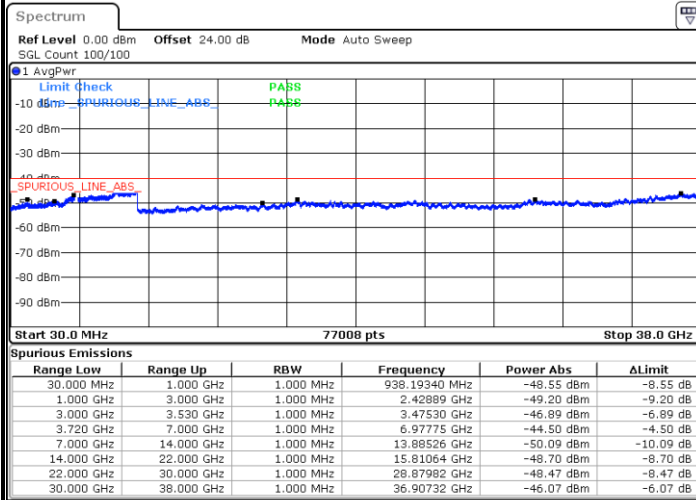




LTE Band 48 / 5MHz

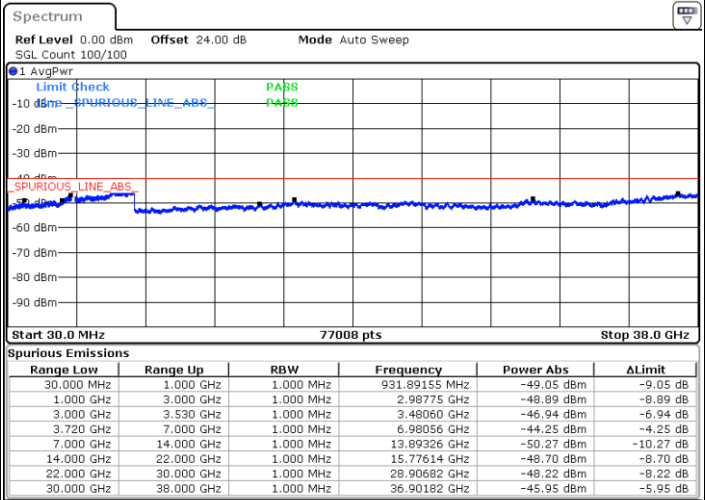
64QAM

Middle Channel / 1RB0



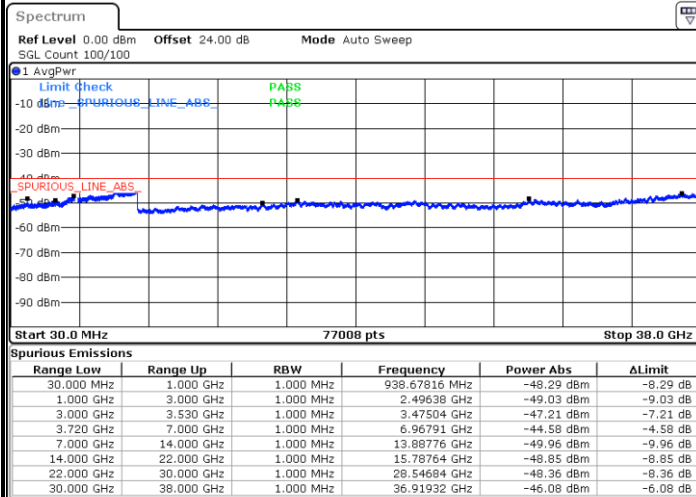
Date: 15.APR.2020 23:53:16

Middle Channel / 1RBmax



Date: 16.APR.2020 00:11:17

Middle Channel / FullIRB



Date: 16.APR.2020 00:02:17

N/A

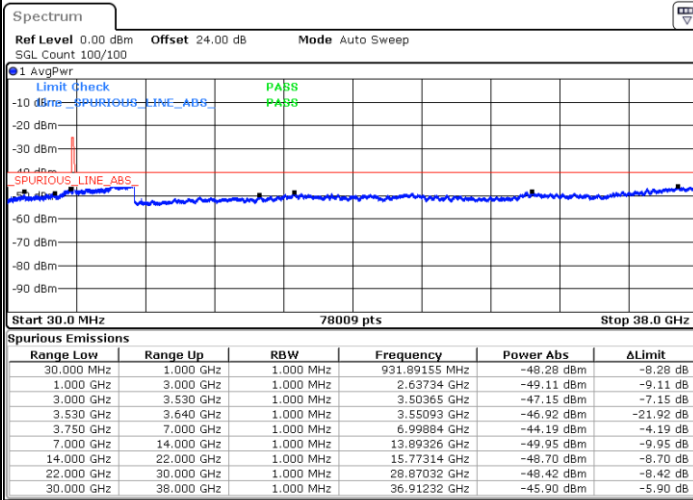


LTE Band 48 / 5MHz

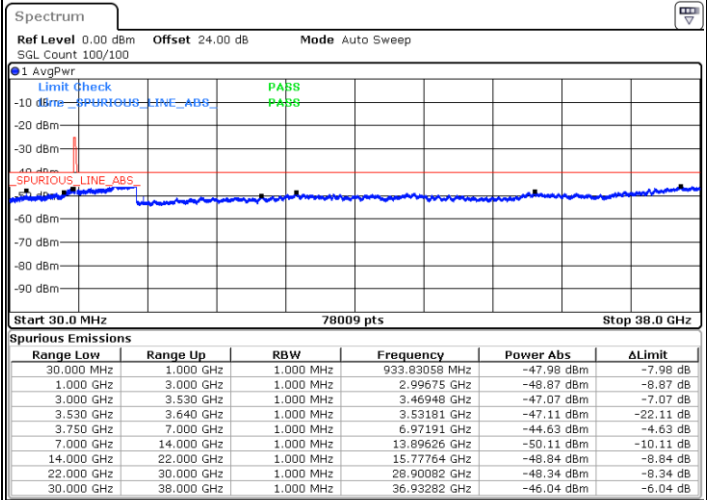
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



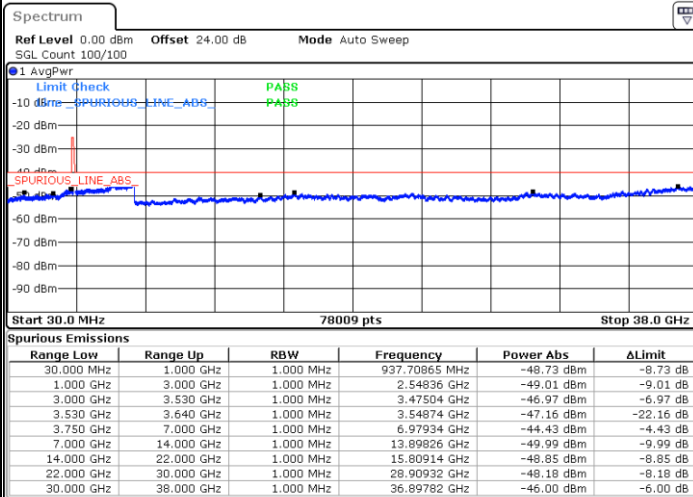
Date: 15.APR.2020 23:58:16



Date: 16.APR.2020 00:16:17

Highest Channel / FullIRB

N/A



Date: 16.APR.2020 00:07:17

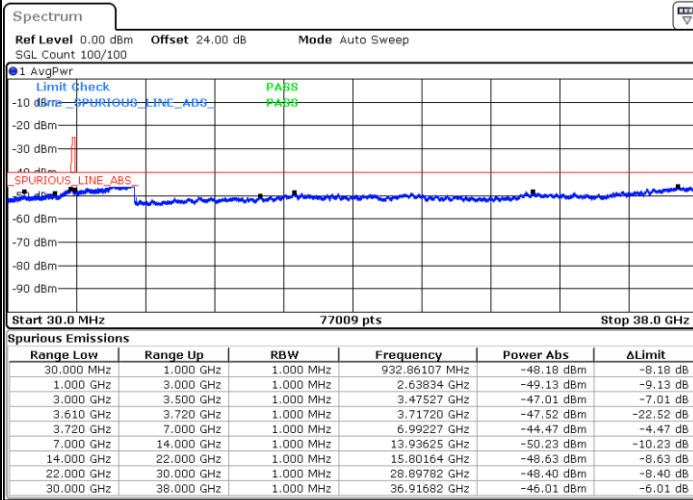


LTE Band 48 / 10MHz

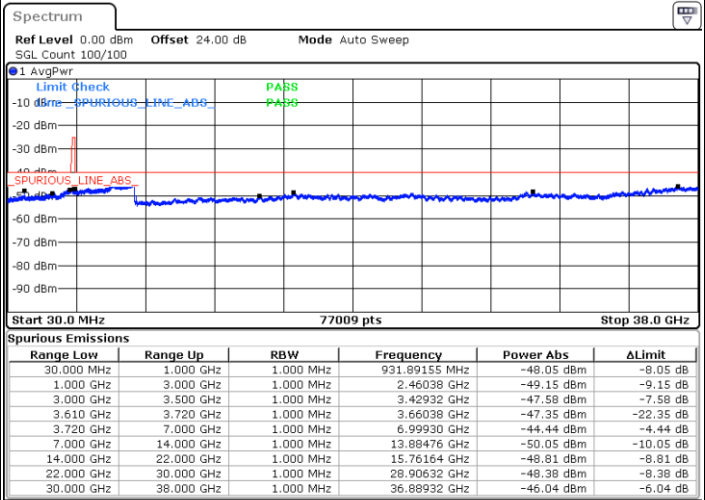
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



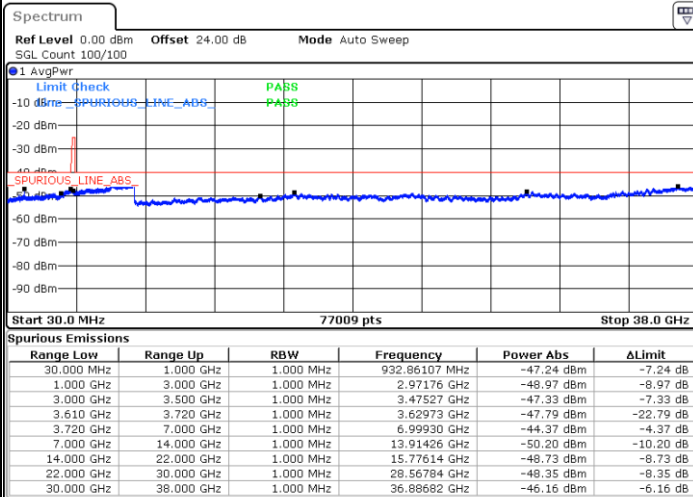
Date: 16.APR.2020 00:17:19



Date: 16.APR.2020 00:35:20

Lowest Channel / FullRB

N/A



Date: 16.APR.2020 00:26:20

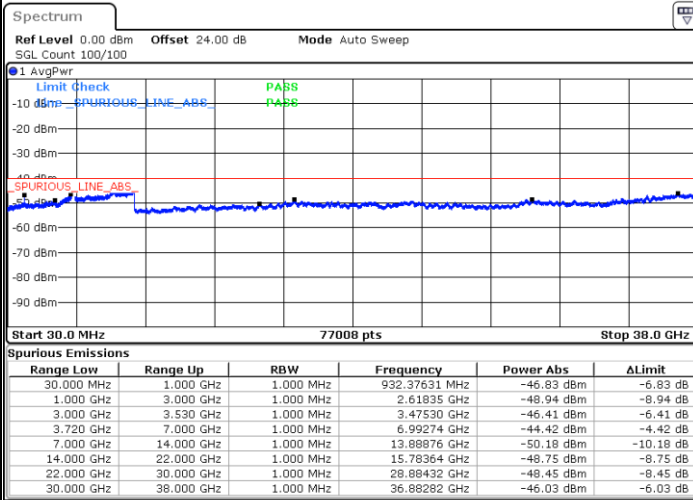


LTE Band 48 / 10MHz

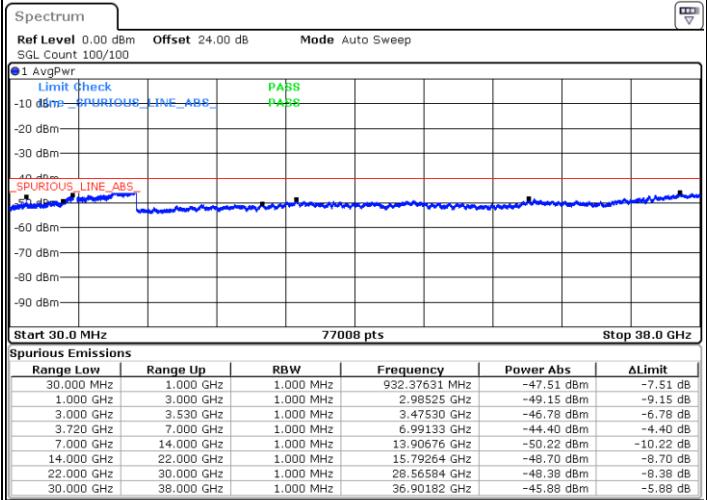
64QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



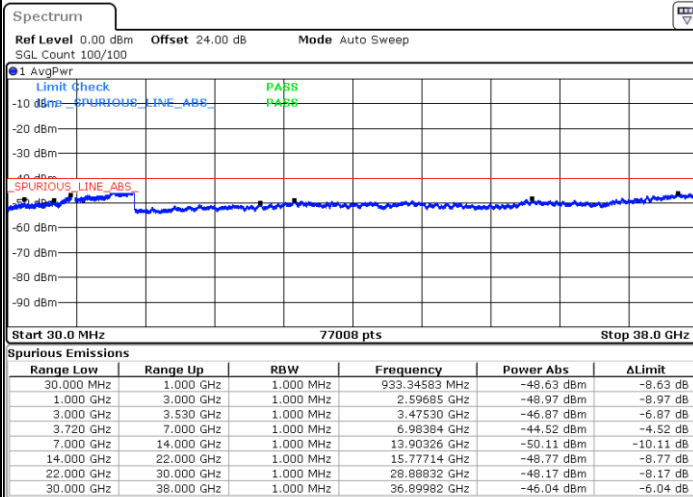
Date: 16.APR.2020 00:22:19



Date: 16.APR.2020 00:40:20

Middle Channel / FullIRB

N/A



Date: 16.APR.2020 00:31:20

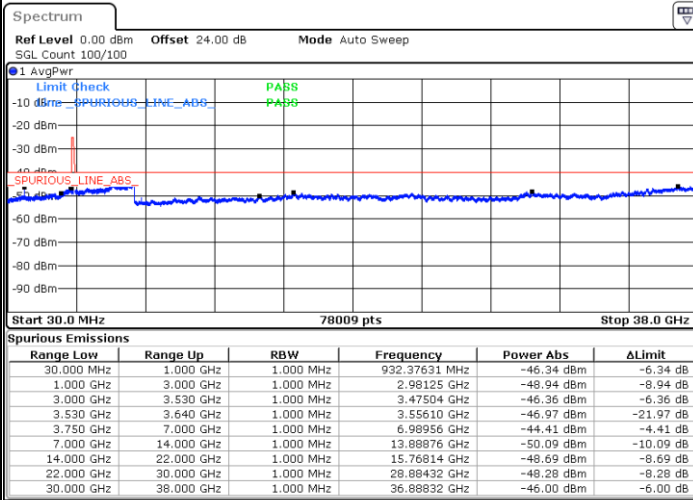


LTE Band 48 / 10MHz

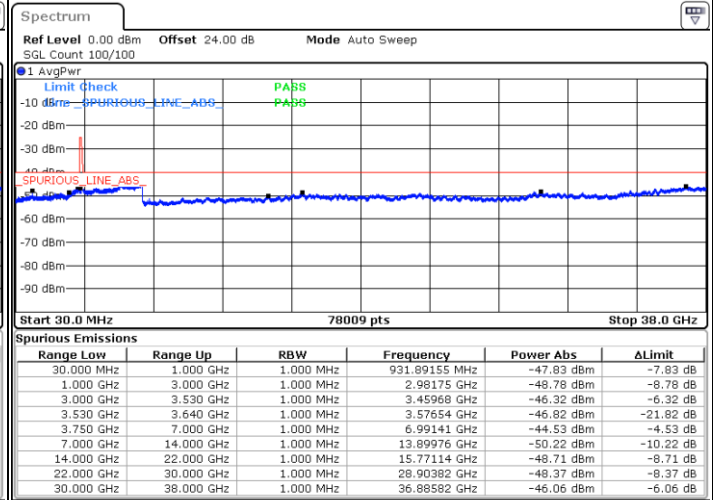
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



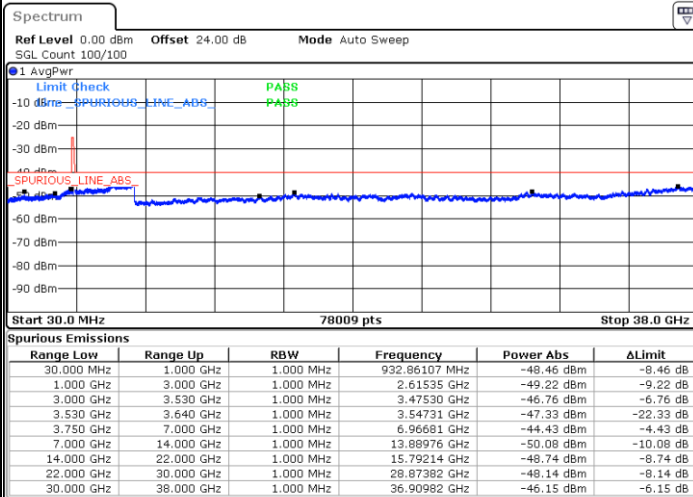
Date: 16.APR.2020 00:23:19



Date: 16.APR.2020 00:41:20

Highest Channel / FullIRB

N/A



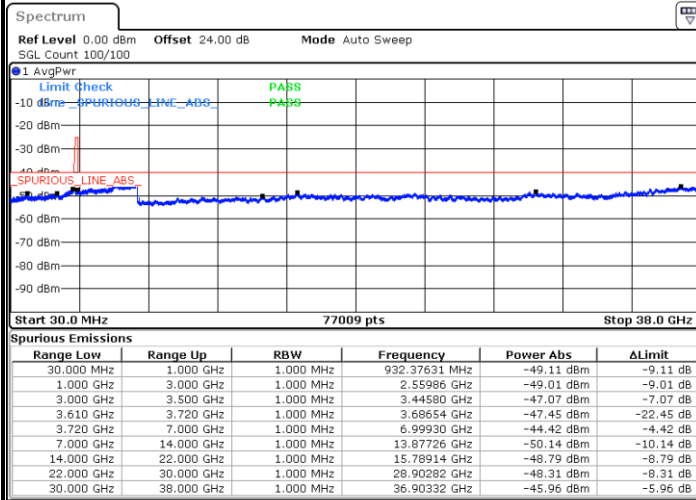
Date: 16.APR.2020 00:32:19



LTE Band 48 / 15MHz

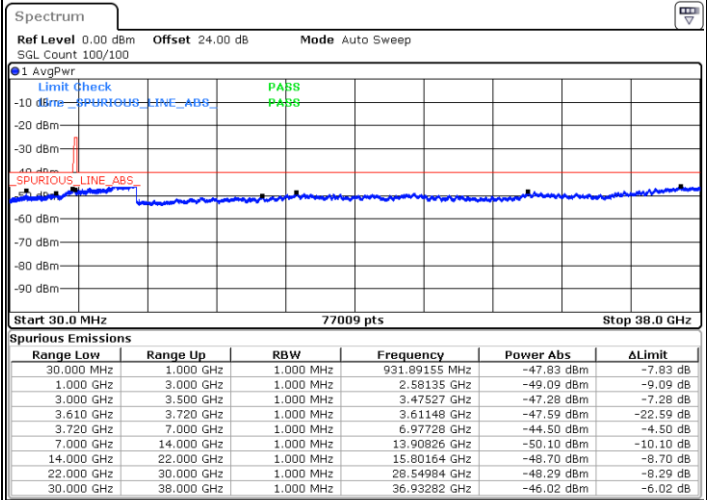
64QAM

Lowest Channel / 1RB0



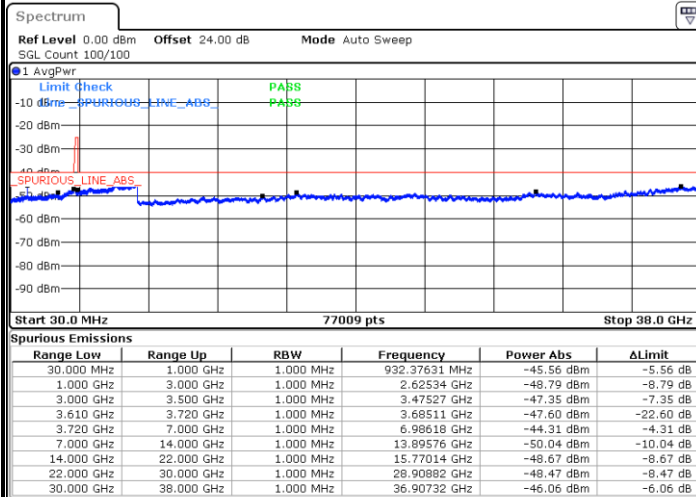
Date: 16.APR.2020 00:46:23

Lowest Channel / 1RBmax



Date: 16.APR.2020 01:04:23

Lowest Channel / FullRB



Date: 16.APR.2020 00:55:23

N/A

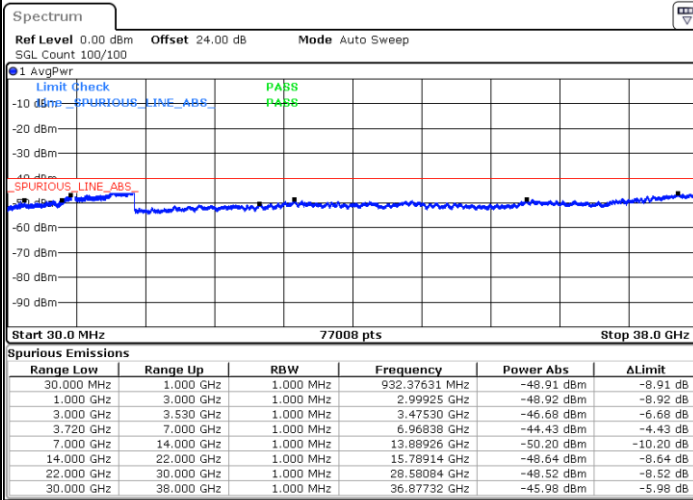


LTE Band 48 / 15MHz

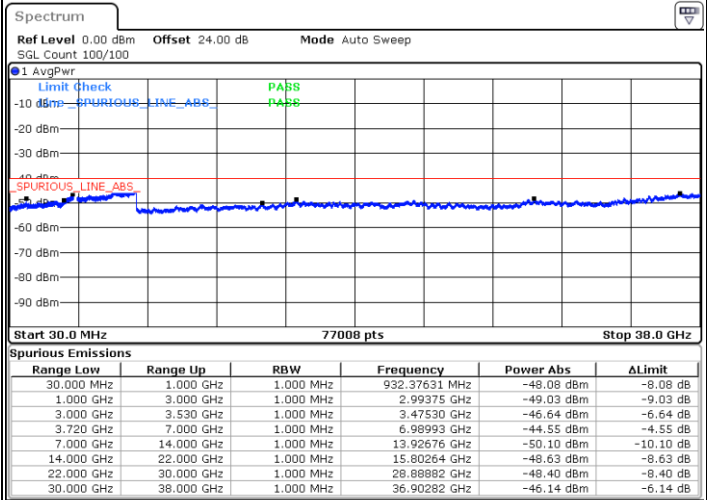
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



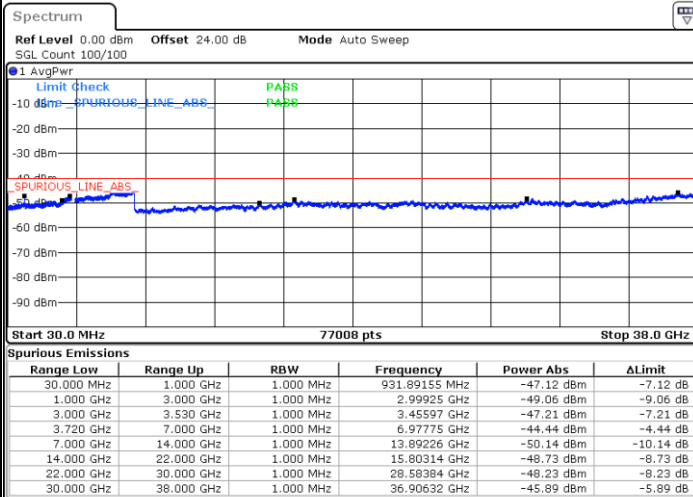
Date: 16.APR.2020 00:47:23



Date: 16.APR.2020 01:05:23

Middle Channel / FullIRB

N/A



Date: 16.APR.2020 00:56:23

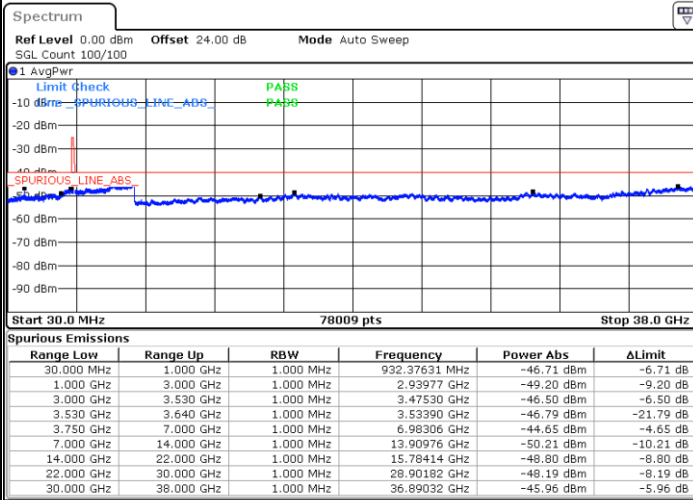


LTE Band 48 / 15MHz

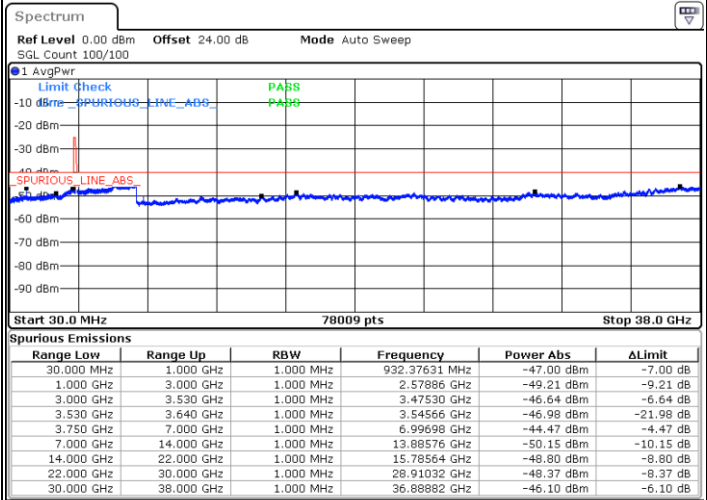
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



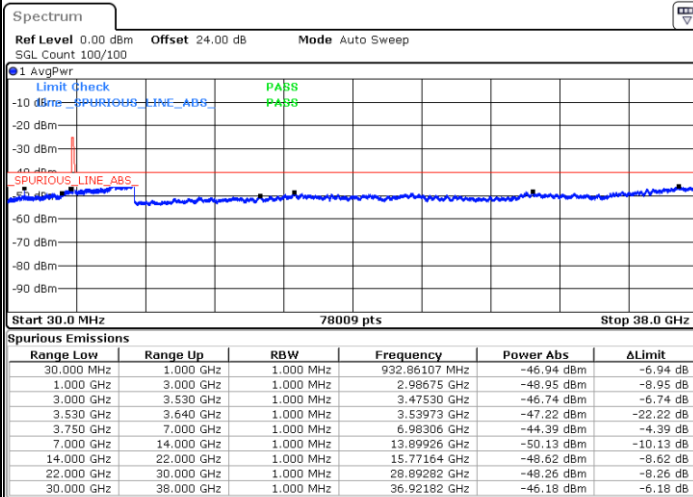
Date: 16.APR.2020 00:52:23



Date: 16.APR.2020 01:10:23

Highest Channel / FullIRB

N/A



Date: 16.APR.2020 01:01:22

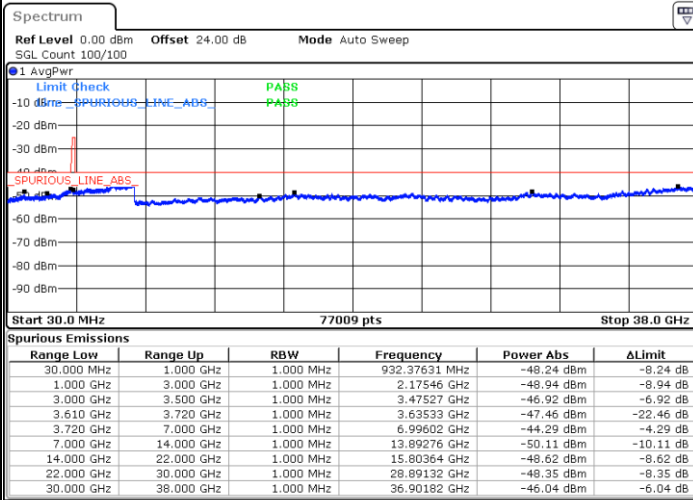


LTE Band 48 / 20MHz

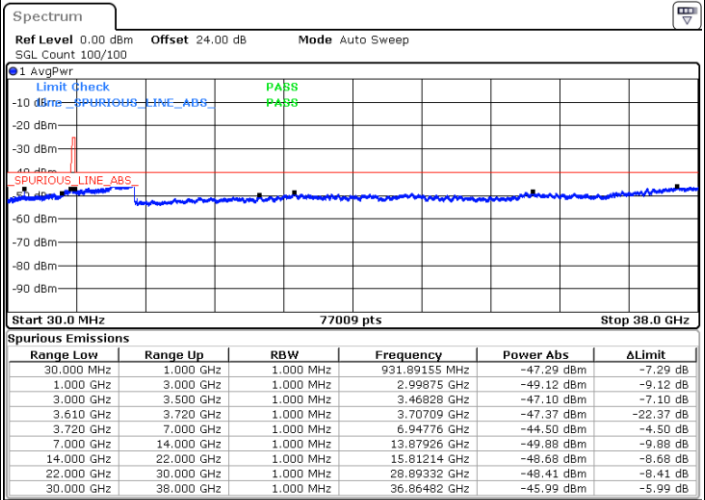
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



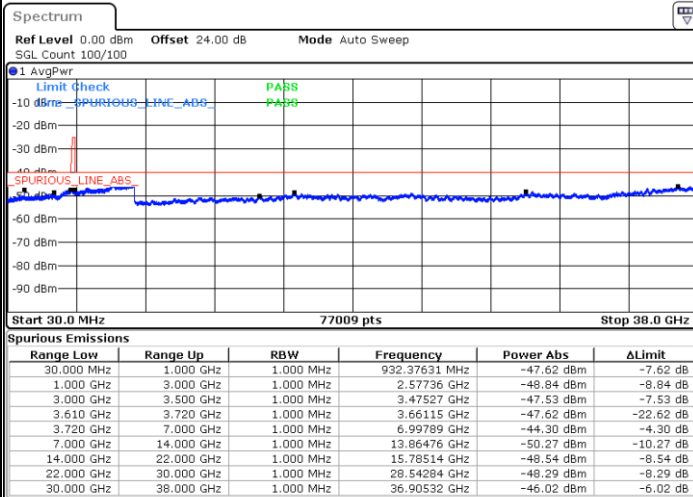
Date: 16.APR.2020 01:20:26



Date: 16.APR.2020 01:29:27

Lowest Channel / FullRB

N/A



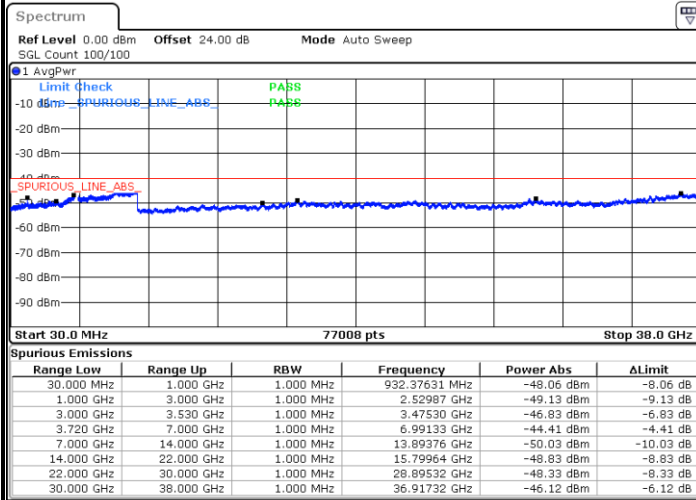
Date: 16.APR.2020 01:11:25



LTE Band 48 / 20MHz

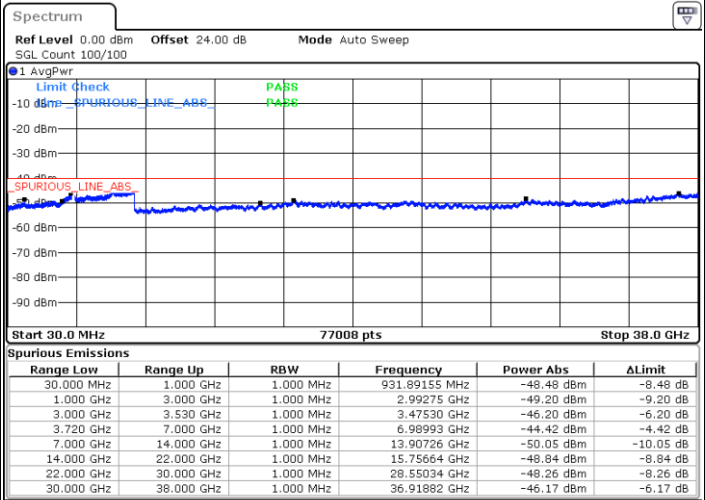
64QAM

Middle Channel / 1RB0



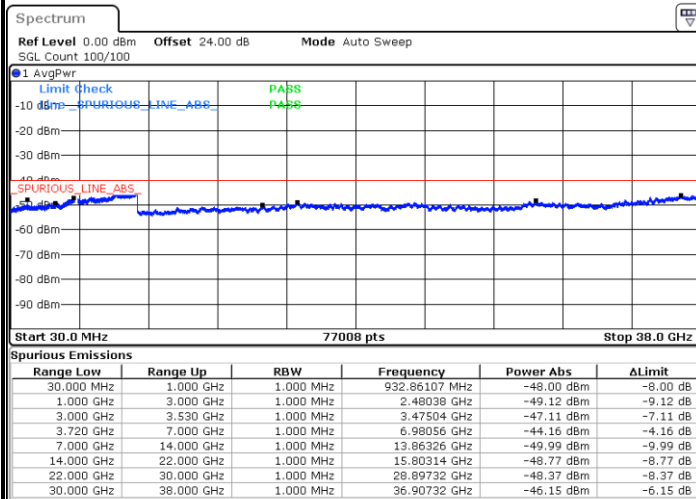
Date: 16.APR.2020 01:25:26

Middle Channel / 1RBmax



Date: 16.APR.2020 01:34:27

Middle Channel / FullIRB



Date: 16.APR.2020 01:16:25

N/A

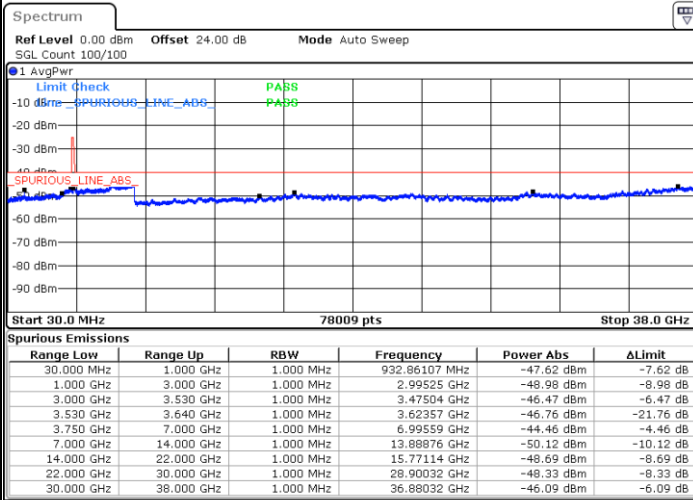


LTE Band 48 / 20MHz

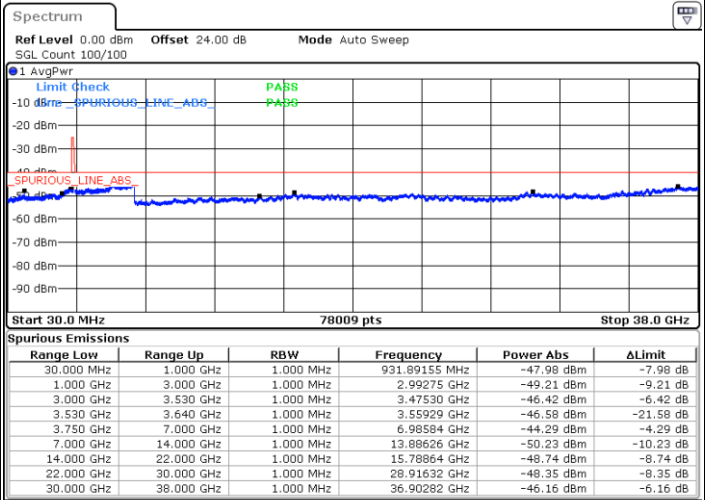
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



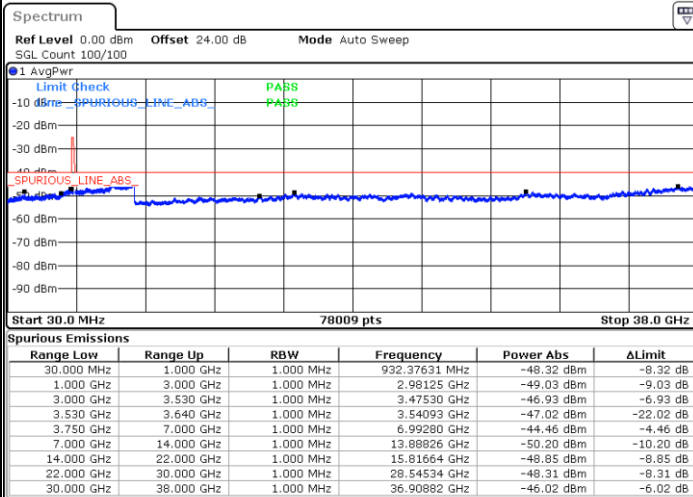
Date: 16.APR.2020 01:26:26



Date: 16.APR.2020 01:35:27

Highest Channel / FullIRB

N/A



Date: 16.APR.2020 01:17:25

Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =110.0 V. ; Battery End Point (BEP) =100.0 V. ; Maximum Voltage =120.0 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

**EIRP Power Density**

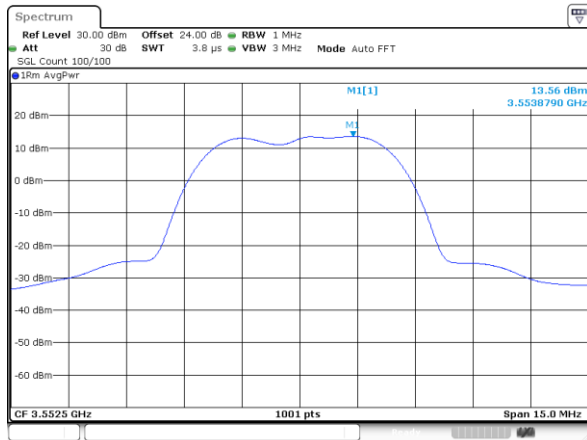
Mode	LTE Band 48 : Conducted Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	13.56	14.28	11.08	10.68	10.32	9.51	8.71	8.26
Middle CH	-	-	-	-	13.84	12.50	12.46	11.15	10.24	9.15	9.37	8.89
Highest CH	-	-	-	-	15.04	14.74	12.67	11.53	11.76	10.25	10.86	9.29
Mode	LTE Band 48 : Conducted Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	11.45	-	9.56	-	8.32	-	8.23	-
Middle CH	-	-	-	-	12.42	-	9.76	-	9.01	-	7.53	-
Highest CH	-	-	-	-	13.23	-	10.69	-	9.48	-	7.59	-

Mode	LTE Band 48 : EIRP Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	24.56	25.28	22.08	21.68	21.32	20.51	19.71	19.26
Middle CH	-	-	-	-	24.84	23.50	23.46	22.15	21.24	20.15	20.37	19.89
Highest CH	-	-	-	-	26.04	25.74	23.67	22.53	22.76	21.25	21.86	20.29
Mode	LTE Band 48 : EIRP Power Density (dBm/MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	22.45	-	20.56	-	19.32	-	19.23	-
Middle CH	-	-	-	-	23.42	-	20.76	-	20.01	-	18.53	-
Highest CH	-	-	-	-	24.23	-	21.69	-	20.48	-	18.59	-
Antenna Gain	11 dBi											
Limit	37dBm / MHz											
Result	Pass											

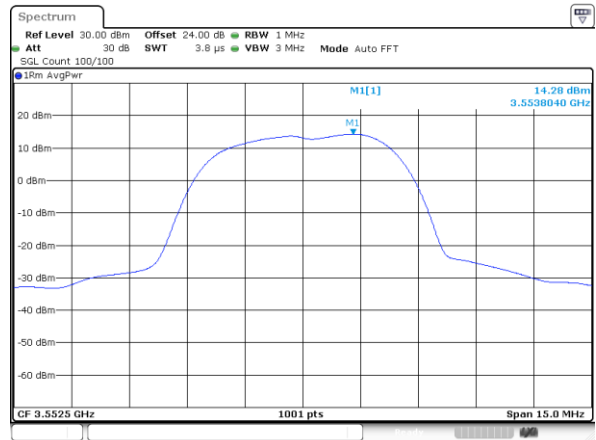


LTE Band 48 / 5MHz

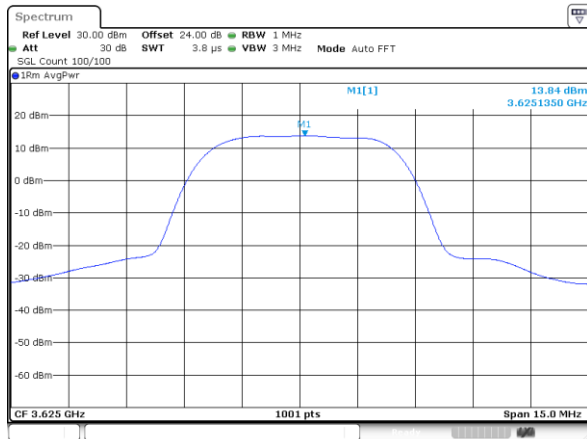
Lowest Channel / 5MHz / Full / QPSK



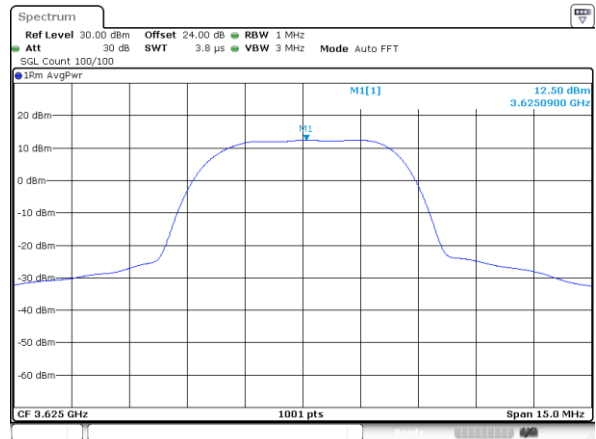
Lowest Channel / 5MHz / Full / 16QAM



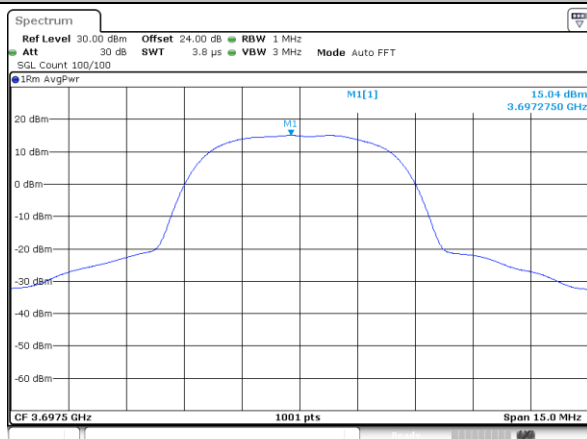
Middle Channel / 5MHz / Full / QPSK



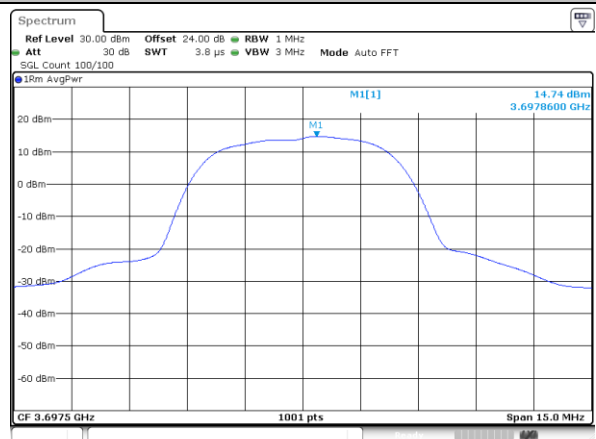
Middle Channel / 5MHz / Full / 16QAM



Highest Channel / 5MHz / Full / QPSK



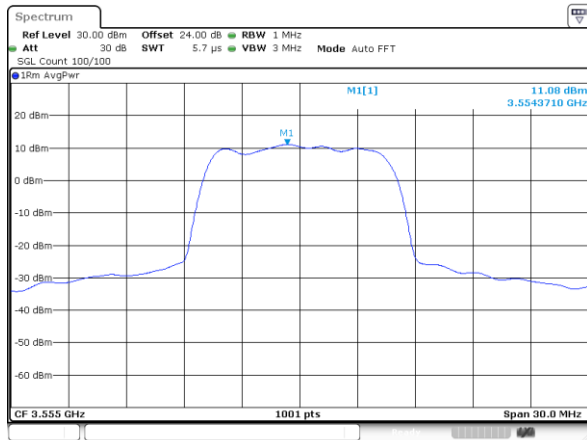
Highest Channel / 5MHz / Full / 16QAM





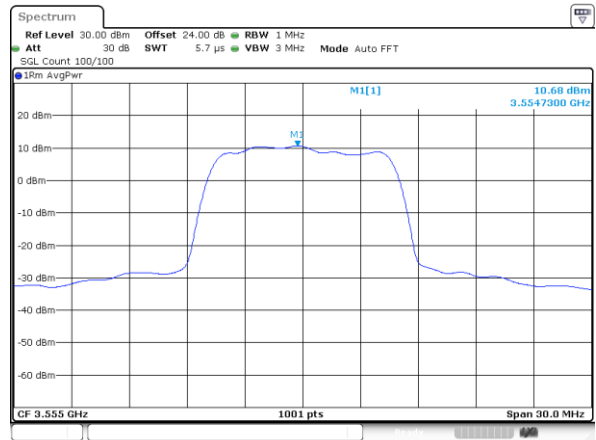
LTE Band 48 / 10MHz

Lowest Channel / 10MHz / Full / QPSK



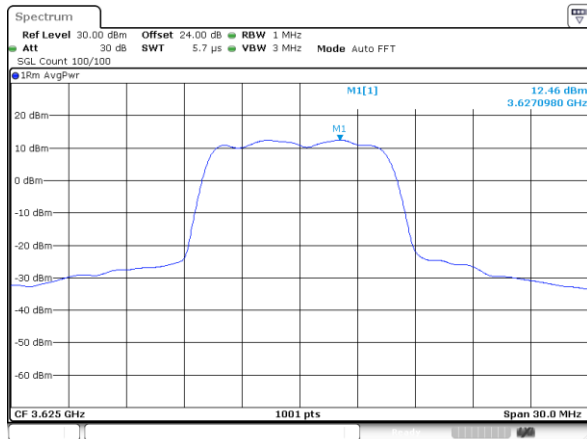
Date: 23.APR.2020 01:20:30

Lowest Channel / 10MHz / Full / 16QAM



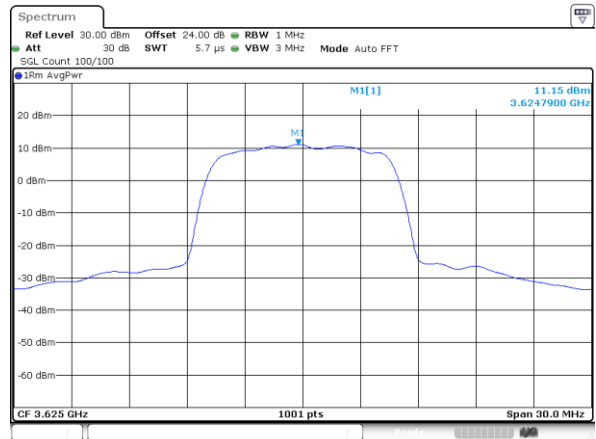
Date: 23.APR.2020 01:20:10

Middle Channel / 10MHz / Full / QPSK



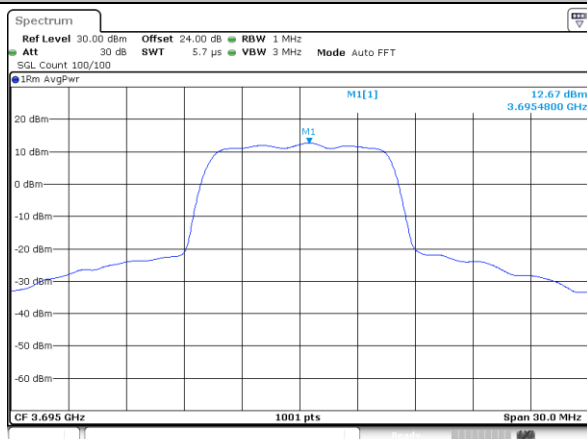
Date: 23.APR.2020 01:20:50

Middle Channel / 10MHz / Full / 16QAM



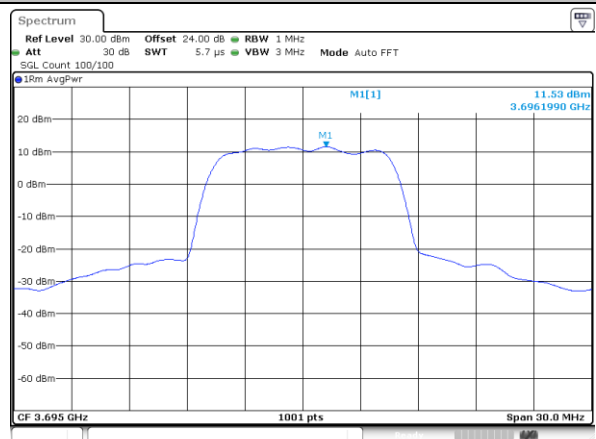
Date: 23.APR.2020 01:21:10

Highest Channel / 10MHz / Full / QPSK



Date: 23.APR.2020 01:22:30

Highest Channel / 10MHz / Full / 16QAM

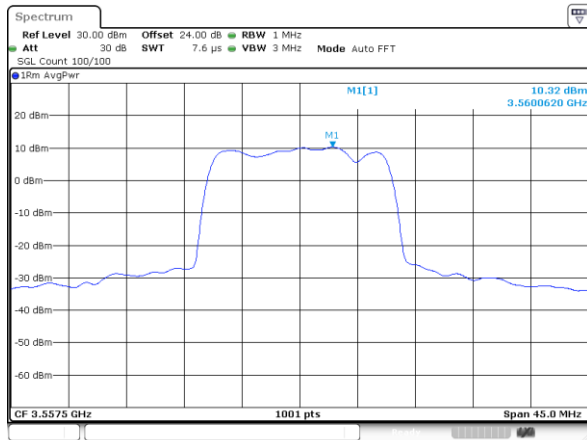


Date: 23.APR.2020 01:22:10



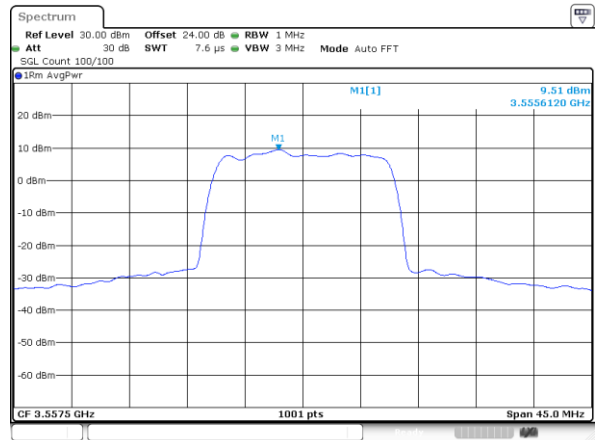
LTE Band 48 / 15MHz

Lowest Channel / 15MHz / Full / QPSK



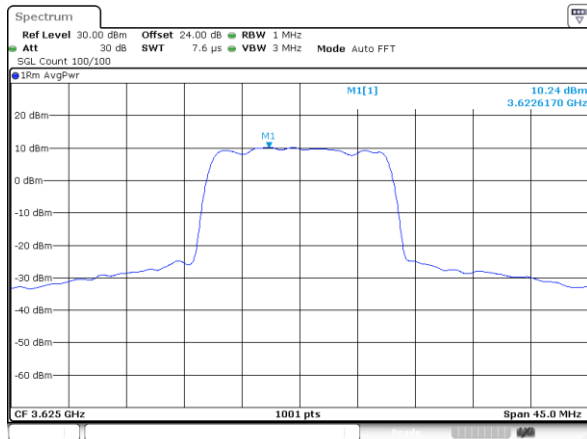
Date: 23.APR.2020 01:22:50

Lowest Channel / 15MHz / Full / 16QAM



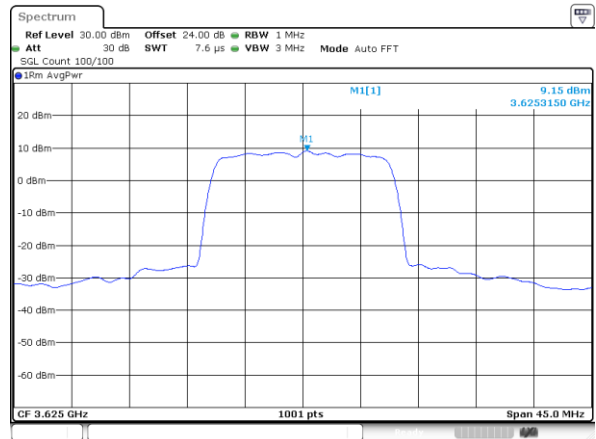
Date: 23.APR.2020 01:23:11

Middle Channel / 15MHz / Full / QPSK



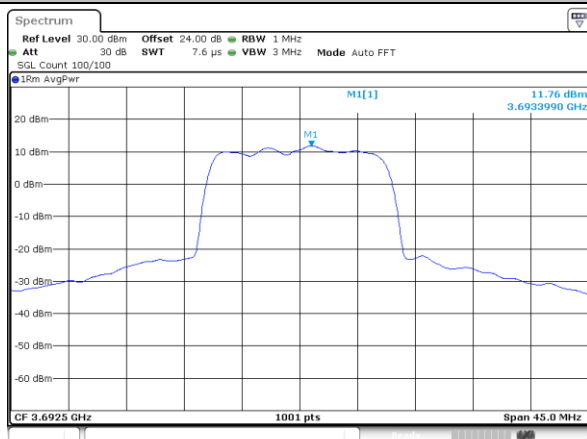
Date: 23.APR.2020 01:24:31

Middle Channel / 15MHz / Full / 16QAM



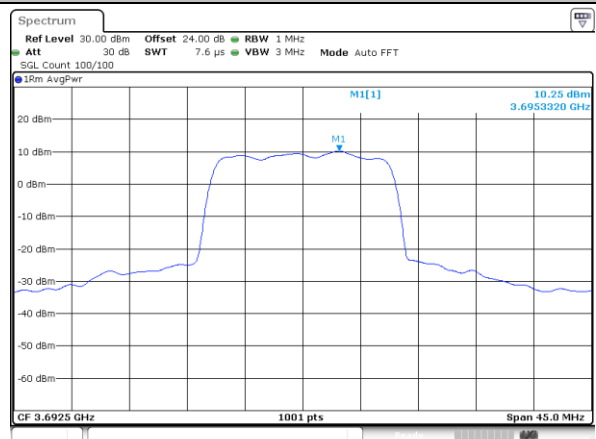
Date: 23.APR.2020 01:24:11

Highest Channel / 15MHz / Full / QPSK



Date: 23.APR.2020 01:24:51

Highest Channel / 15MHz / Full / 16QAM

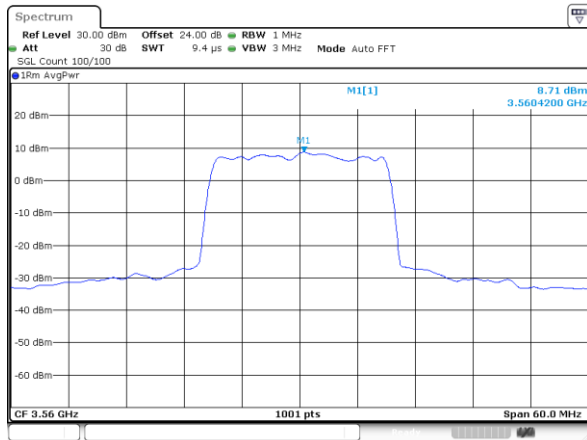


Date: 23.APR.2020 01:25:11



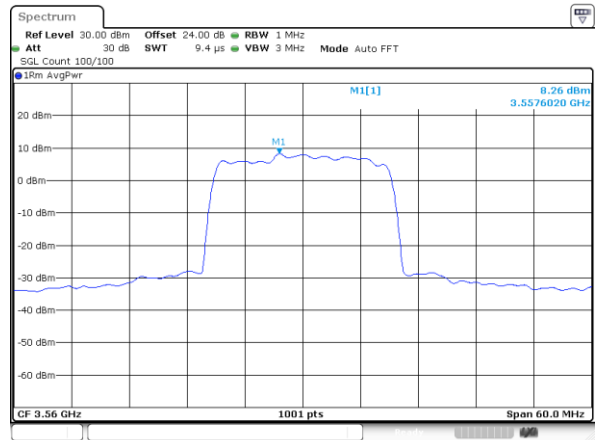
LTE Band 48 / 20MHz

Lowest Channel / 20MHz / Full / QPSK



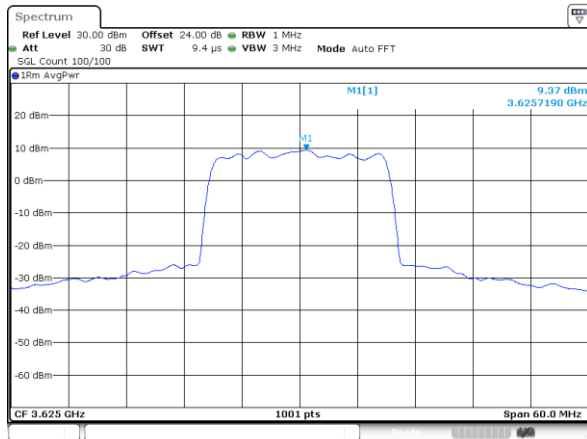
Date: 23.APR.2020 01:26:33

Lowest Channel / 20MHz / Full / 16QAM



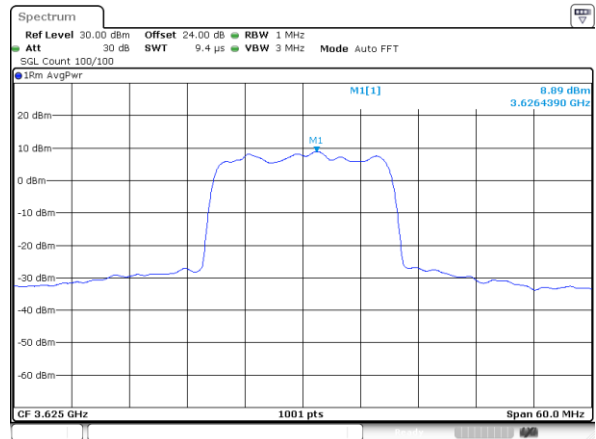
Date: 23.APR.2020 01:26:13

Middle Channel / 20MHz / Full / QPSK



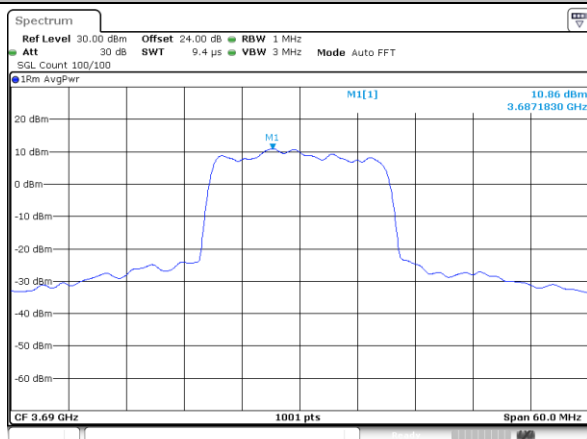
Date: 23.APR.2020 01:26:53

Middle Channel / 20MHz / Full / 16QAM



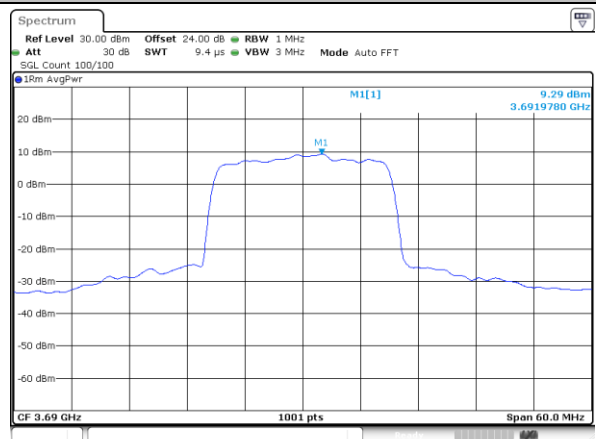
Date: 23.APR.2020 01:27:13

Highest Channel / 20MHz / Full / QPSK



Date: 23.APR.2020 01:28:33

Highest Channel / 20MHz / Full / 16QAM

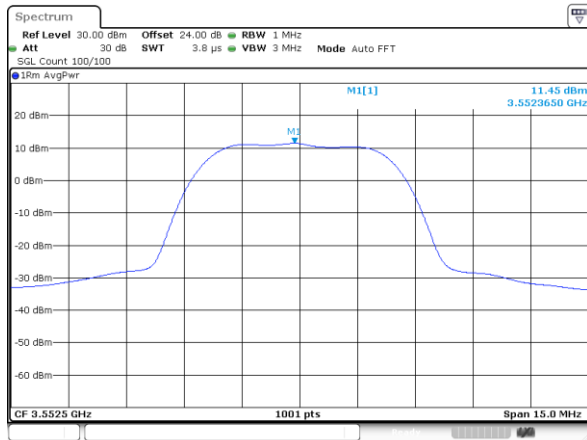


Date: 23.APR.2020 01:28:12



LTE Band 48 / 5MHz

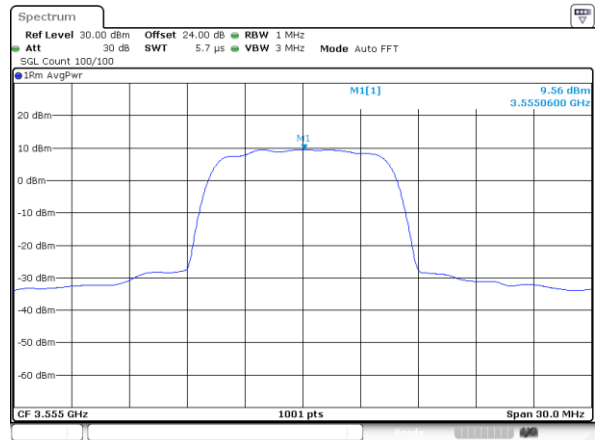
Lowest Channel / 5MHz / Full / 64QAM



Date: 23.APR.2020 01:17:29

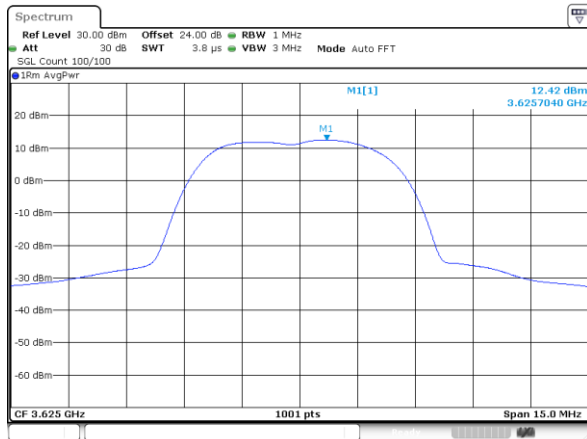
LTE Band 48 / 10MHz

Lowest Channel / 10MHz / Full / 64QAM



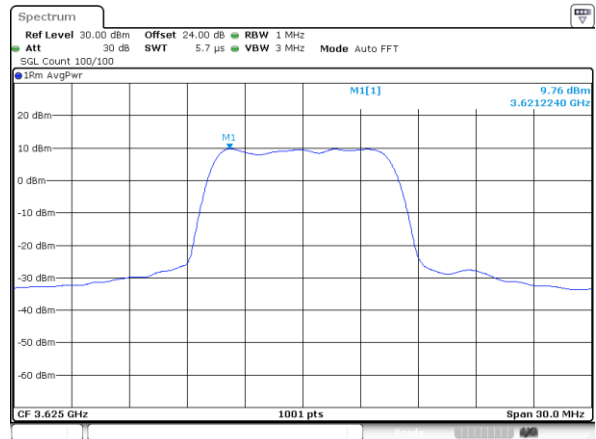
Date: 23.APR.2020 01:19:49

Middle Channel / 5MHz / Full / 64QAM



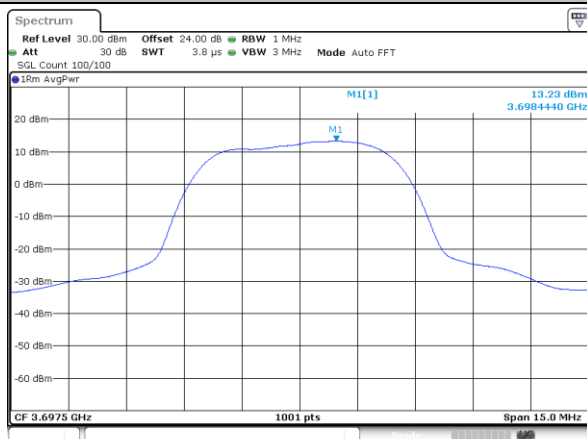
Date: 23.APR.2020 01:17:49

Middle Channel / 10MHz / Full / 64QAM



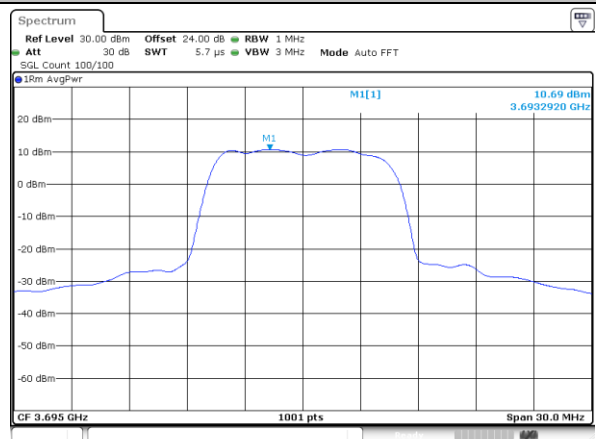
Date: 23.APR.2020 01:21:30

Highest Channel / 5MHz / Full / 64QAM



Date: 23.APR.2020 01:19:29

Highest Channel / 10MHz / Full / 64QAM

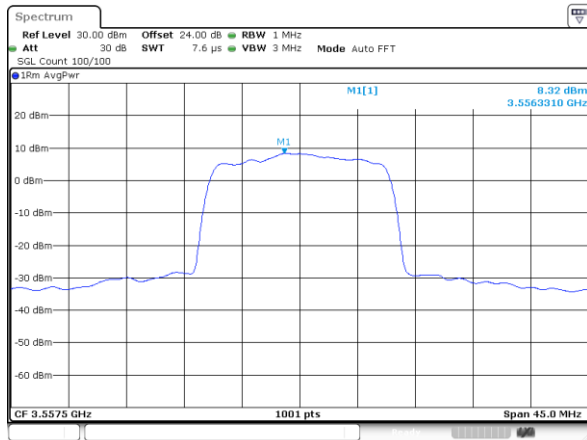


Date: 23.APR.2020 01:21:49



LTE Band 48 / 15MHz

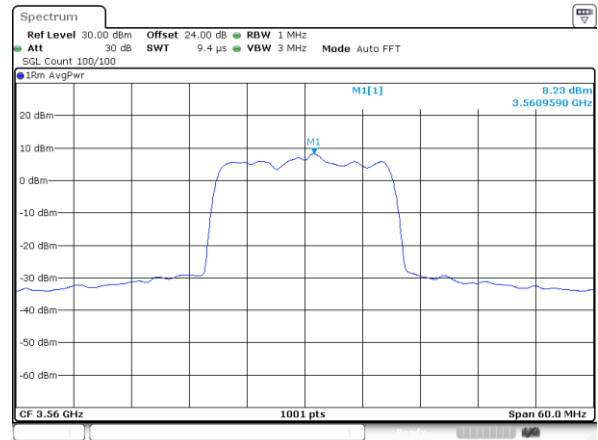
Lowest Channel / 15MHz / Full / 64QAM



Date: 23.APR.2020 01:23:31

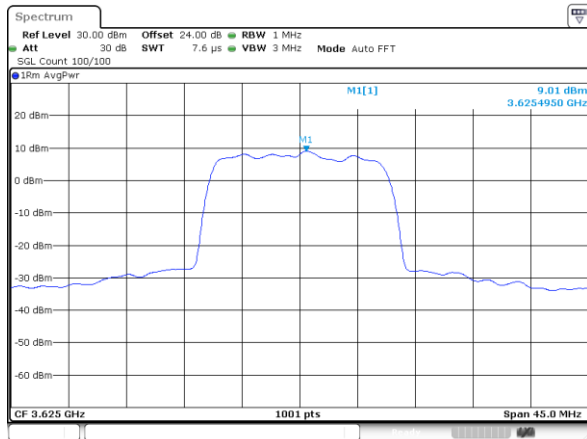
LTE Band 48 / 20MHz

Lowest Channel / 20MHz / Full / 64QAM



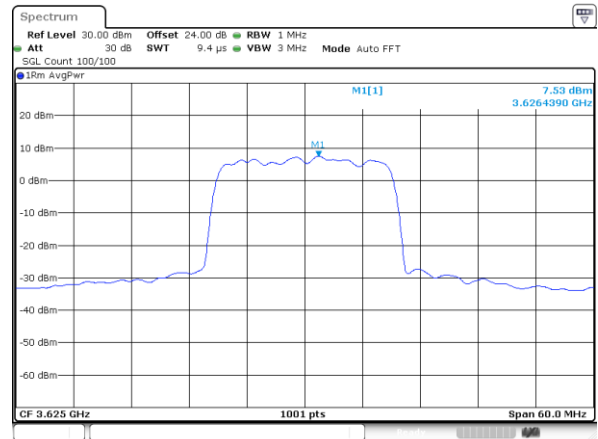
Date: 23.APR.2020 01:25:52

Middle Channel / 15MHz / Full / 64QAM



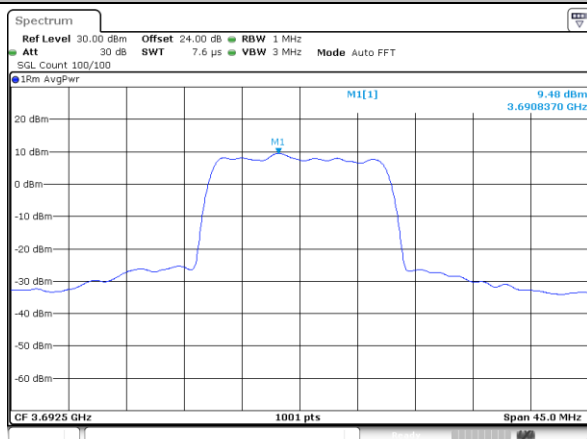
Date: 23.APR.2020 01:23:51

Middle Channel / 20MHz / Full / 64QAM



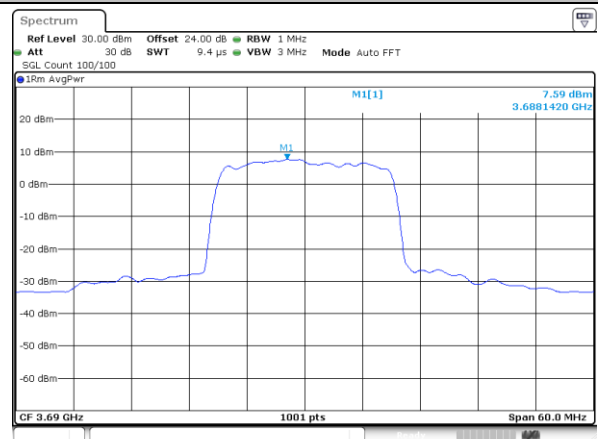
Date: 23.APR.2020 01:27:32

Highest Channel / 15MHz / Full / 64QAM



Date: 23.APR.2020 01:25:32

Highest Channel / 20MHz / Full / 64QAM



Date: 23.APR.2020 01:27:52



Appendix B. Test Results of EIRP and Radiated Test

<Ant. 0>

EIRP

<Reporting Only>

LTE Band 48 / 5MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.11	0.1626	33.11	2.0464
Middle		1	12	21.89	0.1545	32.89	1.9454
Highest		1	12	21.93	0.1560	32.93	1.9634
Lowest	16QAM	1	12	21.86	0.1535	32.86	1.9320
Middle		1	12	21.05	0.1274	32.05	1.6032
Highest		1	12	21.64	0.1459	32.64	1.8365
Lowest	64QAM	1	12	20.60	0.1148	31.60	1.4454
Middle		1	12	19.74	0.0942	30.74	1.1858
Highest		1	12	20.35	0.1084	31.35	1.3646

LTE Band 48 / 10MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.45	0.1758	33.45	2.2131
Middle		1	0	21.66	0.1466	32.66	1.8450
Highest		1	0	22.20	0.1660	33.20	2.0893
Lowest	16QAM	1	25	21.81	0.1517	32.81	1.9099
Middle		1	25	20.91	0.1233	31.91	1.5524
Highest		1	25	21.58	0.1439	32.58	1.8113
Lowest	64QAM	1	25	20.48	0.1117	31.48	1.4060
Middle		1	25	19.56	0.0904	30.56	1.1376
Highest		1	25	20.21	0.1050	31.21	1.3213

LTE Band 48 / 15MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.35	0.1718	33.35	2.1627
Middle		1	0	21.45	0.1396	32.45	1.7579
Highest		1	0	22.04	0.1600	33.04	2.0137
Lowest	16QAM	1	37	21.32	0.1355	32.32	1.7061
Middle		1	37	20.73	0.1183	31.73	1.4894
Highest		1	37	21.45	0.1396	32.45	1.7579
Lowest	64QAM	1	37	19.98	0.0995	30.98	1.2531
Middle		1	37	19.40	0.0871	30.40	1.0965
Highest		1	37	20.10	0.1023	31.10	1.2882



LTE Band 48 / 20MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.47	0.1766	33.47	2.2233
Middle		1	0	21.58	0.1439	32.58	1.8113
Highest		1	0	22.07	0.1611	33.07	2.0277
Lowest	16QAM	1	0	21.63	0.1455	32.63	1.8323
Middle		1	0	20.73	0.1183	31.73	1.4894
Highest		1	0	21.33	0.1358	32.33	1.7100
Lowest	64QAM	1	0	20.20	0.1047	31.20	1.3183
Middle		1	0	19.38	0.0867	30.38	1.0914
Highest		1	0	20.01	0.1002	31.01	1.2618



EIRP Power

LTE Band 48 / Conducted Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	22.11	21.86	20.6
Middle CH	-	-	-	-	-	-	21.89	21.05	19.74
Highest CH	-	-	-	-	-	-	21.93	21.64	20.35
LTE Band 48 / Conducted Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	22.45	21.81	20.48	22.35	21.32	19.98	22.47	21.63	20.20
Middle CH	21.66	20.91	19.56	21.45	20.73	19.40	21.58	20.73	19.38
Highest CH	22.2	21.58	20.21	22.04	21.45	20.10	22.07	21.33	20.01

LTE Band 48 / EIRP Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	33.11	32.86	31.6
Middle CH	-	-	-	-	-	-	32.89	32.05	30.74
Highest CH	-	-	-	-	-	-	32.93	32.64	31.35
LTE Band 48 / EIRP Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	33.45	32.81	31.48	33.35	32.32	30.98	33.47	32.63	31.20
Middle CH	32.66	31.91	30.56	32.45	31.73	30.40	32.58	31.73	30.38
Highest CH	33.2	32.58	31.21	33.04	32.45	31.10	33.07	32.33	31.01
Antenna Gain	11 dBi								
Limit	47dBm / 10MHz								
Result	Pass								



MIMO <Ant. 0+1>

EIRP

LTE Band 48 / 5MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.29	0.1346	32.29	1.6943
Middle		1	12	21.24	0.1330	32.24	1.6749
Highest		1	12	21.41	0.1384	32.41	1.7418
Lowest	16QAM	1	12	20.71	0.1178	31.71	1.4825
Middle		1	12	20.45	0.1109	31.45	1.3964
Highest		1	12	21.25	0.1334	32.25	1.6788
Lowest	64QAM	1	12	19.53	0.0897	30.53	1.1298
Middle		1	12	19.31	0.0853	30.31	1.0740
Highest		1	12	19.99	0.0998	30.99	1.2560

LTE Band 48 / 10MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	21.08	0.1282	32.08	1.6144
Middle		1	25	20.95	0.1245	31.95	1.5668
Highest		1	25	21.55	0.1429	32.55	1.7989
Lowest	16QAM	1	49	19.99	0.0998	30.99	1.2560
Middle		1	49	20.46	0.1112	31.46	1.3996
Highest		1	49	21.09	0.1285	32.09	1.6181
Lowest	64QAM	1	49	18.73	0.0746	29.73	0.9397
Middle		1	49	19.18	0.0828	30.18	1.0423
Highest		1	49	19.85	0.0966	30.85	1.2162

LTE Band 48 / 15MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.78	0.1197	31.78	1.5066
Middle		1	0	20.78	0.1197	31.78	1.5066
Highest		1	0	21.54	0.1426	32.54	1.7947
Lowest	16QAM	1	0	19.84	0.0964	30.84	1.2134
Middle		1	0	19.80	0.0955	30.80	1.2023
Highest		1	0	21.02	0.1265	32.02	1.5922
Lowest	64QAM	1	0	18.59	0.0723	29.59	0.9099
Middle		1	0	18.50	0.0708	29.50	0.8913
Highest		1	0	19.71	0.0935	30.71	1.1776



LTE Band 48 / 20MHz (Average) (GT - LC = 11 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.40	0.1380	32.40	1.7378
Middle		1	0	21.22	0.1324	32.22	1.6672
Highest		1	0	21.56	0.1432	32.56	1.8030
Lowest	16QAM	1	99	19.52	0.0895	30.52	1.1272
Middle		1	99	20.76	0.1191	31.76	1.4997
Highest		1	99	21.29	0.1346	32.29	1.6943
Lowest	64QAM	1	99	18.26	0.0670	29.26	0.8433
Middle		1	99	19.49	0.0889	30.49	1.1194
Highest		1	99	20.02	0.1005	31.02	1.2647



EIRP Power

LTE Band 48 / Conducted Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	21.29	20.71	19.53
Middle CH	-	-	-	-	-	-	21.24	20.45	19.31
Highest CH	-	-	-	-	-	-	21.41	21.25	19.99
LTE Band 48 / Conducted Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	21.08	19.99	18.73	20.78	19.84	18.59	21.40	19.52	18.26
Middle CH	20.95	20.46	19.18	20.78	19.80	18.50	21.22	20.76	19.49
Highest CH	21.55	21.09	19.85	21.54	21.02	19.71	21.56	21.29	20.02

LTE Band 48 / EIRP Power									
BW	1.4MHz			3MHz			5MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	-	-	-	-	-	-	32.29	31.71	30.53
Middle CH	-	-	-	-	-	-	32.24	31.45	30.31
Highest CH	-	-	-	-	-	-	32.41	32.25	30.99
LTE Band 48 / EIRP Power									
BW	10MHz			15MHz			20MHz		
Mod.	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Lowest CH	32.08	30.99	29.73	31.78	30.84	29.59	32.40	30.52	29.26
Middle CH	31.95	31.46	30.18	31.78	30.80	29.50	32.22	31.76	30.49
Highest CH	32.55	32.09	30.85	32.54	32.02	30.71	32.56	32.29	31.02
Antenna Gain	11 dBi								
Limit	47dBm / 10MHz								
Result	Pass								

**Radiated Spurious Emission****LTE Band 48 (SISO)**

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	-51.12	-40	-11.12	-53.1	-61.08	1.78	11.74	H
	7120	-41.85	-40	-1.85	-43.9	-51.77	1.78	11.71	H
	10653	-41.75	-40	-1.75	-44.02	-50.18	2.47	10.90	H
	14204	-48.91	-40	-8.91	-55.97	-57.75	2.87	11.71	H
	21307	-52.12	-40	-12.12	-73.98	-68.84	1.98	18.70	H
	24858	-51.99	-40	-11.99	-76.65	-68.00	2.07	18.07	H
	28409	-46.55	-40	-6.55	-72.07	-63.80	2.32	19.56	H
	7102	-52.15	-40	-12.15	-53.74	-62.11	1.78	11.74	V
	7120	-43.65	-40	-3.65	-45.33	-53.57	1.78	11.71	V
	10653	-48.82	-40	-8.82	-50.84	-57.25	2.47	10.90	V
	14204	-51.17	-40	-11.17	-57.96	-60.01	2.87	11.71	V
	21307	-52.77	-40	-12.77	-74.49	-69.49	1.98	18.70	V
	24858	-50.76	-40	-10.76	-76.63	-66.77	2.07	18.07	V
	28409	-48.75	-40	-8.75	-76.09	-66.00	2.32	19.56	V
Middle	7232	-50.13	-40	-10.13	-52.51	-59.81	1.85	11.53	H
	7250	-43.92	-40	-3.92	-46.28	-53.57	1.86	11.50	H
	10848	-47.08	-40	-7.08	-49.41	-55.41	2.57	10.90	H
	14464	-50.83	-40	-10.83	-58.1	-59.06	2.85	11.09	H
	18080	-52.03	-40	-12.03	-70.14	-68.26	1.76	17.98	H
	21697	-50.89	-40	-10.89	-72.41	-67.68	1.99	18.78	H
	25313	-51.02	-40	-11.02	-76.18	-67.62	2.14	18.74	H
	7232	-48.81	-40	-8.81	-50.92	-58.49	1.85	11.53	V
	7250	-43.06	-40	-3.06	-45.17	-52.71	1.86	11.50	V
	10848	-51.00	-40	-11.00	-53.12	-59.33	2.57	10.90	V
	14464	-54.49	-40	-14.49	-60.93	-62.72	2.85	11.09	V
	18080	-52.11	-40	-12.11	-69.29	-68.34	1.76	17.98	V
	21697	-54.06	-40	-14.06	-75.57	-70.85	1.99	18.78	V
	25313	-50.52	-40	-10.52	-76.94	-67.12	2.14	18.74	V
Highest	7362	-51.91	-40	-11.91	-54.24	-61.32	1.92	11.32	H
	7380	-47.37	-40	-7.37	-49.69	-56.74	1.93	11.29	H
	11043	-48.02	-40	-8.02	-50.49	-56.34	2.63	10.95	H
	14724	-50.29	-40	-10.29	-59.13	-59.09	2.91	11.72	H
	18410	-51.02	-40	-11.02	-69.33	-67.07	1.87	17.92	H
	22084	-49.75	-40	-9.75	-71.91	-66.54	2.08	18.87	H
	25770	-49.86	-40	-9.86	-75.86	-66.88	2.03	19.05	H
	7362	-48.33	-40	-8.33	-48.48	-57.74	1.91	11.32	V
	7380	-43.95	-40	-3.95	-46.1	-53.32	1.93	11.29	V
	11043	-51.68	-40	-11.68	-53.99	-60.00	2.63	10.95	V
	14724	-51.71	-40	-11.71	-58.88	-60.51	2.91	11.72	V
	18410	-53.82	-40	-13.82	-71.26	-69.87	1.87	17.92	V
	22084	-53.31	-40	-13.31	-75.47	-70.10	2.08	18.87	V
	25770	-49.72	-40	-9.72	-76.9	-66.74	2.03	19.05	V

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

**LTE Band 48 (MIMO)**

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	-52.11	-40	-12.11	-54.08	-62.08	1.77	11.74	H
	7120	-41.84	-40	-1.84	-43.89	-51.76	1.78	11.71	H
	10655	-47.93	-40	-7.93	-50.2	-56.36	2.47	10.90	H
	14205	-54.12	-40	-14.12	-61.18	-62.96	2.87	11.71	H
	21307	-48.98	-40	-8.98	-70.83	-65.70	1.98	18.70	H
	24857	-50.93	-40	-10.93	-75.59	-66.94	2.07	18.07	H
	28408	-50.56	-40	-10.56	-76.08	-67.80	2.32	19.56	H
	7100	-54.27	-40	-14.27	-55.85	-64.24	1.77	11.74	V
	7120	-43.73	-40	-3.73	-45.41	-53.65	1.78	11.71	V
	10655	-51.67	-40	-11.67	-53.69	-60.10	2.47	10.90	V
	14205	-53.84	-40	-13.84	-60.63	-62.68	2.87	11.71	V
	21307	-53.04	-40	-13.04	-74.76	-69.76	1.98	18.70	V
	24857	-51.04	-40	-11.04	-76.91	-67.05	2.07	18.07	V
	28408	-48.60	-40	-8.60	-75.94	-65.84	2.32	19.56	V
Middle	7230	-47.99	-40	-7.99	-50.36	-57.68	1.84	11.53	H
	7250	-43.95	-40	-3.95	-46.31	-53.60	1.86	11.50	H
	10850	-44.62	-40	-4.62	-46.95	-52.95	2.57	10.90	H
	14462	-52.22	-40	-12.22	-59.49	-60.46	2.85	11.09	H
	18077	-43.83	-40	-3.83	-61.94	-60.06	1.76	17.98	H
	21696	-43.98	-40	-3.98	-65.5	-60.77	1.99	18.78	H
	25312	-50.90	-40	-10.90	-76.06	-67.50	2.14	18.74	H
	7230	-46.60	-40	-6.60	-48.71	-56.29	1.84	11.53	V
	7250	-43.54	-40	-3.54	-45.65	-53.19	1.86	11.50	V
	10850	-49.44	-40	-9.44	-51.56	-57.77	2.57	10.90	V
	14462	-55.42	-40	-15.42	-61.87	-63.66	2.85	11.09	V
	18077	-49.28	-40	-9.28	-66.46	-65.51	1.76	17.98	V
	21696	-46.35	-40	-6.35	-67.86	-63.14	1.99	18.78	V
	25312	-49.36	-40	-9.36	-75.78	-65.96	2.14	18.74	V
Highest	7360	-51.28	-40	-11.28	-53.62	-60.69	1.91	11.32	H
	7380	-48.16	-40	-8.16	-50.48	-57.53	1.93	11.29	H
	11045	-51.14	-40	-11.14	-53.61	-59.46	2.63	10.95	H
	14724	-53.82	-40	-13.82	-62.66	-62.62	2.91	11.72	H
	18410	-44.55	-40	-4.55	-62.87	-60.60	1.87	17.92	H
	22086	-48.97	-40	-8.97	-71.14	-65.76	2.08	18.87	H
	25767	-50.78	-40	-10.78	-76.77	-67.80	2.03	19.05	H
	7360	-48.92	-40	-8.92	-51.07	-58.33	1.91	11.32	V
	7380	-45.23	-40	-5.23	-47.38	-54.60	1.93	11.29	V
	11045	-54.47	-40	-14.47	-56.78	-62.79	2.63	10.95	V
	14724	-55.43	-40	-15.43	-62.6	-64.23	2.91	11.72	V
	18410	-52.57	-40	-12.57	-70.01	-68.62	1.87	17.92	V
	22086	-47.53	-40	-7.53	-69.7	-64.32	2.08	18.87	V
	25767	-47.71	-40	-7.71	-74.89	-64.73	2.03	19.05	V

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