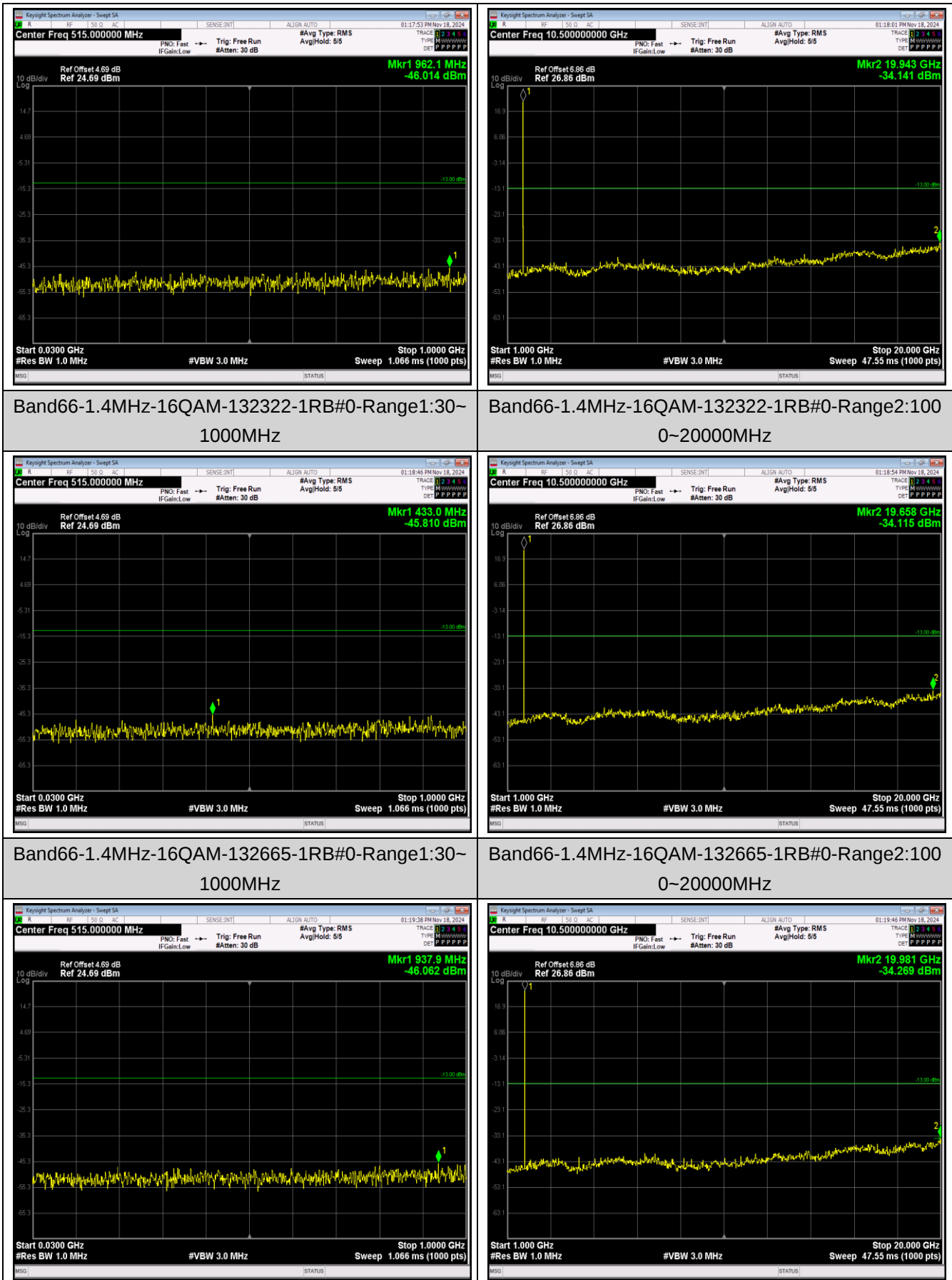
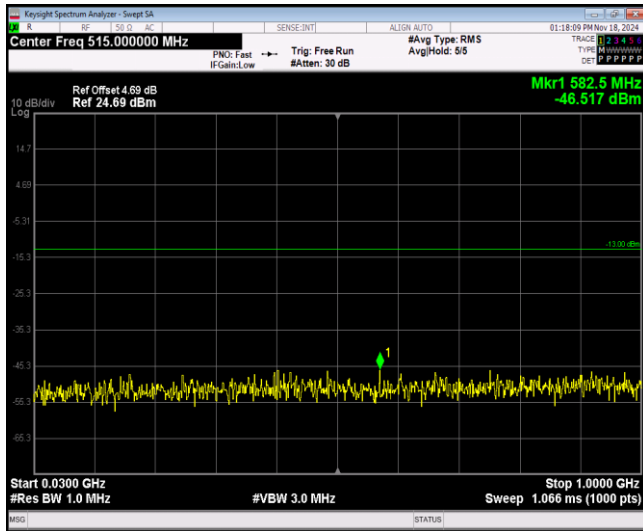
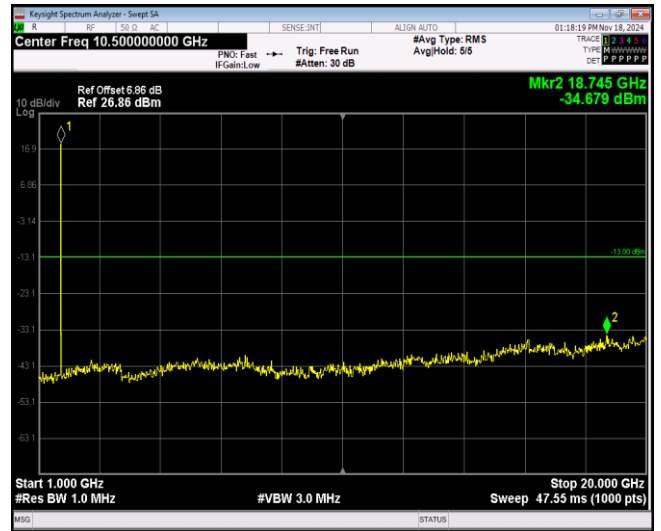




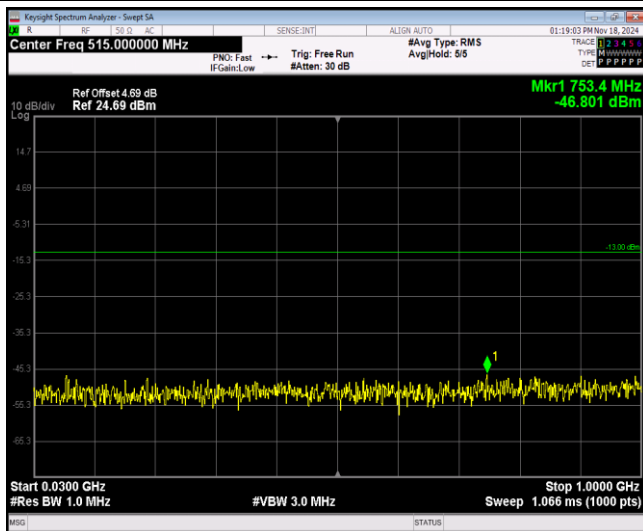
Band66-1.4MHz-64QAM-131979-1RB#0-Range1:30~1000MHz



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



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



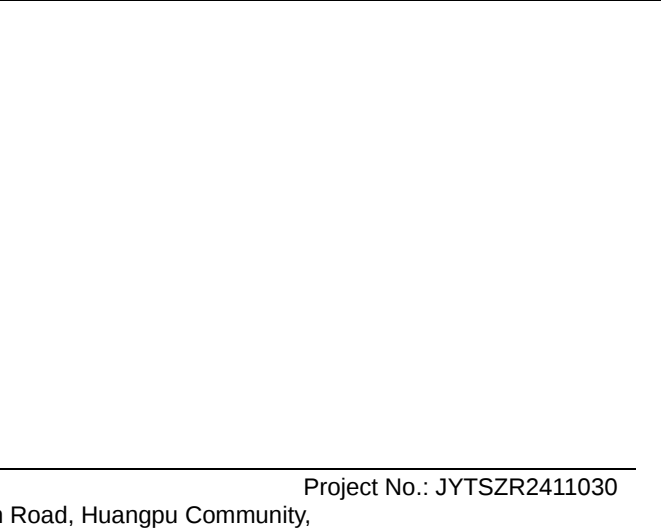
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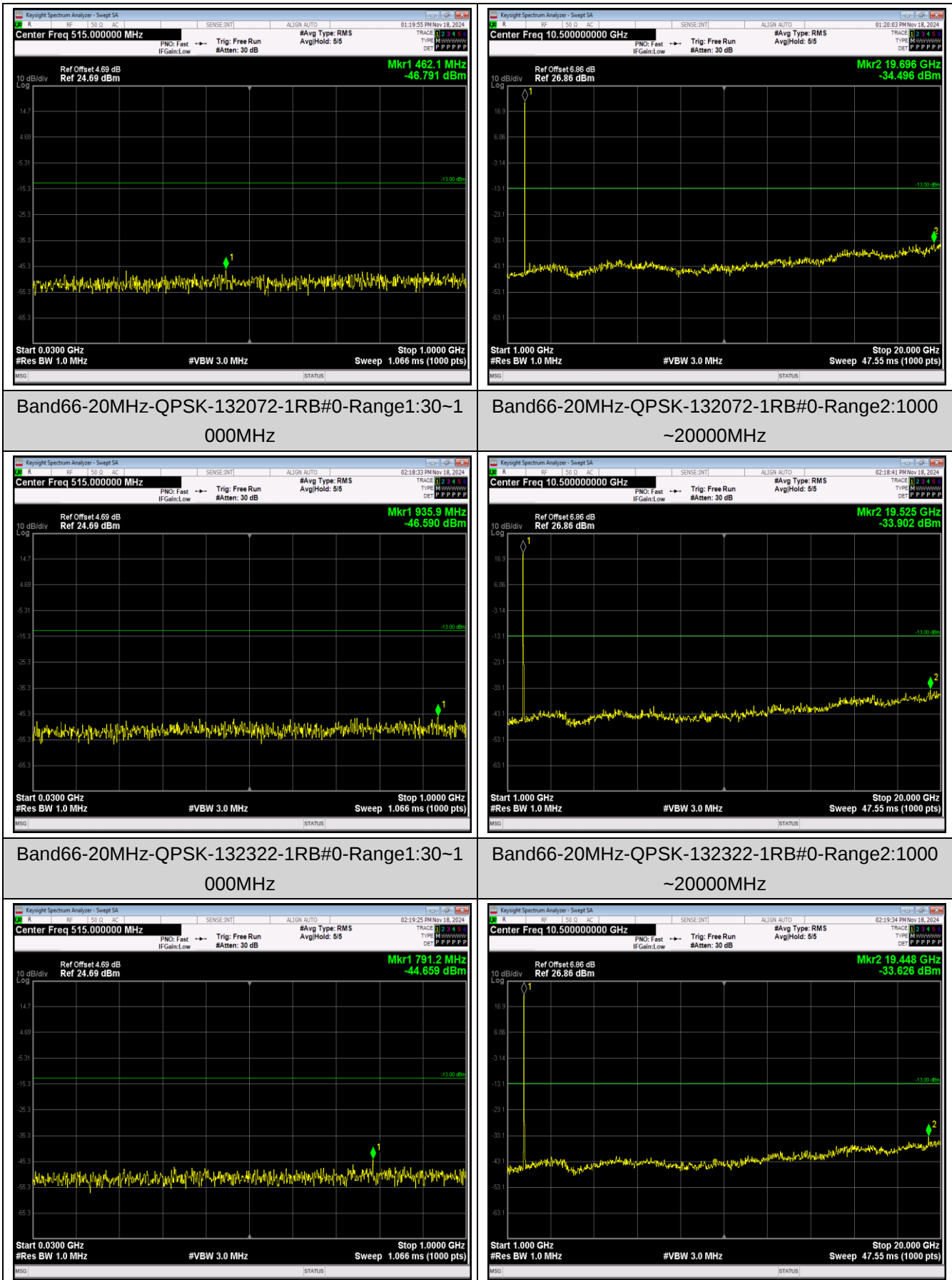


Band66-1.4MHz-64QAM-132665-1RB#0-Range1:30~1000MHz

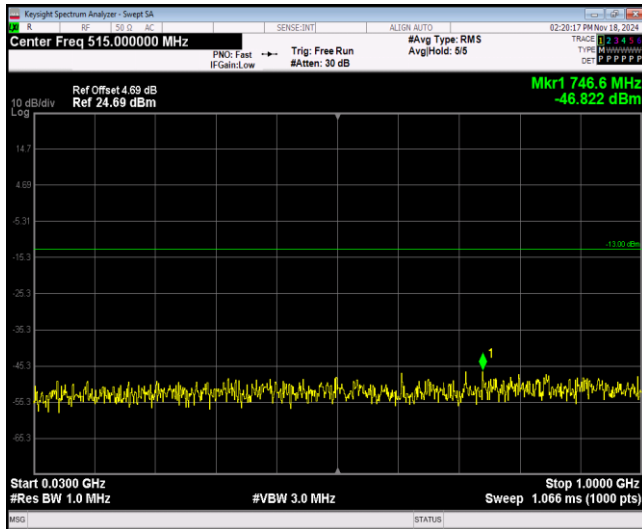


Band66-1.4MHz-64QAM-132665-1RB#0-Range2:1000~20000MHz

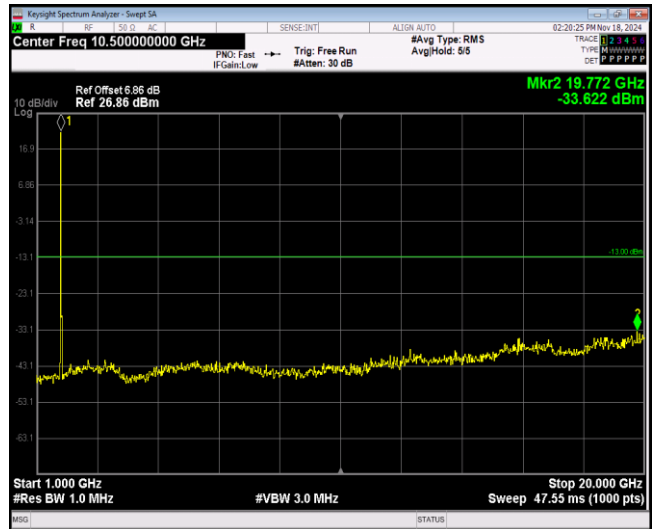




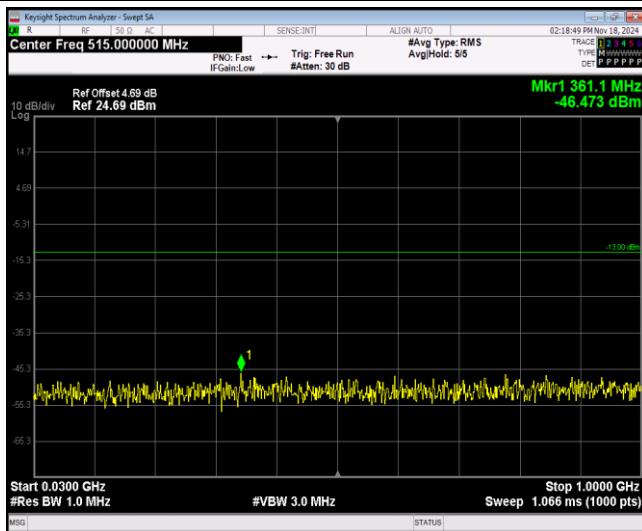
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000MHz



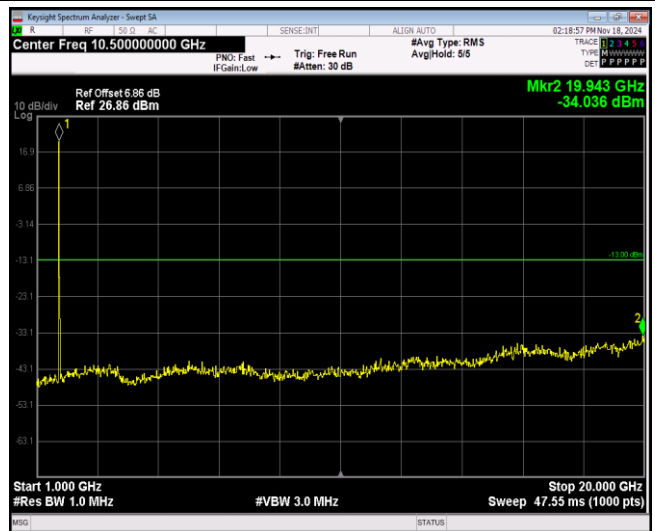
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000
~20000MHz



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



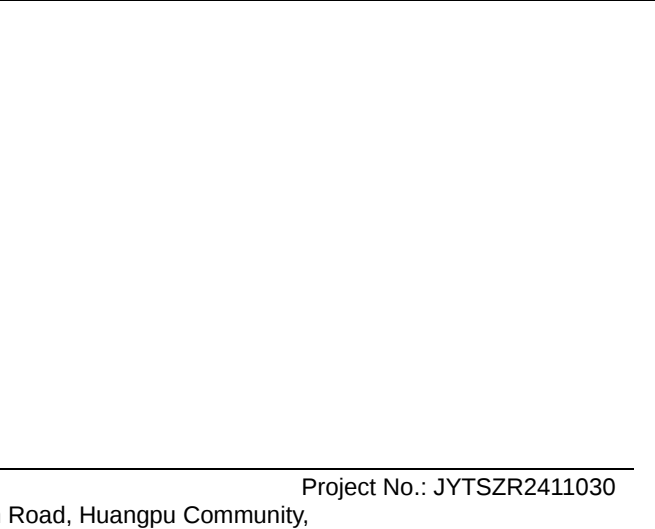
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0~20000MHz

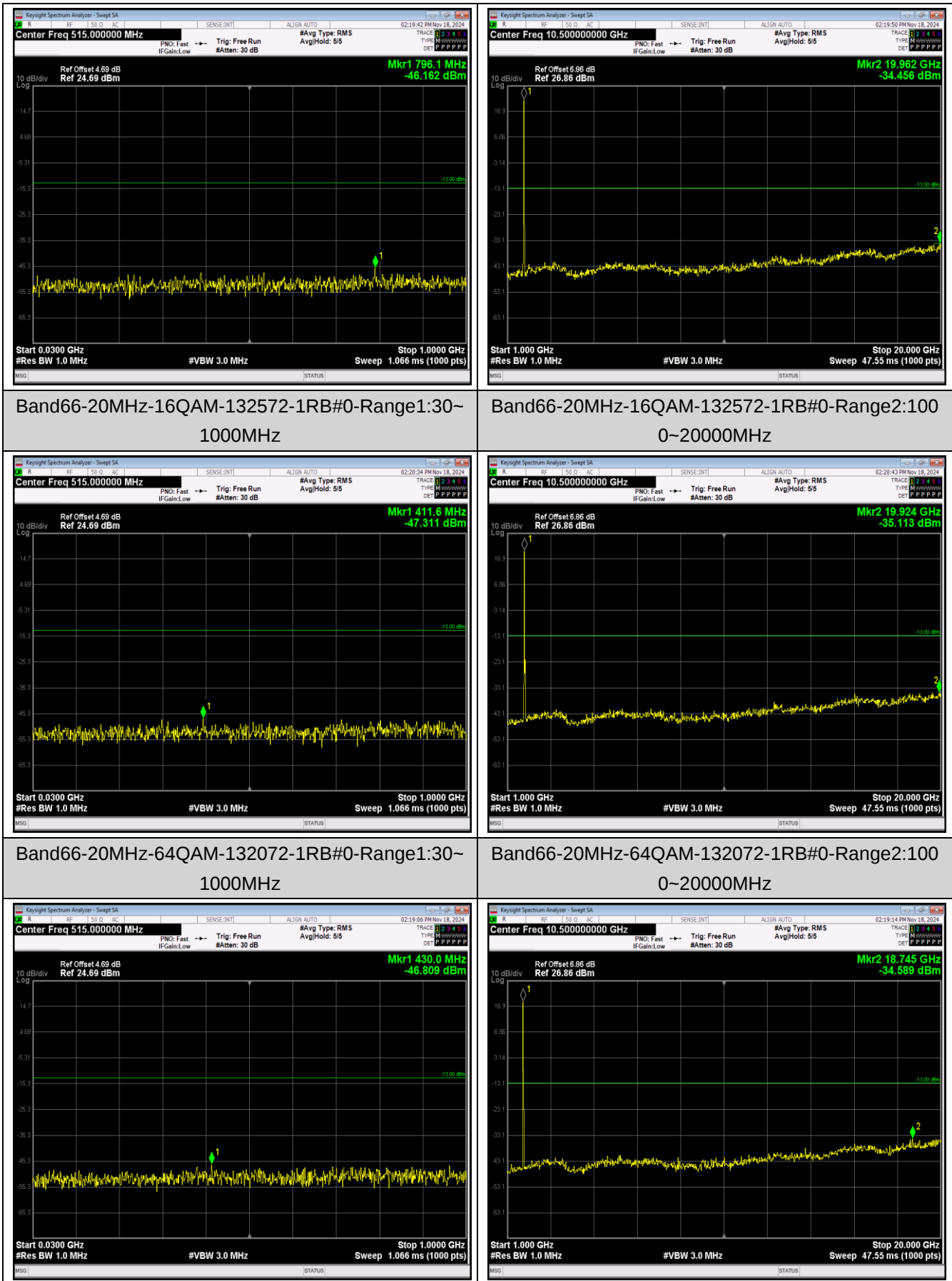


Band66-20MHz-16QAM-132322-1RB#0-Range1:30~
1000MHz

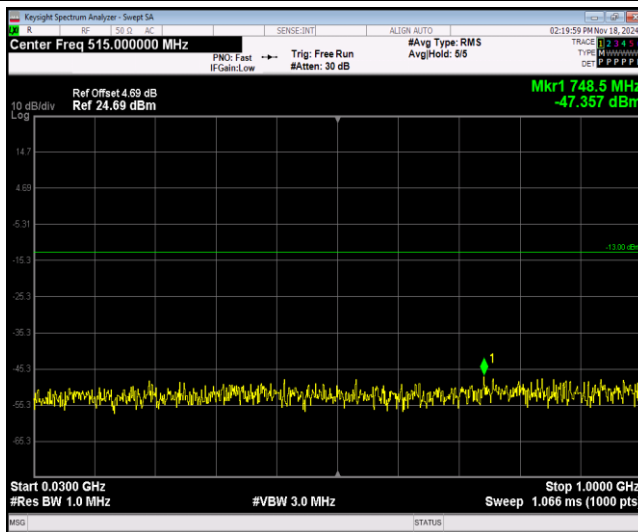


Band66-20MHz-16QAM-132322-1RB#0-Range2:100
0~20000MHz





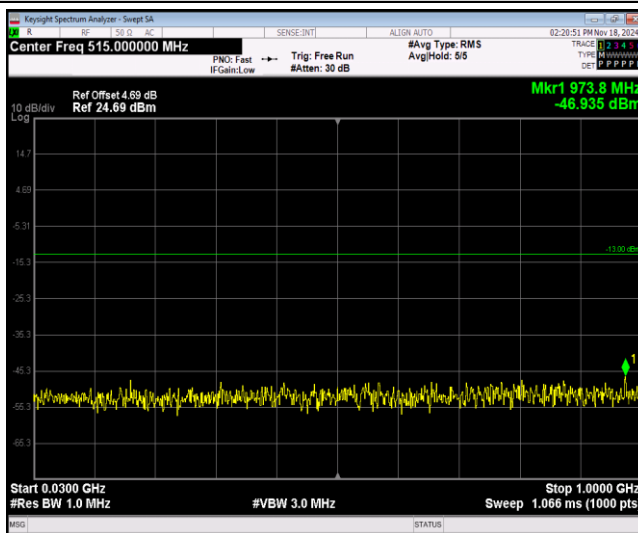
Band66-20MHz-64QAM-132322-1RB#0-Range1:30~
1000MHz



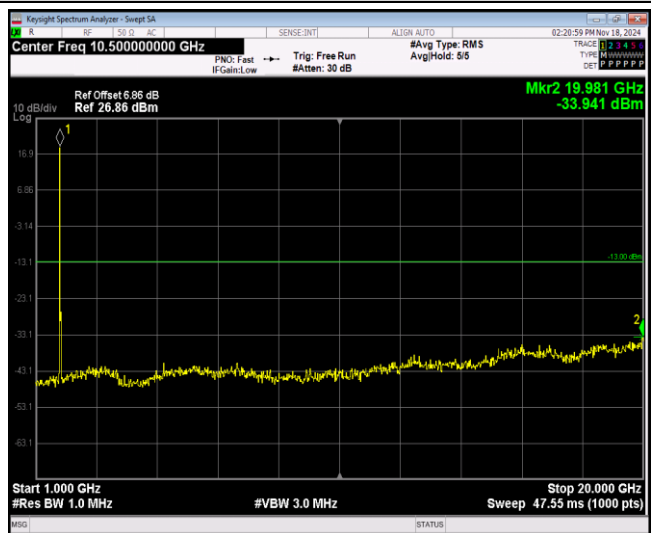
Band66-20MHz-64QAM-132322-1RB#0-Range2:100
0~20000MHz



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					
3.91	-30	-11.37	-0.006048	Within authorized band for Band 2	Pass
	-20	-9.96	-0.005298		
	-10	6.69	0.003559		
	0	-16.69	-0.008878		
	10	-20.41	-0.010856		
	20	-17.72	-0.009426		
	30	-14.15	-0.007527		
	40	-15.19	-0.008080		
	50	-12.67	-0.006739		
16QAM					
3.91	-30	-15.66	-0.008330	Within authorized band for Band 2	Pass
	-20	-15.76	-0.008383		
	-10	-12.75	-0.006782		
	0	-12.72	-0.006766		
	10	-10.16	-0.005404		
	20	-11.46	-0.006096		
	30	-15.28	-0.008128		
	40	12.04	0.006404		
	50	-11.36	-0.006043		
64QAM					
3.91	-30	2.53	0.001346	Within authorized band for Band 2	Pass
	-20	2.50	0.001330		
	-10	-10.13	-0.005388		
	0	4.63	0.002463		
	10	-17.72	-0.009426		
	20	-15.01	-0.007984		
	30	-14.08	-0.007489		
	40	-15.49	-0.008239		
	50	-11.59	-0.006165		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-18.74	-0.009968	Within authorized band for Band 2	Pass
	3.91	-21.11	-0.011229		
	4.50	-11.70	-0.006223		
16QAM					
25	3.45	-13.25	-0.007048	Within authorized band for Band 2	Pass
	3.91	-15.95	-0.008484		
	4.50	-16.16	-0.008596		
64QAM					
25	3.45	4.92	0.002617	Within authorized band for Band 2	Pass
	3.91	-15.61	-0.008303		
	4.50	-2.45	-0.001303		
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					
3.91	-30	4.58	0.002644	Within authorized band for Band 4	Pass
	-20	-16.65	-0.009610		
	-10	-18.24	-0.010528		
	0	-15.69	-0.009056		
	10	-12.55	-0.007244		
	20	13.75	0.007937		
	30	-18.20	-0.010505		
	40	-12.00	-0.006926		
	50	-19.41	-0.011203		
16QAM					
3.91	-30	-3.58	-0.002066	Within authorized band for Band 4	Pass
	-20	-11.33	-0.006540		
	-10	-10.23	-0.005905		
	0	-16.25	-0.009380		
	10	-6.44	-0.003717		
	20	-13.35	-0.007706		
	30	-16.09	-0.009287		
	40	-4.23	-0.002442		
	50	-9.46	-0.005460		
64QAM					
3.91	-30	-11.64	-0.006719	Within authorized band for Band 4	Pass
	-20	5.21	0.003007		
	-10	-15.76	-0.009097		
	0	-12.92	-0.007457		
	10	-13.10	-0.007561		
	20	-17.84	-0.010297		
	30	-13.36	-0.007711		
	40	-14.78	-0.008531		
	50	-16.54	-0.009547		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-12.32	-0.007111	Within authorized band for Band 4	Pass
	3.91	-17.42	-0.010055		
	4.50	-12.00	-0.006926		
16QAM					
25	3.45	-12.97	-0.007486	Within authorized band for Band 4	Pass
	3.91	-11.73	-0.006771		
	4.50	-15.45	-0.008918		
64QAM					
25	3.45	-9.58	-0.005530	Within authorized band for Band 4	Pass
	3.91	1.54	0.000889		
	4.50	-10.39	-0.005997		
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					
3.91	-30	-6.49	-0.007759	±2.5	Pass
	-20	-7.58	-0.009062		
	-10	-16.08	-0.019223		
	0	-5.87	-0.007017		
	10	-5.81	-0.006946		
	20	-10.73	-0.012827		
	30	-10.41	-0.012445		
	40	-10.91	-0.013042		
	50	-11.64	-0.013915		
16QAM					
3.91	-30	-10.16	-0.012146	±2.5	Pass
	-20	-11.49	-0.013736		
	-10	-7.94	-0.009492		
	0	-9.14	-0.010926		
	10	-4.89	-0.005846		
	20	-9.47	-0.011321		
	30	-5.01	-0.005989		
	40	-11.10	-0.013270		
	50	-6.48	-0.007747		
64QAM					
3.91	-30	-5.61	-0.006707	±2.5	Pass
	-20	-12.67	-0.015146		
	-10	-9.01	-0.010771		
	0	-7.74	-0.009253		
	10	-13.48	-0.016115		
	20	-7.47	-0.008930		
	30	-5.72	-0.006838		
	40	-10.20	-0.012194		
	50	-5.29	-0.006324		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-10.81	-0.012923	±2.5	Pass
	3.91	-10.17	-0.012158		
	4.50	-11.36	-0.013580		
16QAM					
25	3.45	-12.37	-0.014788	±2.5	Pass
	3.91	3.06	0.003658		
	4.50	-8.13	-0.009719		
64QAM					
25	3.45	-8.83	-0.010556	±2.5	Pass
	3.91	-5.25	-0.006276		
	4.50	-9.57	-0.011441		
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					
3.91	-30	-20.23	-0.007980	Within authorized band for Band 7	Pass
	-20	-17.97	-0.007089		
	-10	-17.60	-0.006943		
	0	9.28	0.003661		
	10	-20.48	-0.008079		
	20	-27.92	-0.011014		
	30	-22.03	-0.008690		
	40	-20.93	-0.008256		
	50	-5.29	-0.002087		
16QAM					
3.91	-30	-19.71	-0.007775	Within authorized band for Band 7	Pass
	-20	-19.76	-0.007795		
	-10	-19.10	-0.007535		
	0	10.50	0.004142		
	10	-21.26	-0.008387		
	20	-20.01	-0.007893		
	30	-14.91	-0.005882		
	40	-4.23	-0.001669		
	50	-13.82	-0.005452		
64QAM					
3.91	-30	-25.79	-0.010174	Within authorized band for Band 7	Pass
	-20	6.18	0.002438		
	-10	-16.68	-0.006580		
	0	-24.82	-0.009791		
	10	-22.12	-0.008726		
	20	-18.15	-0.007160		
	30	4.79	0.001890		
	40	4.35	0.001716		
	50	-20.56	-0.008110		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-17.57	-0.006931	Within authorized band for Band 7	Pass
	3.91	-25.39	-0.010016		
	4.50	-19.66	-0.007755		
16QAM					
25	3.45	-20.96	-0.008268	Within authorized band for Band 7	Pass
	3.91	-20.11	-0.007933		
	4.50	-19.96	-0.007874		
64QAM					
25	3.45	-20.91	-0.008249	Within authorized band for Band 7	Pass
	3.91	-21.96	-0.008663		
	4.50	-19.45	-0.007673		
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 (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-10.40	-0.014700	Within authorized band for Band 12	Pass
	-20	-9.10	-0.012862		
	-10	-8.97	-0.012678		
	0	-3.86	-0.005456		
	10	-10.96	-0.015491		
	20	-9.18	-0.012975		
	30	-8.50	-0.012014		
	40	-12.73	-0.017993		
	50	-7.74	-0.010940		
16QAM					
3.91	-30	-3.62	-0.005117	Within authorized band for Band 12	Pass
	-20	-8.60	-0.012155		
	-10	-11.13	-0.015731		
	0	-12.49	-0.017654		
	10	-12.46	-0.017611		
	20	-13.79	-0.019491		
	30	-7.57	-0.010700		
	40	-11.27	-0.015929		
	50	-10.67	-0.015081		
64QAM					
3.91	-30	-10.36	-0.014643	Within authorized band for Band 12	Pass
	-20	-7.98	-0.011279		
	-10	-7.64	-0.010799		
	0	-11.26	-0.015915		
	10	-13.36	-0.018883		
	20	-8.47	-0.011972		
	30	-8.43	-0.011915		
	40	-8.08	-0.011420		
	50	-8.61	-0.012170		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-6.92	-0.009781	Within authorized band for Band 12	Pass
	3.91	-11.12	-0.015717		
	4.50	-8.93	-0.012622		
16QAM					
25	3.45	-11.73	-0.016580	Within authorized band for Band 12	Pass
	3.91	-6.62	-0.009357		
	4.50	-8.81	-0.012452		
64QAM					
25	3.45	-7.98	-0.011279	Within authorized band for Band 12	Pass
	3.91	-8.64	-0.012212		
	4.50	-7.52	-0.010629		
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					
3.91	-30	-9.87	-0.013901	Within authorized band for Band 17	Pass
	-20	-10.61	-0.014944		
	-10	-8.35	-0.011761		
	0	-10.10	-0.014225		
	10	-3.81	-0.005366		
	20	-4.46	-0.006282		
	30	-12.45	-0.017535		
	40	-11.00	-0.015493		
	50	-13.52	-0.019042		
16QAM					
3.91	-30	-9.86	-0.013887	Within authorized band for Band 17	Pass
	-20	-10.64	-0.014986		
	-10	-4.62	-0.006507		
	0	-9.27	-0.013056		
	10	-2.89	-0.004070		
	20	-6.32	-0.008901		
	30	-8.87	-0.012493		
	40	-4.72	-0.006648		
	50	-10.01	-0.014099		
64QAM					
3.91	-30	-6.90	-0.009718	Within authorized band for Band 17	Pass
	-20	-10.89	-0.015338		
	-10	-10.10	-0.014225		
	0	-9.13	-0.012859		
	10	-6.82	-0.009606		
	20	-7.55	-0.010634		
	30	-13.56	-0.019099		
	40	-7.70	-0.010845		
	50	-7.85	-0.011056		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-9.38	-0.013211	Within authorized band for Band 17	Pass
	3.91	-9.86	-0.013887		
	4.50	-12.60	-0.017746		
16QAM					
25	3.45	-8.60	-0.012113	Within authorized band for Band 17	Pass
	3.91	-6.35	-0.008944		
	4.50	-10.54	-0.014845		
64QAM					
25	3.45	-10.00	-0.014085	Within authorized band for Band 17	Pass
	3.91	-4.66	-0.006563		
	4.50	-10.83	-0.015254		
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					
3.91	-30	-11.30	-0.013797	Within authorized band for Band 26	Pass
	-20	-8.25	-0.010073		
	-10	-12.22	-0.014921		
	0	-13.23	-0.016154		
	10	-9.83	-0.012002		
	20	-10.56	-0.012894		
	30	-5.66	-0.006911		
	40	-10.30	-0.012576		
	50	-7.52	-0.009182		
16QAM					
3.91	-30	-6.39	-0.007802	Within authorized band for Band 26	Pass
	-20	-9.40	-0.011477		
	-10	-13.82	-0.016874		
	0	-7.37	-0.008999		
	10	-12.17	-0.014860		
	20	-8.83	-0.010781		
	30	-11.44	-0.013968		
	40	-7.28	-0.008889		
	50	-11.12	-0.013578		
64QAM					
3.91	-30	-10.79	-0.013175	Within authorized band for Band 26	Pass
	-20	-8.93	-0.010904		
	-10	-13.89	-0.016960		
	0	-11.17	-0.013639		
	10	-11.83	-0.014444		
	20	-11.14	-0.013602		
	30	-5.18	-0.006325		
	40	-9.93	-0.012125		
	50	-15.35	-0.018742		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-12.25	-0.014957	Within authorized band for Band 26	Pass
	3.91	-9.34	-0.011404		
	4.50	-9.66	-0.011795		
16QAM					
25	3.45	-10.76	-0.013138	Within authorized band for Band 26	Pass
	3.91	-3.23	-0.003944		
	4.50	-12.03	-0.014689		
64QAM					
25	3.45	-11.83	-0.014444	Within authorized band for Band 26	Pass
	3.91	-11.63	-0.014200		
	4.50	-10.86	-0.013260		
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					
3.91	-30	-9.23	-0.011034	Within authorized band for Band 26	Pass
	-20	-8.25	-0.009863		
	-10	-9.20	-0.010998		
	0	-11.57	-0.013831		
	10	-7.98	-0.009540		
	20	-11.47	-0.013712		
	30	-7.34	-0.008775		
	40	-12.79	-0.015290		
	50	-9.21	-0.011010		
16QAM					
3.91	-30	-10.21	-0.012206	Within authorized band for Band 26	Pass
	-20	-3.86	-0.004614		
	-10	-9.96	-0.011907		
	0	-5.95	-0.007113		
	10	-9.87	-0.011799		
	20	-9.37	-0.011201		
	30	-8.51	-0.010173		
	40	-6.71	-0.008022		
	50	-6.42	-0.007675		
64QAM					
3.91	-30	-6.97	-0.008332	Within authorized band for Band 26	Pass
	-20	-7.22	-0.008631		
	-10	-10.84	-0.012959		
	0	-4.45	-0.005320		
	10	-8.50	-0.010161		
	20	-8.57	-0.010245		
	30	-6.84	-0.008177		
	40	-3.46	-0.004136		
	50	-6.81	-0.008141		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-11.60	-0.013867	Within authorized band for Band 26	Pass
	3.91	-8.61	-0.010293		
	4.50	-7.28	-0.008703		
16QAM					
25	3.45	-5.56	-0.006647	Within authorized band for Band 26	Pass
	3.91	-6.62	-0.007914		
	4.50	-8.61	-0.010293		
64QAM					
25	3.45	-12.80	-0.015302	Within authorized band for Band 26	Pass
	3.91	-8.35	-0.009982		
	4.50	-10.53	-0.012588		
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					
3.91	-30	-12.32	-0.004748	Within authorized band for Band 38	Pass
	-20	-15.56	-0.005996		
	-10	-13.53	-0.005214		
	0	-14.63	-0.005638		
	10	-12.04	-0.004640		
	20	-11.64	-0.004486		
	30	-13.36	-0.005148		
	40	-16.41	-0.006324		
	50	-15.06	-0.005803		
16QAM					
3.91	-30	-13.07	-0.005037	Within authorized band for Band 38	Pass
	-20	-17.05	-0.006570		
	-10	-11.56	-0.004455		
	0	-13.06	-0.005033		
	10	-19.00	-0.007322		
	20	-12.59	-0.004852		
	30	5.85	0.002254		
	40	-13.72	-0.005287		
	50	-19.77	-0.007618		
64QAM					
3.91	-30	-14.08	-0.005426	Within authorized band for Band 38	Pass
	-20	-10.43	-0.004019		
	-10	-16.87	-0.006501		
	0	-17.60	-0.006782		
	10	-13.40	-0.005164		
	20	-9.47	-0.003649		
	30	-6.71	-0.002586		
	40	-9.58	-0.003692		
	50	-17.71	-0.006825		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-15.58	-0.006004	Within authorized band for Band 38	Pass
	3.91	-15.76	-0.006073		
	4.50	-12.09	-0.004659		
16QAM					
25	3.45	-7.84	-0.003021	Within authorized band for Band 38	Pass
	3.91	-11.99	-0.004620		
	4.50	-12.13	-0.004674		
64QAM					
25	3.45	-4.18	-0.001611	Within authorized band for Band 38	Pass
	3.91	-12.93	-0.004983		
	4.50	-15.48	-0.005965		
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					
3.91	-30	-16.97	-0.006539	Within authorized band for Band 41	Pass
	-20	-14.41	-0.005553		
	-10	-11.10	-0.004277		
	0	-12.65	-0.004875		
	10	-11.59	-0.004466		
	20	-18.08	-0.006967		
	30	-15.02	-0.005788		
	40	-8.34	-0.003214		
	50	-2.79	-0.001075		
16QAM					
3.91	-30	-12.37	-0.004767	Within authorized band for Band 41	Pass
	-20	-12.25	-0.004721		
	-10	-15.29	-0.005892		
	0	-13.29	-0.005121		
	10	-10.11	-0.003896		
	20	-10.36	-0.003992		
	30	9.11	0.003511		
	40	-12.65	-0.004875		
	50	-13.79	-0.005314		
64QAM					
3.91	-30	9.13	0.003518	Within authorized band for Band 41	Pass
	-20	-7.85	-0.003025		
	-10	-13.29	-0.005121		
	0	-8.57	-0.003303		
	10	-10.26	-0.003954		
	20	-11.76	-0.004532		
	30	-12.16	-0.004686		
	40	-9.26	-0.003568		
	50	-11.60	-0.004470		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-21.97	-0.008466	Within authorized band for Band 41	Pass
	3.91	-13.00	-0.005010		
	4.50	-9.68	-0.003730		
16QAM					
25	3.45	-9.90	-0.003815	Within authorized band for Band41	Pass
	3.91	-12.55	-0.004836		
	4.50	-12.87	-0.004960		
64QAM					
25	3.45	-16.34	-0.006297	Within authorized band for Band41	Pass
	3.91	-9.10	-0.003507		
	4.50	12.69	0.004890		
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					
3.91	-30	8.34	0.004779	Within authorized band for Band 66	Pass
	-20	-12.76	-0.007312		
	-10	-11.87	-0.006802		
	0	-10.26	-0.005880		
	10	12.39	0.007100		
	20	-10.14	-0.005811		
	30	-13.49	-0.007731		
	40	-11.56	-0.006625		
	50	-14.22	-0.008149		
16QAM					
3.91	-30	7.52	0.004309	Within authorized band for Band 66	Pass
	-20	7.84	0.004493		
	-10	9.60	0.005501		
	0	-13.95	-0.007994		
	10	-12.99	-0.007444		
	20	-9.96	-0.005708		
	30	-12.55	-0.007192		
	40	-10.39	-0.005954		
	50	4.78	0.002739		
64QAM					
3.91	-30	8.93	0.005117	Within authorized band for Band 66	Pass
	-20	6.17	0.003536		
	-10	-11.14	-0.006384		
	0	-13.80	-0.007908		
	10	-17.15	-0.009828		
	20	-20.30	-0.011633		
	30	-21.37	-0.012246		
	40	-14.83	-0.008499		
	50	-14.29	-0.008189		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-14.23	-0.008155	Within authorized band for Band 66	Pass
	3.91	-14.99	-0.008590		
	4.50	-15.52	-0.008894		
16QAM					
25	3.45	-13.12	-0.007519	Within authorized band for Band 66	Pass
	3.91	-12.79	-0.007330		
	4.50	-13.02	-0.007461		
64QAM					
25	3.45	-13.72	-0.007862	Within authorized band for Band 66	Pass
	3.91	-17.70	-0.010143		
	4.50	5.08	0.002911		
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

