

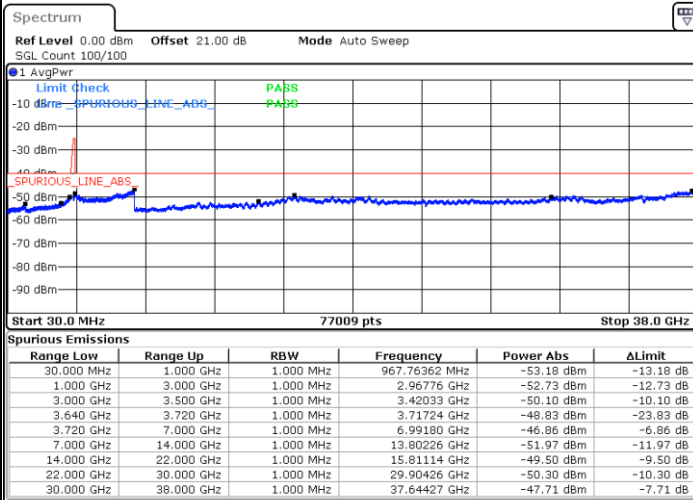


LTE Band 48C / 20MHz+5MHz

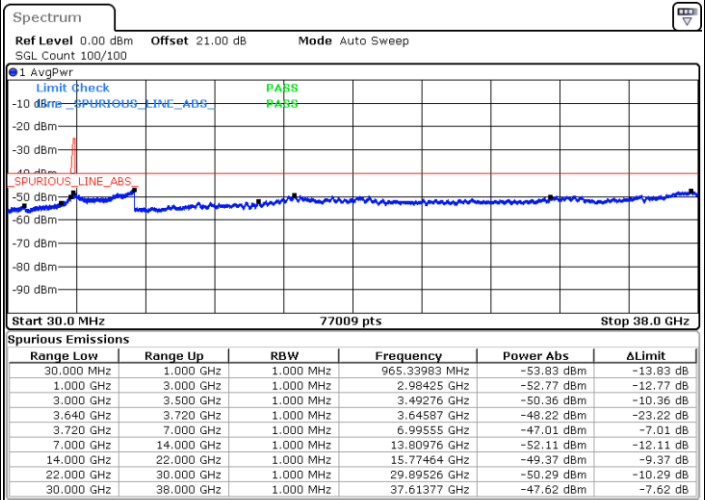
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



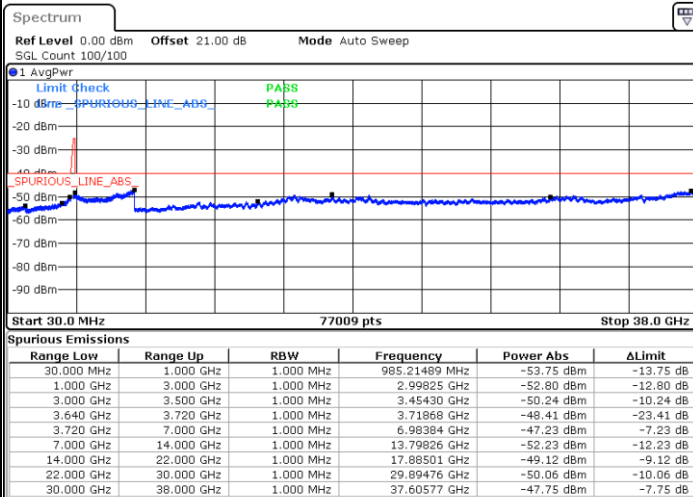
Date: 1.AUG.2020 00:34:53



Date: 1.AUG.2020 00:28:22

Lowest Channel / FullIRB

N/A



Date: 1.AUG.2020 00:36:12

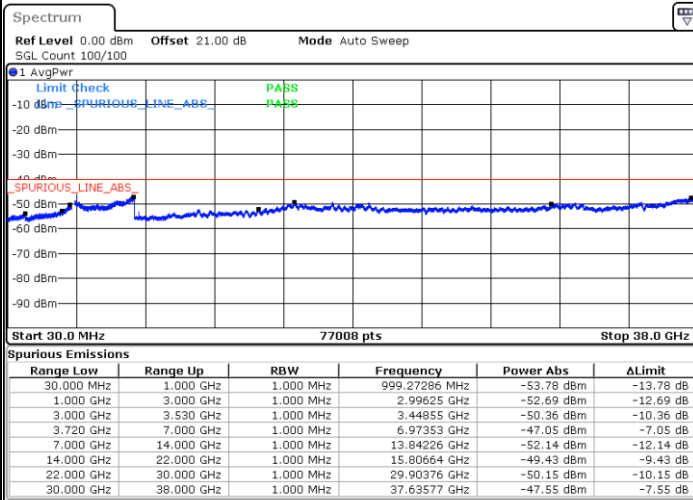


LTE Band 48C / 20MHz+5MHz

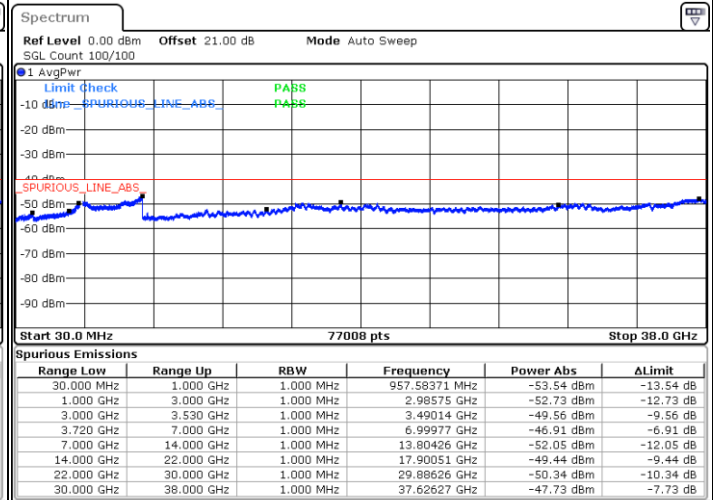
64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



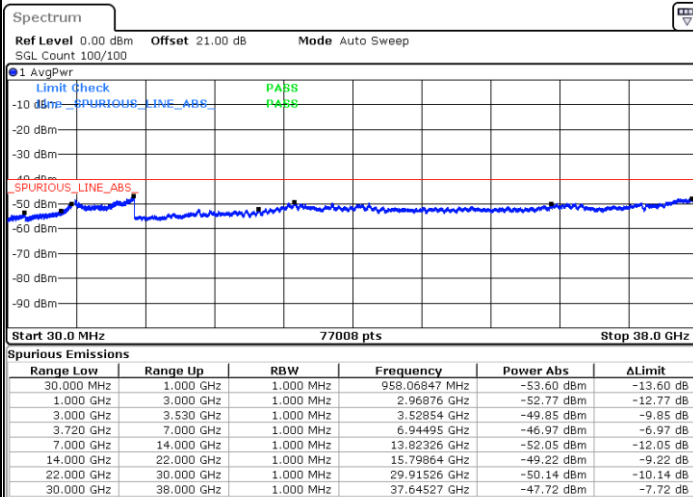
Date: 1.AUG.2020 01:04:31



Date: 1.AUG.2020 01:11:01

Middle Channel / FullIRB

N/A



Date: 1.AUG.2020 01:03:12

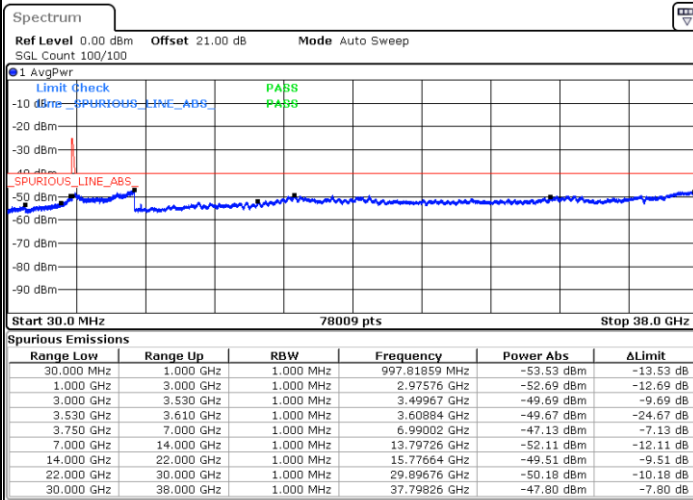


LTE Band 48C / 20MHz+5MHz

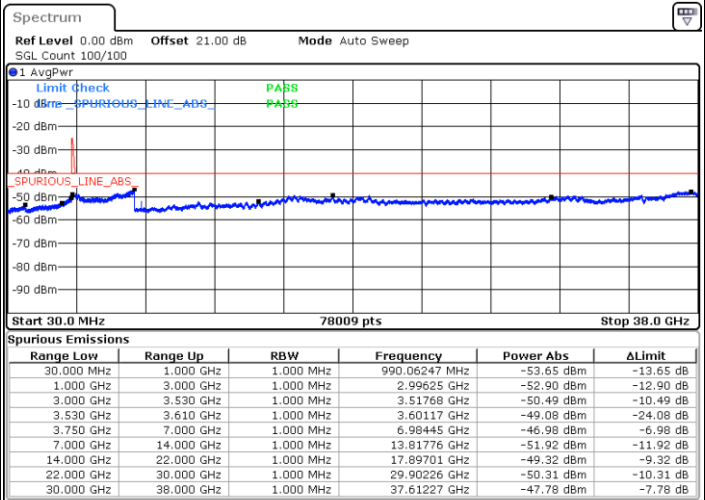
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



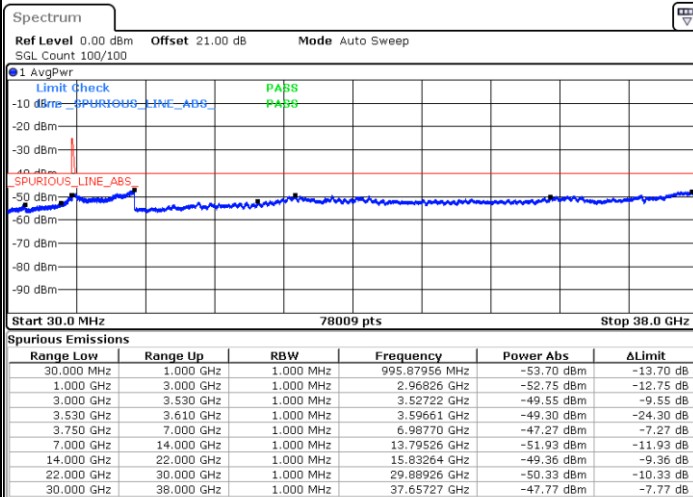
Date: 1 AUG 2020 01:36:02



Date: 1 AUG 2020 01:34:44

Highest Channel / FullIRB

N/A



Date: 1 AUG 2020 01:42:35

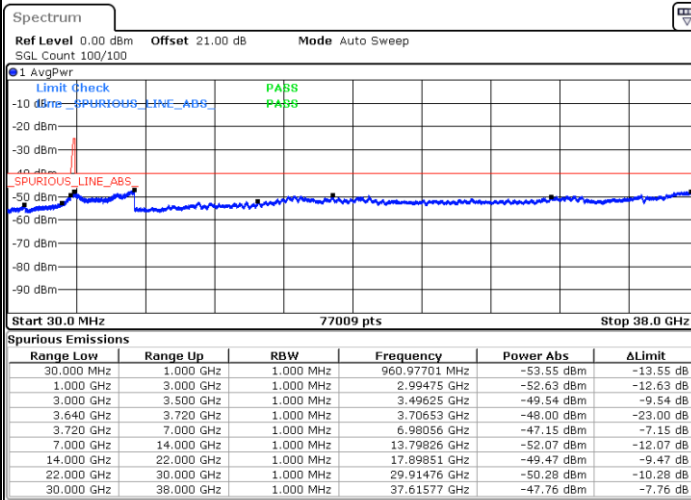


LTE Band 48C / 20MHz+10MHz

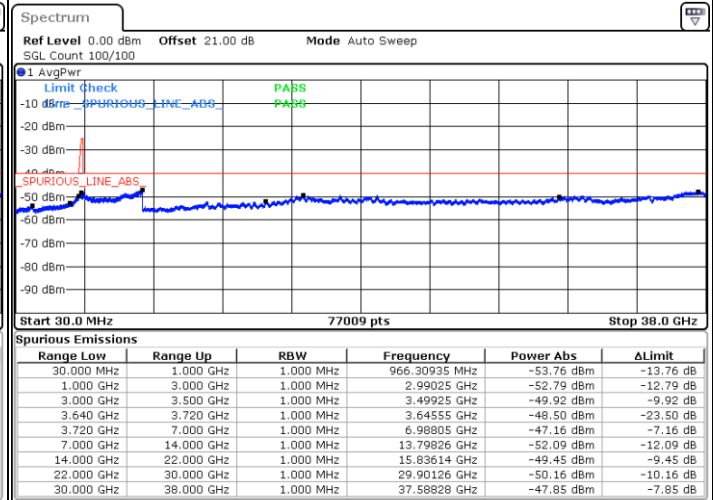
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



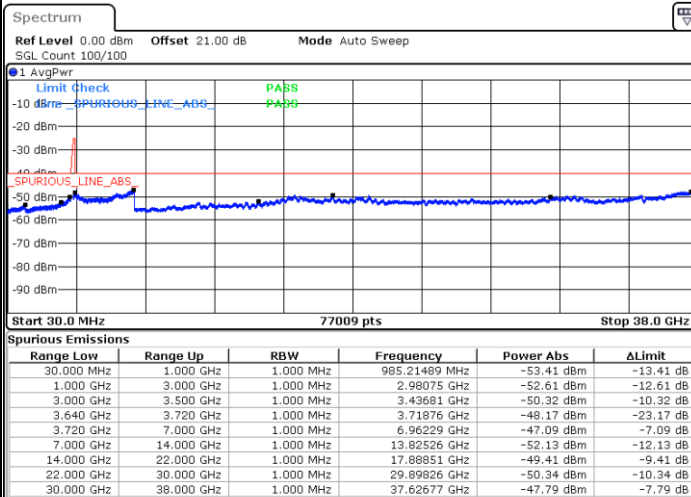
Date: 31.JUL.2020 19:15:22



Date: 31.JUL.2020 19:08:50

Lowest Channel / FullIRB

N/A



Date: 31.JUL.2020 19:16:41

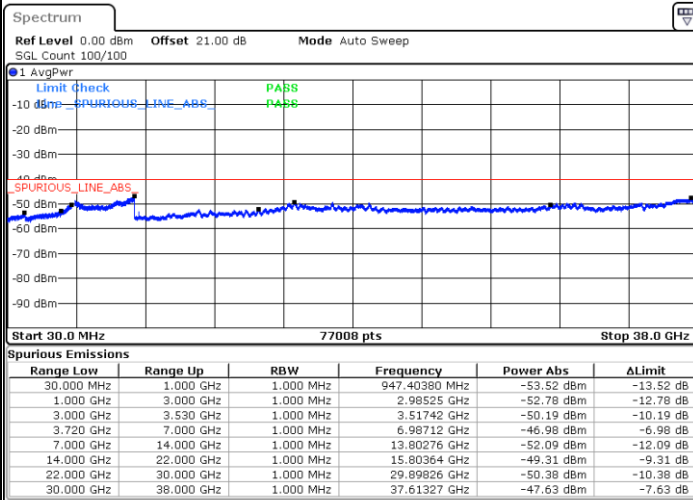


LTE Band 48C / 20MHz+10MHz

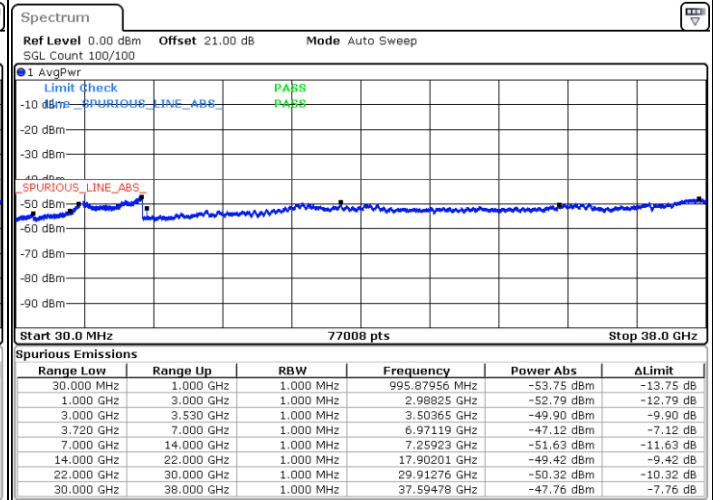
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



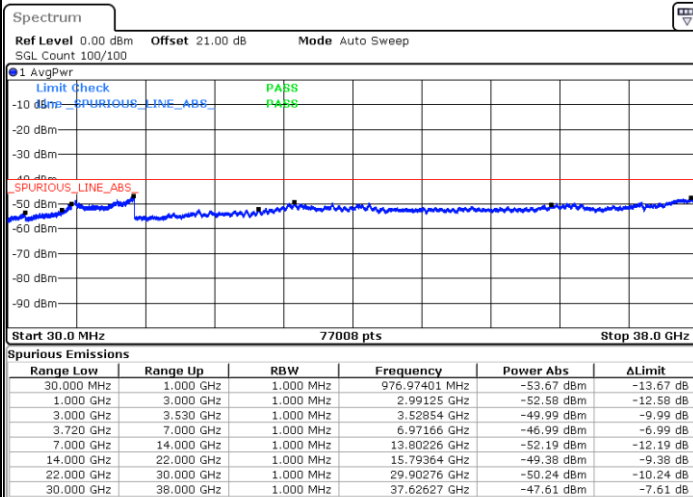
Date: 31.JUL.2020 20:04:08



Date: 31.JUL.2020 20:10:36

Middle Channel / FullIRB

N/A



Date: 31.JUL.2020 20:02:47

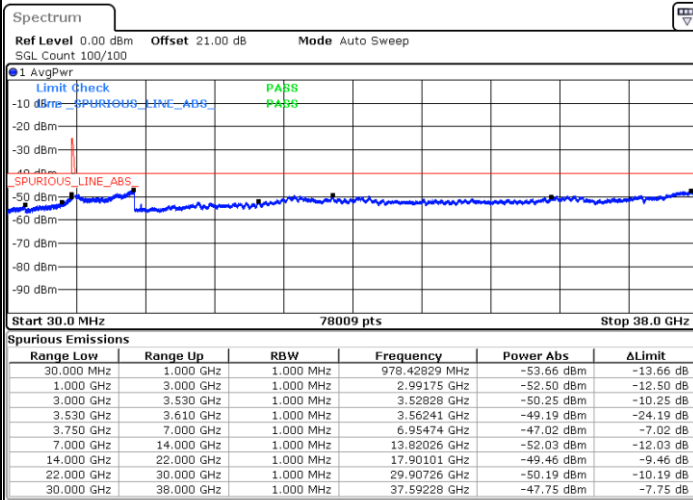


LTE Band 48C / 20MHz+10MHz

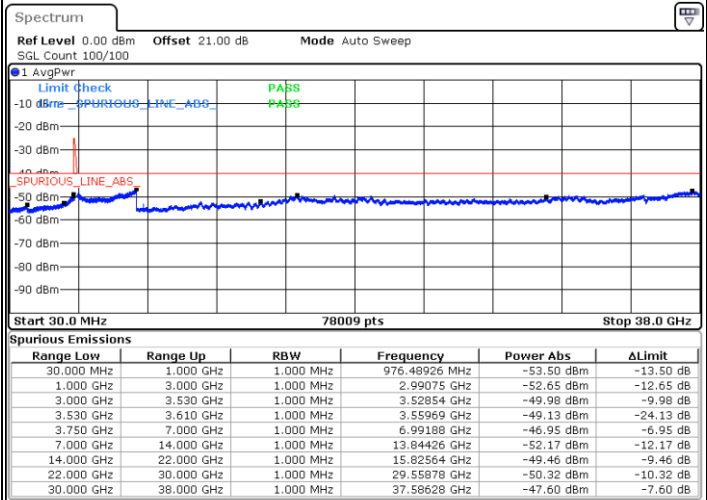
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



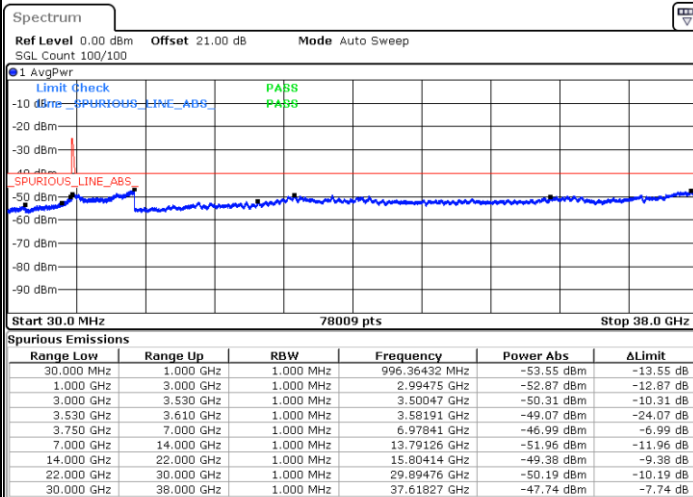
Date: 31.JUL.2020 20:38:39



Date: 31.JUL.2020 20:37:22

Highest Channel / FullIRB

N/A



Date: 31.JUL.2020 20:45:14

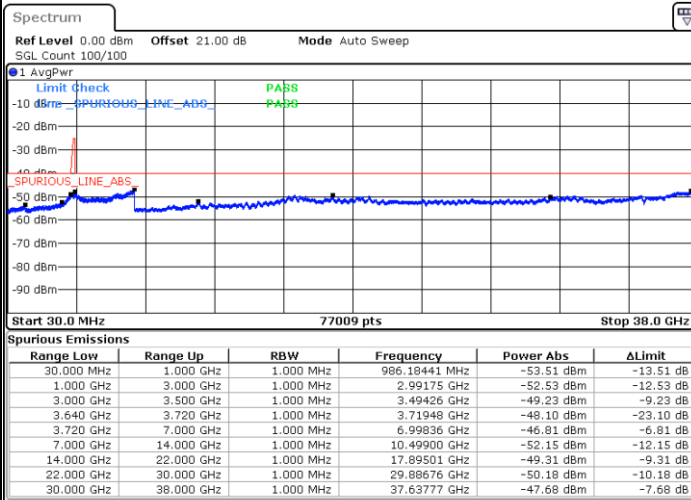


LTE Band 48C / 20MHz+15MHz

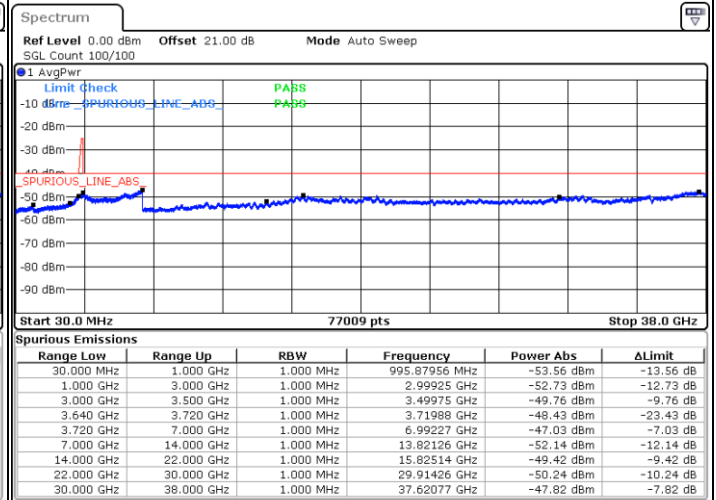
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



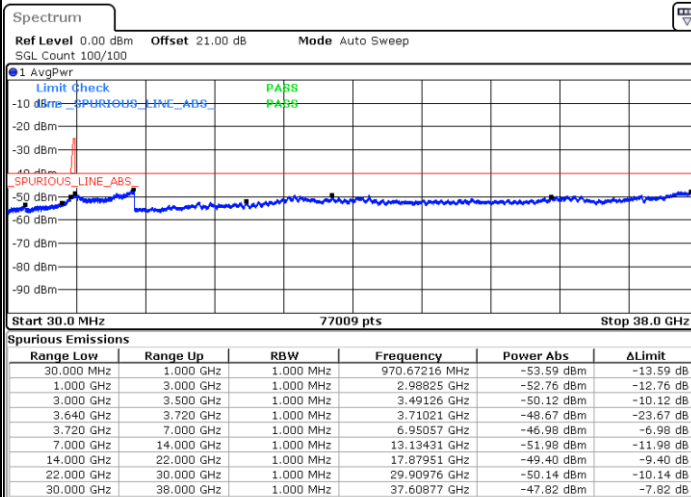
Date: 31.JUL.2020 14:33:32



Date: 31.JUL.2020 14:27:00

Lowest Channel / FullIRB

N/A



Date: 31.JUL.2020 14:34:51

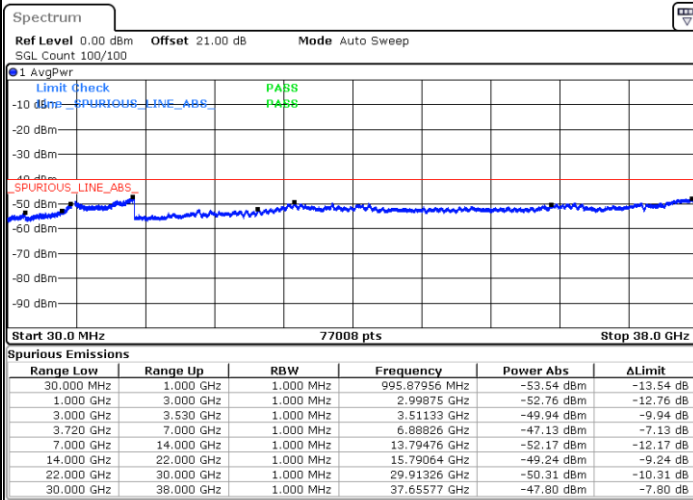


LTE Band 48C / 20MHz+15MHz

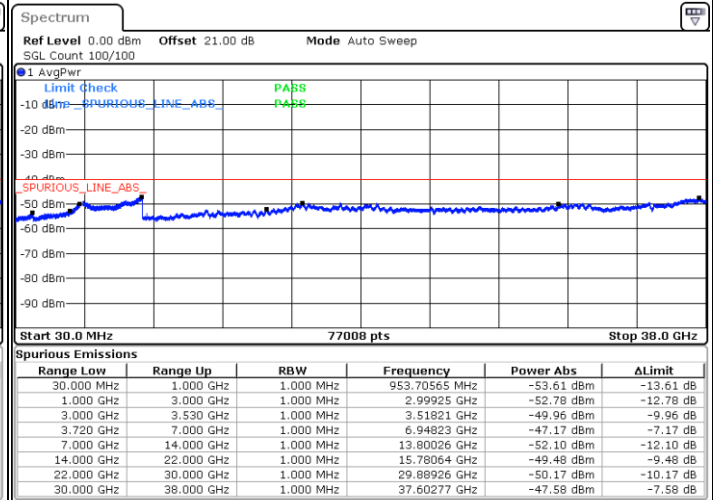
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



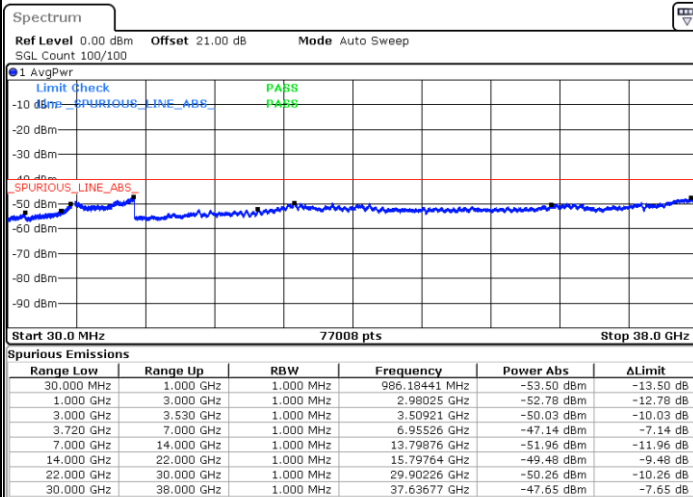
Date: 31.JUL.2020 15:08:49



Date: 31.JUL.2020 15:15:20

Middle Channel / FullIRB

N/A



Date: 31.JUL.2020 15:07:31

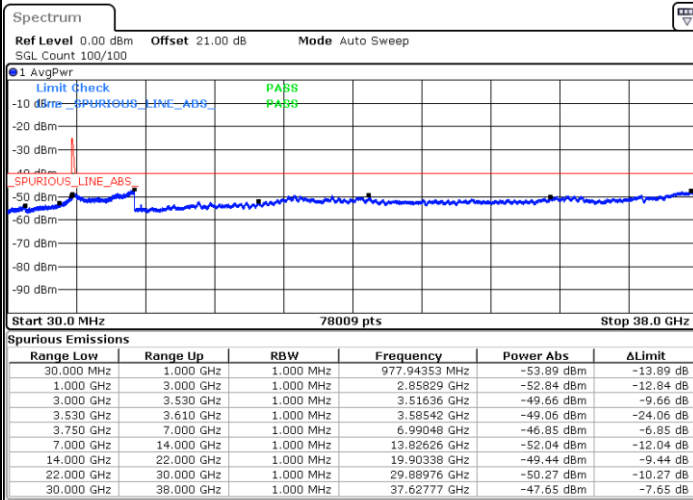


LTE Band 48C / 20MHz+15MHz

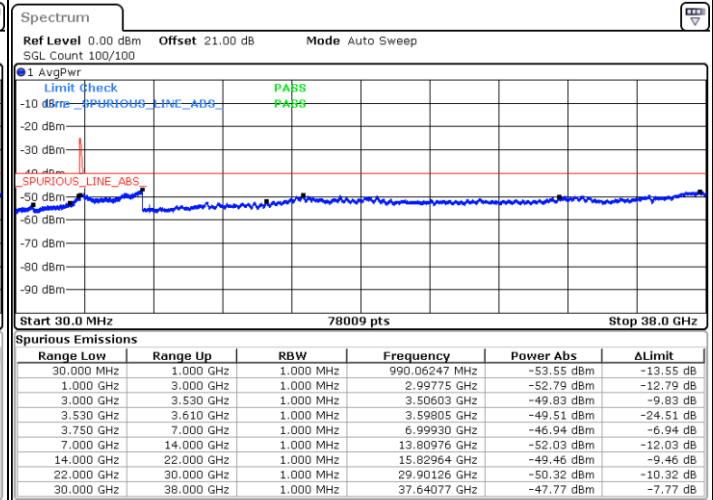
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



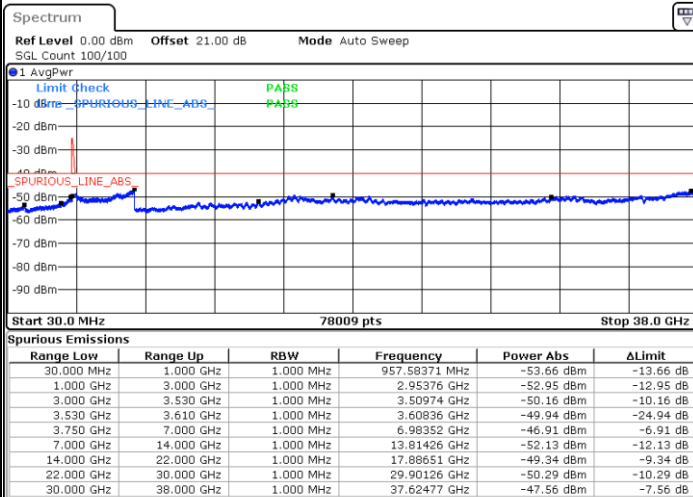
Date: 31.JUL.2020 15:47:53



Date: 31.JUL.2020 15:46:35

Highest Channel / FullIRB

N/A



Date: 31.JUL.2020 15:54:26

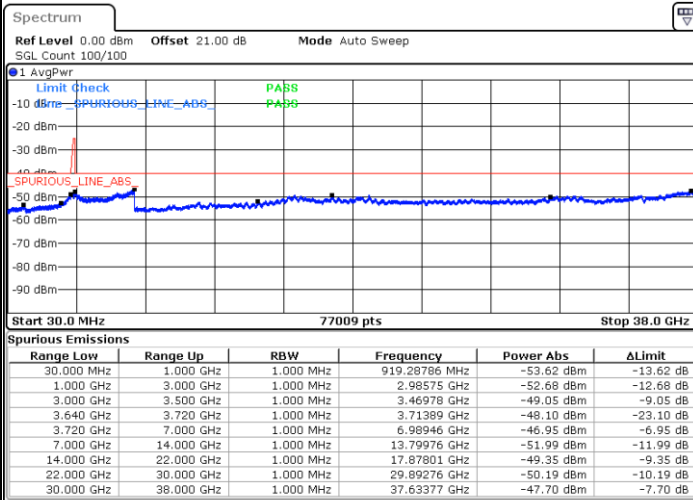


LTE Band 48C / 20MHz+20MHz

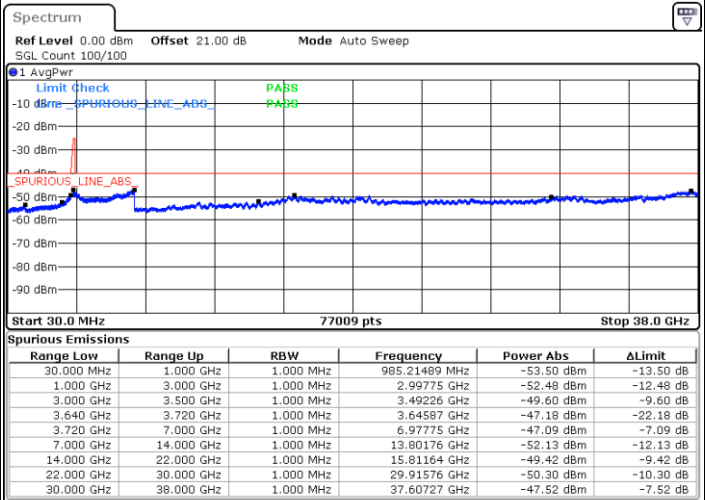
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



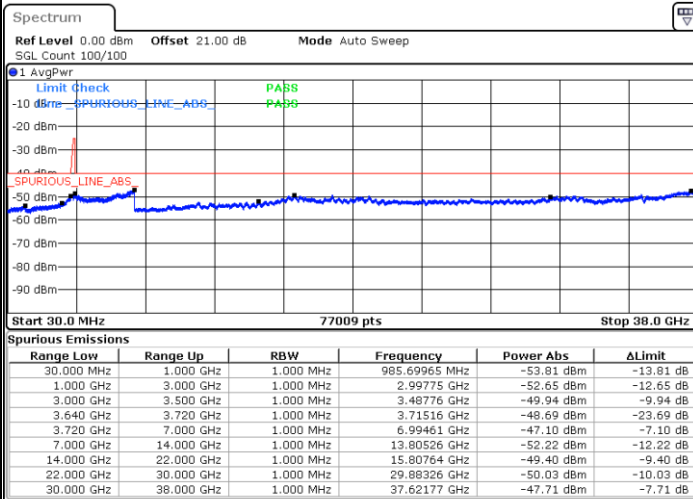
Date: 31.JUL.2020 12:26:12



Date: 31.JUL.2020 12:19:41

Lowest Channel / FullIRB

N/A



Date: 31.JUL.2020 12:27:31

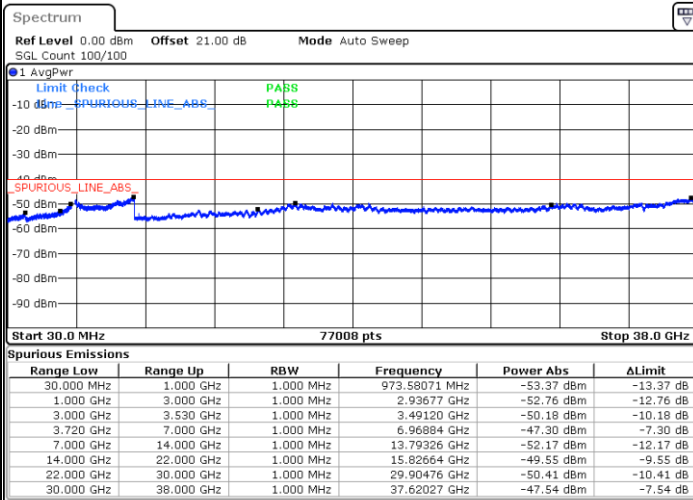


LTE Band 48C / 20MHz+20MHz

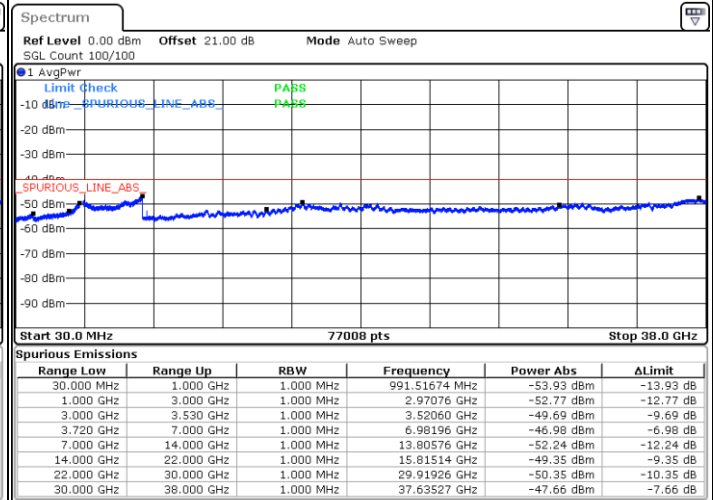
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



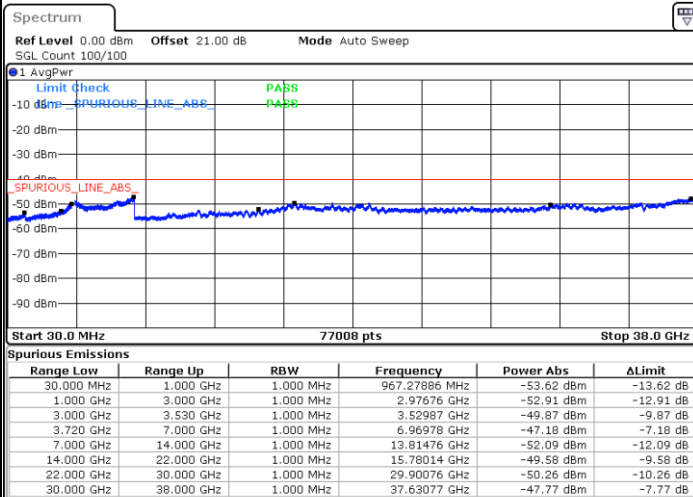
Date: 31.JUL.2020 00:36:40



Date: 31.JUL.2020 00:43:14

Middle Channel / FullIRB

N/A



Date: 31.JUL.2020 00:35:21

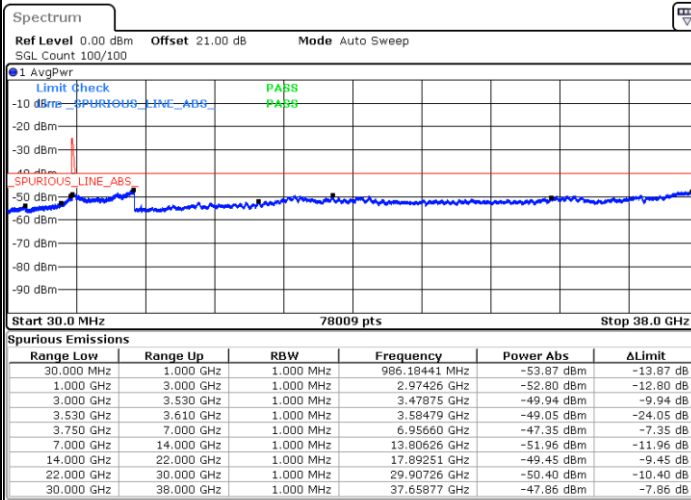


LTE Band 48C / 20MHz+20MHz

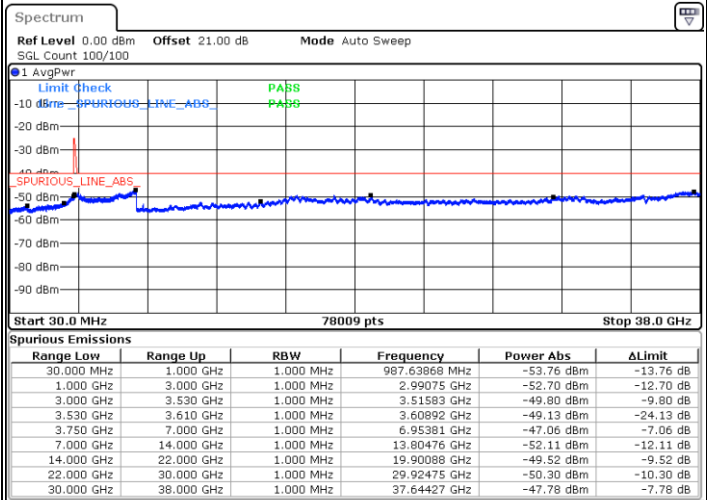
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



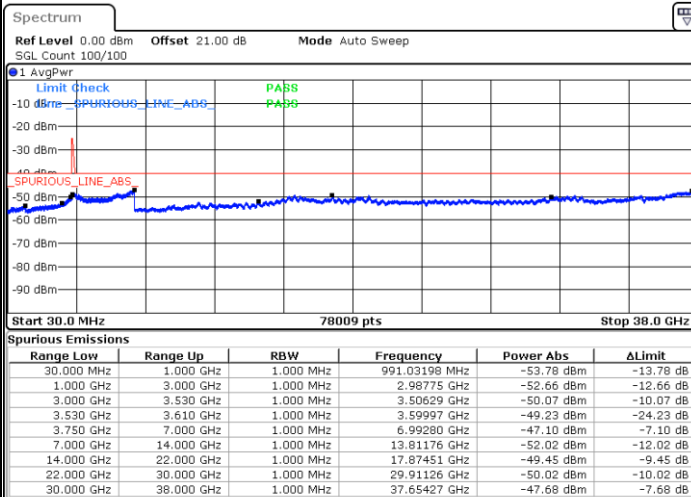
Date: 31.JUL.2020 01:11:56



Date: 31.JUL.2020 01:10:36

Highest Channel / FullIRB

N/A



Date: 31.JUL.2020 01:18:33



Appendix B. Test Results of EIRP and Radiated Test

<SISO Mode for Sample 1>

EIRP

<Reporting Only>

LTE Band 48 / 5MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.13	0.0650	35.13	3.2584
Middle		1	0	18.57	0.0719	35.57	3.6058
Highest		1	0	19.50	0.0891	36.50	4.4668
Lowest	16QAM	1	12	18.73	0.0746	35.73	3.7411
Middle		1	12	19.02	0.0798	36.02	3.9994
Highest		1	12	19.49	0.0889	36.49	4.4566
Lowest	64QAM	12	0	18.80	0.0759	35.80	3.8019
Middle		12	0	19.33	0.0857	36.33	4.2954
Highest		12	0	19.34	0.0859	36.34	4.3053

LTE Band 48 / 10MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.12	0.0649	35.12	3.2509
Middle		1	0	18.61	0.0726	35.61	3.6392
Highest		1	0	19.34	0.0859	36.34	4.3053
Lowest	16QAM	1	49	18.74	0.0748	35.74	3.7497
Middle		1	49	19.23	0.0838	36.23	4.1976
Highest		1	49	19.32	0.0855	36.32	4.2855
Lowest	64QAM	25	25	18.65	0.0733	35.65	3.6728
Middle		25	25	19.26	0.0843	36.26	4.2267
Highest		25	25	19.33	0.0857	36.33	4.2954

LTE Band 48 / 15MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.39	0.0690	35.39	3.4594
Middle		1	0	18.80	0.0759	35.80	3.8019
Highest		1	0	19.39	0.0869	36.39	4.3551
Lowest	16QAM	1	37	18.56	0.0718	35.56	3.5975
Middle		1	37	18.99	0.0793	35.99	3.9719
Highest		1	37	19.38	0.0867	36.38	4.3451
Lowest	64QAM	36	39	18.55	0.0716	35.55	3.5892
Middle		36	39	19.10	0.0813	36.10	4.0738
Highest		36	39	19.32	0.0855	36.32	4.2855



LTE Band 48 / 20MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.48	0.0705	35.48	3.5318
Middle		1	0	18.94	0.0783	35.94	3.9264
Highest		1	0	19.57	0.0906	36.57	4.5394
Lowest	16QAM	1	0	18.78	0.0755	35.78	3.7844
Middle		1	0	19.21	0.0834	36.21	4.1783
Highest		1	0	19.56	0.0904	36.56	4.5290
Lowest	64QAM	50	0	18.68	0.0738	35.68	3.6983
Middle		50	0	19.13	0.0818	36.13	4.1020
Highest		50	0	19.46	0.0883	36.46	4.4259



EIRP Power

LTE Band 48 / Conducted Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	18.13	18.73	18.8
Middle CH	-	-	-	-	-	-	18.57	19.02	19.33
Highest CH	-	-	-	-	-	-	19.5	19.49	19.34
LTE Band 48 / Conducted Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	18.12	18.74	18.65	18.39	18.56	18.55	18.48	18.78	18.68
Middle CH	18.61	19.23	19.26	18.80	18.99	19.10	18.94	19.21	19.13
Highest CH	19.34	19.32	19.33	19.39	19.38	19.32	19.57	19.56	19.46

LTE Band 48 / EIRP Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	35.13	35.73	35.8
Middle CH	-	-	-	-	-	-	35.57	36.02	36.33
Highest CH	-	-	-	-	-	-	36.5	36.49	36.34
LTE Band 48 / EIRP Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	35.12	35.74	35.65	35.39	35.56	35.55	35.48	35.78	35.68
Middle CH	35.61	36.23	36.26	35.80	35.99	36.10	35.94	36.21	36.13
Highest CH	36.34	36.32	36.33	36.39	36.38	36.32	36.57	36.56	36.46
Antenna Gain	17 dBi								
Limit	47dBm / 10MHz								
Result	Pass								



<MIMO Mode for Sample 1>

EIRP

<Reporting Only>

LTE Band 48 / 5MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.52	0.0711	35.52	3.5645
Middle		1	0	18.77	0.0753	35.77	3.7757
Highest		1	0	20.14	0.1033	37.14	5.1761
Lowest	16QAM	1	24	18.92	0.0780	35.92	3.9084
Middle		1	24	19.57	0.0906	36.57	4.5394
Highest		1	24	19.88	0.0973	36.88	4.8753
Lowest	64QAM	12	13	18.84	0.0766	35.84	3.8371
Middle		12	13	19.46	0.0883	36.46	4.4259
Highest		12	13	19.69	0.0931	36.69	4.6666

LTE Band 48 / 10MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.01	0.0796	36.01	3.9902
Middle		1	0	19.25	0.0841	36.25	4.2170
Highest		1	0	20.10	0.1023	37.10	5.1286
Lowest	16QAM	1	25	18.96	0.0787	35.96	3.9446
Middle		1	25	19.39	0.0869	36.39	4.3551
Highest		1	25	20.09	0.1021	37.09	5.1168
Lowest	64QAM	25	12	19.18	0.0828	36.18	4.1495
Middle		25	12	19.56	0.0904	36.56	4.5290
Highest		25	12	19.93	0.0984	36.93	4.9317

LTE Band 48 / 15MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	18.88	0.0773	35.88	3.8726
Middle		1	0	19.48	0.0887	36.48	4.4463
Highest		1	0	19.99	0.0998	36.99	5.0003
Lowest	16QAM	1	74	19.20	0.0832	36.20	4.1687
Middle		1	74	19.60	0.0912	36.60	4.5709
Highest		1	74	19.90	0.0977	36.90	4.8978
Lowest	64QAM	36	39	19.18	0.0828	36.18	4.1495
Middle		36	39	19.51	0.0893	36.51	4.4771
Highest		36	39	19.81	0.0957	36.81	4.7973



LTE Band 48 / 20MHz (Average) (GT - LC = 17 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.05	0.0804	36.05	4.0272
Middle		1	0	19.37	0.0865	36.37	4.3351
Highest		1	0	20.17	0.1040	37.17	5.2119
Lowest	16QAM	100	0	19.22	0.0836	36.22	4.1879
Middle		100	0	19.72	0.0938	36.72	4.6989
Highest		100	0	19.86	0.0968	36.86	4.8529
Lowest	64QAM	100	0	19.22	0.0836	36.22	4.1879
Middle		100	0	19.61	0.0914	36.61	4.5814
Highest		100	0	19.81	0.0957	36.81	4.7973



EIRP Power

LTE Band 48 / Conducted Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	18.52	18.92	18.84
Middle CH	-	-	-	-	-	-	18.77	19.57	19.46
Highest CH	-	-	-	-	-	-	20.14	19.88	19.69
LTE Band 48 / Conducted Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	19.01	18.96	19.18	18.88	19.20	19.18	19.05	19.22	19.22
Middle CH	19.25	19.39	19.56	19.48	19.60	19.51	19.37	19.72	19.61
Highest CH	20.10	20.09	19.93	19.99	19.90	19.81	20.17	19.86	19.81

LTE Band 48 / EIRP Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	35.52	35.92	35.84
Middle CH	-	-	-	-	-	-	35.77	36.57	36.46
Highest CH	-	-	-	-	-	-	37.14	36.88	36.69
LTE Band 48 / EIRP Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	36.01	35.96	36.18	35.88	36.20	36.18	36.05	36.22	36.22
Middle CH	36.25	36.39	36.56	36.48	36.60	36.51	36.37	36.72	36.61
Highest CH	37.10	37.09	36.93	36.99	36.90	36.81	37.17	36.86	36.81
Antenna Gain	17 dBi								
Limit	47dBm / 10MHz								
Result	Pass								



<CA Mode for Sample 1>

EIRP

<Reporting Only>

LTE Band 48C_CA / 20 + 20 MHz (GT - LC = 17 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	17.07	0.0509	34.07	2.5527
Middle		1	99	1	0	18.34	0.0682	35.34	3.4198
Highest		1	99	1	0	17.97	0.0627	34.97	3.1405
Lowest	16QAM	1	99	1	0	17.38	0.0547	34.38	2.7416
Middle		1	99	1	0	18.14	0.0652	35.14	3.2659
Highest		1	99	1	0	18.31	0.0678	35.31	3.3963
Lowest	64QAM	1	0	1	99	17.42	0.0552	34.42	2.7669
Middle		1	0	1	99	17.34	0.0542	34.34	2.7164
Highest		1	0	1	99	18.09	0.0644	35.09	3.2285

LTE Band 48C_CA / 20 + 15 MHz (GT - LC = 17 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	17.34	0.0542	34.34	2.7164
Middle		1	99	1	0	18.32	0.0679	35.32	3.4041
Highest		1	99	1	0	18.16	0.0655	35.16	3.2810
Lowest	16QAM	1	99	1	0	17.68	0.0586	34.68	2.9376
Middle		1	99	1	0	18.16	0.0655	35.16	3.2810
Highest		1	99	1	0	18.11	0.0647	35.11	3.2434
Lowest	64QAM	1	0	1	74	17.56	0.0570	34.56	2.8576
Middle		1	0	1	74	17.52	0.0565	34.52	2.8314
Highest		1	0	1	74	18.18	0.0658	35.18	3.2961

LTE Band 48C_CA / 15 + 20 MHz (GT - LC = 17 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	1	99	17.63	0.0579	34.63	2.9040
Middle		1	0	1	99	18.32	0.0679	35.32	3.4041
Highest		1	0	1	99	18.17	0.0656	35.17	3.2885
Lowest	16QAM	1	74	1	0	17.99	0.0630	34.99	3.1550
Middle		1	74	1	0	17.68	0.0586	34.68	2.9376
Highest		1	74	1	0	18.29	0.0675	35.29	3.3806
Lowest	64QAM	1	0	1	99	17.65	0.0582	34.65	2.9174
Middle		1	0	1	99	17.90	0.0617	34.90	3.0903
Highest		1	0	1	99	18.17	0.0656	35.17	3.2885



LTE Band 48C_CA / 20 + 10 MHz (GT - LC = 17 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	17.57	0.0571	34.57	2.8642
Middle		1	99	1	0	18.31	0.0678	35.31	3.3963
Highest		1	99	1	0	18.21	0.0662	35.21	3.3189
Lowest	16QAM	1	99	1	0	17.92	0.0619	34.92	3.1046
Middle		1	99	1	0	18.29	0.0675	35.29	3.3806
Highest		1	99	1	0	18.29	0.0675	35.29	3.3806
Lowest	64QAM	1	99	1	0	17.57	0.0571	34.57	2.8642
Middle		1	99	1	0	18.07	0.0641	35.07	3.2137
Highest		1	99	1	0	18.29	0.0675	35.29	3.3806

LTE Band 48C_CA / 10 + 20 MHz (GT - LC = 17 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	17.49	0.0561	34.49	2.8119
Middle		1	49	1	0	18.33	0.0681	35.33	3.4119
Highest		1	49	1	0	18.14	0.0652	35.14	3.2659
Lowest	16QAM	1	49	1	0	17.80	0.0603	34.80	3.0200
Middle		1	49	1	0	18.15	0.0653	35.15	3.2734
Highest		1	49	1	0	18.29	0.0675	35.29	3.3806
Lowest	64QAM	1	49	1	0	17.44	0.0555	34.44	2.7797
Middle		1	49	1	0	18.21	0.0662	35.21	3.3189
Highest		1	49	1	0	18.13	0.0650	35.13	3.2584

LTE Band 48C_CA / 20 + 5 MHz (GT - LC = 17 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	17.94	0.0622	34.94	3.1189
Middle		1	99	1	0	18.29	0.0675	35.29	3.3806
Highest		1	99	1	0	18.23	0.0665	35.23	3.3343
Lowest	16QAM	1	99	1	0	18.27	0.0671	35.27	3.3651
Middle		1	99	1	0	18.24	0.0667	35.24	3.3420
Highest		1	99	1	0	18.28	0.0673	35.28	3.3729
Lowest	64QAM	1	99	1	0	17.96	0.0625	34.96	3.1333
Middle		1	99	1	0	18.16	0.0655	35.16	3.2810
Highest		1	99	1	0	18.22	0.0664	35.22	3.3266

LTE Band 48C_CA / 5 + 20 MHz (GT - LC = 17 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	17.61	0.0577	34.61	2.8907
Middle		1	24	1	0	18.08	0.0643	35.08	3.2211
Highest		1	24	1	0	17.69	0.0587	34.69	2.9444
Lowest	16QAM	1	24	1	0	18.07	0.0641	35.07	3.2137
Middle		1	24	1	0	17.90	0.0617	34.90	3.0903
Highest		1	24	1	0	18.00	0.0631	35.00	3.1623
Lowest	64QAM	25	0	100	0	17.37	0.0546	34.37	2.7353
Middle		25	0	100	0	17.63	0.0579	34.63	2.9040
Highest		25	0	100	0	17.77	0.0598	34.77	2.9992



EIRP Power

LTE Band 48C / Conducted Power (dBm/10MHz)												
BW	20 + 20 MHz				20 + 15 MHz				15 + 20 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	17.07	17.38	17.42	-	17.34	17.68	17.56	-	17.63	17.99	17.65	-
Middle CH	18.34	18.14	17.34	-	18.32	18.16	17.52	-	18.32	17.68	17.9	-
Highest CH	17.97	18.31	18.09	-	18.16	18.11	18.18	-	18.17	18.29	18.17	-
LTE Band 48C / Conducted Power (dBm/10MHz)												
BW	20 + 10 MHz				10 + 20 MHz				20 + 5 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	17.57	17.92	17.57	-	17.49	17.80	17.44	-	17.94	18.27	17.96	-
Middle CH	18.31	18.29	18.07	-	18.33	18.15	18.21	-	18.29	18.24	18.16	-
Highest CH	18.21	18.29	18.29	-	18.14	18.29	18.13	-	18.23	18.28	18.22	-
LTE Band 48C / Conducted Power (dBm/10MHz)												
BW	5 + 20 MHz											
Mod.	QPSK	16QAM	64QAM	256QAM								
Lowest CH	17.61	18.07	17.37	-								
Middle CH	18.08	17.9	17.63	-								
Highest CH	17.69	18	17.77	-								

LTE Band 48C / EIRP Power (dBm/10MHz)												
BW	20 + 20 MHz				20 + 15 MHz				15 + 20 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	34.07	34.38	34.42	-	34.34	34.68	34.56	-	34.63	34.99	34.65	-
Middle CH	35.34	35.14	34.34	-	35.32	35.16	34.52	-	35.32	34.68	34.9	-
Highest CH	34.97	35.31	35.09	-	35.16	35.11	35.18	-	35.17	35.29	35.17	-
LTE Band 48C / EIRP Power (dBm/10MHz)												
BW	20 + 10 MHz				10 + 20 MHz				20 + 5 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	34.57	34.92	34.57	-	34.49	34.80	34.44	-	34.94	35.27	34.96	-
Middle CH	35.31	35.29	35.07	-	35.33	35.15	35.21	-	35.29	35.24	35.16	-
Highest CH	35.21	35.29	35.29	-	35.14	35.29	35.13	-	35.23	35.28	35.22	-
LTE Band 48C / EIRP Power (dBm/10MHz)												
BW	5 + 20 MHz				-							
Mod.	QPSK	16QAM	64QAM	256QAM								
Lowest CH	34.61	35.07	34.37	-								
Middle CH	35.08	34.9	34.63	-								
Highest CH	34.69	35	34.77	-								
Antenna Gain	17 dBi											
Limit	47dBm / 10MHz											
Result	Pass											



<SISO Mode for Sample 2>

EIRP

<Reporting Only>

LTE Band 48 / 5MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.12	0.1294	34.12	2.5823
Middle		1	0	21.26	0.1337	34.26	2.6669
Highest		1	0	21.95	0.1567	34.95	3.1261
Lowest	16QAM	12	0	21.87	0.1538	34.87	3.0690
Middle		12	0	21.88	0.1542	34.88	3.0761
Highest		12	0	21.94	0.1563	34.94	3.1189
Lowest	64QAM	12	0	21.84	0.1528	34.84	3.0479
Middle		12	0	21.94	0.1563	34.94	3.1189
Highest		12	0	21.94	0.1563	34.94	3.1189

LTE Band 48 / 10MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.18	0.1312	34.18	2.6182
Middle		1	0	21.32	0.1355	34.32	2.7040
Highest		1	0	21.95	0.1567	34.95	3.1261
Lowest	16QAM	25	25	21.67	0.1469	34.67	2.9309
Middle		25	25	21.94	0.1563	34.94	3.1189
Highest		25	25	21.70	0.1479	34.70	2.9512
Lowest	64QAM	25	25	21.80	0.1514	34.80	3.0200
Middle		25	25	21.80	0.1514	34.80	3.0200
Highest		25	25	21.83	0.1524	34.83	3.0409

LTE Band 48 / 15MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.37	0.1371	34.37	2.7353
Middle		1	0	21.45	0.1396	34.45	2.7861
Highest		1	0	21.93	0.1560	34.93	3.1117
Lowest	16QAM	1	74	21.74	0.1493	34.74	2.9785
Middle		1	74	21.85	0.1531	34.85	3.0549
Highest		1	74	21.79	0.1510	34.79	3.0130
Lowest	64QAM	75	0	21.70	0.1479	34.70	2.9512
Middle		75	0	21.92	0.1556	34.92	3.1046
Highest		75	0	21.71	0.1483	34.71	2.9580



LTE Band 48 / 20MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.10	0.1288	34.10	2.5704
Middle		1	0	21.40	0.1380	34.40	2.7542
Highest		1	0	21.96	0.1570	34.96	3.1333
Lowest	16QAM	100	0	21.66	0.1466	34.66	2.9242
Middle		100	0	21.95	0.1567	34.95	3.1261
Highest		100	0	21.87	0.1538	34.87	3.0690
Lowest	64QAM	100	0	21.73	0.1489	34.73	2.9717
Middle		100	0	21.89	0.1545	34.89	3.0832
Highest		100	0	21.84	0.1528	34.84	3.0479



EIRP Power

LTE Band 48 / Conducted Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	21.12	21.87	21.84
Middle CH	-	-	-	-	-	-	21.26	21.88	21.94
Highest CH	-	-	-	-	-	-	21.95	21.94	21.94
LTE Band 48 / Conducted Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	21.18	21.67	21.8	21.37	21.74	21.70	21.10	21.66	21.73
Middle CH	21.32	21.94	21.8	21.45	21.85	21.92	21.40	21.95	21.89
Highest CH	21.95	21.7	21.83	21.93	21.79	21.71	21.96	21.87	21.84

LTE Band 48 / EIRP Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	34.12	34.87	34.84
Middle CH	-	-	-	-	-	-	34.26	34.88	34.94
Highest CH	-	-	-	-	-	-	34.95	34.94	34.94
LTE Band 48 / EIRP Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	34.18	34.67	34.8	34.37	34.74	34.70	34.10	34.66	34.73
Middle CH	34.32	34.94	34.8	34.45	34.85	34.92	34.40	34.95	34.89
Highest CH	34.95	34.7	34.83	34.93	34.79	34.71	34.96	34.87	34.84
Antenna Gain	13 dBi								
Limit	47dBm / 10MHz								
Result	Pass								



<MIMO Mode for Sample 2>

EIRP

<Reporting Only>

LTE Band 48 / 5MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.14	0.1300	34.14	2.5942
Middle		1	0	21.15	0.1303	34.15	2.6002
Highest		1	0	22.40	0.1738	35.40	3.4674
Lowest	16QAM	12	0	21.77	0.1503	34.77	2.9992
Middle		12	0	21.74	0.1493	34.74	2.9785
Highest		12	0	22.31	0.1702	35.31	3.3963
Lowest	64QAM	12	0	21.77	0.1503	34.77	2.9992
Middle		12	0	21.85	0.1531	34.85	3.0549
Highest		12	0	22.31	0.1702	35.31	3.3963

LTE Band 48 / 10MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.15	0.1303	34.15	2.6002
Middle		1	0	21.33	0.1358	34.33	2.7102
Highest		1	0	22.26	0.1683	35.26	3.3574
Lowest	16QAM	1	25	21.61	0.1449	34.61	2.8907
Middle		1	25	21.62	0.1452	34.62	2.8973
Highest		1	25	22.25	0.1679	35.25	3.3497
Lowest	64QAM	25	12	21.67	0.1469	34.67	2.9309
Middle		25	12	21.81	0.1517	34.81	3.0269
Highest		25	12	22.14	0.1637	35.14	3.2659

LTE Band 48 / 15MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.38	0.1374	34.38	2.7416
Middle		1	0	21.47	0.1403	34.47	2.7990
Highest		1	0	22.21	0.1663	35.21	3.3189
Lowest	16QAM	36	39	21.38	0.1374	34.38	2.7416
Middle		36	39	21.53	0.1422	34.53	2.8379
Highest		36	39	21.96	0.1570	34.96	3.1333
Lowest	64QAM	36	39	21.43	0.1390	34.43	2.7733
Middle		36	39	21.58	0.1439	34.58	2.8708
Highest		36	39	21.94	0.1563	34.94	3.1189



LTE Band 48 / 20MHz (Average) (GT - LC = 13 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.61	0.1449	34.61	2.8907
Middle		1	0	21.34	0.1361	34.34	2.7164
Highest		1	0	22.41	0.1742	35.41	3.4754
Lowest	16QAM	1	49	21.86	0.1535	34.86	3.0620
Middle		1	49	21.75	0.1496	34.75	2.9854
Highest		1	49	22.29	0.1694	35.29	3.3806
Lowest	64QAM	1	49	21.58	0.1439	34.58	2.8708
Middle		1	49	21.52	0.1419	34.52	2.8314
Highest		1	49	22.05	0.1603	35.05	3.1989



EIRP Power

LTE Band 48 / Conducted Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	21.14	21.77	21.77
Middle CH	-	-	-	-	-	-	21.15	21.74	21.85
Highest CH	-	-	-	-	-	-	22.40	22.31	22.31
LTE Band 48 / Conducted Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	21.15	21.61	21.67	21.38	21.38	21.43	21.61	21.86	21.58
Middle CH	21.33	21.62	21.81	21.47	21.53	21.58	21.34	21.75	21.52
Highest CH	22.26	22.25	22.14	22.21	21.96	21.94	22.41	22.29	22.05

LTE Band 48 / EIRP Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	34.14	34.77	34.77
Middle CH	-	-	-	-	-	-	34.15	34.74	34.85
Highest CH	-	-	-	-	-	-	35.40	35.31	35.31
LTE Band 48 / EIRP Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	34.15	34.61	34.67	34.38	34.38	34.43	34.61	34.86	34.58
Middle CH	34.33	34.62	34.81	34.47	34.53	34.58	34.34	34.75	34.52
Highest CH	35.26	35.25	35.14	35.21	34.96	34.94	35.41	35.29	35.05
Antenna Gain	13 dBi								
Limit	47dBm / 10MHz								
Result	Pass								



<CA Mode for Sample 2>

EIRP

<Reporting Only>

LTE Band 48C_CA / 20 + 20 MHz (GT - LC = 13 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	1	99	18.22	0.0664	31.22	1.3243
Middle		1	0	1	99	17.53	0.0566	30.53	1.1298
Highest		1	0	1	99	17.83	0.0607	30.83	1.2106
Lowest	16QAM	1	0	1	99	18.53	0.0713	31.53	1.4223
Middle		1	0	1	99	17.85	0.0610	30.85	1.2162
Highest		1	0	1	99	18.16	0.0655	31.16	1.3062
Lowest	64QAM	1	0	1	99	18.17	0.0656	31.17	1.3092
Middle		1	0	1	99	17.50	0.0562	30.50	1.1220
Highest		1	0	1	99	17.81	0.0604	30.81	1.2050

LTE Band 48C CA / 20 + 15 MHz (GT - LC = 13 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	1	74	17.95	0.0624	30.95	1.2445
Middle		1	0	1	74	17.68	0.0586	30.68	1.1695
Highest		1	0	1	74	18.07	0.0641	31.07	1.2794
Lowest	16QAM	1	0	1	74	18.28	0.0673	31.28	1.3428
Middle		1	0	1	74	18.00	0.0631	31.00	1.2589
Highest		1	0	1	74	18.41	0.0693	31.41	1.3836
Lowest	64QAM	1	0	1	74	17.93	0.0621	30.93	1.2388
Middle		1	0	1	74	17.65	0.0582	30.65	1.1614
Highest		1	0	1	74	18.08	0.0643	31.08	1.2823

LTE Band 48C_CA / 15 + 20 MHz (GT - LC = 13 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	1	99	18.09	0.0644	31.09	1.2853
Middle		1	0	1	99	17.81	0.0604	30.81	1.2050
Highest		1	0	1	99	18.09	0.0644	31.09	1.2853
Lowest	16QAM	1	0	1	99	18.42	0.0695	31.42	1.3868
Middle		1	0	1	99	18.11	0.0647	31.11	1.2912
Highest		1	0	1	99	18.40	0.0692	31.40	1.3804
Lowest	64QAM	1	0	1	99	18.07	0.0641	31.07	1.2794
Middle		1	0	1	99	17.75	0.0596	30.75	1.1885
Highest		1	0	1	99	18.08	0.0643	31.08	1.2823



LTE Band 48C_CA / 20 + 10 MHz (GT - LC = 13 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	17.60	0.0575	30.60	1.1482
Middle		1	99	1	0	17.79	0.0601	30.79	1.1995
Highest		1	99	1	0	18.04	0.0637	31.04	1.2706
Lowest	16QAM	1	99	1	0	17.93	0.0621	30.93	1.2388
Middle		1	99	1	0	18.12	0.0649	31.12	1.2942
Highest		1	99	1	0	18.38	0.0689	31.38	1.3740
Lowest	64QAM	1	99	1	0	17.58	0.0573	30.58	1.1429
Middle		1	99	1	0	17.78	0.0600	30.78	1.1967
Highest		1	99	1	0	18.03	0.0635	31.03	1.2677

LTE Band 48C_CA / 10 + 20 MHz (GT - LC = 13 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	1	0	17.87	0.0612	30.87	1.2218
Middle		1	49	1	0	17.90	0.0617	30.90	1.2303
Highest		1	49	1	0	17.80	0.0603	30.80	1.2023
Lowest	16QAM	1	49	1	0	18.21	0.0662	31.21	1.3213
Middle		1	49	1	0	18.23	0.0665	31.23	1.3274
Highest		1	49	1	0	18.13	0.0650	31.13	1.2972
Lowest	64QAM	50	0	100	0	17.72	0.0592	30.72	1.1803
Middle		50	0	100	0	17.88	0.0614	30.88	1.2246
Highest		50	0	100	0	17.52	0.0565	30.52	1.1272

LTE Band 48C_CA / 20 + 5 MHz (GT - LC = 13 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	1	0	17.47	0.0558	30.47	1.1143
Middle		1	99	1	0	17.62	0.0578	30.62	1.1535
Highest		1	99	1	0	17.96	0.0625	30.96	1.2474
Lowest	16QAM	1	99	1	0	17.82	0.0605	30.82	1.2078
Middle		1	99	1	0	17.97	0.0627	30.97	1.2503
Highest		1	99	1	0	18.30	0.0676	31.30	1.3490
Lowest	64QAM	1	99	1	0	17.49	0.0561	30.49	1.1194
Middle		1	99	1	0	17.62	0.0578	30.62	1.1535
Highest		1	99	1	0	17.96	0.0625	30.96	1.2474

LTE Band 48C_CA / 5 + 20 MHz (GT - LC = 13 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	1	0	17.82	0.0605	30.82	1.2078
Middle		1	24	1	0	17.89	0.0615	30.89	1.2274
Highest		1	24	1	0	17.74	0.0594	30.74	1.1858
Lowest	16QAM	1	24	1	0	18.13	0.0650	31.13	1.2972
Middle		1	24	1	0	18.19	0.0659	31.19	1.3152
Highest		1	24	1	0	18.05	0.0638	31.05	1.2735
Lowest	64QAM	25	0	100	0	17.91	0.0618	30.91	1.2331
Middle		25	0	100	0	17.85	0.0610	30.85	1.2162
Highest		25	0	100	0	17.66	0.0583	30.66	1.1641



EIRP Power

LTE Band 48C / Conducted Power (dBm/10MHz)												
BW	20 + 20 MHz				20 + 15 MHz				15 + 20 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	18.22	18.53	18.17	-	17.95	18.28	17.93	-	18.09	18.42	18.07	-
Middle CH	17.53	17.85	17.5	-	17.68	18	17.65	-	17.81	18.11	17.75	-
Highest CH	17.83	18.16	17.81	-	18.07	18.41	18.08	-	18.09	18.4	18.08	-
LTE Band 48C / Conducted Power (dBm/10MHz)												
BW	20 + 10 MHz				10 + 20 MHz				20 + 5 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	17.6	17.93	17.58	-	17.87	18.21	17.72	-	17.47	17.82	17.49	-
Middle CH	17.79	18.12	17.78	-	17.90	18.23	17.88	-	17.62	17.97	17.62	-
Highest CH	18.04	18.38	18.03	-	17.80	18.13	17.52	-	17.96	18.30	17.96	-
LTE Band 48C / Conducted Power (dBm/10MHz)												
BW	5 + 20 MHz											
Mod.	QPSK	16QAM	64QAM	256QAM								
Lowest CH	17.82	18.13	17.91	-								
Middle CH	17.89	18.19	17.85	-								
Highest CH	17.74	18.05	17.66	-								

LTE Band 48C / EIRP Power (dBm/10MHz)												
BW	20 + 20 MHz				20 + 15 MHz				15 + 20 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	31.22	31.53	31.17	-	30.95	31.28	30.93	-	31.09	31.42	31.07	-
Middle CH	30.53	30.85	30.5	-	30.68	31	30.65	-	30.81	31.11	30.75	-
Highest CH	30.83	31.16	30.81	-	31.07	31.41	31.08	-	31.09	31.4	31.08	-
LTE Band 48C / EIRP Power (dBm/10MHz)												
BW	20 + 10 MHz				10 + 20 MHz				20 + 5 MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	30.6	30.93	30.58	-	30.87	31.21	30.72	-	30.47	30.82	30.49	-
Middle CH	30.79	31.12	30.78	-	30.90	31.23	30.88	-	30.62	30.97	30.62	-
Highest CH	31.04	31.38	31.03	-	30.80	31.13	30.52	-	30.96	31.30	30.96	-
LTE Band 48C / EIRP Power (dBm/10MHz)												
BW	5 + 20 MHz				-							
Mod.	QPSK	16QAM	64QAM	256QAM								
Lowest CH	30.82	31.13	30.91	-								
Middle CH	30.89	31.19	30.85	-								
Highest CH	30.74	31.05	30.66	-								
Antenna Gain	13 dBi											
Limit	47dBm / 10MHz											
Result	Pass											

**Radiated Spurious Emission**

<For Sample 1>

LTE Band 48 (SISO Ant. 0)

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-49.10	-40	-9.10	-51.08	-59.06	1.78	11.74	H
	10653	-58.16	-40	-18.16	-60.43	-66.59	2.47	10.90	H
	14204	-50.83	-40	-10.83	-57.89	-59.67	2.87	11.71	H
	21307	-53.29	-40	-13.29	-75.14	-70.01	1.98	18.70	H
	24859	-51.95	-40	-11.95	-76.61	-67.96	2.07	18.07	H
	28411	-51.58	-40	-11.58	-77.1	-68.83	2.32	19.56	H
									H
	7102	-50.84	-40	-10.84	-52.42	-60.80	1.78	11.74	V
	10653	-56.77	-40	-16.77	-58.79	-65.20	2.47	10.90	V
	14204	-53.95	-40	-13.95	-60.73	-62.79	2.87	11.71	V
	21307	-52.97	-40	-12.97	-74.69	-69.69	1.98	18.70	V
	24859	-50.88	-40	-10.88	-76.75	-66.89	2.07	18.07	V
	28411	-49.87	-40	-9.87	-77.21	-67.12	2.32	19.56	V
									V



Middle	7232	-49.82	-40	-9.82	-52.2	-59.50	1.85	11.53	H
	10848	-58.06	-40	-18.06	-60.39	-66.39	2.57	10.90	H
	14464	-56.99	-40	-16.99	-64.26	-65.22	2.85	11.09	H
	18077	-54.20	-40	-14.20	-72.31	-70.43	1.76	17.98	H
	21696	-53.95	-40	-13.95	-75.47	-70.74	1.99	18.78	H
	25312	-51.48	-40	-11.48	-76.64	-68.08	2.14	18.74	H
									H
	7232	-51.81	-40	-11.81	-53.92	-61.49	1.85	11.53	V
	10848	-57.92	-40	-17.92	-60.04	-66.25	2.57	10.90	V
	14464	-57.52	-40	-17.52	-63.96	-65.75	2.85	11.09	V
	18077	-55.73	-40	-15.73	-72.91	-71.96	1.76	17.98	V
	21696	-54.36	-40	-14.36	-75.87	-71.15	1.99	18.78	V
	25312	-50.15	-40	-10.15	-76.58	-66.75	2.14	18.74	V
									V
Highest	7362	-44.47	-40	-4.47	-46.8	-53.88	1.92	11.32	H
	11043	-58.00	-40	-18.00	-60.47	-66.32	2.63	10.95	H
	14724	-56.28	-40	-16.28	-65.12	-65.08	2.91	11.72	H
	18399	-54.94	-40	-14.94	-73.25	-70.99	1.87	17.92	H
	22084	-52.25	-40	-12.25	-74.41	-69.04	2.08	18.87	H
	25770	-51.74	-40	-11.74	-77.74	-68.76	2.03	19.05	H
									H
	7362	-48.83	-40	-8.83	-50.98	-58.24	1.92	11.32	V
	11043	-57.95	-40	-17.95	-60.26	-66.27	2.63	10.95	V
	14724	-58.13	-40	-18.13	-65.3	-66.93	2.91	11.72	V
	18399	-55.77	-40	-15.77	-73.2	-71.82	1.87	17.92	V
	22084	-52.52	-40	-12.52	-74.68	-69.31	2.08	18.87	V
	25770	-50.66	-40	-10.66	-77.84	-67.68	2.03	19.05	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 48 (MIMO Ant. 0+1)**

LTE Band 48 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7120	-50.24	-40	-10.24	-52.22	-60.16	1.78	11.71	H
	10655	-58.40	-40	-18.40	-60.67	-66.83	2.47	10.90	H
	14205	-56.06	-40	-16.06	-63.12	-64.90	2.87	11.71	H
	21307	-53.60	-40	-13.60	-75.45	-70.32	1.98	18.70	H
	24859	-51.66	-40	-11.66	-76.32	-67.67	2.07	18.07	H
	28411	-51.72	-40	-11.72	-77.24	-68.97	2.32	19.56	H
									H
	7120	-50.36	-40	-10.36	-51.95	-60.28	1.78	11.71	V
	10655	-58.82	-40	-18.82	-60.84	-67.25	2.47	10.90	V
	14205	-56.58	-40	-16.58	-63.37	-65.42	2.87	11.71	V
	21307	-53.50	-40	-13.50	-75.22	-70.22	1.98	18.70	V
	24859	-50.67	-40	-10.67	-76.54	-66.68	2.07	18.07	V
	28411	-49.91	-40	-9.91	-77.25	-67.16	2.32	19.56	V
									V
Middle	7232	-50.17	-40	-10.17	-52.55	-59.85	1.85	11.53	H
	10850	-58.55	-40	-18.55	-60.88	-66.88	2.57	10.90	H
	14462	-57.09	-40	-17.09	-64.36	-65.33	2.85	11.09	H
	18077	-54.41	-40	-14.41	-72.52	-70.64	1.76	17.98	H
	21696	-53.55	-40	-13.55	-75.07	-70.34	1.99	18.78	H
	25312	-51.46	-40	-11.46	-76.62	-68.06	2.14	18.74	H
									H
	7230	-52.13	-40	-12.13	-54.24	-61.82	1.84	11.53	V
	10850	-58.43	-40	-18.43	-60.55	-66.76	2.57	10.90	V
	14462	-57.83	-40	-17.83	-64.28	-66.07	2.85	11.09	V
	18077	-55.80	-40	-15.80	-72.98	-72.03	1.76	17.98	V
	21696	-54.03	-40	-14.03	-75.54	-70.82	1.99	18.78	V
	25312	-50.20	-40	-10.20	-76.63	-66.80	2.14	18.74	V
									V



Highest	7380	-45.92	-40	-5.92	-48.25	-55.29	1.93	11.29	H
	11045	-57.95	-40	-17.95	-60.42	-66.27	2.63	10.95	H
	14724	-56.60	-40	-16.60	-65.44	-65.40	2.91	11.72	H
	18399	-54.71	-40	-14.71	-73.02	-70.76	1.87	17.92	H
	22084	-52.35	-40	-12.35	-74.51	-69.14	2.08	18.87	H
	25770	-51.89	-40	-11.89	-77.89	-68.91	2.03	19.05	H
									H
	7380	-46.70	-40	-6.70	-48.85	-56.07	1.93	11.29	V
	11045	-57.51	-40	-17.51	-59.82	-65.83	2.63	10.95	V
	14724	-58.26	-40	-18.26	-65.43	-67.06	2.91	11.72	V
	18399	-55.85	-40	-15.85	-73.28	-71.90	1.87	17.92	V
	22084	-52.24	-40	-12.24	-74.4	-69.03	2.08	18.87	V
	25770	-50.53	-40	-10.53	-77.71	-67.55	2.03	19.05	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 48CA (MIMO Ant. 0+1)**

LTE Band 48CA / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7120	-46.34	-40	-6.34	-48.39	-56.26	1.78	11.71	H
	10705	-58.74	-40	-18.74	-61.03	-67.14	2.50	10.90	H
	14272	-56.27	-40	-16.27	-63.38	-64.95	2.86	11.55	H
	21418	-53.15	-40	-13.15	-74.7	-69.90	1.95	18.70	H
	24981	-51.10	-40	-11.10	-75.76	-67.29	2.08	18.27	H
	28556	-50.39	-40	-10.39	-75.87	-67.61	2.31	19.53	H
									H
	7120	-45.64	-40	-5.64	-47.32	-55.56	1.78	11.71	V
	10705	-58.80	-40	-18.80	-60.85	-67.20	2.50	10.90	V
	14272	-56.39	-40	-16.39	-63.08	-65.07	2.86	11.55	V
	21418	-53.02	-40	-13.02	-74.51	-69.77	1.95	18.70	V
	24981	-51.27	-40	-11.27	-77.08	-67.46	2.08	18.27	V
	28556	-49.56	-40	-9.56	-76.91	-66.78	2.31	19.53	V
									V
Middle	7270	-40.96	-40	-0.96	-43.32	-50.56	1.87	11.47	H
	10870	-58.40	-40	-18.40	-60.73	-66.72	2.58	10.90	H
	14498	-57.48	-40	-17.48	-64.78	-65.63	2.85	11.00	H
	18122	-53.42	-40	-13.42	-71.56	-69.62	1.77	17.98	H
	21740	-53.21	-40	-13.21	-74.77	-70.00	2.01	18.80	H
	25370	-50.64	-40	-10.64	-75.89	-67.31	2.15	18.82	H
									H
	7270	-41.67	-40	-1.67	-43.79	-51.27	1.87	11.47	V
	10870	-58.80	-40	-18.80	-60.93	-67.12	2.58	10.90	V
	14498	-58.37	-40	-18.37	-64.77	-66.52	2.85	11.00	V
	18122	-55.35	-40	-15.35	-72.57	-71.55	1.77	17.98	V
	21740	-53.52	-40	-13.52	-75.07	-70.31	2.01	18.80	V
	25370	-49.95	-40	-9.95	-76.49	-66.62	2.15	18.82	V
									V



Highest	7380	-48.13	-40	-8.13	-50.45	-57.50	1.93	11.29	H
	11035	-58.24	-40	-18.24	-60.69	-66.55	2.64	10.94	H
	14718	-56.74	-40	-16.74	-65.53	-65.53	2.91	11.70	H
	18399	-55.14	-40	-15.14	-73.45	-71.19	1.87	17.92	H
	22073	-52.58	-40	-12.58	-74.7	-69.37	2.08	18.87	H
	25758	-50.96	-40	-10.96	-76.93	-67.98	2.04	19.05	H
									H
	7380	-46.39	-40	-6.39	-48.54	-55.76	1.93	11.29	V
	11035	-58.39	-40	-18.39	-60.67	-66.70	2.64	10.94	V
	14718	-57.89	-40	-17.89	-65.04	-66.68	2.91	11.70	V
	18399	-55.73	-40	-15.73	-73.16	-71.78	1.87	17.92	V
	22073	-52.43	-40	-12.43	-74.55	-69.22	2.08	18.87	V
	25758	-50.03	-40	-10.03	-77.19	-67.05	2.04	19.05	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<For Sample 2>

LTE Band 48 (SISO Ant. 0)

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-53.03	-40	-13.03	-55.01	-62.99	1.78	11.74	H
	10653	-57.43	-40	-17.43	-59.7	-65.86	2.47	10.90	H
	14204	-55.49	-40	-15.49	-62.55	-64.33	2.87	11.71	H
	21306	-53.11	-40	-13.11	-74.97	-69.83	1.98	18.70	H
	24857	-51.91	-40	-11.91	-76.57	-67.92	2.07	18.07	H
	28408	-51.32	-40	-11.32	-76.84	-68.56	2.32	19.56	H
									H
	7102	-53.50	-40	-13.50	-55.09	-63.46	1.78	11.74	V
	10653	-56.38	-40	-16.38	-58.4	-64.81	2.47	10.90	V
	14204	-53.13	-40	-13.13	-59.92	-61.97	2.87	11.71	V
	21306	-54.18	-40	-14.18	-75.9	-70.90	1.98	18.70	V
	24857	-51.62	-40	-11.62	-77.49	-67.63	2.07	18.07	V
	28408	-49.99	-40	-9.99	-77.33	-67.23	2.32	19.56	V
									V



Middle	7232	-51.95	-40	-11.95	-54.33	-61.63	1.85	11.53	H
	10848	-57.61	-40	-17.61	-59.94	-65.94	2.57	10.90	H
	14464	-56.79	-40	-16.79	-64.06	-65.02	2.85	11.09	H
	18080	-49.28	-40	-9.28	-67.39	-65.51	1.76	17.98	H
	21696	-53.21	-40	-13.21	-74.73	-70.00	1.99	18.78	H
	25312	-51.27	-40	-11.27	-76.43	-67.87	2.14	18.74	H
									H
	7232	-51.11	-40	-11.11	-53.22	-60.79	1.85	11.53	V
	10848	-56.97	-40	-16.97	-59.09	-65.30	2.57	10.90	V
	14464	-58.13	-40	-18.13	-64.57	-66.36	2.85	11.09	V
	18080	-54.93	-40	-14.93	-72.11	-71.16	1.76	17.98	V
	21696	-53.92	-40	-13.92	-75.43	-70.71	1.99	18.78	V
	25312	-50.54	-40	-10.54	-76.96	-67.14	2.14	18.74	V
									V
Highest	7362	-53.86	-40	-13.86	-56.19	-63.27	1.92	11.32	H
	11043	-58.27	-40	-18.27	-60.74	-66.59	2.63	10.95	H
	14724	-56.31	-40	-16.31	-65.15	-65.11	2.91	11.72	H
	18405	-53.64	-40	-13.64	-71.96	-69.69	1.87	17.92	H
	22086	-52.03	-40	-12.03	-74.2	-68.82	2.08	18.87	H
	25767	-51.30	-40	-11.30	-77.29	-68.32	2.03	19.05	H
									H
	7362	-51.98	-40	-11.98	-54.13	-61.39	1.92	11.32	V
	11043	-58.44	-40	-18.44	-60.75	-66.76	2.63	10.95	V
	14724	-57.46	-40	-17.46	-64.6	-66.26	2.91	11.72	V
	18405	-55.47	-40	-15.47	-72.91	-71.52	1.87	17.92	V
	22086	-52.28	-40	-12.28	-74.45	-69.07	2.08	18.87	V
	25767	-50.21	-40	-10.21	-77.39	-67.23	2.03	19.05	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 48 (MIMO Ant. 0+1)**

LTE Band 48 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7120	-43.63	-40	-3.63	-45.68	-53.55	1.78	11.71	H
	10655	-58.23	-40	-18.23	-60.51	-66.66	2.47	10.90	H
	14205	-56.41	-40	-16.41	-63.47	-65.25	2.87	11.71	H
	21306	-53.88	-40	-13.88	-75.57	-70.60	1.98	18.70	H
	24857	-52.54	-40	-12.54	-77.2	-68.55	2.07	18.07	H
	28408	-51.58	-40	-11.58	-77.1	-68.82	2.32	19.56	H
									H
	7120	-43.38	-40	-3.38	-45.06	-53.30	1.78	11.71	V
	10655	-56.18	-40	-16.18	-58.2	-64.61	2.47	10.90	V
	14205	-56.71	-40	-16.71	-63.49	-65.55	2.87	11.71	V
	21306	-53.81	-40	-13.81	-75.51	-70.53	1.98	18.70	V
	24857	-51.58	-40	-11.58	-77.45	-67.59	2.07	18.07	V
	28408	-49.26	-40	-9.26	-76.6	-66.50	2.32	19.56	V
									V
Middle	7230	-47.64	-40	-7.64	-50.01	-57.33	1.84	11.53	H
	10850	-57.74	-40	-17.74	-60.07	-66.07	2.57	10.90	H
	14462	-56.78	-40	-16.78	-64.05	-65.02	2.85	11.09	H
	18080	-54.37	-40	-14.37	-72.48	-70.60	1.76	17.98	H
	21696	-53.40	-40	-13.40	-74.92	-70.19	1.99	18.78	H
	25312	-51.00	-40	-11.00	-76.16	-67.60	2.14	18.74	H
									H
	7230	-49.67	-40	-9.67	-51.78	-59.36	1.84	11.53	V
	10850	-56.11	-40	-16.11	-58.23	-64.44	2.57	10.90	V
	14462	-58.22	-40	-18.22	-64.67	-66.46	2.85	11.09	V
	18080	-55.77	-40	-15.77	-72.95	-72.00	1.76	17.98	V
	21696	-53.75	-40	-13.75	-75.26	-70.54	1.99	18.78	V
	25312	-50.16	-40	-10.16	-76.58	-66.76	2.14	18.74	V
									V



Highest	7380	-49.80	-40	-9.80	-52.12	-59.17	1.93	11.29	H
	11045	-54.71	-40	-14.71	-57.19	-63.03	2.63	10.95	H
	14724	-56.71	-40	-16.71	-65.55	-65.51	2.91	11.72	H
	18405	-54.95	-40	-14.95	-73.27	-71.00	1.87	17.92	H
	22086	-52.16	-40	-12.16	-74.33	-68.95	2.08	18.87	H
	25767	-51.47	-40	-11.47	-77.46	-68.49	2.03	19.05	H
									H
	7380	-44.68	-40	-4.68	-46.83	-54.05	1.93	11.29	V
	11045	-53.41	-40	-13.41	-55.72	-61.73	2.63	10.95	V
	14724	-58.20	-40	-18.20	-65.37	-67.00	2.91	11.72	V
	18405	-55.97	-40	-15.97	-73.41	-72.02	1.87	17.92	V
	22086	-50.90	-40	-10.90	-73.07	-67.69	2.08	18.87	V
	25767	-49.90	-40	-9.90	-77.08	-66.92	2.03	19.05	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 48CA (MIMO Ant. 0+1)**

LTE Band 48CA / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7120	-52.29	-40	-12.29	-54.6	-62.22	1.78	11.71	H
	10705	-58.08	-40	-18.08	-60.37	-66.48	2.50	10.90	H
	14275	-56.08	-40	-16.08	-63.19	-64.76	2.86	11.54	H
	21413	-54.05	-40	-14.05	-75.62	-70.80	1.95	18.70	H
	24982	-52.69	-40	-12.69	-77.35	-68.88	2.08	18.27	H
	28551	-50.34	-40	-10.34	-75.83	-67.57	2.31	19.54	H
									H
	7120	-50.68	-40	-10.68	-52.67	-60.61	1.78	11.71	V
	10705	-59.15	-40	-19.15	-61.2	-67.55	2.50	10.90	V
	14275	-56.59	-40	-16.59	-63.27	-65.27	2.86	11.54	V
	21413	-54.02	-40	-14.02	-75.52	-70.77	1.95	18.70	V
	24982	-50.84	-40	-10.84	-76.65	-67.03	2.08	18.27	V
	28551	-49.70	-40	-9.70	-77.06	-66.93	2.31	19.54	V
									V
Middle	7270	-49.98	-40	-9.98	-52.34	-59.58	1.87	11.47	H
	10870	-58.30	-40	-18.30	-60.63	-66.62	2.58	10.90	H
	14496	-57.93	-40	-17.93	-65.23	-66.09	2.85	11.01	H
	18120	-54.48	-40	-14.48	-72.61	-70.69	1.77	17.98	H
	21744	-53.89	-40	-13.89	-75.46	-70.68	2.01	18.80	H
	25368	-50.66	-40	-10.66	-75.91	-67.33	2.15	18.82	H
									H
	7270	-52.34	-40	-12.34	-54.46	-61.94	1.87	11.47	V
	10870	-58.56	-40	-18.56	-60.69	-66.88	2.58	10.90	V
	14496	-58.64	-40	-18.64	-65.04	-66.80	2.85	11.01	V
	18120	-55.63	-40	-15.63	-72.84	-71.84	1.77	17.98	V
	21744	-54.17	-40	-14.17	-75.73	-70.96	2.01	18.80	V
	25368	-50.06	-40	-10.06	-76.59	-66.73	2.15	18.82	V
									V



Highest	7380	-52.17	-40	-12.17	-54.45	-61.53	1.93	11.29	H
	11037	-58.32	-40	-18.32	-60.77	-66.63	2.63	10.94	H
	14716	-56.51	-40	-16.51	-65.29	-65.29	2.91	11.69	H
	18396	-54.33	-40	-14.33	-72.63	-70.39	1.86	17.92	H
	22075	-52.05	-40	-12.05	-74.17	-68.84	2.08	18.87	H
	25754	-51.32	-40	-11.32	-77.28	-68.33	2.04	19.05	H
									H
	7380	-50.46	-40	-10.46	-52.55	-59.82	1.93	11.29	V
	11037	-58.09	-40	-18.09	-60.37	-66.40	2.63	10.94	V
	14716	-58.02	-40	-18.02	-65.17	-66.80	2.91	11.69	V
	18396	-55.63	-40	-15.63	-73.06	-71.69	1.86	17.92	V
	22075	-52.47	-40	-12.47	-74.59	-69.26	2.08	18.87	V
	25754	-49.86	-40	-9.86	-77.01	-66.87	2.04	19.05	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.