004543		
	20	11.82	0.006287		
	30	-23.36	-0.012426		
	40	-19.58	-0.010415		
	50	-7.24	-0.003851		
16QAM					
3.85	-30	-20.27	-0.010782	Within authorized band for Band 2	Pass
	-20	-4.46	-0.002372		
	-10	-23.67	-0.012590		
	0	-15.02	-0.007989		
	10	-20.01	-0.010644		
	20	-21.06	-0.011202		
	30	-27.08	-0.014404		
	40	-17.47	-0.009293		
	50	-20.06	-0.010670		
64QAM					
3.85	-30	-22.02	-0.011713	Within authorized band for Band 2	Pass
	-20	-20.04	-0.010660		
	-10	18.81	0.010005		
	0	14.88	0.007915		
	10	-15.03	-0.007995		
	20	-17.85	-0.009495		
	30	18.57	0.009878		
	40	14.61	0.007771		
	50	13.49	0.007176		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	14.68	0.007809	Within authorized band for Band 2	Pass
	3.85	-16.25	-0.008644		
	4.40	-16.92	-0.009000		
16QAM					
25	3.50	-17.74	-0.009436	Within authorized band for Band 2	Pass
	3.85	-4.58	-0.002436		
	4.40	-15.68	-0.008340		
64QAM					
25	3.50	14.39	0.007654	Within authorized band for Band 2	Pass
	3.85	7.08	0.003766		
	4.40	11.59	0.006165		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this					

LTE Band 4 part:

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	3.40	0.001962	Within authorized band for Band 4	Pass
	-20	7.04	0.004063		
	-10	10.19	0.005882		
	0	6.64	0.003833		
	10	2.85	0.001645		
	20	-2.66	-0.001535		
	30	-13.35	-0.007706		
	40	5.82	0.003359		
	50	-8.27	-0.004773		
16QAM					
3.85	-30	8.55	0.004935	Within authorized band for Band 4	Pass
	-20	-10.14	-0.005853		
	-10	12.00	0.006926		
	0	5.08	0.002932		
	10	11.10	0.006407		
	20	8.21	0.004739		
	30	10.01	0.005778		
	40	13.16	0.007596		
	50	7.21	0.004162		
64QAM					
3.85	-30	11.83	0.006828	Within authorized band for Band 4	Pass
	-20	10.49	0.006055		
	-10	8.44	0.004872		
	0	7.50	0.004329		
	10	8.55	0.004935		
	20	9.21	0.005316		
	30	15.06	0.008693		
	40	10.16	0.005864		
	50	13.15	0.007590		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	5.97	0.003446	Within authorized band for Band 4	Pass
	3.85	-4.08	-0.002355		
	4.40	-11.44	-0.006603		
16QAM					
25	3.50	-9.44	-0.005449	Within authorized band for Band 4	Pass
	3.85	-9.41	-0.005431		
	4.40	5.91	0.003411		
64QAM					
25	3.50	13.30	0.007677	Within authorized band for Band 4	Pass
	3.85	9.26	0.005345		
	4.40	12.33	0.007117		
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	-3.33	-0.003981	±2.5	Pass
	-20	-1.76	-0.002104		
	-10	-3.46	-0.004136		
	0	-4.13	-0.004937		
	10	-8.71	-0.010412		
	20	5.78	0.006910		
	30	-6.75	-0.008069		
	40	-6.09	-0.007280		
	50	-5.69	-0.006802		
16QAM					
3.85	-30	3.91	0.004674	±2.5	Pass
	-20	-4.71	-0.005631		
	-10	-5.15	-0.006157		
	0	-4.26	-0.005093		
	10	-7.87	-0.009408		
	20	-5.22	-0.006240		
	30	-7.08	-0.008464		
	40	-7.28	-0.008703		
	50	-4.16	-0.004973		
64QAM					
3.85	-30	3.66	0.004375	±2.5	Pass
	-20	-2.42	-0.002893		
	-10	5.69	0.006802		
	0	4.76	0.005690		
	10	-2.69	-0.003216		
	20	5.87	0.007017		
	30	-3.15	-0.003766		
	40	6.29	0.007519		
	50	7.18	0.008583		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	2.70	0.003228	±2.5	Pass
	3.85	-6.39	-0.007639		
	4.40	-3.25	-0.003885		
16QAM					
25	3.50	4.23	0.005057	±2.5	Pass
	3.85	-4.36	-0.005212		
	4.40	4.03	0.004818		
64QAM					
25	3.50	9.47	0.011321	±2.5	Pass
	3.85	4.82	0.005762		
	4.40	3.56	0.004256		
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	-63.71	-0.025132	Within authorized band for Band 7	Pass
	-20	-38.12	-0.015037		
	-10	-51.97	-0.020501		
	0	-66.99	-0.026426		
	10	-51.16	-0.020181		
	20	-49.21	-0.019412		
	30	-53.73	-0.021195		
	40	-50.13	-0.019775		
	50	-52.86	-0.020852		
16QAM					
3.85	-30	-26.29	-0.010371	Within authorized band for Band 7	Pass
	-20	-41.81	-0.016493		
	-10	-5.75	-0.002268		
	0	-25.78	-0.010170		
	10	-26.45	-0.010434		
	20	-50.08	-0.019755		
	30	-24.62	-0.009712		
	40	-39.77	-0.015688		
	50	-40.44	-0.015953		
64QAM					
3.85	-30	-31.96	-0.012607	Within authorized band for Band 7	Pass
	-20	-10.67	-0.004209		
	-10	-34.66	-0.013673		
	0	-35.39	-0.013961		
	10	17.02	0.006714		
	20	-36.69	-0.014473		
	30	9.30	0.003669		
	40	-40.66	-0.016039		
	50	-31.80	-0.012544		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	-63.19	-0.024927	Within authorized band for Band 7	Pass
	3.85	-85.20	-0.033609		
	4.40	-59.44	-0.023448		
16QAM					
25	3.50	-26.64	-0.010509	Within authorized band for Band 7	Pass
	3.85	-36.64	-0.014454		
	4.40	-46.65	-0.018402		
64QAM					
25	3.50	-55.00	-0.021696	Within authorized band for Band 7	Pass
	3.85	-46.02	-0.018154		
	4.40	-38.44	-0.015164		
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	4.89	0.006912	Within authorized band for Band 12	Pass
	-20	-4.73	-0.006686		
	-10	-11.30	-0.015972		
	0	-17.68	-0.024989		
	10	-21.27	-0.030064		
	20	-27.54	-0.038926		
	30	-33.83	-0.047816		
	40	-39.88	-0.056367		
	50	-41.80	-0.059081		
16QAM					
3.85	-30	-33.35	-0.047138	Within authorized band for Band 12	Pass
	-20	-30.63	-0.043293		
	-10	-25.59	-0.036170		
	0	-21.73	-0.030714		
	10	-16.24	-0.022954		
	20	-11.90	-0.016820		
	30	-9.71	-0.013724		
	40	-8.21	-0.011604		
	50	-6.64	-0.009385		
64QAM					
3.85	-30	13.79	0.019491	Within authorized band for Band 12	Pass
	-20	19.27	0.027237		
	-10	20.36	0.028777		
	0	24.30	0.034346		
	10	27.39	0.038714		
	20	29.43	0.041597		
	30	34.45	0.048693		
	40	35.96	0.050827		
	50	39.84	0.056311		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	18.83	0.026615	Within authorized band for Band 12	Pass
	3.85	22.42	0.031689		
	4.40	11.87	0.016777		
16QAM					
25	3.50	-41.73	-0.058982	Within authorized band for Band 12	Pass
	3.85	-45.89	-0.064862		
	4.40	-37.11	-0.052452		
64QAM					
25	3.50	2.98	0.004212	Within authorized band for Band 12	Pass
	3.85	-5.61	-0.007929		
	4.40	10.13	0.014318		
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	-9.56	-0.013465	Within authorized band for Band 17	Pass
	-20	-17.41	-0.024521		
	-10	-26.28	-0.037014		
	0	-30.44	-0.042873		
	10	-39.08	-0.055042		
	20	-41.67	-0.058690		
	30	2.22	0.003127		
	40	-5.71	-0.008042		
	50	-9.67	-0.013620		
16QAM					
3.85	-30	-3.15	-0.004437	Within authorized band for Band 17	Pass
	-20	2.47	0.003479		
	-10	4.18	0.005887		
	0	3.85	0.005423		
	10	7.28	0.010254		
	20	8.71	0.012268		
	30	9.66	0.013606		
	40	9.86	0.013887		
	50	12.75	0.017958		
64QAM					
3.85	-30	29.91	0.042127	Within authorized band for Band 17	Pass
	-20	36.48	0.051380		
	-10	41.61	0.058606		
	0	46.99	0.066183		
	10	6.57	0.009254		
	20	10.63	0.014972		
	30	13.16	0.018535		
	40	16.54	0.023296		
	50	21.24	0.029915		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	9.26	0.013042	Within authorized band for Band 17	Pass
	3.85	17.57	0.024746		
	4.40	-2.42	-0.003408		
16QAM					
25	3.50	-9.24	-0.013014	Within authorized band for Band 17	Pass
	3.85	-12.57	-0.017704		
	4.40	-6.09	-0.008577		
64QAM					
25	3.50	19.93	0.028070	Within authorized band for Band 17	Pass
	3.85	13.43	0.018915		
	4.40	26.28	0.037014		
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 (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-16.47	-0.020110	Within authorized band for Band 26	Pass
	-20	-11.43	-0.013956		
	-10	-39.40	-0.048107		
	0	-13.46	-0.016435		
	10	-32.70	-0.039927		
	20	-37.51	-0.045800		
	30	-44.79	-0.054689		
	40	-44.90	-0.054823		
	50	-33.86	-0.041343		
16QAM					
3.85	-30	-5.12	-0.006252	Within authorized band for Band 26	Pass
	-20	-23.62	-0.028840		
	-10	-43.12	-0.052650		
	0	-11.59	-0.014151		
	10	-26.81	-0.032735		
	20	-40.93	-0.049976		
	30	-4.09	-0.004994		
	40	-16.41	-0.020037		
	50	-28.05	-0.034249		
64QAM					
3.85	-30	-9.68	-0.011819	Within authorized band for Band 26	Pass
	-20	-16.52	-0.020171		
	-10	-19.81	-0.024188		
	0	-19.56	-0.023883		
	10	-24.45	-0.029853		
	20	-34.65	-0.042308		
	30	-40.84	-0.049866		
	40	-47.54	-0.058046		
	50	-4.99	-0.006093		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	-10.94	-0.013358	Within authorized band for Band 26	Pass
	3.85	-50.94	-0.062198		
	4.40	-10.30	-0.012576		
16QAM					
25	3.50	-9.47	-0.011563	Within authorized band for Band 26	Pass
	3.85	-26.08	-0.031844		
	4.40	-31.66	-0.038657		
64QAM					
25	3.50	4.28	0.005226	Within authorized band for Band 26	Pass
	3.85	-40.23	-0.049121		
	4.40	-3.16	-0.003858		
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 (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-7.94	-0.009492	Within authorized band for Band 26	Pass
	-20	-17.64	-0.021088		
	-10	-26.48	-0.031656		
	0	-34.29	-0.040992		
	10	-43.02	-0.051429		
	20	-48.72	-0.058243		
	30	3.92	0.004686		
	40	-7.52	-0.008990		
	50	-9.54	-0.011405		
16QAM					
3.85	-30	-1.77	-0.002116	Within authorized band for Band 26	Pass
	-20	6.35	0.007591		
	-10	8.68	0.010377		
	0	13.19	0.015768		
	10	14.00	0.016736		
	20	16.38	0.019582		
	30	18.70	0.022355		
	40	22.00	0.026300		
	50	22.47	0.026862		
64QAM					
3.85	-30	47.29	0.056533	Within authorized band for Band 26	Pass
	-20	5.62	0.006718		
	-10	12.29	0.014692		
	0	20.69	0.024734		
	10	24.18	0.028906		
	20	28.84	0.034477		
	30	32.53	0.038888		
	40	36.02	0.043060		
	50	41.16	0.049205		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	14.53	0.017370	Within authorized band for Band 26	Pass
	3.85	15.28	0.018267		
	4.40	7.07	0.008452		
16QAM					
25	3.50	-11.59	-0.013855	Within authorized band for Band 26	Pass
	3.85	-13.66	-0.016330		
	4.40	-9.27	-0.011082		
64QAM					
25	3.50	32.93	0.039366	Within authorized band for Band 26	Pass
	3.85	29.54	0.035314		
	4.40	39.97	0.047782		
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	-23.42	-0.009025	Within authorized band for Band 38	Pass
	-20	-48.68	-0.018759		
	-10	-21.87	-0.008428		
	0	-50.63	-0.019511		
	10	-26.81	-0.010331		
	20	-54.13	-0.020859		
	30	-48.85	-0.018825		
	40	-42.24	-0.016277		
	50	-28.72	-0.011067		
16QAM					
3.85	-30	-10.90	-0.004200	Within authorized band for Band 38	Pass
	-20	12.15	0.004682		
	-10	22.52	0.008678		
	0	35.45	0.013661		
	10	46.95	0.018092		
	20	54.16	0.020871		
	30	14.95	0.005761		
	40	12.76	0.004917		
	50	-10.33	-0.003981		
64QAM					
3.85	-30	14.66	0.005649	Within authorized band for Band 38	Pass
	-20	32.43	0.012497		
	-10	8.58	0.003306		
	0	22.95	0.008844		
	10	41.60	0.016031		
	20	26.94	0.010382		
	30	28.91	0.011141		
	40	40.38	0.015561		
	50	49.72	0.019160		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	36.28	0.013981	Within authorized band for Band 38	Pass
	3.85	39.95	0.015395		
	4.40	17.47	0.006732		
16QAM					
25	3.50	-39.93	-0.015387	Within authorized band for Band 38	Pass
	3.85	-49.80	-0.019191		
	4.40	-32.89	-0.012674		
64QAM					
25	3.50	-32.82	-0.012647	Within authorized band for Band 38	Pass
	3.85	-39.83	-0.015349		
	4.40	-20.44	-0.007877		
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 (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.85	-30	-58.57	-0.022570	Within authorized band for Band 41	Pass
	-20	-34.40	-0.013256		
	-10	-60.34	-0.023252		
	0	-37.42	-0.014420		
	10	-58.54	-0.022559		
	20	-13.82	-0.005326		
	30	-22.96	-0.008848		
	40	-30.57	-0.011780		
	50	-29.27	-0.011279		
16QAM					
3.85	-30	-7.20	-0.002775	Within authorized band for Band 41	Pass
	-20	22.16	0.008539		
	-10	32.66	0.012586		
	0	43.87	0.016906		
	10	11.36	0.004378		
	20	17.11	0.006593		
	30	14.46	0.005572		
	40	10.93	0.004212		
	50	31.84	0.012270		
64QAM					
3.85	-30	29.25	0.011272	Within authorized band for Band 41	Pass
	-20	38.91	0.014994		
	-10	-8.35	-0.003218		
	0	-11.77	-0.004536		
	10	7.30	0.002813		
	20	22.76	0.008771		
	30	33.06	0.012740		
	40	10.21	0.003934		
	50	-28.27	-0.010894		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	48.34	0.018628	Within authorized band for Band 41	Pass
	3.85	34.15	0.013160		
	4.40	-23.62	-0.009102		
16QAM					
25	3.50	-34.49	-0.013291	Within authorized band for Band41	Pass
	3.85	-29.74	-0.011461		
	4.40	-22.95	-0.008844		
64QAM					
25	3.50	43.87	0.016906	Within authorized band for Band41	Pass
	3.85	37.19	0.014331		
	4.40	42.90	0.016532		
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	-14.76	-0.008458	Within authorized band for Band 66	Pass
	-20	-26.14	-0.014980		
	-10	-21.20	-0.012149		
	0	-49.72	-0.028493		
	10	-41.18	-0.023599		
	20	-23.13	-0.013255		
	30	-46.39	-0.026585		
	40	-6.44	-0.003691		
	50	-25.56	-0.014648		
16QAM					
3.85	-30	-5.91	-0.003387	Within authorized band for Band 66	Pass
	-20	19.35	0.011089		
	-10	27.55	0.015788		
	0	29.64	0.016986		
	10	28.88	0.016550		
	20	26.08	0.014946		
	30	15.54	0.008905		
	40	16.55	0.009484		
	50	13.39	0.007673		
64QAM					
3.85	-30	-9.81	-0.005622	Within authorized band for Band 66	Pass
	-20	10.34	0.005926		
	-10	-9.58	-0.005490		
	0	11.66	0.006682		
	10	26.84	0.015381		
	20	-9.90	-0.005673		
	30	3.85	0.002206		
	40	10.77	0.006172		
	50	18.61	0.010665		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.50	-8.11	-0.004648	Within authorized band for Band 66	Pass
	3.85	11.00	0.006304		
	4.40	-16.34	-0.009364		
16QAM					
25	3.50	-4.43	-0.002539	Within authorized band for Band 66	Pass
	3.85	-40.23	-0.023054		
	4.40	-6.72	-0.003851		
64QAM					
25	3.50	30.68	0.017582	Within authorized band for Band 66	Pass
	3.85	13.65	0.007822		
	4.40	-23.39	-0.013404		
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

