

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	3.83	0.002037	Within authorized band for Band 2	Pass
	3.87	6.32	0.003362		
	4.45	8.01	0.004261		
16QAM					
25	3.45	-6.38	-0.003394	Within authorized band for Band 2	Pass
	3.87	-7.32	-0.003894		
	4.45	3.10	0.001649		
64QAM					
25	3.45	11.56	0.006149	Within authorized band for Band 2	Pass
	3.87	3.13	0.001665		
	4.45	5.79	0.003080		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

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					
3.87	-30	3.19	0.003814	±2.5	Pass
	-20	-5.81	-0.006946		
	-10	-3.95	-0.004722		
	0	-3.46	-0.004136		
	10	-2.09	-0.002499		
	20	-5.49	-0.006563		
	30	-4.49	-0.005368		
	40	2.43	0.002905		
	50	2.27	0.002714		
16QAM					
3.87	-30	1.59	0.001901	±2.5	Pass
	-20	-5.91	-0.007065		
	-10	2.05	0.002451		
	0	-6.58	-0.007866		
	10	-2.65	-0.003168		
	20	-6.41	-0.007663		
	30	-4.21	-0.005033		
	40	-5.97	-0.007137		
	50	-2.53	-0.003025		
64QAM					
3.87	-30	-4.72	-0.005643	±2.5	Pass
	-20	-5.51	-0.006587		
	-10	-4.26	-0.005093		
	0	-6.54	-0.007818		
	10	3.69	0.004411		
	20	3.26	0.003897		
	30	-4.31	-0.005152		
	40	-6.04	-0.007221		
	50	-4.01	-0.004794		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	4.05	0.004842	±2.5	Pass
	3.87	-5.36	-0.006408		
	4.45	-3.82	-0.004567		
16QAM					
25	3.45	-3.78	-0.004519	±2.5	Pass
	3.87	-5.05	-0.006037		
	4.45	-4.58	-0.005475		
64QAM					
25	3.45	-5.68	-0.006790	±2.5	Pass
	3.87	-4.76	-0.005690		
	4.45	-3.22	-0.003849		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

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					
3.87	-30	14.53	0.005732	Within authorized band for Band 7	Pass
	-20	7.05	0.002781		
	-10	4.43	0.001748		
	0	14.41	0.005684		
	10	10.80	0.004260		
	20	6.69	0.002639		
	30	3.35	0.001321		
	40	10.06	0.003968		
	50	4.02	0.001586		
16QAM					
3.87	-30	7.50	0.002959	Within authorized band for Band 7	Pass
	-20	-14.33	-0.005653		
	-10	-9.88	-0.003897		
	0	10.87	0.004288		
	10	15.75	0.006213		
	20	4.76	0.001878		
	30	7.68	0.003030		
	40	13.48	0.005318		
	50	6.01	0.002371		
64QAM					
3.87	-30	12.87	0.005077	Within authorized band for Band 7	Pass
	-20	-11.10	-0.004379		
	-10	11.62	0.004584		
	0	-10.46	-0.004126		
	10	11.27	0.004446		
	20	-6.37	-0.002513		
	30	7.68	0.003030		
	40	10.40	0.004103		
	50	13.33	0.005258		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	14.08	0.005554	Within authorized band for Band 7	Pass
	3.87	11.46	0.004521		
	4.45	-7.47	-0.002947		
16QAM					
25	3.45	13.63	0.005377	Within authorized band for Band 7	Pass
	3.87	-9.30	-0.003669		
	4.45	12.77	0.005037		
64QAM					
25	3.45	-9.37	-0.003696	Within authorized band for Band 7	Pass
	3.87	5.76	0.002272		
	4.45	10.19	0.004020		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

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					
3.87	-30	-1.07	-0.001512	Within authorized band for Band 12	Pass
	-20	-2.23	-0.003152		
	-10	-2.40	-0.003392		
	0	2.07	0.002926		
	10	-2.47	-0.003491		
	20	3.39	0.004792		
	30	-5.81	-0.008212		
	40	-5.26	-0.007435		
	50	-4.25	-0.006007		
16QAM					
3.87	-30	1.36	0.001922	Within authorized band for Band 12	Pass
	-20	3.05	0.004311		
	-10	-3.85	-0.005442		
	0	-1.89	-0.002671		
	10	-1.52	-0.002148		
	20	3.10	0.004382		
	30	2.47	0.003491		
	40	-6.37	-0.009004		
	50	2.56	0.003618		
64QAM					
3.87	-30	3.20	0.004523	Within authorized band for Band 12	Pass
	-20	-1.97	-0.002784		
	-10	4.19	0.005922		
	0	-1.87	-0.002643		
	10	4.63	0.006544		
	20	3.42	0.004834		
	30	6.21	0.008777		
	40	2.10	0.002968		
	50	4.06	0.005739		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	1.53	0.002163	Within authorized band for Band 12	Pass
	3.87	-4.92	-0.006954		
	4.45	3.71	0.005244		
16QAM					
25	3.45	-2.59	-0.003661	Within authorized band for Band 12	Pass
	3.87	-2.47	-0.003491		
	4.45	2.32	0.003279		
64QAM					
25	3.45	-4.33	-0.006120	Within authorized band for Band 12	Pass
	3.87	-4.05	-0.005724		
	4.45	-3.62	-0.005117		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

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					
3.87	-30	-3.39	-0.004775	Within authorized band for Band 17	Pass
	-20	-3.23	-0.004549		
	-10	-4.29	-0.006042		
	0	-3.72	-0.005239		
	10	-3.39	-0.004775		
	20	-3.72	-0.005239		
	30	-3.85	-0.005423		
	40	-5.88	-0.008282		
	50	-4.58	-0.006451		
16QAM					
3.87	-30	-7.47	-0.010521	Within authorized band for Band 17	Pass
	-20	-3.20	-0.004507		
	-10	-5.11	-0.007197		
	0	-5.95	-0.008380		
	10	-3.18	-0.004479		
	20	-7.72	-0.010873		
	30	-5.09	-0.007169		
	40	-5.45	-0.007676		
	50	-3.65	-0.005141		
64QAM					
3.87	-30	-4.35	-0.006127	Within authorized band for Band 17	Pass
	-20	-4.15	-0.005845		
	-10	1.54	0.002169		
	0	-6.17	-0.008690		
	10	1.44	0.002028		
	20	-2.80	-0.003944		
	30	-5.52	-0.007775		
	40	-9.94	-0.014000		
	50	-6.75	-0.009507		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	1.99	0.002803	Within authorized band for Band 17	Pass
	3.87	-2.40	-0.003380		
	4.45	-1.39	-0.001958		
16QAM					
25	3.45	-5.05	-0.007113	Within authorized band for Band 17	Pass
	3.87	-7.31	-0.010296		
	4.45	-5.48	-0.007718		
64QAM					
25	3.45	-3.99	-0.005620	Within authorized band for Band 17	Pass
	3.87	-6.09	-0.008577		
	4.45	-6.34	-0.008930		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

LTE Band 41 part:

Reference Frequency: LTE Band 41 (10MHz) Middle channel=40620 Frequency=2593.0MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.87	-30	7.52	0.002900	Within authorized band for Band 41	Pass
	-20	7.98	0.003078		
	-10	12.09	0.004663		
	0	5.35	0.002063		
	10	-11.84	-0.004566		
	20	11.34	0.004373		
	30	4.39	0.001693		
	40	-13.22	-0.005098		
	50	-6.15	-0.002372		
16QAM					
3.87	-30	2.92	0.001126	Within authorized band for Band 41	Pass
	-20	10.93	0.004215		
	-10	14.89	0.005742		
	0	-3.85	-0.001485		
	10	8.84	0.003409		
	20	6.12	0.002360		
	30	11.60	0.004474		
	40	-5.02	-0.001936		
	50	-2.92	-0.001126		
64QAM					
3.87	-30	8.57	0.003305	Within authorized band for Band 41	Pass
	-20	-9.64	-0.003718		
	-10	7.18	0.002769		
	0	7.37	0.002842		
	10	7.58	0.002923		
	20	2.66	0.001026		
	30	10.73	0.004138		
	40	8.23	0.003174		
	50	15.46	0.005962		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	8.01	0.003089	Within authorized band for Band 41	Pass
	3.87	-7.94	-0.003062		
	4.45	8.83	0.003405		
16QAM					
25	3.45	5.36	0.002067	Within authorized band for Band41	Pass
	3.87	-3.15	-0.001215		
	4.45	4.13	0.001593		
64QAM					
25	3.45	15.51	0.005981	Within authorized band for Band 41	Pass
	3.87	-7.28	-0.002808		
	4.45	11.66	0.004497		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

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					
3.87	-30	3.00	0.001719	Within authorized band for Band 66	Pass
	-20	6.91	0.003960		
	-10	7.48	0.004287		
	0	-8.63	-0.004946		
	10	4.15	0.002378		
	20	-3.79	-0.002172		
	30	6.61	0.003788		
	40	12.66	0.007255		
	50	10.53	0.006034		
16QAM					
3.87	-30	6.75	0.003868	Within authorized band for Band 66	Pass
	-20	3.73	0.002138		
	-10	3.06	0.001754		
	0	6.31	0.003616		
	10	-4.01	-0.002298		
	20	2.99	0.001713		
	30	8.98	0.005146		
	40	-4.22	-0.002418		
	50	7.24	0.004149		
64QAM					
3.87	-30	9.11	0.005221	Within authorized band for Band 66	Pass
	-20	-6.81	-0.003903		
	-10	3.30	0.001891		
	0	-7.28	-0.004172		
	10	-7.21	-0.004132		
	20	9.21	0.005278		
	30	-6.92	-0.003966		
	40	9.76	0.005593		
	50	-5.94	-0.003404		

Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	3.45	5.06	0.002900	Within authorized band for Band 66	Pass
	3.87	-9.70	-0.005559		
	4.45	-2.72	-0.001559		
16QAM					
25	3.45	-2.66	-0.001524	Within authorized band for Band 66	Pass
	3.87	-6.72	-0.003851		
	4.45	-7.87	-0.004510		
64QAM					
25	3.45	2.36	0.001352	Within authorized band for Band 66	Pass
	3.87	-5.88	-0.003370		
	4.45	-11.26	-0.006453		
<i>Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.</i>					

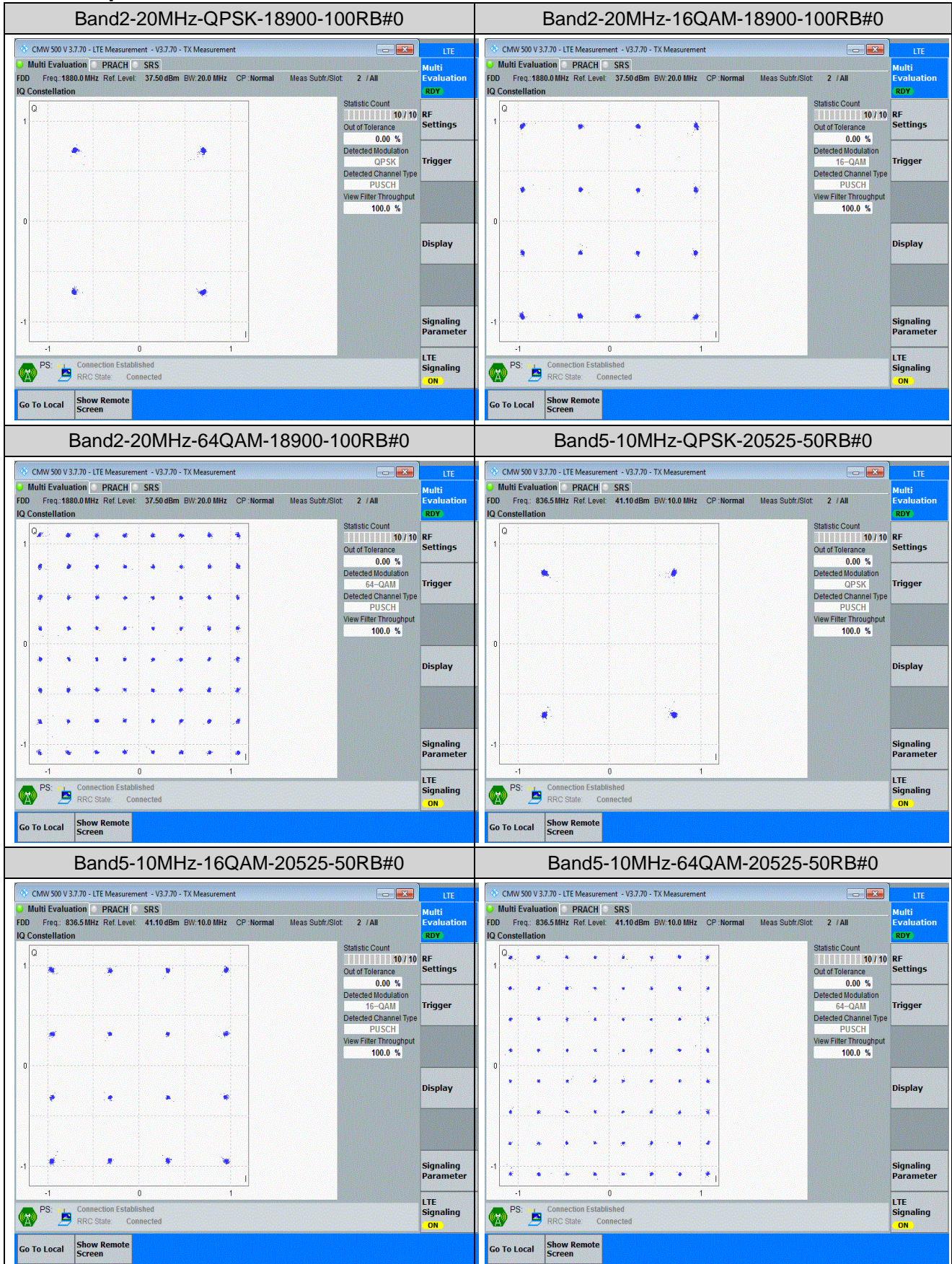
Appendix G: Modulation Characteristics

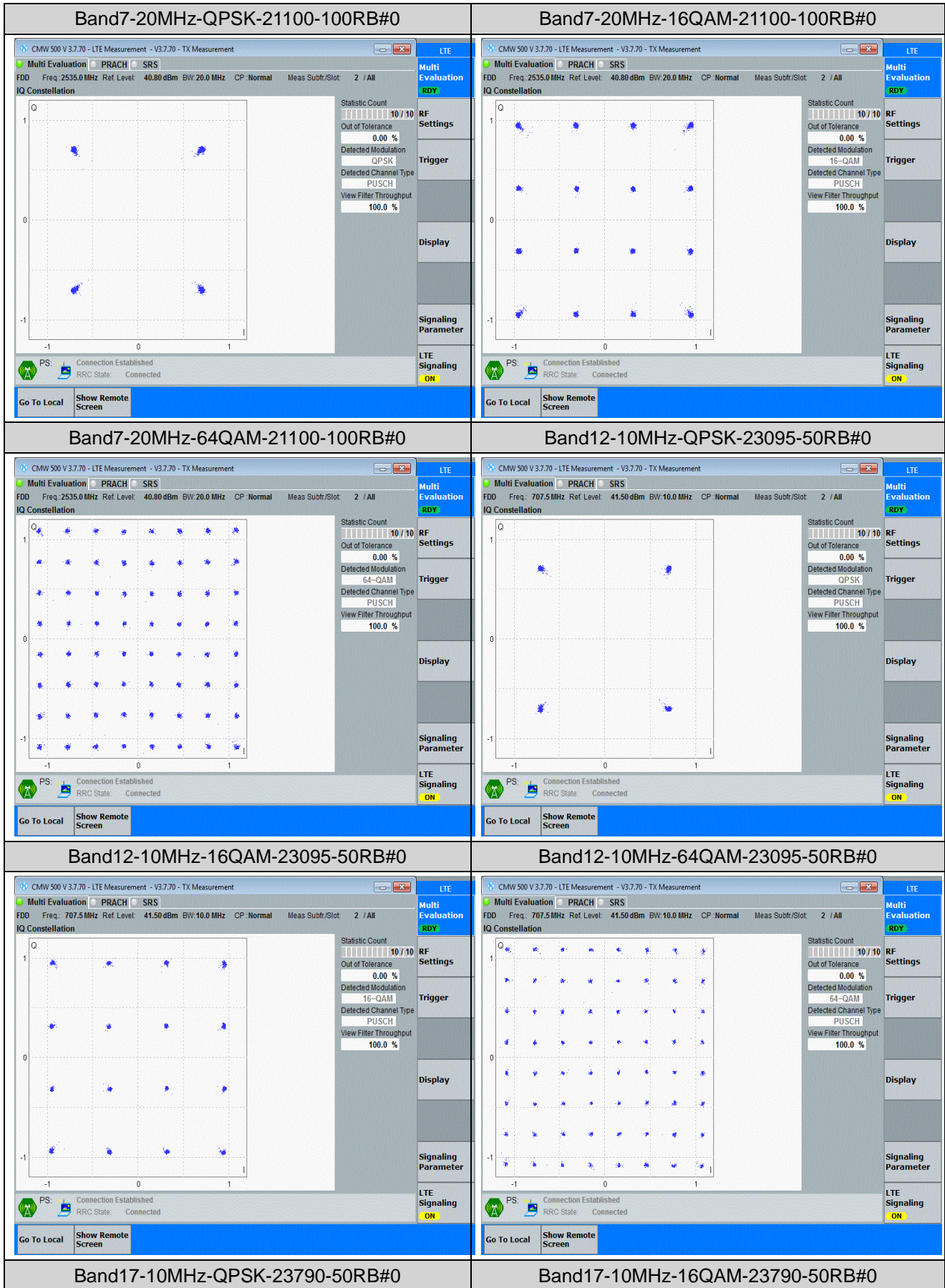
Test Result

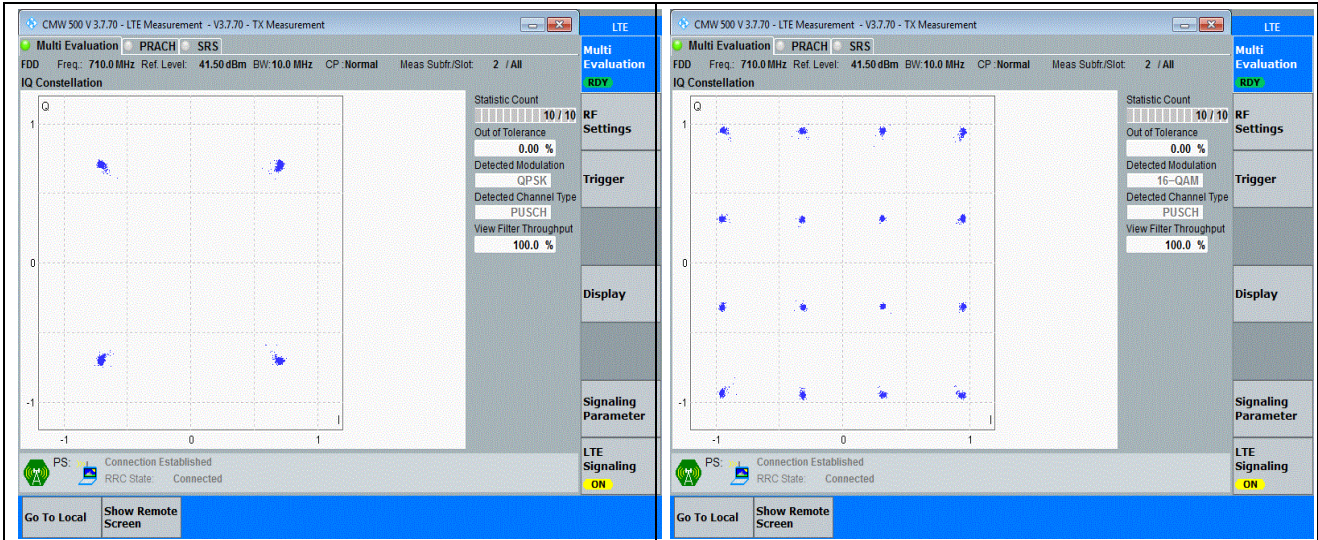
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS
Band2	20MHz	64QAM	18900	100RB#0	PASS	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	64QAM	20525	50RB#0	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
Band41	20MHz	QPSK	40620	100RB#0	PASS	PASS
Band41	20MHz	16QAM	40620	100RB#0	PASS	PASS
Band41	20MHz	64QAM	40620	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

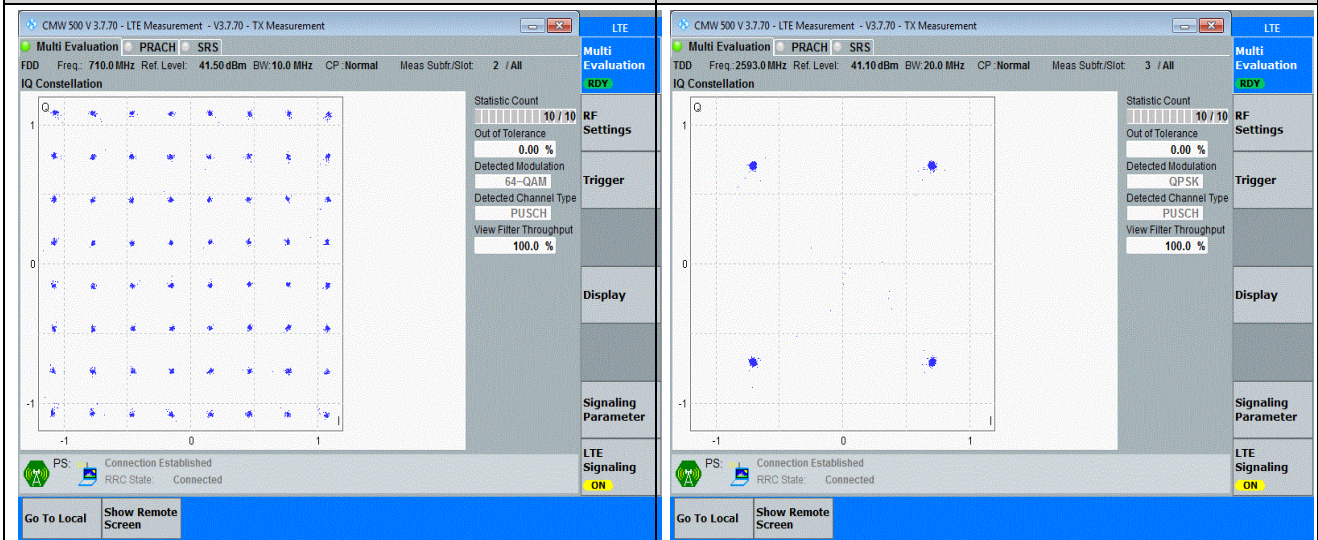






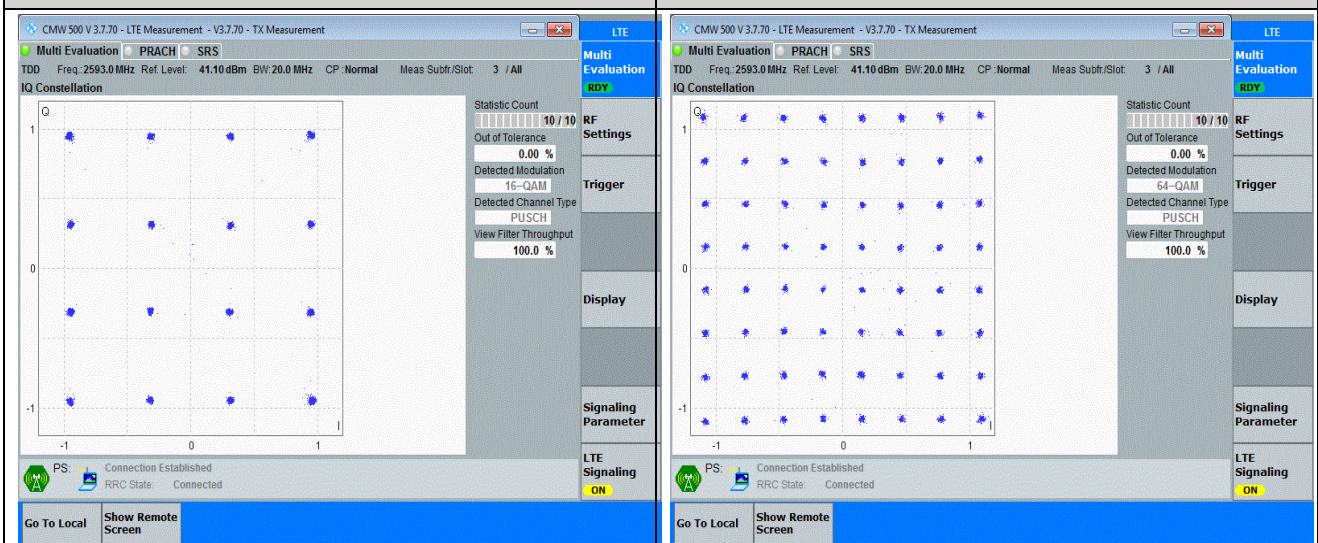
Band17-10MHz-64QAM-23790-50RB#0

Band41-20MHz-QPSK-40620-100RB#0



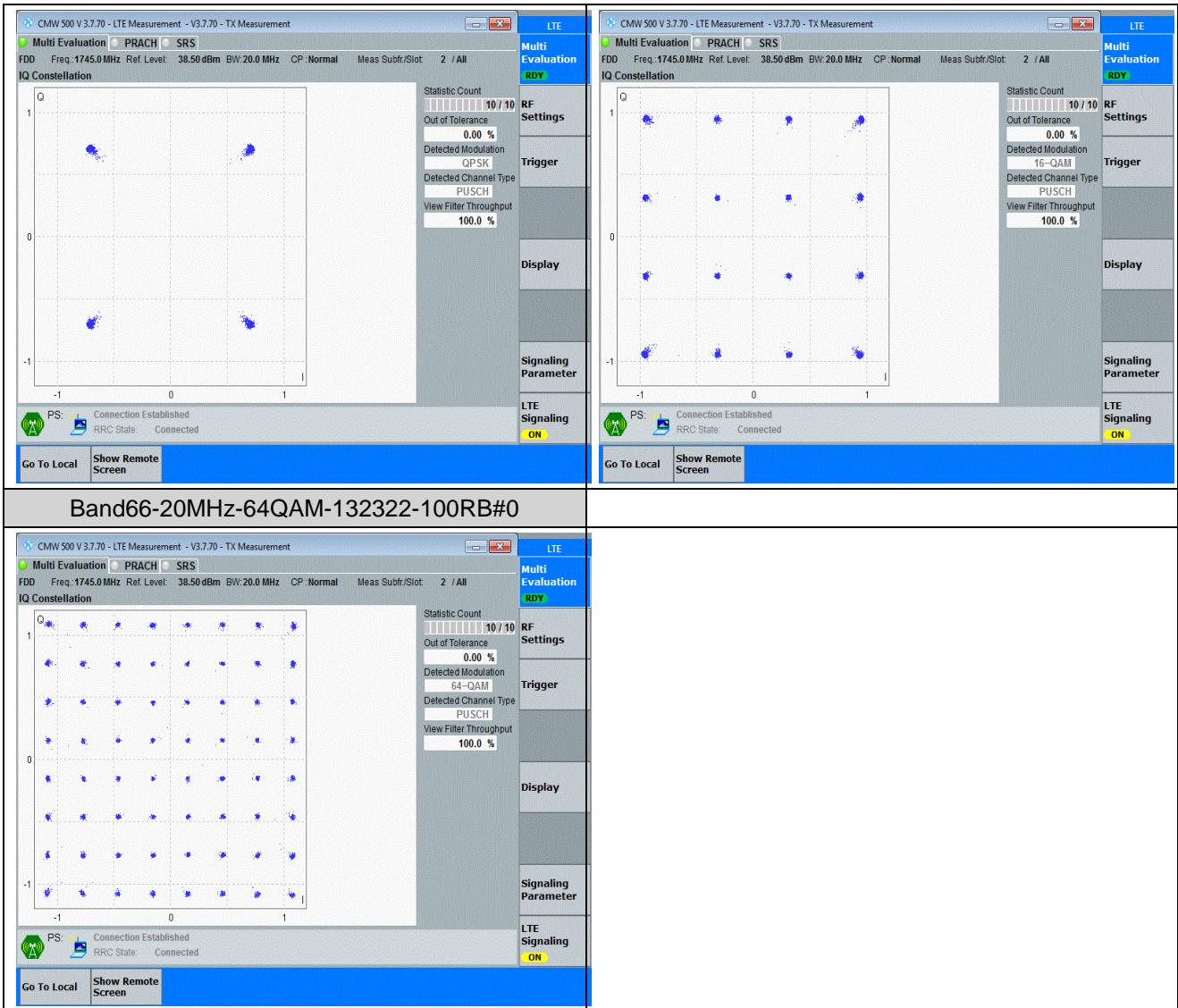
Band41-20MHz-16QAM-40620-100RB#0

Band41-20MHz-64QAM-40620-100RB#0



Band66-20MHz-QPSK-132322-100RB#0

Band66-20MHz-16QAM-132322-100RB#0



Antenna 2 (LTE Band 7 & Band 41 TX ANT in ENDC mode)

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	20.47	17.97	33.01	PASS
Band7	5MHz	QPSK	20775	1RB#12	20.46	17.96	33.01	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.43	17.93	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.31	16.81	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#6	19.29	16.79	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#11	19.29	16.79	33.01	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.36	16.86	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	20.45	17.95	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#12	20.43	17.93	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#24	20.44	17.94	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#0	19.32	16.82	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#6	19.27	16.77	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#11	19.33	16.83	33.01	PASS
Band7	5MHz	QPSK	21100	25RB#0	19.28	16.78	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#0	20.43	17.93	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#12	20.48	17.98	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#24	20.51	18.01	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.40	16.9	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.39	16.89	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#11	19.43	16.93	33.01	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.40	16.9	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#0	19.54	17.04	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#12	19.58	17.08	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.58	17.08	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#0	18.36	15.86	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#6	18.35	15.85	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#11	18.36	15.86	33.01	PASS
Band7	5MHz	16QAM	20775	25RB#0	18.35	15.85	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#0	19.28	16.78	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#12	19.28	16.78	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.26	16.76	33.01	PASS
Band7	5MHz	16QAM	21100	12RB#0	18.36	15.86	33.01	PASS
Band7	5MHz	16QAM	21100	12RB#6	18.32	15.82	33.01	PASS

Band7	5MHz	16QAM	21100	12RB#11	18.34	15.84	33.01	PASS
Band7	5MHz	16QAM	21100	25RB#0	18.29	15.79	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#0	19.52	17.02	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#12	19.56	17.06	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#24	19.66	17.16	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#0	18.48	15.98	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#6	18.47	15.97	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#11	18.46	15.96	33.01	PASS
Band7	5MHz	16QAM	21425	25RB#0	18.42	15.92	33.01	PASS
Band7	5MHz	64QAM	20775	1RB#0	18.90	16.4	33.01	PASS
Band7	5MHz	64QAM	20775	1RB#12	18.87	16.37	33.01	PASS
Band7	5MHz	64QAM	20775	1RB#24	18.92	16.42	33.01	PASS
Band7	5MHz	64QAM	20775	12RB#0	17.32	14.82	33.01	PASS
Band7	5MHz	64QAM	20775	12RB#6	17.35	14.85	33.01	PASS
Band7	5MHz	64QAM	20775	12RB#11	17.35	14.85	33.01	PASS
Band7	5MHz	64QAM	20775	25RB#0	17.32	14.82	33.01	PASS
Band7	5MHz	64QAM	21100	1RB#0	18.35	15.85	33.01	PASS
Band7	5MHz	64QAM	21100	1RB#12	18.32	15.82	33.01	PASS
Band7	5MHz	64QAM	21100	1RB#24	18.36	15.86	33.01	PASS
Band7	5MHz	64QAM	21100	12RB#0	17.31	14.81	33.01	PASS
Band7	5MHz	64QAM	21100	12RB#6	17.32	14.82	33.01	PASS
Band7	5MHz	64QAM	21100	12RB#11	17.33	14.83	33.01	PASS
Band7	5MHz	64QAM	21100	25RB#0	17.28	14.78	33.01	PASS
Band7	5MHz	64QAM	21425	1RB#0	18.89	16.39	33.01	PASS
Band7	5MHz	64QAM	21425	1RB#12	18.90	16.4	33.01	PASS
Band7	5MHz	64QAM	21425	1RB#24	18.93	16.43	33.01	PASS
Band7	5MHz	64QAM	21425	12RB#0	17.45	14.95	33.01	PASS
Band7	5MHz	64QAM	21425	12RB#6	17.48	14.98	33.01	PASS
Band7	5MHz	64QAM	21425	12RB#11	17.46	14.96	33.01	PASS
Band7	5MHz	64QAM	21425	25RB#0	17.40	14.9	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#0	20.40	17.9	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#24	20.42	17.92	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.44	17.94	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.37	16.87	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.42	16.92	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#24	19.37	16.87	33.01	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.44	16.94	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#0	20.22	17.72	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#24	20.27	17.77	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#49	20.20	17.7	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#0	19.37	16.87	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#12	19.34	16.84	33.01	PASS

Band7	10MHz	QPSK	21100	25RB#24	19.36	16.86	33.01	PASS
Band7	10MHz	QPSK	21100	50RB#0	19.32	16.82	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#0	20.19	17.69	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#24	20.26	17.76	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.28	17.78	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#0	19.40	16.9	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#12	19.39	16.89	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#24	19.37	16.87	33.01	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.43	16.93	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#0	19.60	17.1	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#24	19.62	17.12	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#49	19.63	17.13	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#0	18.39	15.89	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#12	18.39	15.89	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#24	18.35	15.85	33.01	PASS
Band7	10MHz	16QAM	20800	50RB#0	18.40	15.9	33.01	PASS
Band7	10MHz	16QAM	21100	1RB#0	19.46	16.96	33.01	PASS
Band7	10MHz	16QAM	21100	1RB#24	19.49	16.99	33.01	PASS
Band7	10MHz	16QAM	21100	1RB#49	19.44	16.94	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#0	18.41	15.91	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#12	18.41	15.91	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#24	18.37	15.87	33.01	PASS
Band7	10MHz	16QAM	21100	50RB#0	18.34	15.84	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#0	19.21	16.71	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#24	19.30	16.8	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#49	19.33	16.83	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#0	18.51	16.01	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#12	18.50	16	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#24	18.48	15.98	33.01	PASS
Band7	10MHz	16QAM	21400	50RB#0	18.44	15.94	33.01	PASS
Band7	10MHz	64QAM	20800	1RB#0	18.43	15.93	33.01	PASS
Band7	10MHz	64QAM	20800	1RB#24	18.42	15.92	33.01	PASS
Band7	10MHz	64QAM	20800	1RB#49	18.38	15.88	33.01	PASS
Band7	10MHz	64QAM	20800	25RB#0	17.35	14.85	33.01	PASS
Band7	10MHz	64QAM	20800	25RB#12	17.36	14.86	33.01	PASS
Band7	10MHz	64QAM	20800	25RB#24	17.35	14.85	33.01	PASS
Band7	10MHz	64QAM	20800	50RB#0	17.36	14.86	33.01	PASS
Band7	10MHz	64QAM	21100	1RB#0	18.36	15.86	33.01	PASS
Band7	10MHz	64QAM	21100	1RB#24	18.39	15.89	33.01	PASS
Band7	10MHz	64QAM	21100	1RB#49	18.33	15.83	33.01	PASS
Band7	10MHz	64QAM	21100	25RB#0	17.28	14.78	33.01	PASS
Band7	10MHz	64QAM	21100	25RB#12	17.31	14.81	33.01	PASS

Band7	10MHz	64QAM	21100	25RB#24	17.30	14.8	33.01	PASS
Band7	10MHz	64QAM	21100	50RB#0	17.32	14.82	33.01	PASS
Band7	10MHz	64QAM	21400	1RB#0	18.66	16.16	33.01	PASS
Band7	10MHz	64QAM	21400	1RB#24	18.74	16.24	33.01	PASS
Band7	10MHz	64QAM	21400	1RB#49	18.79	16.29	33.01	PASS
Band7	10MHz	64QAM	21400	25RB#0	17.39	14.89	33.01	PASS
Band7	10MHz	64QAM	21400	25RB#12	17.40	14.9	33.01	PASS
Band7	10MHz	64QAM	21400	25RB#24	17.40	14.9	33.01	PASS
Band7	10MHz	64QAM	21400	50RB#0	17.38	14.88	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.36	17.86	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#37	20.46	17.96	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.32	17.82	33.01	PASS
Band7	15MHz	QPSK	20825	36RB#0	19.33	16.83	33.01	PASS
Band7	15MHz	QPSK	20825	36RB#16	19.29	16.79	33.01	PASS
Band7	15MHz	QPSK	20825	36RB#35	19.34	16.84	33.01	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.34	16.84	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#0	20.21	17.71	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#37	20.28	17.78	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#74	20.18	17.68	33.01	PASS
Band7	15MHz	QPSK	21100	36RB#0	19.34	16.84	33.01	PASS
Band7	15MHz	QPSK	21100	36RB#16	19.29	16.79	33.01	PASS
Band7	15MHz	QPSK	21100	36RB#35	19.30	16.8	33.01	PASS
Band7	15MHz	QPSK	21100	75RB#0	19.32	16.82	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#0	20.12	17.62	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#37	20.23	17.73	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.21	17.71	33.01	PASS
Band7	15MHz	QPSK	21375	36RB#0	19.32	16.82	33.01	PASS
Band7	15MHz	QPSK	21375	36RB#16	19.31	16.81	33.01	PASS
Band7	15MHz	QPSK	21375	36RB#35	19.29	16.79	33.01	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.36	16.86	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#0	19.54	17.04	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#37	19.62	17.12	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#74	19.46	16.96	33.01	PASS
Band7	15MHz	16QAM	20825	36RB#0	18.32	15.82	33.01	PASS
Band7	15MHz	16QAM	20825	36RB#16	18.35	15.85	33.01	PASS
Band7	15MHz	16QAM	20825	36RB#35	18.31	15.81	33.01	PASS
Band7	15MHz	16QAM	20825	75RB#0	18.33	15.83	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#0	19.55	17.05	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#37	19.62	17.12	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#74	19.50	17	33.01	PASS
Band7	15MHz	16QAM	21100	36RB#0	18.42	15.92	33.01	PASS
Band7	15MHz	16QAM	21100	36RB#16	18.38	15.88	33.01	PASS

Band7	15MHz	16QAM	21100	36RB#35	18.41	15.91	33.01	PASS
Band7	15MHz	16QAM	21100	75RB#0	18.32	15.82	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#0	19.11	16.61	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#37	19.27	16.77	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#74	19.27	16.77	33.01	PASS
Band7	15MHz	16QAM	21375	36RB#0	18.30	15.8	33.01	PASS
Band7	15MHz	16QAM	21375	36RB#16	18.30	15.8	33.01	PASS
Band7	15MHz	16QAM	21375	36RB#35	18.32	15.82	33.01	PASS
Band7	15MHz	16QAM	21375	75RB#0	18.37	15.87	33.01	PASS
Band7	15MHz	64QAM	20825	1RB#0	18.39	15.89	33.01	PASS
Band7	15MHz	64QAM	20825	1RB#37	18.45	15.95	33.01	PASS
Band7	15MHz	64QAM	20825	1RB#74	18.25	15.75	33.01	PASS
Band7	15MHz	64QAM	20825	36RB#0	17.37	14.87	33.01	PASS
Band7	15MHz	64QAM	20825	36RB#16	17.36	14.86	33.01	PASS
Band7	15MHz	64QAM	20825	36RB#35	17.40	14.9	33.01	PASS
Band7	15MHz	64QAM	20825	75RB#0	17.31	14.81	33.01	PASS
Band7	15MHz	64QAM	21100	1RB#0	18.45	15.95	33.01	PASS
Band7	15MHz	64QAM	21100	1RB#37	18.47	15.97	33.01	PASS
Band7	15MHz	64QAM	21100	1RB#74	18.42	15.92	33.01	PASS
Band7	15MHz	64QAM	21100	36RB#0	17.33	14.83	33.01	PASS
Band7	15MHz	64QAM	21100	36RB#16	17.33	14.83	33.01	PASS
Band7	15MHz	64QAM	21100	36RB#35	17.33	14.83	33.01	PASS
Band7	15MHz	64QAM	21100	75RB#0	17.31	14.81	33.01	PASS
Band7	15MHz	64QAM	21375	1RB#0	18.53	16.03	33.01	PASS
Band7	15MHz	64QAM	21375	1RB#37	18.74	16.24	33.01	PASS
Band7	15MHz	64QAM	21375	1RB#74	18.73	16.23	33.01	PASS
Band7	15MHz	64QAM	21375	36RB#0	17.29	14.79	33.01	PASS
Band7	15MHz	64QAM	21375	36RB#16	17.31	14.81	33.01	PASS
Band7	15MHz	64QAM	21375	36RB#35	17.30	14.8	33.01	PASS
Band7	15MHz	64QAM	21375	75RB#0	17.33	14.83	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#0	20.44	17.94	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.56	18.06	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#99	20.50	18	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.42	16.92	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#24	19.43	16.93	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#49	19.36	16.86	33.01	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.32	16.82	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#0	20.16	17.66	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#49	20.31	17.81	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#99	20.25	17.75	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#0	19.33	16.83	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#24	19.29	16.79	33.01	PASS

Band7	20MHz	QPSK	21100	50RB#49	19.31	16.81	33.01	PASS
Band7	20MHz	QPSK	21100	100RB#0	19.35	16.85	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#0	20.04	17.54	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.18	17.68	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.20	17.7	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#0	19.43	16.93	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#24	19.40	16.9	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#49	19.40	16.9	33.01	PASS
Band7	20MHz	QPSK	21350	100RB#0	19.38	16.88	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	19.37	16.87	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#49	19.52	17.02	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#99	19.41	16.91	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.40	15.9	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#24	18.39	15.89	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#49	18.35	15.85	33.01	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.35	15.85	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#0	19.46	16.96	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#49	19.63	17.13	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#99	19.54	17.04	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#0	18.28	15.78	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#24	18.31	15.81	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#49	18.32	15.82	33.01	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.31	15.81	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#0	19.22	16.72	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#49	19.43	16.93	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#99	19.45	16.95	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#0	18.46	15.96	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#24	18.47	15.97	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#49	18.45	15.95	33.01	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.40	15.9	33.01	PASS
Band7	20MHz	64QAM	20850	1RB#0	18.61	16.11	33.01	PASS
Band7	20MHz	64QAM	20850	1RB#49	18.77	16.27	33.01	PASS
Band7	20MHz	64QAM	20850	1RB#99	18.67	16.17	33.01	PASS
Band7	20MHz	64QAM	20850	50RB#0	17.36	14.86	33.01	PASS
Band7	20MHz	64QAM	20850	50RB#24	17.35	14.85	33.01	PASS
Band7	20MHz	64QAM	20850	50RB#49	17.37	14.87	33.01	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.27	14.77	33.01	PASS
Band7	20MHz	64QAM	21100	1RB#0	18.50	16	33.01	PASS
Band7	20MHz	64QAM	21100	1RB#49	18.62	16.12	33.01	PASS
Band7	20MHz	64QAM	21100	1RB#99	18.53	16.03	33.01	PASS
Band7	20MHz	64QAM	21100	50RB#0	17.29	14.79	33.01	PASS
Band7	20MHz	64QAM	21100	50RB#24	17.30	14.8	33.01	PASS

Band7	20MHz	64QAM	21100	50RB#49	17.30	14.8	33.01	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.34	14.84	33.01	PASS
Band7	20MHz	64QAM	21350	1RB#0	18.14	15.64	33.01	PASS
Band7	20MHz	64QAM	21350	1RB#49	18.34	15.84	33.01	PASS
Band7	20MHz	64QAM	21350	1RB#99	18.34	15.84	33.01	PASS
Band7	20MHz	64QAM	21350	50RB#0	17.41	14.91	33.01	PASS
Band7	20MHz	64QAM	21350	50RB#24	17.40	14.9	33.01	PASS
Band7	20MHz	64QAM	21350	50RB#49	17.39	14.89	33.01	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.36	14.86	33.01	PASS
Band41	5MHz	QPSK	39675	1RB#0	19.26	16.76	33.01	PASS
Band41	5MHz	QPSK	39675	1RB#12	20.22	17.72	33.01	PASS
Band41	5MHz	QPSK	39675	1RB#24	20.25	17.75	33.01	PASS
Band41	5MHz	QPSK	39675	12RB#0	19.22	16.72	33.01	PASS
Band41	5MHz	QPSK	39675	12RB#6	19.25	16.75	33.01	PASS
Band41	5MHz	QPSK	39675	12RB#11	19.24	16.74	33.01	PASS
Band41	5MHz	QPSK	39675	25RB#0	19.23	16.73	33.01	PASS
Band41	5MHz	QPSK	40620	1RB#0	20.43	17.93	33.01	PASS
Band41	5MHz	QPSK	40620	1RB#12	20.42	17.92	33.01	PASS
Band41	5MHz	QPSK	40620	1RB#24	20.42	17.92	33.01	PASS
Band41	5MHz	QPSK	40620	12RB#0	19.27	16.77	33.01	PASS
Band41	5MHz	QPSK	40620	12RB#6	19.28	16.78	33.01	PASS
Band41	5MHz	QPSK	40620	12RB#11	19.25	16.75	33.01	PASS
Band41	5MHz	QPSK	40620	25RB#0	19.26	16.76	33.01	PASS
Band41	5MHz	QPSK	41565	1RB#0	20.32	17.82	33.01	PASS
Band41	5MHz	QPSK	41565	1RB#12	20.33	17.83	33.01	PASS
Band41	5MHz	QPSK	41565	1RB#24	20.30	17.8	33.01	PASS
Band41	5MHz	QPSK	41565	12RB#0	19.34	16.84	33.01	PASS
Band41	5MHz	QPSK	41565	12RB#6	19.32	16.82	33.01	PASS
Band41	5MHz	QPSK	41565	12RB#11	19.32	16.82	33.01	PASS
Band41	5MHz	QPSK	41565	25RB#0	19.34	16.84	33.01	PASS
Band41	5MHz	16QAM	39675	1RB#0	19.40	16.9	33.01	PASS
Band41	5MHz	16QAM	39675	1RB#12	19.40	16.9	33.01	PASS
Band41	5MHz	16QAM	39675	1RB#24	19.41	16.91	33.01	PASS
Band41	5MHz	16QAM	39675	12RB#0	18.18	15.68	33.01	PASS
Band41	5MHz	16QAM	39675	12RB#6	18.17	15.67	33.01	PASS
Band41	5MHz	16QAM	39675	12RB#11	18.20	15.7	33.01	PASS
Band41	5MHz	16QAM	39675	25RB#0	18.21	15.71	33.01	PASS
Band41	5MHz	16QAM	40620	1RB#0	19.66	17.16	33.01	PASS
Band41	5MHz	16QAM	40620	1RB#12	19.64	17.14	33.01	PASS
Band41	5MHz	16QAM	40620	1RB#24	19.61	17.11	33.01	PASS
Band41	5MHz	16QAM	40620	12RB#0	18.24	15.74	33.01	PASS
Band41	5MHz	16QAM	40620	12RB#6	18.24	15.74	33.01	PASS

Band41	5MHz	16QAM	40620	12RB#11	18.23	15.73	33.01	PASS
Band41	5MHz	16QAM	40620	25RB#0	18.25	15.75	33.01	PASS
Band41	5MHz	16QAM	41565	1RB#0	19.61	17.11	33.01	PASS
Band41	5MHz	16QAM	41565	1RB#12	19.59	17.09	33.01	PASS
Band41	5MHz	16QAM	41565	1RB#24	19.59	17.09	33.01	PASS
Band41	5MHz	16QAM	41565	12RB#0	18.38	15.88	33.01	PASS
Band41	5MHz	16QAM	41565	12RB#6	18.37	15.87	33.01	PASS
Band41	5MHz	16QAM	41565	12RB#11	18.36	15.86	33.01	PASS
Band41	5MHz	16QAM	41565	25RB#0	18.34	15.84	33.01	PASS
Band41	5MHz	64QAM	39675	1RB#0	18.41	15.91	33.01	PASS
Band41	5MHz	64QAM	39675	1RB#12	18.38	15.88	33.01	PASS
Band41	5MHz	64QAM	39675	1RB#24	18.42	15.92	33.01	PASS
Band41	5MHz	64QAM	39675	12RB#0	17.17	14.67	33.01	PASS
Band41	5MHz	64QAM	39675	12RB#6	17.12	14.62	33.01	PASS
Band41	5MHz	64QAM	39675	12RB#11	17.17	14.67	33.01	PASS
Band41	5MHz	64QAM	39675	25RB#0	17.20	14.7	33.01	PASS
Band41	5MHz	64QAM	40620	1RB#0	18.68	16.18	33.01	PASS
Band41	5MHz	64QAM	40620	1RB#12	18.66	16.16	33.01	PASS
Band41	5MHz	64QAM	40620	1RB#24	18.68	16.18	33.01	PASS
Band41	5MHz	64QAM	40620	12RB#0	17.21	14.71	33.01	PASS
Band41	5MHz	64QAM	40620	12RB#6	17.21	14.71	33.01	PASS
Band41	5MHz	64QAM	40620	12RB#11	17.20	14.7	33.01	PASS
Band41	5MHz	64QAM	40620	25RB#0	17.25	14.75	33.01	PASS
Band41	5MHz	64QAM	41565	1RB#0	18.88	16.38	33.01	PASS
Band41	5MHz	64QAM	41565	1RB#12	18.88	16.38	33.01	PASS
Band41	5MHz	64QAM	41565	1RB#24	18.88	16.38	33.01	PASS
Band41	5MHz	64QAM	41565	12RB#0	17.40	14.9	33.01	PASS
Band41	5MHz	64QAM	41565	12RB#6	17.40	14.9	33.01	PASS
Band41	5MHz	64QAM	41565	12RB#11	17.41	14.91	33.01	PASS
Band41	5MHz	64QAM	41565	25RB#0	17.30	14.8	33.01	PASS
Band41	10MHz	QPSK	39700	1RB#0	20.21	17.71	33.01	PASS
Band41	10MHz	QPSK	39700	1RB#24	20.25	17.75	33.01	PASS
Band41	10MHz	QPSK	39700	1RB#49	20.28	17.78	33.01	PASS
Band41	10MHz	QPSK	39700	25RB#0	19.19	16.69	33.01	PASS
Band41	10MHz	QPSK	39700	25RB#12	19.17	16.67	33.01	PASS
Band41	10MHz	QPSK	39700	25RB#24	19.18	16.68	33.01	PASS
Band41	10MHz	QPSK	39700	50RB#0	19.22	16.72	33.01	PASS
Band41	10MHz	QPSK	40620	1RB#0	20.22	17.72	33.01	PASS
Band41	10MHz	QPSK	40620	1RB#24	20.31	17.81	33.01	PASS
Band41	10MHz	QPSK	40620	1RB#49	20.22	17.72	33.01	PASS
Band41	10MHz	QPSK	40620	25RB#0	19.26	16.76	33.01	PASS
Band41	10MHz	QPSK	40620	25RB#12	19.25	16.75	33.01	PASS

Band41	10MHz	QPSK	40620	25RB#24	19.23	16.73	33.01	PASS
Band41	10MHz	QPSK	40620	50RB#0	19.24	16.74	33.01	PASS
Band41	10MHz	QPSK	41540	1RB#0	20.29	17.79	33.01	PASS
Band41	10MHz	QPSK	41540	1RB#24	20.35	17.85	33.01	PASS
Band41	10MHz	QPSK	41540	1RB#49	20.32	17.82	33.01	PASS
Band41	10MHz	QPSK	41540	25RB#0	19.32	16.82	33.01	PASS
Band41	10MHz	QPSK	41540	25RB#12	19.32	16.82	33.01	PASS
Band41	10MHz	QPSK	41540	25RB#24	19.32	16.82	33.01	PASS
Band41	10MHz	QPSK	41540	50RB#0	19.38	16.88	33.01	PASS
Band41	10MHz	16QAM	39700	1RB#0	19.55	17.05	33.01	PASS
Band41	10MHz	16QAM	39700	1RB#24	19.55	17.05	33.01	PASS
Band41	10MHz	16QAM	39700	1RB#49	19.59	17.09	33.01	PASS
Band41	10MHz	16QAM	39700	25RB#0	18.26	15.76	33.01	PASS
Band41	10MHz	16QAM	39700	25RB#12	18.23	15.73	33.01	PASS
Band41	10MHz	16QAM	39700	25RB#24	18.27	15.77	33.01	PASS
Band41	10MHz	16QAM	39700	50RB#0	18.19	15.69	33.01	PASS
Band41	10MHz	16QAM	40620	1RB#0	19.56	17.06	33.01	PASS
Band41	10MHz	16QAM	40620	1RB#24	19.63	17.13	33.01	PASS
Band41	10MHz	16QAM	40620	1RB#49	19.57	17.07	33.01	PASS
Band41	10MHz	16QAM	40620	25RB#0	18.29	15.79	33.01	PASS
Band41	10MHz	16QAM	40620	25RB#12	18.29	15.79	33.01	PASS
Band41	10MHz	16QAM	40620	25RB#24	18.31	15.81	33.01	PASS
Band41	10MHz	16QAM	40620	50RB#0	18.19	15.69	33.01	PASS
Band41	10MHz	16QAM	41540	1RB#0	19.25	16.75	33.01	PASS
Band41	10MHz	16QAM	41540	1RB#24	19.33	16.83	33.01	PASS
Band41	10MHz	16QAM	41540	1RB#49	19.31	16.81	33.01	PASS
Band41	10MHz	16QAM	41540	25RB#0	18.30	15.8	33.01	PASS
Band41	10MHz	16QAM	41540	25RB#12	18.33	15.83	33.01	PASS
Band41	10MHz	16QAM	41540	25RB#24	18.32	15.82	33.01	PASS
Band41	10MHz	16QAM	41540	50RB#0	18.37	15.87	33.01	PASS
Band41	10MHz	64QAM	39700	1RB#0	18.52	16.02	33.01	PASS
Band41	10MHz	64QAM	39700	1RB#24	18.63	16.13	33.01	PASS
Band41	10MHz	64QAM	39700	1RB#49	18.63	16.13	33.01	PASS
Band41	10MHz	64QAM	39700	25RB#0	17.14	14.64	33.01	PASS
Band41	10MHz	64QAM	39700	25RB#12	17.15	14.65	33.01	PASS
Band41	10MHz	64QAM	39700	25RB#24	17.16	14.66	33.01	PASS
Band41	10MHz	64QAM	39700	50RB#0	17.21	14.71	33.01	PASS
Band41	10MHz	64QAM	40620	1RB#0	18.59	16.09	33.01	PASS
Band41	10MHz	64QAM	40620	1RB#24	18.69	16.19	33.01	PASS
Band41	10MHz	64QAM	40620	1RB#49	18.59	16.09	33.01	PASS
Band41	10MHz	64QAM	40620	25RB#0	17.21	14.71	33.01	PASS
Band41	10MHz	64QAM	40620	25RB#12	17.21	14.71	33.01	PASS

Band41	10MHz	64QAM	40620	25RB#24	17.20	14.7	33.01	PASS
Band41	10MHz	64QAM	40620	50RB#0	17.21	14.71	33.01	PASS
Band41	10MHz	64QAM	41540	1RB#0	18.21	15.71	33.01	PASS
Band41	10MHz	64QAM	41540	1RB#24	18.31	15.81	33.01	PASS
Band41	10MHz	64QAM	41540	1RB#49	18.27	15.77	33.01	PASS
Band41	10MHz	64QAM	41540	25RB#0	17.21	14.71	33.01	PASS
Band41	10MHz	64QAM	41540	25RB#12	17.21	14.71	33.01	PASS
Band41	10MHz	64QAM	41540	25RB#24	17.19	14.69	33.01	PASS
Band41	10MHz	64QAM	41540	50RB#0	17.29	14.79	33.01	PASS
Band41	15MHz	QPSK	39725	1RB#0	20.15	17.65	33.01	PASS
Band41	15MHz	QPSK	39725	1RB#37	20.21	17.71	33.01	PASS
Band41	15MHz	QPSK	39725	1RB#74	20.13	17.63	33.01	PASS
Band41	15MHz	QPSK	39725	36RB#0	19.14	16.64	33.01	PASS
Band41	15MHz	QPSK	39725	36RB#16	19.14	16.64	33.01	PASS
Band41	15MHz	QPSK	39725	36RB#35	19.12	16.62	33.01	PASS
Band41	15MHz	QPSK	39725	75RB#0	19.18	16.68	33.01	PASS
Band41	15MHz	QPSK	40620	1RB#0	20.15	17.65	33.01	PASS
Band41	15MHz	QPSK	40620	1RB#37	20.24	17.74	33.01	PASS
Band41	15MHz	QPSK	40620	1RB#74	20.10	17.6	33.01	PASS
Band41	15MHz	QPSK	40620	36RB#0	19.21	16.71	33.01	PASS
Band41	15MHz	QPSK	40620	36RB#16	19.18	16.68	33.01	PASS
Band41	15MHz	QPSK	40620	36RB#35	19.19	16.69	33.01	PASS
Band41	15MHz	QPSK	40620	75RB#0	19.22	16.72	33.01	PASS
Band41	15MHz	QPSK	41515	1RB#0	20.35	17.85	33.01	PASS
Band41	15MHz	QPSK	41515	1RB#37	20.41	17.91	33.01	PASS
Band41	15MHz	QPSK	41515	1RB#74	20.36	17.86	33.01	PASS
Band41	15MHz	QPSK	41515	36RB#0	19.27	16.77	33.01	PASS
Band41	15MHz	QPSK	41515	36RB#16	19.25	16.75	33.01	PASS
Band41	15MHz	QPSK	41515	36RB#35	19.25	16.75	33.01	PASS
Band41	15MHz	QPSK	41515	75RB#0	19.34	16.84	33.01	PASS
Band41	15MHz	16QAM	39725	1RB#0	19.47	16.97	33.01	PASS
Band41	15MHz	16QAM	39725	1RB#37	19.57	17.07	33.01	PASS
Band41	15MHz	16QAM	39725	1RB#74	19.50	17	33.01	PASS
Band41	15MHz	16QAM	39725	36RB#0	18.16	15.66	33.01	PASS
Band41	15MHz	16QAM	39725	36RB#16	18.16	15.66	33.01	PASS
Band41	15MHz	16QAM	39725	36RB#35	18.14	15.64	33.01	PASS
Band41	15MHz	16QAM	39725	75RB#0	18.18	15.68	33.01	PASS
Band41	15MHz	16QAM	40620	1RB#0	19.53	17.03	33.01	PASS
Band41	15MHz	16QAM	40620	1RB#37	19.63	17.13	33.01	PASS
Band41	15MHz	16QAM	40620	1RB#74	19.48	16.98	33.01	PASS
Band41	15MHz	16QAM	40620	36RB#0	18.17	15.67	33.01	PASS
Band41	15MHz	16QAM	40620	36RB#16	18.23	15.73	33.01	PASS

Band41	15MHz	16QAM	40620	36RB#35	18.19	15.69	33.01	PASS
Band41	15MHz	16QAM	40620	75RB#0	18.22	15.72	33.01	PASS
Band41	15MHz	16QAM	41515	1RB#0	19.26	16.76	33.01	PASS
Band41	15MHz	16QAM	41515	1RB#37	19.38	16.88	33.01	PASS
Band41	15MHz	16QAM	41515	1RB#74	19.34	16.84	33.01	PASS
Band41	15MHz	16QAM	41515	36RB#0	18.25	15.75	33.01	PASS
Band41	15MHz	16QAM	41515	36RB#16	18.23	15.73	33.01	PASS
Band41	15MHz	16QAM	41515	36RB#35	18.24	15.74	33.01	PASS
Band41	15MHz	16QAM	41515	75RB#0	18.35	15.85	33.01	PASS
Band41	15MHz	64QAM	39725	1RB#0	18.49	15.99	33.01	PASS
Band41	15MHz	64QAM	39725	1RB#37	18.63	16.13	33.01	PASS
Band41	15MHz	64QAM	39725	1RB#74	18.53	16.03	33.01	PASS
Band41	15MHz	64QAM	39725	36RB#0	17.10	14.6	33.01	PASS
Band41	15MHz	64QAM	39725	36RB#16	17.10	14.6	33.01	PASS
Band41	15MHz	64QAM	39725	36RB#35	17.10	14.6	33.01	PASS
Band41	15MHz	64QAM	39725	75RB#0	17.18	14.68	33.01	PASS
Band41	15MHz	64QAM	40620	1RB#0	18.53	16.03	33.01	PASS
Band41	15MHz	64QAM	40620	1RB#37	18.66	16.16	33.01	PASS
Band41	15MHz	64QAM	40620	1RB#74	18.55	16.05	33.01	PASS
Band41	15MHz	64QAM	40620	36RB#0	17.20	14.7	33.01	PASS
Band41	15MHz	64QAM	40620	36RB#16	17.18	14.68	33.01	PASS
Band41	15MHz	64QAM	40620	36RB#35	17.15	14.65	33.01	PASS
Band41	15MHz	64QAM	40620	75RB#0	17.20	14.7	33.01	PASS
Band41	15MHz	64QAM	41515	1RB#0	18.56	16.06	33.01	PASS
Band41	15MHz	64QAM	41515	1RB#37	18.62	16.12	33.01	PASS
Band41	15MHz	64QAM	41515	1RB#74	18.63	16.13	33.01	PASS
Band41	15MHz	64QAM	41515	36RB#0	17.28	14.78	33.01	PASS
Band41	15MHz	64QAM	41515	36RB#16	17.28	14.78	33.01	PASS
Band41	15MHz	64QAM	41515	36RB#35	17.27	14.77	33.01	PASS
Band41	15MHz	64QAM	41515	75RB#0	17.31	14.81	33.01	PASS
Band41	20MHz	QPSK	39750	1RB#0	19.99	17.49	33.01	PASS
Band41	20MHz	QPSK	39750	1RB#49	20.17	17.67	33.01	PASS
Band41	20MHz	QPSK	39750	1RB#99	20.04	17.54	33.01	PASS
Band41	20MHz	QPSK	39750	50RB#0	19.09	16.59	33.01	PASS
Band41	20MHz	QPSK	39750	50RB#24	19.11	16.61	33.01	PASS
Band41	20MHz	QPSK	39750	50RB#49	19.11	16.61	33.01	PASS
Band41	20MHz	QPSK	39750	100RB#0	19.14	16.64	33.01	PASS
Band41	20MHz	QPSK	40620	1RB#0	20.08	17.58	33.01	PASS
Band41	20MHz	QPSK	40620	1RB#49	20.25	17.75	33.01	PASS
Band41	20MHz	QPSK	40620	1RB#99	20.14	17.64	33.01	PASS
Band41	20MHz	QPSK	40620	50RB#0	19.20	16.7	33.01	PASS
Band41	20MHz	QPSK	40620	50RB#24	19.21	16.71	33.01	PASS

Band41	20MHz	QPSK	40620	50RB#49	19.22	16.72	33.01	PASS
Band41	20MHz	QPSK	40620	100RB#0	19.21	16.71	33.01	PASS
Band41	20MHz	QPSK	41490	1RB#0	20.20	17.7	33.01	PASS
Band41	20MHz	QPSK	41490	1RB#49	20.30	17.8	33.01	PASS
Band41	20MHz	QPSK	41490	1RB#99	20.27	17.77	33.01	PASS
Band41	20MHz	QPSK	41490	50RB#0	19.27	16.77	33.01	PASS
Band41	20MHz	QPSK	41490	50RB#24	19.28	16.78	33.01	PASS
Band41	20MHz	QPSK	41490	50RB#49	19.30	16.8	33.01	PASS
Band41	20MHz	QPSK	41490	100RB#0	19.34	16.84	33.01	PASS
Band41	20MHz	16QAM	39750	1RB#0	19.19	16.69	33.01	PASS
Band41	20MHz	16QAM	39750	1RB#49	19.36	16.86	33.01	PASS
Band41	20MHz	16QAM	39750	1RB#99	19.24	16.74	33.01	PASS
Band41	20MHz	16QAM	39750	50RB#0	18.10	15.6	33.01	PASS
Band41	20MHz	16QAM	39750	50RB#24	18.07	15.57	33.01	PASS
Band41	20MHz	16QAM	39750	50RB#49	18.08	15.58	33.01	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.14	15.64	33.01	PASS
Band41	20MHz	16QAM	40620	1RB#0	19.28	16.78	33.01	PASS
Band41	20MHz	16QAM	40620	1RB#49	19.44	16.94	33.01	PASS
Band41	20MHz	16QAM	40620	1RB#99	19.30	16.8	33.01	PASS
Band41	20MHz	16QAM	40620	50RB#0	18.19	15.69	33.01	PASS
Band41	20MHz	16QAM	40620	50RB#24	18.25	15.75	33.01	PASS
Band41	20MHz	16QAM	40620	50RB#49	18.22	15.72	33.01	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.21	15.71	33.01	PASS
Band41	20MHz	16QAM	41490	1RB#0	18.86	16.36	33.01	PASS
Band41	20MHz	16QAM	41490	1RB#49	18.98	16.48	33.01	PASS
Band41	20MHz	16QAM	41490	1RB#99	18.94	16.44	33.01	PASS
Band41	20MHz	16QAM	41490	50RB#0	18.29	15.79	33.01	PASS
Band41	20MHz	16QAM	41490	50RB#24	18.29	15.79	33.01	PASS
Band41	20MHz	16QAM	41490	50RB#49	18.29	15.79	33.01	PASS
Band41	20MHz	16QAM	41490	100RB#0	18.33	15.83	33.01	PASS
Band41	20MHz	64QAM	39750	1RB#0	18.14	15.64	33.01	PASS
Band41	20MHz	64QAM	39750	1RB#49	18.33	15.83	33.01	PASS
Band41	20MHz	64QAM	39750	1RB#99	18.23	15.73	33.01	PASS
Band41	20MHz	64QAM	39750	50RB#0	17.00	14.5	33.01	PASS
Band41	20MHz	64QAM	39750	50RB#24	17.01	14.51	33.01	PASS
Band41	20MHz	64QAM	39750	50RB#49	17.01	14.51	33.01	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.13	14.63	33.01	PASS
Band41	20MHz	64QAM	40620	1RB#0	18.29	15.79	33.01	PASS
Band41	20MHz	64QAM	40620	1RB#49	18.46	15.96	33.01	PASS
Band41	20MHz	64QAM	40620	1RB#99	18.30	15.8	33.01	PASS
Band41	20MHz	64QAM	40620	50RB#0	17.19	14.69	33.01	PASS
Band41	20MHz	64QAM	40620	50RB#24	17.17	14.67	33.01	PASS

Band41	20MHz	64QAM	40620	50RB#49	17.16	14.66	33.01	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.18	14.68	33.01	PASS
Band41	20MHz	64QAM	41490	1RB#0	18.30	15.8	33.01	PASS
Band41	20MHz	64QAM	41490	1RB#49	18.43	15.93	33.01	PASS
Band41	20MHz	64QAM	41490	1RB#99	18.37	15.87	33.01	PASS
Band41	20MHz	64QAM	41490	50RB#0	17.31	14.81	33.01	PASS
Band41	20MHz	64QAM	41490	50RB#24	17.30	14.8	33.01	PASS
Band41	20MHz	64QAM	41490	50RB#49	17.31	14.81	33.01	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.31	14.81	33.01	PASS

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For Band 7 & 41)

ERP (dBm) = EIRP (dBm) - 2.15 (dB).

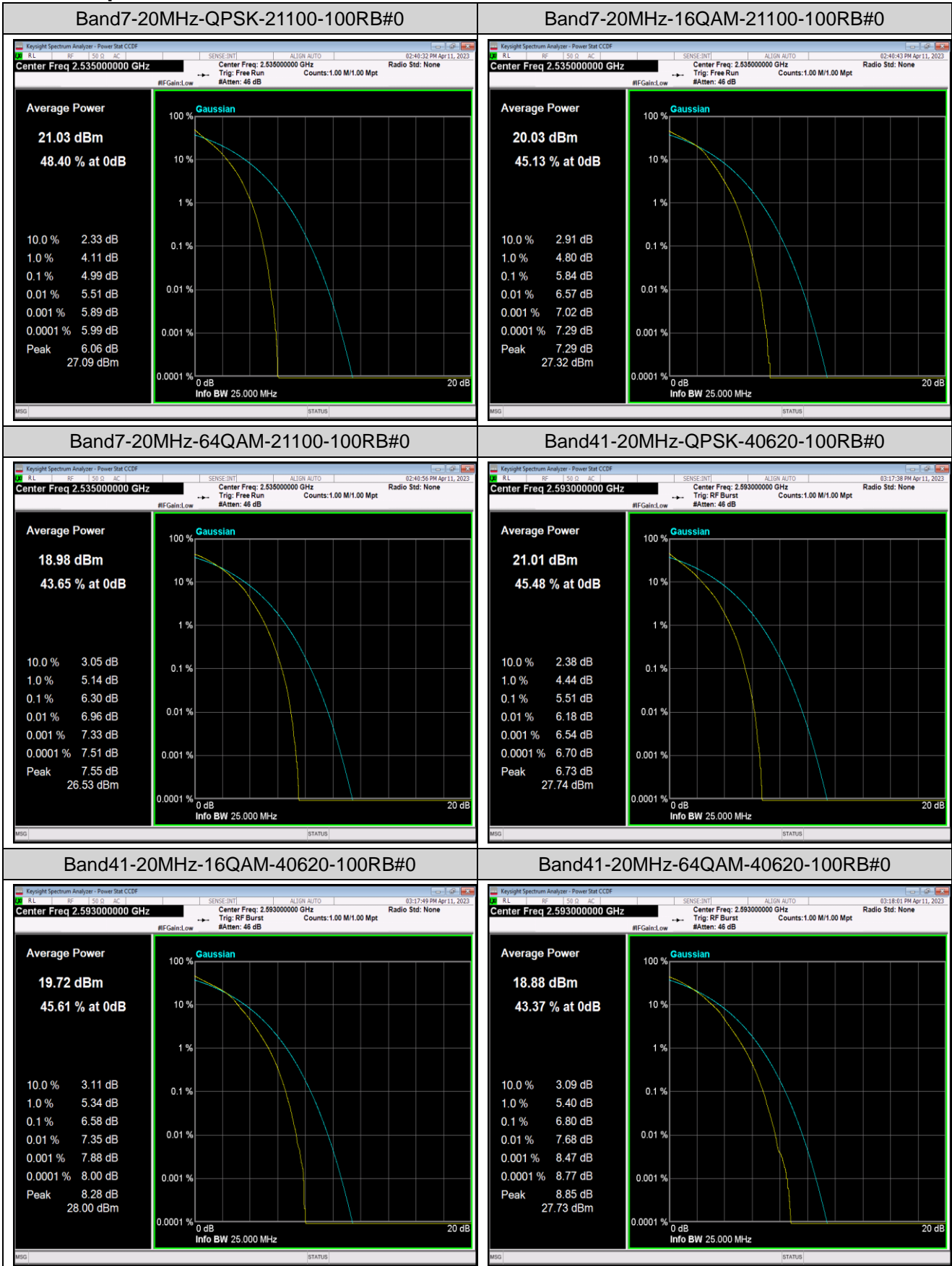
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	4.99	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.84	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.30	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.51	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.58	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	6.80	13	PASS

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

Test Graphs



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5106	4.960	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4945	4.943	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5076	5.010	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4934	4.959	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5088	4.998	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5218	4.982	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.4960	4.965	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.4983	4.964	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.5056	4.984	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9885	9.887	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9866	9.830	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9760	9.801	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9727	9.772	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9820	9.837	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9727	9.787	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9675	9.797	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9976	9.804	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.9625	9.823	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	14.76	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.462	14.68	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.448	14.72	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.479	14.63	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.479	14.66	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.486	14.69	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.453	14.70	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.493	15.82	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.469	14.72	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.956	19.31	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.941	19.58	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.949	19.43	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.966	19.56	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.949	19.49	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.977	19.56	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.953	19.48	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.932	20.05	PASS

Band7	20MHz	64QAM	21350	100RB#0	17.971	19.42	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.4970	5.033	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4980	5.023	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4964	5.105	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4997	5.034	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4981	5.015	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4969	4.991	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.5139	5.223	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.5067	4.985	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.5102	5.004	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9804	9.829	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9888	9.908	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9959	9.820	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9938	9.726	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9747	9.839	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9970	9.732	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9759	9.767	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9800	9.802	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9568	9.745	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.488	14.64	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.479	14.66	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.480	14.77	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.468	14.90	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.474	14.73	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.478	14.88	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.432	14.56	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.455	14.53	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.457	14.59	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.953	19.25	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.978	19.25	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.974	19.36	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.932	19.42	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.923	19.34	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.954	19.31	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.916	19.92	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.909	19.48	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.921	19.80	PASS

Test Graphs

