

LTE Cat NB Appendix-PAR

LTE FDD Band 2, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.28	13	Pass
	MCH	1	0	3.23	13	Pass
	HCH	1	47	3.27	13	Pass
BPSK	LCH	1	0	2.73	13	Pass
	MCH	1	0	2.71	13	Pass
	HCH	1	47	2.69	13	Pass

LTE FDD Band 2, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.16	13	Pass
	MCH	12	0	10.10	13	Pass
	HCH	12	0	9.93	13	Pass
BPSK	LCH	1	0	4.63	13	Pass
	MCH	1	0	4.60	13	Pass
	HCH	1	11	4.65	13	Pass

LTE FDD Band 4, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.31	13	Pass
	MCH	1	0	3.34	13	Pass
	HCH	1	47	3.45	13	Pass
BPSK	LCH	1	0	2.92	13	Pass
	MCH	1	0	2.86	13	Pass
	HCH	1	47	2.95	13	Pass

LTE FDD Band 4, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.50	13	Pass
	MCH	12	0	10.43	13	Pass
	HCH	12	0	10.39	13	Pass
BPSK	LCH	1	0	4.71	13	Pass
	MCH	1	0	4.68	13	Pass
	HCH	1	11	4.71	13	Pass

LTE FDD Band 5, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.10	13	Pass
	MCH	1	0	3.10	13	Pass
	HCH	1	47	3.14	13	Pass
BPSK	LCH	1	0	2.57	13	Pass
	MCH	1	0	2.57	13	Pass
	HCH	1	47	2.62	13	Pass

LTE FDD Band 5, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.03	13	Pass
	MCH	12	0	9.91	13	Pass
	HCH	12	0	10.16	13	Pass
BPSK	LCH	1	0	4.34	13	Pass
	MCH	1	0	4.36	13	Pass
	HCH	1	11	4.46	13	Pass

LTE FDD Band 12, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.22	13	Pass
	MCH	1	0	3.30	13	Pass
	HCH	1	47	3.24	13	Pass
BPSK	LCH	1	0	2.70	13	Pass
	MCH	1	0	2.72	13	Pass
	HCH	1	47	2.76	13	Pass

LTE FDD Band 12, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.39	13	Pass
	MCH	12	0	10.23	13	Pass
	HCH	12	0	10.14	13	Pass
BPSK	LCH	1	0	4.46	13	Pass
	MCH	1	0	4.48	13	Pass
	HCH	1	11	4.52	13	Pass

LTE FDD Band 13, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.12	13	Pass
	MCH	1	0	3.11	13	Pass
	HCH	1	47	3.21	13	Pass
BPSK	LCH	1	0	2.61	13	Pass
	MCH	1	0	2.59	13	Pass
	HCH	1	47	2.65	13	Pass

LTE FDD Band 13, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.24	13	Pass
	MCH	12	0	10.22	13	Pass
	HCH	12	0	10.19	13	Pass
BPSK	LCH	1	0	4.42	13	Pass
	MCH	1	0	4.48	13	Pass
	HCH	1	11	4.53	13	Pass

LTE FDD Band 25, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.39	13	Pass
	MCH	1	0	3.31	13	Pass
	HCH	1	47	3.25	13	Pass
BPSK	LCH	1	0	2.77	13	Pass
	MCH	1	0	2.70	13	Pass
	HCH	1	47	2.68	13	Pass

LTE FDD Band 25, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.88	13	Pass
	MCH	12	0	10.15	13	Pass
	HCH	12	0	9.78	13	Pass
BPSK	LCH	1	0	5.29	13	Pass
	MCH	1	0	4.58	13	Pass
	HCH	1	11	4.67	13	Pass

LTE FDD Band 66, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.36	13	Pass
	MCH	1	0	3.37	13	Pass
	HCH	1	47	3.44	13	Pass
BPSK	LCH	1	0	2.86	13	Pass
	MCH	1	0	2.86	13	Pass
	HCH	1	47	2.93	13	Pass

LTE FDD Band 66, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.07	13	Pass
	MCH	12	0	10.27	13	Pass
	HCH	12	0	10.36	13	Pass
BPSK	LCH	1	0	4.67	13	Pass
	MCH	1	0	4.64	13	Pass
	HCH	1	11	5.92	13	Pass

LTE FDD Band 71, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.31	13	Pass
	MCH	1	0	3.33	13	Pass
	HCH	1	47	3.26	13	Pass
BPSK	LCH	1	0	2.83	13	Pass
	MCH	1	0	2.76	13	Pass
	HCH	1	47	2.77	13	Pass

LTE FDD Band 71, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.71	13	Pass
	MCH	12	0	10.50	13	Pass
	HCH	12	0	10.53	13	Pass
BPSK	LCH	1	0	4.47	13	Pass
	MCH	1	0	4.47	13	Pass
	HCH	1	11	4.55	13	Pass

LTE FDD Band 85, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.20	13	Pass
	MCH	1	0	3.26	13	Pass
	HCH	1	47	3.17	13	Pass
BPSK	LCH	1	0	2.74	13	Pass
	MCH	1	0	2.68	13	Pass
	HCH	1	47	2.71	13	Pass

LTE FDD Band 85, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.42	13	Pass
	MCH	12	0	10.40	13	Pass
	HCH	12	0	10.45	13	Pass
BPSK	LCH	1	0	4.53	13	Pass
	MCH	1	0	4.46	13	Pass
	HCH	1	11	6.14	13	Pass

LTE FDD Band 2, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 2, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



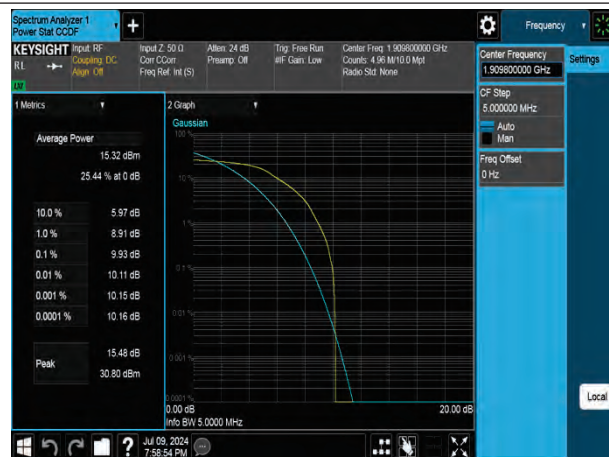
QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 4, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 4, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 5, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 5, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 12, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 12, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 13, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 13, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 25, SCS:3.75KHz

QPSK Low channel-1@0



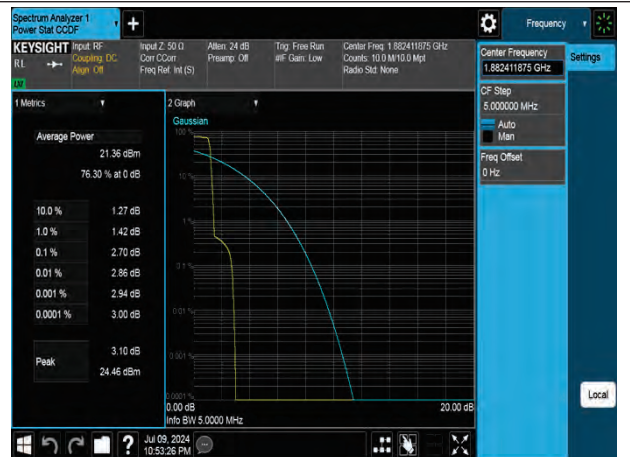
BPSK Low channel-1@0



QPSK Middle channel-1@0



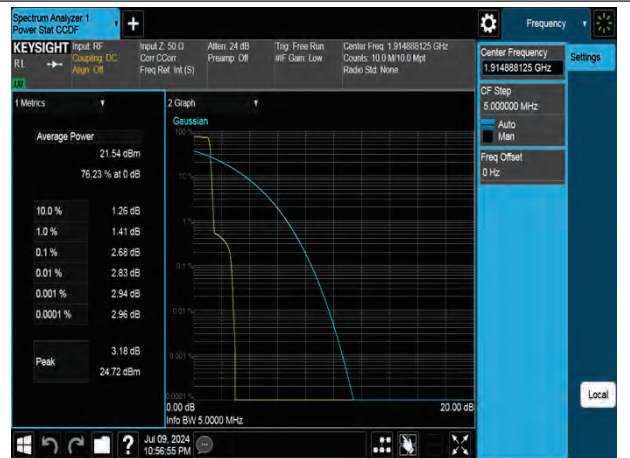
BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 25, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 66, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max

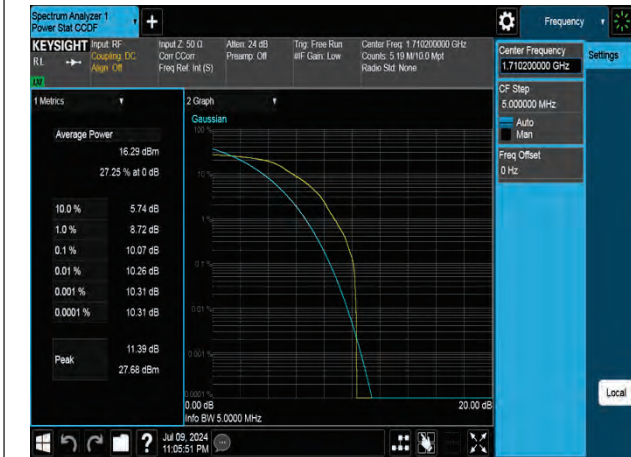


BPSK High channel-1@max



LTE FDD Band 66, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 71, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 71, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max



LTE FDD Band 85, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



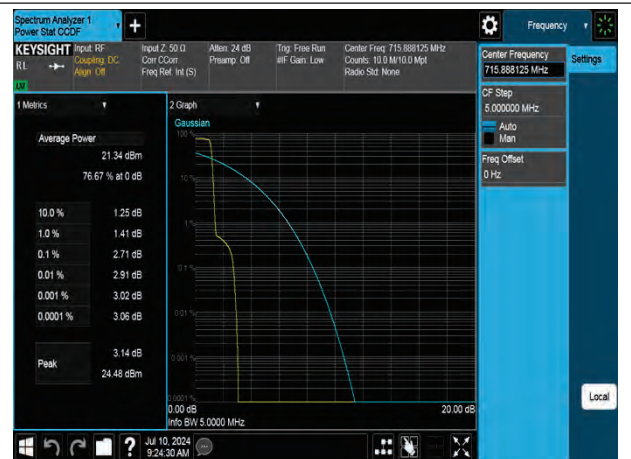
BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max



LTE FDD Band 85, SCS:15KHz

QPSK Low channel-12@0



BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max

