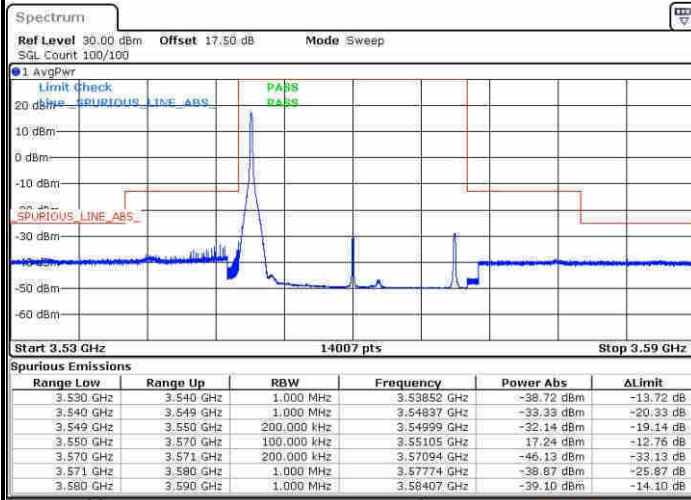


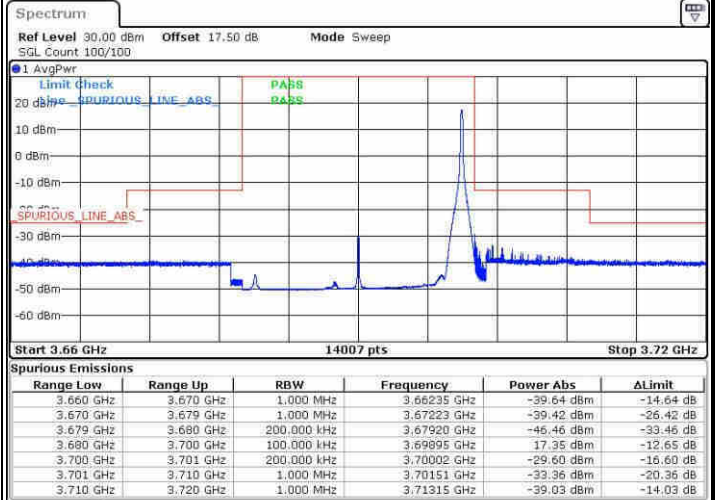


LTE Band 48 / 20MHz / 16QAM

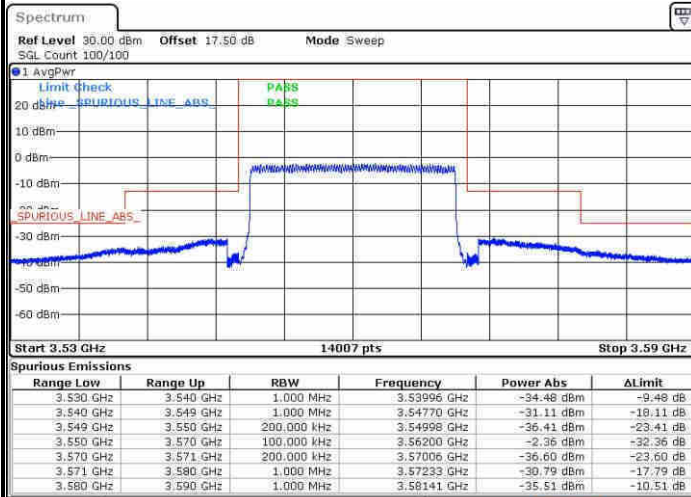
Lowest Band Edge / 1 RB



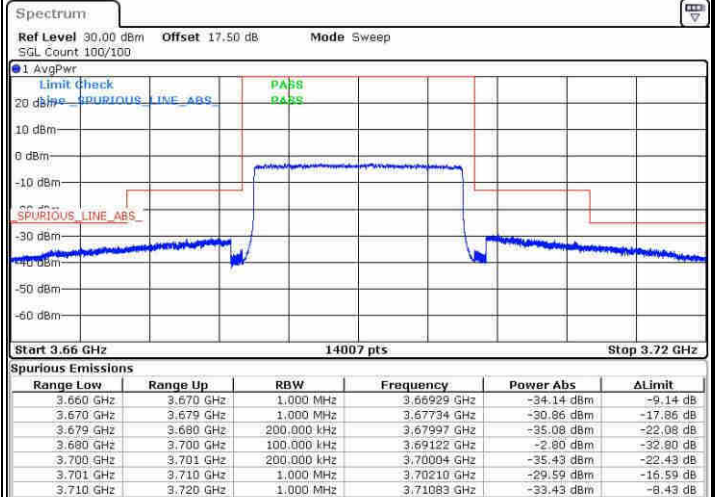
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



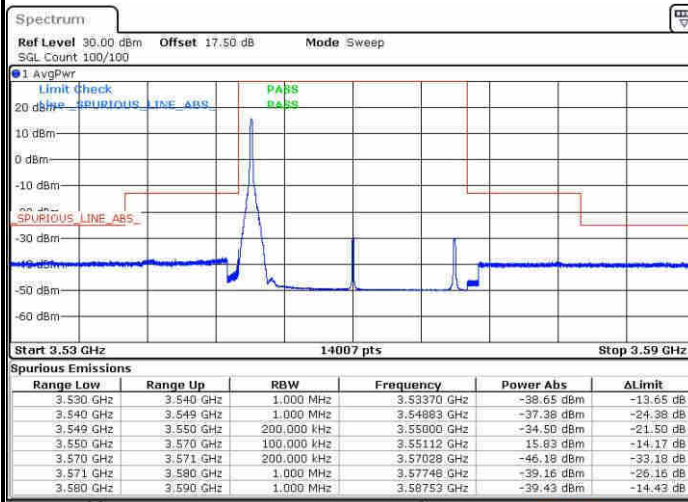
Highest Band Edge / Full RB



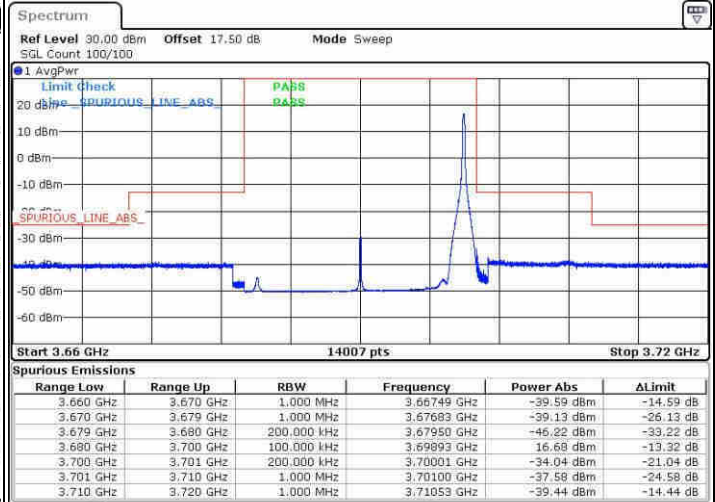


LTE Band 48 / 20MHz / 64QAM

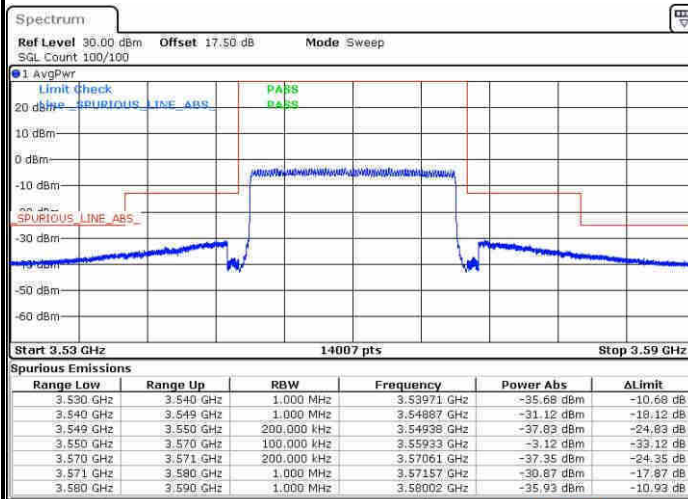
Lowest Band Edge / 1 RB



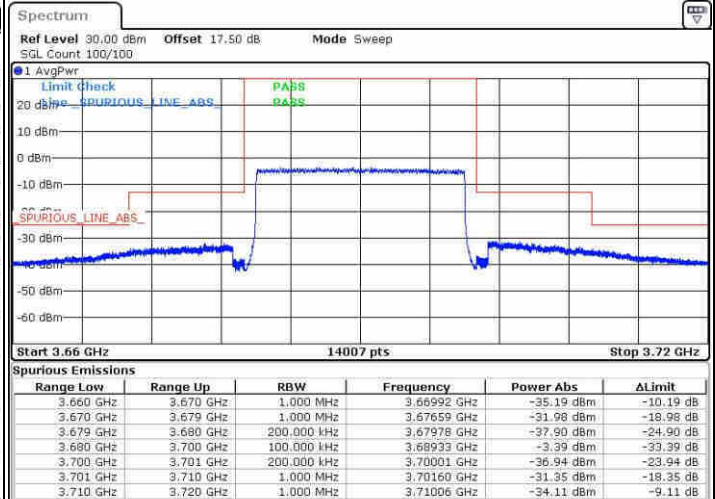
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



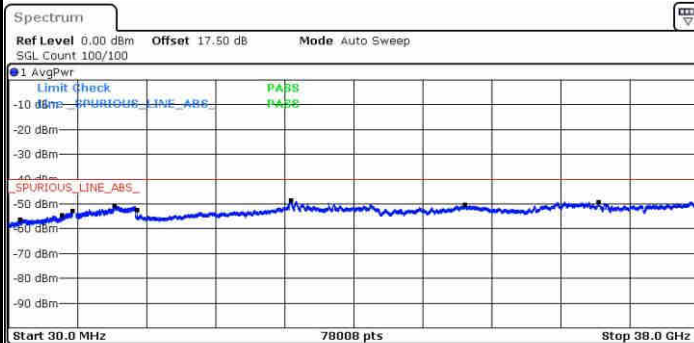


Conducted Spurious Emission

LTE Band 48 / 5MHz

QPSK

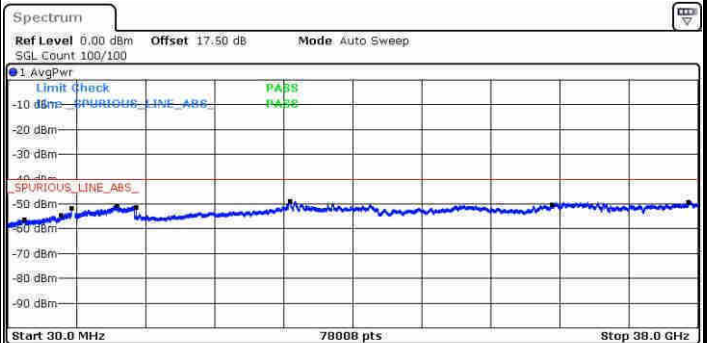
Lowest Channel / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	632.31134 MHz	-55.29 dBm	-16.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96926 GHz	-54.65 dBm	-14.65 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52854 GHz	-52.74 dBm	-12.74 dB
3.720 GHz	7.000 GHz	1.000 MHz	5.86834 GHz	-50.83 dBm	-10.83 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10074 GHz	-52.57 dBm	-12.57 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.55965 GHz	-48.68 dBm	-8.68 dB
22.000 GHz	30.000 GHz	1.000 MHz	25.10556 GHz	-50.51 dBm	-10.51 dB
30.000 GHz	38.000 GHz	1.000 MHz	32.48559 GHz	-49.21 dBm	-9.21 dB

Date: 2/OCT/2018 18:09:11

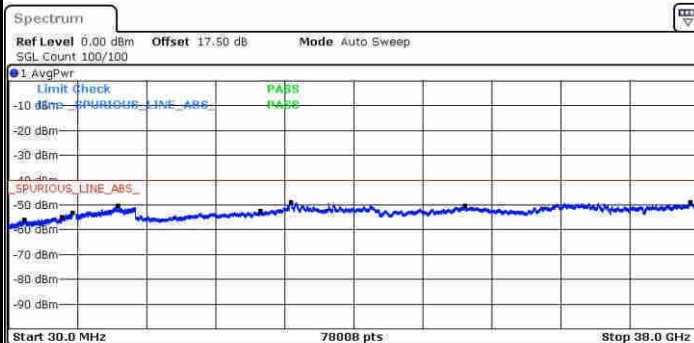
Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-56.18 dBm	-16.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95926 GHz	-54.60 dBm	-14.60 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52378 GHz	-51.73 dBm	-11.73 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.04420 GHz	-50.63 dBm	-10.63 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10974 GHz	-51.26 dBm	-11.26 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.57615 GHz	-48.91 dBm	-8.91 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.99575 GHz	-50.35 dBm	-10.35 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.48628 GHz	-49.20 dBm	-9.20 dB

Date: 2/OCT/2018 18:27:21

Lowest Channel / FullRB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-56.04 dBm	-16.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97076 GHz	-54.81 dBm	-14.81 dB
3.000 GHz	3.530 GHz	1.000 MHz	3.52987 GHz	-53.14 dBm	-13.14 dB
3.720 GHz	7.000 GHz	1.000 MHz	6.04994 GHz	-50.44 dBm	-10.44 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.84926 GHz	-52.50 dBm	-12.50 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.57015 GHz	-48.84 dBm	-8.84 dB
22.000 GHz	30.000 GHz	1.000 MHz	25.12005 GHz	-50.42 dBm	-10.42 dB
30.000 GHz	38.000 GHz	1.000 MHz	37.51128 GHz	-49.03 dBm	-9.03 dB

Date: 2/OCT/2018 18:18:16

N/A

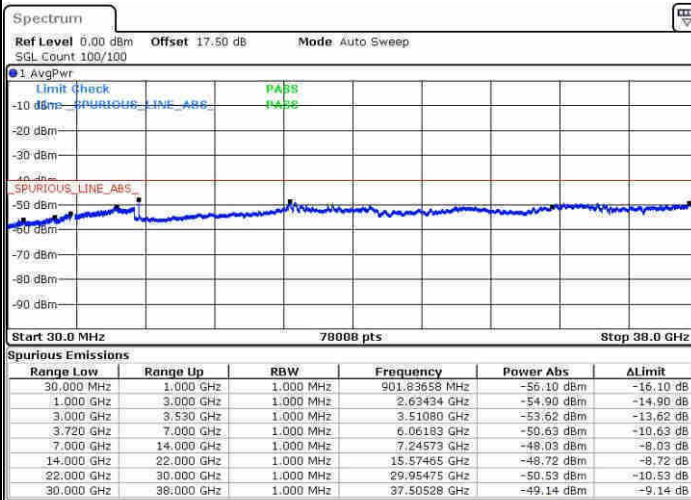


LTE Band 48 / 5MHz

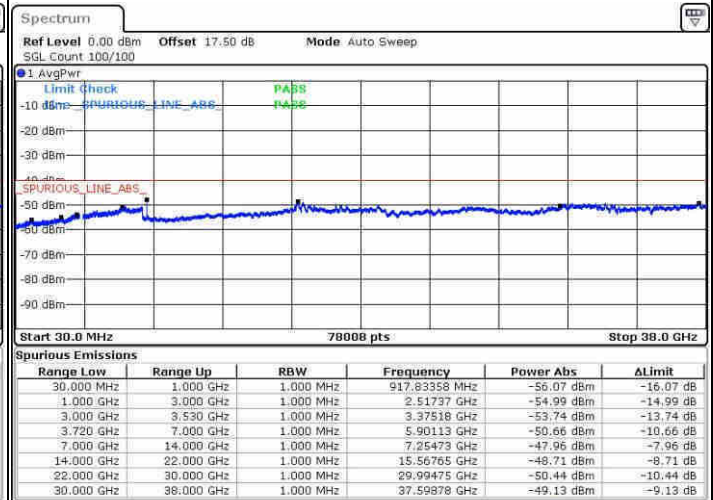
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



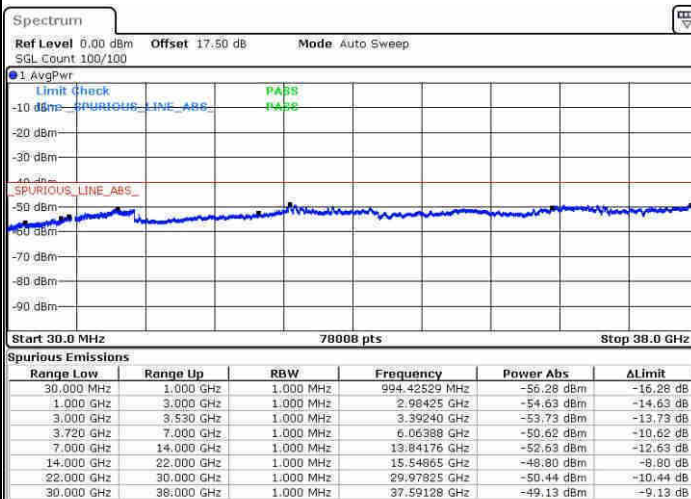
Date: 2/07/2018 18:14:13



Date: 2/07/2018 18:32:24

Middle Channel / FullRB

N/A



Date: 2/07/2018 18:23:19

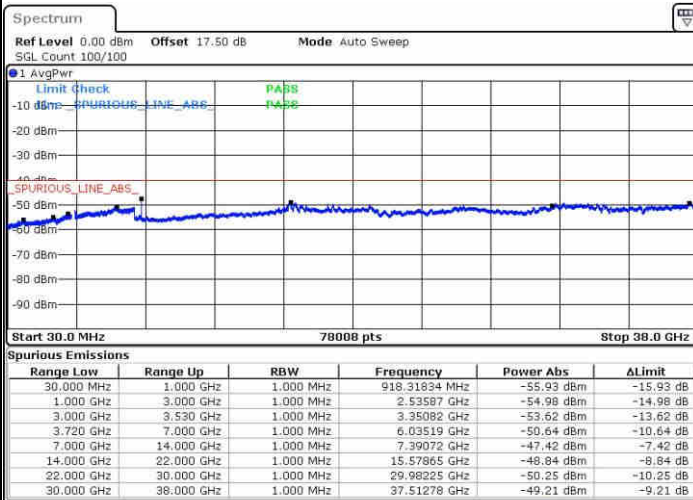


LTE Band 48 / 5MHz

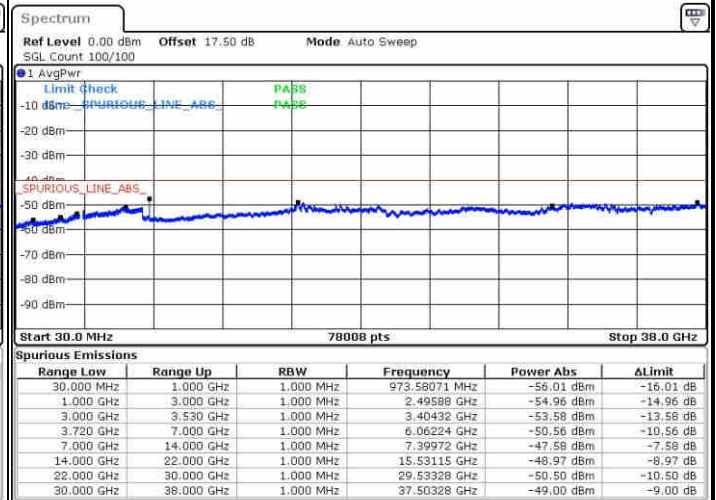
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



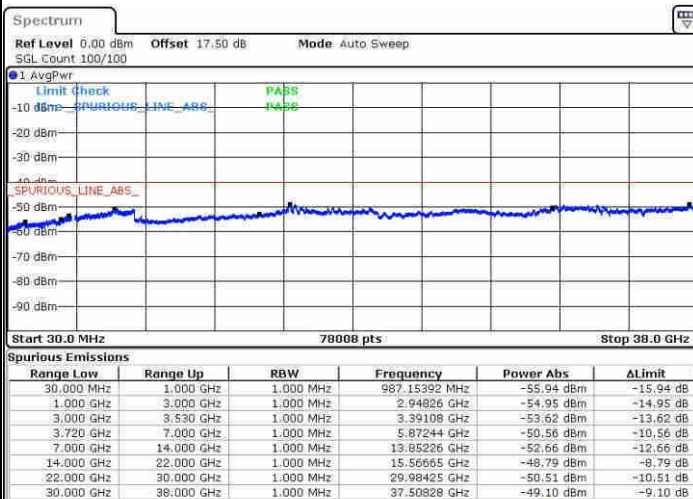
Date: 2/OCT/2018 18:15:13



Date: 2/OCT/2018 18:33:24

Highest Channel / FullIRB

N/A



Date: 2/OCT/2018 18:24:19

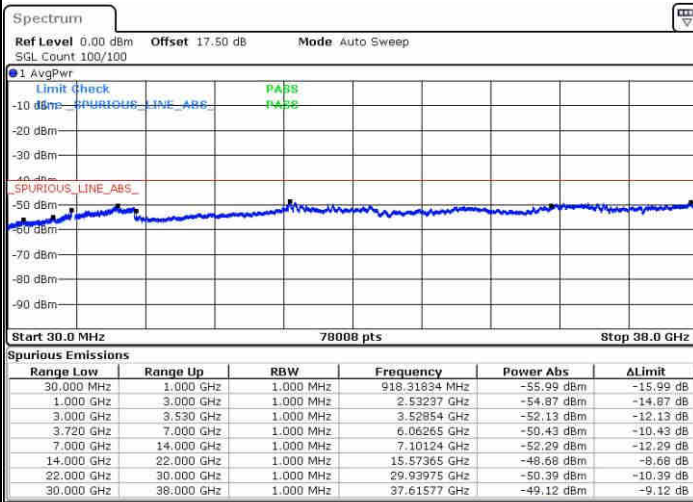


LTE Band 48 / 10MHz

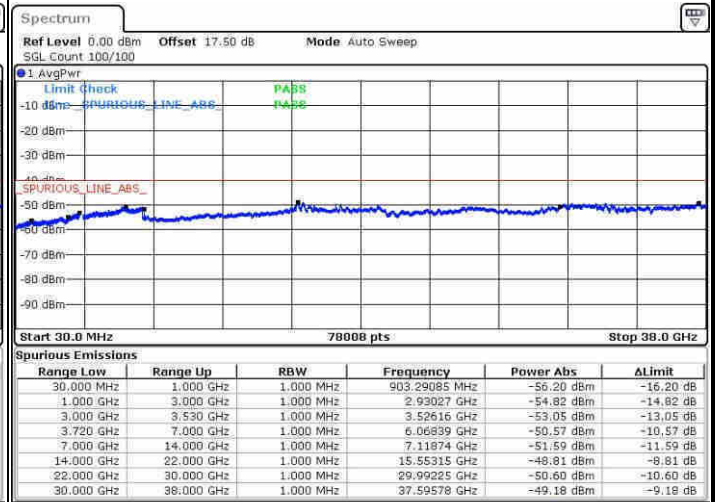
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



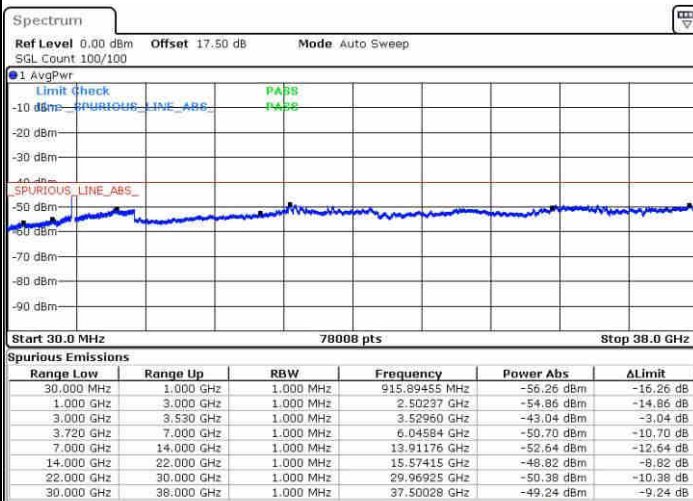
Date: 2/OCT/2018 18:38:29



Date: 2/OCT/2018 18:56:40

Lowest Channel / FullIRB

N/A



Date: 2/OCT/2018 18:47:35



LTE Band 48 / 10MHz

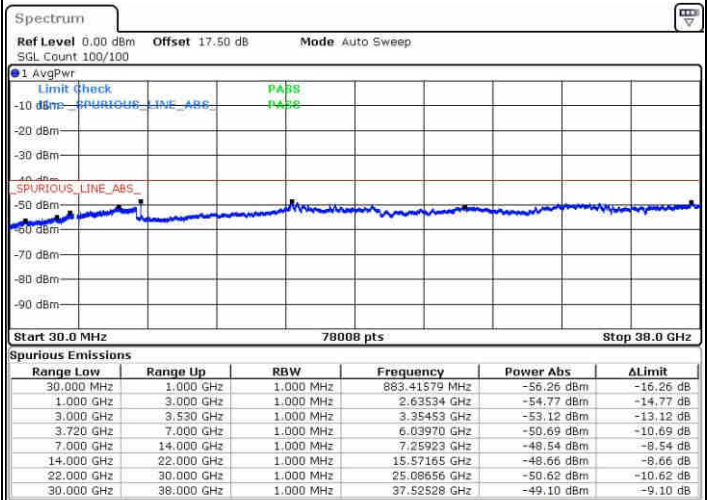
QPSK

MiddleChannel / 1RB0

Middle Channel / 1RBmax



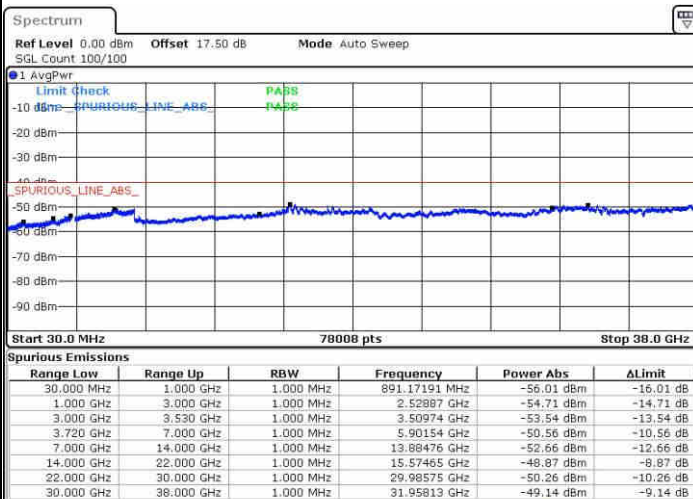
Date: 2.OCT.2018 18:39:30



Date: 2.OCT.2018 18:57:40

Middle Channel / FullIRB

N/A



Date: 2.OCT.2018 18:48:35

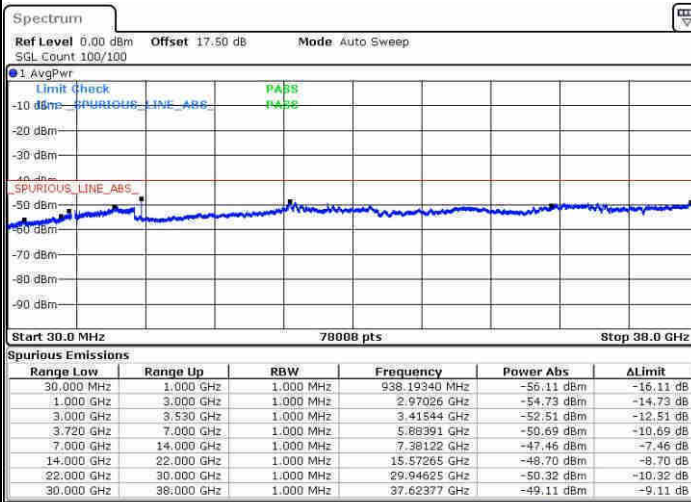


LTE Band 48 / 10MHz

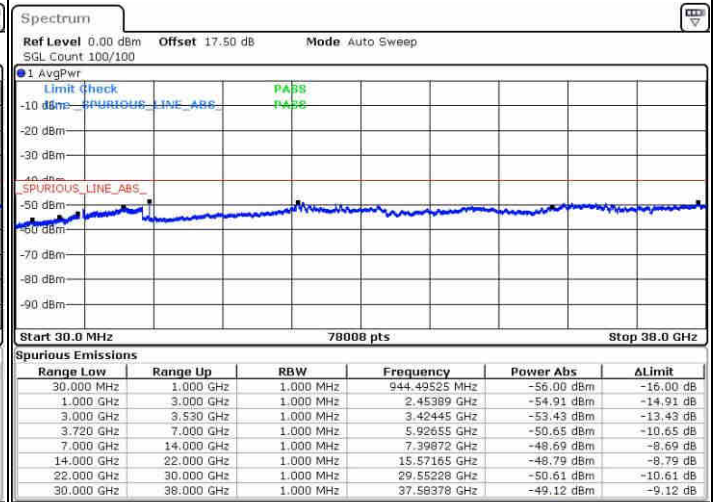
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



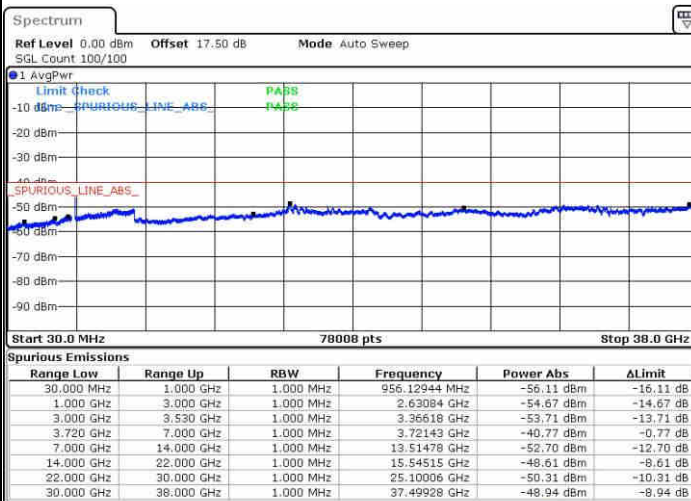
Date: 2.OCT.2018 18:44:32



Date: 2.OCT.2018 19:04:40

Highest Channel / FullIRB

N/A



Date: 2.OCT.2018 18:53:37

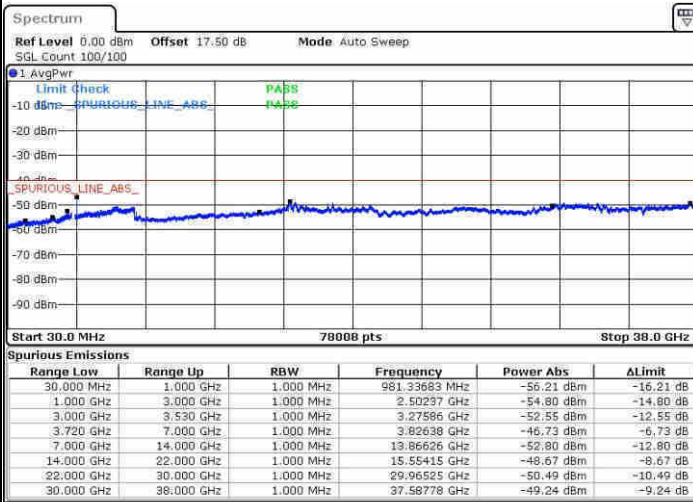


LTE Band 48 / 15MHz

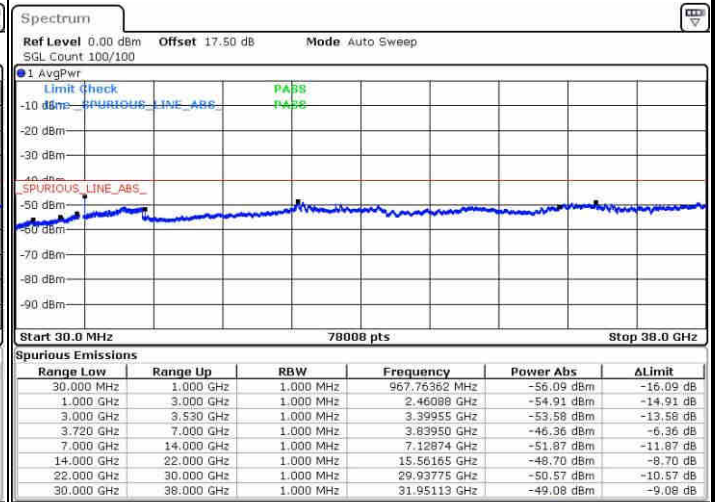
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



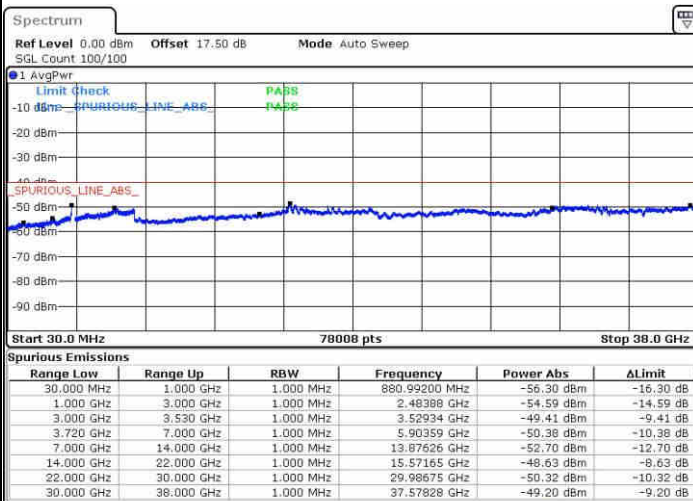
Date: 2/OCT.2018 17:39:38



Date: 2/OCT.2018 17:57:51

Lowest Channel / FullIRB

N/A



Date: 2/OCT.2018 17:48:45

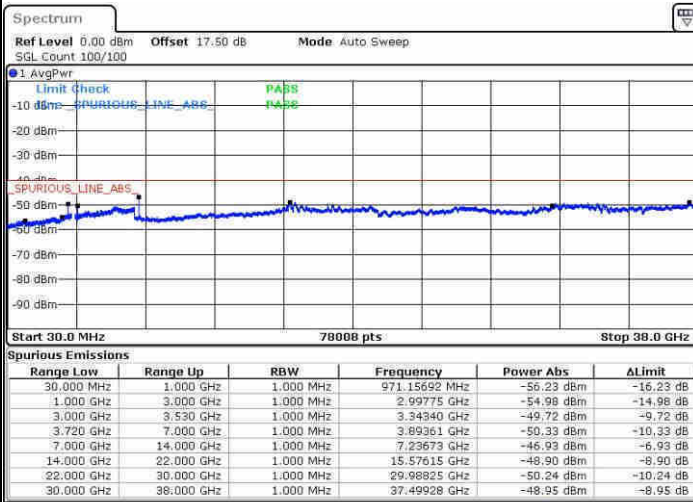


LTE Band 48 / 15MHz

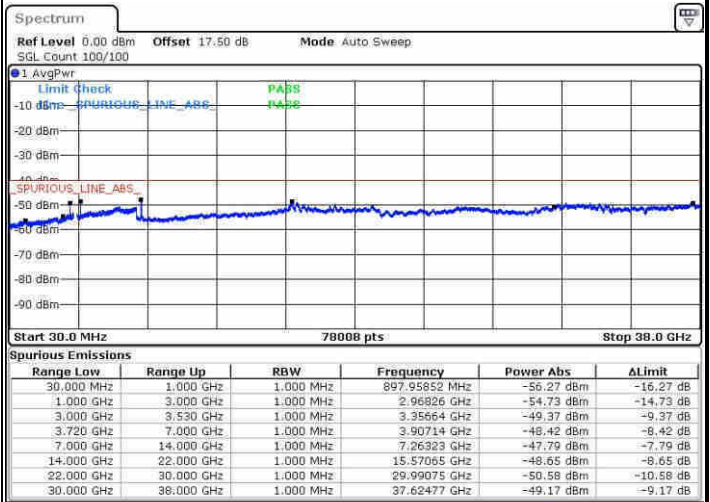
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



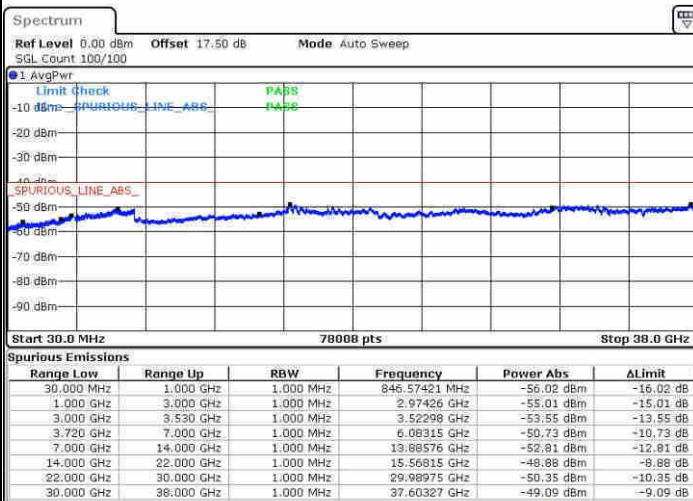
Date: 2007.2018 17:44:42



Date: 2007.2018 18:02:54

Middle Channel / FullIRB

N/A



Date: 2007.2018 17:53:48

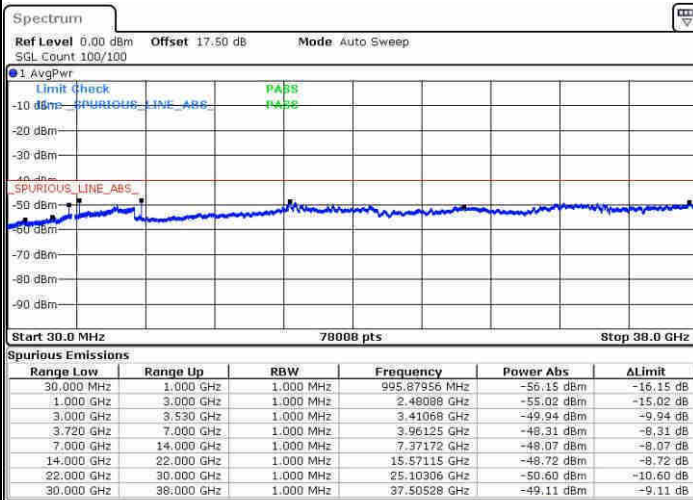


LTE Band 48 / 15MHz

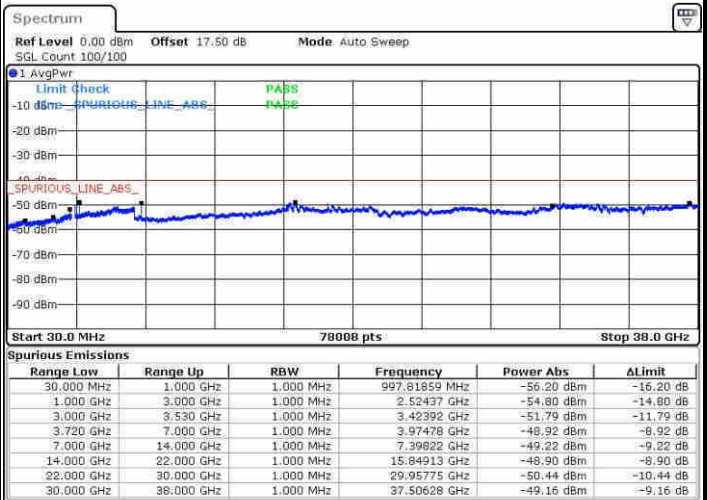
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



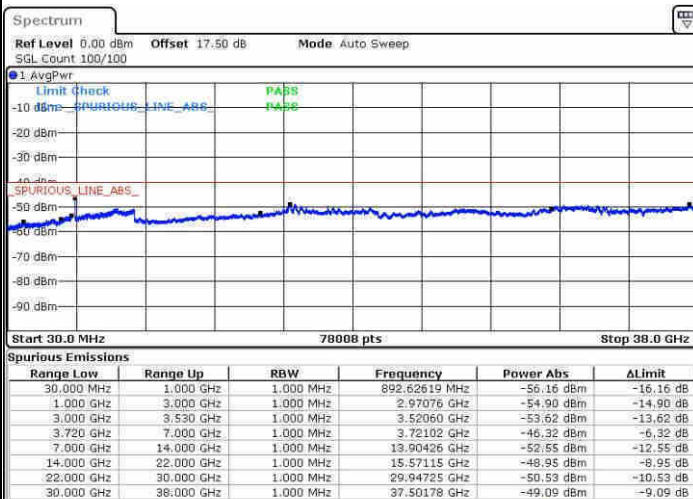
Date: 2/07/2018 17:45:42



Date: 2/07/2018 18:03:54

Highest Channel / FullIRB

N/A



Date: 2/07/2018 17:54:48

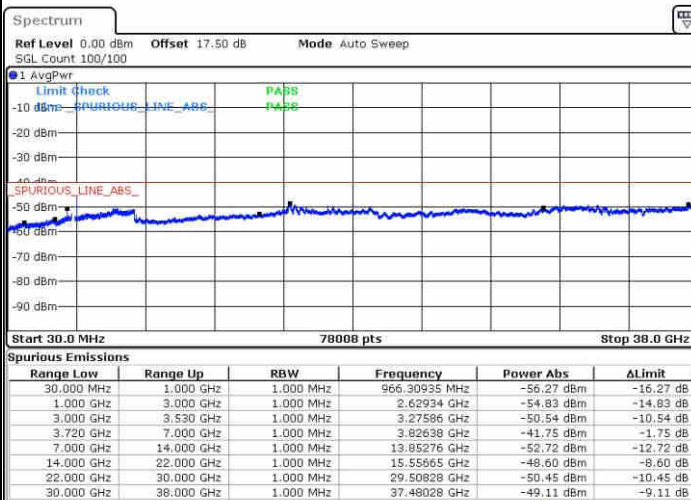


LTE Band 48 / 20MHz

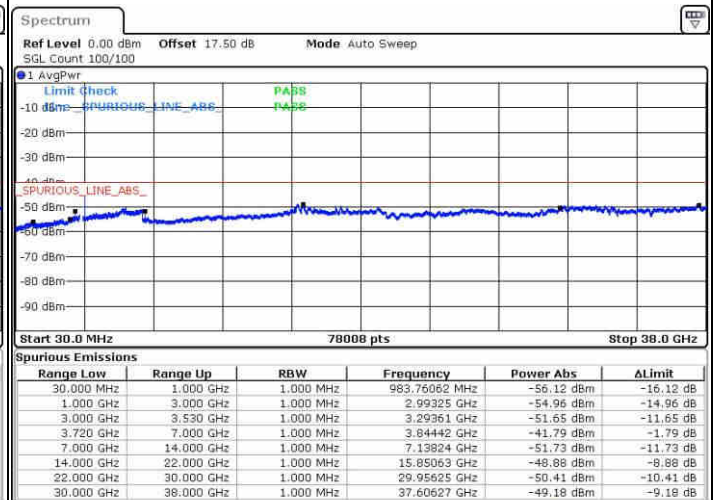
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



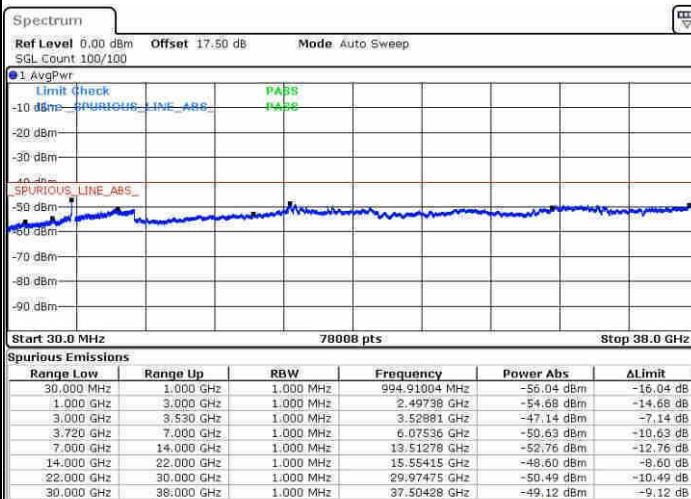
Date: 2.OCT.2018 16:33:58



Date: 2.OCT.2018 17:04:45

Lowest Channel / FullIRB

N/A



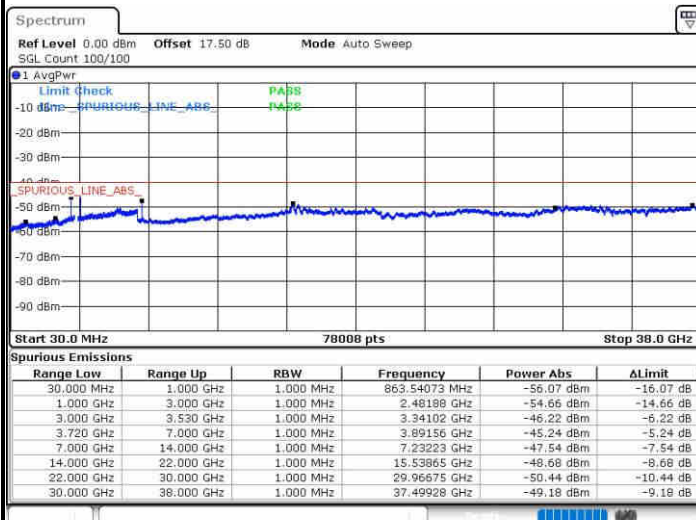
Date: 2.OCT.2018 16:47:16



LTE Band 48 / 20MHz

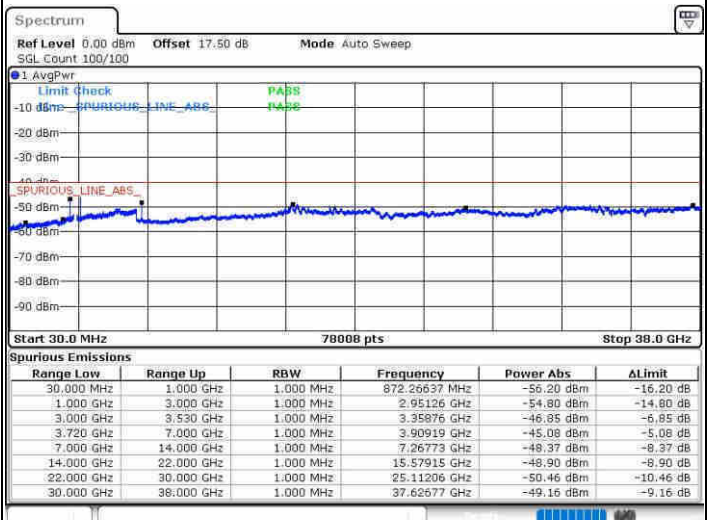
QPSK

Middle Channel / 1RB0



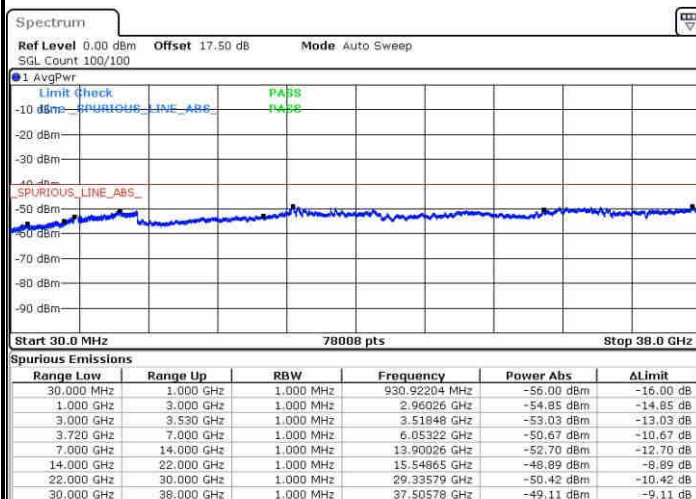
Date: 2/OCT.2018 17:21:28

Middle Channel / 1RBmax



Date: 2/OCT.2018 17:24:30

Middle Channel / FullIRB



Date: 2/OCT.2018 17:18:28

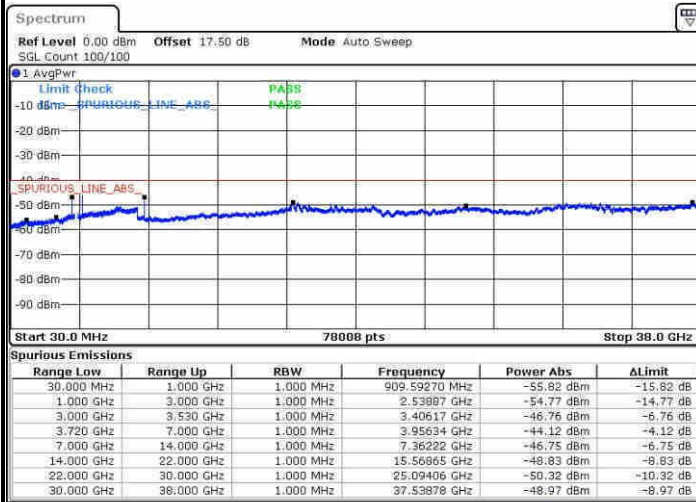
N/A



LTE Band 48 / 20MHz

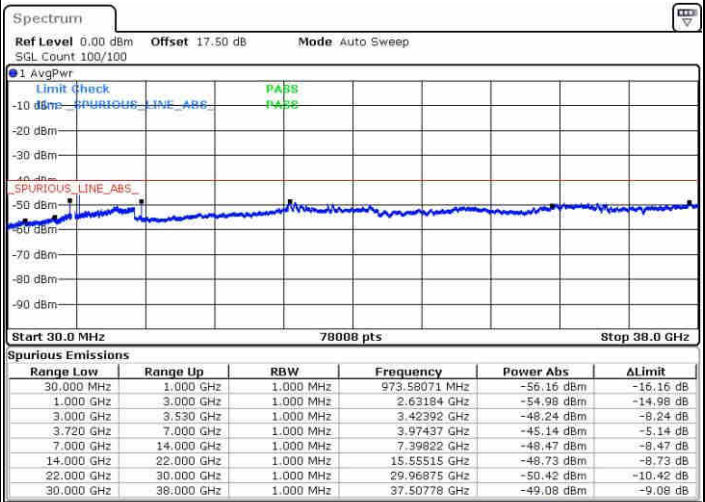
QPSK

Highest Channel / 1RB0



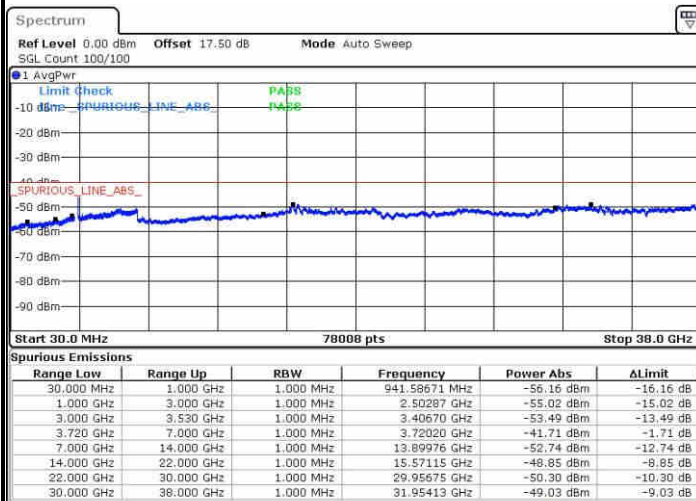
Date: 2.OCT.2018 16:54:27

Highest Channel / 1RBmax



Date: 2.OCT.2018 17:03:01

Highest Channel / FullIRB



Date: 2.OCT.2018 16:57:54

N/A

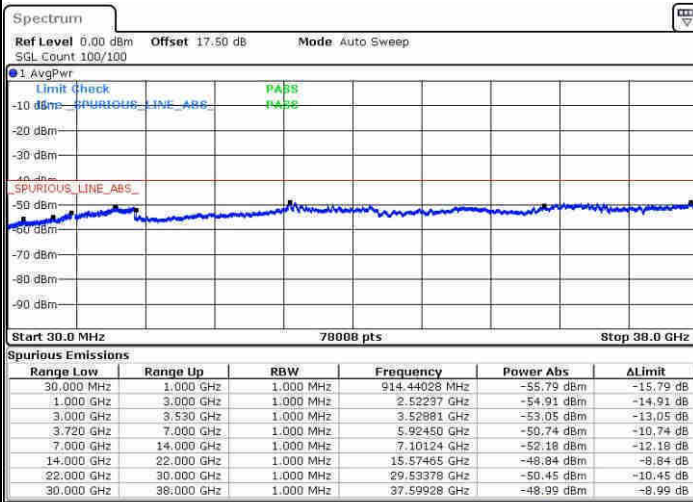


LTE Band 48 / 5MHz

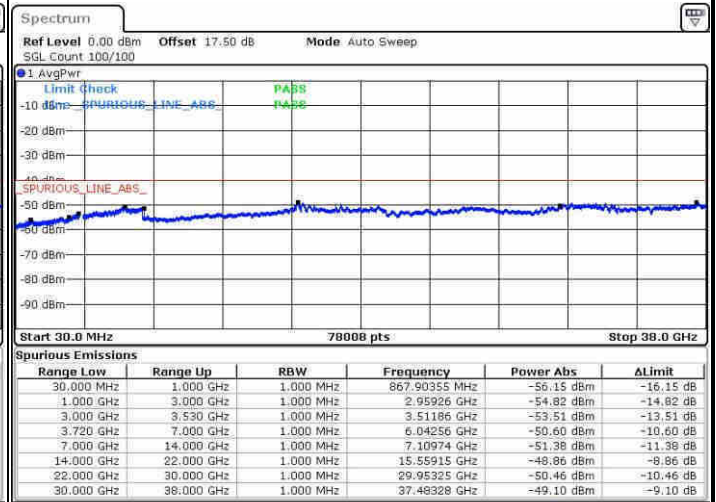
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



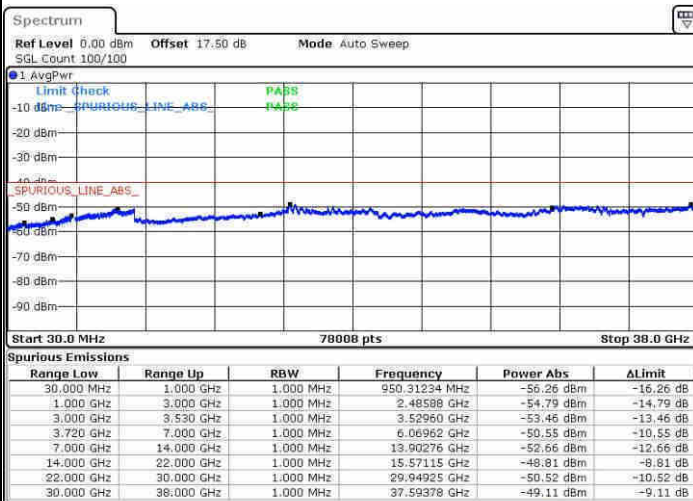
Date: 2/OCT/2018 18:10:11



Date: 2/OCT/2018 18:28:22

Lowest Channel / FullIRB

N/A



Date: 2/OCT/2018 18:19:17



LTE Band 48 / 5MHz

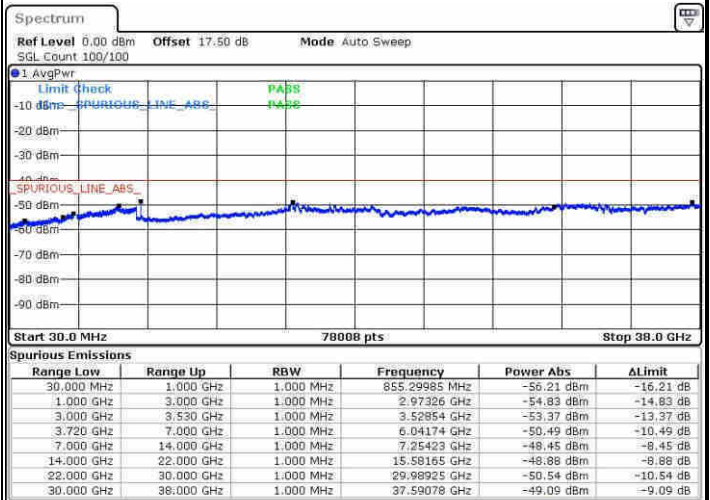
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



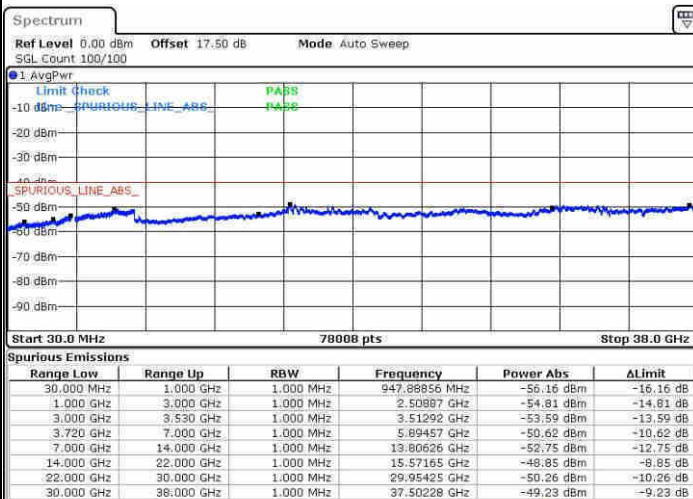
Date: 2/07/2018 18:13:13



Date: 2/07/2018 18:31:24

Middle Channel / FullRB

N/A



Date: 2/07/2018 18:22:19

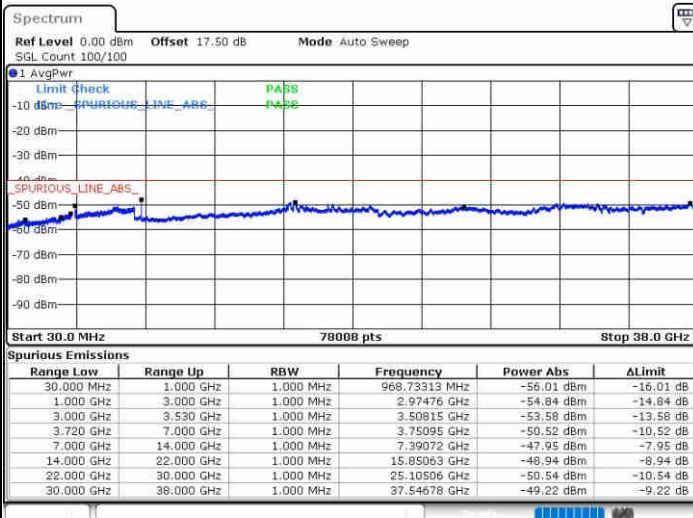


LTE Band 48 / 5MHz

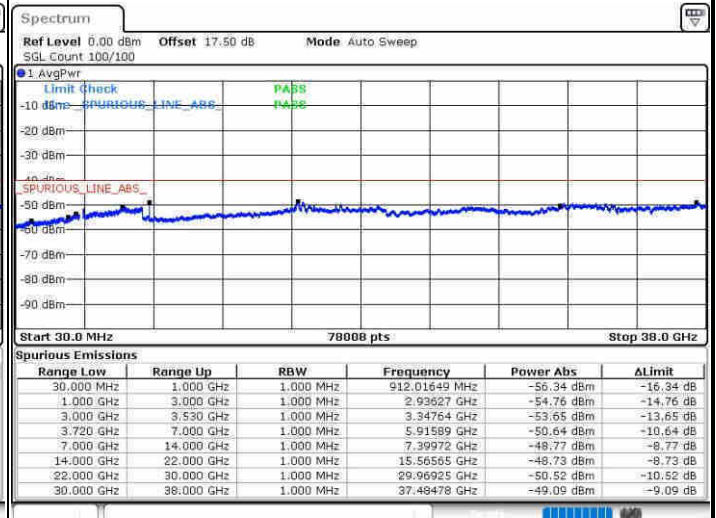
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



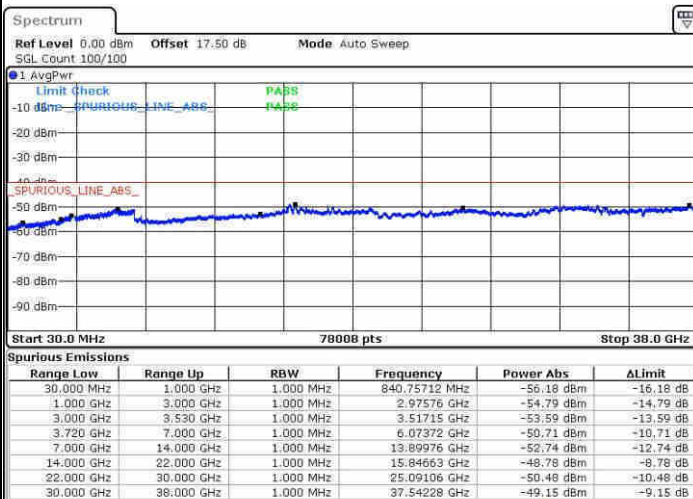
Date: 2007.2018 18:16:14



Date: 2007.2018 18:16:25

Highest Channel / FullIRB

N/A



Date: 2007.2018 18:25:20

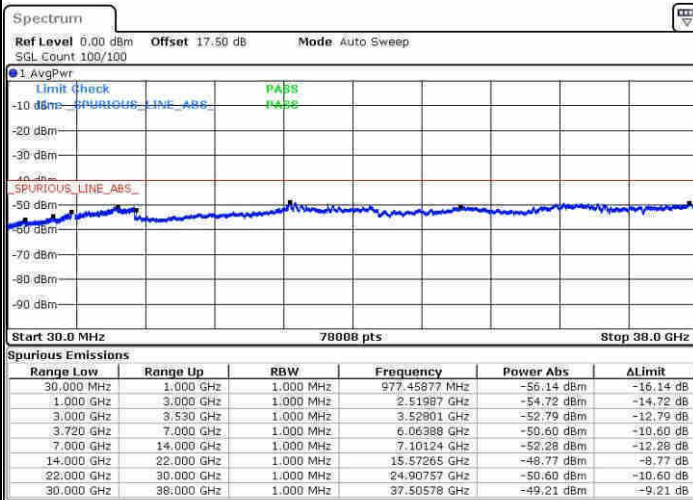


LTE Band 48 / 10MHz

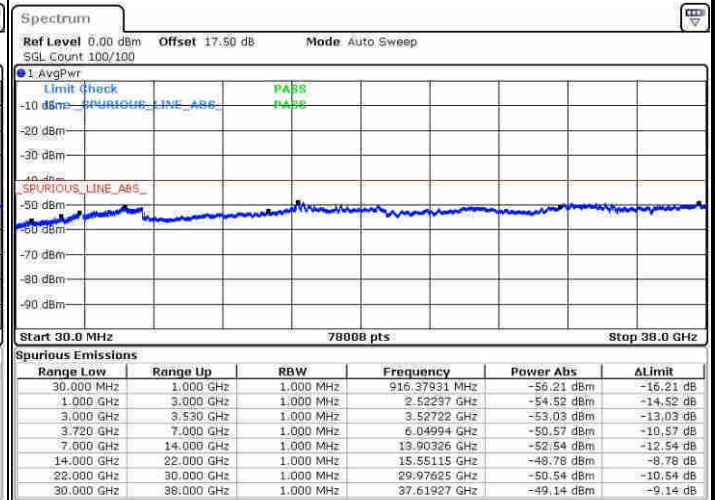
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



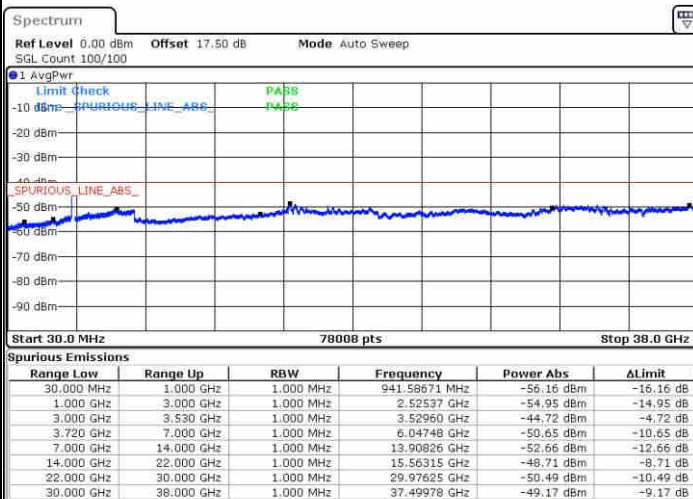
Date: 2/OCT/2018 18:37:28



Date: 2/OCT/2018 18:55:39

Lowest Channel / FullIRB

N/A



Date: 2/OCT/2018 18:46:34



LTE Band 48 / 10MHz

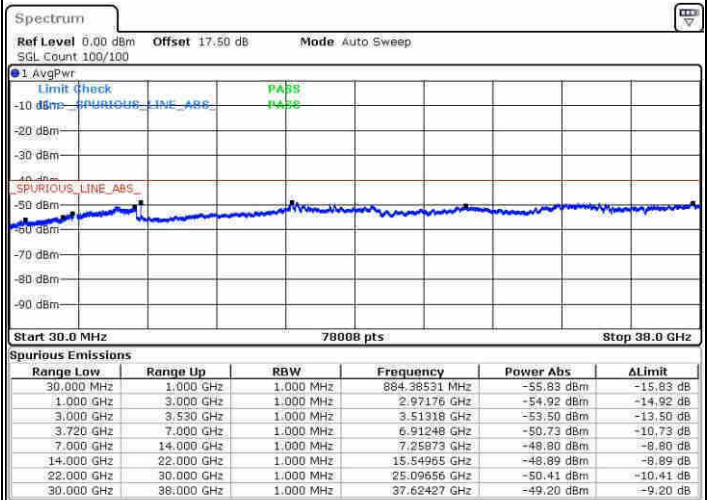
16QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



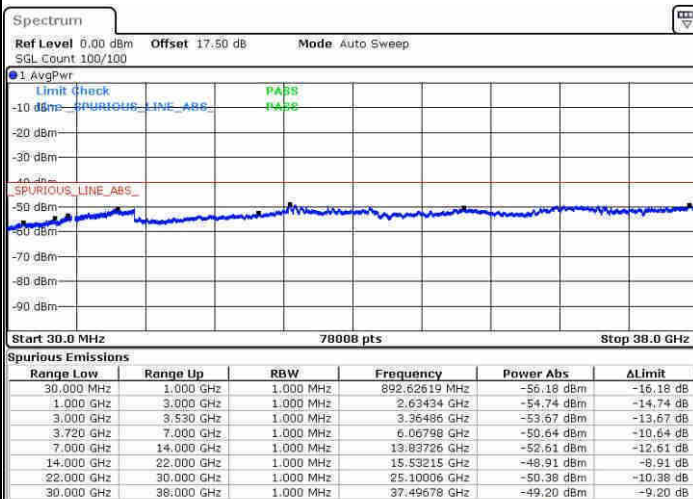
Date: 2007.2018 18:40:30



Date: 2007.2018 18:58:40

Middle Channel / FullIRB

N/A



Date: 2007.2018 18:49:35

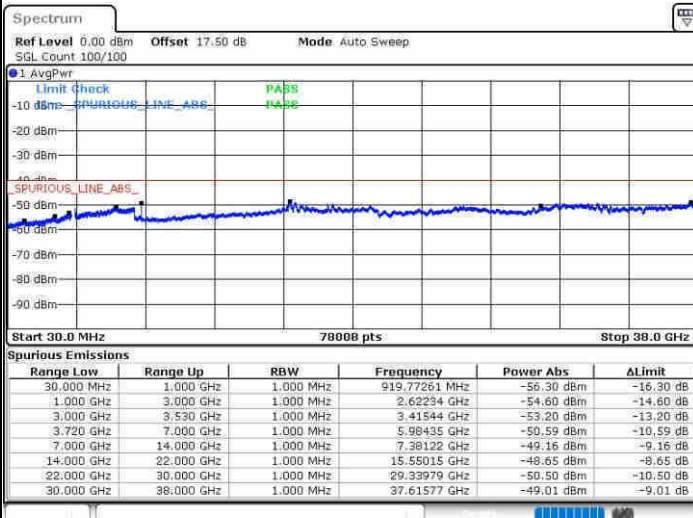


LTE Band 48 / 10MHz

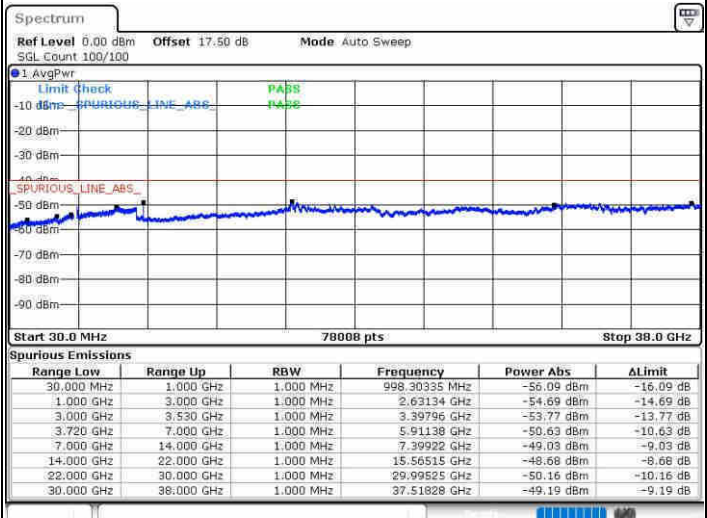
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



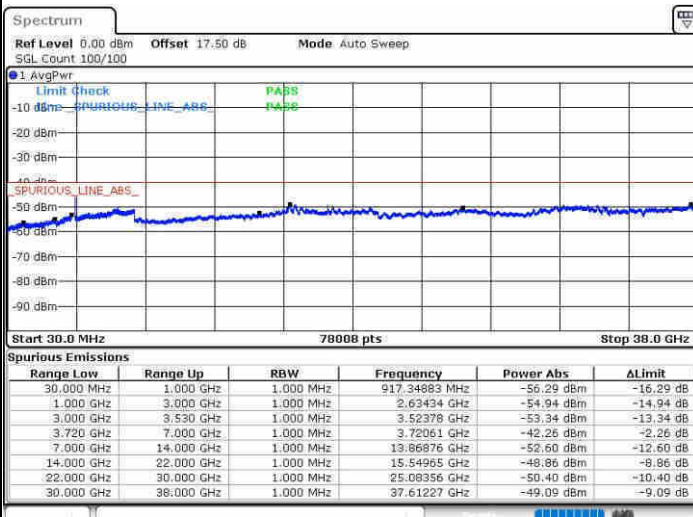
Date: 2/07/2018 18:48:31



Date: 2/07/2018 19:03:39

Highest Channel / FullIRB

N/A



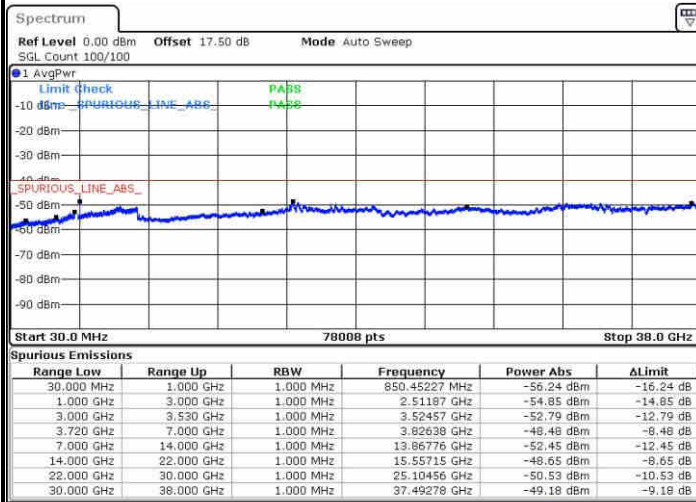
Date: 2/07/2018 18:52:36



LTE Band 48 / 15MHz

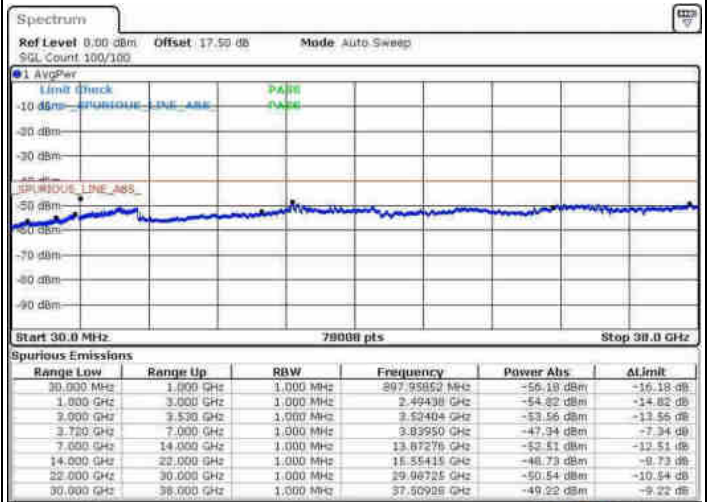
16QAM

Lowest Channel / 1RB0



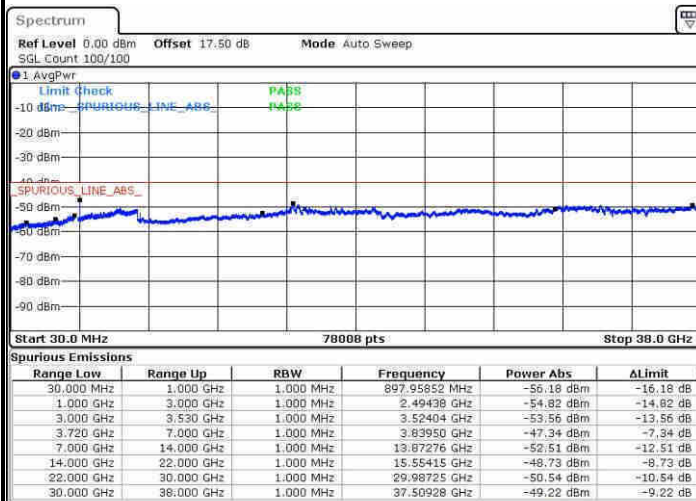
Date: 2.OCT.2018 17:40:39

Lowest Channel / 1RBmax



Date: 2.OCT.2018 17:58:52

Lowest Channel / FullIRB



Date: 2.OCT.2018 17:58:52

N/A

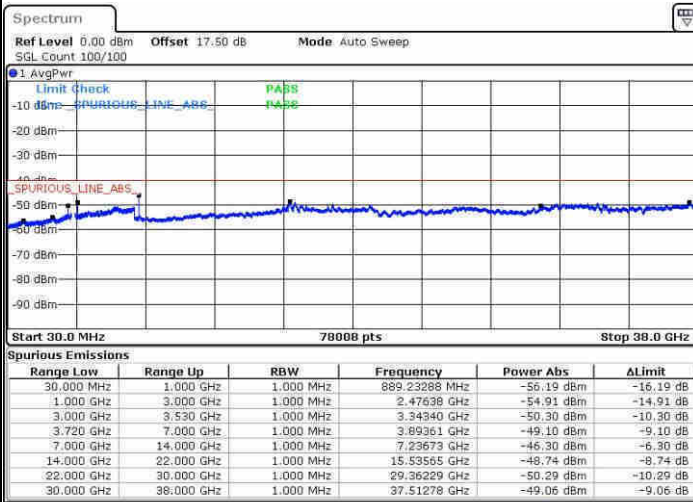


LTE Band 48 / 15MHz

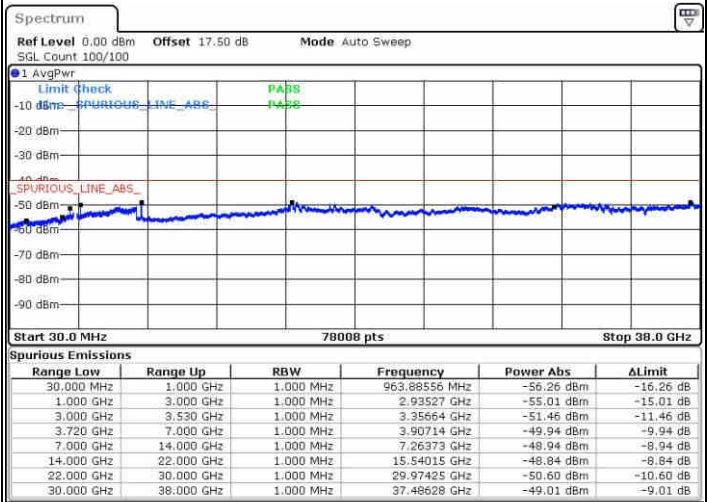
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



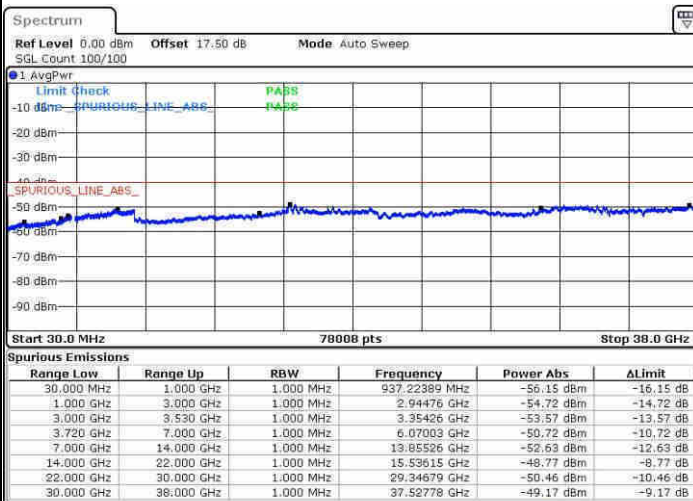
Date: 2/OCT.2018 17:48:41



Date: 2/OCT.2018 18:01:54

Middle Channel / FullIRB

N/A



Date: 2/OCT.2018 17:52:47

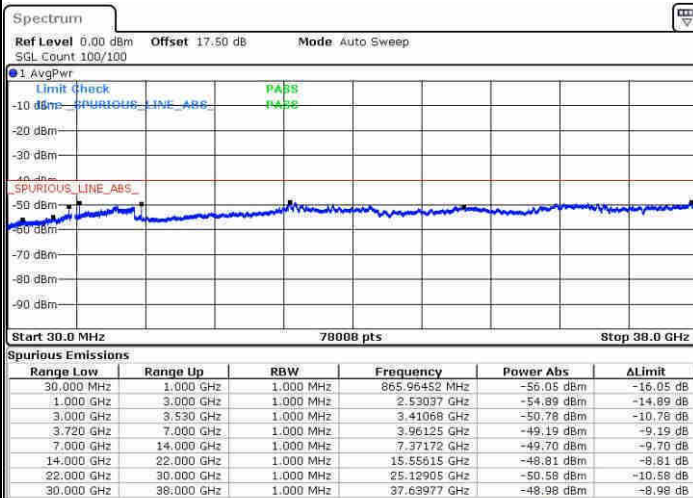


LTE Band 48 / 15MHz

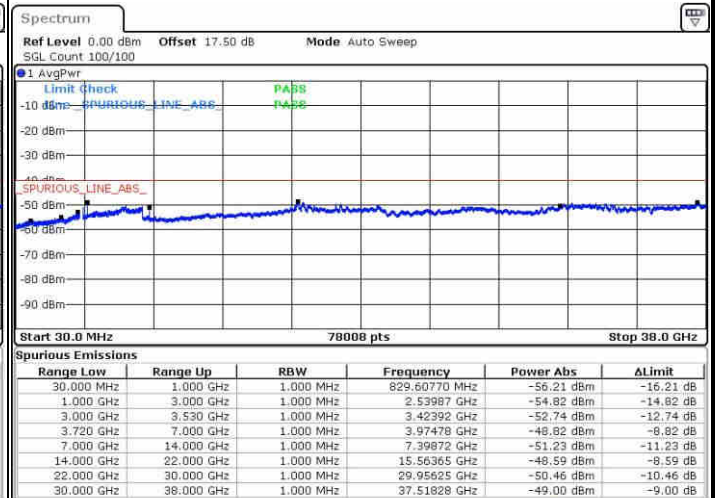
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



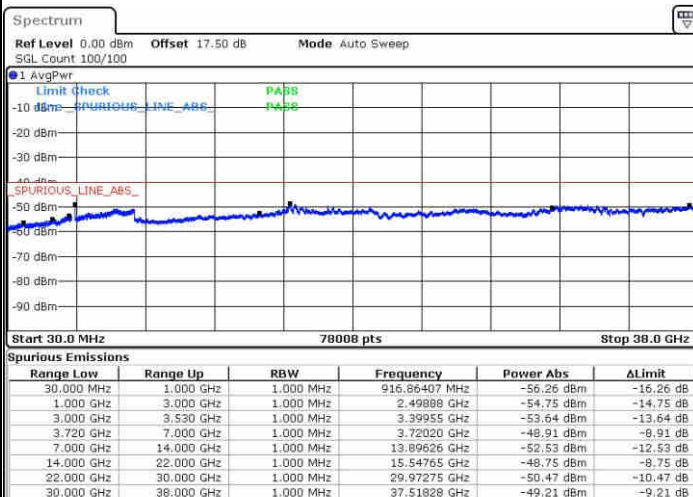
Date: 2/OCT.2018 17:46:43



Date: 2/OCT.2018 18:04:55

Highest Channel / FullIRB

N/A



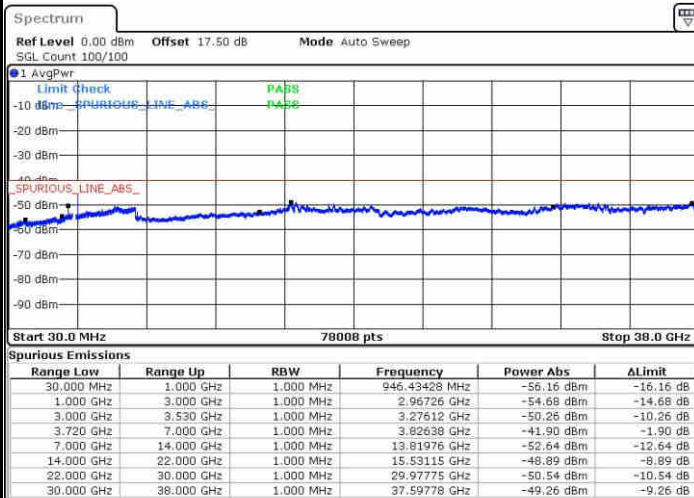
Date: 2/OCT.2018 17:55:49



LTE Band 48 / 20MHz

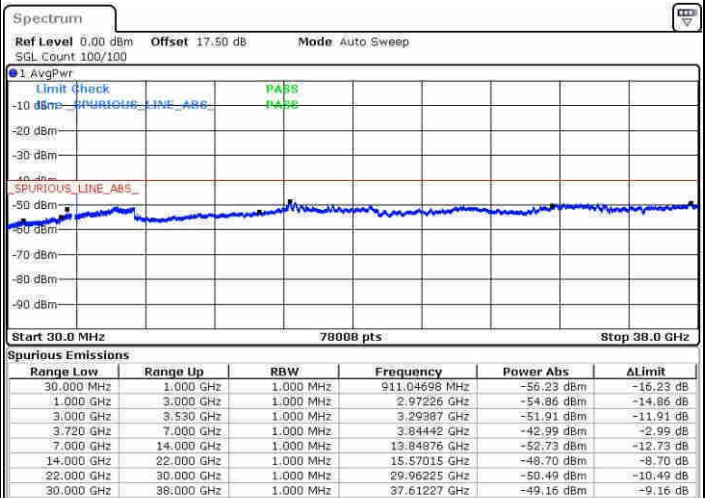
16QAM

Lowest Channel / 1RB0



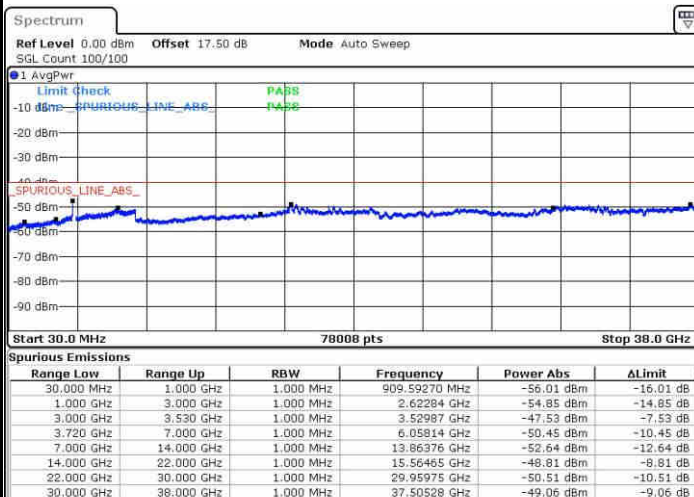
Date: 2/OCT/2018 16:53:12

Lowest Channel / 1RBmax



Date: 2/OCT/2018 17:05:49

Lowest Channel / FullIRB



Date: 2/OCT/2018 16:46:15

N/A

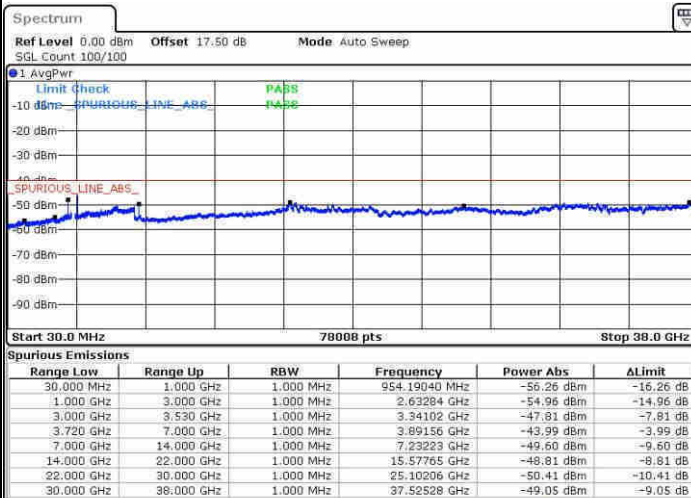


LTE Band 48 / 20MHz

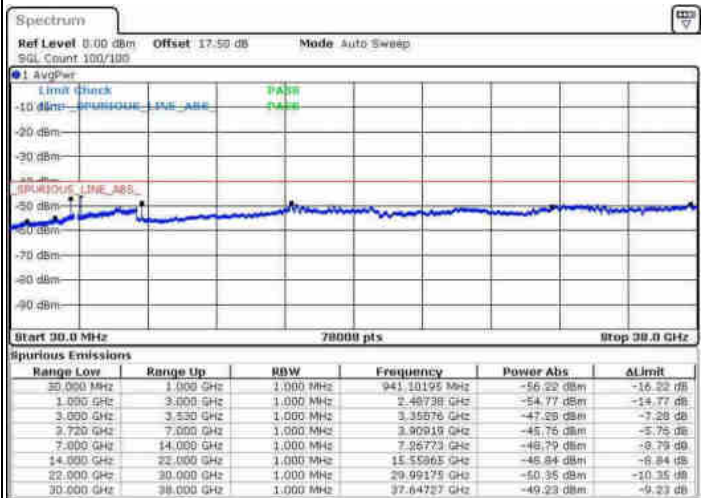
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



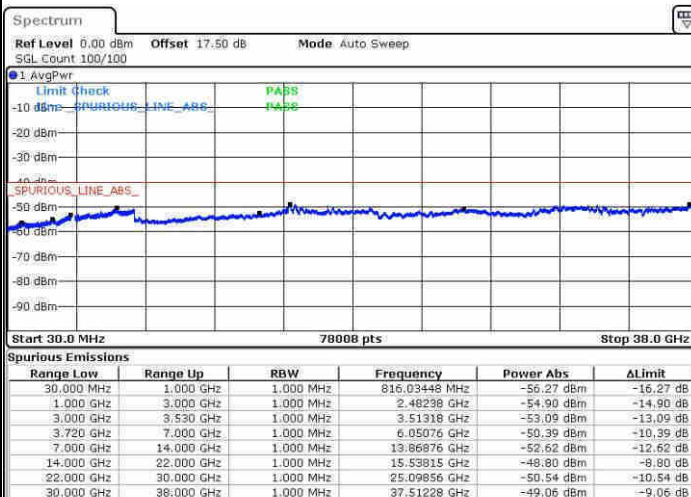
Date: 2.OCT.2018 17:22:29



Date: 2.OCT.2018 17:25:38

Middle Channel / FullIRB

N/A



Date: 2.OCT.2018 17:19:28

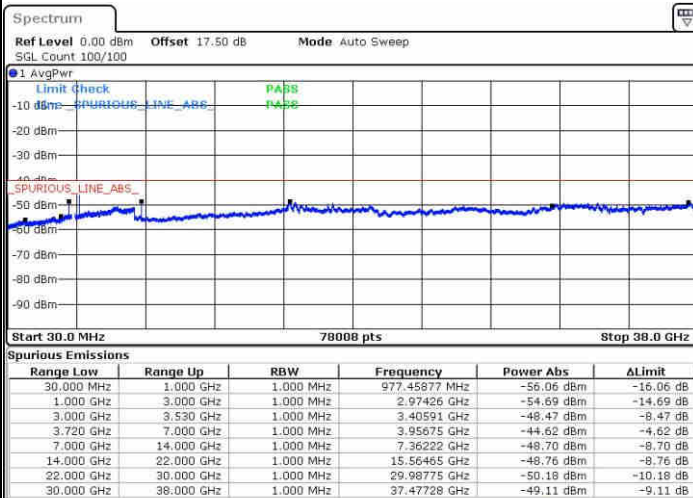


LTE Band 48 / 20MHz

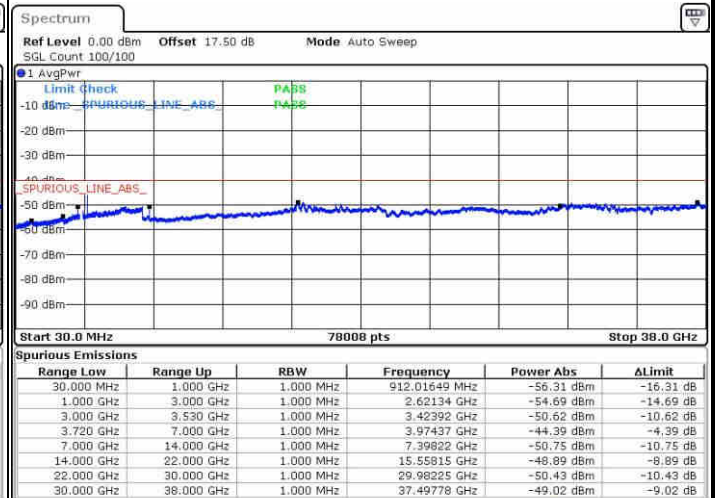
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



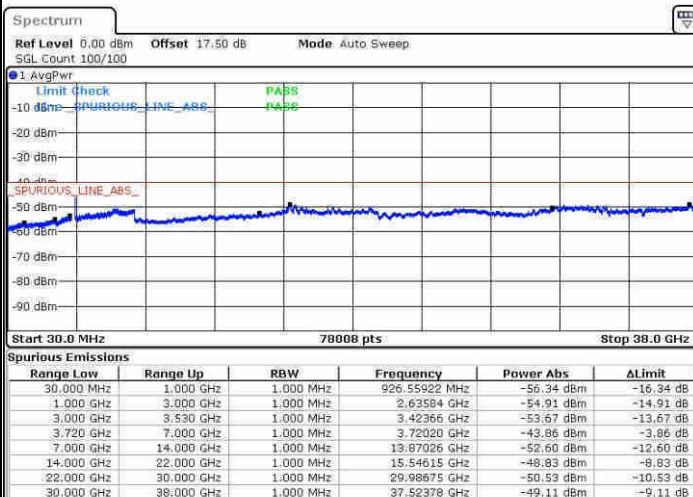
Date: 2.OCT.2018 16:59:56



Date: 2.OCT.2018 17:01:59

Highest Channel / FullIRB

N/A



Date: 2.OCT.2018 16:56:54

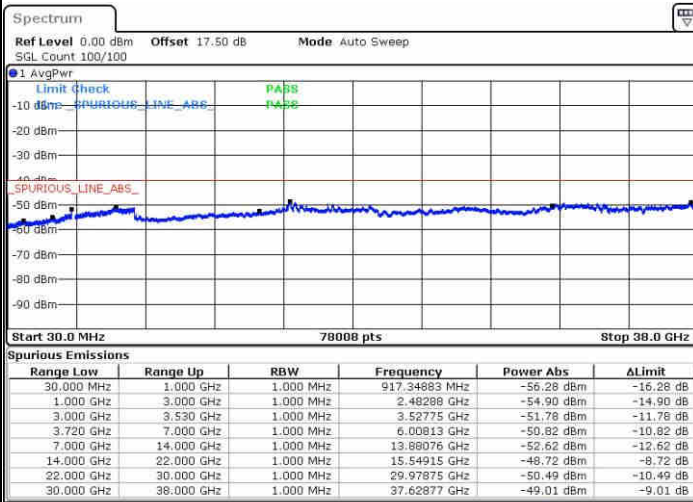


LTE Band 48 / 5MHz

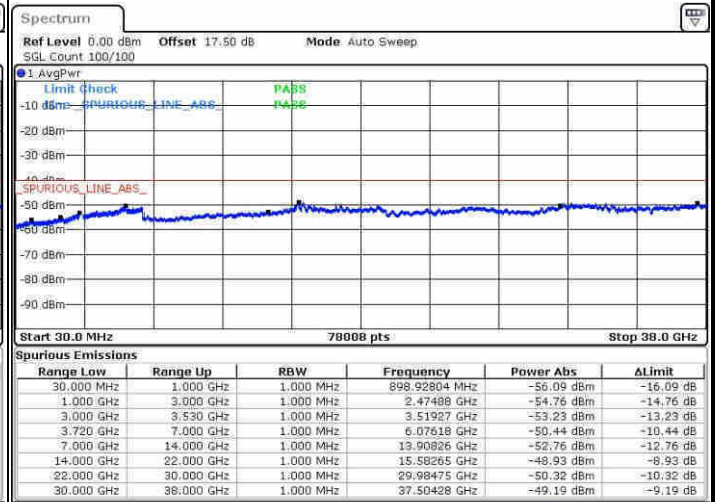
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



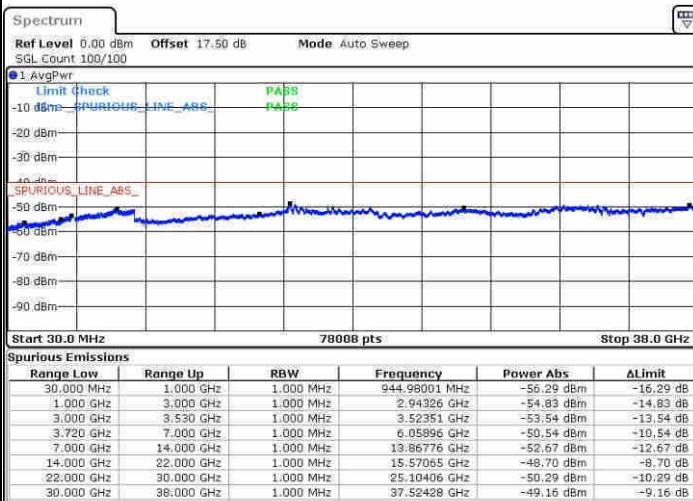
Date: 2/OCT/2018 18:11:12



Date: 2/OCT/2018 18:29:23

Lowest Channel / FullIRB

N/A



Date: 2/OCT/2018 18:20:18

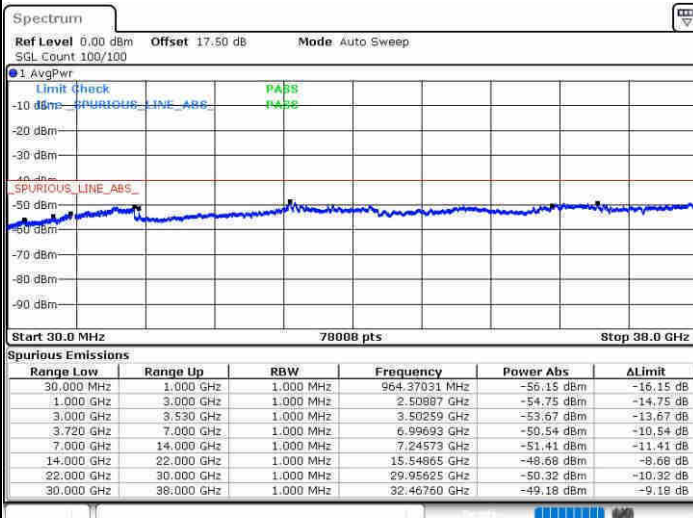


LTE Band 48 / 5MHz

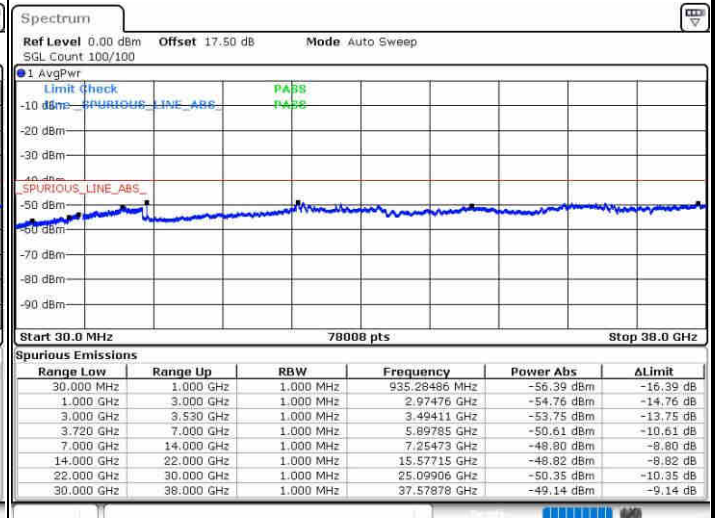
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



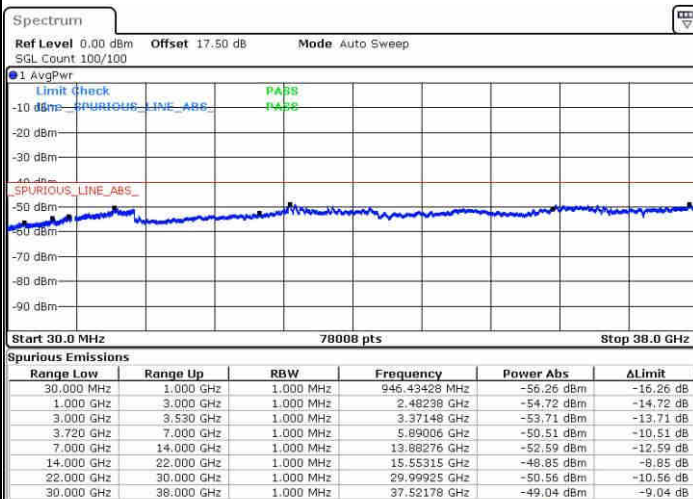
Date: 2/OCT.2018 18:12:13



Date: 2/OCT.2018 18:30:24

Middle Channel / FullIRB

N/A



Date: 2/OCT.2018 18:21:18

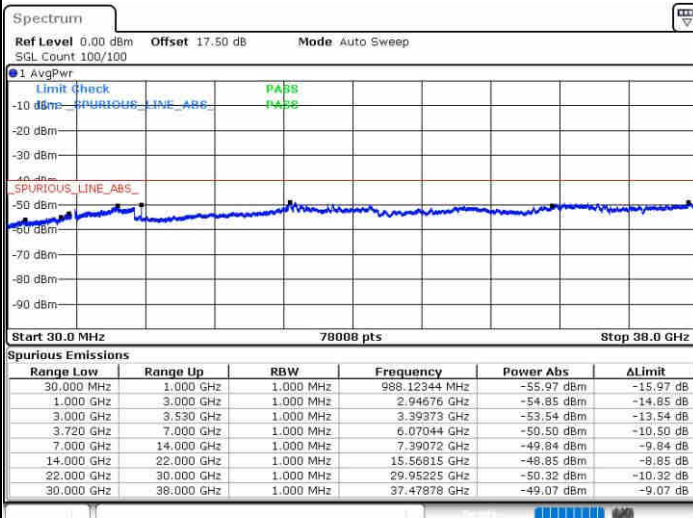


LTE Band 48 / 5MHz

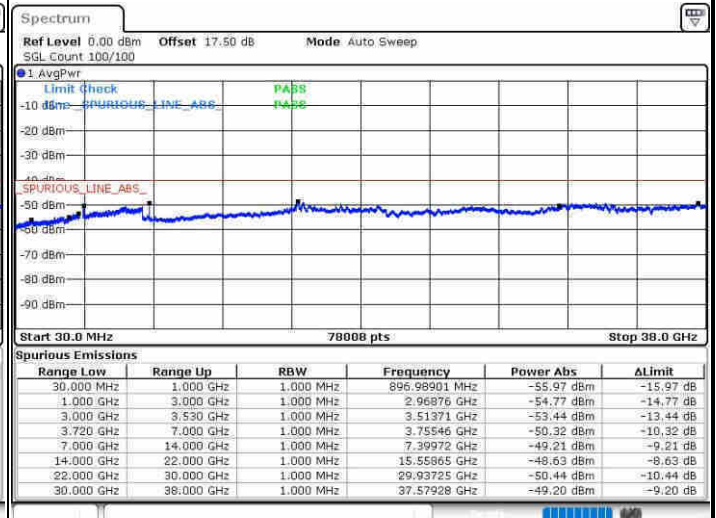
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



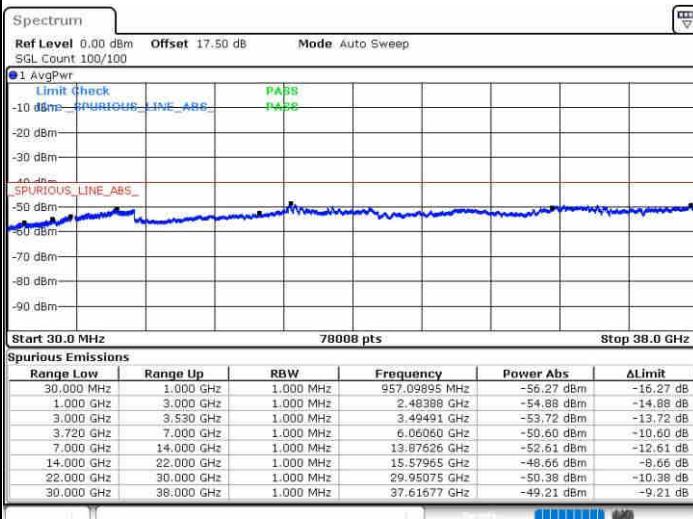
Date: 2/OCT/2018 18:17:15



Date: 2/OCT/2018 18:35:26

Highest Channel / FullIRB

N/A



Date: 2/OCT/2018 18:26:20

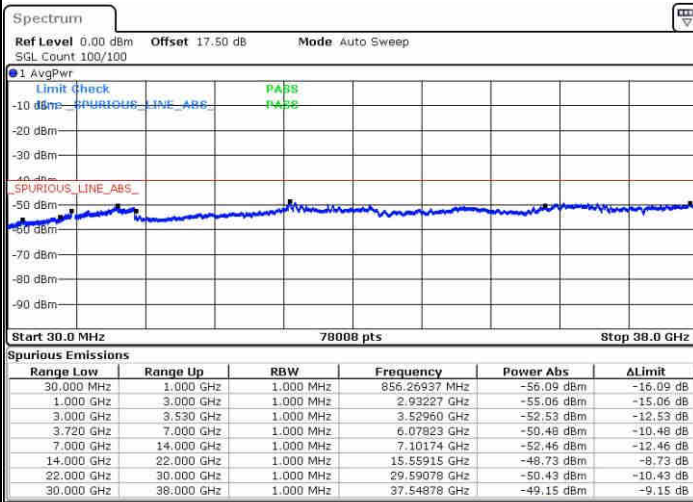


LTE Band 48 / 10MHz

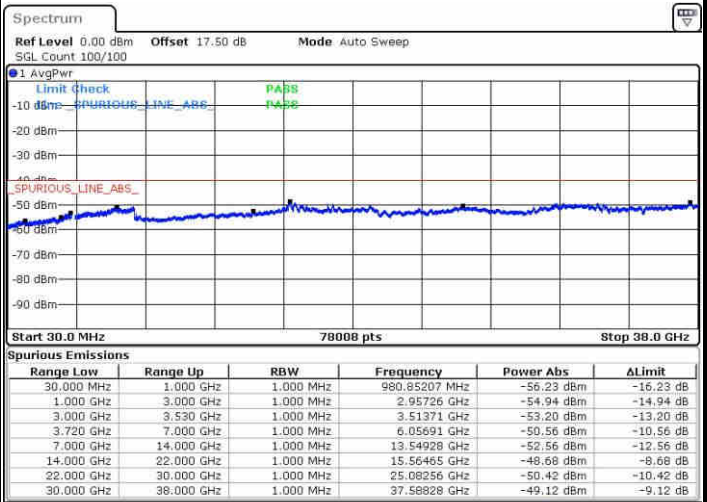
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



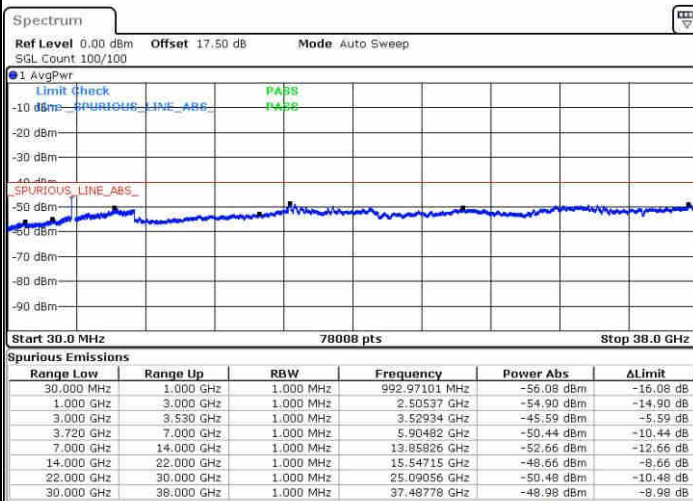
Date: 2.OCT.2018 18:36:27



Date: 2.OCT.2018 18:54:38

Lowest Channel / FullIRB

N/A



Date: 2.OCT.2018 18:45:33

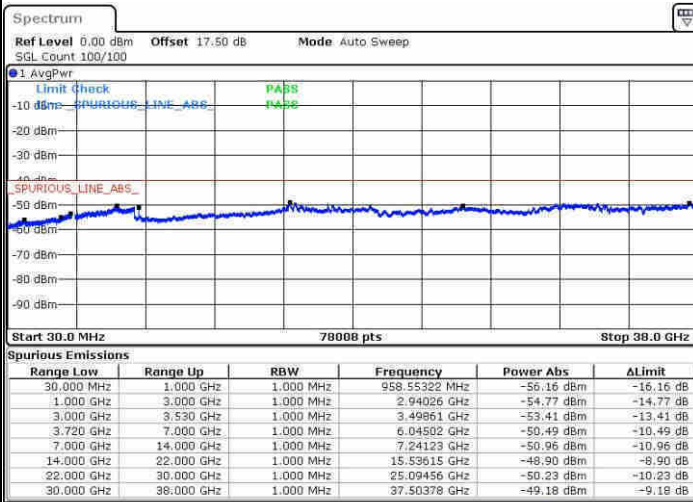


LTE Band 48 / 10MHz

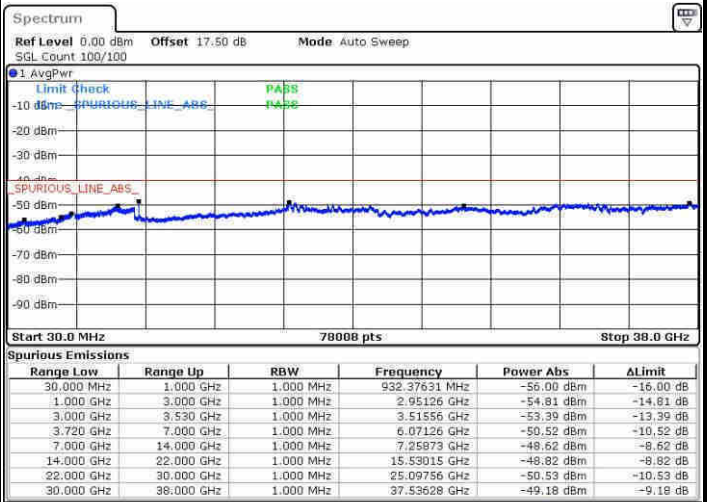
64QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



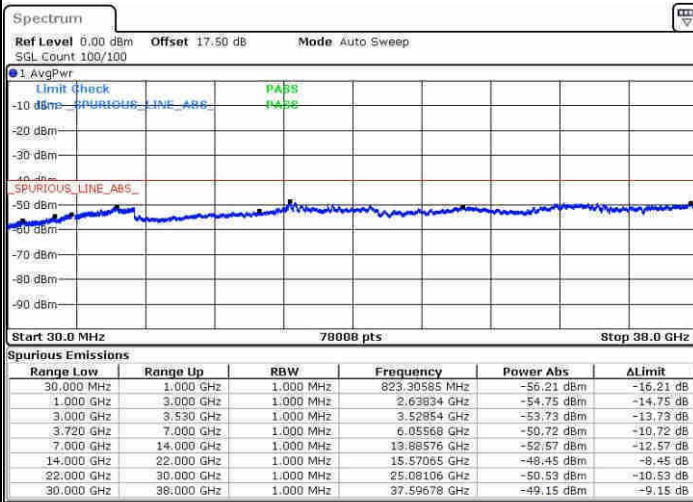
Date: 2/07/2018 18:41:30



Date: 2/07/2018 18:59:41

Middle Channel / FullIRB

N/A



Date: 2/07/2018 18:50:35

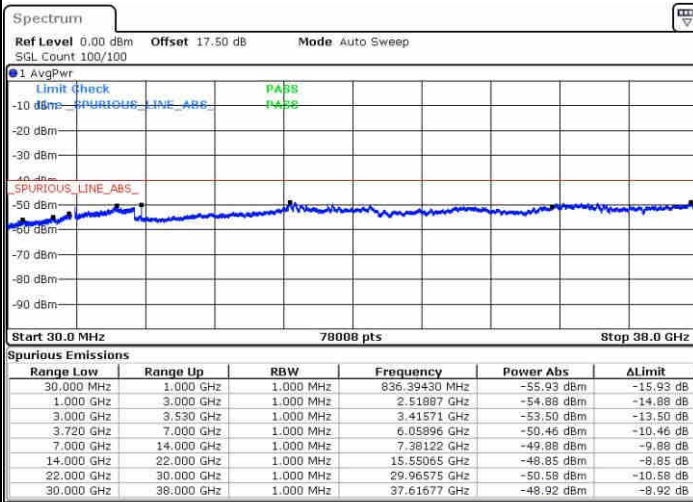


LTE Band 48 / 10MHz

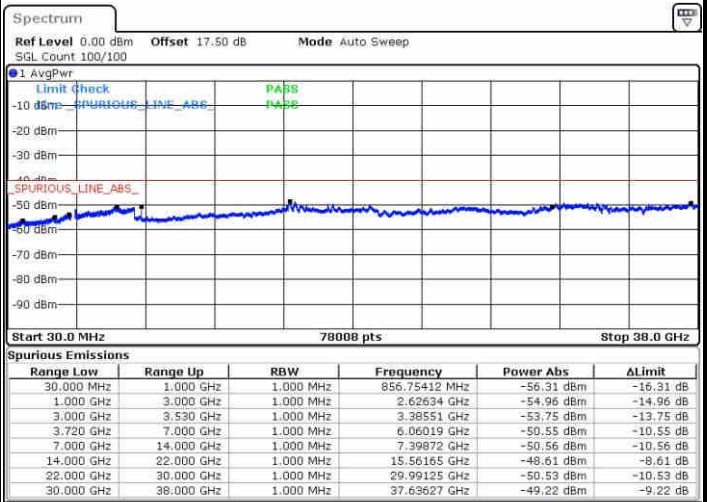
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



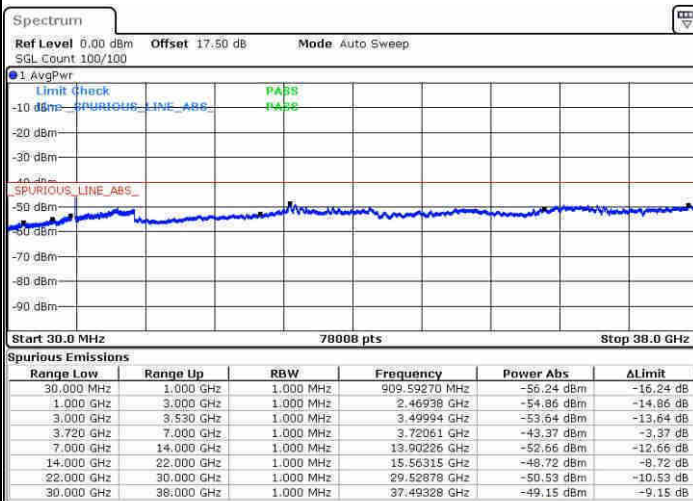
Date: 2.OCT.2018 18:42:30



Date: 2.OCT.2018 19:00:41

Highest Channel / FullIRB

N/A



Date: 2.OCT.2018 18:51:36

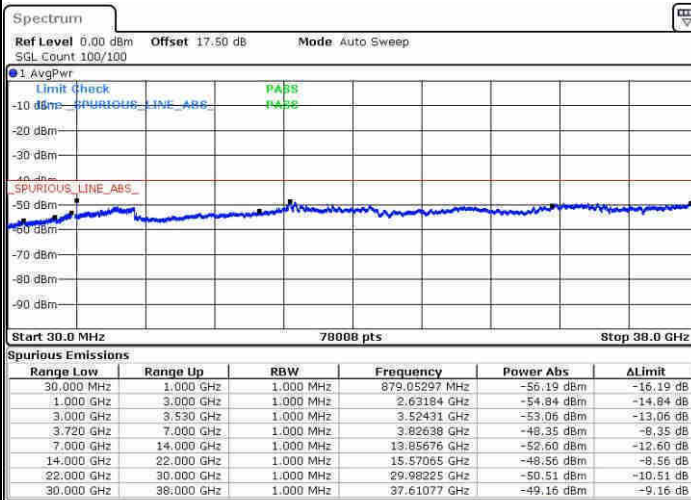


LTE Band 48 / 15MHz

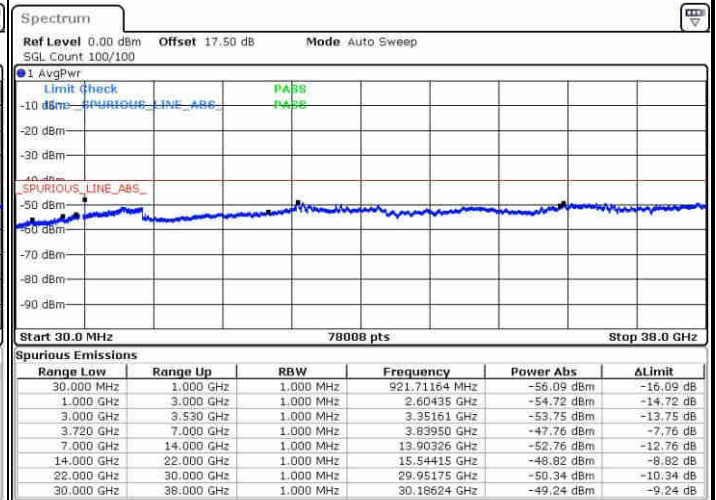
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



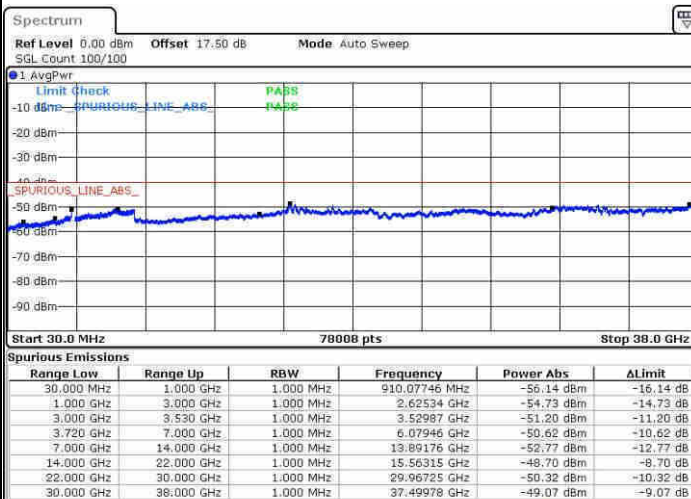
Date: 2/OCT.2018 17:41:40



Date: 2/OCT.2018 17:59:53

Lowest Channel / FullRB

N/A



Date: 2/OCT.2018 17:50:46

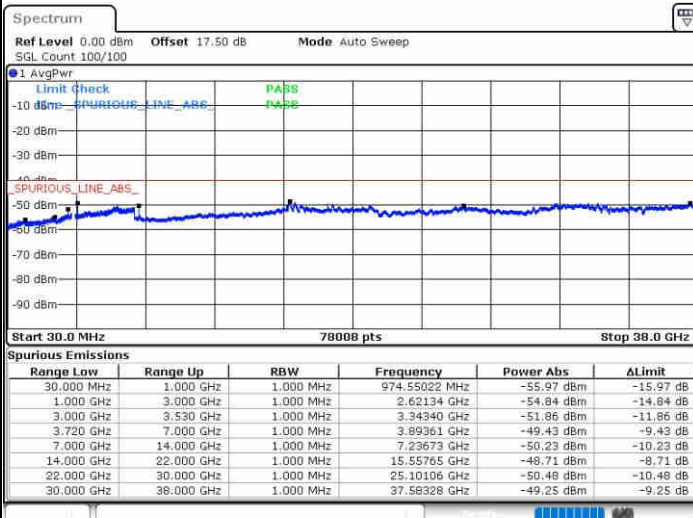


LTE Band 48 / 15MHz

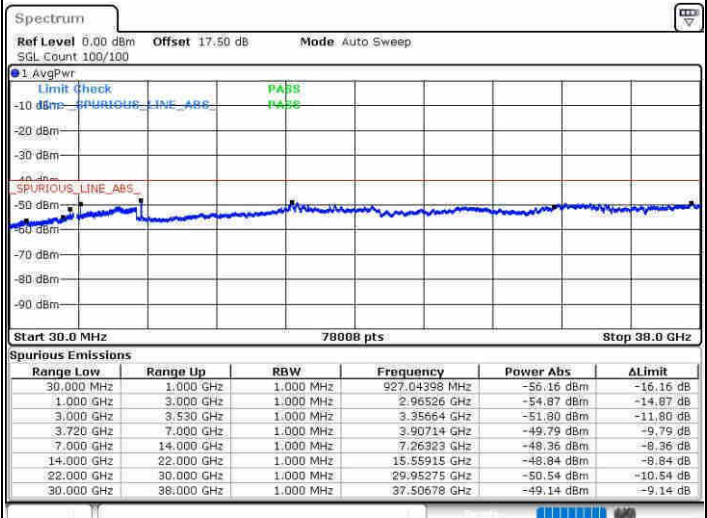
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



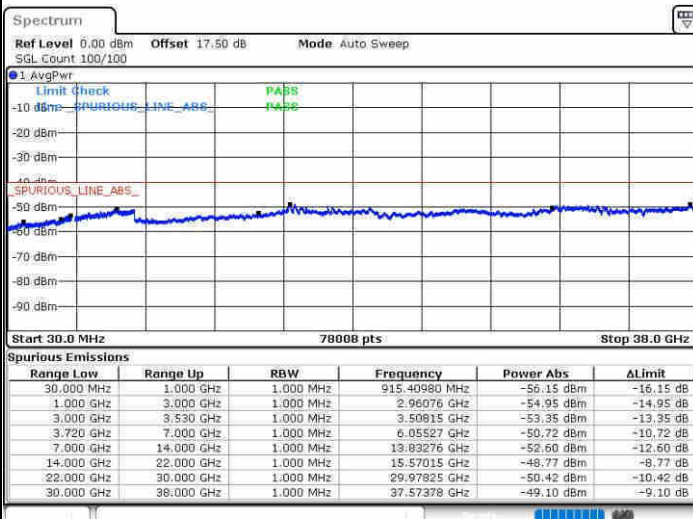
Date: 2/OCT/2018 17:42:40



Date: 2/OCT/2018 18:00:53

Middle Channel / FullIRB

N/A



Date: 2/OCT/2018 17:51:47

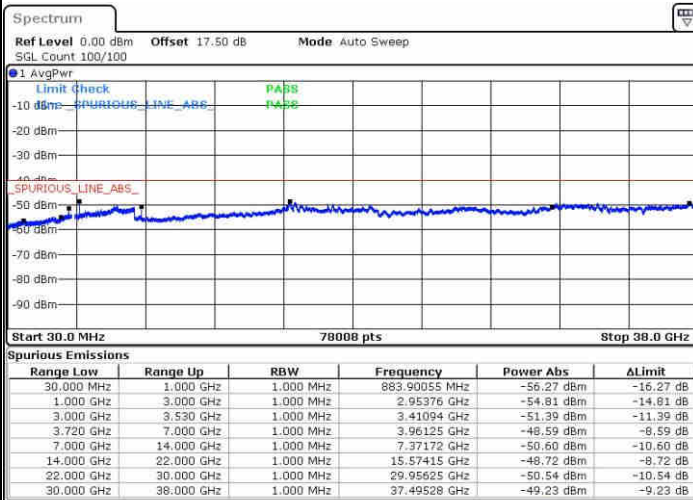


LTE Band 48 / 15MHz

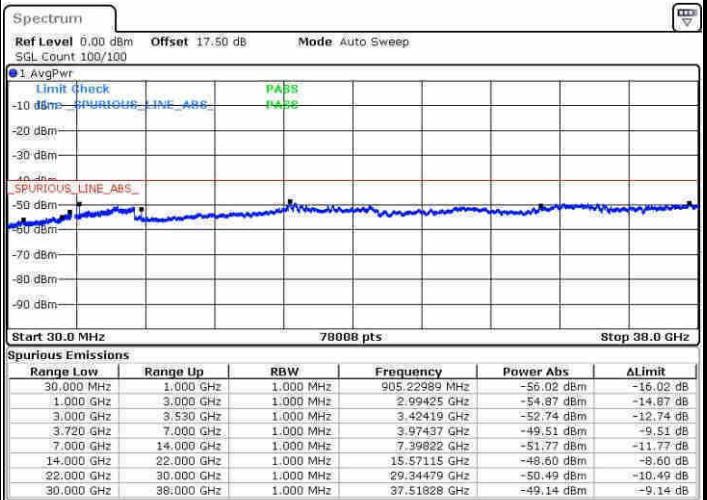
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



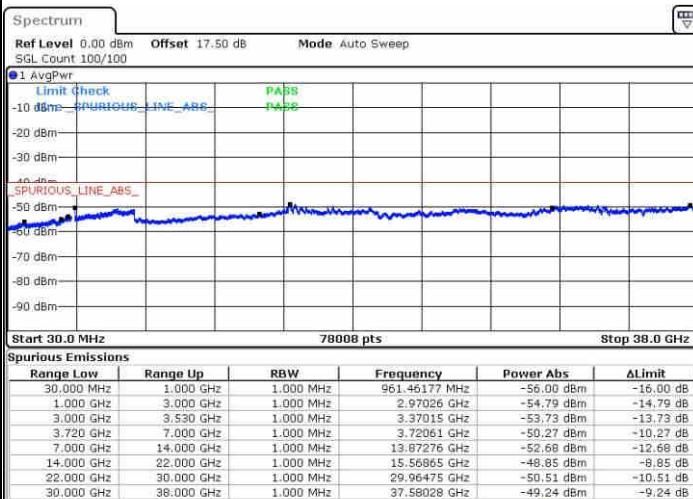
Date: 2/OCT/2018 17:47:44



Date: 2/OCT/2018 18:05:56

Highest Channel / FullIRB

N/A



Date: 2/OCT/2018 17:56:50

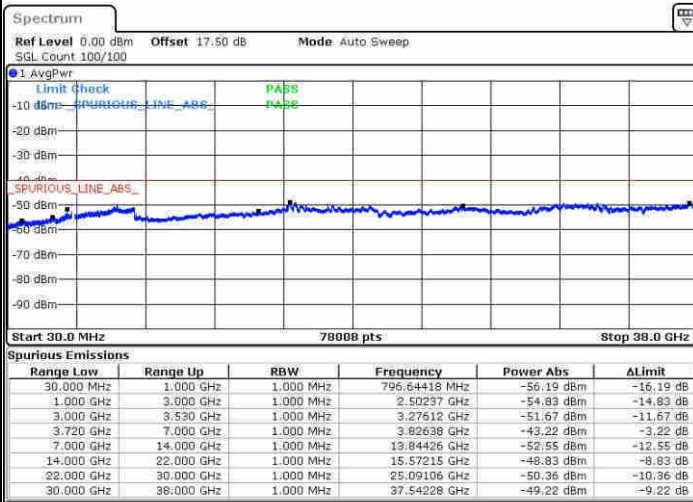


LTE Band 48 / 20MHz

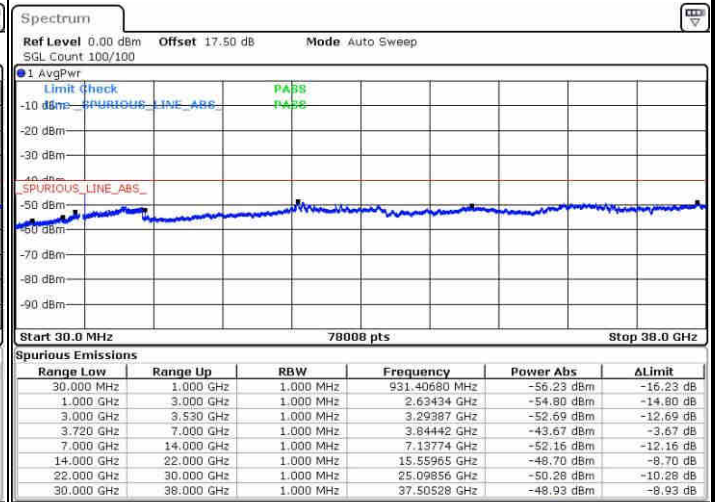
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



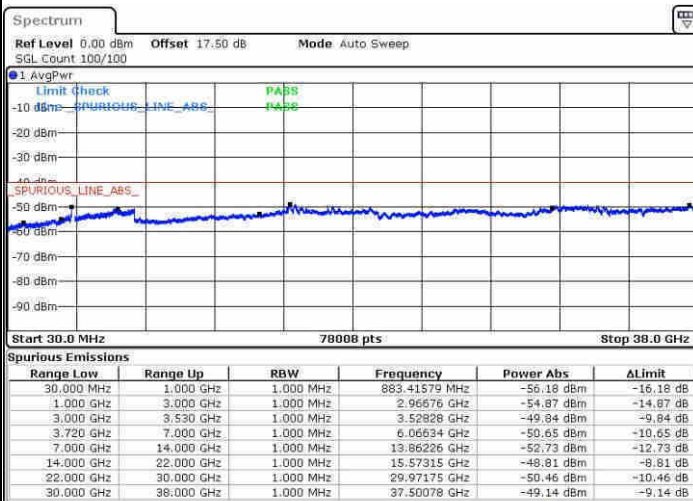
Date: 2/OCT.2018 16:36:44



Date: 2/OCT.2018 17:06:53

Lowest Channel / FullIRB

N/A



Date: 2/OCT.2018 16:45:14

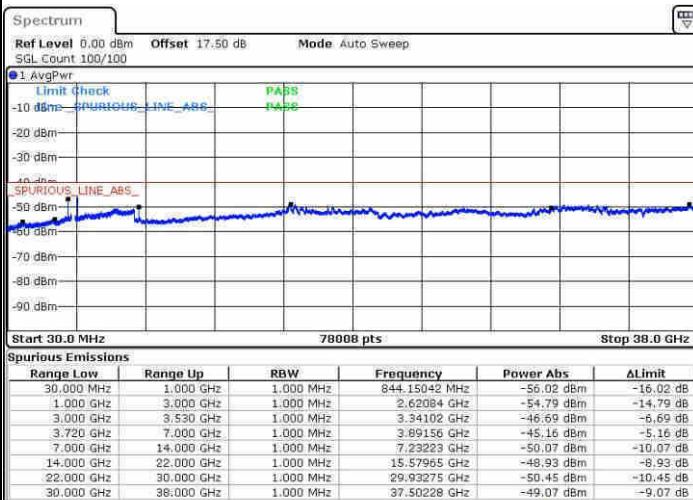


LTE Band 48 / 20MHz

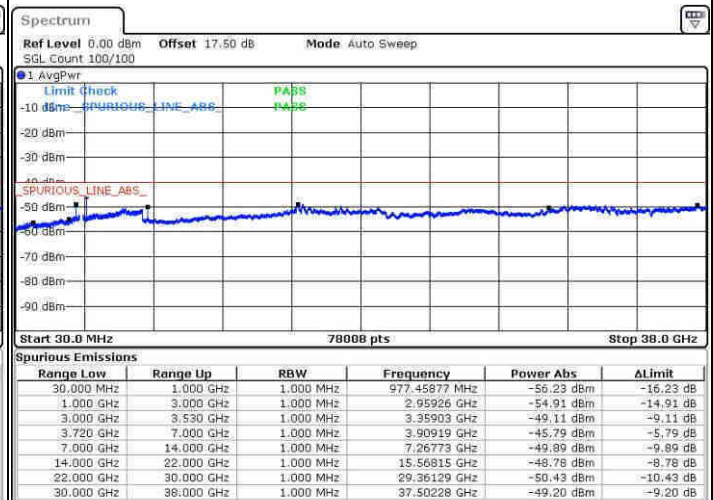
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



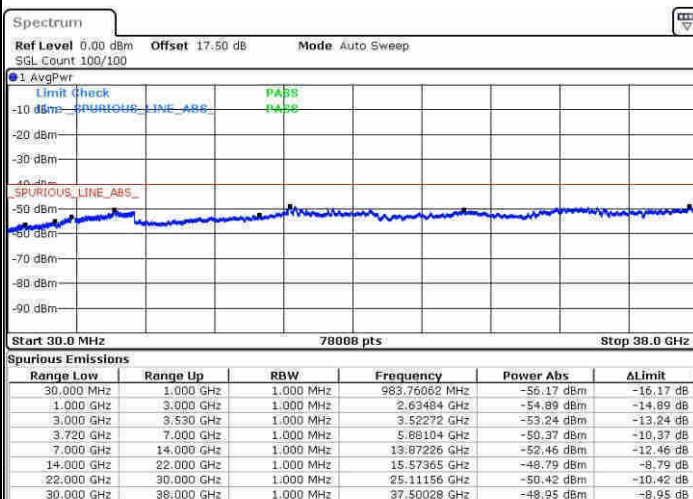
Date: 2/02/2018 17:23:29



Date: 2/02/2018 17:26:34

Middle Channel / FullIRB

N/A



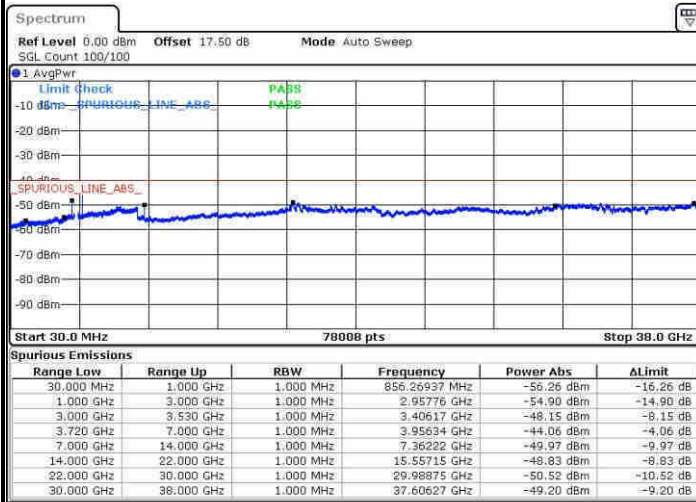
Date: 2/02/2018 17:20:28



LTE Band 48 / 20MHz

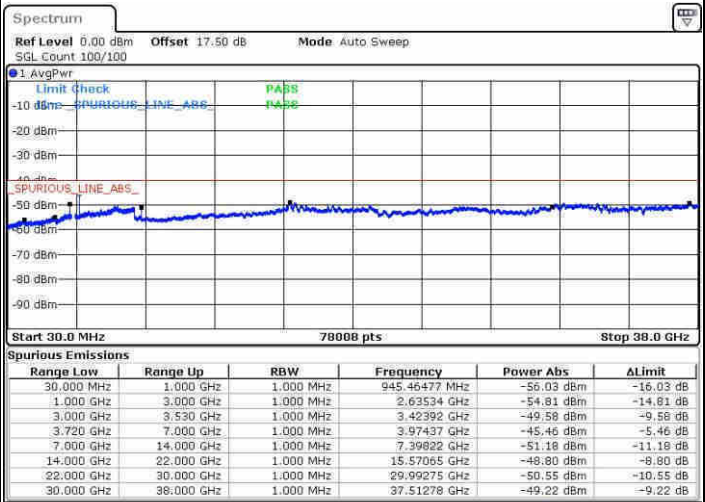
64QAM

Highest Channel / 1RB0



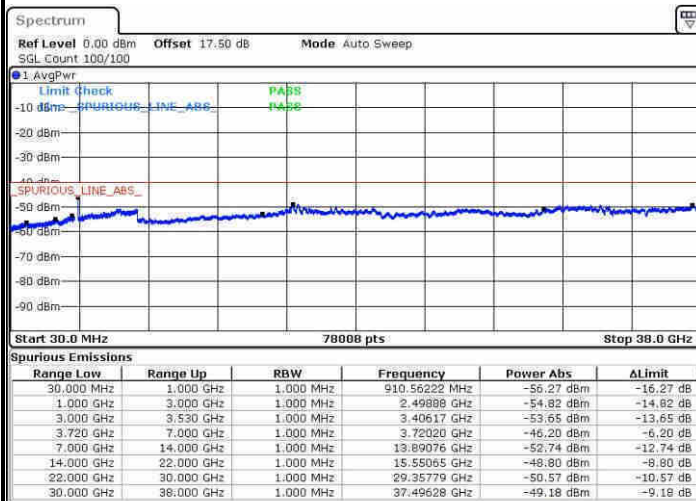
Date: 2007.2018 16:58:55

Highest Channel / 1RBmax



Date: 2007.2018 17:00:58

Highest Channel / FullIRB



Date: 2007.2018 16:55:53

N/A

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	0.0135	PASS
40	Normal Voltage	0.0139	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0132	
0	Normal Voltage	0.0146	
-10	Normal Voltage	0.0141	
-20	Normal Voltage	0.0135	
-30	Normal Voltage	0.0143	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0139	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of EIRP and Radiated Test

EIRP

<Main Antenna>

LTE Band 48 / 5MHz (Average) (GT - LC = -0.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.11	0.1626	21.87	0.1538
Middle		1	0	22.37	0.1726	22.13	0.1633
Highest		1	0	22.46	0.1762	22.22	0.1667
Lowest	16QAM	1	0	21.49	0.1409	21.25	0.1334
Middle		1	0	21.68	0.1472	21.44	0.1393
Highest		1	0	21.77	0.1503	21.53	0.1422
Lowest	64QAM	1	0	20.23	0.1054	19.99	0.0998
Middle		1	0	20.42	0.1102	20.18	0.1042
Highest		1	0	20.52	0.1127	20.28	0.1067
Limit					Result	PASS	

LTE Band 48 / 10MHz (Average) (GT - LC = -0.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.68	0.1472	21.44	0.1393
Middle		1	0	22.47	0.1766	22.23	0.1671
Highest		1	0	21.99	0.1581	21.75	0.1496
Lowest	16QAM	1	0	21.01	0.1262	20.77	0.1194
Middle		1	0	21.74	0.1493	21.50	0.1413
Highest		1	0	21.35	0.1365	21.11	0.1291
Lowest	64QAM	1	0	19.76	0.0946	19.52	0.0895
Middle		1	0	20.49	0.1119	20.25	0.1059
Highest		1	0	20.11	0.1026	19.87	0.0971
Limit					Result	PASS	

LTE Band 48 / 15MHz (Average) (GT - LC = -0.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.88	0.1225	20.64	0.1159
Middle		1	0	22.48	0.1770	22.24	0.1675
Highest		1	0	21.54	0.1426	21.30	0.1349
Lowest	16QAM	1	0	20.23	0.1054	19.99	0.0998
Middle		1	0	21.81	0.1517	21.57	0.1435
Highest		1	0	20.79	0.1199	20.55	0.1135
Lowest	64QAM	1	0	19.04	0.0802	18.80	0.0759
Middle		1	0	20.56	0.1138	20.32	0.1076
Highest		1	0	19.62	0.0916	19.38	0.0867
Limit					Result	PASS	

LTE Band 48 / 20MHz (Average) (GT - LC = -0.24 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.01	0.1262	20.77	0.1194
Middle		1	0	22.52	0.1786	22.28	0.1690
Highest		1	0	21.52	0.1419	21.28	0.1343
Lowest	16QAM	1	0	20.31	0.1074	20.07	0.1016
Middle		1	0	21.81	0.1517	21.57	0.1435
Highest		1	0	20.79	0.1199	20.55	0.1135
Lowest	64QAM	1	0	19.11	0.0815	18.87	0.0771
Middle		1	0	20.52	0.1127	20.28	0.1067
Highest		1	0	19.58	0.0908	19.34	0.0859
Limit					Result	PASS	



<For Aux. Antenna>

LTE Band 48 / 5MHz (Average) (GT - LC = -3.69 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.11	0.1626	18.42	0.0695
Middle		1	0	22.37	0.1726	18.68	0.0738
Highest		1	0	22.46	0.1762	18.77	0.0753
Lowest	16QAM	1	0	21.49	0.1409	17.80	0.0603
Middle		1	0	21.68	0.1472	17.99	0.0630
Highest		1	0	21.77	0.1503	18.08	0.0643
Lowest	64QAM	1	0	20.23	0.1054	16.54	0.0451
Middle		1	0	20.42	0.1102	16.73	0.0471
Highest		1	0	20.52	0.1127	16.83	0.0482
Limit				Result		PASS	

LTE Band 48 / 10MHz (Average) (GT - LC = -3.69 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.68	0.1472	17.99	0.0630
Middle		1	0	22.47	0.1766	18.78	0.0755
Highest		1	0	21.99	0.1581	18.30	0.0676
Lowest	16QAM	1	0	21.01	0.1262	17.32	0.0540
Middle		1	0	21.74	0.1493	18.05	0.0638
Highest		1	0	21.35	0.1365	17.66	0.0583
Lowest	64QAM	1	0	19.76	0.0946	16.07	0.0405
Middle		1	0	20.49	0.1119	16.80	0.0479
Highest		1	0	20.11	0.1026	16.42	0.0439
Limit				Result		PASS	

LTE Band 48 / 15MHz (Average) (GT - LC = -3.69 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	20.88	0.1225	17.19	0.0524
Middle		1	0	22.48	0.1770	18.79	0.0757
Highest		1	0	21.54	0.1426	17.85	0.0610
Lowest	16QAM	1	0	20.23	0.1054	16.54	0.0451
Middle		1	0	21.81	0.1517	18.12	0.0649
Highest		1	0	20.79	0.1199	17.10	0.0513
Lowest	64QAM	1	0	19.04	0.0802	15.35	0.0343
Middle		1	0	20.56	0.1138	16.87	0.0486
Highest		1	0	19.62	0.0916	15.93	0.0392
Limit				Result		PASS	

LTE Band 48 / 20MHz (Average) (GT - LC = -3.69 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.01	0.1262	17.32	0.0540
Middle		1	0	22.52	0.1786	18.83	0.0764
Highest		1	0	21.52	0.1419	17.83	0.0607
Lowest	16QAM	1	0	20.31	0.1074	16.62	0.0459
Middle		1	0	21.81	0.1517	18.12	0.0649
Highest		1	0	20.79	0.1199	17.10	0.0513
Lowest	64QAM	1	0	19.11	0.0815	15.42	0.0348
Middle		1	0	20.52	0.1127	16.83	0.0482
Highest		1	0	19.58	0.0908	15.89	0.0388
Limit				Result		PASS	

**Radiated Spurious Emission**

<Main Antenna>

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	7099	-53.06	-40	-13.06	-56.03	-63.03	1.77	11.74	H
	10652	-45.07	-40	-5.07	-52.32	-53.50	2.47	10.90	H
	14198	-57.61	-40	-17.61	-68.96	-66.47	2.87	11.72	H
	21306	-49.08	-40	-9.08	-74.98	-65.80	1.98	18.70	H
	24857	-49.92	-40	-9.92	-76.27	-65.93	2.07	18.07	H
	28408	-48.04	-40	-8.04	-76.55	-65.28	2.32	19.56	H
	7099	-57.72	-40	-17.72	-60.3	-67.69	1.77	11.74	V
	10652	-43.78	-40	-3.78	-50.77	-52.21	2.47	10.90	V
	14198	-57.49	-40	-17.49	-68.59	-66.35	2.87	11.72	V
	21306	-56.17	-40	-16.17	-74.96	-72.89	1.98	18.70	V
	24857	-53.07	-40	-13.07	-75.73	-69.08	2.07	18.07	V
	28408	-50.29	-40	-10.29	-75.59	-67.53	2.32	19.56	V
Middle	7231	-55.88	-40	-15.88	-59.07	-65.57	1.84	11.53	H
	10850	-47.28	-40	-7.28	-54.81	-55.61	2.57	10.90	H
	14466	-57.41	-40	-17.41	-68.72	-65.64	2.85	11.08	H
	21696	-49.14	-40	-9.14	-74.77	-65.93	1.99	18.78	H
	25312	-47.94	-40	-7.94	-76.01	-64.54	2.14	18.74	H
	28928	-49.05	-40	-9.05	-77.53	-65.78	2.36	19.09	H
	7231	-56.08	-40	-16.08	-59.01	-65.77	1.84	11.53	V
	10850	-47.22	-40	-7.22	-54.55	-55.55	2.57	10.90	V
	14466	-58.18	-40	-18.18	-68.67	-66.41	2.85	11.08	V
	21696	-55.67	-40	-15.67	-74.54	-72.46	1.99	18.78	V
	25312	-52.03	-40	-12.03	-76.39	-68.63	2.14	18.74	V
	28928	-51.05	-40	-11.05	-77.1	-67.78	2.36	19.09	V



Highest	7363	-59.45	-40	-19.45	-62.58	-68.85	1.92	11.32	H
	11048	-50.21	-40	-10.21	-58.09	-58.54	2.63	10.96	H
	14733	-56.17	-40	-16.17	-68.79	-65.00	2.92	11.75	H
	22085	-47.22	-40	-7.22	-71.59	-64.01	2.08	18.87	H
	25767	-47.81	-40	-7.81	-76.54	-64.83	2.03	19.05	H
	29451	-46.91	-40	-6.91	-76.83	-64.03	2.15	19.27	H
	7363	-57.45	-40	-17.45	-60.4	-66.85	1.92	11.32	V
	11048	-55.43	-40	-15.43	-63.14	-63.76	2.63	10.96	V
	14733	-58.38	-40	-18.38	-69.3	-67.21	2.92	11.75	V
	22085	-54.55	-40	-14.55	-72.66	-71.34	2.08	18.87	V
	25767	-51.36	-40	-11.36	-76.49	-68.38	2.03	19.05	V
	29451	-47.62	-40	-7.62	-75.08	-64.74	2.15	19.27	V

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



<Aux. Antenna>

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	7099	-55.89	-40	-15.89	-58.86	-65.86	1.77	11.74	H
	10652	-54.84	-40	-14.84	-62.09	-63.27	2.47	10.90	H
	14198	-57.79	-40	-17.79	-69.14	-66.65	2.87	11.72	H
	21306	-48.96	-40	-8.96	-74.86	-65.68	1.98	18.70	H
	24857	-49.83	-40	-9.83	-76.18	-65.84	2.07	18.07	H
	28408	-47.95	-40	-7.95	-76.46	-65.19	2.32	19.56	H
	7099	-59.70	-40	-19.70	-62.28	-69.67	1.77	11.74	V
	10652	-56.36	-40	-16.36	-63.35	-64.79	2.47	10.90	V
	14198	-58.14	-40	-18.14	-69.25	-67.00	2.87	11.72	V
	21306	-56.31	-40	-16.31	-75.1	-73.03	1.98	18.70	V
	24857	-53.83	-40	-13.83	-76.49	-69.84	2.07	18.07	V
	28408	-51.31	-40	-11.31	-76.61	-68.55	2.32	19.56	V
Middle	7231	-60.00	-40	-20.00	-63.19	-69.69	1.84	11.53	H
	10850	-55.18	-40	-15.18	-62.71	-63.51	2.57	10.90	H
	14469	-54.30	-40	-14.30	-65.61	-62.52	2.85	11.07	H
	21696	-48.78	-40	-8.78	-74.41	-65.57	1.99	18.78	H
	25315	-48.08	-40	-8.08	-76.15	-64.68	2.14	18.74	H
	28928	-48.78	-40	-8.78	-77.26	-65.51	2.36	19.09	H
	7231	-60.21	-40	-20.21	-63.14	-69.90	1.84	11.53	V
	10850	-54.48	-40	-14.48	-61.81	-62.81	2.57	10.90	V
	14469	-57.17	-40	-17.17	-67.66	-65.39	2.85	11.07	V
	21696	-54.94	-40	-14.94	-73.81	-71.73	1.99	18.78	V
	25315	-49.14	-40	-9.14	-73.5	-65.74	2.14	18.74	V
	28928	-51.39	-40	-11.39	-77.44	-68.12	2.36	19.09	V



Highest	7363	-59.92	-40	-19.92	-63.05	-69.32	1.92	11.32	H
	11048	-57.89	-40	-17.89	-65.77	-66.22	2.63	10.96	H
	14733	-53.42	-40	-13.42	-66.04	-62.25	2.92	11.75	H
	22085	-46.44	-40	-6.44	-70.81	-63.23	2.08	18.87	H
	25767	-47.94	-40	-7.94	-76.67	-64.96	2.03	19.05	H
	29448	-47.11	-40	-7.11	-77.03	-64.22	2.15	19.27	H
	7363	-60.11	-40	-20.11	-63.06	-69.51	1.92	11.32	V
	11048	-58.74	-40	-18.74	-66.45	-67.07	2.63	10.96	V
	14733	-58.03	-40	-18.03	-68.95	-66.86	2.92	11.75	V
	22085	-54.87	-40	-14.87	-72.98	-71.66	2.08	18.87	V
	25767	-51.66	-40	-11.66	-76.79	-68.68	2.03	19.05	V
	29448	-49.84	-40	-9.84	-77.3	-66.95	2.15	19.27	V

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

—————**THE END**—————