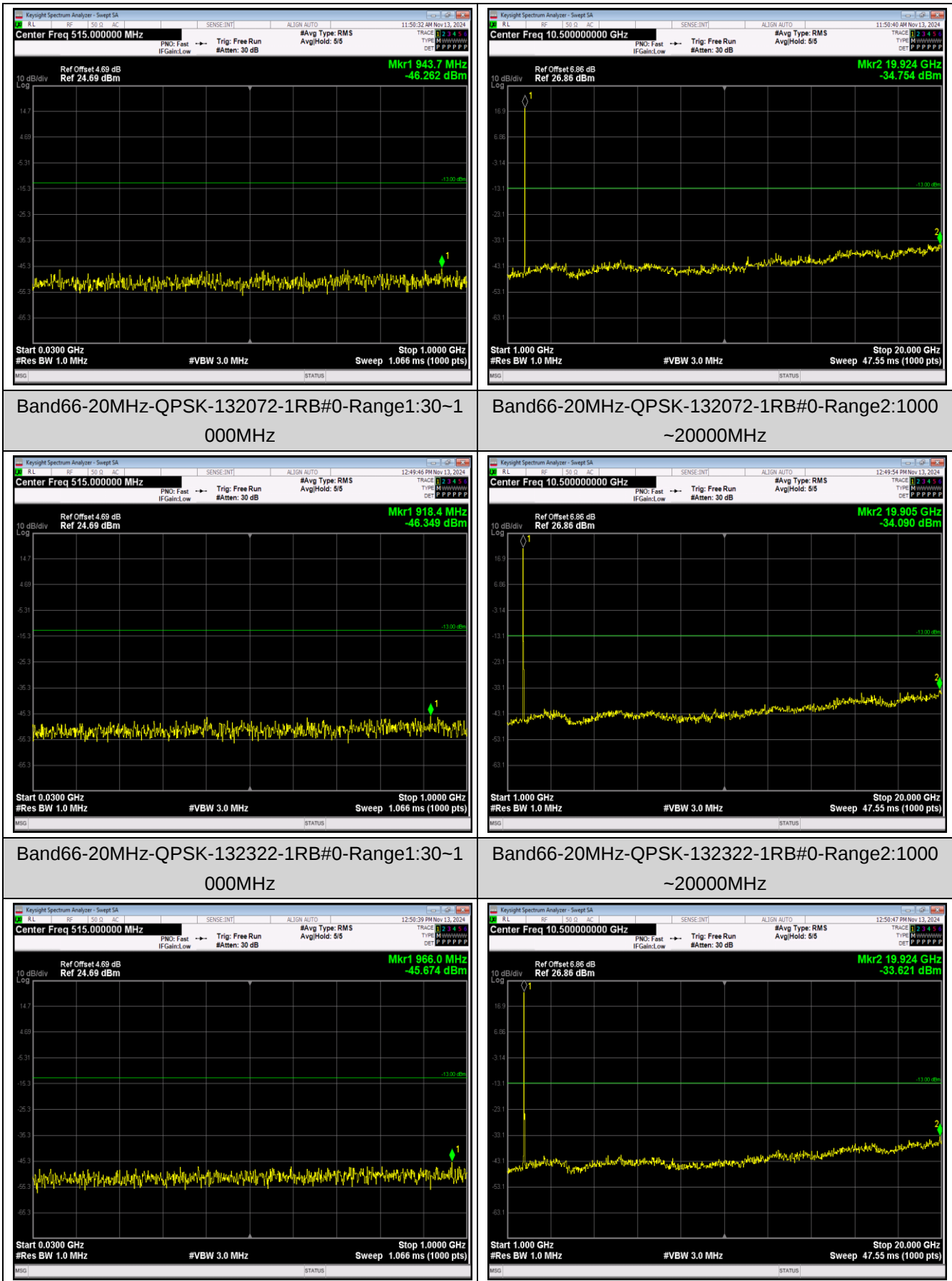
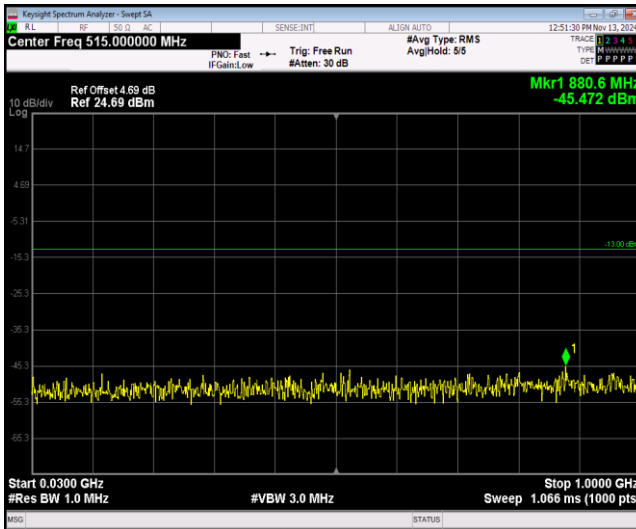
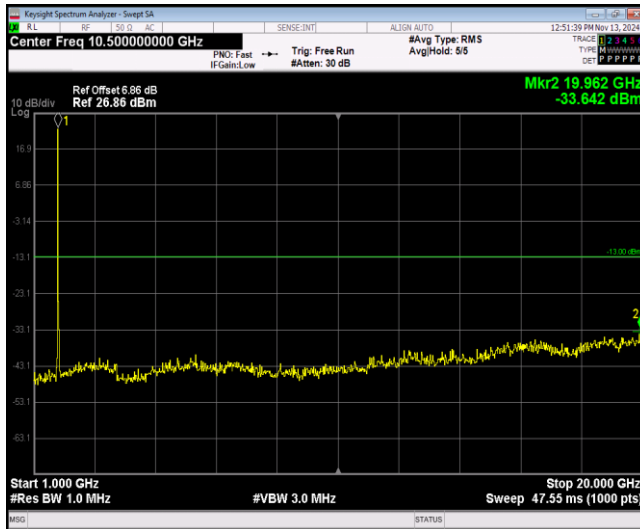




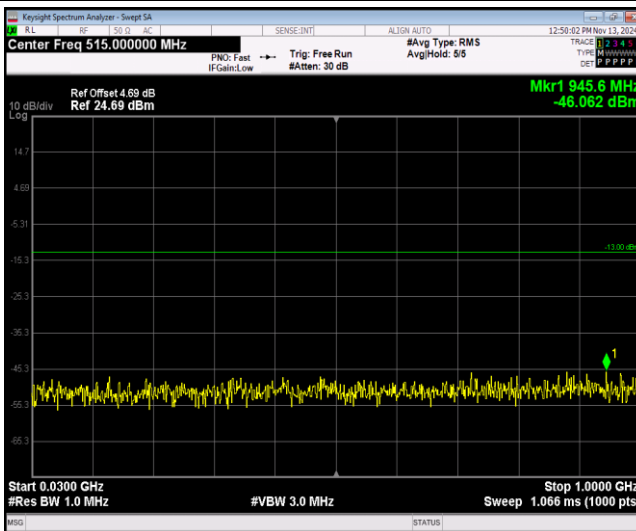
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000MHz



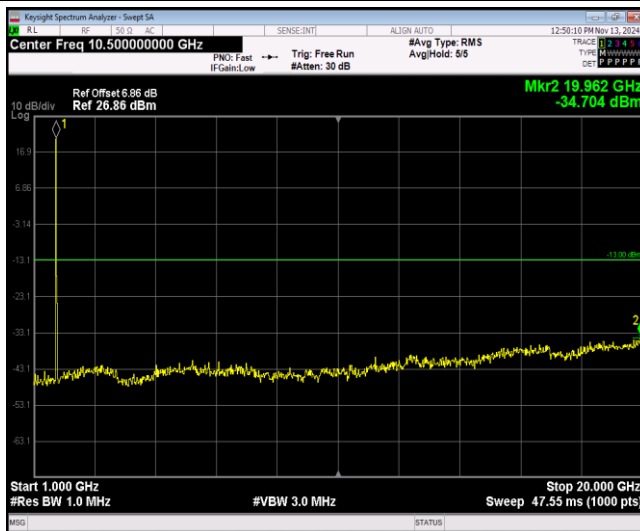
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~20000MHz



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



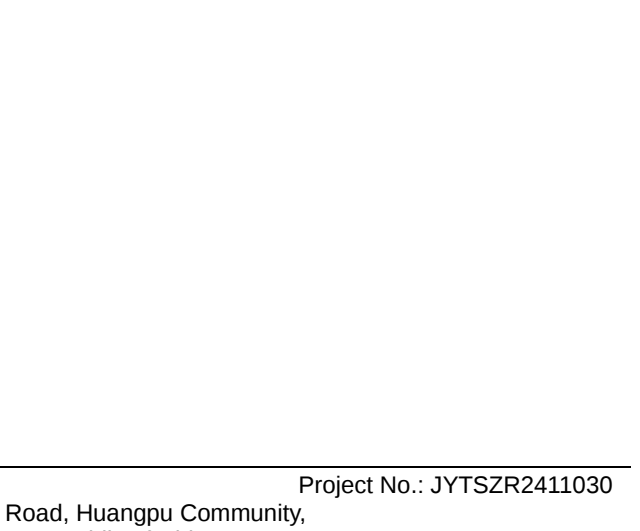
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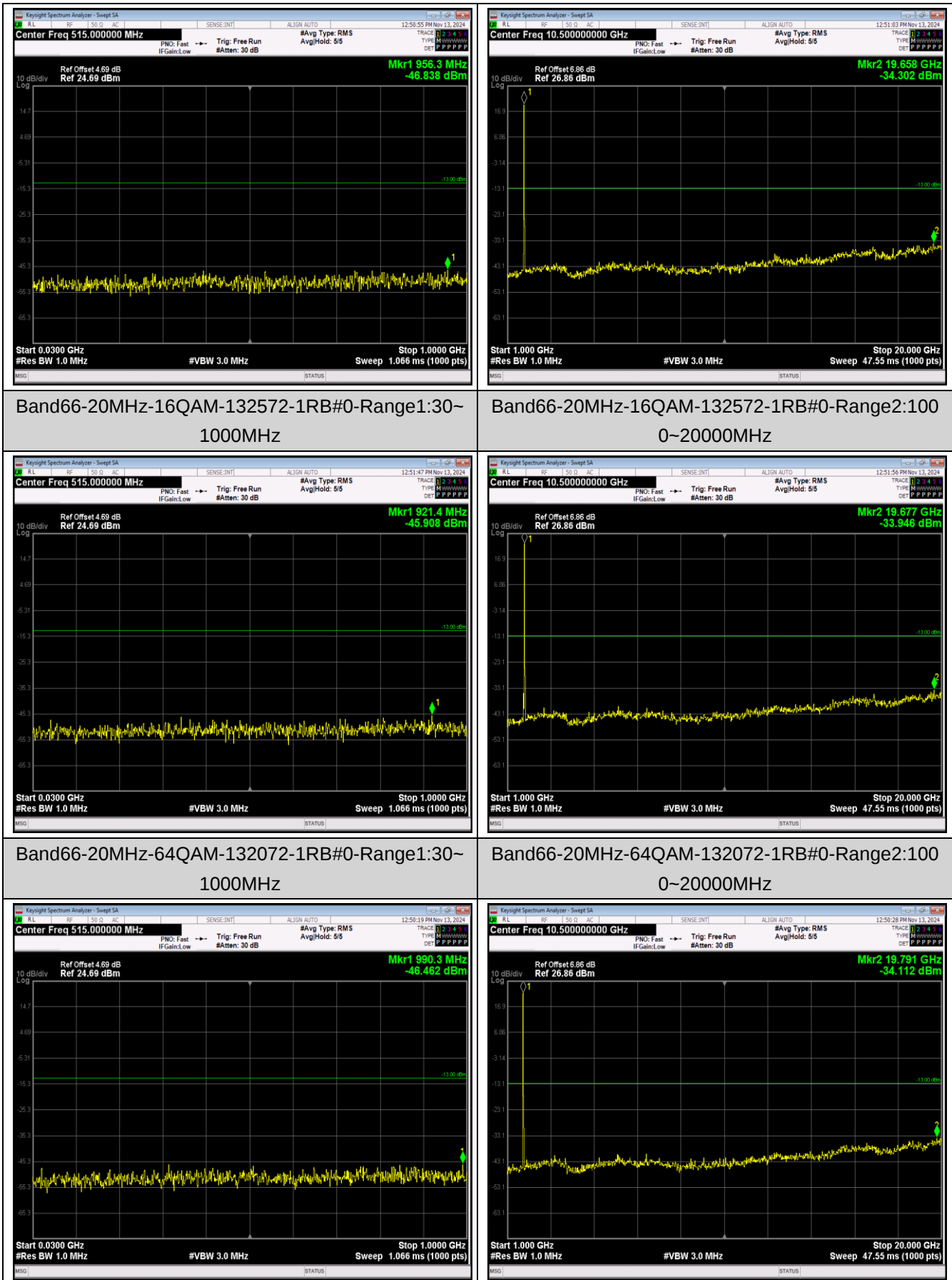


Band66-20MHz-16QAM-132322-1RB#0-Range1:30~
1000MHz

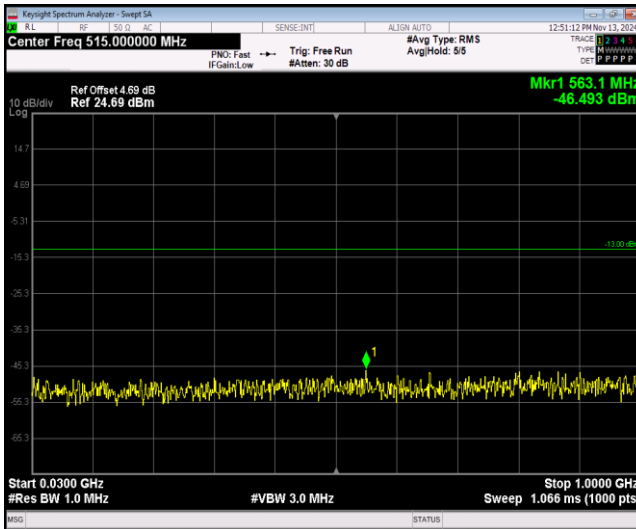


Band66-20MHz-16QAM-132322-1RB#0-Range2:100
0~20000MHz

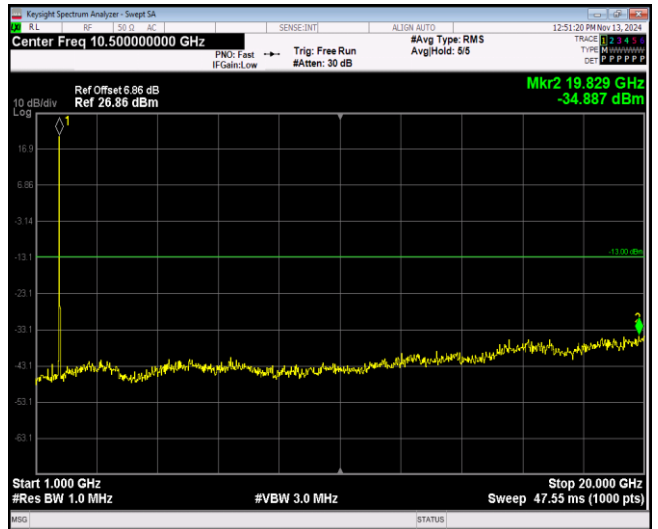




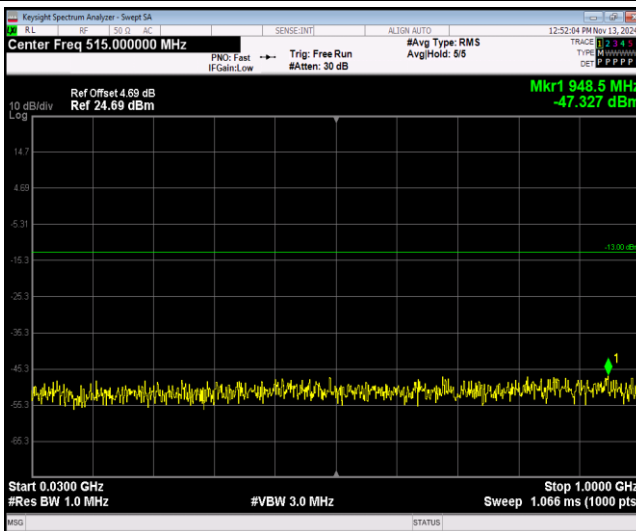
Band66-20MHz-64QAM-132322-1RB#0-Range1:30~1000MHz



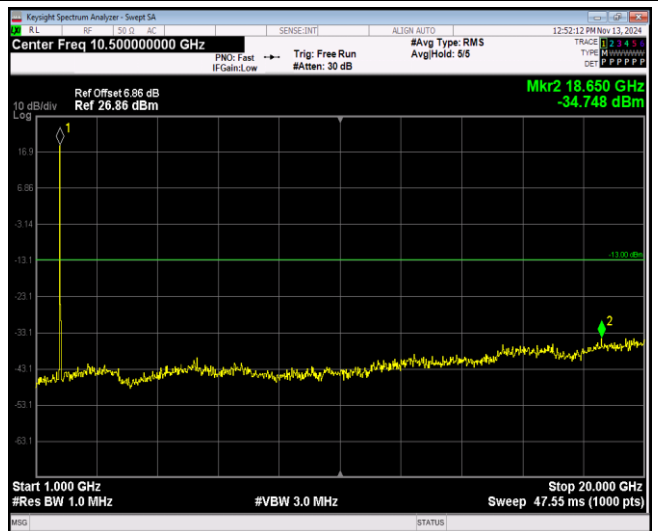
Band66-20MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz



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					
3.91	-30	-2.88	-0.001532	Within authorized band for Band 2	Pass
	-20	-19.54	-0.010394		
	-10	-15.42	-0.008202		
	0	-8.27	-0.004399		
	10	-19.68	-0.010468		
	20	-17.87	-0.009505		
	30	-16.87	-0.008973		
	40	-17.22	-0.009160		
	50	-7.97	-0.004239		
16QAM					
3.91	-30	-20.69	-0.011005	Within authorized band for Band 2	Pass
	-20	-10.73	-0.005707		
	-10	-5.09	-0.002707		
	0	-16.58	-0.008819		
	10	-10.19	-0.005420		
	20	-13.52	-0.007191		
	30	-14.13	-0.007516		
	40	5.39	0.002867		
	50	5.52	0.002936		
64QAM					
3.91	-30	-5.29	-0.002814	Within authorized band for Band 2	Pass
	-20	-20.26	-0.010777		
	-10	-14.25	-0.007580		
	0	-18.83	-0.010016		
	10	-15.82	-0.008415		
	20	-23.83	-0.012676		
	30	-14.26	-0.007585		
	40	-10.40	-0.005532		
	50	-11.63	-0.006186		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-18.47	-0.009824	Within authorized band for Band 2	Pass
	3.91	-21.24	-0.011298		
	4.50	-18.28	-0.009723		
16QAM					
25	3.45	-16.42	-0.008734	Within authorized band for Band 2	Pass
	3.91	-3.92	-0.002085		
	4.50	-15.36	-0.008170		
64QAM					
25	3.45	-20.74	-0.011032	Within authorized band for Band 2	Pass
	3.91	-13.98	-0.007436		
	4.50	-16.29	-0.008665		
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	4.84	0.002794	Within authorized band for Band 4	Pass
	-20	9.73	0.005616		
	-10	-11.32	-0.006534		
	0	-12.56	-0.007250		
	10	-12.87	-0.007429		
	20	-13.19	-0.007613		
	30	-11.92	-0.006880		
	40	4.48	0.002586		
	50	-11.83	-0.006828		
16QAM					
3.91	-30	-14.10	-0.008139	Within authorized band for Band 4	Pass
	-20	-13.65	-0.007879		
	-10	-13.82	-0.007977		
	0	-7.67	-0.004427		
	10	5.79	0.003342		
	20	-11.07	-0.006390		
	30	-12.27	-0.007082		
	40	-14.76	-0.008519		
	50	-14.76	-0.008519		
64QAM					
3.91	-30	-11.27	-0.006505	Within authorized band for Band 4	Pass
	-20	8.41	0.004854		
	-10	-8.78	-0.005068		
	0	-20.61	-0.011896		
	10	-11.07	-0.006390		
	20	-8.35	-0.004820		
	30	-11.19	-0.006459		
	40	-12.50	-0.007215		
	50	-11.16	-0.006442		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-16.87	-0.009737	Within authorized band for Band 4	Pass
	3.91	-9.81	-0.005662		
	4.50	-7.37	-0.004254		
16QAM					
25	3.45	9.71	0.005605	Within authorized band for Band 4	Pass
	3.91	-11.01	-0.006355		
	4.50	5.58	0.003221		
64QAM					
25	3.45	-10.14	-0.005853	Within authorized band for Band 4	Pass
	3.91	2.99	0.001726		
	4.50	-16.29	-0.009403		
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	-6.25	-0.007472	±2.5	Pass
	-20	-2.17	-0.002594		
	-10	-8.51	-0.010173		
	0	-10.66	-0.012744		
	10	-9.70	-0.011596		
	20	-8.41	-0.010054		
	30	-12.22	-0.014608		
	40	-6.90	-0.008249		
	50	-10.23	-0.012230		
16QAM					
3.91	-30	-12.13	-0.014501	±2.5	Pass
	-20	-6.31	-0.007543		
	-10	-9.23	-0.011034		
	0	-14.72	-0.017597		
	10	-10.74	-0.012839		
	20	-6.59	-0.007878		
	30	-5.25	-0.006276		
	40	-13.10	-0.015660		
	50	-9.63	-0.011512		
64QAM					
3.91	-30	-7.93	-0.009480	±2.5	Pass
	-20	-11.36	-0.013580		
	-10	-13.36	-0.015971		
	0	-7.30	-0.008727		
	10	-11.49	-0.013736		
	20	-11.49	-0.013736		
	30	-8.54	-0.010209		
	40	-10.06	-0.012026		
	50	-6.69	-0.007998		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-9.73	-0.011632	±2.5	Pass
	3.91	-13.90	-0.016617		
	4.50	-11.80	-0.014106		
16QAM					
25	3.45	-1.34	-0.001602	±2.5	Pass
	3.91	-10.39	-0.012421		
	4.50	-12.83	-0.015338		
64QAM					
25	3.45	-10.14	-0.012122	±2.5	Pass
	3.91	-8.30	-0.009922		
	4.50	-10.76	-0.012863		
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	-19.78	-0.007803	Within authorized band for Band 7	Pass
	-20	-20.36	-0.008032		
	-10	-19.96	-0.007874		
	0	-12.82	-0.005057		
	10	6.91	0.002726		
	20	-17.98	-0.007093		
	30	12.16	0.004797		
	40	-20.50	-0.008087		
	50	-21.53	-0.008493		
16QAM					
3.91	-30	16.18	0.006383	Within authorized band for Band 7	Pass
	-20	-17.41	-0.006868		
	-10	-14.49	-0.005716		
	0	-22.59	-0.008911		
	10	-15.46	-0.006099		
	20	-15.59	-0.006150		
	30	-19.45	-0.007673		
	40	-15.45	-0.006095		
	50	13.40	0.005286		
64QAM					
3.91	-30	-14.61	-0.005763	Within authorized band for Band 7	Pass
	-20	-20.24	-0.007984		
	-10	-18.93	-0.007467		
	0	-18.32	-0.007227		
	10	-20.38	-0.008039		
	20	-23.92	-0.009436		
	30	-5.92	-0.002335		
	40	-24.89	-0.009819		
	50	-15.42	-0.006083		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-16.19	-0.006387	Within authorized band for Band 7	Pass
	3.91	-23.46	-0.009254		
	4.50	-4.75	-0.001874		
16QAM					
25	3.45	-27.27	-0.010757	Within authorized band for Band 7	Pass
	3.91	-20.21	-0.007972		
	4.50	6.27	0.002473		
64QAM					
25	3.45	-16.67	-0.006576	Within authorized band for Band 7	Pass
	3.91	14.26	0.005625		
	4.50	-16.21	-0.006394		
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	-11.43	-0.016155	Within authorized band for Band 12	Pass
	-20	-10.87	-0.015364		
	-10	-7.35	-0.010389		
	0	-10.09	-0.014261		
	10	-4.49	-0.006346		
	20	-12.69	-0.017936		
	30	-11.42	-0.016141		
	40	-7.37	-0.010417		
	50	-10.33	-0.014601		
16QAM					
3.91	-30	-12.45	-0.017597	Within authorized band for Band 12	Pass
	-20	-10.07	-0.014233		
	-10	-7.85	-0.011095		
	0	-9.36	-0.013230		
	10	-7.41	-0.010473		
	20	-7.91	-0.011180		
	30	-9.53	-0.013470		
	40	2.46	0.003477		
	50	-13.40	-0.018940		
64QAM					
3.91	-30	-2.59	-0.003661	Within authorized band for Band 12	Pass
	-20	-10.34	-0.014615		
	-10	-5.58	-0.007887		
	0	-8.40	-0.011873		
	10	-12.56	-0.017753		
	20	3.99	0.005640		
	30	-7.91	-0.011180		
	40	-8.65	-0.012226		
	50	-8.51	-0.012028		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-13.19	-0.018643	Within authorized band for Band 12	Pass
	3.91	-9.73	-0.013753		
	4.50	-9.18	-0.012975		
16QAM					
25	3.45	33.06	0.046728	Within authorized band for Band 12	Pass
	3.91	-48.91	-0.069131		
	4.50	33.35	0.047138		
64QAM					
25	3.45	-8.75	-0.012367	Within authorized band for Band 12	Pass
	3.91	-9.17	-0.012961		
	4.50	-11.10	-0.015689		
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	-8.58	-0.012085	Within authorized band for Band 17	Pass
	-20	-11.62	-0.016366		
	-10	-6.59	-0.009282		
	0	-11.62	-0.016366		
	10	2.19	0.003085		
	20	-10.73	-0.015113		
	30	-7.28	-0.010254		
	40	-12.04	-0.016958		
	50	-6.52	-0.009183		
16QAM					
3.91	-30	-2.33	-0.003282	Within authorized band for Band 17	Pass
	-20	-11.14	-0.015690		
	-10	1.95	0.002746		
	0	-7.87	-0.011085		
	10	-10.49	-0.014775		
	20	-7.71	-0.010859		
	30	-2.95	-0.004155		
	40	-9.48	-0.013352		
	50	-8.73	-0.012296		
64QAM					
3.91	-30	-8.70	-0.012254	Within authorized band for Band 17	Pass
	-20	-6.91	-0.009732		
	-10	-8.97	-0.012634		
	0	-4.35	-0.006127		
	10	-6.38	-0.008986		
	20	-9.73	-0.013704		
	30	-8.15	-0.011479		
	40	-8.10	-0.011408		
	50	-3.63	-0.005113		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-9.53	-0.013423	Within authorized band for Band 17	Pass
	3.91	-8.23	-0.011592		
	4.50	-7.78	-0.010958		
16QAM					
25	3.45	-10.54	-0.014845	Within authorized band for Band 17	Pass
	3.91	-7.81	-0.011000		
	4.50	-10.41	-0.014662		
64QAM					
25	3.45	-8.10	-0.011408	Within authorized band for Band 17	Pass
	3.91	-5.34	-0.007521		
	4.50	-8.08	-0.011380		
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					
3.91	-30	-4.51	-0.005507	Within authorized band for Band 26	Pass
	-20	-9.81	-0.011978		
	-10	-6.82	-0.008327		
	0	-6.91	-0.008437		
	10	-4.65	-0.005678		
	20	-11.50	-0.014042		
	30	-9.90	-0.012088		
	40	-9.40	-0.011477		
	50	-8.48	-0.010354		
16QAM					
3.91	-30	-10.29	-0.012564	Within authorized band for Band 26	Pass
	-20	-8.20	-0.010012		
	-10	-7.98	-0.009744		
	0	-3.62	-0.004420		
	10	-8.64	-0.010549		
	20	-8.80	-0.010745		
	30	-6.45	-0.007875		
	40	-14.98	-0.018291		
	50	-9.03	-0.011026		
64QAM					
3.91	-30	-4.96	-0.006056	Within authorized band for Band 26	Pass
	-20	-10.89	-0.013297		
	-10	-9.48	-0.011575		
	0	-10.64	-0.012991		
	10	-14.42	-0.017607		
	20	-7.14	-0.008718		
	30	-7.51	-0.009170		
	40	-9.74	-0.011893		
	50	-10.04	-0.012259		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-9.50	-0.011600	Within authorized band for Band 26	Pass
	3.91	-6.01	-0.007338		
	4.50	-2.69	-0.003284		
16QAM					
25	3.45	-9.21	-0.011245	Within authorized band for Band 26	Pass
	3.91	-12.10	-0.014774		
	4.50	-8.87	-0.010830		
64QAM					
25	3.45	-11.90	-0.014530	Within authorized band for Band 26	Pass
	3.91	-11.87	-0.014493		
	4.50	-6.74	-0.008230		
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					
3.91	-30	-7.50	-0.008966	Within authorized band for Band 26	Pass
	-20	-12.92	-0.015445		
	-10	-15.12	-0.018075		
	0	-11.54	-0.013796		
	10	-16.29	-0.019474		
	20	-12.37	-0.014788		
	30	-11.00	-0.013150		
	40	-8.41	-0.010054		
	50	-11.60	-0.013867		
16QAM					
3.91	-30	-8.64	-0.010329	Within authorized band for Band 26	Pass
	-20	-5.56	-0.006647		
	-10	-6.14	-0.007340		
	0	-9.36	-0.011189		
	10	-10.50	-0.012552		
	20	-5.05	-0.006037		
	30	-7.01	-0.008380		
	40	-5.34	-0.006384		
	50	-10.57	-0.012636		
64QAM					
3.91	-30	-6.44	-0.007699	Within authorized band for Band 26	Pass
	-20	-6.48	-0.007747		
	-10	-7.15	-0.008548		
	0	-12.15	-0.014525		
	10	-9.00	-0.010759		
	20	-7.02	-0.008392		
	30	-8.53	-0.010197		
	40	-11.42	-0.013652		
	50	-8.20	-0.009803		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-10.21	-0.012206	Within authorized band for Band 26	Pass
	3.91	-11.97	-0.014310		
	4.50	-8.05	-0.009623		
16QAM					
25	3.45	-7.00	-0.008368	Within authorized band for Band 26	Pass
	3.91	-14.08	-0.016832		
	4.50	-12.02	-0.014369		
64QAM					
25	3.45	-13.22	-0.015804	Within authorized band for Band 26	Pass
	3.91	-5.38	-0.006432		
	4.50	-5.71	-0.006826		
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 (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.91	-30	-9.03	-0.003480	Within authorized band for Band 38	Pass
	-20	-11.33	-0.004366		
	-10	-3.28	-0.001264		
	0	3.49	0.001345		
	10	-8.47	-0.003264		
	20	-10.84	-0.004177		
	30	5.26	0.002027		
	40	-7.15	-0.002755		
	50	-11.12	-0.004285		
16QAM					
3.91	-30	-12.47	-0.004805	Within authorized band for Band 38	Pass
	-20	-9.58	-0.003692		
	-10	-10.26	-0.003954		
	0	7.50	0.002890		
	10	-15.25	-0.005877		
	20	9.90	0.003815		
	30	5.22	0.002012		
	40	-15.68	-0.006042		
	50	-16.37	-0.006308		
64QAM					
3.91	-30	-16.97	-0.006539	Within authorized band for Band 38	Pass
	-20	-14.06	-0.005418		
	-10	-8.45	-0.003256		
	0	8.50	0.003276		
	10	-11.59	-0.004466		
	20	-18.18	-0.007006		
	30	-15.02	-0.005788		
	40	-7.82	-0.003013		
	50	-11.62	-0.004478		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-12.73	-0.004906	Within authorized band for Band 38	Pass
	3.91	-14.13	-0.005445		
	4.50	-15.03	-0.005792		
16QAM					
25	3.45	-9.11	-0.003511	Within authorized band for Band 38	Pass
	3.91	-12.15	-0.004682		
	4.50	8.30	0.003198		
64QAM					
25	3.45	-5.62	-0.002166	Within authorized band for Band 38	Pass
	3.91	9.58	0.003692		
	4.50	-15.29	-0.005892		
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	-8.77	-0.003380	Within authorized band for Band 41	Pass
	-20	-20.57	-0.007927		
	-10	-15.55	-0.005992		
	0	-7.31	-0.002817		
	10	-8.08	-0.003114		
	20	-15.28	-0.005888		
	30	-15.03	-0.005792		
	40	-13.23	-0.005098		
	50	-17.48	-0.006736		
16QAM					
3.91	-30	-12.23	-0.004713	Within authorized band for Band 41	Pass
	-20	-4.61	-0.001776		
	-10	-12.53	-0.004829		
	0	-17.02	-0.006559		
	10	-2.47	-0.000952		
	20	-13.48	-0.005195		
	30	-11.74	-0.004524		
	40	-4.49	-0.001730		
	50	-13.73	-0.005291		
64QAM					
3.91	-30	-6.21	-0.002393	Within authorized band for Band 41	Pass
	-20	-7.85	-0.003025		
	-10	-15.96	-0.006150		
	0	-13.26	-0.005110		
	10	-5.78	-0.002227		
	20	-9.87	-0.003803		
	30	-18.47	-0.007118		
	40	-11.79	-0.004543		
	50	-19.51	-0.007518		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-16.49	-0.006355	Within authorized band for Band 41	Pass
	3.91	-13.68	-0.005272		
	4.50	-13.42	-0.005171		
16QAM					
25	3.45	-16.94	-0.006528	Within authorized band for Band41	Pass
	3.91	-16.32	-0.006289		
	4.50	-9.77	-0.003765		
64QAM					
25	3.45	-13.65	-0.005260	Within authorized band for Band41	Pass
	3.91	-10.80	-0.004162		
	4.50	-18.44	-0.007106		
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	-8.91	-0.005106	Within authorized band for Band 66	Pass
	-20	-10.99	-0.006298		
	-10	-14.92	-0.008550		
	0	-14.93	-0.008556		
	10	-16.06	-0.009203		
	20	-19.27	-0.011043		
	30	-14.10	-0.008080		
	40	-9.16	-0.005249		
	50	-15.82	-0.009066		
16QAM					
3.91	-30	-10.34	-0.005926	Within authorized band for Band 66	Pass
	-20	-11.40	-0.006533		
	-10	-16.09	-0.009221		
	0	-11.32	-0.006487		
	10	-10.24	-0.005868		
	20	-19.01	-0.010894		
	30	-9.43	-0.005404		
	40	-13.88	-0.007954		
	50	-12.09	-0.006928		
64QAM					
3.91	-30	-13.46	-0.007713	Within authorized band for Band 66	Pass
	-20	9.51	0.005450		
	-10	-12.55	-0.007192		
	0	-10.07	-0.005771		
	10	-14.10	-0.008080		
	20	-15.38	-0.008814		
	30	-14.99	-0.008590		
	40	12.30	0.007049		
	50	-14.83	-0.008499		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	-9.11	-0.005221	Within authorized band for Band 66	Pass
	3.91	-15.41	-0.008831		
	4.50	-9.38	-0.005375		
16QAM					
25	3.45	-11.24	-0.006441	Within authorized band for Band 66	Pass
	3.91	-15.13	-0.008670		
	4.50	-15.92	-0.009123		
64QAM					
25	3.45	-10.09	-0.005782	Within authorized band for Band 66	Pass
	3.91	-9.94	-0.005696		
	4.50	-14.19	-0.008132		
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.					

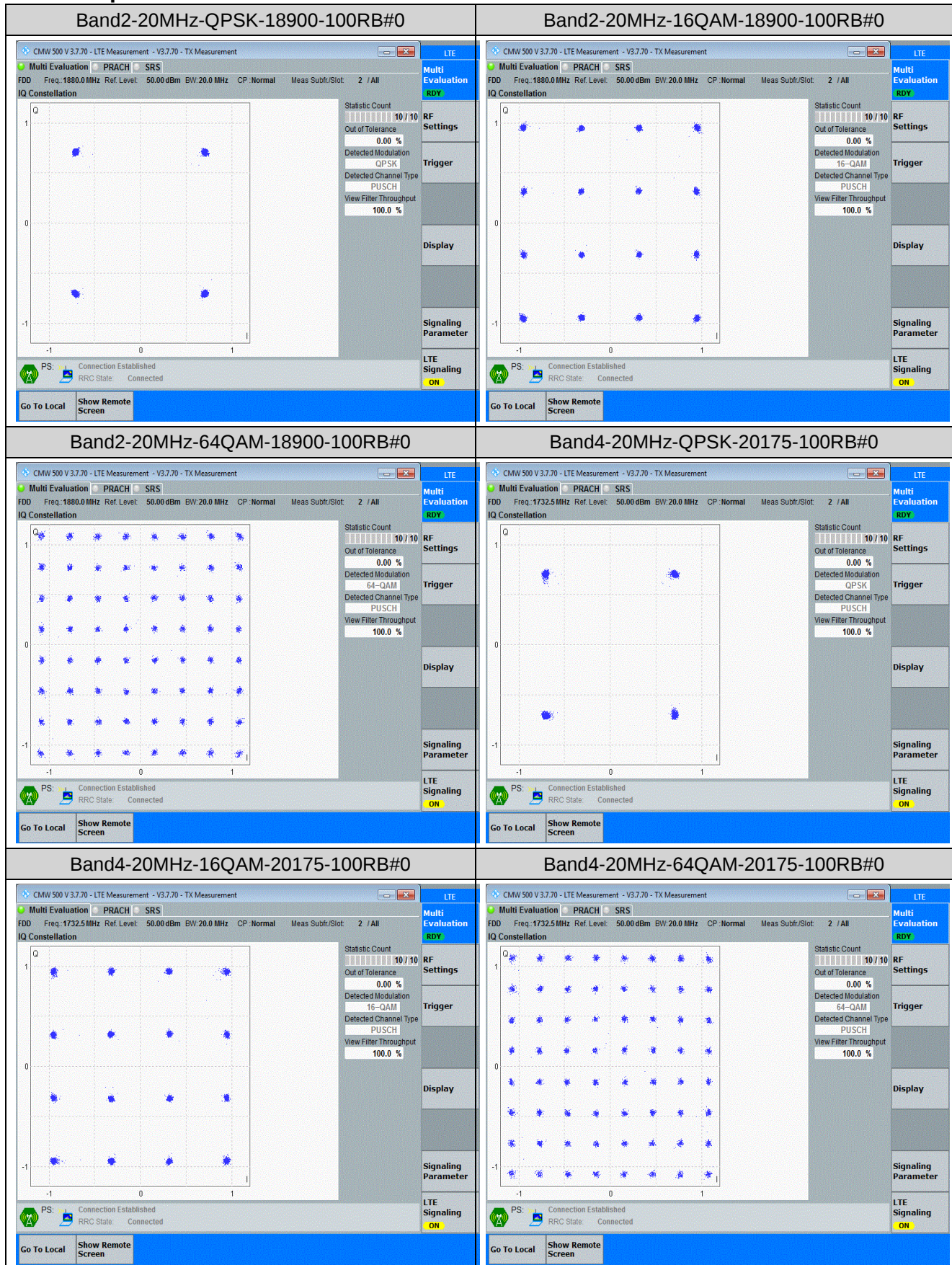
Appendix G: Modulation Characteristics

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



Band5-10MHz-QPSK-20525-50RB#0	Band5-10MHz-16QAM-20525-50RB#0
Band5-10MHz-64QAM-20525-50RB#0	Band7-20MHz-QPSK-21100-100RB#0
Band7-20MHz-16QAM-21100-100RB#0	Band7-20MHz-64QAM-21100-100RB#0
Band12-10MHz-QPSK-23095-50RB#0	Band12-10MHz-16QAM-23095-50RB#0