

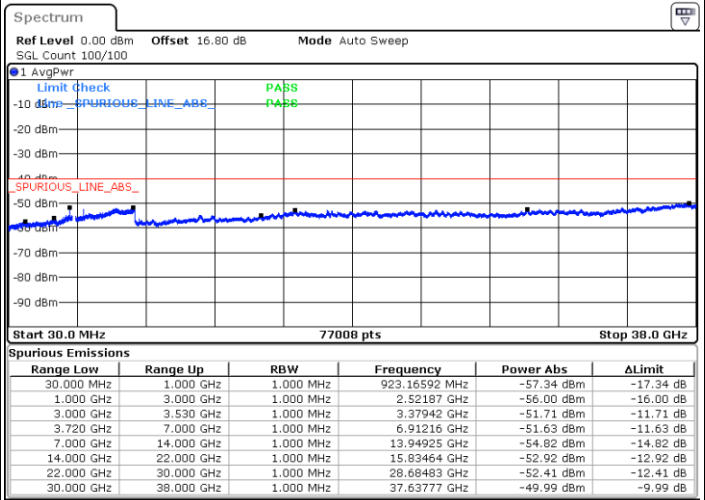
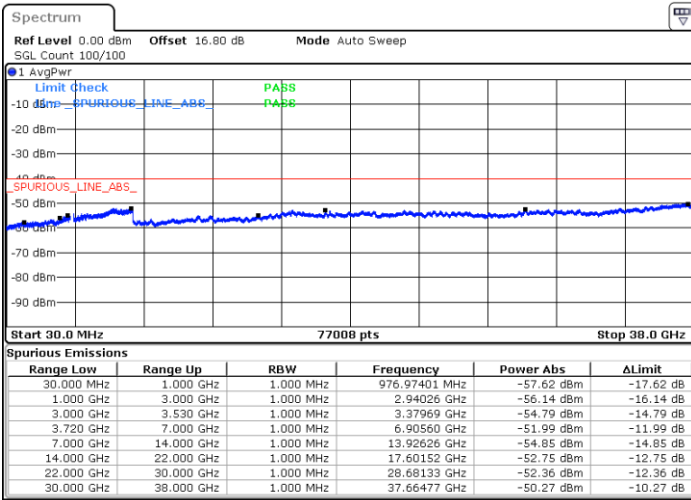


LTE Band 48C / 15MHz+20MHz

256QAM

Middle Channel / 1RB0 and 1RB9

Middle Channel / 1RB74 and 1RB0

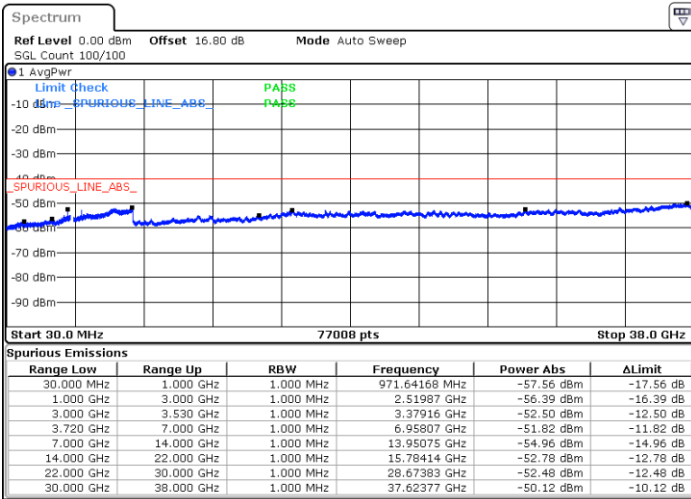


Date: 12.JUL.2020 15:49:54

Date: 12.JUL.2020 15:48:31

Middle Channel / FullIRB

N/A



Date: 12.JUL.2020 15:51:18

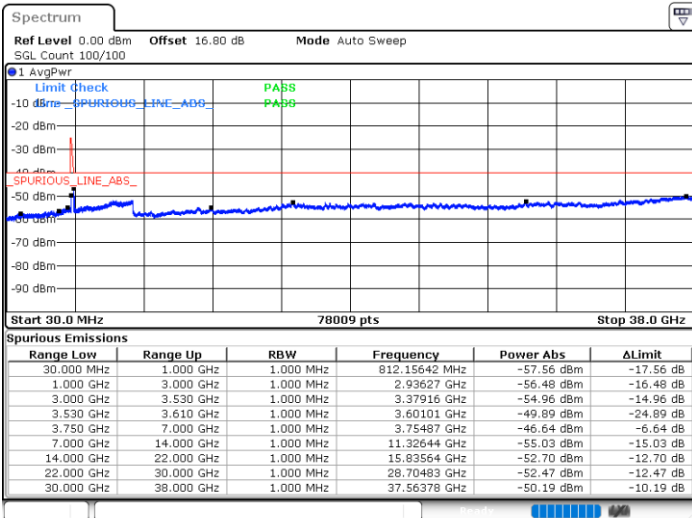


LTE Band 48C / 15MHz+20MHz

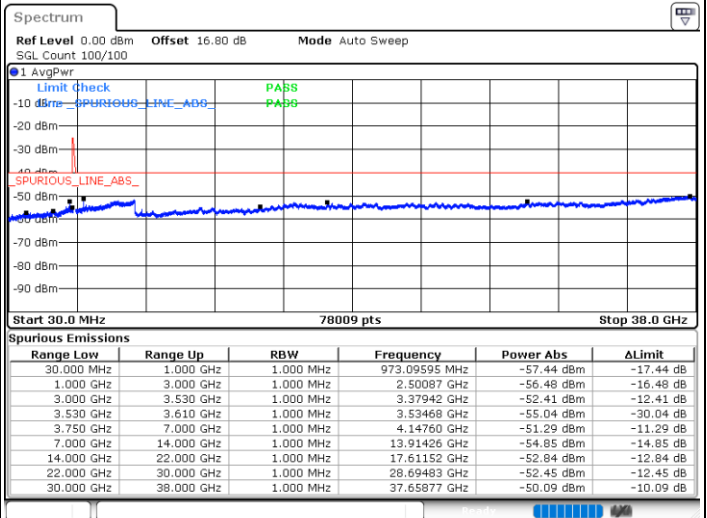
256QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



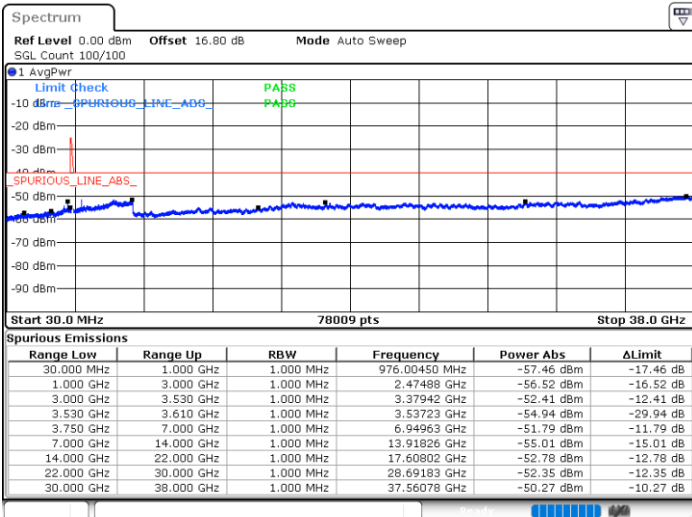
Date: 12.JUL.2020 14:55:02



Date: 12.JUL.2020 14:53:38

Highest Channel / FullIRB

N/A



Date: 12.JUL.2020 14:56:27

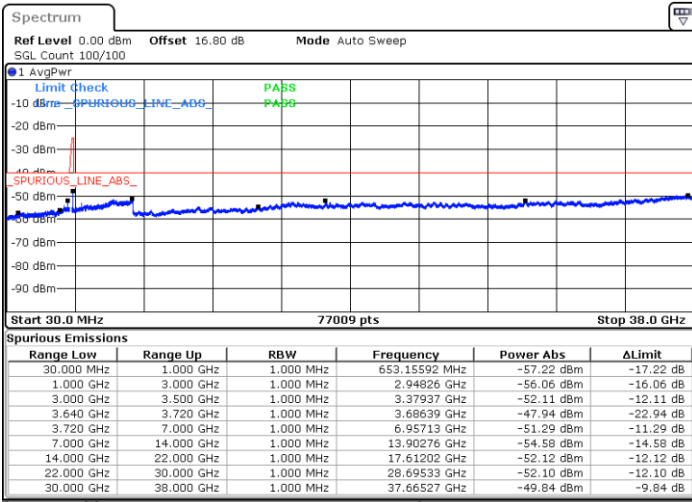


LTE Band 48C / 20MHz+5MHz

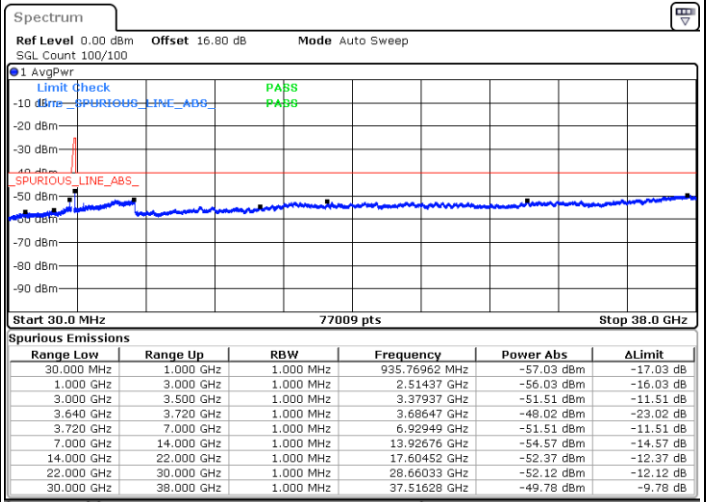
256QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



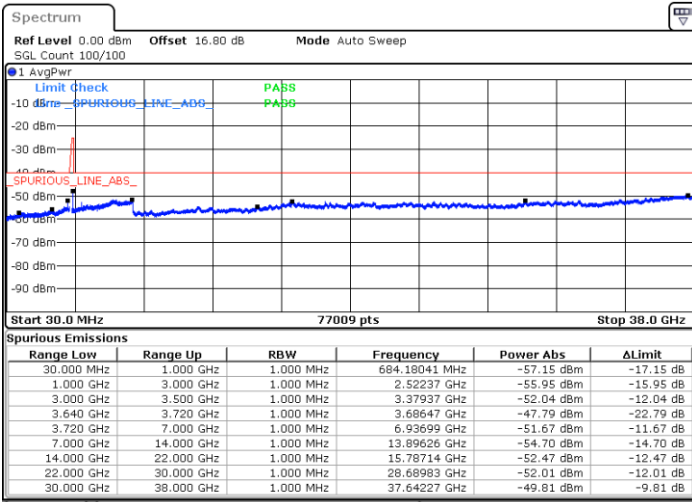
Date: 10.JUL.2020 16:53:08



Date: 10.JUL.2020 16:51:44

Lowest Channel / FullRB

N/A



Date: 10.JUL.2020 16:54:32

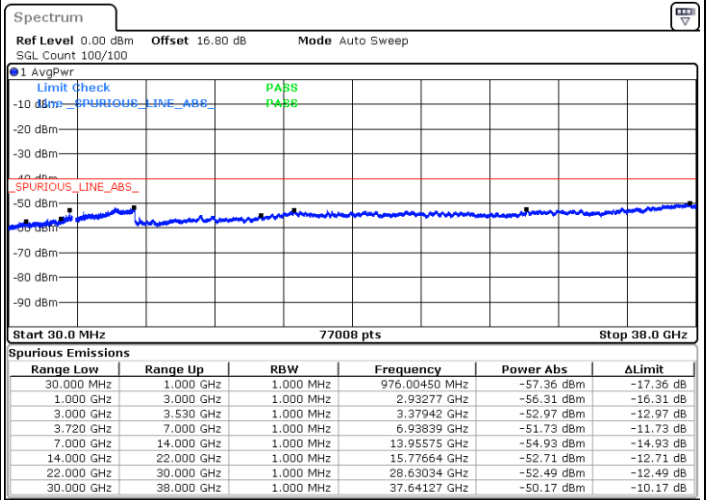
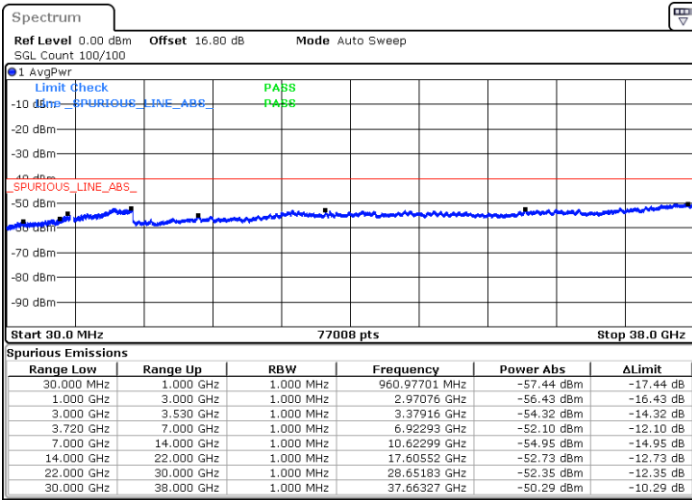


LTE Band 48C / 20MHz+5MHz

256QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0

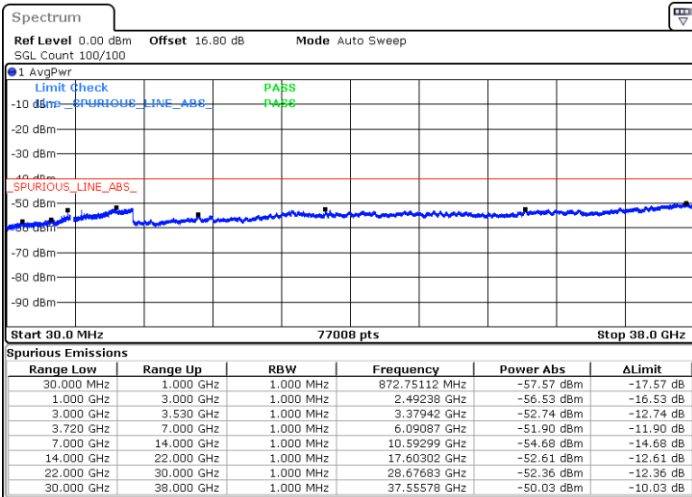


Date: 11.JUL.2020 18:51:03

Date: 11.JUL.2020 18:52:26

Middle Channel / FullIRB

N/A



Date: 11.JUL.2020 18:49:38

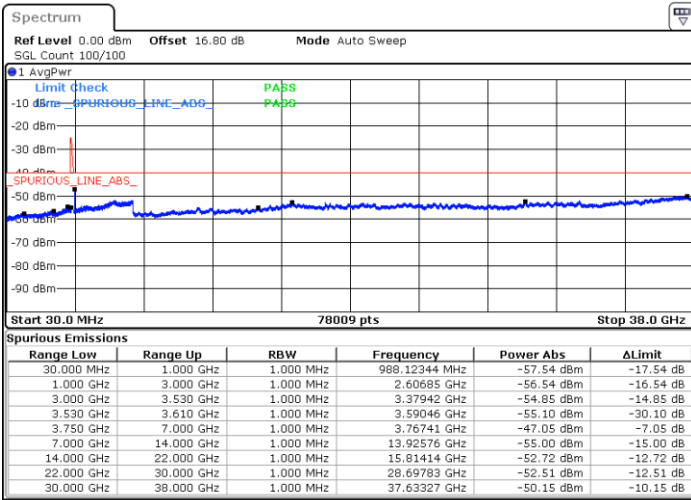


LTE Band 48C / 20MHz+5MHz

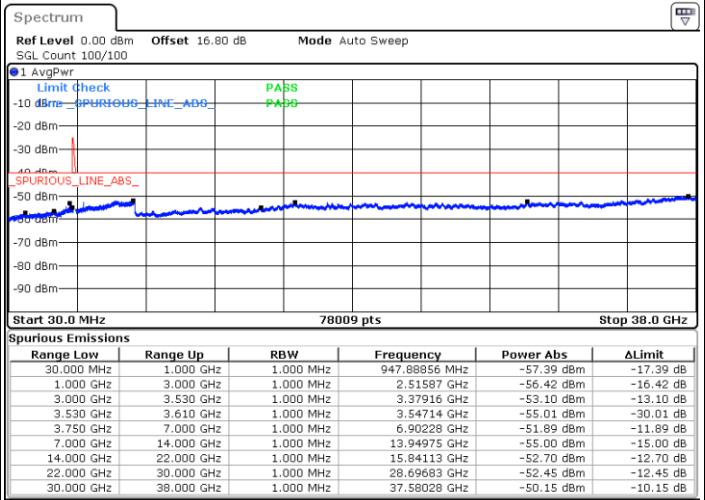
256QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



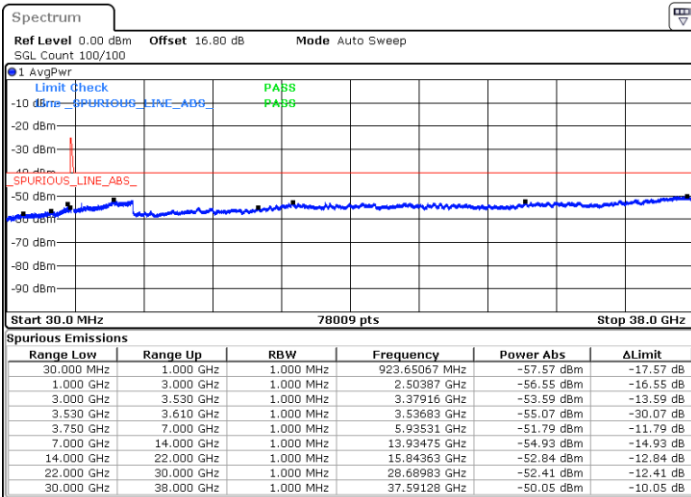
Date: 11.JUL.2020 18:03:56



Date: 11.JUL.2020 18:02:31

Highest Channel / FullIRB

N/A



Date: 11.JUL.2020 18:05:21

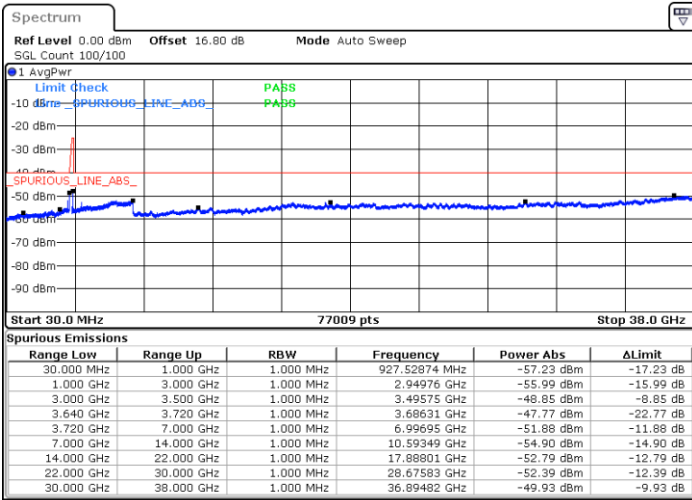


LTE Band 48C / 20MHz+10MHz

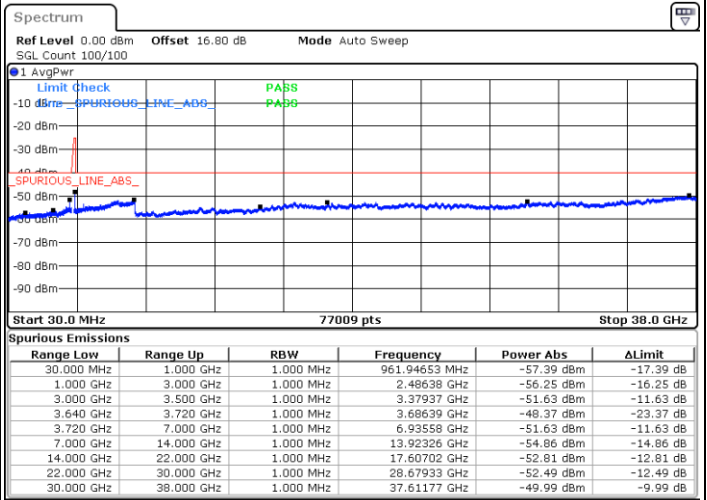
256QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



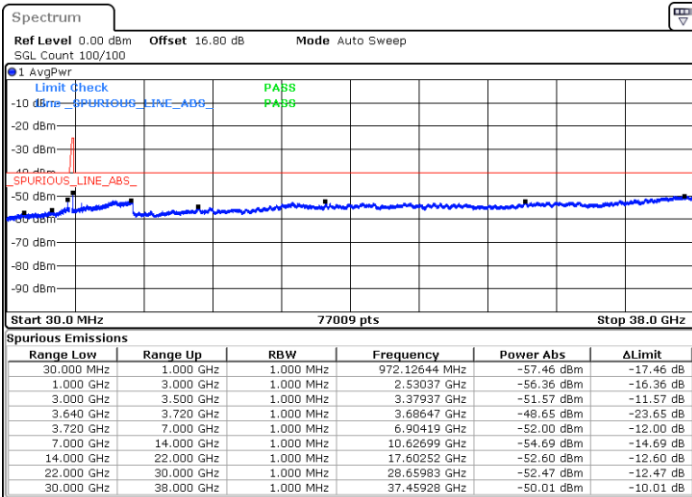
Date: 11.JUL.2020 23:11:10



Date: 11.JUL.2020 23:09:46

Lowest Channel / FullIRB

N/A



Date: 11.JUL.2020 23:12:35

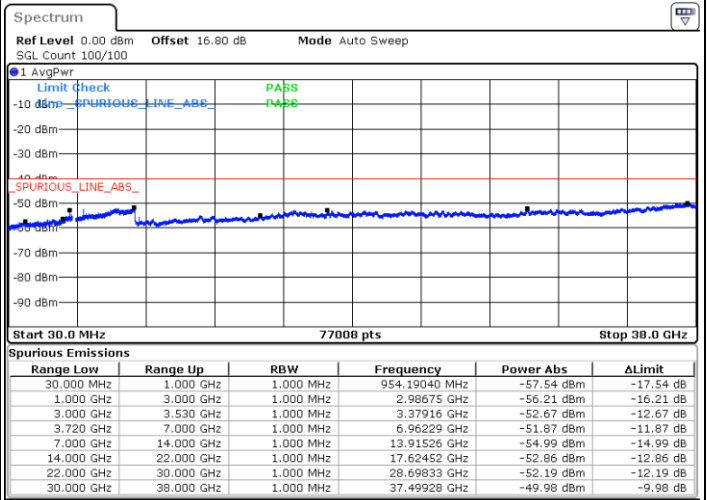
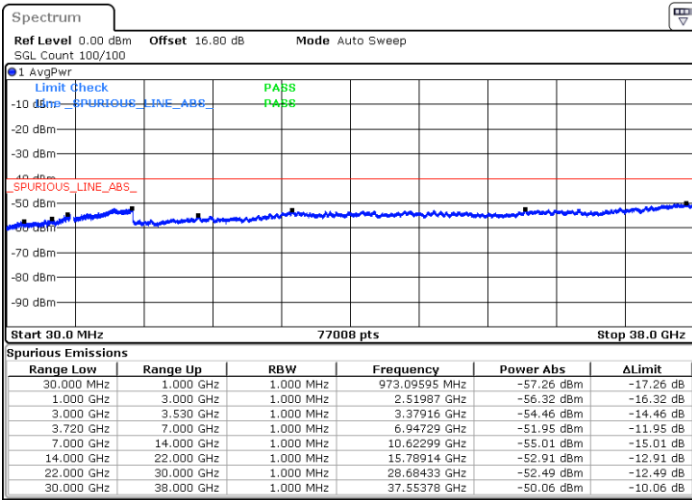


LTE Band 48C / 20MHz+10MHz

256QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0

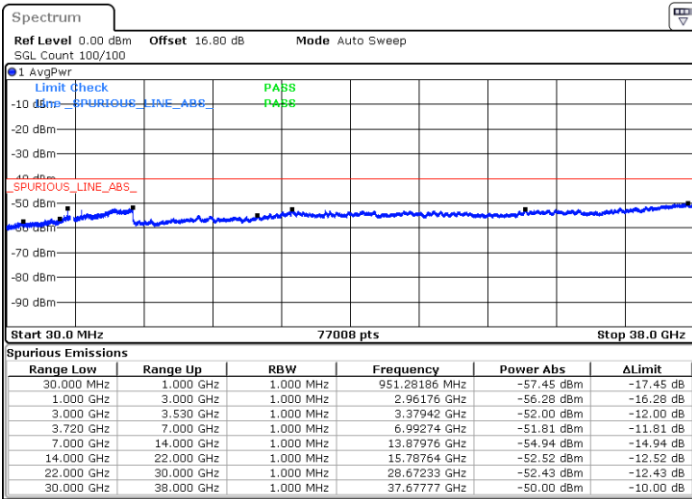


Date: 12.JUL.2020 11:02:12

Date: 12.JUL.2020 11:00:48

Middle Channel / FullIRB

N/A



Date: 12.JUL.2020 11:03:36

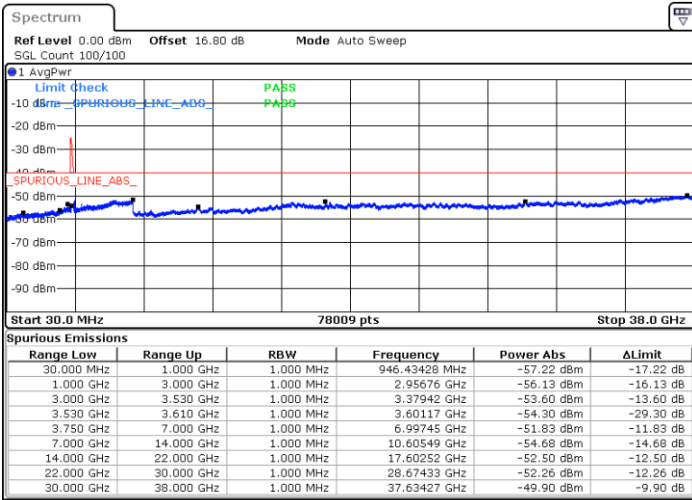


LTE Band 48C / 20MHz+10MHz

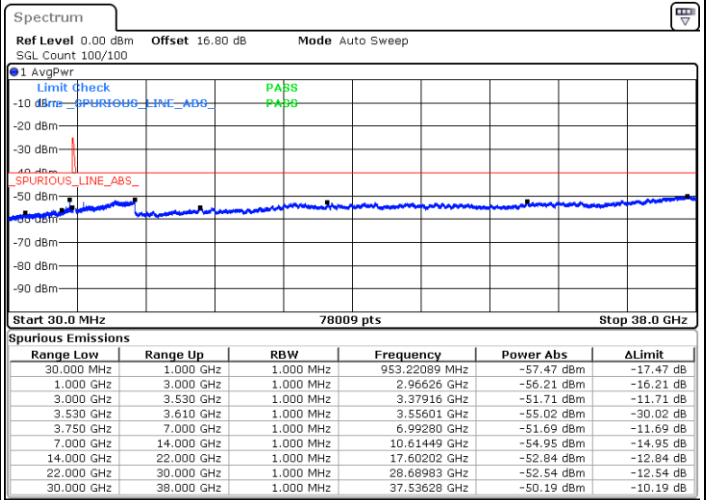
256QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



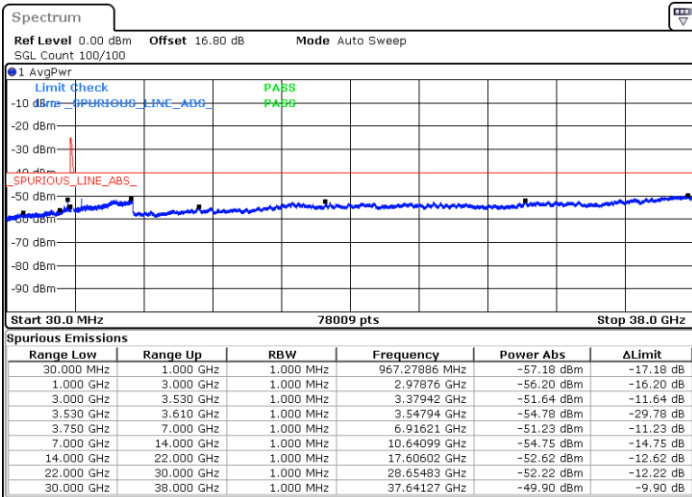
Date: 12.JUL.2020 10:12:14



Date: 12.JUL.2020 00:02:11

Highest Channel / FullIRB

N/A



Date: 12.JUL.2020 10:13:37



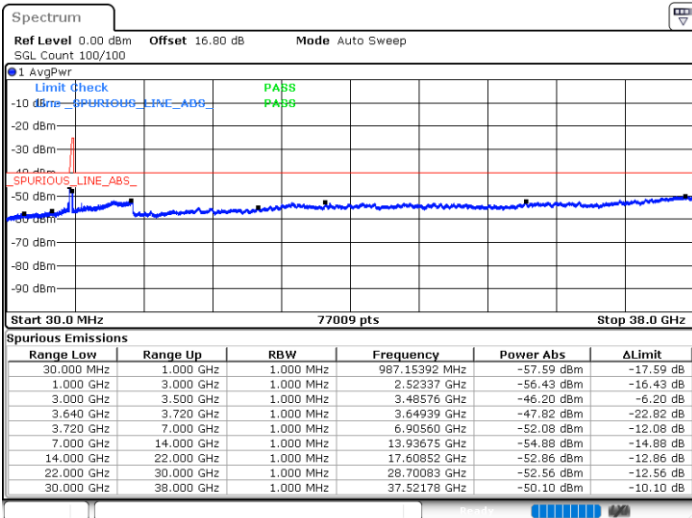


LTE Band 48C / 20MHz+15MHz

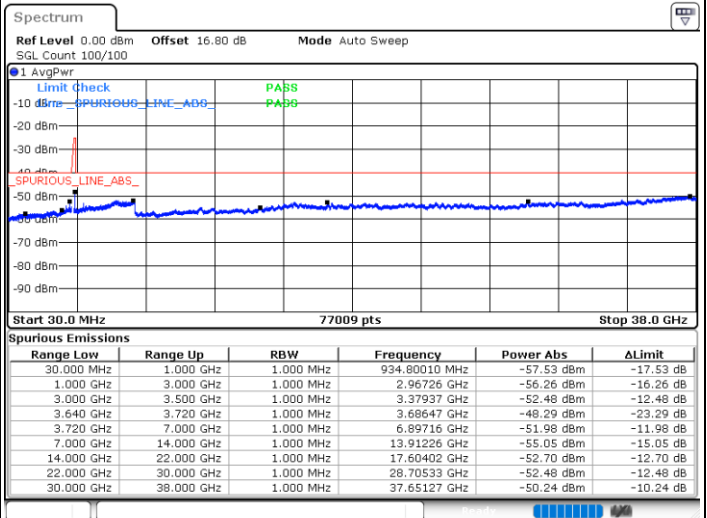
256QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



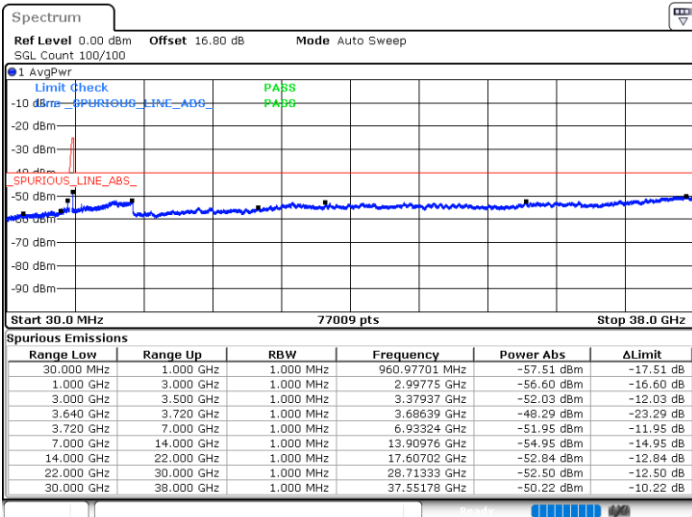
Date: 12.JUL.2020 18:11:18



Date: 12.JUL.2020 18:09:54

Lowest Channel / FullIRB

N/A



Date: 12.JUL.2020 18:12:42

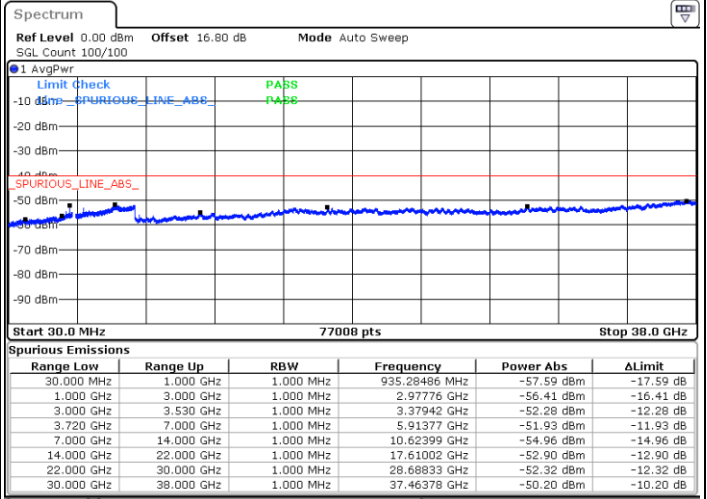
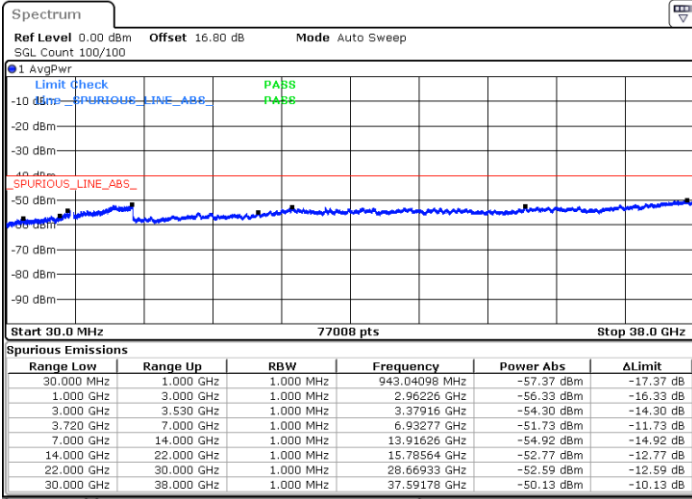


LTE Band 48C / 20MHz+15MHz

256QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0

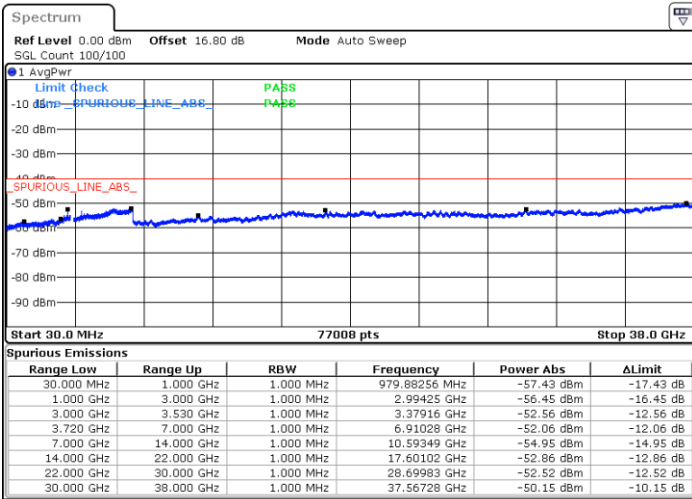


Date: 12.JUL.2020 20:00:53

Date: 12.JUL.2020 19:59:30

Middle Channel / FullIRB

N/A



Date: 12.JUL.2020 20:02:18

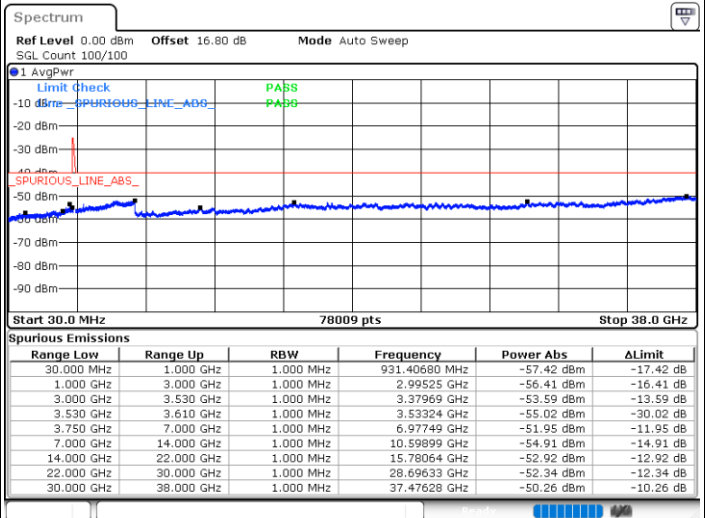
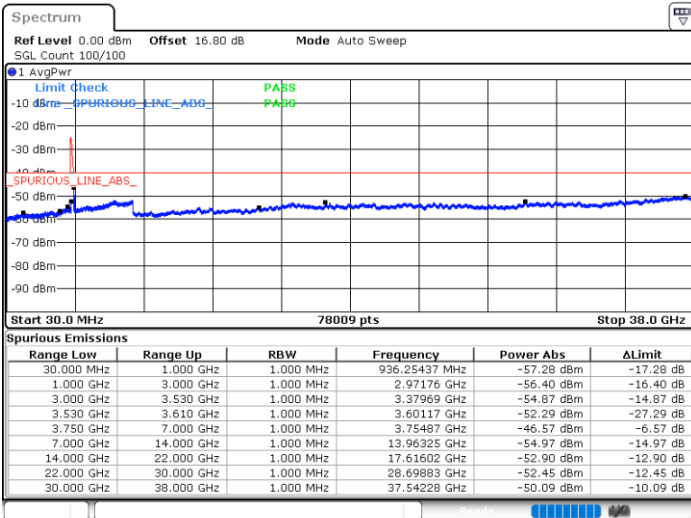


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0

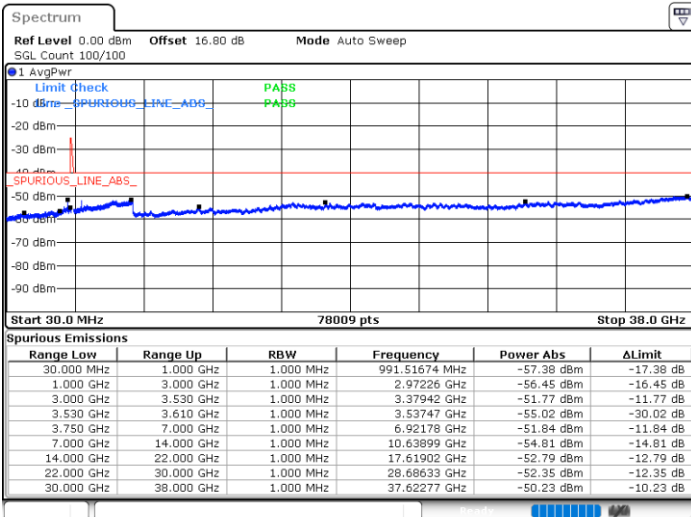


Date: 12.JUL.2020 19:04:59

Date: 12.JUL.2020 19:03:35

Highest Channel / FullIRB

N/A



Date: 12.JUL.2020 19:06:23

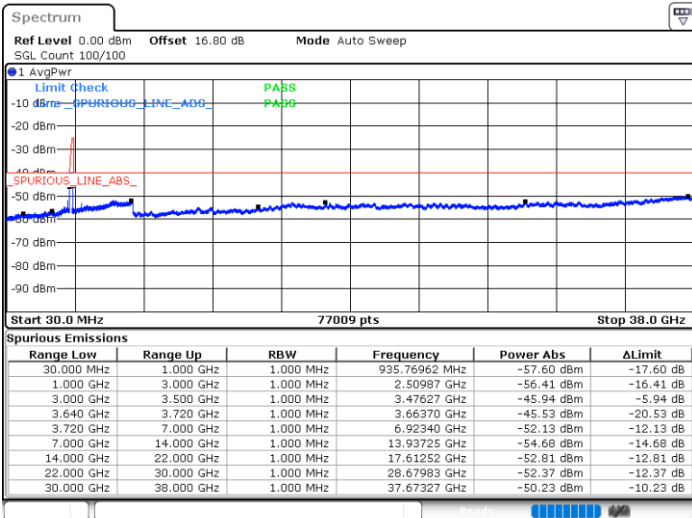


LTE Band 48C / 20MHz+20MHz

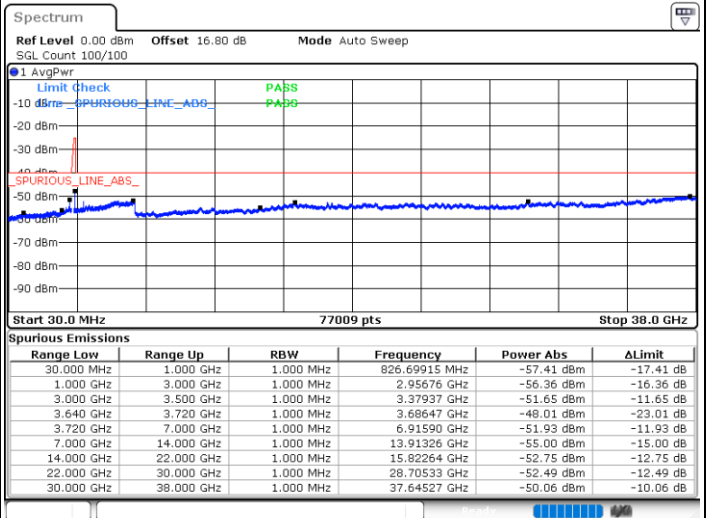
256QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



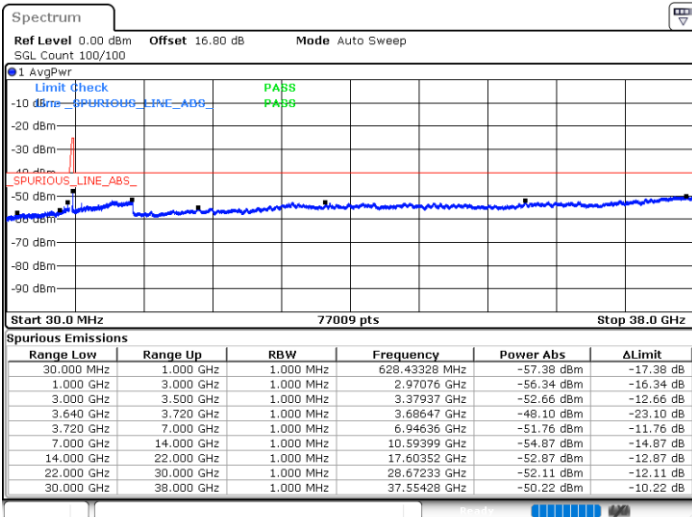
Date: 12.JUL.2020 16:16:31



Date: 12.JUL.2020 16:15:07

Lowest Channel / FullIRB

N/A



Date: 12.JUL.2020 16:17:55

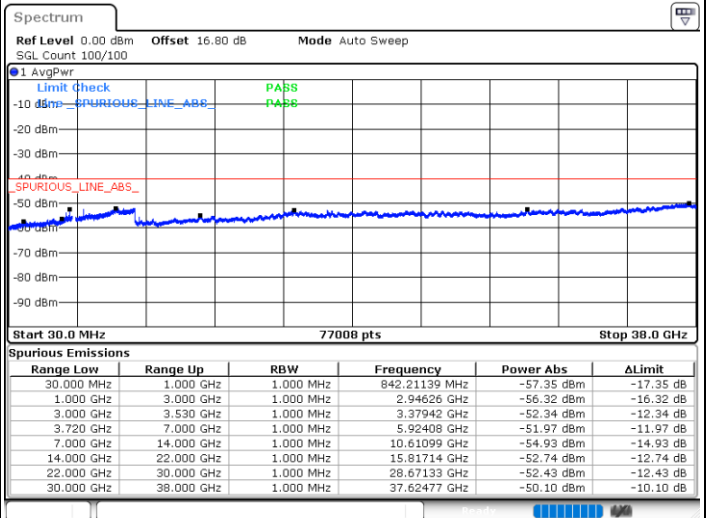
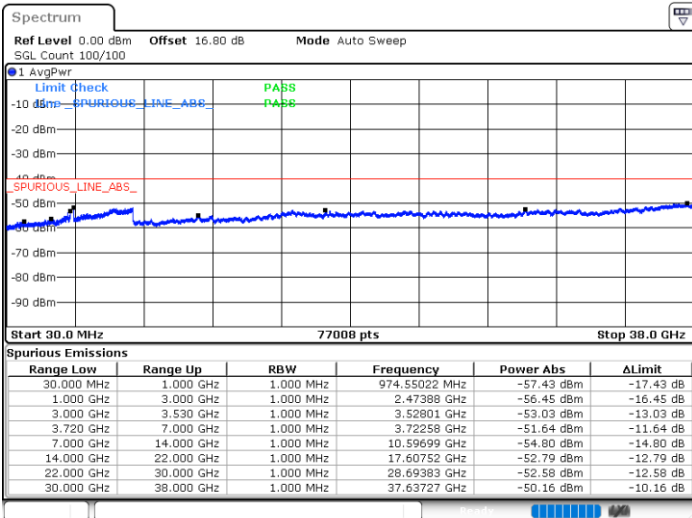


LTE Band 48C / 20MHz+20MHz

256QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0

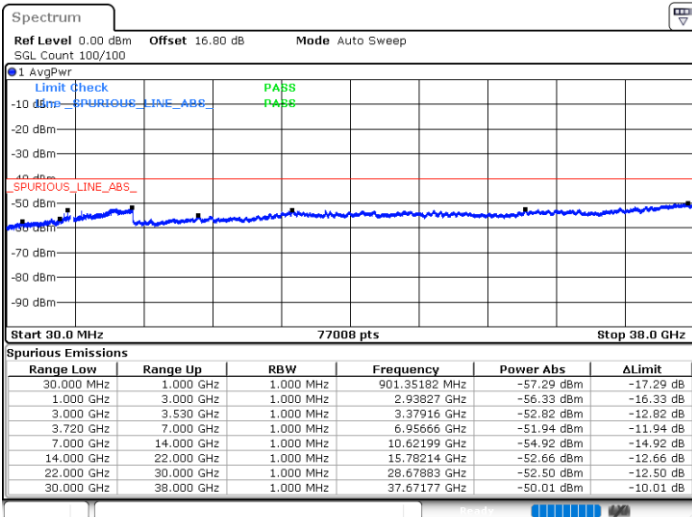


Date: 12.JUL.2020 16:42:39

Date: 12.JUL.2020 16:41:16

Middle Channel / FullIRB

N/A



Date: 12.JUL.2020 16:44:03

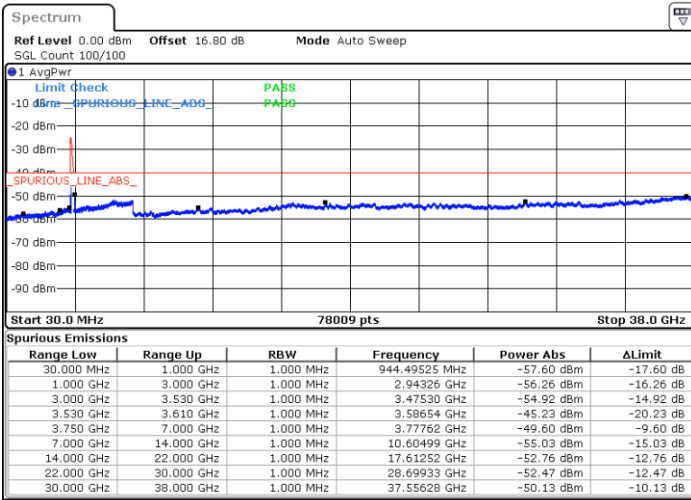


LTE Band 48C / 20MHz+20MHz

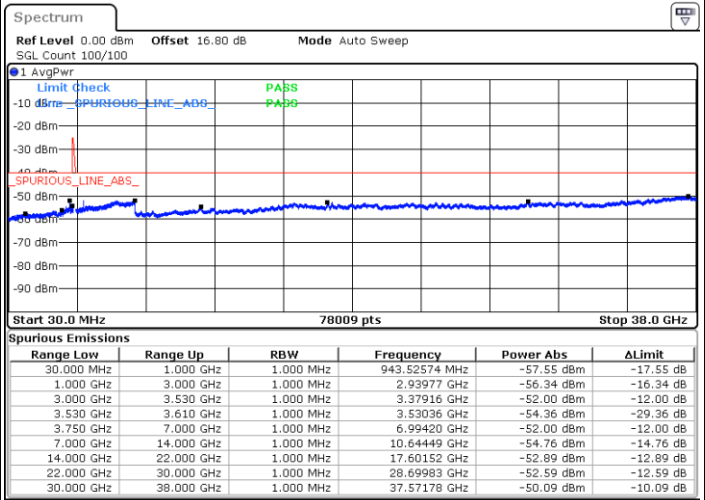
256QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



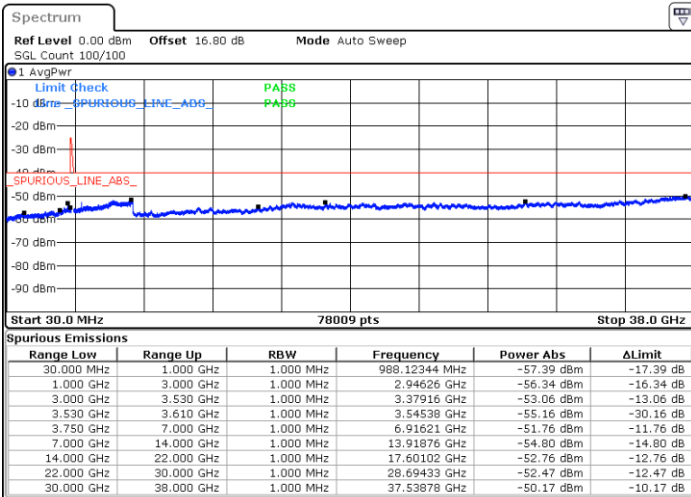
Date: 12.JUL.2020 17:09:22



Date: 12.JUL.2020 17:07:58

Highest Channel / FullIRB

N/A



Date: 12.JUL.2020 17:10:46



## Appendix B. Test Results of EIRP and Radiated Test

### EIRP

<Reporting Only>

LTE Band 48 / 5MHz (Average) (GT - LC = 3.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.25	0.0841	22.65	0.1841
Middle		1	0	18.76	0.0752	22.16	0.1644
Highest		1	0	18.99	0.0793	22.39	0.1734
Lowest	16QAM	1	0	18.62	0.0728	22.02	0.1592
Middle		1	0	18.12	0.0649	21.52	0.1419
Highest		1	0	18.35	0.0684	21.75	0.1496
Lowest	64QAM	1	0	17.40	0.0550	20.80	0.1202
Middle		1	0	16.90	0.0490	20.30	0.1072
Highest		1	0	17.20	0.0525	20.60	0.1148
Lowest	256QAM	12	7	14.37	0.0274	17.77	0.0598
Middle		12	7	14.04	0.0254	17.44	0.0555
Highest		12	7	14.10	0.0257	17.50	0.0562

LTE Band 48 / 10MHz (Average) (GT - LC = 3.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.18	0.0828	22.58	0.1811
Middle		1	0	18.66	0.0735	22.06	0.1607
Highest		1	0	18.82	0.0762	22.22	0.1667
Lowest	16QAM	1	0	18.55	0.0716	21.95	0.1567
Middle		1	0	18.07	0.0641	21.47	0.1403
Highest		1	0	18.19	0.0659	21.59	0.1442
Lowest	64QAM	1	0	17.35	0.0543	20.75	0.1189
Middle		1	0	16.85	0.0484	20.25	0.1059
Highest		1	0	16.96	0.0497	20.36	0.1086
Lowest	256QAM	25	0	14.47	0.0280	17.87	0.0612
Middle		25	0	14.01	0.0252	17.41	0.0551
Highest		25	0	14.17	0.0261	17.57	0.0571



LTE Band 48 / 15MHz (Average) (GT - LC = 3.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.11	0.0815	22.51	0.1782
Middle		1	0	18.70	0.0741	22.10	0.1622
Highest		1	0	18.73	0.0746	22.13	0.1633
Lowest	16QAM	1	0	18.42	0.0695	21.82	0.1521
Middle		1	0	17.99	0.0630	21.39	0.1377
Highest		1	0	18.06	0.0640	21.46	0.1400
Lowest	64QAM	1	37	17.12	0.0515	20.52	0.1127
Middle		1	37	16.75	0.0473	20.15	0.1035
Highest		1	37	16.92	0.0492	20.32	0.1076
Lowest	256QAM	36	0	14.35	0.0272	17.75	0.0596
Middle		36	0	13.98	0.0250	17.38	0.0547
Highest		36	0	14.06	0.0255	17.46	0.0557

LTE Band 48 / 20MHz (Average) (GT - LC = 3.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.30	0.0851	22.70	0.1862
Middle		1	0	18.90	0.0776	22.30	0.1698
Highest		1	0	18.94	0.0783	22.34	0.1714
Lowest	16QAM	1	0	18.36	0.0685	21.76	0.1500
Middle		1	0	17.94	0.0622	21.34	0.1361
Highest		1	0	18.02	0.0634	21.42	0.1387
Lowest	64QAM	1	0	17.11	0.0514	20.51	0.1125
Middle		1	0	16.69	0.0467	20.09	0.1021
Highest		1	0	16.74	0.0472	20.14	0.1033
Lowest	256QAM	50	0	14.44	0.0278	17.84	0.0608
Middle		50	0	14.00	0.0251	17.40	0.0550
Highest		50	0	14.12	0.0258	17.52	0.0565





**EIRP Power**

LTE Band 48 / Conducted Power												
BW	1.4MHz				3MHz				5MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	-	-	19.25	18.62	17.4	14.37
Middle CH	-	-	-	-	-	-	-	-	18.76	18.12	16.9	14.04
Highest CH	-	-	-	-	-	-	-	-	18.99	18.35	17.2	14.1

LTE Band 48 / Conducted Power												
BW	10MHz				15MHz				20MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	19.18	18.55	17.35	14.47	19.11	18.42	17.12	14.35	19.30	18.36	17.11	14.44
Middle CH	18.66	18.07	16.85	14.01	18.70	17.99	16.75	13.98	18.90	17.94	16.69	14.00
Highest CH	18.82	18.19	16.96	14.17	18.73	18.06	16.92	14.06	18.94	18.02	16.74	14.12

LTE Band 48 / EIRP Power												
BW	1.4MHz				3MHz				5MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	-	-	22.65	22.02	20.8	17.77
Middle CH	-	-	-	-	-	-	-	-	22.16	21.52	20.3	17.44
Highest CH	-	-	-	-	-	-	-	-	22.39	21.75	20.6	17.5

LTE Band 48 / EIRP Power												
BW	10MHz				15MHz				20MHz			
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Lowest CH	22.58	21.95	20.75	17.87	22.51	21.82	20.52	17.75	22.70	21.76	20.51	17.84
Middle CH	22.06	21.47	20.25	17.41	22.10	21.39	20.15	17.38	22.30	21.34	20.09	17.40
Highest CH	22.22	21.59	20.36	17.57	22.13	21.46	20.32	17.46	22.34	21.42	20.14	17.52
Antenna Gain	3.4 dBi											
Limit	23dBm / 10MHz											
Result	Pass											



LTE Band 48C_CA / 20 + 20 MHz (GT - LC = 3.4 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
		Size	Offset	Size	Offset				
Lowest	QPSK	1	99	1	0	18.96	0.0787	22.36	0.1722
Middle		1	99	1	0	18.60	0.0724	22.00	0.1585
Highest		1	99	1	0	18.75	0.0750	22.15	0.1641
Lowest	16QAM	1	99	1	0	18.51	0.0710	21.91	0.1552
Middle		1	99	1	0	18.11	0.0647	21.51	0.1416
Highest		1	99	1	0	18.30	0.0676	21.70	0.1479
Lowest	64QAM	1	99	1	0	17.18	0.0522	20.58	0.1143
Middle		1	99	1	0	16.84	0.0483	20.24	0.1057
Highest		1	99	1	0	16.95	0.0495	20.35	0.1084
Lowest	256QAM	1	99	1	0	14.18	0.0262	17.58	0.0573
Middle		1	99	1	0	13.90	0.0245	17.30	0.0537
Highest		1	99	1	0	14.01	0.0252	17.41	0.0551
Limit	EIRP < 0.2W					Result		PASS	

LTE Band 48C_CA / 20 + 15 MHz (GT - LC = 3.4 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
		Size	Offset	Size	Offset				
Lowest	QPSK	1	99	1	0	18.91	0.0778	22.31	0.1702
Middle		1	99	1	0	18.63	0.0729	22.03	0.1596
Highest		1	99	1	0	18.80	0.0759	22.20	0.1660
Lowest	16QAM	1	99	1	0	18.46	0.0701	21.86	0.1535
Middle		1	99	1	0	18.19	0.0659	21.59	0.1442
Highest		1	99	1	0	18.38	0.0689	21.78	0.1507
Lowest	64QAM	1	99	1	0	17.23	0.0528	20.63	0.1156
Middle		1	99	1	0	16.93	0.0493	20.33	0.1079
Highest		1	99	1	0	17.07	0.0509	20.47	0.1114
Lowest	256QAM	1	99	1	0	14.25	0.0266	17.65	0.0582
Middle		1	99	1	0	13.95	0.0248	17.35	0.0543
Highest		1	99	1	0	14.11	0.0258	17.51	0.0564
Limit	EIRP < 0.2W					Result		PASS	

LTE Band 48C_CA / 15 + 20 MHz (GT - LC = 3.4 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
		Size	Offset	Size	Offset				
Lowest	QPSK	1	74	1	0	18.89	0.0774	22.29	0.1694
Middle		1	74	1	0	18.66	0.0735	22.06	0.1607
Highest		1	74	1	0	18.76	0.0752	22.16	0.1644
Lowest	16QAM	1	74	1	0	18.54	0.0714	21.94	0.1563
Middle		1	74	1	0	18.21	0.0662	21.61	0.1449
Highest		1	74	1	0	18.33	0.0681	21.73	0.1489
Lowest	64QAM	1	74	1	0	17.29	0.0536	20.69	0.1172
Middle		1	74	1	0	16.93	0.0493	20.33	0.1079
Highest		1	74	1	0	17.06	0.0508	20.46	0.1112
Lowest	256QAM	1	74	1	0	14.26	0.0267	17.66	0.0583
Middle		1	74	1	0	13.94	0.0248	17.34	0.0542
Highest		1	74	1	0	14.02	0.0252	17.42	0.0552
Limit	EIRP < 0.2W					Result		PASS	



LTE Band 48C_CA / 20 + 10 MHz (GT - LC = 3.4 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
		Size	Offset	Size	Offset				
Lowest	QPSK	1	99	1	0	18.92	0.0780	22.32	0.1706
Middle		1	99	1	0	18.66	0.0735	22.06	0.1607
Highest		1	99	1	0	18.83	0.0764	22.23	0.1671
Lowest	16QAM	1	99	1	0	18.50	0.0708	21.90	0.1549
Middle		1	99	1	0	18.22	0.0664	21.62	0.1452
Highest		1	99	1	0	18.39	0.0690	21.79	0.1510
Lowest	64QAM	1	99	1	0	17.27	0.0533	20.67	0.1167
Middle		1	99	1	0	16.95	0.0495	20.35	0.1084
Highest		1	99	1	0	17.12	0.0515	20.52	0.1127
Lowest	256QAM	1	99	1	0	14.26	0.0267	17.66	0.0583
Middle		1	99	1	0	13.94	0.0248	17.34	0.0542
Highest		1	99	1	0	14.11	0.0258	17.51	0.0564
Limit	EIRP < 0.2W					Result		PASS	

LTE Band 48C_CA / 10 + 20 MHz (GT - LC = 3.4 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
		Size	Offset	Size	Offset				
Lowest	QPSK	1	49	1	0	18.94	0.0783	22.34	0.1714
Middle		1	49	1	0	18.66	0.0735	22.06	0.1607
Highest		1	49	1	0	18.82	0.0762	22.22	0.1667
Lowest	16QAM	1	49	1	0	18.62	0.0728	22.02	0.1592
Middle		1	49	1	0	18.29	0.0675	21.69	0.1476
Highest		1	49	1	0	18.44	0.0698	21.84	0.1528
Lowest	64QAM	1	49	1	0	17.36	0.0545	20.76	0.1191
Middle		1	49	1	0	16.98	0.0499	20.38	0.1091
Highest		1	49	1	0	17.06	0.0508	20.46	0.1112
Lowest	256QAM	1	49	1	0	14.32	0.0270	17.72	0.0592
Middle		1	49	1	0	13.98	0.0250	17.38	0.0547
Highest		1	49	1	0	14.08	0.0256	17.48	0.0560
Limit	EIRP < 0.2W					Result		PASS	

LTE Band 48C_CA / 20 + 5 MHz (GT - LC = 3.4 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
		Size	Offset	Size	Offset				
Lowest	QPSK	1	99	1	0	18.91	0.0778	22.31	0.1702
Middle		1	99	1	0	18.68	0.0738	22.08	0.1614
Highest		1	99	1	0	18.85	0.0767	22.25	0.1679
Lowest	16QAM	1	99	1	0	18.51	0.0710	21.91	0.1552
Middle		1	99	1	0	18.28	0.0673	21.68	0.1472
Highest		1	99	1	0	18.48	0.0705	21.88	0.1542
Lowest	64QAM	1	99	1	0	17.23	0.0528	20.63	0.1156
Middle		1	99	1	0	16.94	0.0494	20.34	0.1081
Highest		1	99	1	0	17.16	0.0520	20.56	0.1138
Lowest	256QAM	1	99	1	0	14.30	0.0269	17.70	0.0589
Middle		1	99	1	0	13.97	0.0249	17.37	0.0546
Highest		1	99	1	0	14.15	0.0260	17.55	0.0569
Limit	EIRP < 0.2W					Result		PASS	



LTE Band 48C_CA / 5 + 20 MHz (GT - LC = 3.4 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
		Size	Offset	Size	Offset				
Lowest	QPSK	1	24	1	0	18.93	0.0782	22.33	0.1710
Middle		1	24	1	0	18.69	0.0740	22.09	0.1618
Highest		1	24	1	0	18.78	0.0755	22.18	0.1652
Lowest	16QAM	1	24	1	0	18.58	0.0721	21.98	0.1578
Middle		1	24	1	0	18.22	0.0664	21.62	0.1452
Highest		1	24	1	0	18.34	0.0682	21.74	0.1493
Lowest	64QAM	1	24	1	0	17.26	0.0532	20.66	0.1164
Middle		1	24	1	0	16.91	0.0491	20.31	0.1074
Highest		1	24	1	0	17.06	0.0508	20.46	0.1112
Lowest	256QAM	1	24	1	0	14.28	0.0268	17.68	0.0586
Middle		1	24	1	0	13.91	0.0246	17.31	0.0538
Highest		1	24	1	0	14.01	0.0252	17.41	0.0551
Limit	EIRP < 0.2W					Result		PASS	



**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	18.96	18.51	17.18	14.18	18.91	18.46	17.23	14.25	18.89	18.54	17.29	14.26
Middle CH	18.6	18.11	16.84	13.90	18.63	18.19	16.93	13.95	18.66	18.21	16.93	13.94
Highest CH	18.75	18.3	16.95	14.01	18.8	18.38	17.07	14.11	18.76	18.33	17.06	14.02
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	18.92	18.5	17.27	14.26	18.94	18.62	17.36	14.32	18.91	18.51	17.23	14.30
Middle CH	18.66	18.22	16.95	13.94	18.66	18.29	16.98	13.98	18.68	18.28	16.94	13.97
Highest CH	18.83	18.39	17.12	14.11	18.82	18.44	17.06	14.08	18.85	18.48	17.16	14.15
LTE Band 48C / Conducted Power (dBm/10MHz)												
BW	5 + 20 MHz											
Mod.	QPSK	16QAM	64QAM	256QAM								
Lowest CH	18.93	18.58	17.26	14.28								
Middle CH	18.69	18.22	16.91	13.91								
Highest CH	18.78	18.34	17.06	14.01								
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	22.36	21.91	20.58	17.58	22.31	21.86	20.63	17.65	22.29	21.94	20.69	17.66
Middle CH	22	21.51	20.24	17.3	22.03	21.59	20.33	17.35	22.06	21.61	20.33	17.34
Highest CH	22.15	21.7	20.35	17.41	22.2	21.78	20.47	17.51	22.16	21.73	20.46	17.42
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	22.32	21.9	20.67	17.66	22.34	22.02	20.76	17.72	22.31	21.91	20.63	17.70
Middle CH	22.06	21.62	20.35	17.34	22.06	21.69	20.38	17.38	22.08	21.68	20.34	17.37
Highest CH	22.23	21.79	20.52	17.51	22.22	21.84	20.46	17.48	22.25	21.88	20.56	17.55
LTE Band 48C / EIRP Power (dBm/10MHz)												
BW	5 + 20 MHz											
Mod.	QPSK	16QAM	64QAM	256QAM								
Lowest CH	22.33	21.98	20.66	17.68								
Middle CH	22.09	21.62	20.31	17.31								
Highest CH	22.18	21.74	20.46	17.41								
Antenna Gain	3.4 dBi											
Limit	23dBm / 10MHz											
Result	Pass											



**Radiated Spurious Emission**

**LTE Band 48**

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( 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	7100	-52.13	-40	-12.13	-54.1	-62.10	1.77	11.74	H
	10655	-54.09	-40	-14.09	-56.37	-62.52	2.47	10.90	H
	14205	-52.24	-40	-12.24	-59.3	-61.08	2.87	11.71	H
	21306	-47.16	-40	-7.16	-69.02	-63.88	1.98	18.70	H
	24857	-49.54	-40	-9.54	-74.2	-65.55	2.07	18.07	H
	28408	-50.40	-40	-10.40	-75.92	-67.64	2.32	19.56	H
									H
	7100	-51.60	-40	-11.60	-53.18	-61.57	1.77	11.74	V
	10655	-51.56	-40	-11.56	-53.58	-59.99	2.47	10.90	V
	14205	-52.25	-40	-12.25	-59.03	-61.09	2.87	11.71	V
	21306	-53.72	-40	-13.72	-75.44	-70.44	1.98	18.70	V
	24857	-52.04	-40	-12.04	-77.91	-68.05	2.07	18.07	V
	28408	-49.14	-40	-9.14	-76.48	-66.38	2.32	19.56	V
									V



Middle	7230	-46.30	-40	-6.30	-48.67	-55.99	1.84	11.53	H
	10850	-54.57	-40	-14.57	-56.9	-62.90	2.57	10.90	H
	14462	-53.92	-40	-13.92	-61.19	-62.16	2.85	11.09	H
	18080	-53.17	-40	-13.17	-71.28	-69.40	1.76	17.98	H
	21696	-46.14	-40	-6.14	-67.66	-62.93	1.99	18.78	H
	25312	-51.92	-40	-11.92	-77.08	-68.52	2.14	18.74	H
									H
	7230	-48.21	-40	-8.21	-50.32	-57.90	1.84	11.53	V
	10850	-49.24	-40	-9.24	-51.36	-57.57	2.57	10.90	V
	14462	-48.57	-40	-8.57	-55.02	-56.81	2.85	11.09	V
	18080	-54.38	-40	-14.38	-71.56	-70.61	1.76	17.98	V
	21696	-52.44	-40	-12.44	-73.95	-69.23	1.99	18.78	V
	25312	-48.69	-40	-8.69	-75.11	-65.29	2.14	18.74	V
									V
Highest	7360	-44.07	-40	-4.07	-46.41	-53.48	1.91	11.32	H
	11045	-55.84	-40	-15.84	-58.32	-64.16	2.63	10.95	H
	14724	-50.44	-40	-10.44	-59.28	-59.24	2.91	11.72	H
	18410	-55.09	-40	-15.09	-73.4	-71.14	1.87	17.92	H
	22086	-34.48	-40	5.52	-56.65	-51.27	2.08	18.87	H
	25767	-51.44	-40	-11.44	-77.43	-68.46	2.03	19.05	H
									H
									H
	7360	-44.89	-40	-4.89	-47.04	-54.30	1.91	11.32	V
	11045	-53.20	-40	-13.20	-55.51	-61.52	2.63	10.95	V
	14724	-49.65	-40	-9.65	-56.82	-58.45	2.91	11.72	V
	18410	-52.76	-40	-12.76	-70.2	-68.81	1.87	17.92	V
	22086	-51.10	-40	-11.10	-73.27	-67.89	2.08	18.87	V
	25767	-50.05	-40	-10.05	-77.23	-67.07	2.03	19.05	V
								V	
								V	

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



LTE Band 48C

LTE Band 48C / 20MHz+20MHz / QPSK									
Channel	Frequency ( MHz )	EIRP ( 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	7140	-48.10	-40	-8.10	-50.23	-57.98	1.80	11.68	H
	10710	-49.47	-40	-9.47	-51.76	-57.87	2.50	10.90	H
	14279	-49.13	-40	-9.13	-56.24	-57.80	2.86	11.53	H
	21418	-47.97	-40	-7.97	-69.52	-64.72	1.95	18.70	H
	24982	-52.91	-40	-12.91	-77.57	-69.10	2.08	18.27	H
	28556	-49.62	-40	-9.62	-75.1	-66.84	2.31	19.53	H
									H
	7140	-47.98	-40	-7.98	-49.76	-57.86	1.80	11.68	V
	10710	-50.74	-40	-10.74	-52.79	-59.14	2.50	10.90	V
	14279	-53.65	-40	-13.65	-60.33	-62.32	2.86	11.53	V
	21418	-42.72	-40	-2.72	-64.21	-59.47	1.95	18.70	V
	24982	-50.49	-40	-10.49	-76.3	-66.68	2.08	18.27	V
	28556	-49.37	-40	-9.37	-76.72	-66.59	2.31	19.53	V
									V
Middle	7250	-45.58	-40	-5.58	-47.94	-55.23	1.86	11.50	H
	10875	-48.01	-40	-8.01	-50.34	-56.33	2.59	10.90	H
	14498	-49.33	-40	-9.33	-56.63	-57.48	2.85	11.00	H
	18122	-46.26	-40	-6.26	-64.4	-62.46	1.77	17.98	H
	21751	-52.15	-40	-12.15	-73.72	-68.94	2.01	18.80	H
	25370	-52.20	-40	-12.20	-77.45	-68.87	2.15	18.82	H
	29000	-49.50	-40	-9.50	-74.71	-66.13	2.37	19.00	H
	7250	-43.21	-40	-3.21	-45.32	-52.86	1.86	11.50	V
	10875	-45.30	-40	-5.30	-47.43	-53.62	2.59	10.90	V
	14498	-53.38	-40	-13.38	-59.78	-61.53	2.85	11.00	V
	18122	-50.50	-40	-10.50	-67.72	-66.70	1.77	17.98	V
	21751	-43.81	-40	-3.81	-65.37	-60.60	2.01	18.80	V
	25370	-47.94	-40	-7.94	-74.48	-64.61	2.15	18.82	V
	29000	-49.81	-40	-9.81	-76.56	-66.44	2.37	19.00	V





Highest	7360	-43.69	-40	-3.69	-46.03	-53.10	1.91	11.32	H
	11040	-50.86	-40	-10.86	-53.32	-59.17	2.63	10.95	H
	14718	-48.42	-40	-8.42	-57.21	-57.21	2.91	11.70	H
	18399	-50.29	-40	-10.29	-68.6	-66.34	1.87	17.92	H
	22073	-44.71	-40	-4.71	-66.83	-61.50	2.08	18.87	H
	25747	-51.31	-40	-11.31	-77.26	-68.32	2.04	19.05	H
									H
	7360	-41.22	-40	-1.22	-43.37	-50.63	1.91	11.32	V
	11040	-52.30	-40	-12.30	-54.59	-60.61	2.63	10.95	V
	14718	-53.73	-40	-13.73	-60.88	-62.52	2.91	11.70	V
	18399	-53.62	-40	-13.62	-71.05	-69.67	1.87	17.92	V
	22073	-43.84	-40	-3.84	-57.75	-60.12	2.25	18.53	V
	25747	-49.49	-40	-9.49	-76.64	-66.50	2.04	19.05	V
									V

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