

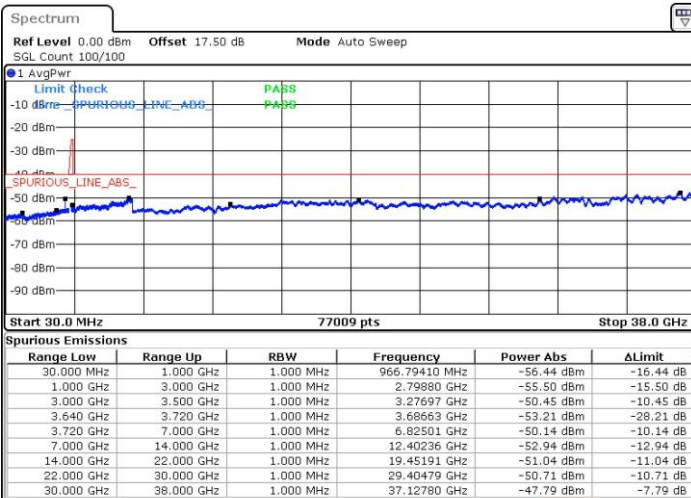


LTE Band 48 / 20MHz+10MHz

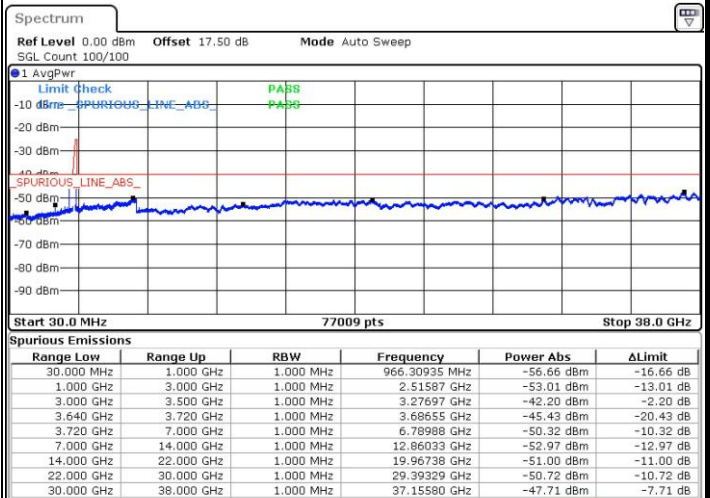
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



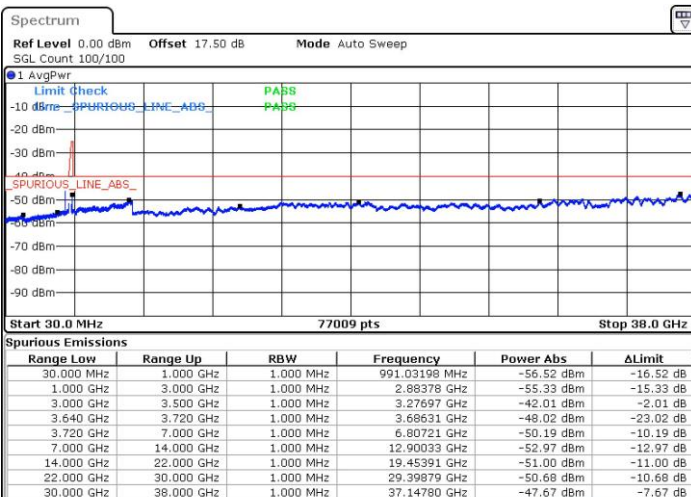
Date: 29 MAY 2019 10:46:27



Date: 29 MAY 2019 10:39:06

Lowest Channel / FullRB

N/A



Date: 29 MAY 2019 10:47:56

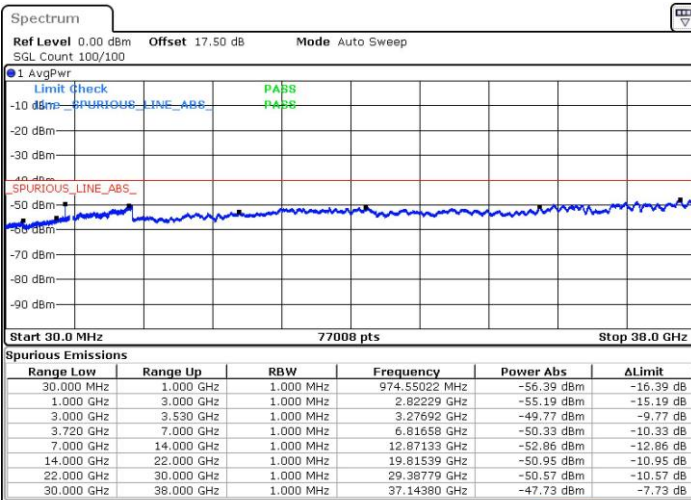


LTE Band 48 / 20MHz+10MHz

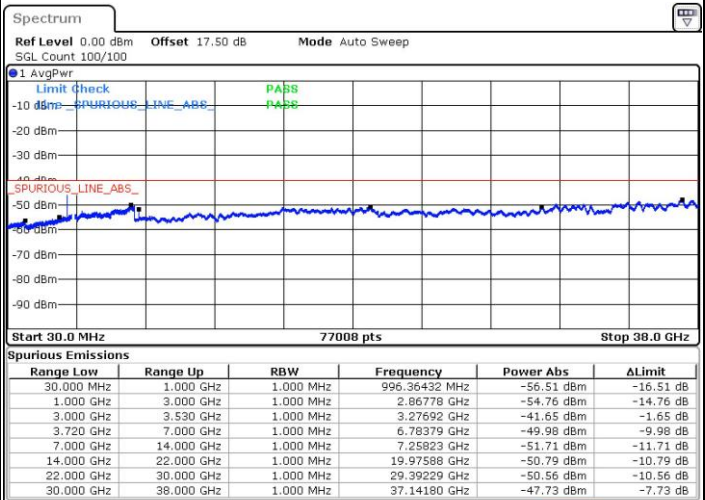
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



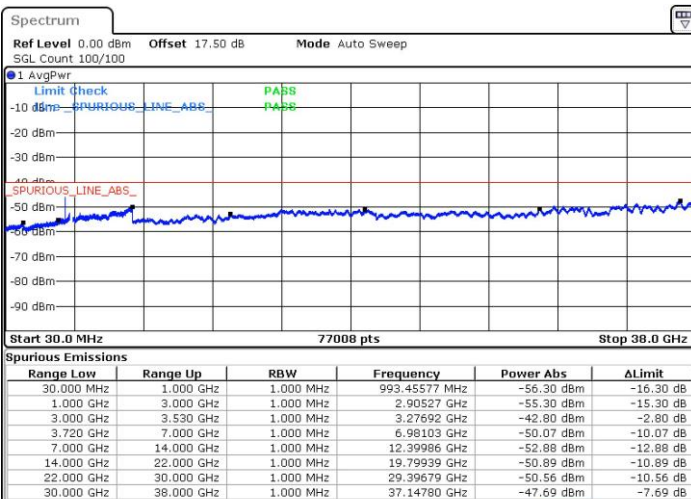
Date: 29 MAY 2019 11:26:26



Date: 29 MAY 2019 11:33:47

Middle Channel / FullIRB

N/A



Date: 29 MAY 2019 11:24:58

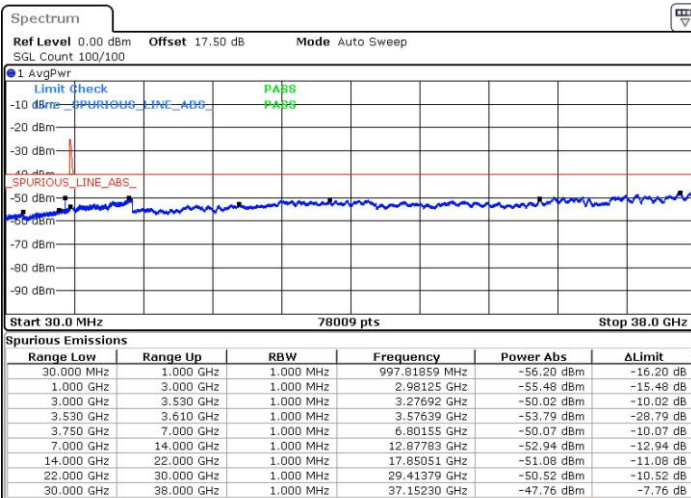


LTE Band 48 / 20MHz+10MHz

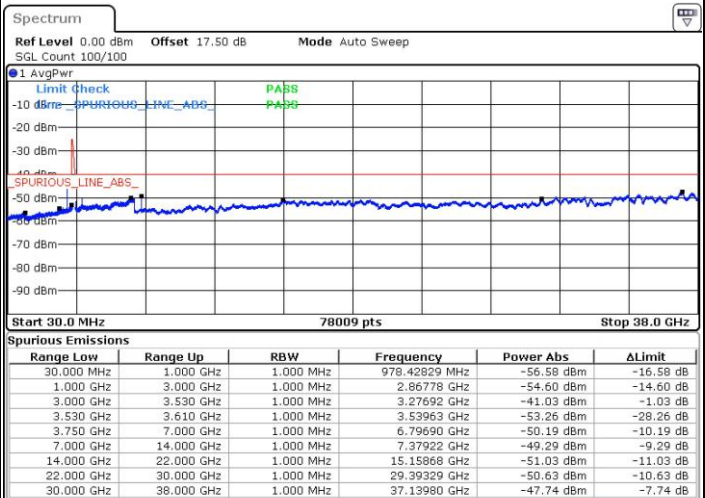
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



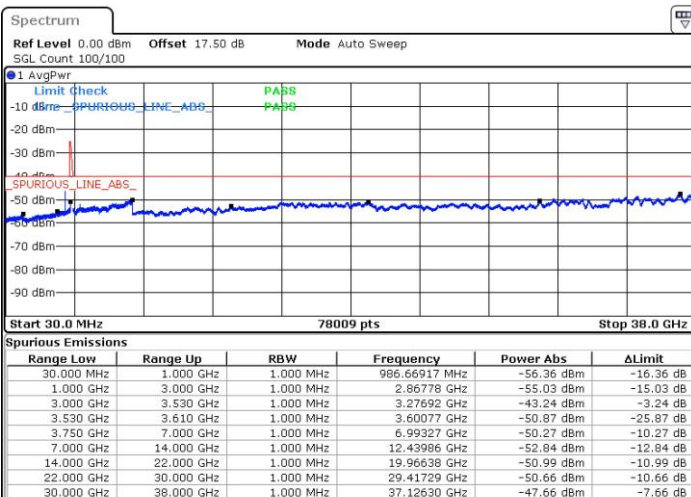
Date: 31.MAY.2019 05:22:19



Date: 31.MAY.2019 05:21:07

Highest Channel / FullIRB

N/A



Date: 31.MAY.2019 05:28:26

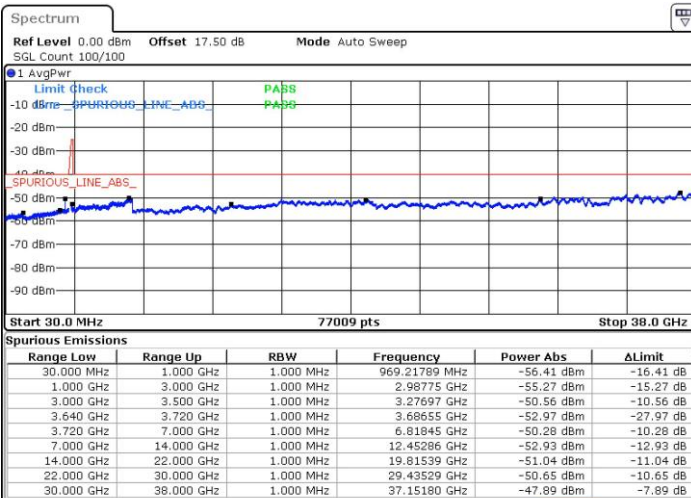


LTE Band 48 / 20MHz+15MHz

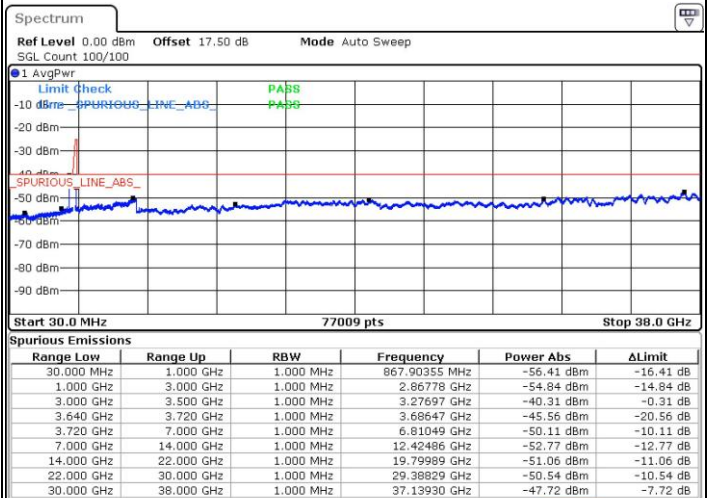
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



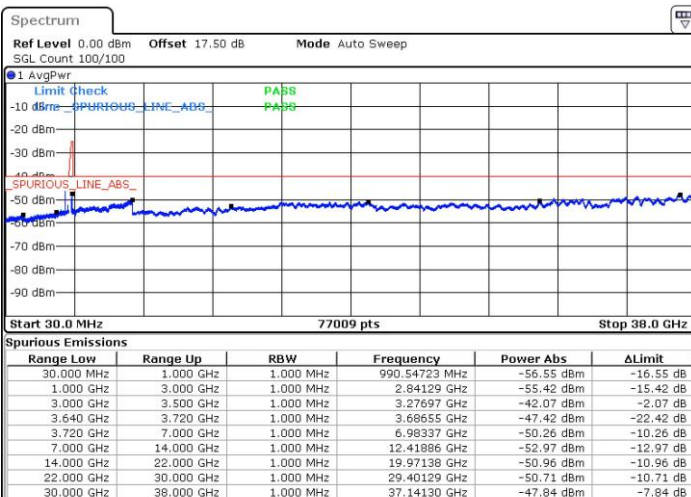
Date: 31 MAY 2019 08:40:45



Date: 31 MAY 2019 08:33:24

Lowest Channel / FullRB

N/A



Date: 31 MAY 2019 08:42:12

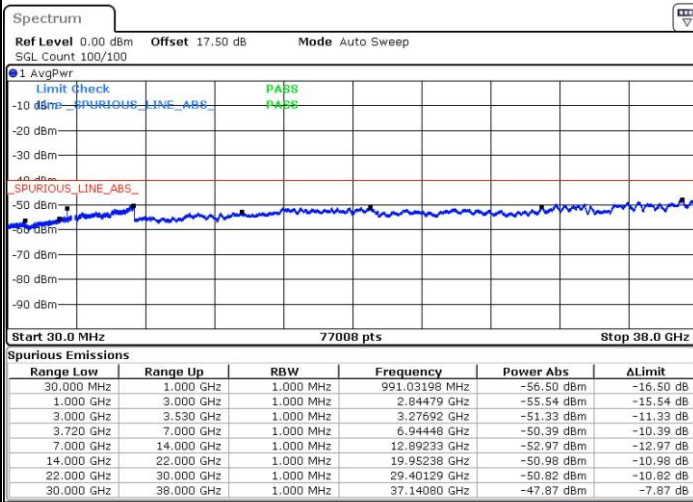


LTE Band 48 / 20MHz+15MHz

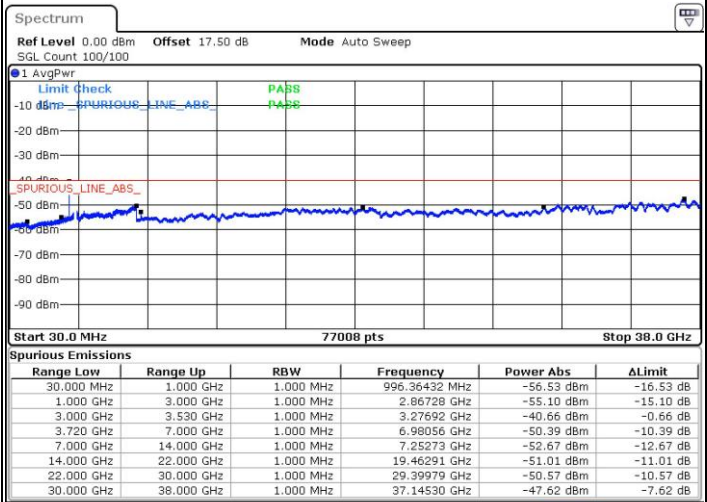
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



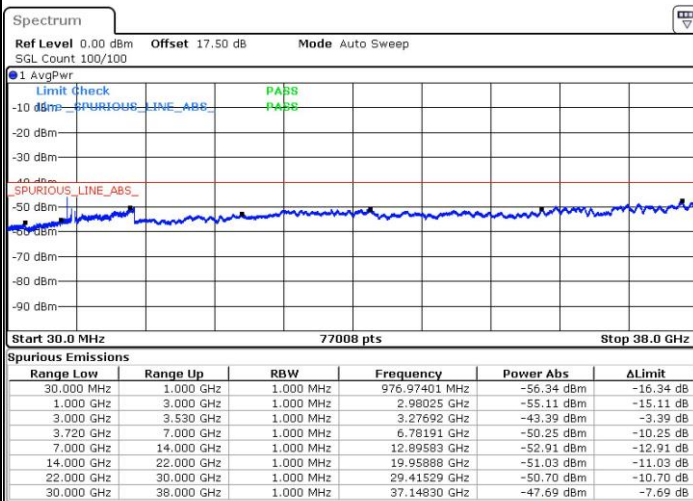
Date: 1 JUN 2019 06:16:28



Date: 1 JUN 2019 06:26:19

Middle Channel / FullIRB

N/A



Date: 1 JUN 2019 06:14:30

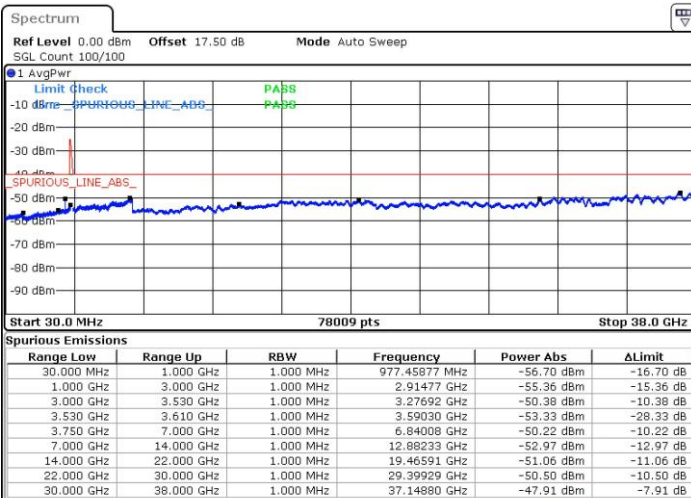


LTE Band 48 / 20MHz+15MHz

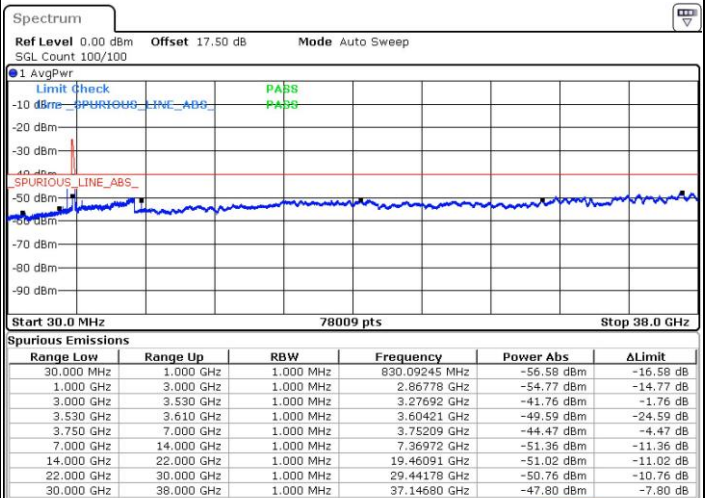
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



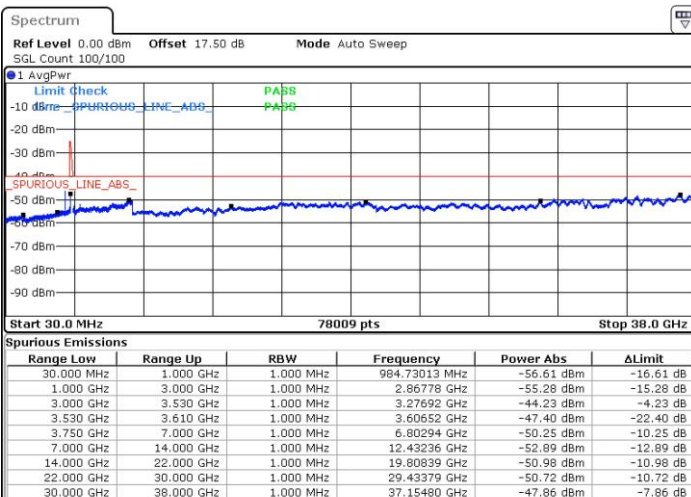
Date: 1 JUN 2019 07:05:05



Date: 1 JUN 2019 07:03:07

Highest Channel / FullIRB

N/A



Date: 1 JUN 2019 07:14:57

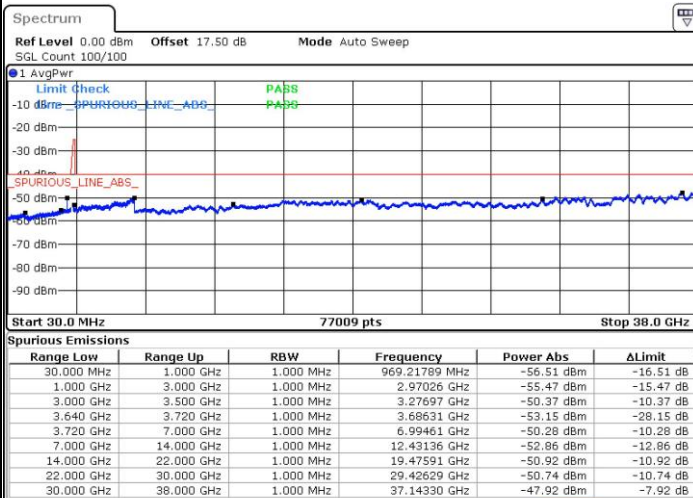


LTE Band 48 / 20MHz+20MHz

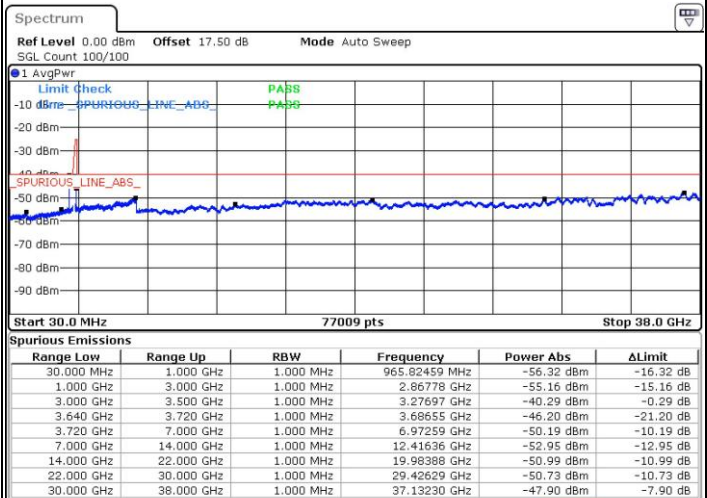
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



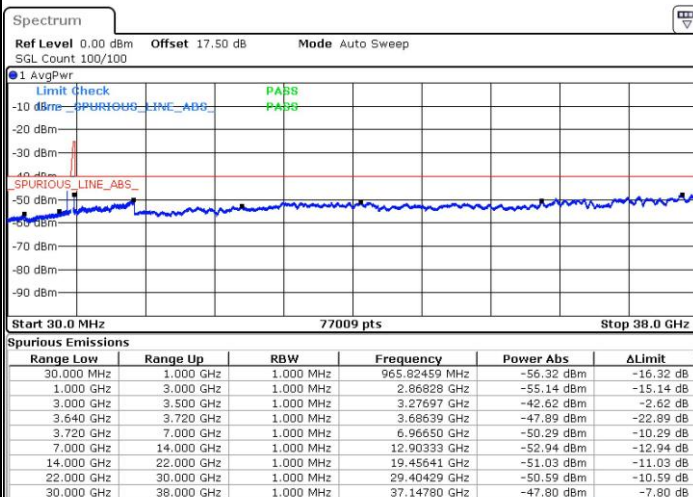
Date: 1 JUN 2019 08:00:30



Date: 1 JUN 2019 08:25:55

Lowest Channel / FullRB

N/A



Date: 1 JUN 2019 08:02:28

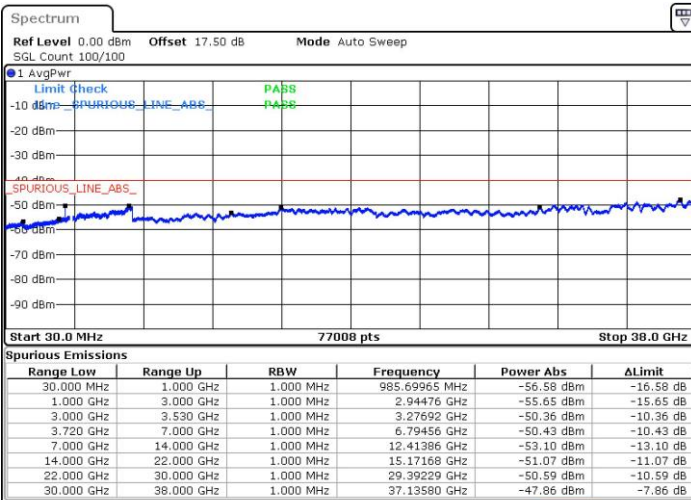


LTE Band 48 / 20MHz+20MHz

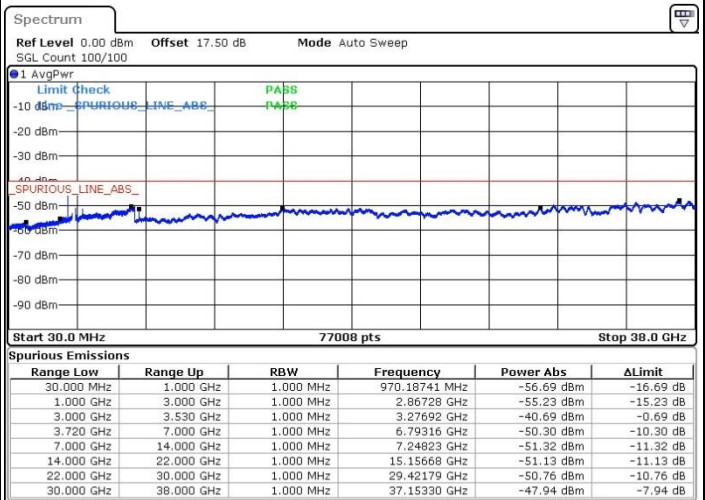
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



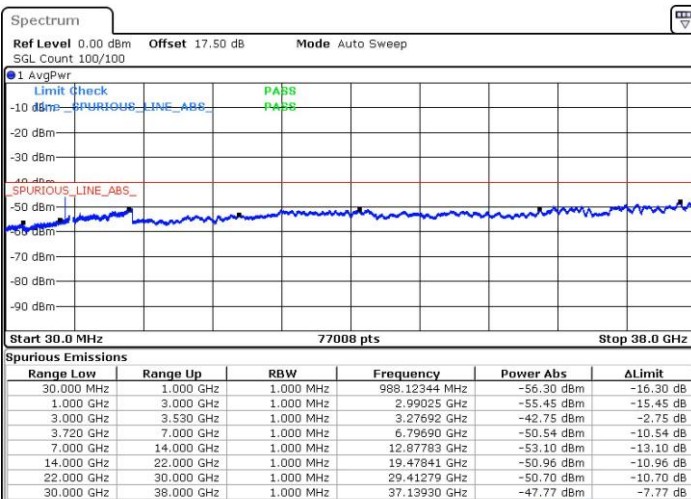
Date: 2 JUN 2019 19:48:55



Date: 2 JUN 2019 20:06:31

Middle Channel / FullIRB

N/A



Date: 2 JUN 2019 19:46:57

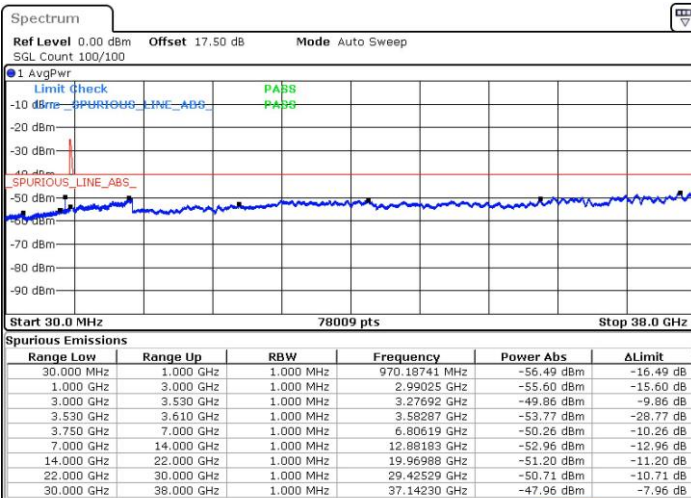


LTE Band 48 / 20MHz+20MHz

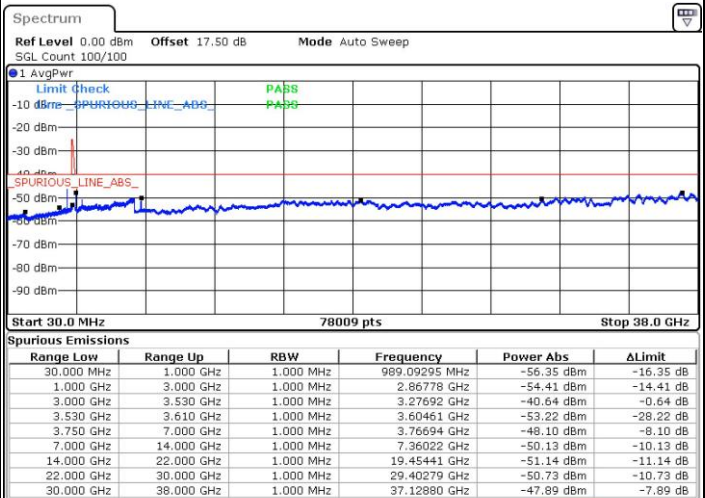
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



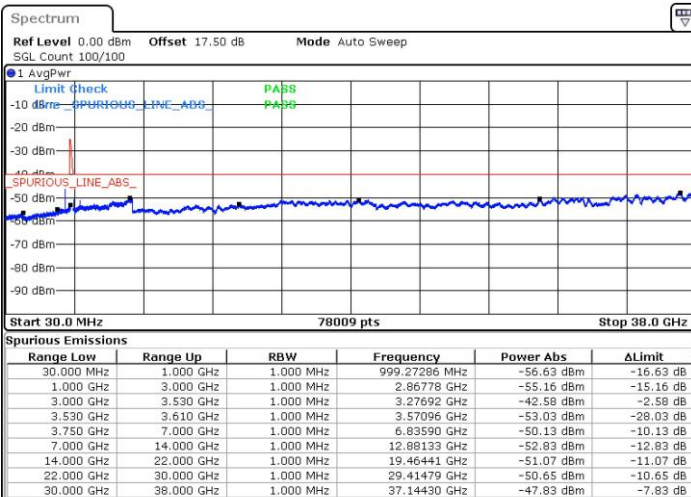
Date: 2 JUN 2019 20:40:37



Date: 2 JUN 2019 20:38:40

Highest Channel / FullIRB

N/A



Date: 2 JUN 2019 20:50:29



Appendix B. Test Results of EIRP and Radiated Test

EIRP

<Reporting Only for Ant. 1>

LTE Band 48 / 5MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.89	0.1545	20.89	0.1227
Middle		1	12	22.00	0.1585	21.00	0.1259
Highest		1	12	22.19	0.1656	21.19	0.1315
Lowest	16QAM	1	0	20.94	0.1242	19.94	0.0986
Middle		1	0	21.05	0.1274	20.05	0.1012
Highest		1	0	21.24	0.1330	20.24	0.1057
Lowest	64QAM	1	12	19.83	0.0962	18.83	0.0764
Middle		1	12	19.94	0.0986	18.94	0.0783
Highest		1	12	20.03	0.1007	19.03	0.0800

LTE Band 48 / 10MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	21.95	0.1567	20.95	0.1245
Middle		1	25	22.15	0.1641	21.15	0.1303
Highest		1	25	22.04	0.1600	21.04	0.1271
Lowest	16QAM	1	25	21.04	0.1271	20.04	0.1009
Middle		1	25	21.23	0.1327	20.23	0.1054
Highest		1	25	21.31	0.1352	20.31	0.1074
Lowest	64QAM	1	0	19.83	0.0962	18.83	0.0764
Middle		1	0	19.91	0.0979	18.91	0.0778
Highest		1	0	20.01	0.1002	19.01	0.0796

LTE Band 48 / 15MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.06	0.1607	21.06	0.1276
Middle		1	0	22.16	0.1644	21.16	0.1306
Highest		1	0	22.29	0.1694	21.29	0.1346
Lowest	16QAM	1	0	21.21	0.1321	20.21	0.1050
Middle		1	0	21.36	0.1368	20.36	0.1086
Highest		1	0	21.43	0.1390	20.43	0.1104
Lowest	64QAM	1	37	19.82	0.0959	18.82	0.0762
Middle		1	37	20.12	0.1028	19.12	0.0817
Highest		1	37	20.21	0.1050	19.21	0.0834



LTE Band 48 / 20MHz (Average) (GT - LC = -1 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.22	0.1667	21.22	0.1324
Middle		1	0	22.21	0.1663	21.21	0.1321
Highest		1	0	22.35	0.1718	21.35	0.1365
Lowest	16QAM	1	0	21.31	0.1352	20.31	0.1074
Middle		1	0	21.26	0.1337	20.26	0.1062
Highest		1	0	21.44	0.1393	20.44	0.1107
Lowest	64QAM	1	0	20.07	0.1016	19.07	0.0807
Middle		1	0	20.14	0.1033	19.14	0.0820
Highest		1	0	20.11	0.1026	19.11	0.0815



EIRP Power Density

LTE Band 48 / Conducted Power Density (dBm/10MHz)									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	21.89	20.94	19.83
Middle CH	-	-	-	-	-	-	22.00	21.05	19.94
Highest CH	-	-	-	-	-	-	22.19	21.24	20.03
LTE Band 48 / Conducted Power Density (dBm/10MHz)									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	21.95	21.04	19.83	20.30	19.45	18.06	19.21	18.30	17.06
Middle CH	22.15	21.23	19.91	20.40	19.60	18.36	19.20	18.25	17.13
Highest CH	22.04	21.31	20.01	20.53	19.67	18.45	19.34	18.43	17.10

LTE Band 48 / EIRP Power Density (dBm/10MHz)									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	20.89	19.94	18.83
Middle CH	-	-	-	-	-	-	21.00	20.05	18.94
Highest CH	-	-	-	-	-	-	21.19	20.24	19.03
LTE Band 48 / EIRP Power Density (dBm/10MHz)									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	20.95	20.04	18.83	19.30	18.45	17.06	18.21	17.30	16.06
Middle CH	21.15	20.23	18.91	19.40	18.60	17.36	18.20	17.25	16.13
Highest CH	21.04	20.31	19.01	19.53	18.67	17.45	18.34	17.43	16.10
Antenna Gain	-1 dBi								
Limit	23dBm / 10MHz								
Result	Pass								



EIRP

<Reporting Only for Ant. 6>

LTE Band 48 / 5MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.89	0.1545	22.49	0.1774
Middle		1	12	22.00	0.1585	22.60	0.1820
Highest		1	12	22.19	0.1656	22.79	0.1901
Lowest	16QAM	1	0	20.94	0.1242	21.54	0.1426
Middle		1	0	21.05	0.1274	21.65	0.1462
Highest		1	0	21.24	0.1330	21.84	0.1528
Lowest	64QAM	1	12	19.83	0.0962	20.43	0.1104
Middle		1	12	19.94	0.0986	20.54	0.1132
Highest		1	12	20.03	0.1007	20.63	0.1156

LTE Band 48 / 10MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	21.95	0.1567	22.55	0.1799
Middle		1	25	22.15	0.1641	22.75	0.1884
Highest		1	25	22.04	0.1600	22.64	0.1837
Lowest	16QAM	1	25	21.04	0.1271	21.64	0.1459
Middle		1	25	21.23	0.1327	21.83	0.1524
Highest		1	25	21.31	0.1352	21.91	0.1552
Lowest	64QAM	1	0	19.83	0.0962	20.43	0.1104
Middle		1	0	19.91	0.0979	20.51	0.1125
Highest		1	0	20.01	0.1002	20.61	0.1151

LTE Band 48 / 15MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.06	0.1607	22.66	0.1845
Middle		1	0	22.16	0.1644	22.76	0.1888
Highest		1	0	22.29	0.1694	22.89	0.1945
Lowest	16QAM	1	0	21.21	0.1321	21.81	0.1517
Middle		1	0	21.36	0.1368	21.96	0.1570
Highest		1	0	21.43	0.1390	22.03	0.1596
Lowest	64QAM	1	37	19.82	0.0959	20.42	0.1102
Middle		1	37	20.12	0.1028	20.72	0.1180
Highest		1	37	20.21	0.1050	20.81	0.1205



LTE Band 48 / 20MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.22	0.1667	22.82	0.1914
Middle		1	0	22.21	0.1663	22.81	0.1910
Highest		1	0	22.35	0.1718	22.95	0.1972
Lowest	16QAM	1	0	21.31	0.1352	21.91	0.1552
Middle		1	0	21.26	0.1337	21.86	0.1535
Highest		1	0	21.44	0.1393	22.04	0.1600
Lowest	64QAM	1	0	20.07	0.1016	20.67	0.1167
Middle		1	0	20.14	0.1033	20.74	0.1186
Highest		1	0	20.11	0.1026	20.71	0.1178



EIRP Power Density

LTE Band 48 / Conducted Power Density (dBm/10MHz)									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	21.89	20.94	19.83
Middle CH	-	-	-	-	-	-	22.00	21.05	19.94
Highest CH	-	-	-	-	-	-	22.19	21.24	20.03
LTE Band 48 / Conducted Power Density (dBm/10MHz)									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	21.95	21.04	19.83	20.30	19.45	18.06	19.21	18.30	17.06
Middle CH	22.15	21.23	19.91	20.40	19.60	18.36	19.20	18.25	17.13
Highest CH	22.04	21.31	20.01	20.53	19.67	18.45	19.34	18.43	17.10

LTE Band 48 / EIRP Power Density (dBm/10MHz)									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	22.49	21.54	20.43
Middle CH	-	-	-	-	-	-	22.60	21.65	20.54
Highest CH	-	-	-	-	-	-	22.79	21.84	20.63
LTE Band 48 / EIRP Power Density (dBm/10MHz)									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	22.55	21.64	20.43	20.90	20.05	18.66	19.81	18.90	17.66
Middle CH	22.75	21.83	20.51	21.00	20.20	18.96	19.80	18.85	17.73
Highest CH	22.64	21.91	20.61	21.13	20.27	19.05	19.94	19.03	17.70
Antenna Gain	0.6 dBi								
Limit	23dBm / 10MHz								
Result	Pass								



EIRP

<Reporting Only for Ant. 1>

LTE Band 48C_CA / 20 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	0	0	1	99	21.30	0.1349	20.30	0.1072
Middle		0	0	1	99	21.19	0.1315	20.19	0.1045
Highest		0	0	1	99	21.20	0.1318	20.20	0.1047
Lowest	16QAM	0	0	1	99	20.30	0.1072	19.30	0.0851
Middle		0	0	1	99	20.28	0.1067	19.28	0.0847
Highest		0	0	1	99	20.36	0.1086	19.36	0.0863
Lowest	64QAM	1	0	1	0	19.68	0.0929	18.68	0.0738
Middle		1	0	1	0	19.59	0.0910	18.59	0.0723
Highest		1	0	1	0	19.71	0.0935	18.71	0.0743
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 20 + 15 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	21.28	0.1343	20.28	0.1067
Middle		1	74	1	0	21.29	0.1346	20.29	0.1069
Highest		1	74	1	0	21.15	0.1303	20.15	0.1035
Lowest	16QAM	1	74	1	0	20.32	0.1076	19.32	0.0855
Middle		1	74	1	0	20.18	0.1042	19.18	0.0828
Highest		1	74	1	0	20.45	0.1109	19.45	0.0881
Lowest	64QAM	100	0	75	0	19.74	0.0942	18.74	0.0748
Middle		100	0	75	0	19.60	0.0912	18.60	0.0724
Highest		100	0	75	0	19.72	0.0938	18.72	0.0745
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 15 + 20 MHz (GT - LC = -1 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	21.37	0.1371	20.37	0.1089
Middle		1	74	1	0	21.22	0.1324	20.22	0.1052
Highest		1	74	1	0	21.28	0.1343	20.28	0.1067
Lowest	16QAM	1	74	1	0	20.27	0.1064	19.27	0.0845
Middle		1	74	1	0	20.26	0.1062	19.26	0.0843
Highest		1	74	1	0	20.27	0.1064	19.27	0.0845
Lowest	64QAM	75	0	100	0	19.73	0.0940	18.73	0.0746
Middle		75	0	100	0	19.53	0.0897	18.53	0.0713
Highest		75	0	100	0	19.81	0.0957	18.81	0.0760
Limit	EIRP < 1W					Result		PASS	



LTE Band 48C_CA / 20 + 10 MHz (GT - LC = -1 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	21.29	0.1346	20.29	0.1069
Middle		1	99	1	0	21.19	0.1315	20.19	0.1045
Highest		1	99	1	0	21.15	0.1303	20.15	0.1035
Lowest	16QAM	1	99	1	0	20.27	0.1064	19.27	0.0845
Middle		1	99	1	0	20.35	0.1084	19.35	0.0861
Highest		1	99	1	0	20.39	0.1094	19.39	0.0869
Lowest	64QAM	100	0	50	0	19.67	0.0927	18.67	0.0736
Middle		100	0	50	0	19.62	0.0916	18.62	0.0728
Highest		100	0	50	0	19.74	0.0942	18.74	0.0748
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 10 + 20 MHz (GT - LC = -1 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	21.39	0.1377	20.39	0.1094
Middle		1	49	1	0	21.27	0.1340	20.27	0.1064
Highest		1	49	1	0	21.25	0.1334	20.25	0.1059
Lowest	16QAM	1	49	1	0	20.23	0.1054	19.23	0.0838
Middle		1	49	1	0	20.23	0.1054	19.23	0.0838
Highest		1	49	1	0	20.38	0.1091	19.38	0.0867
Lowest	64QAM	50	0	100	0	19.75	0.0944	18.75	0.0750
Middle		50	0	100	0	19.64	0.0920	18.64	0.0731
Highest		50	0	100	0	19.71	0.0935	18.71	0.0743
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 20 + 5 MHz (GT - LC = -1 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	21.31	0.1352	20.31	0.1074
Middle		1	99	1	0	21.11	0.1291	20.11	0.1026
Highest		1	99	1	0	21.26	0.1337	20.26	0.1062
Lowest	16QAM	1	99	1	0	20.37	0.1089	19.37	0.0865
Middle		1	99	1	0	20.22	0.1052	19.22	0.0836
Highest		1	99	1	0	20.46	0.1112	19.46	0.0883
Lowest	64QAM	1	99	1	0	19.63	0.0918	18.63	0.0729
Middle		1	99	1	0	19.61	0.0914	18.61	0.0726
Highest		1	99	1	0	19.71	0.0935	18.71	0.0743
Limit	EIRP < 1W					Result		PASS	



<Reporting Only for Ant. 6>

Reporting Only for Annex

LTE Band 48C_CA / 20 + 20 MHz (GT - LC = 0.6 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	0	0	1	99	21.30	0.1349	21.90	0.1549
Middle		0	0	1	99	21.19	0.1315	21.79	0.1510
Highest		0	0	1	99	21.20	0.1318	21.80	0.1514
Lowest	16QAM	0	0	1	99	20.30	0.1072	20.90	0.1230
Middle		0	0	1	99	20.28	0.1067	20.88	0.1225
Highest		0	0	1	99	20.36	0.1086	20.96	0.1247
Lowest	64QAM	1	0	1	0	19.68	0.0929	20.28	0.1067
Middle		1	0	1	0	19.59	0.0910	20.19	0.1045
Highest		1	0	1	0	19.71	0.0935	20.31	0.1074
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 20 + 15 MHz (GT - LC = 0.6 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	21.28	0.1343	21.88	0.1542
Middle		1	74	1	0	21.29	0.1346	21.89	0.1545
Highest		1	74	1	0	21.15	0.1303	21.75	0.1496
Lowest	16QAM	1	74	1	0	20.32	0.1076	20.92	0.1236
Middle		1	74	1	0	20.18	0.1042	20.78	0.1197
Highest		1	74	1	0	20.45	0.1109	21.05	0.1274
Lowest	64QAM	100	0	75	0	19.74	0.0942	20.34	0.1081
Middle		100	0	75	0	19.60	0.0912	20.20	0.1047
Highest		100	0	75	0	19.72	0.0938	20.32	0.1076
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 15 + 20 MHz (GT - LC = 0.6 dB)									
Channel	Mode	PCC		SCC		Conducted		EIRP	
		RB		RB					
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	1	0	21.37	0.1371	21.97	0.1574
Middle		1	74	1	0	21.22	0.1324	21.82	0.1521
Highest		1	74	1	0	21.28	0.1343	21.88	0.1542
Lowest	16QAM	1	74	1	0	20.27	0.1064	20.87	0.1222
Middle		1	74	1	0	20.26	0.1062	20.86	0.1219
Highest		1	74	1	0	20.27	0.1064	20.87	0.1222
Lowest	64QAM	75	0	100	0	19.73	0.0940	20.33	0.1079
Middle		75	0	100	0	19.53	0.0897	20.13	0.1030
Highest		75	0	100	0	19.81	0.0957	20.41	0.1099
Limit	EIRP < 1W					Result		PASS	



LTE Band 48C_CA / 20 + 10 MHz (GT - LC = 0.6 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	21.29	0.1346	21.89	0.1545
Middle		1	99	1	0	21.19	0.1315	21.79	0.1510
Highest		1	99	1	0	21.15	0.1303	21.75	0.1496
Lowest	16QAM	1	99	1	0	20.27	0.1064	20.87	0.1222
Middle		1	99	1	0	20.35	0.1084	20.95	0.1245
Highest		1	99	1	0	20.39	0.1094	20.99	0.1256
Lowest	64QAM	100	0	50	0	19.67	0.0927	20.27	0.1064
Middle		100	0	50	0	19.62	0.0916	20.22	0.1052
Highest		100	0	50	0	19.74	0.0942	20.34	0.1081
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 10 + 20 MHz (GT - LC = 0.6 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	21.39	0.1377	21.99	0.1581
Middle		1	49	1	0	21.27	0.1340	21.87	0.1538
Highest		1	49	1	0	21.25	0.1334	21.85	0.1531
Lowest	16QAM	1	49	1	0	20.23	0.1054	20.83	0.1211
Middle		1	49	1	0	20.23	0.1054	20.83	0.1211
Highest		1	49	1	0	20.38	0.1091	20.98	0.1253
Lowest	64QAM	50	0	100	0	19.75	0.0944	20.35	0.1084
Middle		50	0	100	0	19.64	0.0920	20.24	0.1057
Highest		50	0	100	0	19.71	0.0935	20.31	0.1074
Limit	EIRP < 1W					Result		PASS	

LTE Band 48C_CA / 20 + 5 MHz (GT - LC = 0.6 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	21.31	0.1352	21.91	0.1552
Middle		1	99	1	0	21.11	0.1291	21.71	0.1483
Highest		1	99	1	0	21.26	0.1337	21.86	0.1535
Lowest	16QAM	1	99	1	0	20.37	0.1089	20.97	0.1250
Middle		1	99	1	0	20.22	0.1052	20.82	0.1208
Highest		1	99	1	0	20.46	0.1112	21.06	0.1276
Lowest	64QAM	1	99	1	0	19.63	0.0918	20.23	0.1054
Middle		1	99	1	0	19.61	0.0914	20.21	0.1050
Highest		1	99	1	0	19.71	0.0935	20.31	0.1074
Limit	EIRP < 1W					Result		PASS	

**Radiated Spurious Emission**

<Ant. 1>

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	-44.18	-40	-4.18	-46.01	-54.15	1.77	11.74	H
	10655	-48.31	-40	-8.31	-51.58	-56.74	2.47	10.90	H
	14205	-56.64	-40	-16.64	-63.73	-65.48	2.87	11.71	H
	21307	-47.65	-40	-7.65	-73.55	-64.37	1.98	18.70	H
	24859	-49.12	-40	-9.12	-75.47	-65.13	2.07	18.07	H
	28408	-47.79	-40	-7.79	-76.3	-65.03	2.32	19.56	H
	7100	-46.93	-40	-6.93	-48.37	-56.90	1.77	11.74	V
	10655	-48.99	-40	-8.99	-52	-57.42	2.47	10.90	V
	14205	-57.81	-40	-17.81	-64.62	-66.65	2.87	11.71	V
	21307	-54.76	-40	-14.76	-73.55	-71.48	1.98	18.70	V
	24859	-52.81	-40	-12.81	-75.47	-68.82	2.07	18.07	V
	28408	-51.45	-40	-11.45	-76.75	-68.69	2.32	19.56	V
Middle	7230	-43.40	-40	-3.40	-45.46	-53.09	1.84	11.53	H
	10850	-47.58	-40	-7.58	-50.74	-55.91	2.57	10.90	H
	14462	-55.47	-40	-15.47	-62.25	-63.71	2.85	11.09	H
	18077	-44.24	-40	-4.24	-63.64	-60.47	1.76	17.98	H
	21696	-43.01	-40	-3.01	-68.64	-59.80	1.99	18.78	H
	25312	-47.08	-40	-7.08	-75.15	-63.68	2.14	18.74	H
	7230	-47.98	-40	-7.98	-49.78	-57.67	1.84	11.53	V
	10850	-51.16	-40	-11.16	-54.12	-59.49	2.57	10.90	V
	14462	-58.11	-40	-18.11	-64.07	-66.35	2.85	11.09	V
	18077	-54.68	-40	-14.68	-67.81	-70.91	1.76	17.98	V
	21696	-52.16	-40	-12.16	-71.03	-68.95	1.99	18.78	V
	25312	-51.06	-40	-11.06	-75.42	-67.66	2.14	18.74	V



Highest	7360	-47.33	-40	-7.33	-49.47	-56.74	1.91	11.32	H
	11045	-47.28	-40	-7.28	-50.42	-55.60	2.63	10.95	H
	14724	-54.85	-40	-14.85	-62.93	-63.65	2.91	11.72	H
	18410	-43.44	-40	-3.44	-63.24	-59.49	1.87	17.92	H
	22084	-44.43	-40	-4.43	-5.43	-61.22	2.08	18.87	H
	25770	-46.73	-40	-6.73	-7.73	-63.75	2.03	19.05	H
	7360	-52.36	-40	-12.36	-54.32	-61.77	1.91	11.32	V
	11045	-51.15	-40	-11.15	-54.12	-59.47	2.63	10.95	V
	14724	-58.77	-40	-18.77	-65.21	-67.57	2.91	11.72	V
	18410	-50.76	-40	-10.76	-63.13	-66.81	1.87	17.92	V
	22084	-54.76	-40	-14.76	-72.87	-71.55	2.08	18.87	V
	25770	-50.58	-40	-10.58	-75.71	-67.60	2.03	19.05	V

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

**LTE Band CA 48C**

LTE Band CA 48C / 20+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	-43.82	-40	-3.82	-45.72	-53.70	1.80	11.68	H
	10710	-47.08	-40	-7.08	-50.32	-55.48	2.50	10.90	H
	14272	-58.11	-40	-18.11	-65.12	-66.79	2.86	11.55	H
	21418	-46.89	-40	-6.89	-73.32	-63.64	1.95	18.70	H
	24981	-49.10	-40	-9.10	-75.35	-65.29	2.08	18.27	H
	28556	-48.40	-40	-8.40	-76.65	-65.62	2.31	19.53	H
									H
	7140	-47.83	-40	-7.83	-49.37	-57.71	1.80	11.68	V
	10710	-50.35	-40	-10.35	-53.35	-58.75	2.50	10.90	V
	14272	-58.37	-40	-18.37	-64.95	-67.05	2.86	11.55	V
	21418	-54.33	-40	-14.33	-73.67	-71.08	1.95	18.70	V
	24981	-52.57	-40	-12.57	-75.26	-68.76	2.08	18.27	V
	28556	-52.22	-40	-12.22	-77.32	-69.44	2.31	19.53	V
									V
Middle	7250	-45.87	-40	-5.87	-47.96	-55.52	1.86	11.50	H
	10875	-48.64	-40	-8.64	-51.8	-56.96	2.59	10.90	H
	14498	-63.42	-40	-23.42	-64.42	-71.57	2.85	11.00	H
	18122	-57.55	-40	-17.55	-70.57	-73.75	1.77	17.98	H
	21740	-55.33	-40	-15.33	-74	-72.12	2.01	18.80	H
	25368	-50.74	-40	-10.74	-75.45	-67.41	2.15	18.82	H
									H
	7250	-48.73	-40	-8.73	-50.58	-58.38	1.86	11.50	V
	10875	-51.97	-40	-11.97	-54.93	-60.29	2.59	10.90	V
	14498	-59.12	-40	-19.12	-64.97	-67.27	2.85	11.00	V
	18122	-52.14	-40	-12.14	-71.58	-68.34	1.77	17.98	V
	21740	-48.00	-40	-8.00	-73.36	-64.79	2.01	18.80	V
	25368	-46.89	-40	-6.89	-75.35	-63.56	2.15	18.82	V
									V



Highest	7360	-49.52	-40	-9.52	-51.66	-58.93	1.91	11.32	H
	11040	-50.33	-40	-10.33	-53.47	-58.64	2.63	10.95	H
	14718	-54.64	-40	-14.64	-62.71	-63.43	2.91	11.70	H
	18399	-57.48	-40	-17.48	-69.9	-73.53	1.87	17.92	H
	22073	-56.21	-40	-16.21	-74.16	-73.00	2.08	18.87	H
	25758	-50.63	-40	-10.63	-75.76	-67.65	2.04	19.05	H
									H
	7360	-52.48	-40	-12.48	-54.44	-61.89	1.91	11.32	V
	11040	-54.23	-40	-14.23	-57.2	-62.54	2.63	10.95	V
	14718	-58.64	-40	-18.64	-65.07	-67.43	2.91	11.70	V
	18399	-49.85	-40	-9.85	-69.63	-65.90	1.87	17.92	V
	22073	-50.04	-40	-10.04	-74.25	-66.83	2.08	18.87	V
	25758	-46.98	-40	-6.98	-75.71	-64.00	2.04	19.05	V
									V

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



<WPC Charging Mode>

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	7102	-60.78	-40	-20.78	-61.78	-70.74	1.78	11.74	H
	10653	-59.43	-40	-19.43	-60.43	-67.86	2.47	10.90	H
	14204	-54.42	-40	-14.42	-55.42	-63.26	2.87	11.71	H
	17755	-48.58	-40	-8.58	-49.58	-55.60	2.62	9.64	H
	21307	-47.33	-40	-7.33	-73.23	-64.05	1.98	18.70	H
	24858	-49.05	-40	-9.05	-75.4	-65.06	2.07	18.07	H
	7102	-61.41	-40	-21.41	-62.41	-71.37	1.78	11.74	V
	10653	-59.97	-40	-19.97	-60.97	-68.40	2.47	10.90	V
	14204	-55.53	-40	-15.53	-56.53	-64.37	2.87	11.71	V
	17755	-52.22	-40	-12.22	-53.22	-59.24	2.62	9.64	V
	21307	-54.72	-40	-14.72	-73.51	-71.44	1.98	18.70	V
	24858	-52.44	-40	-12.44	-75.1	-68.45	2.07	18.07	V
Middle	7232	-60.54	-40	-20.54	-61.54	-70.22	1.85	11.53	H
	10848	-58.88	-40	-18.88	-59.88	-67.21	2.57	10.90	H
	14464	-52.48	-40	-12.48	-53.48	-60.71	2.85	11.09	H
	18080	-51.92	-40	-11.92	-71.32	-68.15	1.76	17.98	H
	21697	-43.03	-40	-3.03	-68.66	-59.82	1.99	18.78	H
	25313	-47.17	-40	-7.17	-75.24	-63.77	2.14	18.74	H
	7232	-61.22	-40	-21.22	-62.22	-70.90	1.85	11.53	V
	10848	-60.29	-40	-20.29	-61.29	-68.62	2.57	10.90	V
	14464	-54.88	-40	-14.88	-55.88	-63.11	2.85	11.09	V
	18080	-57.47	-40	-17.47	-70.6	-73.70	1.76	17.98	V
	21697	-54.65	-40	-14.65	-73.52	-71.44	1.99	18.78	V
	25313	-50.78	-40	-10.78	-75.14	-67.38	2.14	18.74	V



Highest	7360	-61.26	-40	-21.26	-62.26	-70.67	1.91	11.32	H
	11045	-60.04	-40	-20.04	-61.04	-68.36	2.63	10.95	H
	14724	-55.13	-40	-15.13	-56.13	-63.93	2.91	11.72	H
	18410	-45.93	-40	-5.93	-65.73	-61.98	1.87	17.92	H
	22084	-46.74	-40	-6.74	-71.11	-63.53	2.08	18.87	H
	25770	-46.84	-40	-6.84	-75.57	-63.86	2.03	19.05	H
	7360	-61.24	-40	-21.24	-62.24	-70.65	1.91	11.32	V
	11045	-60.23	-40	-20.23	-61.23	-68.55	2.63	10.95	V
	14724	-54.86	-40	-14.86	-55.86	-63.66	2.91	11.72	V
	18410	-54.45	-40	-14.45	-66.82	-70.50	1.87	17.92	V
	22084	-55.54	-40	-15.54	-73.65	-72.33	2.08	18.87	V
	25770	-50.12	-40	-10.12	-75.25	-67.14	2.03	19.05	V

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



<Ant. 6>

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	-46.30	-40	-6.30	-48.13	-56.27	1.77	11.74	H
	10655	-54.13	-40	-14.13	-57.4	-62.56	2.47	10.90	H
	14205	-57.29	-40	-17.29	-64.38	-66.13	2.87	11.71	H
	21319	-47.89	-40	-7.89	-73.89	-64.61	1.98	18.70	H
	24874	-50.54	-40	-10.54	-76.89	-66.57	2.07	18.10	H
	28429	-48.46	-40	-8.46	-76.89	-65.72	2.31	19.57	H
	7100	-45.95	-40	-5.95	-47.39	-55.92	1.77	11.74	V
	10655	-51.79	-40	-11.79	-54.8	-60.22	2.47	10.90	V
	14205	-56.66	-40	-16.66	-63.47	-65.50	2.87	11.71	V
	21319	-55.58	-40	-15.58	-74.447	-72.30	1.98	18.70	V
	24874	-53.96	-40	-13.96	-76.62	-69.99	2.07	18.10	V
	28429	-51.66	-40	-11.66	-76.87	-68.92	2.31	19.57	V
Middle	7230	-46.28	-40	-6.28	-48.34	-55.97	1.84	11.53	H
	10850	-55.69	-40	-15.69	-58.85	-64.02	2.57	10.90	H
	14462	-54.35	-40	-14.35	-61.13	-62.59	2.85	11.09	H
	18089	-48.95	-40	-8.95	-68.35	-65.17	1.76	17.98	H
	21707	-43.31	-40	-3.31	-68.94	-60.10	1.99	18.78	H
	25322	-48.44	-40	-8.44	-76.64	-65.05	2.14	18.75	H
	7230	-46.39	-40	-6.39	-48.19	-56.08	1.84	11.53	V
	10850	-54.96	-40	-14.96	-57.92	-63.29	2.57	10.90	V
	14462	-56.63	-40	-16.63	-62.59	-64.87	2.85	11.09	V
	18089	-53.30	-40	-13.30	-66.43	-69.52	1.76	17.98	V
	21707	-51.47	-40	-11.47	-70.34	-68.26	1.99	18.78	V
	25322	-52.10	-40	-12.10	-76.58	-68.71	2.14	18.75	V



Highest	7360	-61.16	-40	-21.16	-63.3	-70.57	1.91	11.32	H
	11045	-60.33	-40	-20.33	-63.47	-68.65	2.63	10.95	H
	14724	-53.27	-40	-13.27	-61.35	-62.07	2.91	11.72	H
	18422	-48.15	-40	-8.15	-67.95	-64.19	1.87	17.92	H
	22096	-46.28	-40	-6.28	-70.65	-63.07	2.08	18.86	H
	25770	-48.54	-40	-8.54	-77.27	-65.56	2.03	19.05	H
	7360	-61.47	-40	-21.47	-63.43	-70.88	1.91	11.32	V
	11045	-59.85	-40	-19.85	-62.82	-68.17	2.63	10.95	V
	14724	-54.10	-40	-14.10	-60.54	-62.90	2.91	11.72	V
	18422	-54.24	-40	-14.24	-66.61	-70.28	1.87	17.92	V
	22096	-52.86	-40	-12.86	-70.97	-69.65	2.08	18.86	V
	25770	-52.03	-40	-12.03	-77.16	-69.05	2.03	19.05	V

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

**LTE Band CA 48C**

LTE Band CA 48C / 20+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	-45.89	-40	-5.89	-49.96	-55.77	1.80	11.68	H
	10710	-44.38	-40	-4.38	-52.24	-52.78	2.50	10.90	H
	14272	-55.45	-40	-15.45	-67.64	-64.13	2.86	11.55	H
	21418	-46.07	-40	-6.07	-72.5	-62.82	1.95	18.70	H
	24981	-48.64	-40	-8.64	-74.89	-64.83	2.08	18.27	H
	28556	-49.19	-40	-9.19	-77.44	-66.41	2.31	19.53	H
									H
	7140	-44.12	-40	-4.12	-47.83	-54.00	1.80	11.68	V
	10710	-49.18	-40	-9.18	-56.8	-57.58	2.50	10.90	V
	14272	-56.01	-40	-16.01	-67.77	-64.69	2.86	11.55	V
	21418	-53.99	-40	-13.99	-73.33	-70.74	1.95	18.70	V
	24981	-52.79	-40	-12.79	-75.48	-68.98	2.08	18.27	V
	28556	-52.33	-40	-12.33	-77.43	-69.55	2.31	19.53	V
									V
Middle	7250	-44.89	-40	-4.89	-48.98	-54.54	1.86	11.50	H
	10875	-43.39	-40	-3.39	-51.5	-51.71	2.59	10.90	H
	14498	-57.35	-40	-17.35	-69.5	-65.50	2.85	11.00	H
	18122	-51.09	-40	-11.09	-70.53	-67.29	1.77	17.98	H
	21751	-44.49	-40	-4.49	-69.71	-61.28	2.01	18.80	H
	25367	-46.90	-40	-6.90	-75.36	-63.57	2.15	18.81	H
									H
	7250	-43.02	-40	-3.02	-46.87	-52.67	1.86	11.50	V
	10875	-50.17	-40	-10.17	-58.08	-58.49	2.59	10.90	V
	14498	-57.55	-40	-17.55	-68.8	-65.70	2.85	11.00	V
	18122	-58.25	-40	-18.25	-71.27	-74.45	1.77	17.98	V
	21751	-49.95	-40	-9.95	-68.53	-66.74	2.01	18.80	V
	25367	-50.47	-40	-10.47	-75.18	-67.14	2.15	18.81	V
									V



Highest	7360	-47.43	-40	-7.43	-51.4	-56.84	1.91	11.32	H
	11040	-46.37	-40	-6.37	-54.77	-54.68	2.63	10.95	H
	14718	-53.29	-40	-13.29	-66.63	-62.08	2.91	11.70	H
	18399	-47.51	-40	-7.51	-67.29	-63.56	1.87	17.92	H
	22073	-43.63	-40	-3.63	-67.84	-60.42	2.08	18.87	H
	25747	-47.07	-40	-7.07	-75.84	-64.08	2.04	19.05	H
									H
	7360	-46.75	-40	-6.75	-50.54	-56.16	1.91	11.32	V
	11040	-52.03	-40	-12.03	-60.26	-60.34	2.63	10.95	V
	14718	-55.25	-40	-15.25	-66.95	-64.04	2.91	11.70	V
	18399	-56.13	-40	-16.13	-68.55	-72.18	1.87	17.92	V
	22073	-50.95	-40	-10.95	-68.9	-67.74	2.08	18.87	V
	25747	-50.52	-40	-10.52	-75.68	-67.53	2.04	19.05	V
									V

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