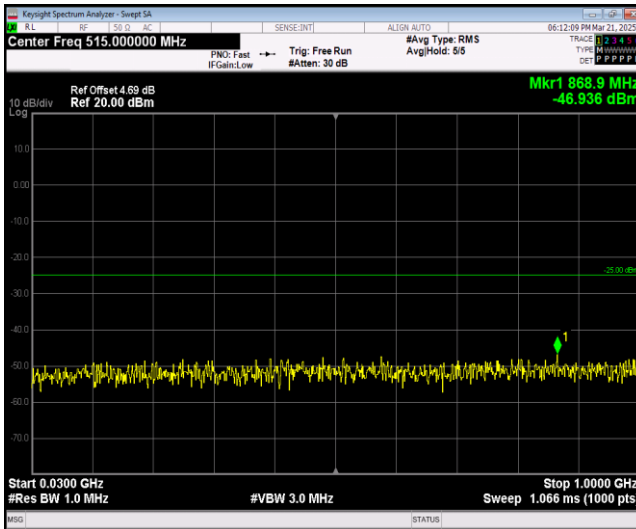


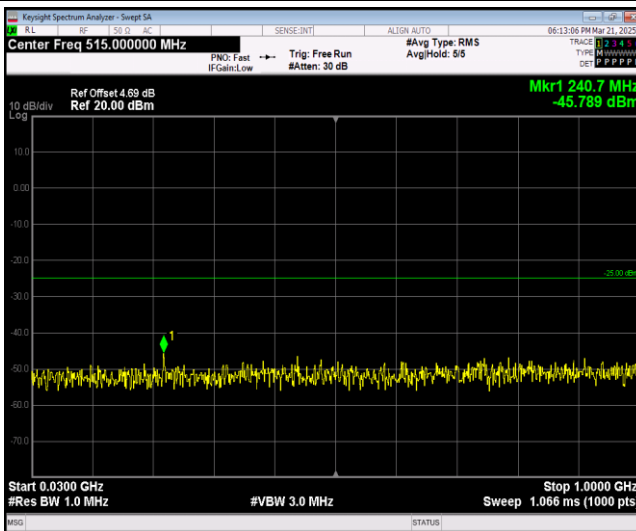
Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1
000MHz



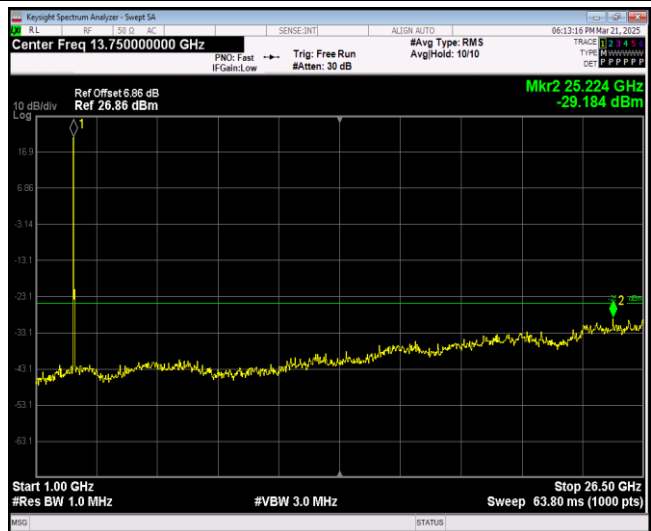
Band38-20MHz-16QAM-37850-1RB#0-Range2:1000
~26500MHz



Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1
000MHz



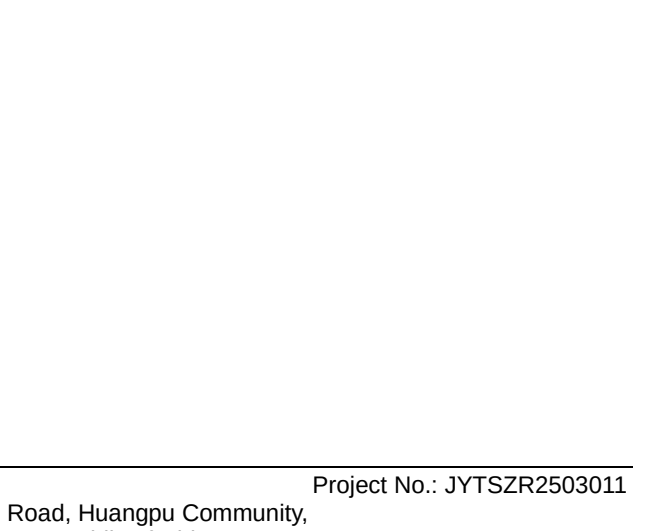
Band38-20MHz-16QAM-38000-1RB#0-Range2:1000
~26500MHz

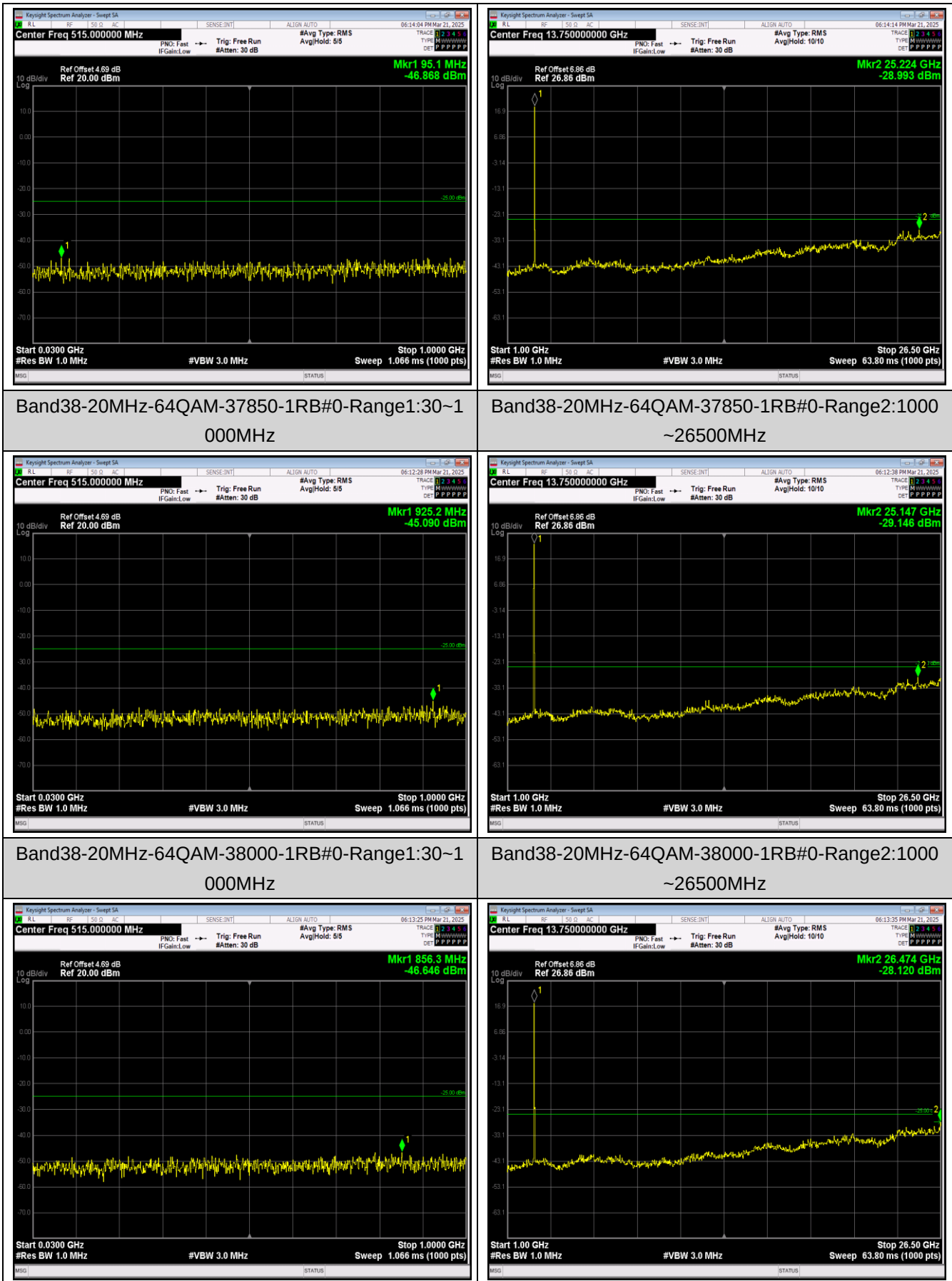


Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1
000MHz

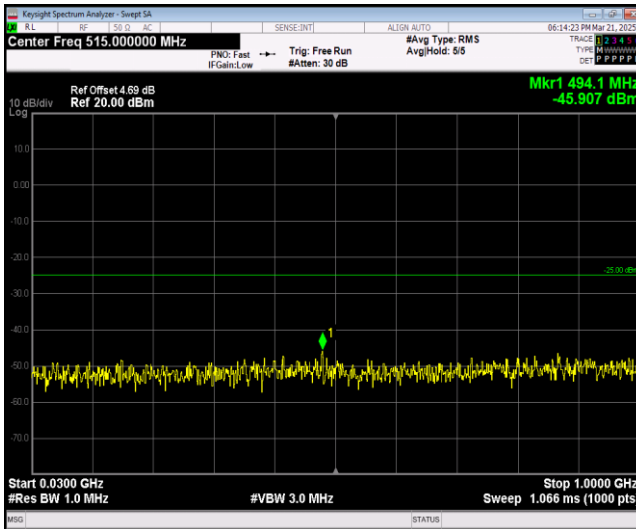


Band38-20MHz-16QAM-38150-1RB#0-Range2:1000
~26500MHz





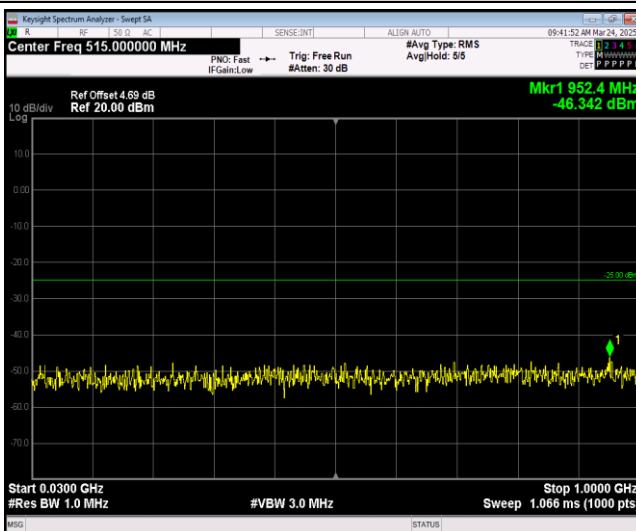
Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1
000MHz



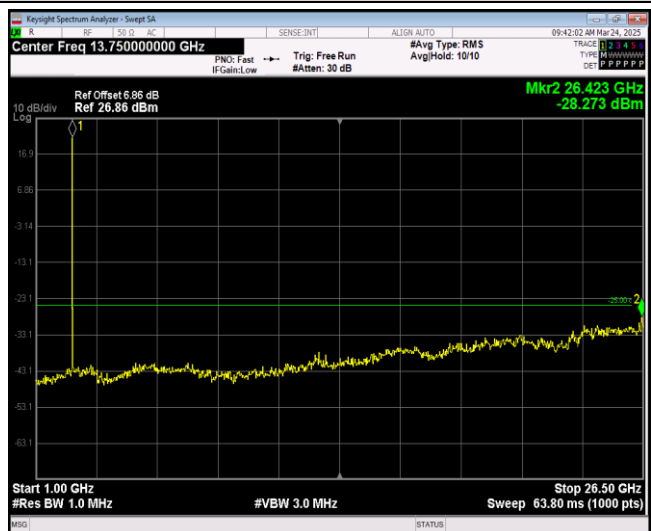
Band38-20MHz-64QAM-38150-1RB#0-Range2:1000
~26500MHz



Band41-5MHz-QPSK-40065-1RB#0-Range1:30~100
0MHz

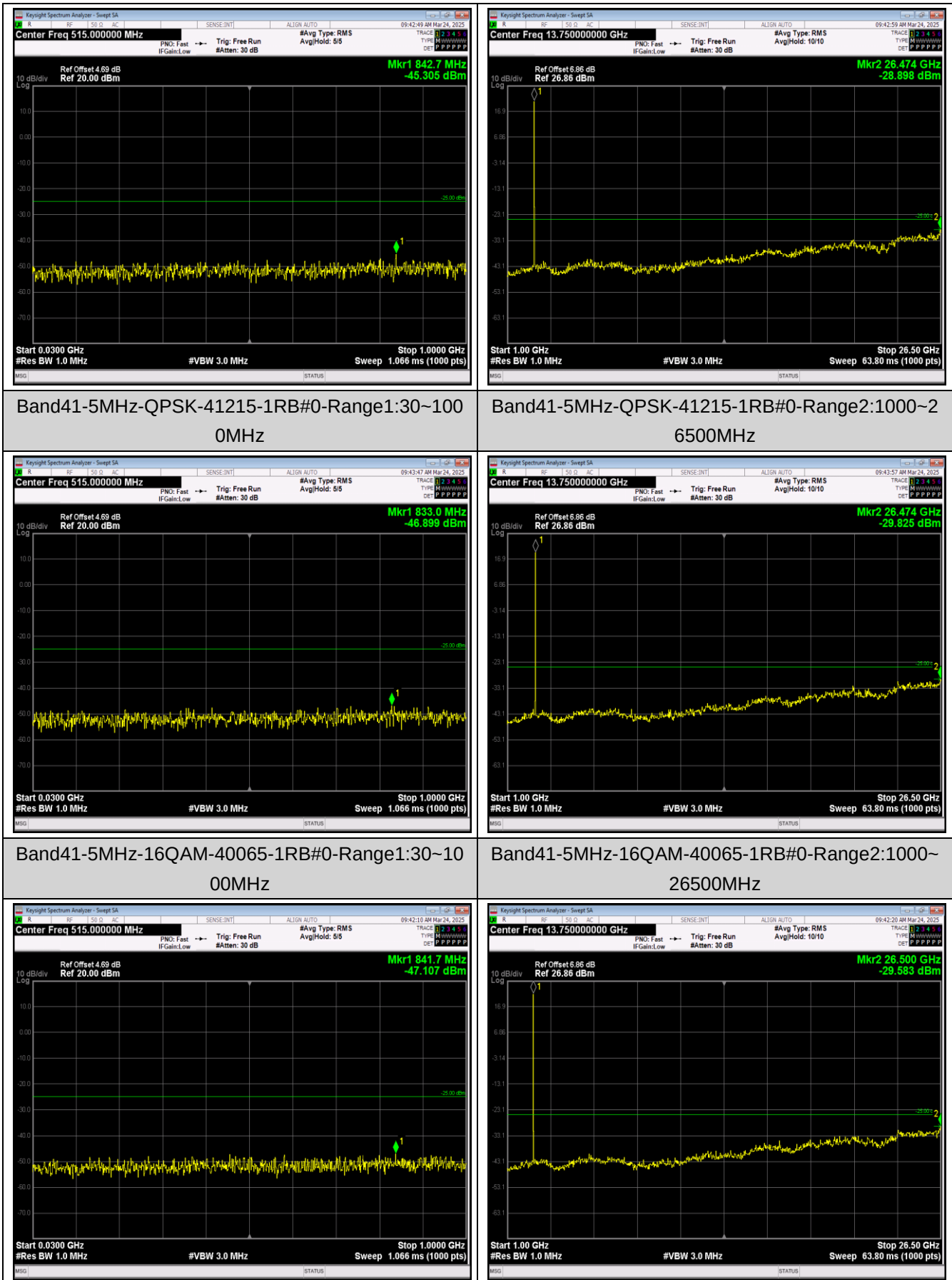


Band41-5MHz-QPSK-40065-1RB#0-Range2:1000~2
6500MHz



Band41-5MHz-QPSK-40640-1RB#0-Range1:30~100
0MHz

Band41-5MHz-QPSK-40640-1RB#0-Range2:1000~2
6500MHz



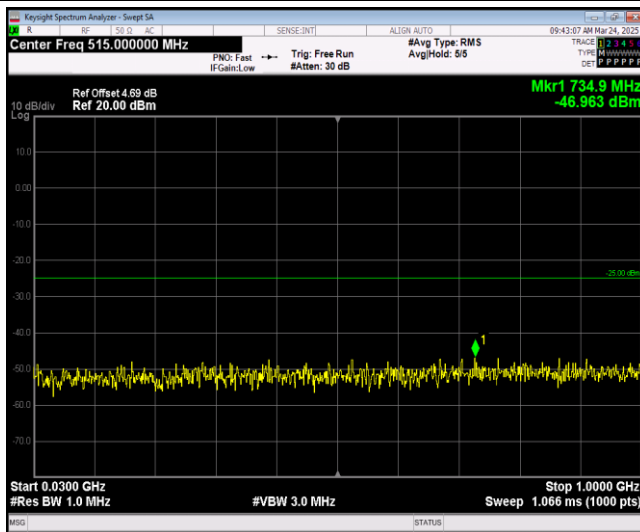
Band41-5MHz-QPSK-41215-1RB#0-Range1:30~100
0MHz

Band41-5MHz-QPSK-41215-1RB#0-Range2:1000~2
6500MHz

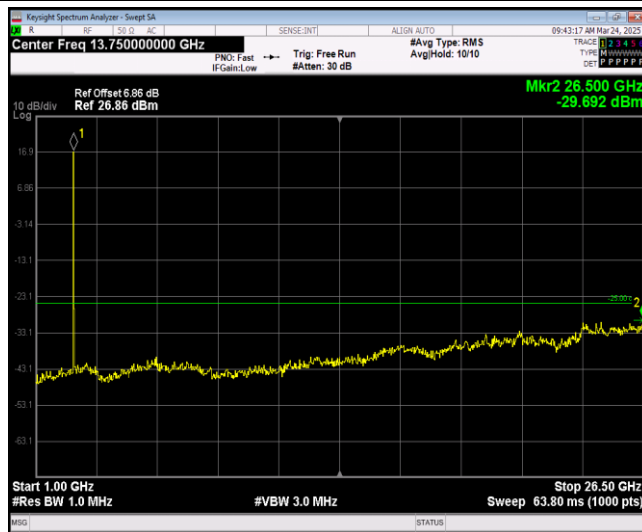
Band41-5MHz-16QAM-40065-1RB#0-Range1:30~10
00MHz

Band41-5MHz-16QAM-40065-1RB#0-Range2:1000~
26500MHz

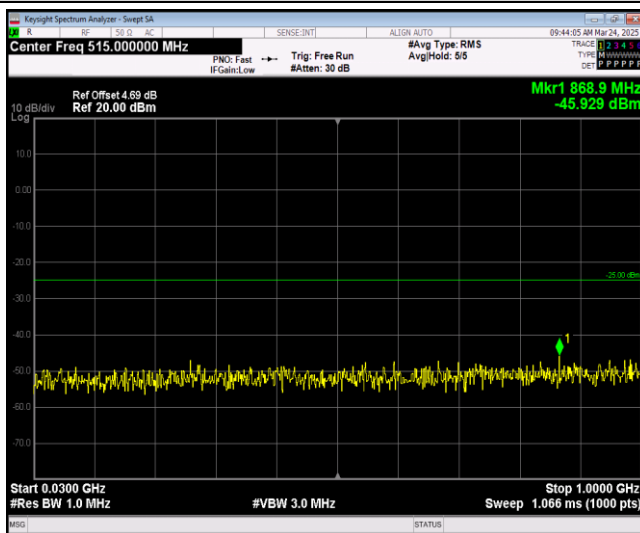
Band41-5MHz-16QAM-40640-1RB#0-Range1:30~10
00MHz



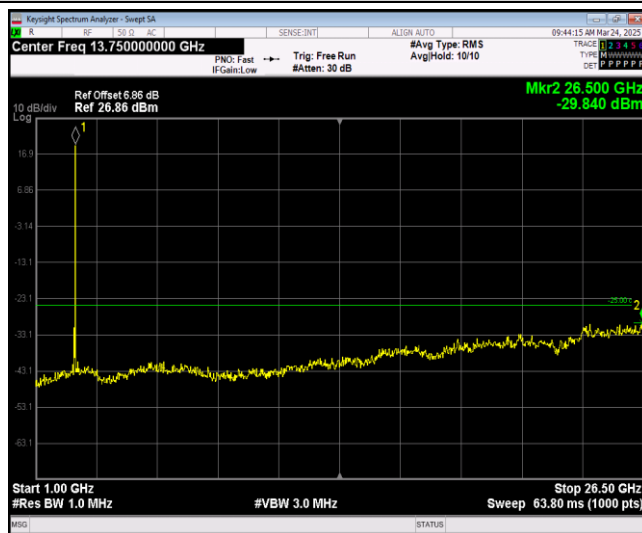
Band41-5MHz-16QAM-40640-1RB#0-Range2:1000~
26500MHz



Band41-5MHz-16QAM-41215-1RB#0-Range1:30~10
00MHz

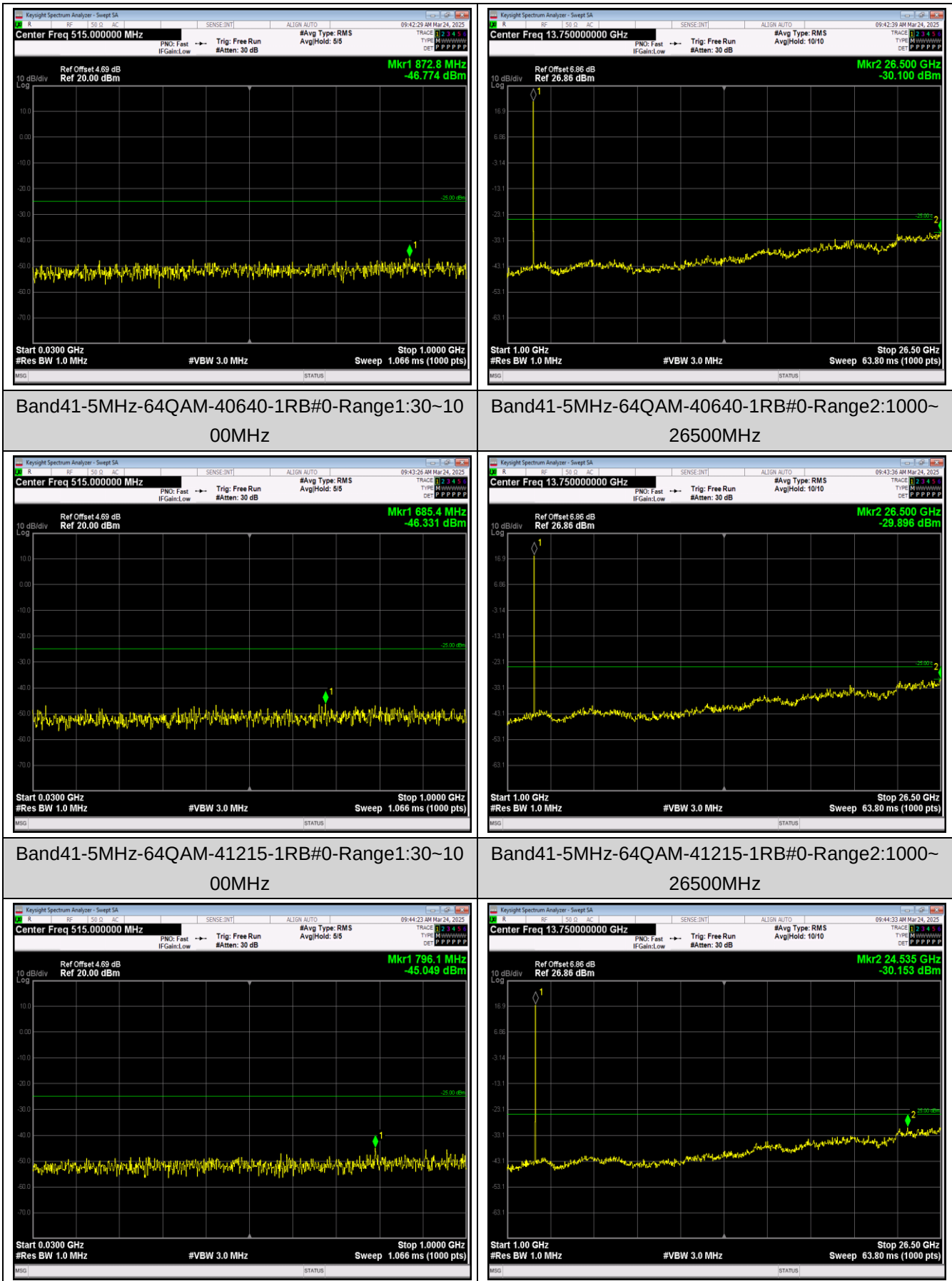


Band41-5MHz-16QAM-41215-1RB#0-Range2:1000~
26500MHz

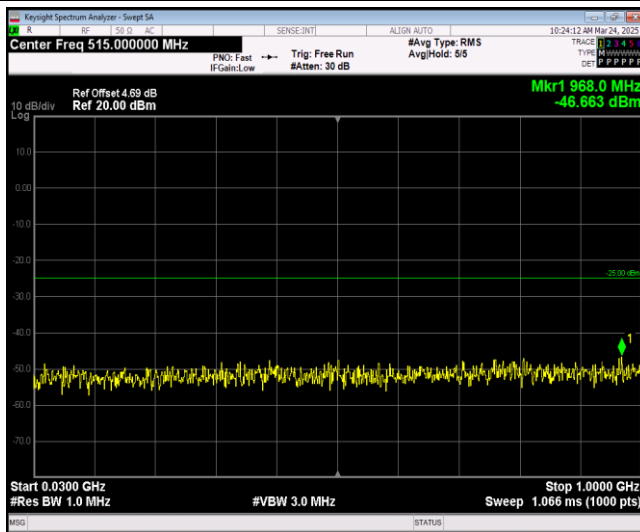


Band41-5MHz-64QAM-40065-1RB#0-Range1:30~10
00MHz

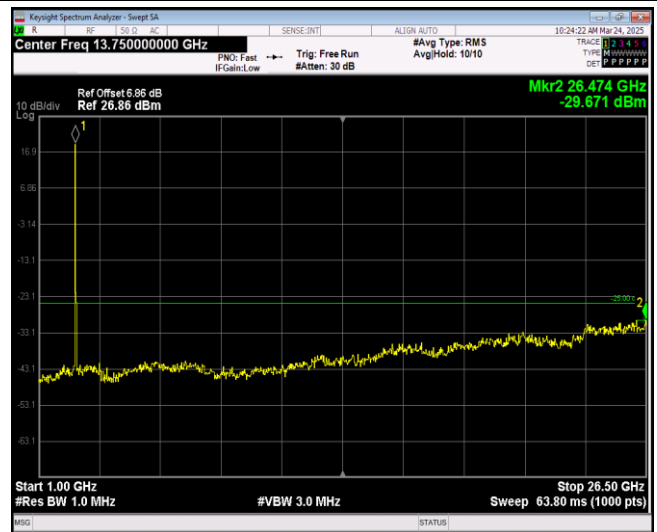
Band41-5MHz-64QAM-40065-1RB#0-Range2:1000~
26500MHz



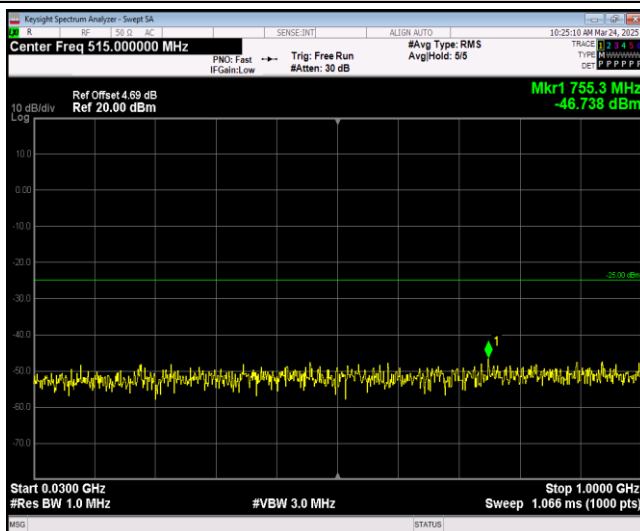
Band41-20MHz-QPSK-40140-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-40140-1RB#0-Range2:1000~26500MHz



Band41-20MHz-QPSK-40640-1RB#0-Range1:30~1000MHz



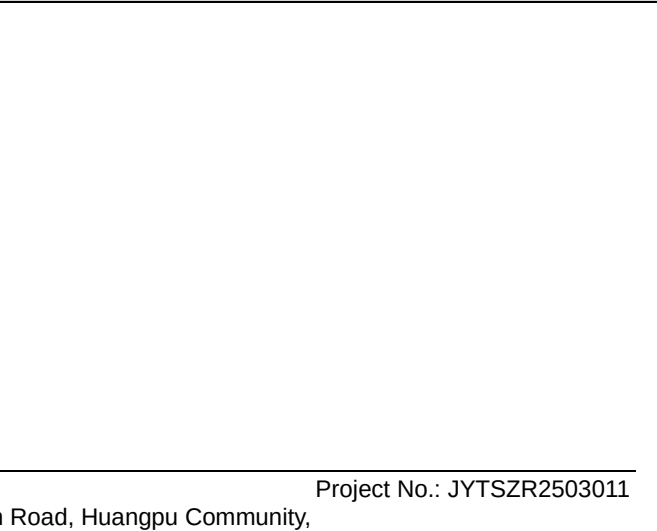
Band41-20MHz-QPSK-40640-1RB#0-Range2:1000~26500MHz

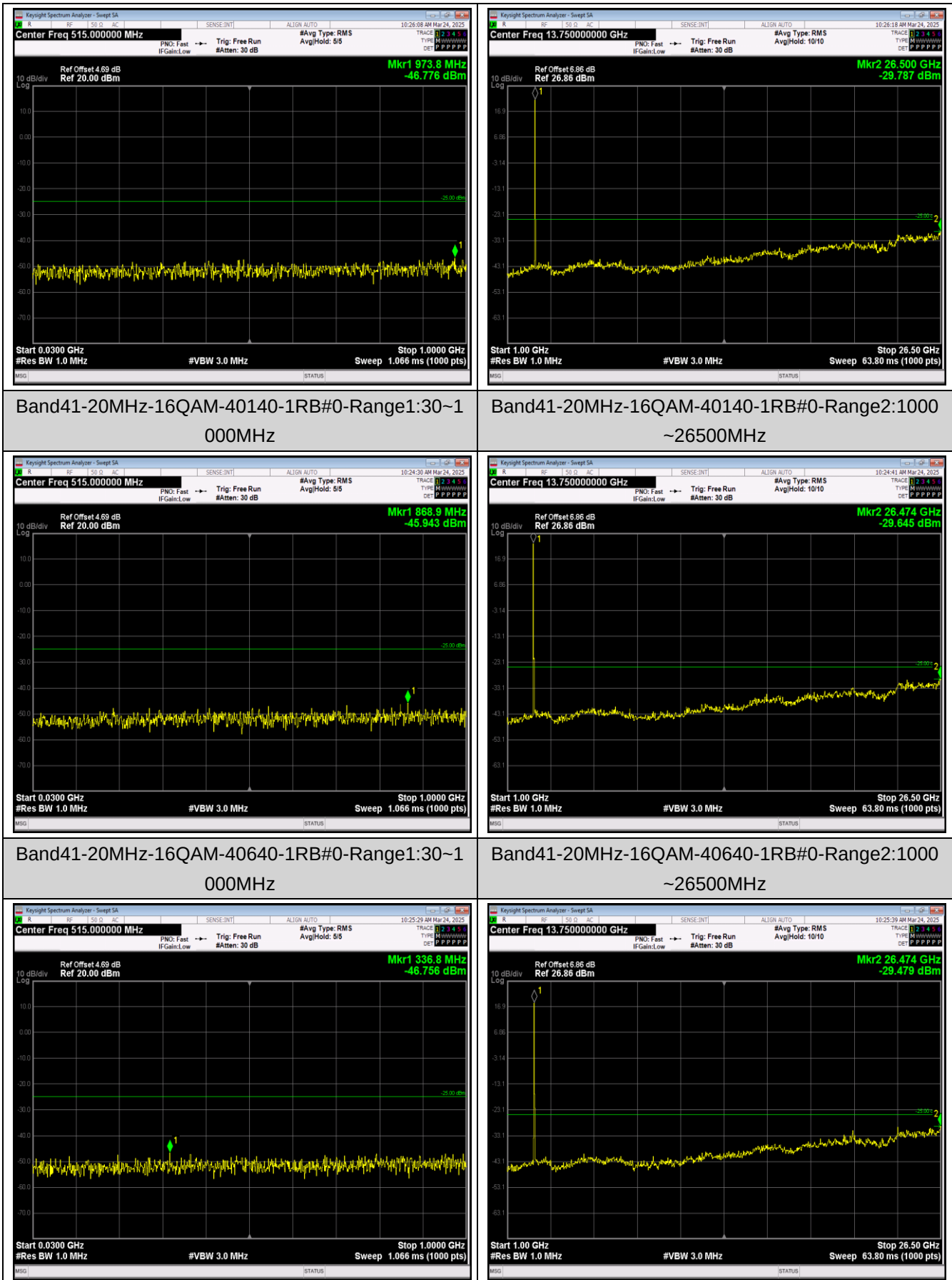


Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz

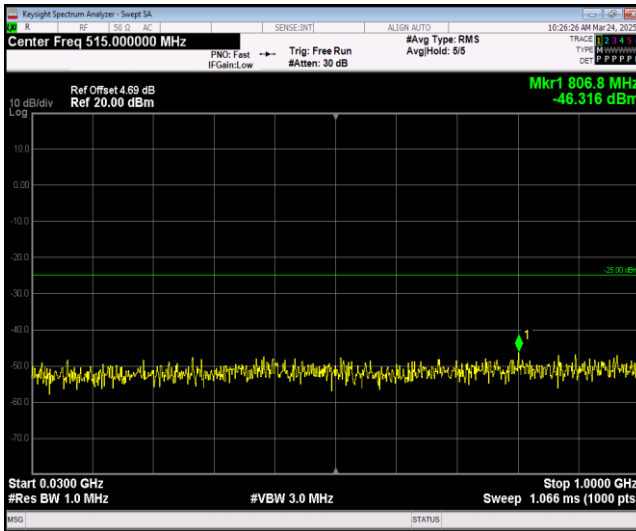


Band41-20MHz-QPSK-41140-1RB#0-Range2:1000~26500MHz





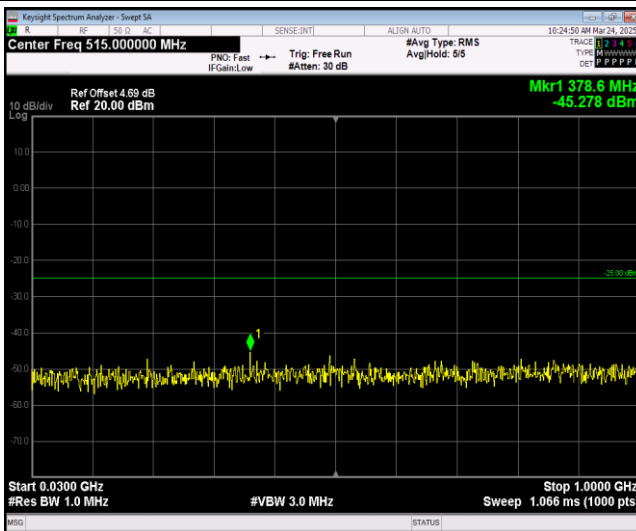
Band41-20MHz-16QAM-41140-1RB#0-Range1:30~1
000MHz



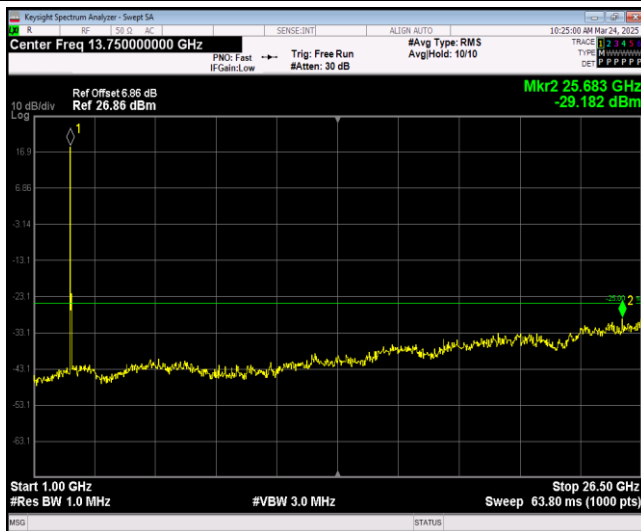
Band41-20MHz-16QAM-41140-1RB#0-Range2:1000
~26500MHz



Band41-20MHz-64QAM-40140-1RB#0-Range1:30~1
000MHz

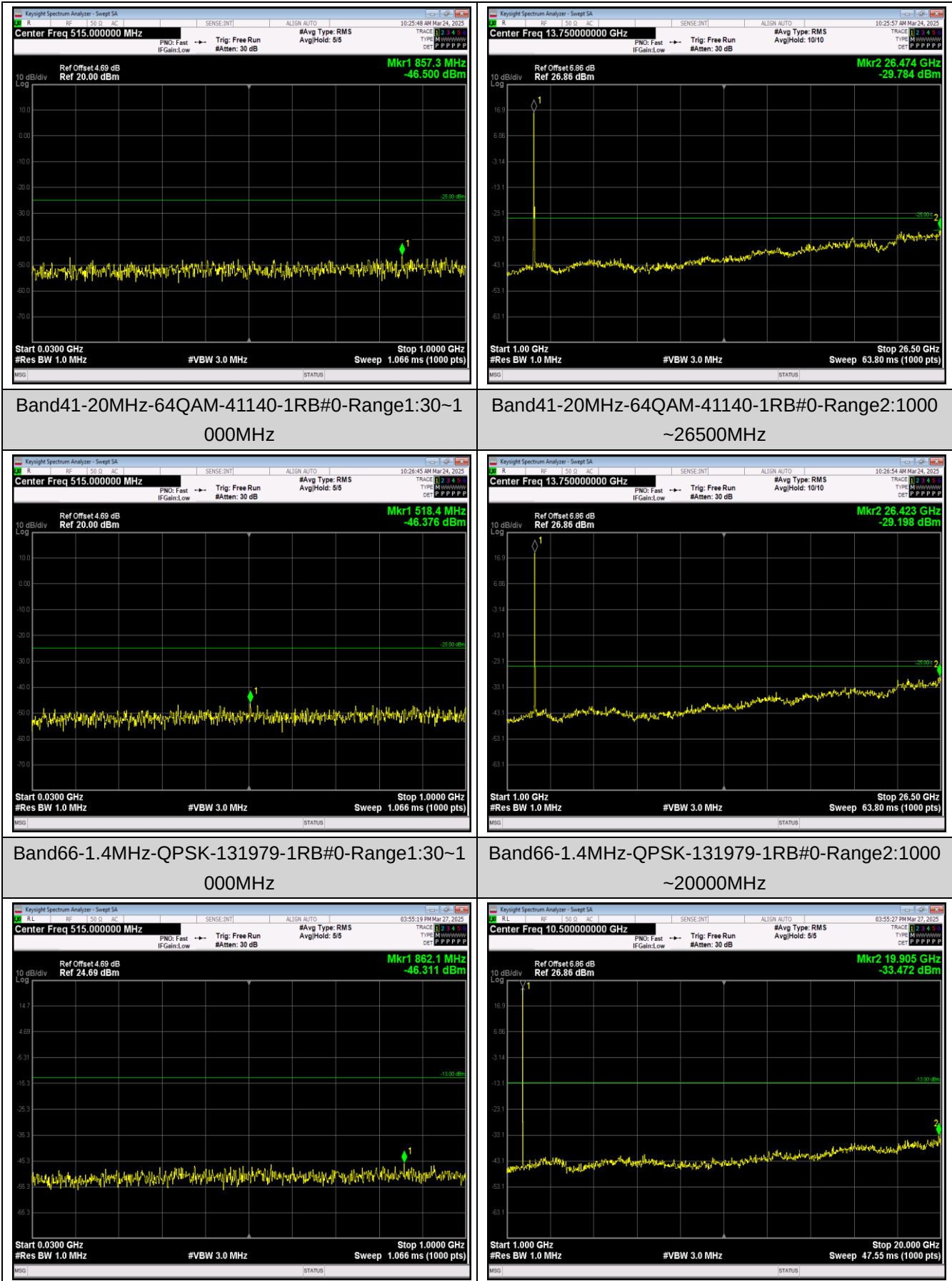


Band41-20MHz-64QAM-40140-1RB#0-Range2:1000
~26500MHz

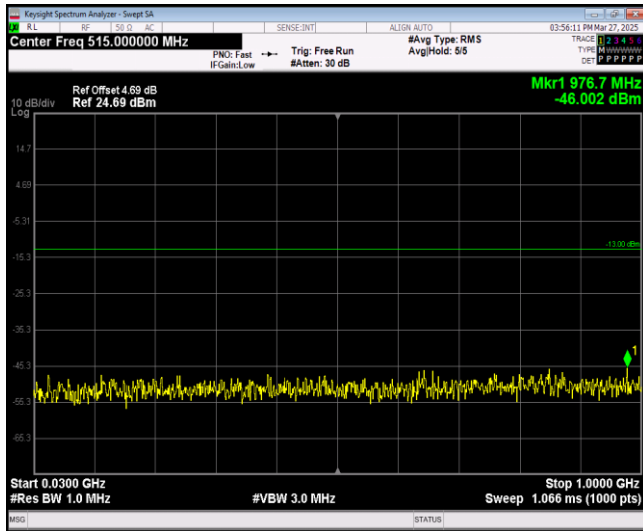


Band41-20MHz-64QAM-40640-1RB#0-Range1:30~1
000MHz

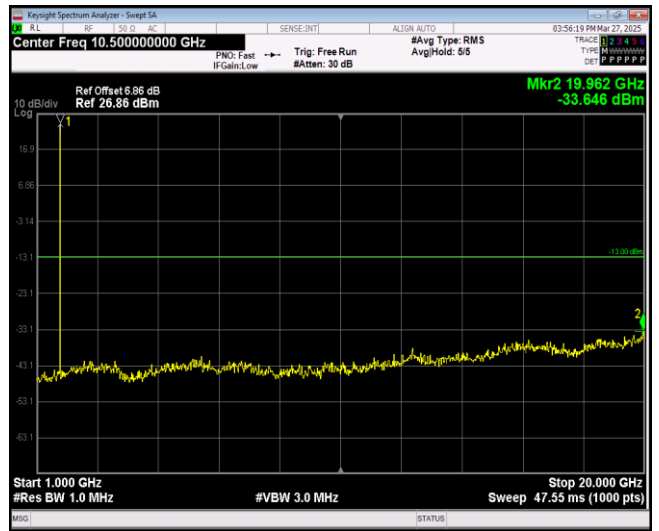
Band41-20MHz-64QAM-40640-1RB#0-Range2:1000
~26500MHz



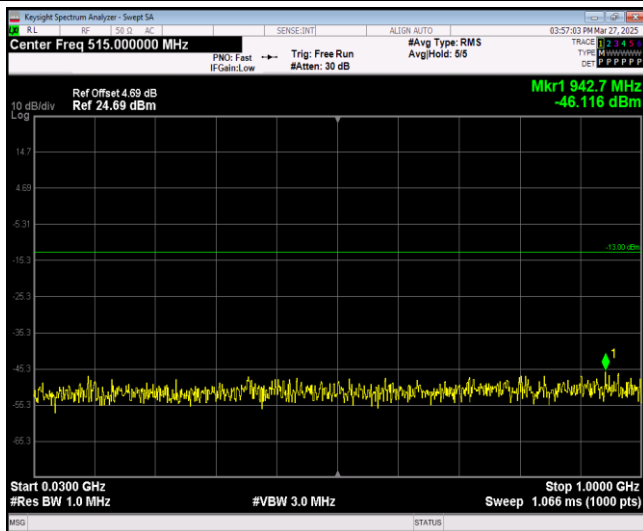
Band66-1.4MHz-QPSK-132322-1RB#0-Range1:30~1
000MHz



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



Band66-1.4MHz-QPSK-132665-1RB#0-Range1:30~1
000MHz

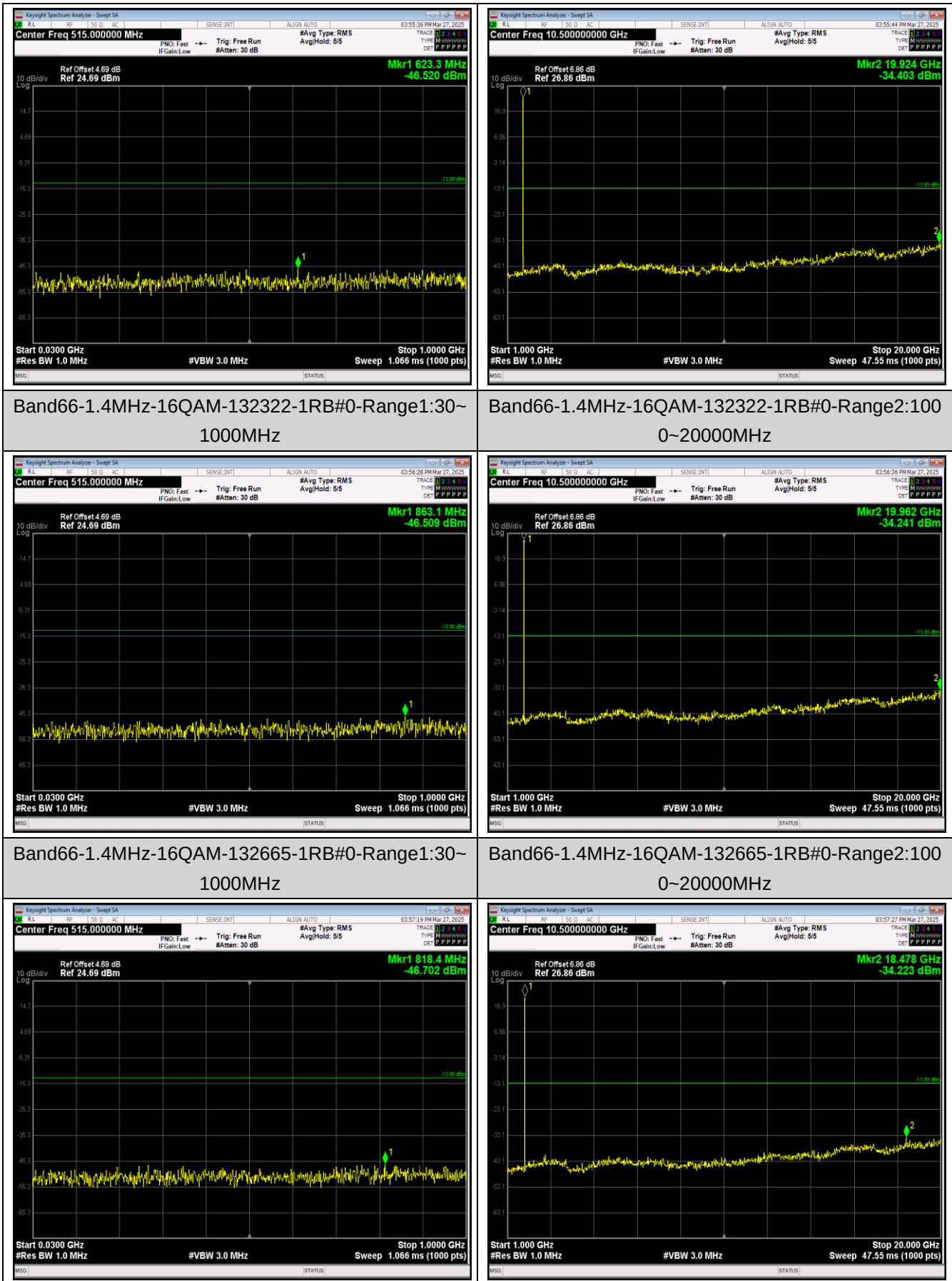


Band66-1.4MHz-QPSK-132665-1RB#0-Range2:1000
~20000MHz

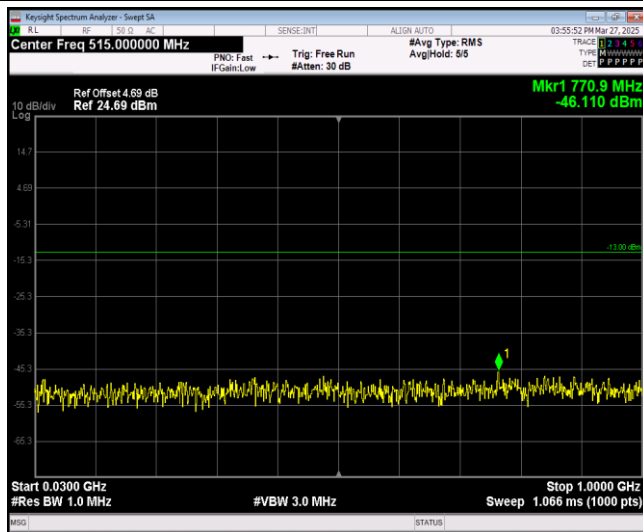


Band66-1.4MHz-16QAM-131979-1RB#0-Range1:30~
1000MHz

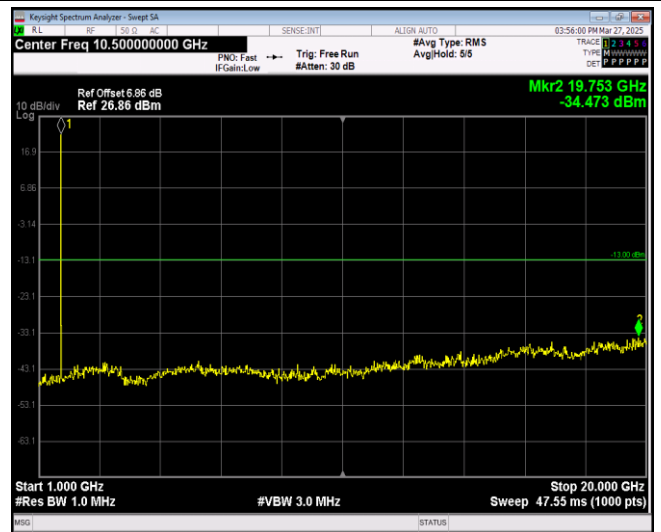
Band66-1.4MHz-16QAM-131979-1RB#0-Range2:100
0~20000MHz



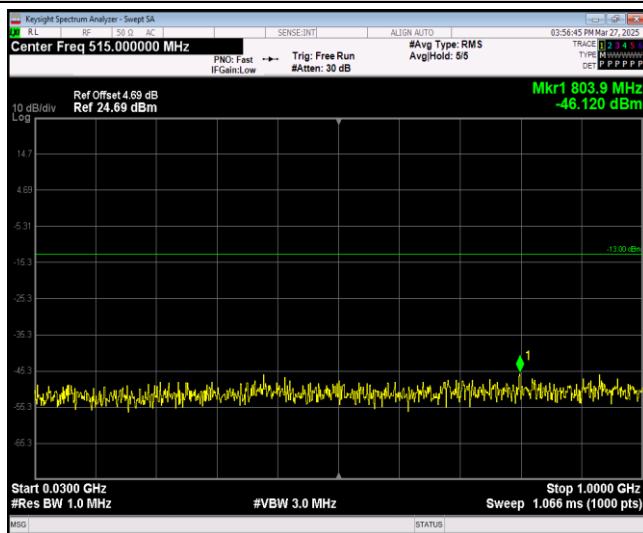
Band66-1.4MHz-64QAM-131979-1RB#0-Range1:30~1000MHz



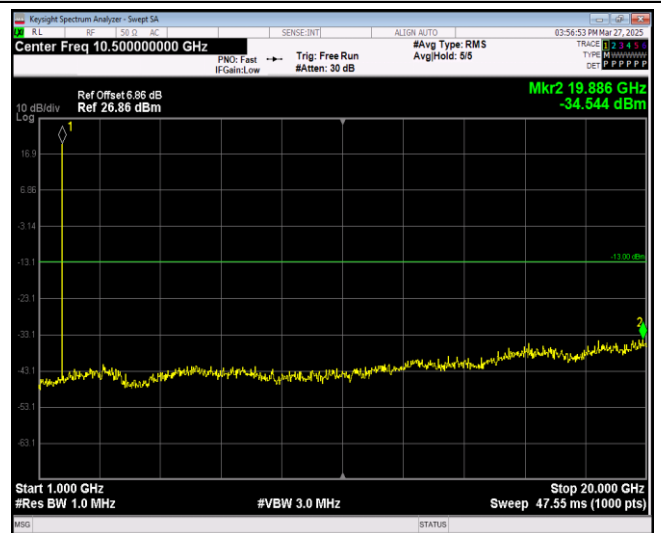
Band66-1.4MHz-64QAM-131979-1RB#0-Range2:1000~20000MHz



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



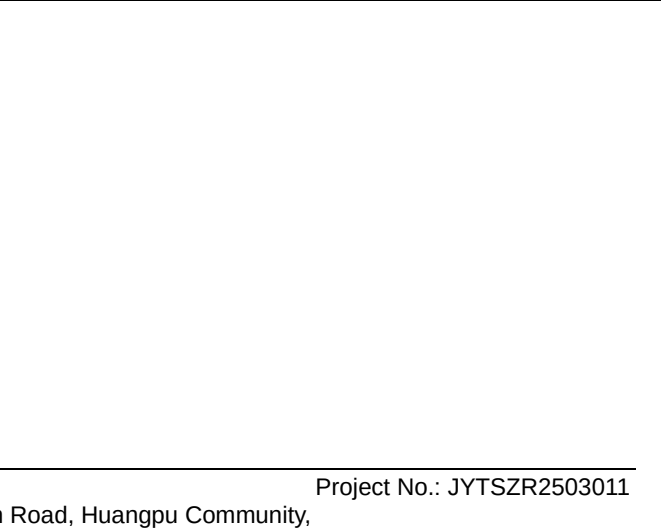
Band66-1.4MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz

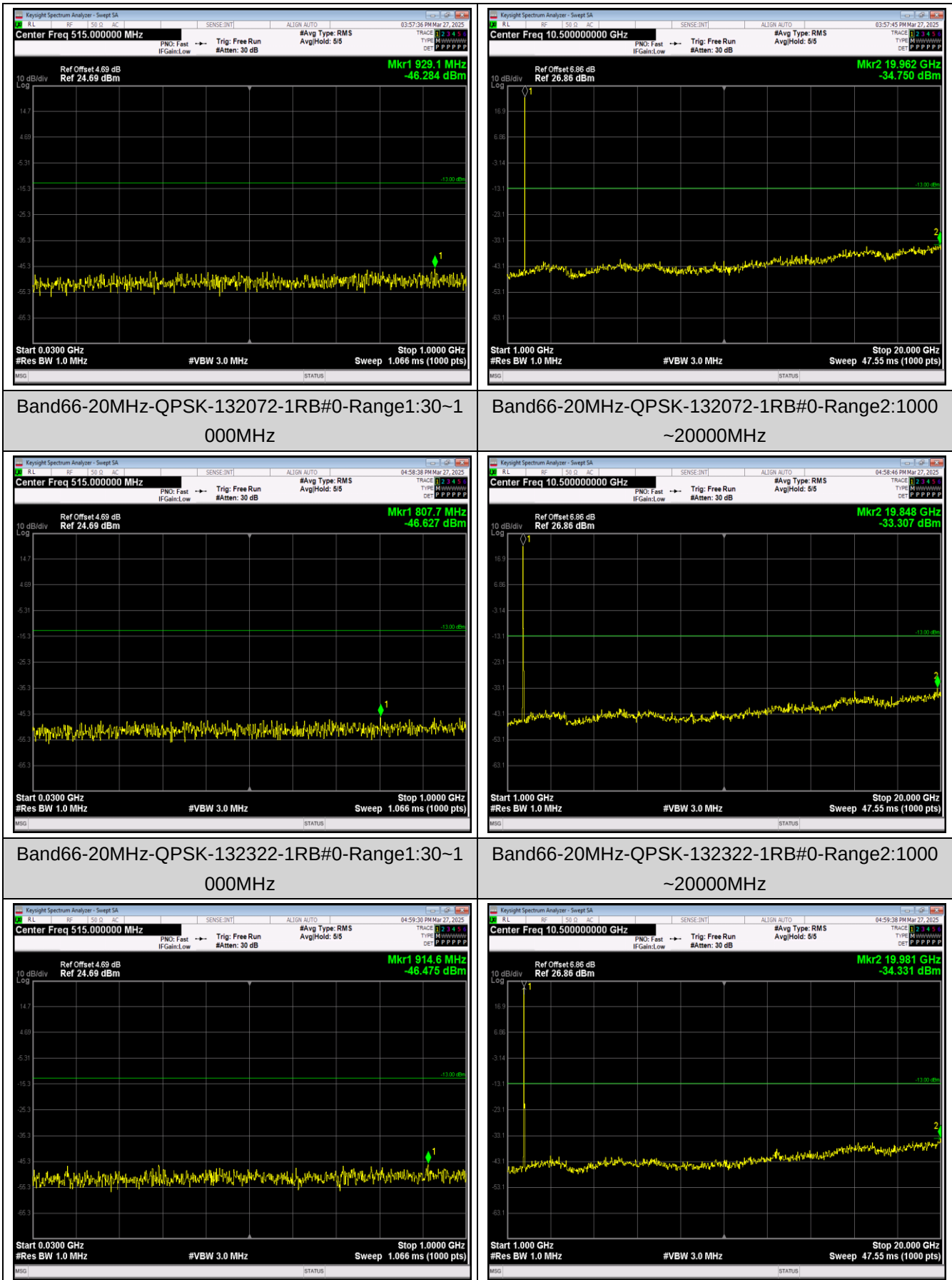


Band66-1.4MHz-64QAM-132665-1RB#0-Range1:30~1000MHz

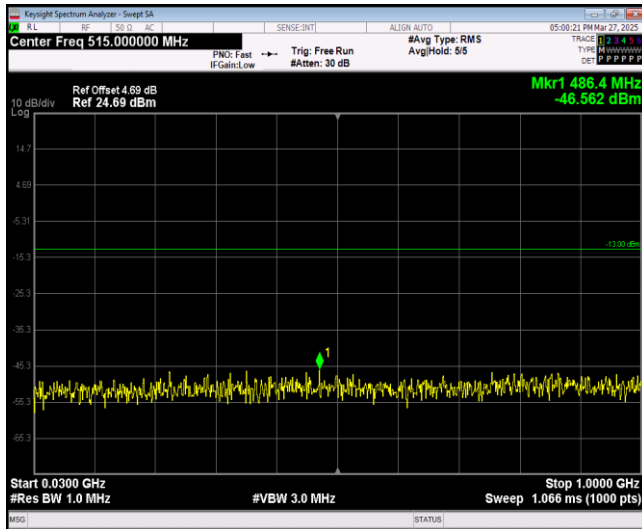


Band66-1.4MHz-64QAM-132665-1RB#0-Range2:1000~20000MHz

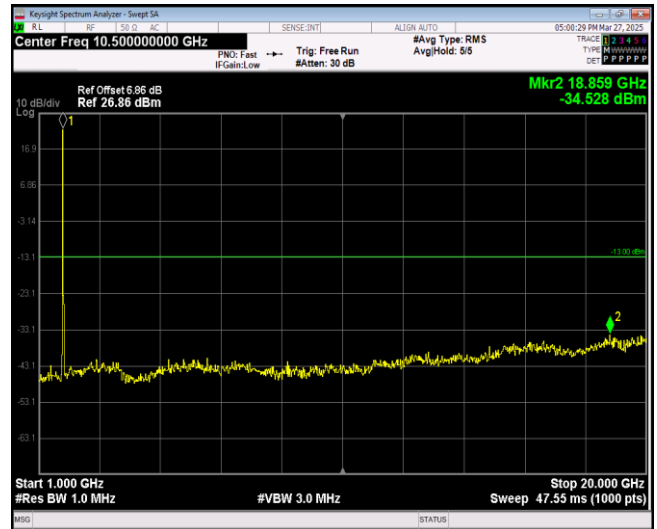




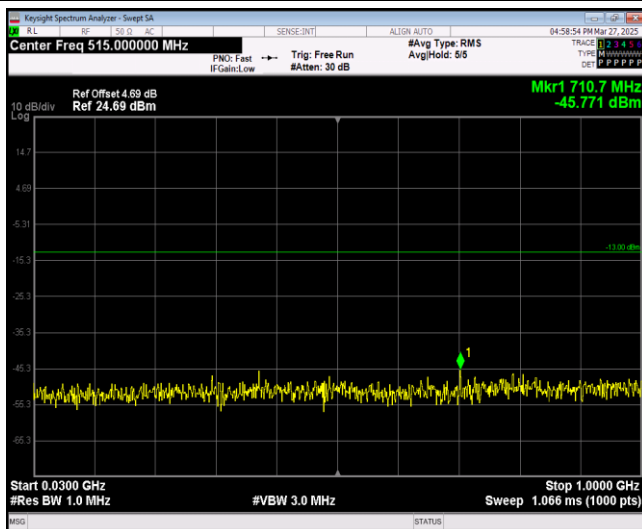
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1
000MHz



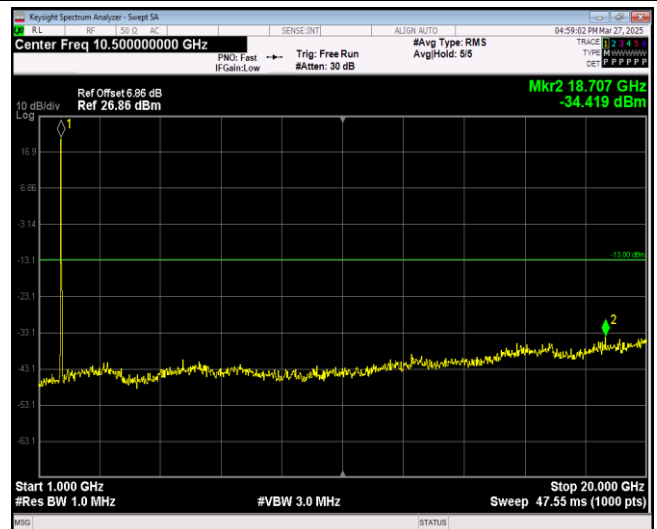
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000
~20000MHz



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

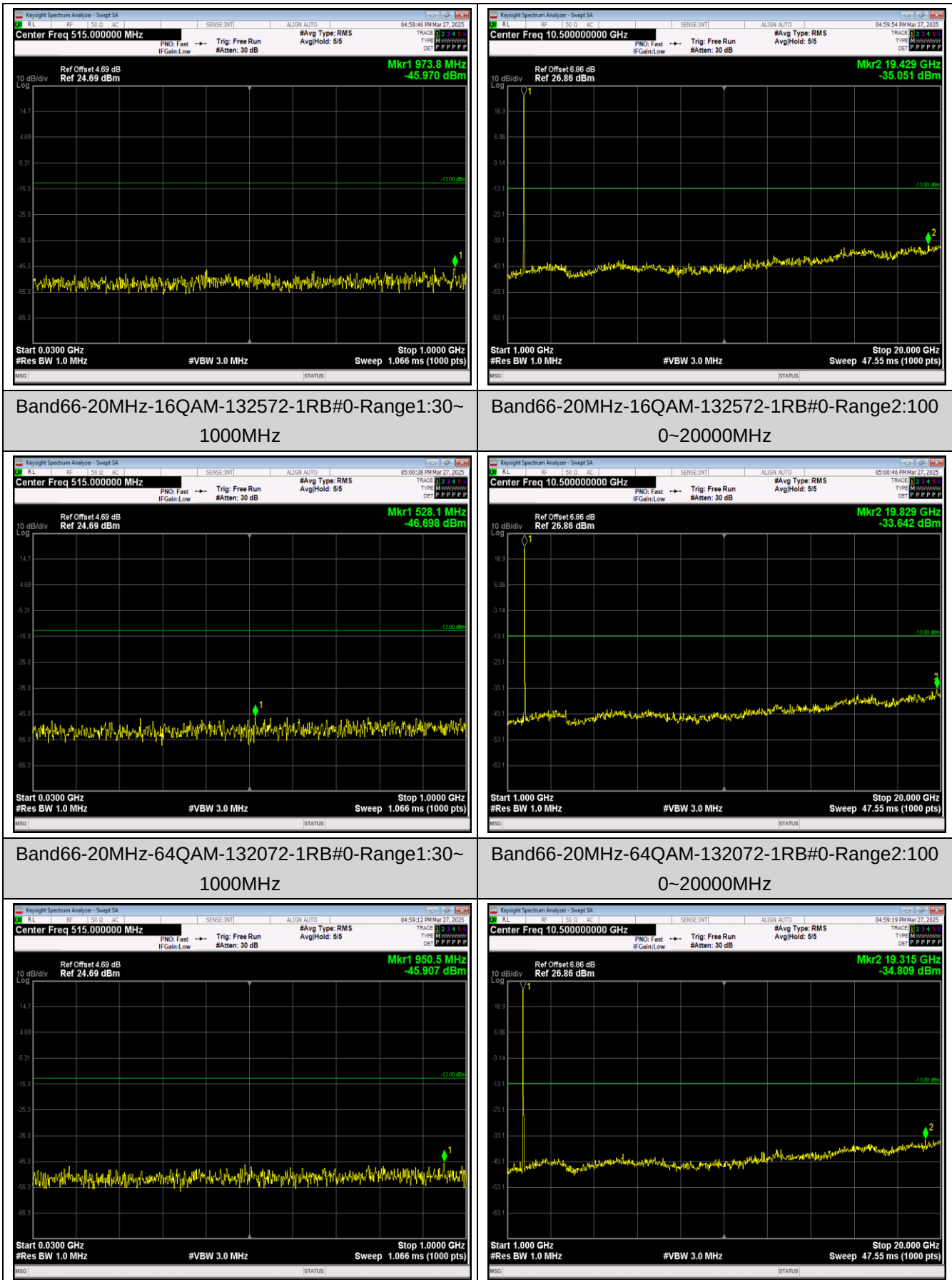


Band66-20MHz-16QAM-132072-1RB#0-Range2:100
0~20000MHz

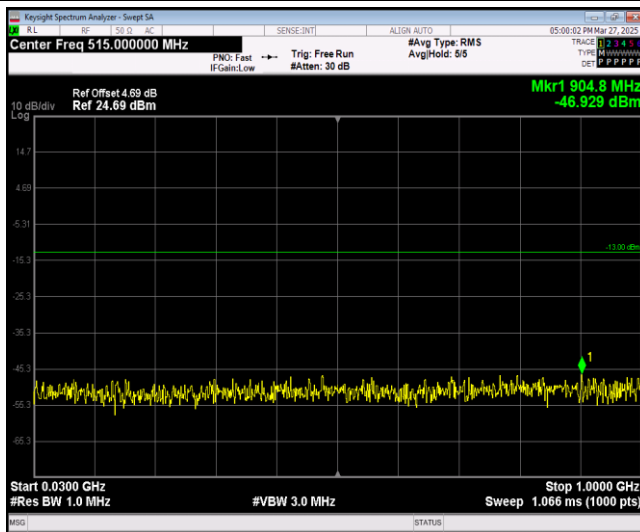


Band66-20MHz-16QAM-132322-1RB#0-Range1:30~
1000MHz

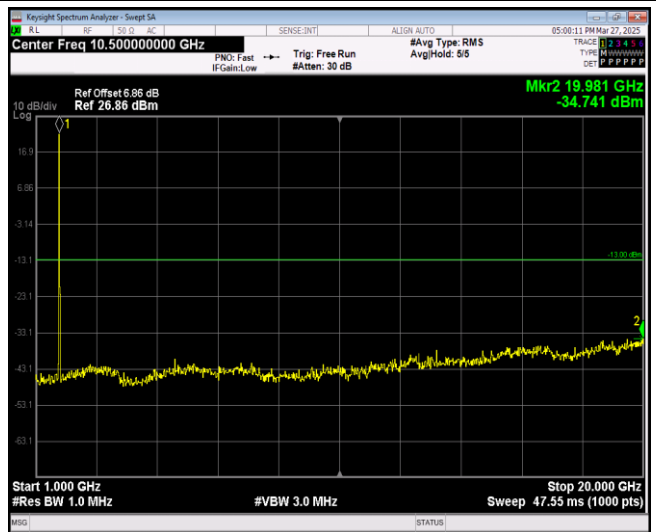
Band66-20MHz-16QAM-132322-1RB#0-Range2:100
0~20000MHz



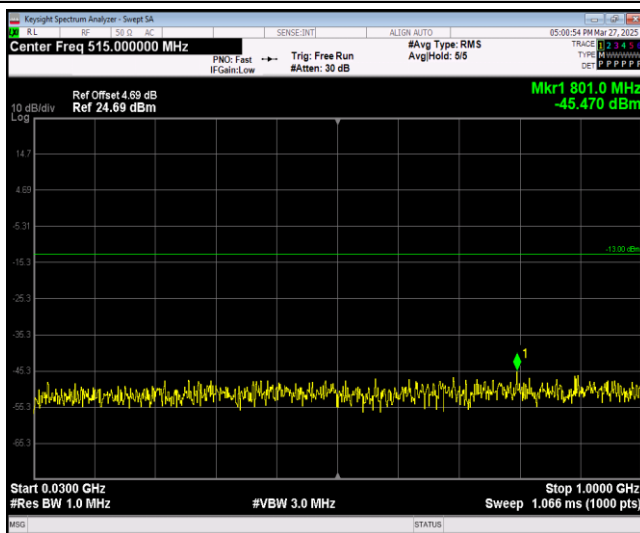
Band66-20MHz-64QAM-132322-1RB#0-Range1:30~
1000MHz



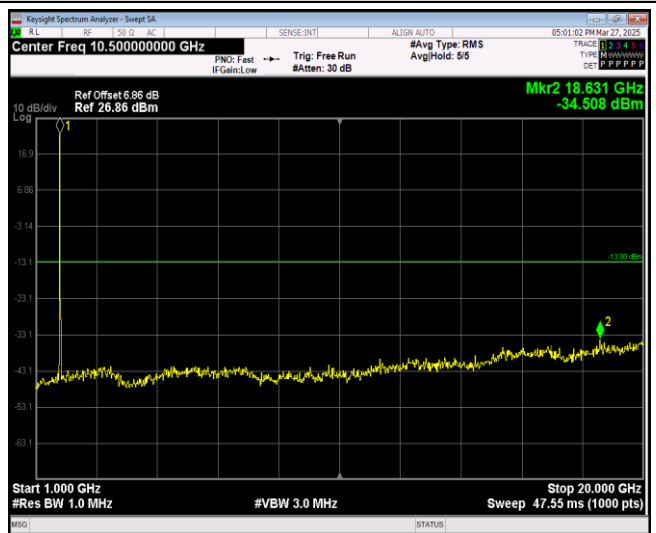
Band66-20MHz-64QAM-132322-1RB#0-Range2:100
0~20000MHz



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					
3.92	-30	-7.84	-0.004170	Within authorized band for Band 2	Pass
	-20	-15.76	-0.008383		
	-10	-15.03	-0.007995		
	0	-16.77	-0.008920		
	10	-2.93	-0.001559		
	20	-11.16	-0.005936		
	30	-6.75	-0.003590		
	40	-17.21	-0.009154		
	50	-20.57	-0.010941		
16QAM					
3.92	-30	-12.32	-0.006553	Within authorized band for Band 2	Pass
	-20	-16.41	-0.008729		
	-10	-20.51	-0.010910		
	0	-21.21	-0.011282		
	10	-17.85	-0.009495		
	20	-15.96	-0.008489		
	30	-11.49	-0.006112		
	40	-17.52	-0.009319		
	50	-16.32	-0.008681		
64QAM					
3.92	-30	-18.61	-0.009899	Within authorized band for Band 2	Pass
	-20	-10.00	-0.005319		
	-10	-9.90	-0.005266		
	0	-7.42	-0.003947		
	10	-12.52	-0.006660		
	20	-12.95	-0.006888		
	30	11.60	0.006170		
	40	-16.34	-0.008691		
	50	-17.29	-0.009197		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-9.94	-0.005287	Within authorized band for Band 2	Pass
	3.92	-22.46	-0.011947		
	4.53	-20.31	-0.010803		
16QAM					
25	3.45	-23.15	-0.012314	Within authorized band for Band 2	Pass
	3.92	-19.07	-0.010144		
	4.53	-20.90	-0.011117		
64QAM					
25	3.45	-8.65	-0.004601	Within authorized band for Band 2	Pass
	3.92	-13.42	-0.007138		
	4.53	-19.45	-0.010346		
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					
3.92	-30	-8.98	-0.005183	Within authorized band for Band 4	Pass
	-20	-14.59	-0.008421		
	-10	-10.63	-0.006136		
	0	-13.19	-0.007613		
	10	-16.02	-0.009247		
	20	-7.48	-0.004317		
	30	-13.20	-0.007619		
	40	-13.72	-0.007919		
	50	-13.78	-0.007954		
16QAM					
3.92	-30	5.14	0.002967	Within authorized band for Band 4	Pass
	-20	-13.18	-0.007608		
	-10	-12.32	-0.007111		
	0	-14.91	-0.008606		
	10	-17.09	-0.009864		
	20	-13.05	-0.007532		
	30	-17.57	-0.010141		
	40	-11.99	-0.006921		
	50	-10.57	-0.006101		
64QAM					
3.92	-30	2.89	0.001668	Within authorized band for Band 4	Pass
	-20	-13.99	-0.008075		
	-10	-12.67	-0.007313		
	0	-12.39	-0.007152		
	10	-11.49	-0.006632		
	20	-9.30	-0.005368		
	30	-7.95	-0.004589		
	40	-15.85	-0.009149		
	50	-10.40	-0.006003		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-15.08	-0.008704	Within authorized band for Band 4	Pass
	3.92	-13.05	-0.007532		
	4.53	-16.06	-0.009270		
16QAM					
25	3.45	-8.15	-0.004704	Within authorized band for Band 4	Pass
	3.92	-14.32	-0.008266		
	4.53	36.05	0.020808		
64QAM					
25	3.45	-15.41	-0.008895	Within authorized band for Band 4	Pass
	3.92	10.89	0.006286		
	4.53	8.64	0.004987		
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 (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.92	-30	-9.73	-0.011632	±2.5	Pass
	-20	-11.60	-0.013867		
	-10	-10.20	-0.012194		
	0	-10.53	-0.012588		
	10	-11.62	-0.013891		
	20	-13.18	-0.015756		
	30	-15.01	-0.017944		
	40	-9.93	-0.011871		
	50	-8.68	-0.010377		
16QAM					
3.92	-30	-9.81	-0.011727	±2.5	Pass
	-20	-14.39	-0.017203		
	-10	-13.76	-0.016449		
	0	-11.46	-0.013700		
	10	-14.81	-0.017705		
	20	-12.27	-0.014668		
	30	-11.40	-0.013628		
	40	-7.85	-0.009384		
	50	-8.54	-0.010209		
64QAM					
3.92	-30	-13.39	-0.016007	±2.5	Pass
	-20	-13.90	-0.016617		
	-10	-12.03	-0.014381		
	0	-12.13	-0.014501		
	10	-10.00	-0.011955		
	20	-8.27	-0.009886		
	30	-8.85	-0.010580		
	40	4.61	0.005511		
	50	3.18	0.003802		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-12.89	-0.015409	±2.5	Pass
	3.92	-11.73	-0.014023		
	4.53	-7.34	-0.008775		
16QAM					
25	3.45	-11.66	-0.013939	±2.5	Pass
	3.92	-12.56	-0.015015		
	4.53	-4.26	-0.005093		
64QAM					
25	3.45	-12.36	-0.014776	±2.5	Pass
	3.92	-13.40	-0.016019		
	4.53	-8.60	-0.010281		
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 (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.92	-30	-18.90	-0.007456	Within authorized band for Band 7	Pass
	-20	-26.24	-0.010351		
	-10	-23.98	-0.009460		
	0	-20.00	-0.007890		
	10	-26.04	-0.010272		
	20	-17.67	-0.006970		
	30	-16.18	-0.006383		
	40	19.35	0.007633		
	50	-18.78	-0.007408		
16QAM					
3.92	-30	18.21	0.007183	Within authorized band for Band 7	Pass
	-20	-20.93	-0.008256		
	-10	-19.98	-0.007882		
	0	-24.18	-0.009538		
	10	16.67	0.006576		
	20	-22.30	-0.008797		
	30	-24.91	-0.009826		
	40	-19.74	-0.007787		
	50	14.91	0.005882		
64QAM					
3.92	-30	6.95	0.002742	Within authorized band for Band 7	Pass
	-20	12.29	0.004848		
	-10	10.09	0.003980		
	0	-24.35	-0.009606		
	10	-12.62	-0.004978		
	20	-26.19	-0.010331		
	30	-21.43	-0.008454		
	40	-23.82	-0.009396		
	50	-23.78	-0.009381		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-10.00	-0.003945	Within authorized band for Band 7	Pass
	3.92	21.79	0.008596		
	4.53	19.61	0.007736		
16QAM					
25	3.45	-20.67	-0.008154	Within authorized band for Band 7	Pass
	3.92	-11.09	-0.004375		
	4.53	19.04	0.007511		
64QAM					
25	3.45	-23.90	-0.009428	Within authorized band for Band 7	Pass
	3.92	21.04	0.008300		
	4.53	-18.57	-0.007325		
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					
3.92	-30	-5.08	-0.007180	Within authorized band for Band 12	Pass
	-20	-18.30	-0.025866		
	-10	-2.39	-0.003378		
	0	-9.38	-0.013258		
	10	-2.93	-0.004141		
	20	-7.94	-0.011223		
	30	-9.28	-0.013117		
	40	-8.04	-0.011364		
	50	-9.63	-0.013611		
16QAM					
3.92	-30	-11.22	-0.015859	Within authorized band for Band 12	Pass
	-20	-7.74	-0.010940		
	-10	-11.13	-0.015731		
	0	-1.53	-0.002163		
	10	-8.58	-0.012127		
	20	-9.86	-0.013936		
	30	-1.77	-0.002502		
	40	-10.43	-0.014742		
	50	-3.66	-0.005173		
64QAM					
3.92	-30	-12.09	-0.017088	Within authorized band for Band 12	Pass
	-20	-8.88	-0.012551		
	-10	-11.06	-0.015633		
	0	-9.27	-0.013102		
	10	-2.76	-0.003901		
	20	-1.65	-0.002332		
	30	-8.63	-0.012198		
	40	-2.42	-0.003420		
	50	-5.39	-0.007618		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-10.91	-0.015420	Within authorized band for Band 12	Pass
	3.92	-11.73	-0.016580		
	4.53	-11.07	-0.015647		
16QAM					
25	3.45	-10.16	-0.014360	Within authorized band for Band 12	Pass
	3.92	-11.96	-0.016905		
	4.53	-9.83	-0.013894		
64QAM					
25	3.45	-12.27	-0.017343	Within authorized band for Band 12	Pass
	3.92	-11.33	-0.016014		
	4.53	-11.93	-0.016862		
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 (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.92	-30	-8.77	-0.012352	Within authorized band for Band 17	Pass
	-20	-8.30	-0.011690		
	-10	-9.13	-0.012859		
	0	-13.19	-0.018577		
	10	-9.63	-0.013563		
	20	-11.60	-0.016338		
	30	-13.07	-0.018408		
	40	-12.39	-0.017451		
	50	-7.93	-0.011169		
16QAM					
3.92	-30	-12.86	-0.018113	Within authorized band for Band 17	Pass
	-20	-11.56	-0.016282		
	-10	-5.19	-0.007310		
	0	-8.14	-0.011465		
	10	-10.77	-0.015169		
	20	-7.51	-0.010577		
	30	-7.14	-0.010056		
	40	-6.05	-0.008521		
	50	-10.56	-0.014873		
64QAM					
3.92	-30	-10.16	-0.014310	Within authorized band for Band 17	Pass
	-20	-7.15	-0.010070		
	-10	-8.51	-0.011986		
	0	-8.73	-0.012296		
	10	-9.93	-0.013986		
	20	-9.04	-0.012732		
	30	-12.97	-0.018268		
	40	-10.86	-0.015296		
	50	-8.90	-0.012535		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	1.06	0.001493	Within authorized band for Band 17	Pass
	3.92	-12.60	-0.017746		
	4.53	-5.95	-0.008380		
16QAM					
25	3.45	-10.46	-0.014732	Within authorized band for Band 17	Pass
	3.92	1.93	0.002718		
	4.53	-7.71	-0.010859		
64QAM					
25	3.45	-5.74	-0.008085	Within authorized band for Band 17	Pass
	3.92	-9.40	-0.013239		
	4.53	-6.77	-0.009535		
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					
3.92	-30	-17.11	-0.006593	Within authorized band for Band 38	Pass
	-20	-7.38	-0.002844		
	-10	-13.66	-0.005264		
	0	-11.40	-0.004393		
	10	-13.35	-0.005145		
	20	-17.97	-0.006925		
	30	-7.80	-0.003006		
	40	-19.41	-0.007480		
	50	-14.69	-0.005661		
16QAM					
3.92	-30	-15.32	-0.005904	Within authorized band for Band 38	Pass
	-20	-15.32	-0.005904		
	-10	-16.92	-0.006520		
	0	-13.58	-0.005233		
	10	-15.72	-0.006058		
	20	-8.44	-0.003252		
	30	-20.48	-0.007892		
	40	-11.63	-0.004482		
	50	-13.65	-0.005260		
64QAM					
3.92	-30	-12.33	-0.004751	Within authorized band for Band 38	Pass
	-20	-18.53	-0.007141		
	-10	-11.67	-0.004497		
	0	-16.39	-0.006316		
	10	-18.73	-0.007218		
	20	-11.66	-0.004493		
	30	-15.79	-0.006085		
	40	-16.92	-0.006520		
	50	-8.68	-0.003345		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-4.82	-0.001857	Within authorized band for Band 38	Pass
	3.92	-20.71	-0.007981		
	4.53	-16.67	-0.006424		
16QAM					
25	3.45	-15.88	-0.006119	Within authorized band for Band 38	Pass
	3.92	-16.37	-0.006308		
	4.53	-21.49	-0.008281		
64QAM					
25	3.45	-16.02	-0.006173	Within authorized band for Band 38	Pass
	3.92	-14.93	-0.005753		
	4.53	-16.87	-0.006501		
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					
3.92	-30	-18.61	-0.007171	Within authorized band for Band 41	Pass
	-20	-15.01	-0.005784		
	-10	-21.10	-0.008131		
	0	-12.25	-0.004721		
	10	-20.07	-0.007734		
	20	-15.59	-0.006008		
	30	-18.40	-0.007091		
	40	-14.20	-0.005472		
	50	-7.27	-0.002802		
16QAM					
3.92	-30	-12.06	-0.004647	Within authorized band for Band 41	Pass
	-20	-16.62	-0.006405		
	-10	-13.56	-0.005225		
	0	-13.60	-0.005241		
	10	-3.42	-0.001318		
	20	-12.46	-0.004802		
	30	1.90	0.000732		
	40	-10.59	-0.004081		
	50	-13.78	-0.005310		
64QAM					
3.92	-30	-8.75	-0.003372	Within authorized band for Band 41	Pass
	-20	-6.72	-0.002590		
	-10	-18.04	-0.006952		
	0	4.36	0.001680		
	10	-13.16	-0.005071		
	20	-18.24	-0.007029		
	30	4.25	0.001638		
	40	-11.84	-0.004563		
	50	-13.53	-0.005214		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-6.59	-0.002539	Within authorized band for Band 41	Pass
	3.92	-24.53	-0.009453		
	4.53	-12.86	-0.004956		
16QAM					
25	3.45	-21.66	-0.008347	Within authorized band for Band41	Pass
	3.92	-9.51	-0.003665		
	4.53	-16.65	-0.006416		
64QAM					
25	3.45	-19.23	-0.007410	Within authorized band for Band41	Pass
	3.92	-14.69	-0.005661		
	4.53	-4.33	-0.001669		
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					
3.92	-30	-14.99	-0.008590	Within authorized band for Band 66	Pass
	-20	-12.00	-0.006877		
	-10	-11.84	-0.006785		
	0	-12.86	-0.007370		
	10	-13.99	-0.008017		
	20	6.67	0.003822		
	30	-15.39	-0.008819		
	40	-15.72	-0.009009		
	50	-13.56	-0.007771		
16QAM					
3.92	-30	-11.44	-0.006556	Within authorized band for Band 66	Pass
	-20	-15.41	-0.008831		
	-10	-14.49	-0.008304		
	0	3.50	0.002006		
	10	-8.67	-0.004968		
	20	-13.79	-0.007903		
	30	-10.91	-0.006252		
	40	-5.52	-0.003163		
	50	-12.92	-0.007404		
64QAM					
3.92	-30	-12.87	-0.007375	Within authorized band for Band 66	Pass
	-20	6.74	0.003862		
	-10	2.46	0.001410		
	0	-13.33	-0.007639		
	10	-12.02	-0.006888		
	20	-11.62	-0.006659		
	30	-14.19	-0.008132		
	40	-12.72	-0.007289		
	50	4.58	0.002625		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-15.54	-0.008905	Within authorized band for Band 66	Pass
	3.92	-17.27	-0.009897		
	4.53	-12.90	-0.007393		
16QAM					
25	3.45	-5.79	-0.003318	Within authorized band for Band 66	Pass
	3.92	-14.02	-0.008034		
	4.53	-19.90	-0.011404		
64QAM					
25	3.45	-11.24	-0.006441	Within authorized band for Band 66	Pass
	3.92	4.82	0.002762		
	4.53	-14.82	-0.008493		
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
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.