

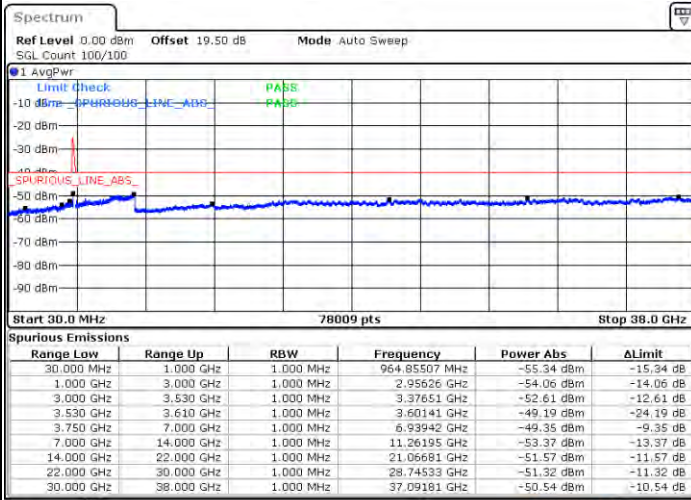


LTE Band 48C / 20MHz+15MHz

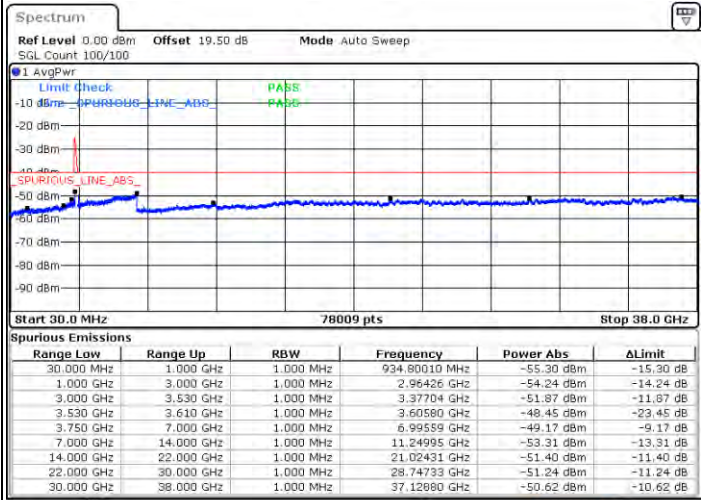
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



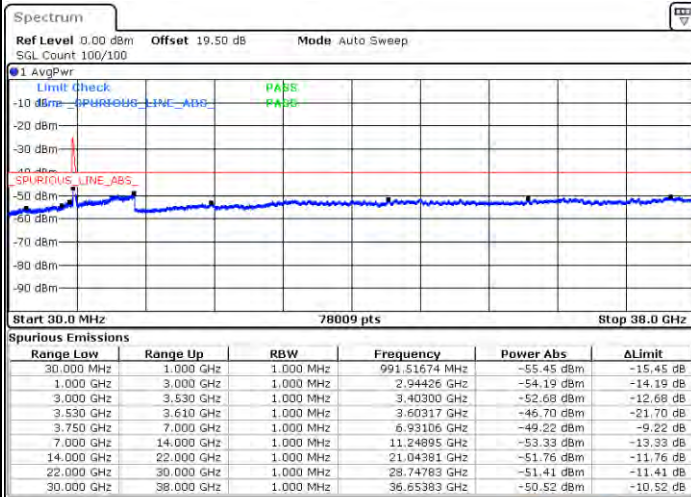
Date: 23.FEB.2021 15:42:28



Date: 23.FEB.2021 15:34:52

Highest Channel / FullIRB

N/A



Date: 23.FEB.2021 15:44:00

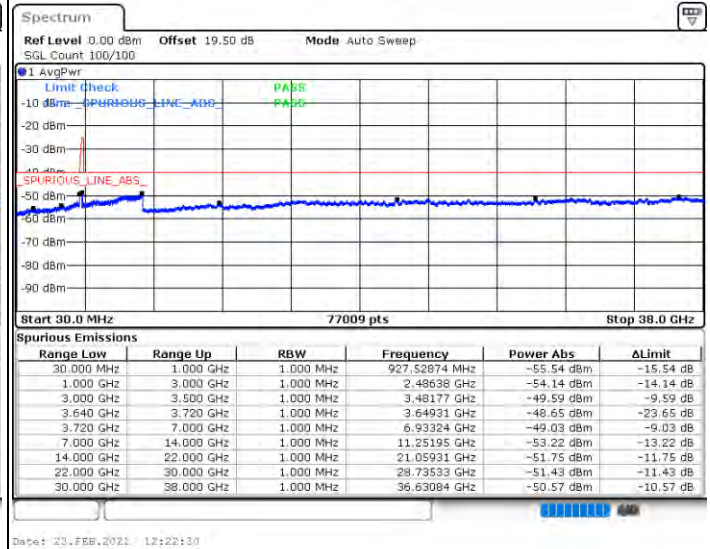
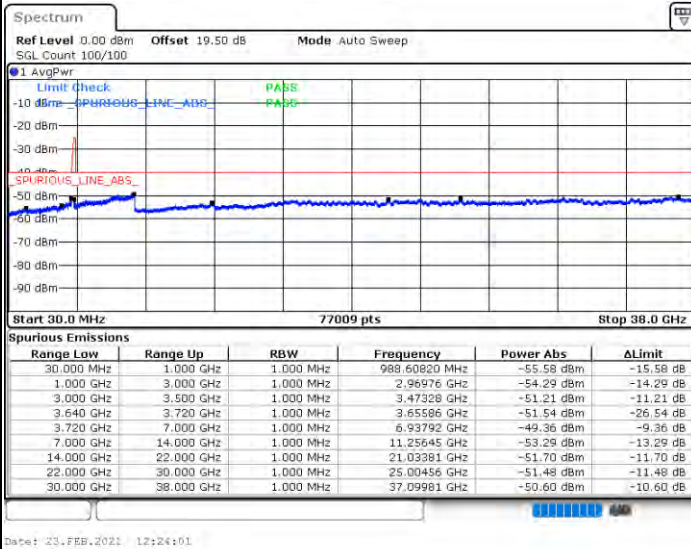


LTE Band 48C / 20MHz+20MHz

QPSK

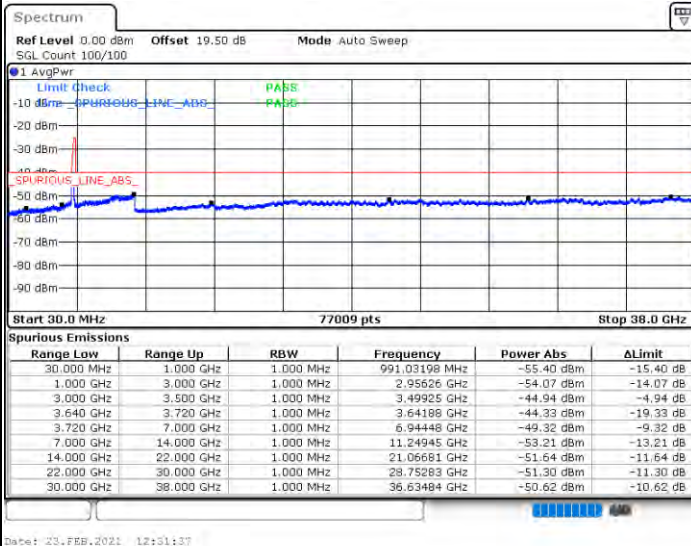
Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



Lowest Channel / FullIRB

N/A



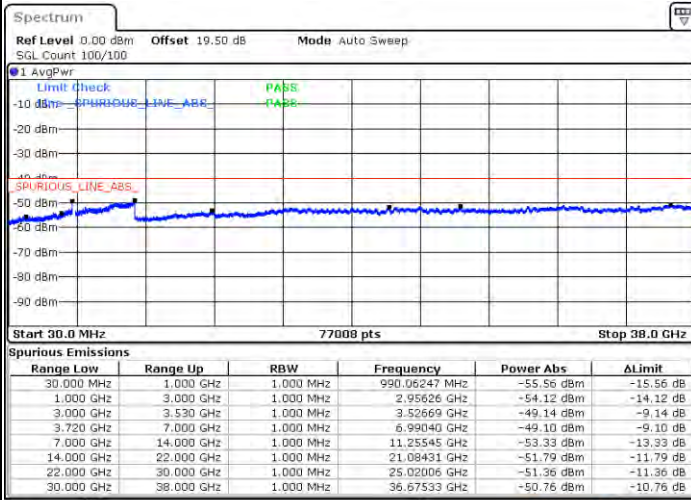


LTE Band 48C / 20MHz+20MHz

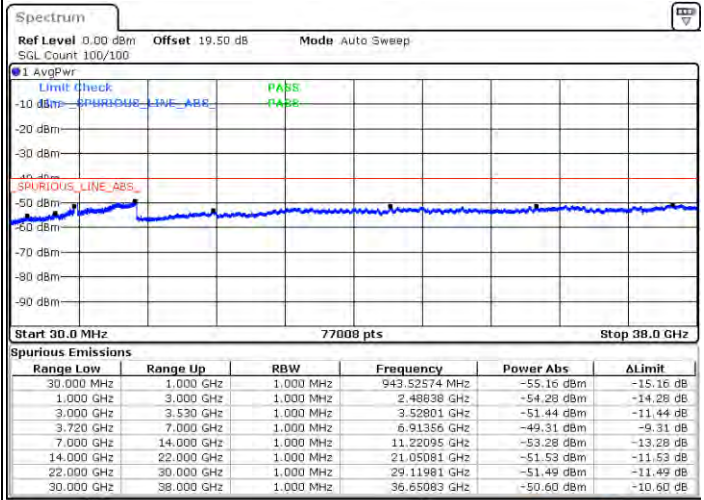
QPSK

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



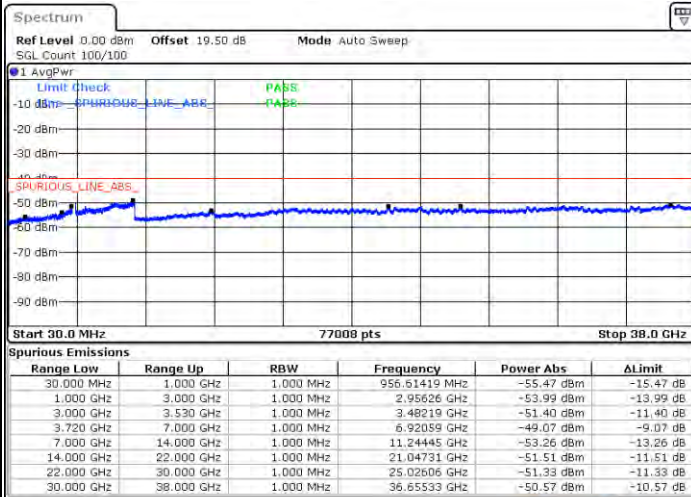
Date: 23.FEB.2021 13:01:54



Date: 23.FEB.2021 13:03:25

Middle Channel / FullRB

N/A



Date: 23.FEB.2021 12:54:18

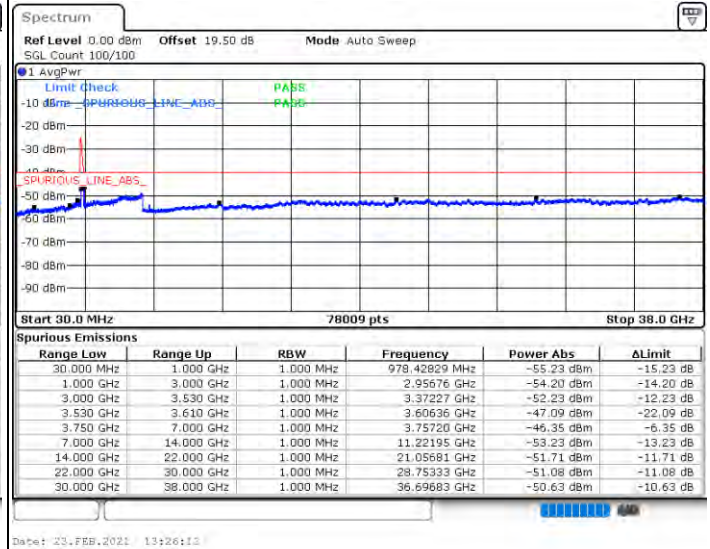
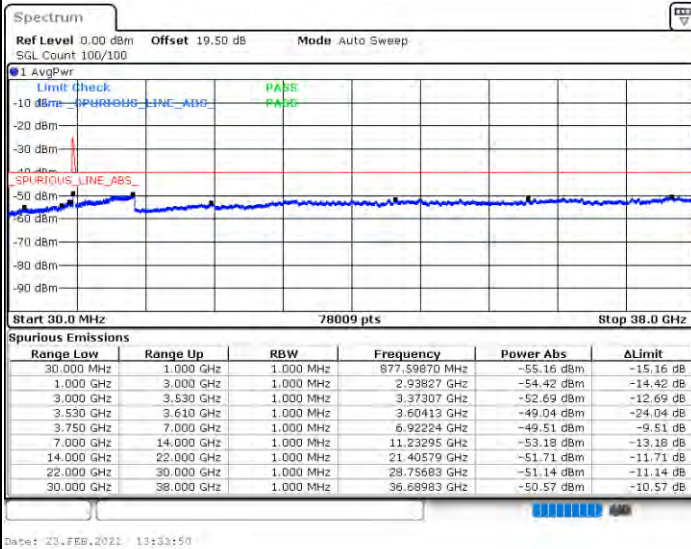


LTE Band 48C / 20MHz+20MHz

QPSK

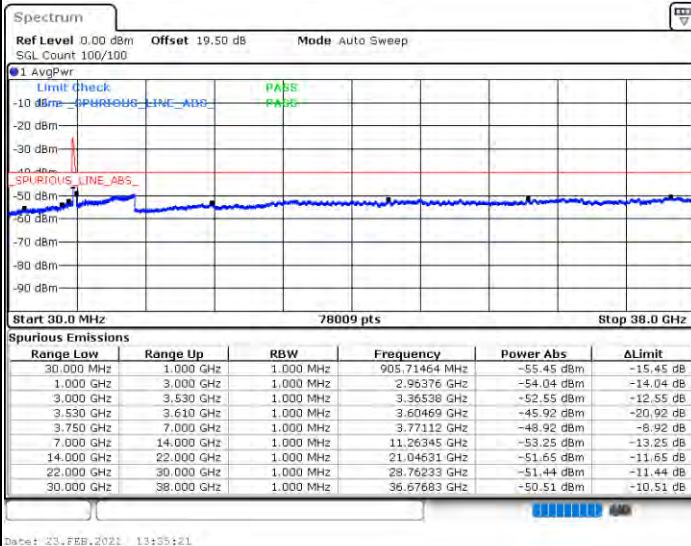
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Highest Channel / FullRB

N/A



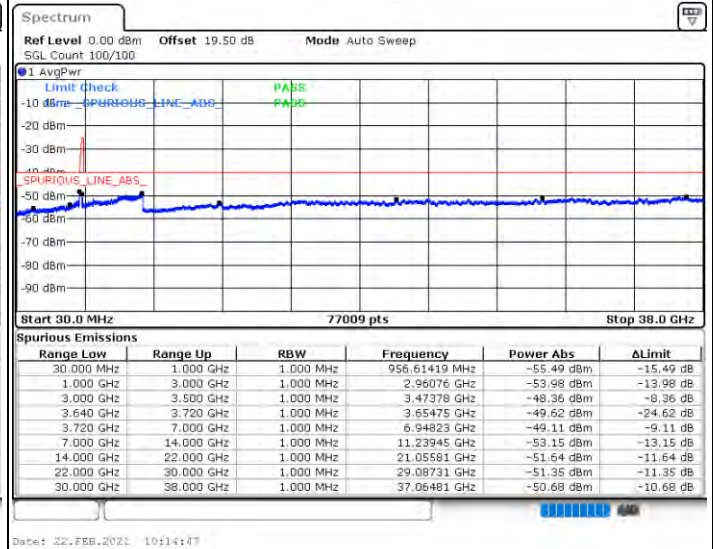
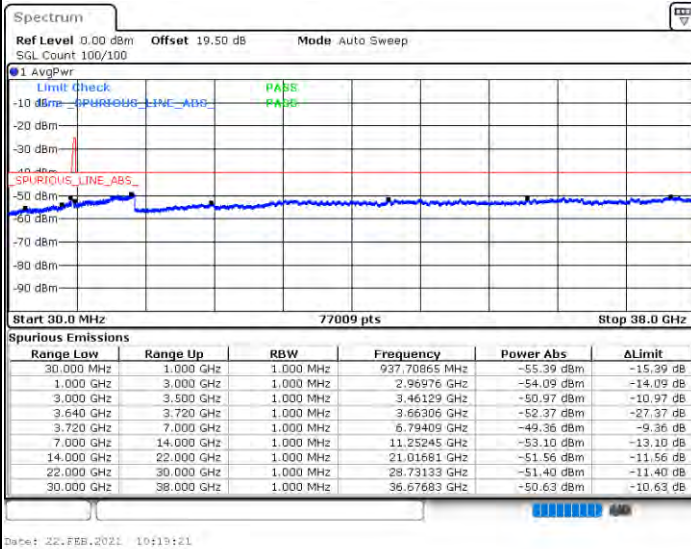


LTE Band 48C / 5MHz+20MHz

16QAM

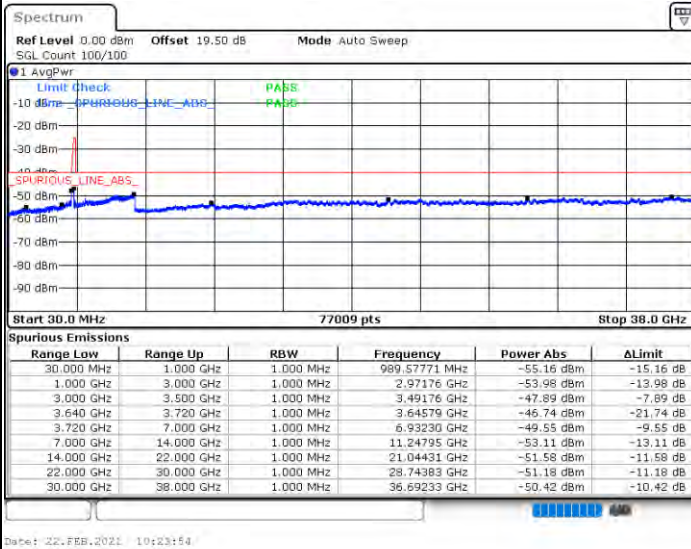
Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



Lowest Channel / FullRB

N/A



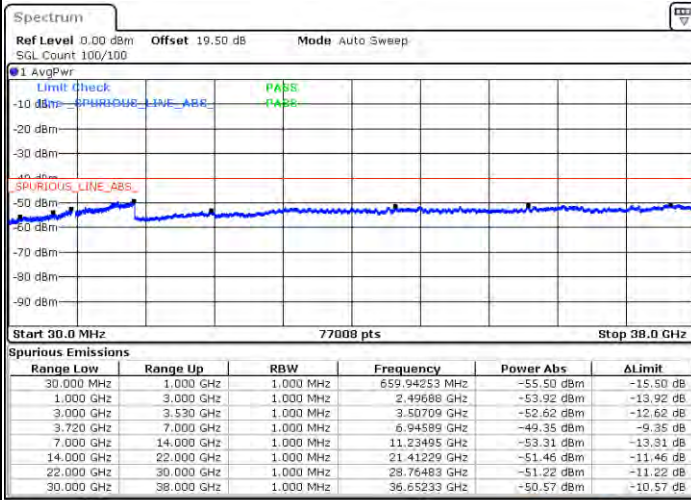


LTE Band 48C / 5MHz+20MHz

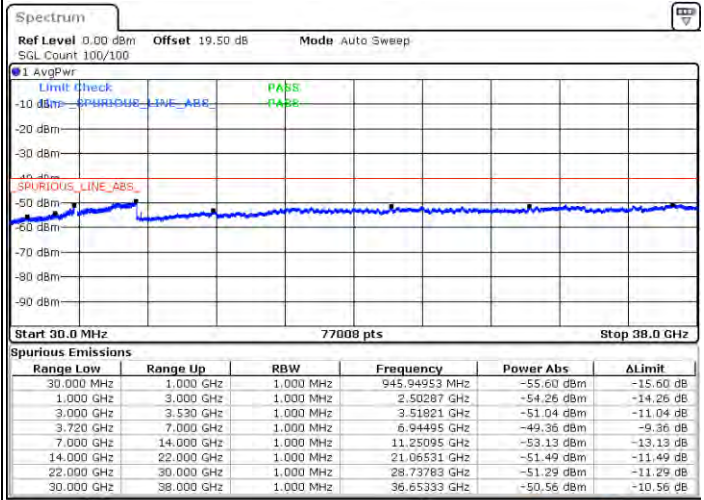
16QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



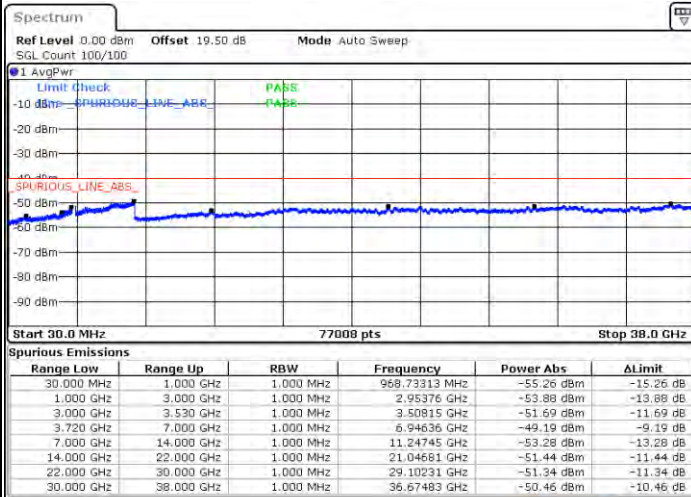
Date: 22.FEB.2021 10:51:14



Date: 22.FEB.2021 10:55:48

Middle Channel / FullRB

N/A



Date: 22.FEB.2021 10:46:41

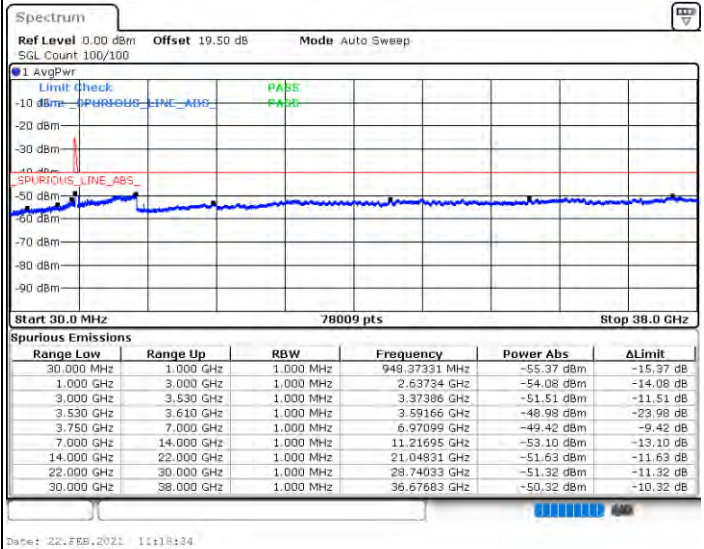
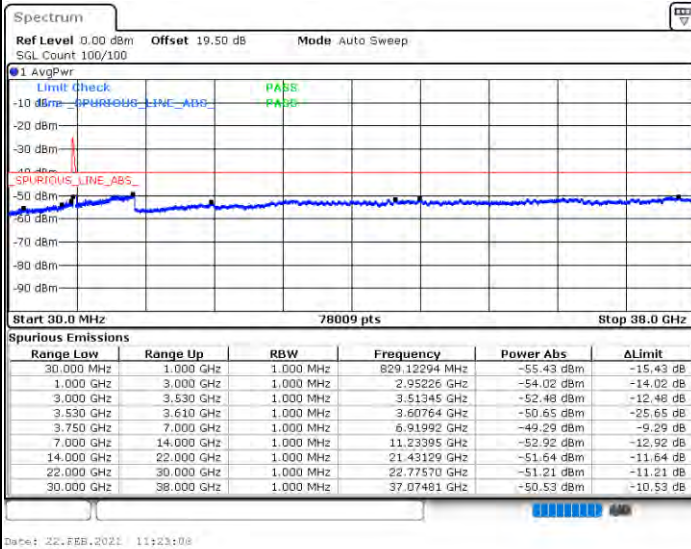


LTE Band 48C / 5MHz+20MHz

16QAM

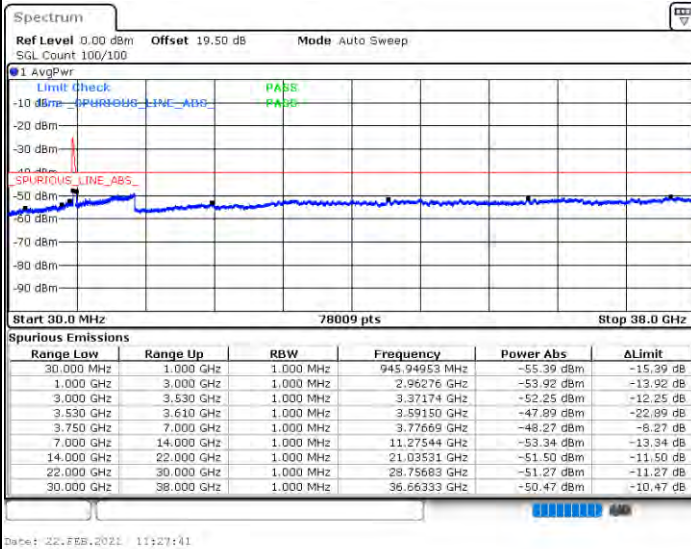
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Highest Channel / FullIRB

N/A



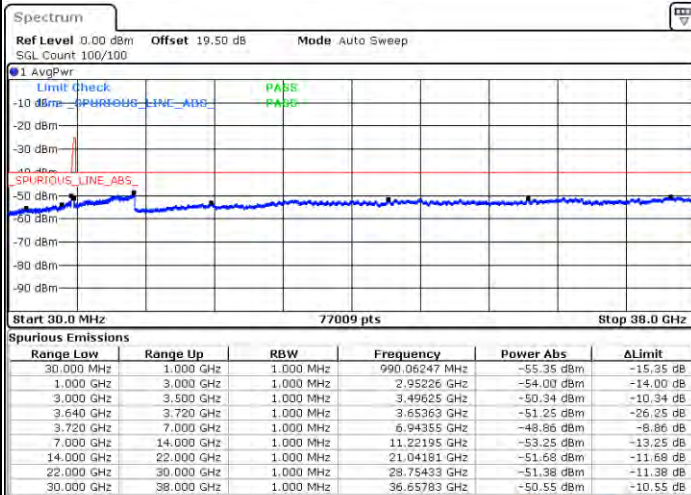


LTE Band 48C / 10MHz+20MHz

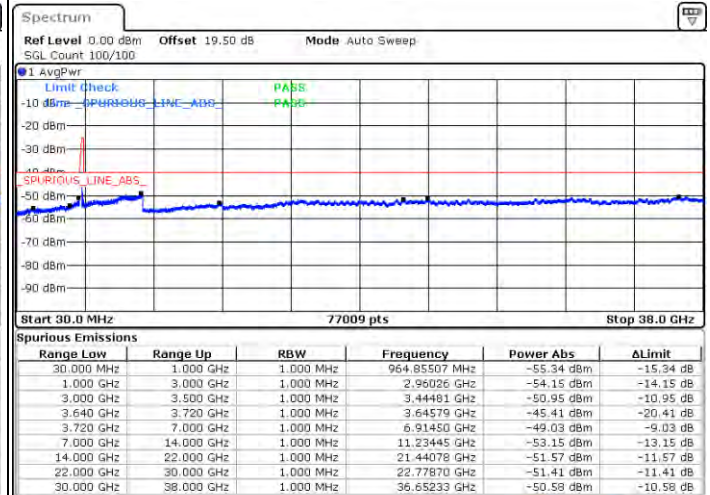
16QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



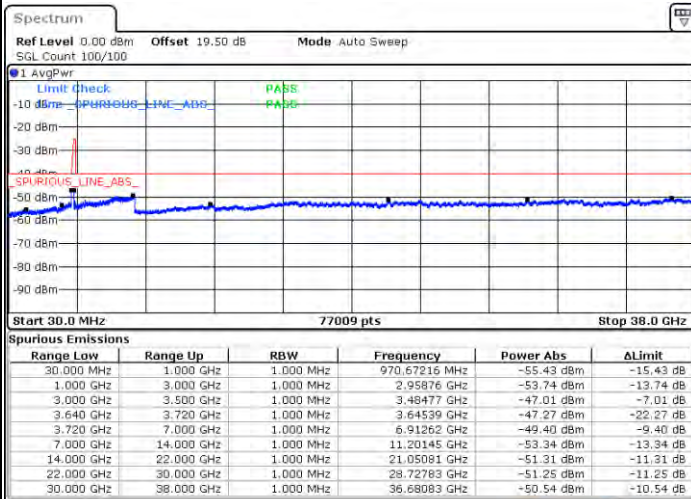
Date: 22.FEB.2021 15:11:21



Date: 22.FEB.2021 15:06:48

Lowest Channel / FullIRB

N/A



Date: 22.FEB.2021 15:15:55

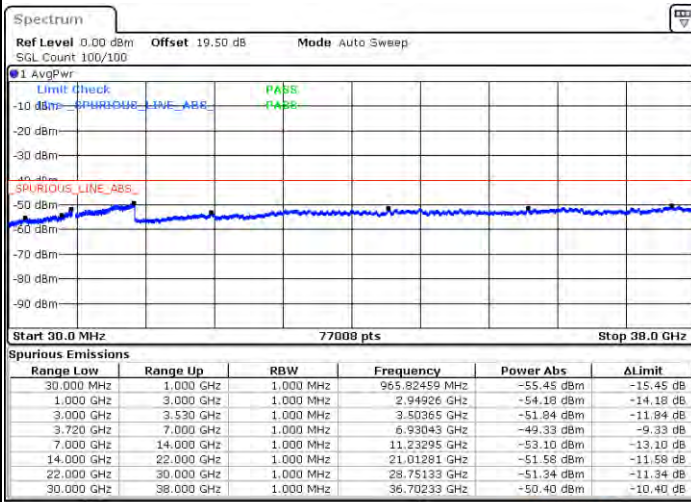


LTE Band 48C / 10MHz+20MHz

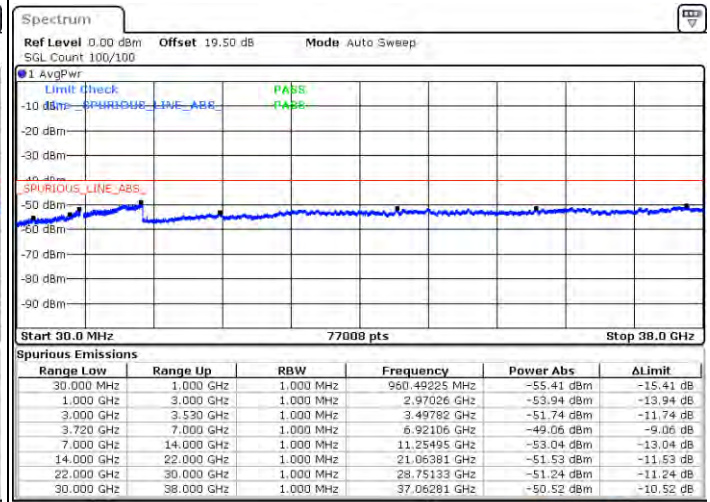
16QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



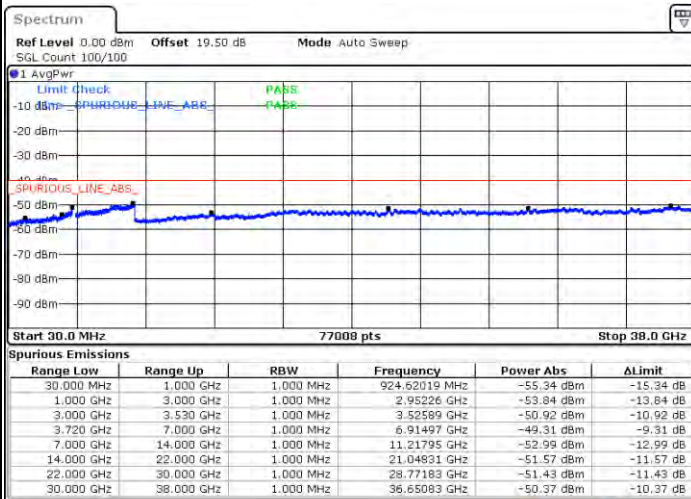
Date: 22.FEB.2021 15:25:01



Date: 22.FEB.2021 15:29:37

Middle Channel / FullIRB

N/A



Date: 22.FEB.2021 15:20:29

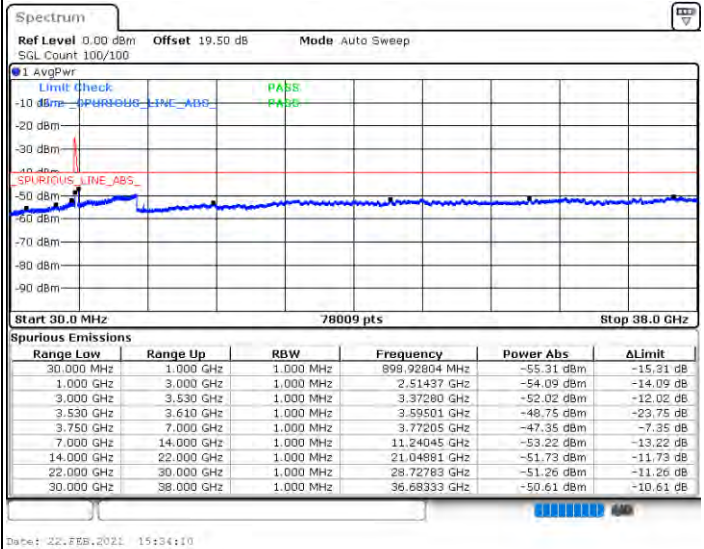
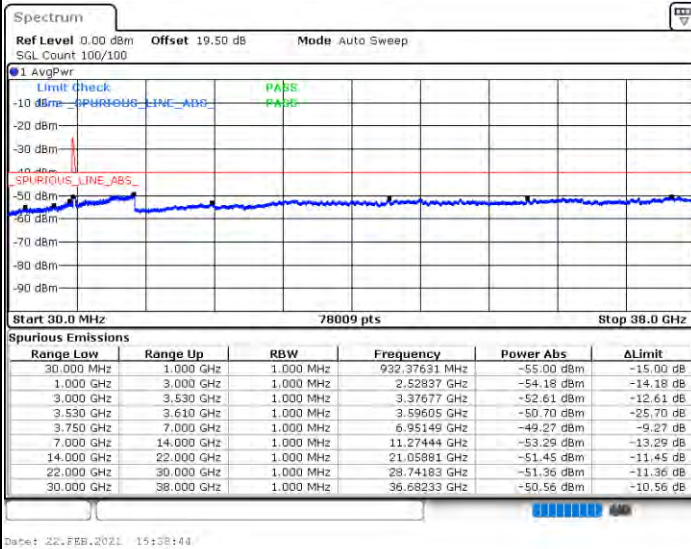


LTE Band 48C / 10MHz+20MHz

16QAM

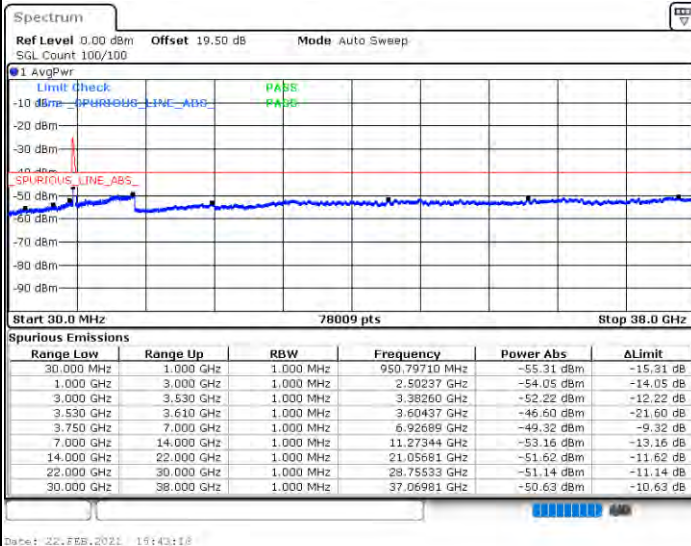
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Highest Channel / FullRB

N/A



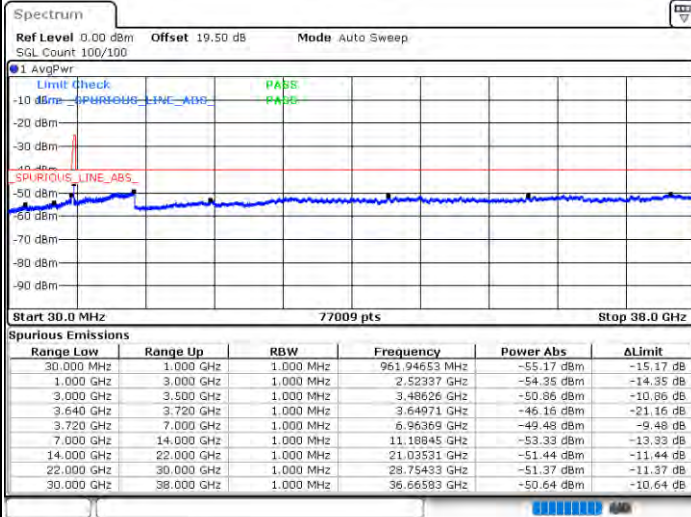


LTE Band 48C / 15MHz+20MHz

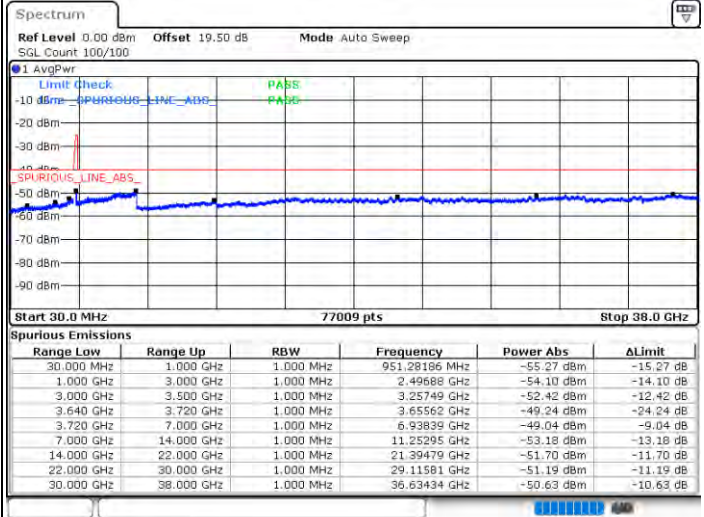
16QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



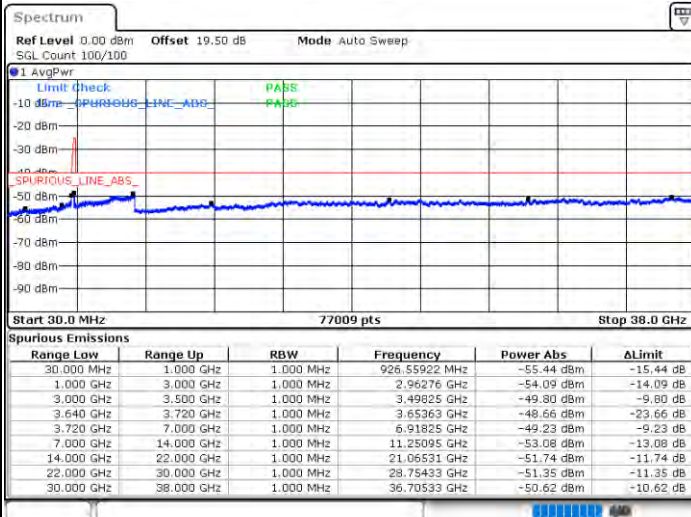
Date: 23.FEB.2021 10:03:01



Date: 23.FEB.2021 09:58:26

Lowest Channel / FullRB

N/A



Date: 23.FEB.2021 10:07:35

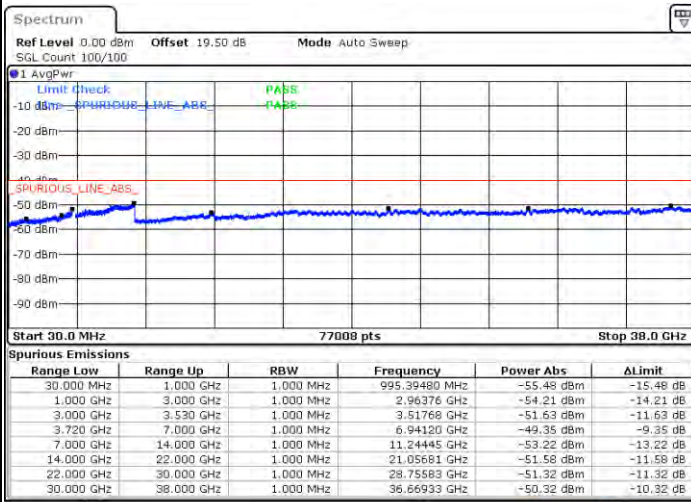


LTE Band 48C / 15MHz+20MHz

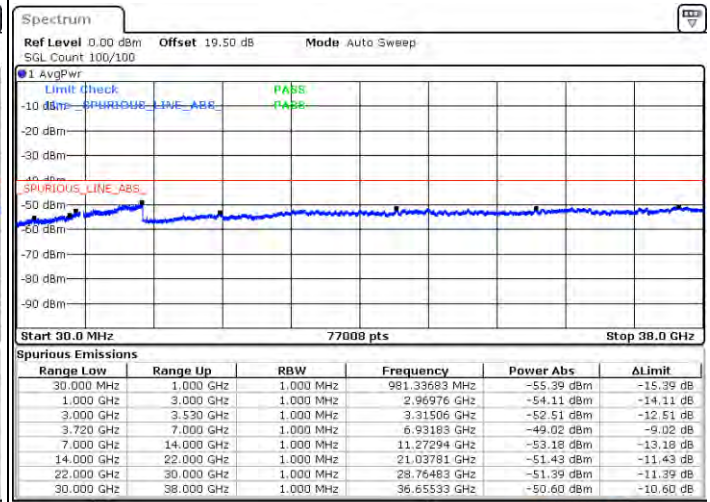
16QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



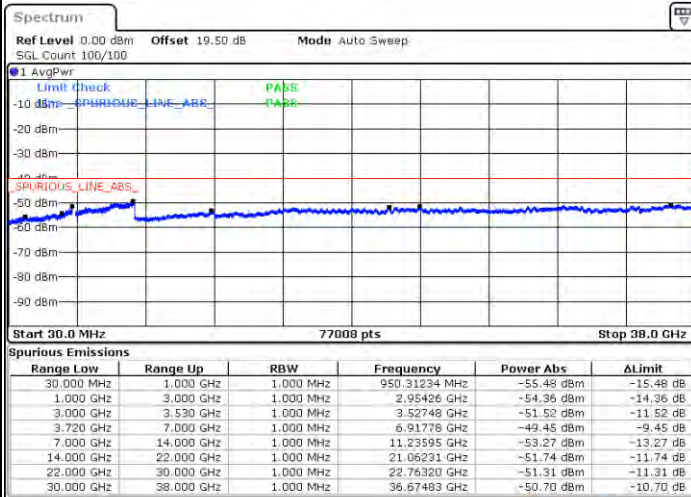
Date: 23.FEB.2021 10:37:51



Date: 23.FEB.2021 10:42:28

Middle Channel / FullIRB

N/A



Date: 23.FEB.2021 10:33:19

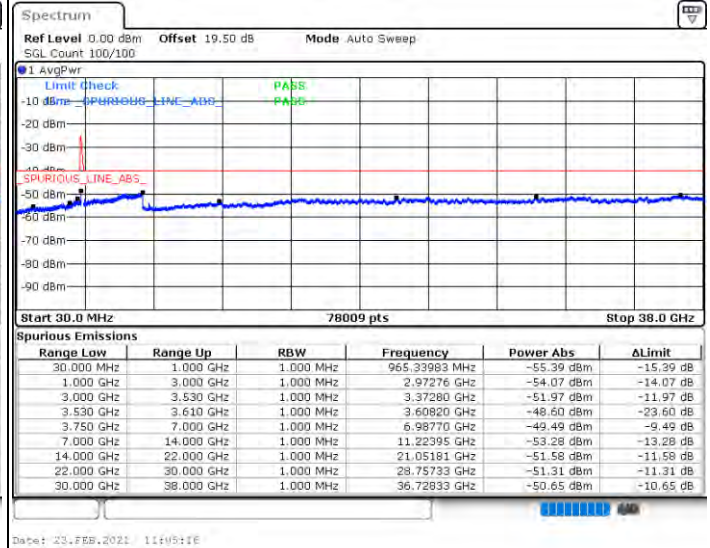
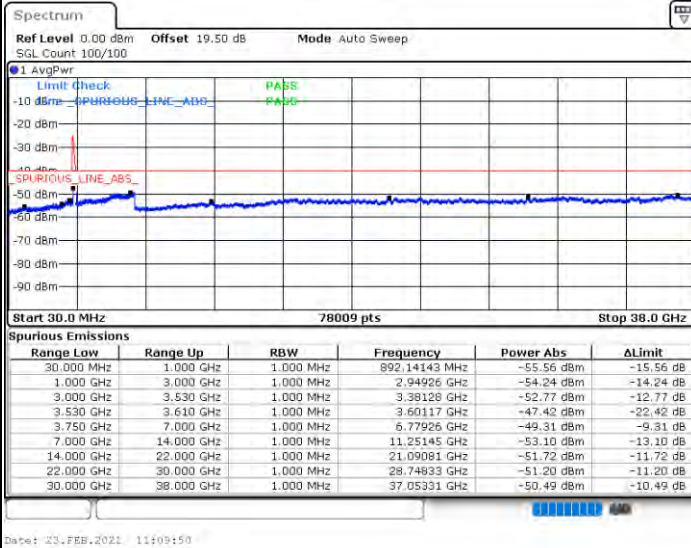


LTE Band 48C / 15MHz+20MHz

16QAM

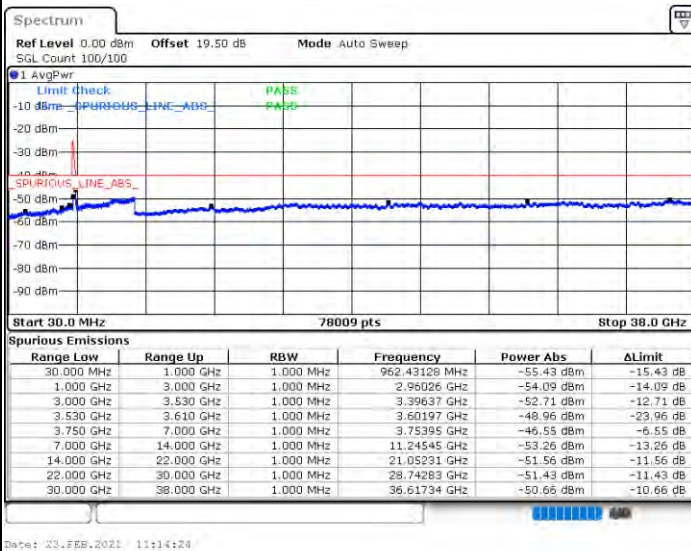
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Highest Channel / FullRB

N/A



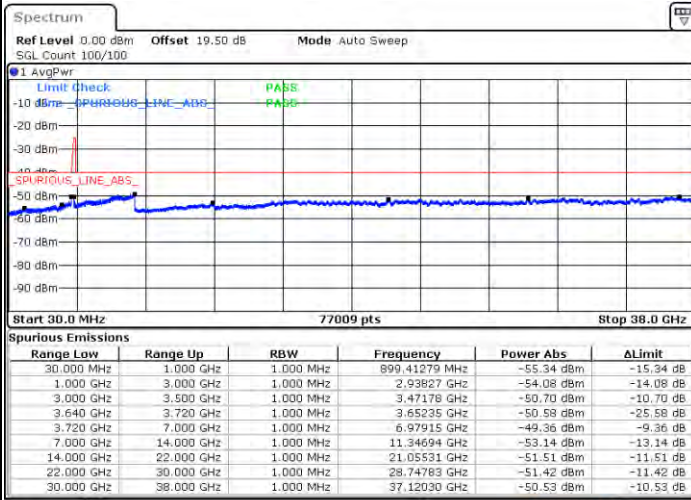


LTE Band 48C / 20MHz+5MHz

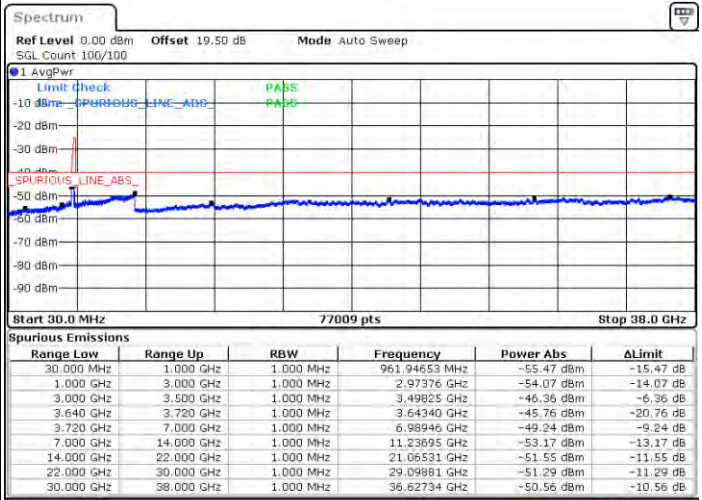
16QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



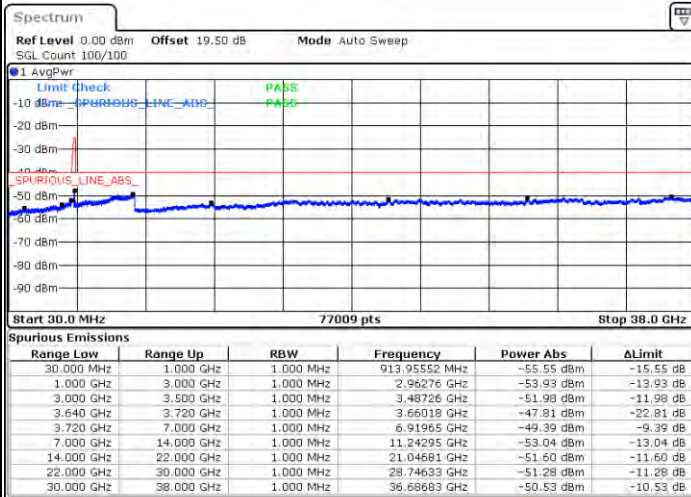
Date: 22.FEB.2021 12:24:25



Date: 22.FEB.2021 12:19:51

Lowest Channel / FullRB

N/A



Date: 22.FEB.2021 12:28:59

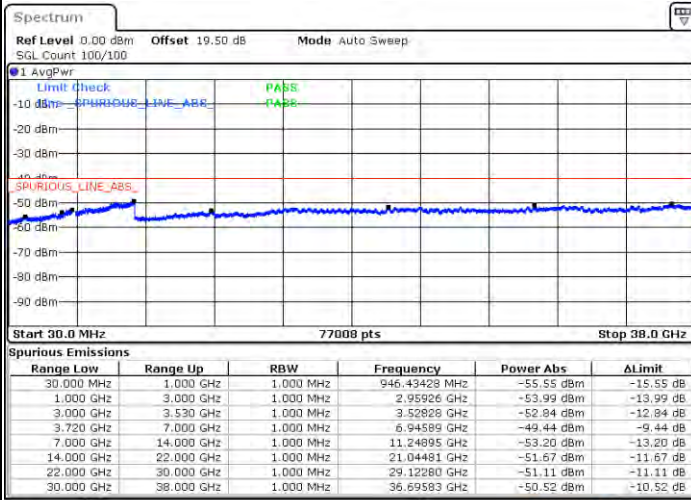


LTE Band 48C / 20MHz+5MHz

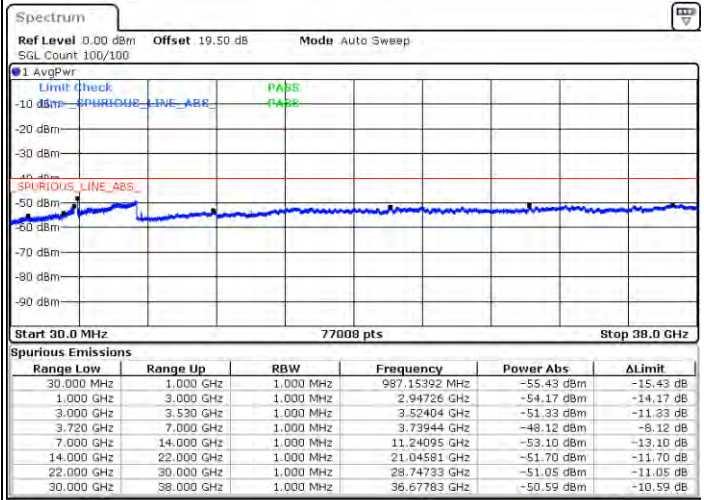
16QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



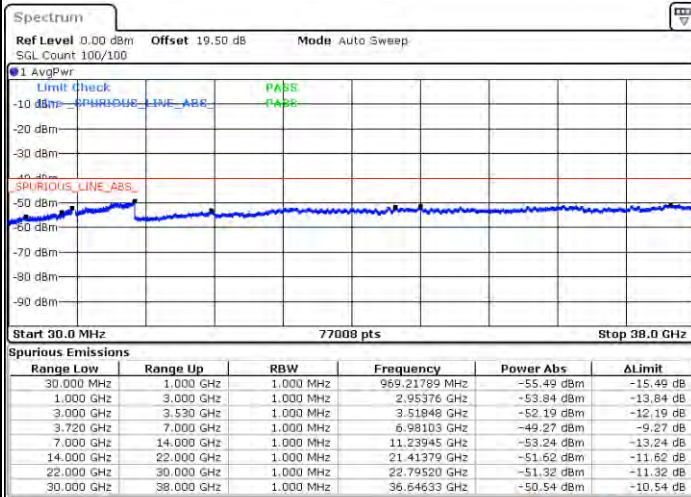
Date: 22.FEB.2021 12:56:18



Date: 22.FEB.2021 13:00:51

Middle Channel / FullRB

N/A



Date: 22.FEB.2021 12:51:44

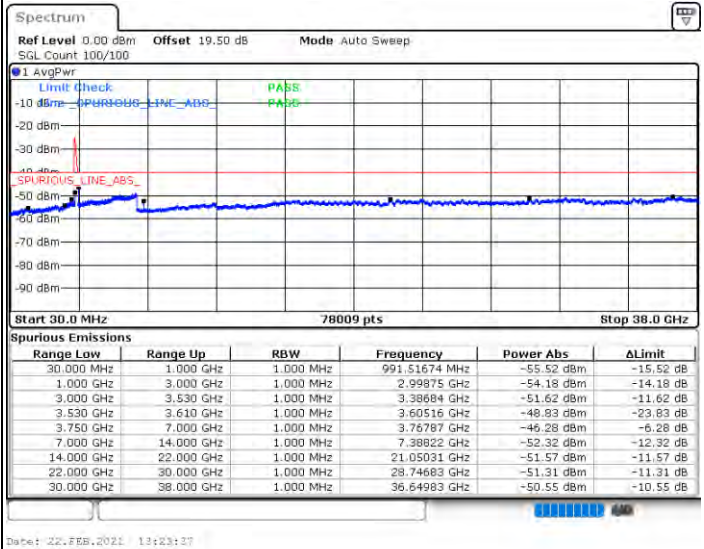
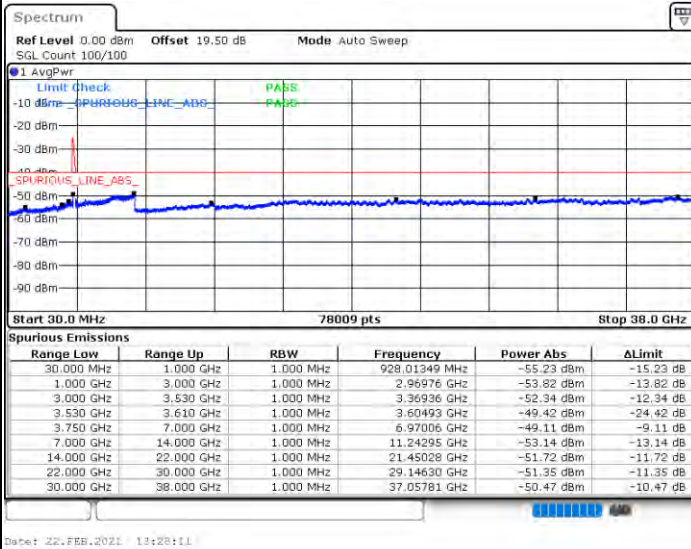


LTE Band 48C / 20MHz+5MHz

16QAM

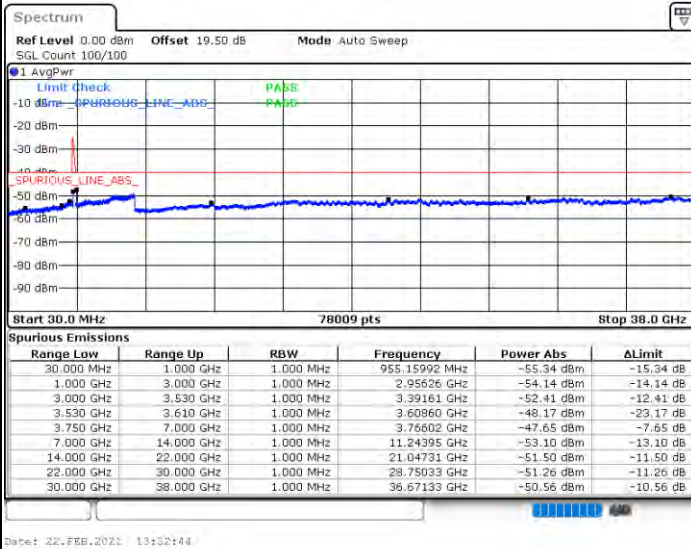
Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Highest Channel / FullRB

N/A



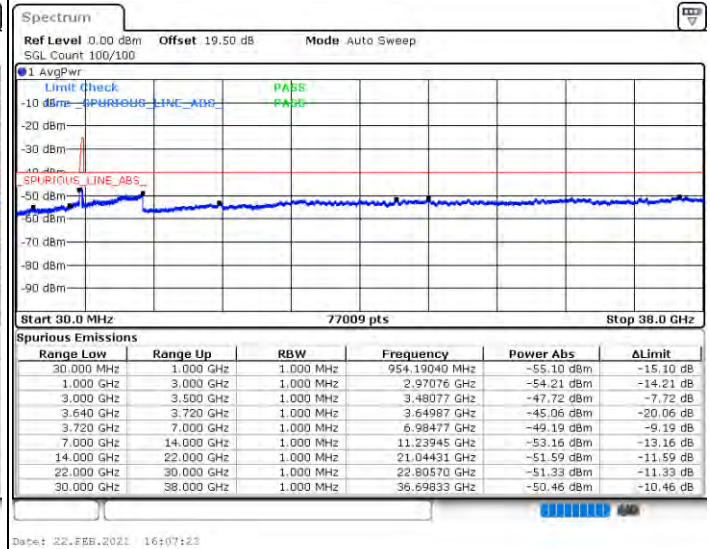
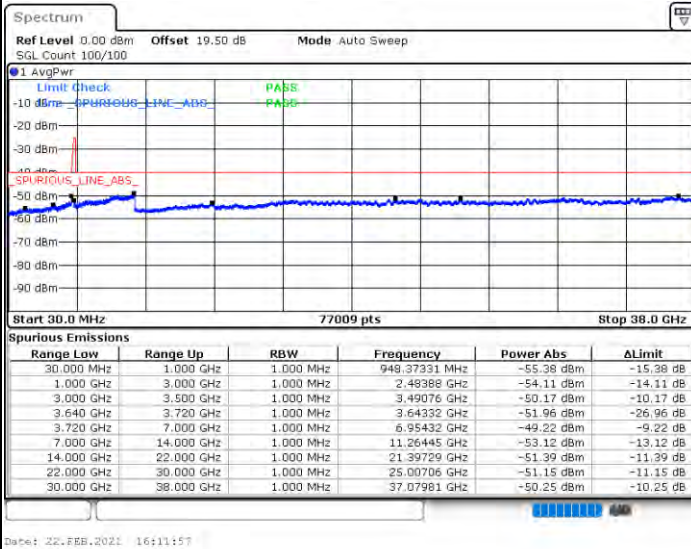


LTE Band 48C / 20MHz+10MHz

16QAM

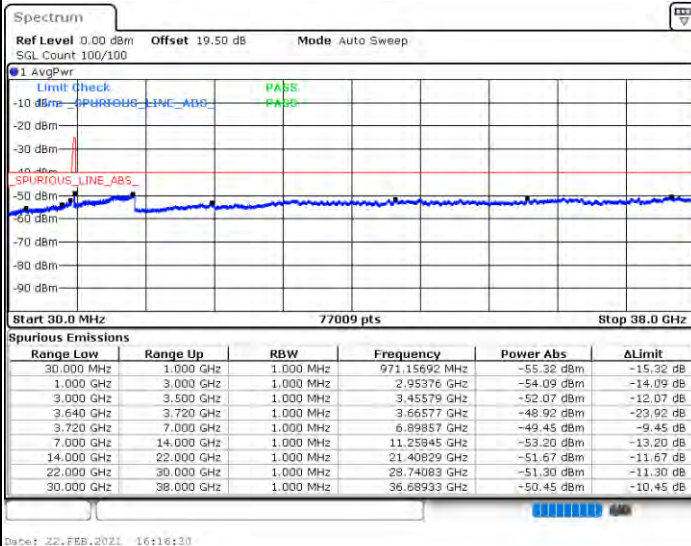
Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



Lowest Channel / FullRB

N/A



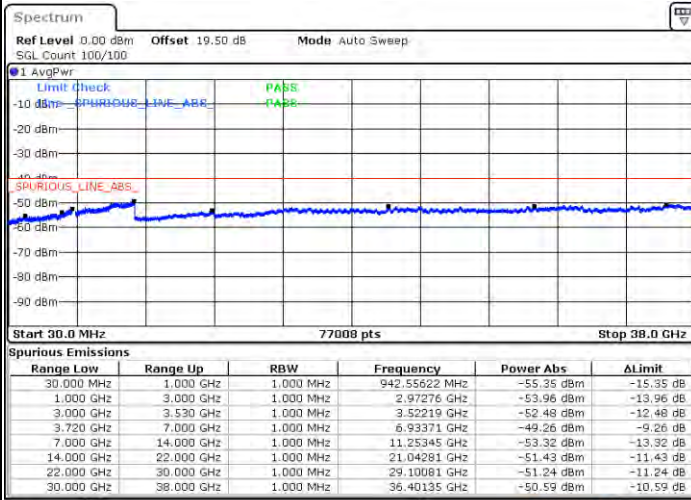


LTE Band 48C / 20MHz+10MHz

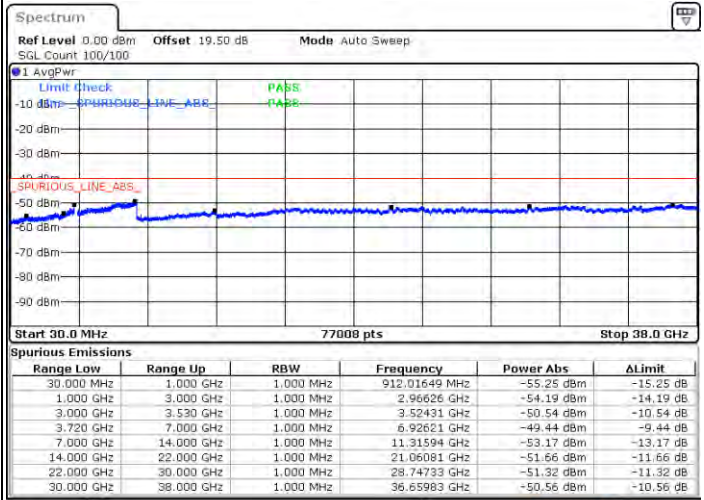
16QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



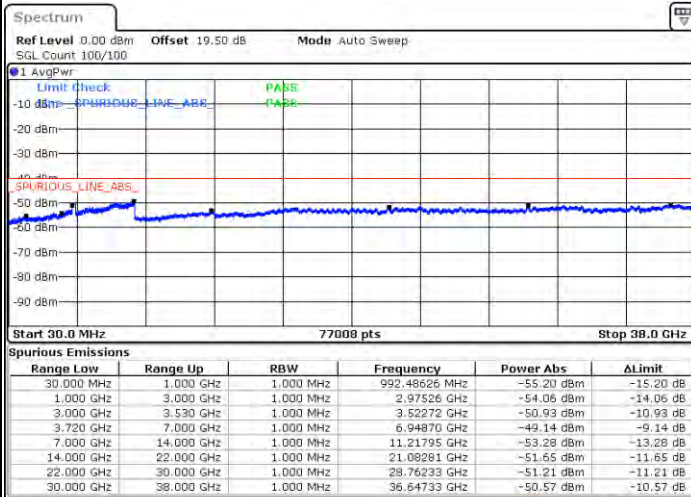
Date: 22.FEB.2021 16:44:05



Date: 22.FEB.2021 16:56:42

Middle Channel / FullRB

N/A



Date: 22.FEB.2021 16:39:31

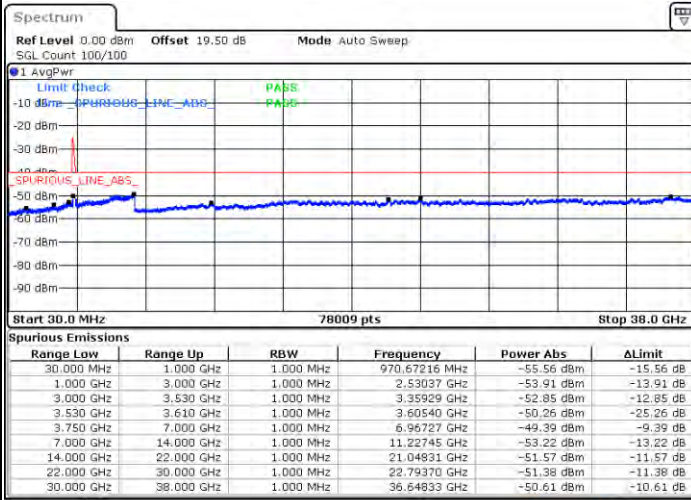


LTE Band 48C / 20MHz+10MHz

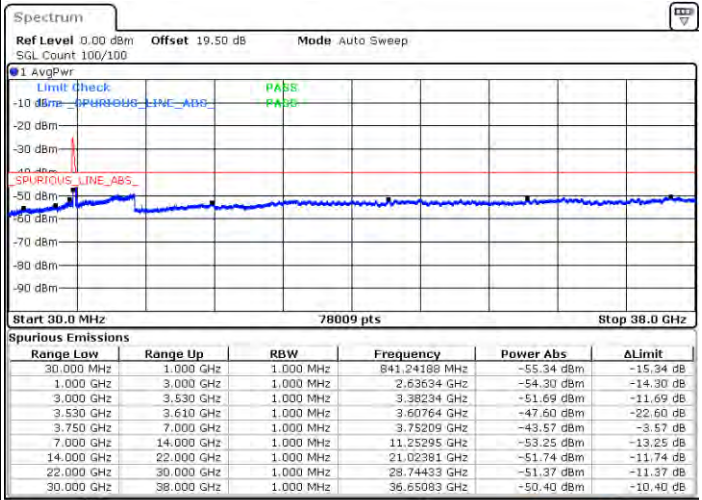
16QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



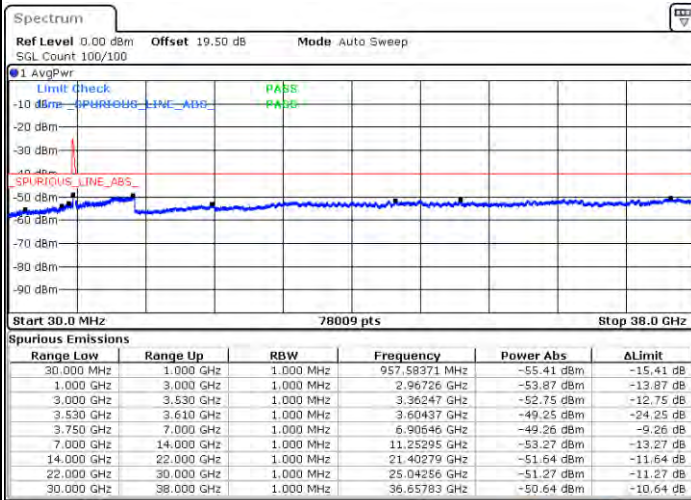
Date: 23.FEB.2021 14:22:02



Date: 23.FEB.2021 14:17:28

Highest Channel / FullRB

N/A



Date: 23.FEB.2021 14:26:36

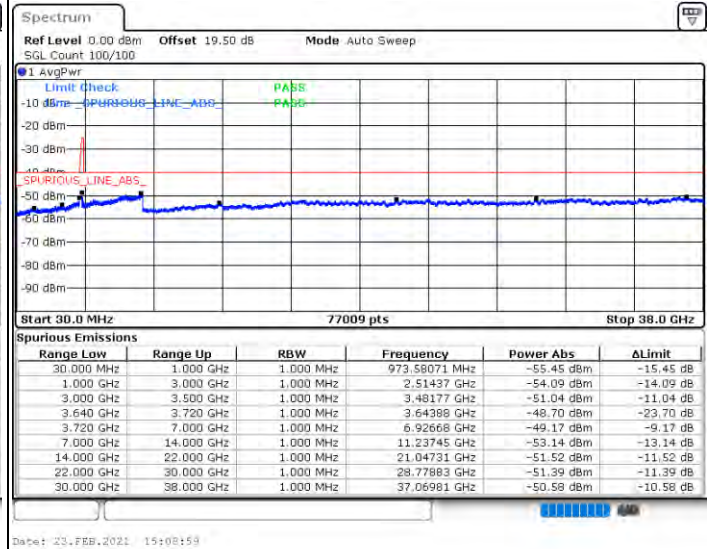
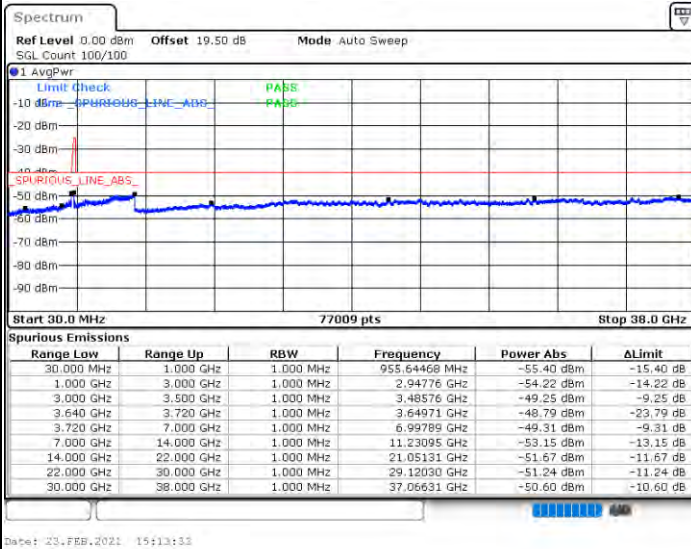


LTE Band 48C / 20MHz+15MHz

16QAM

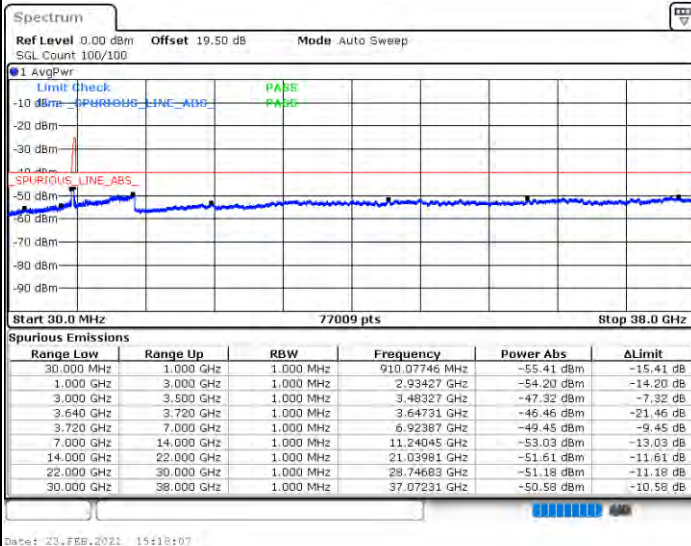
Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



Lowest Channel / FullIRB

N/A



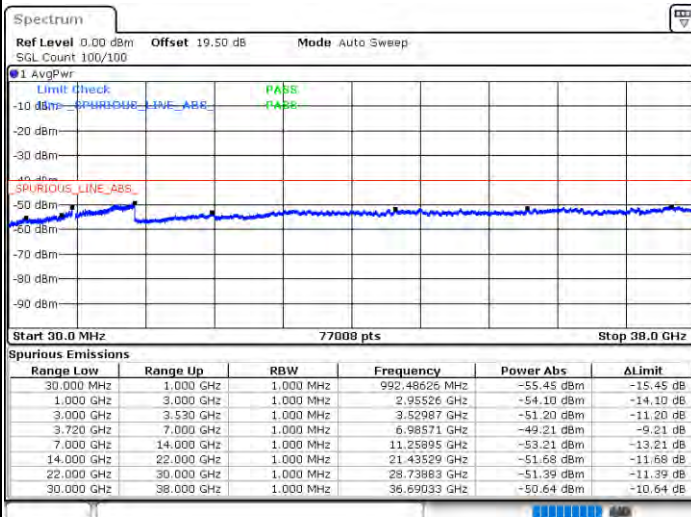


LTE Band 48C / 20MHz+15MHz

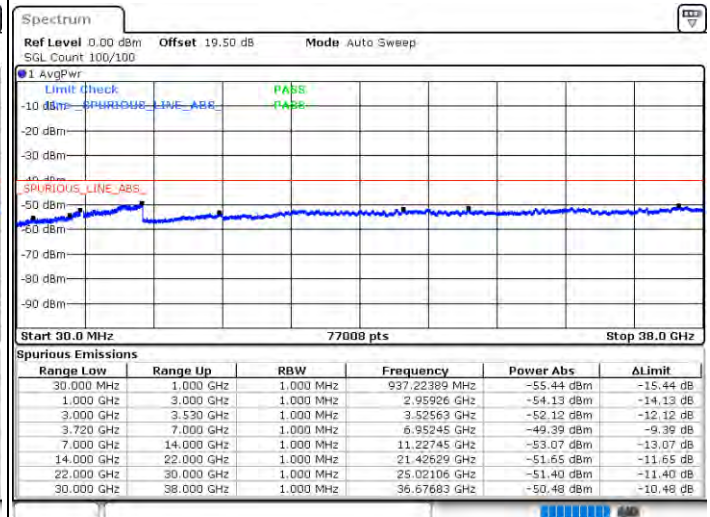
16QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



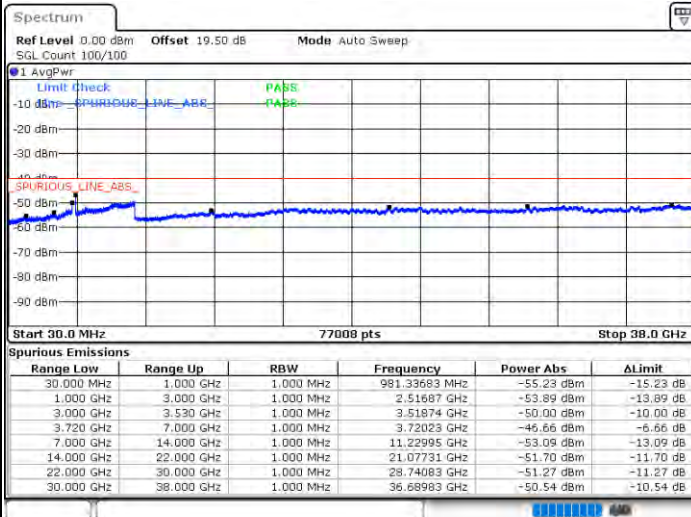
Date: 23.FEB.2021 15:27:15



Date: 23.FEB.2021 15:31:49

Middle Channel / FullIRB

N/A



Date: 23.FEB.2021 15:22:41

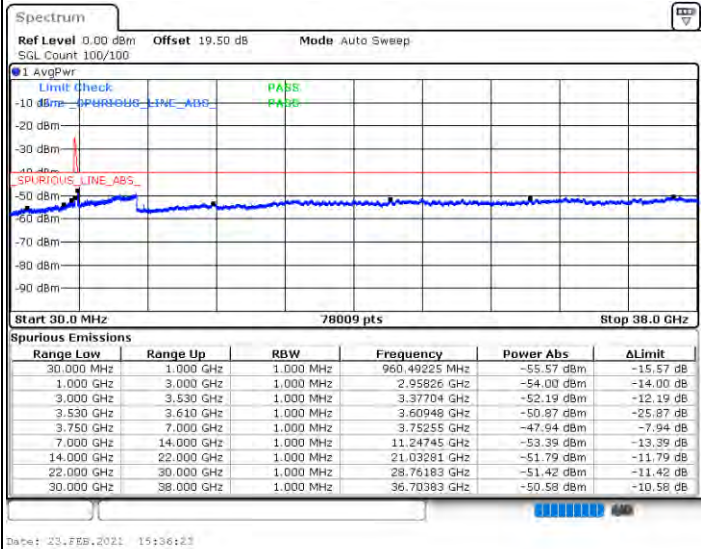
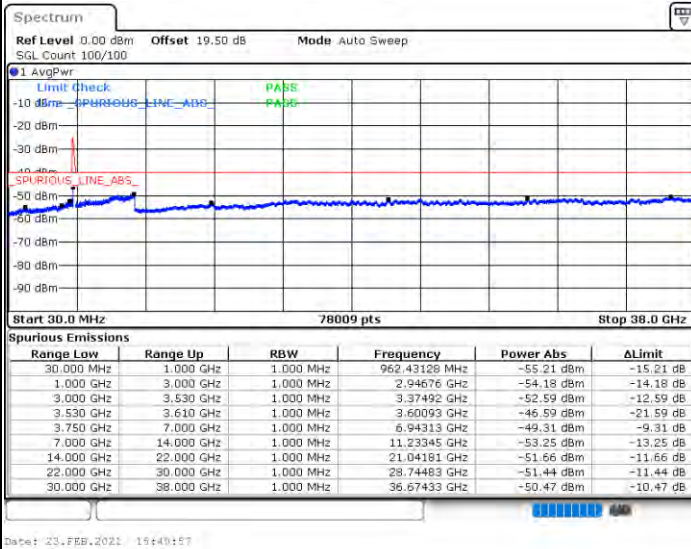


LTE Band 48C / 20MHz+15MHz

16QAM

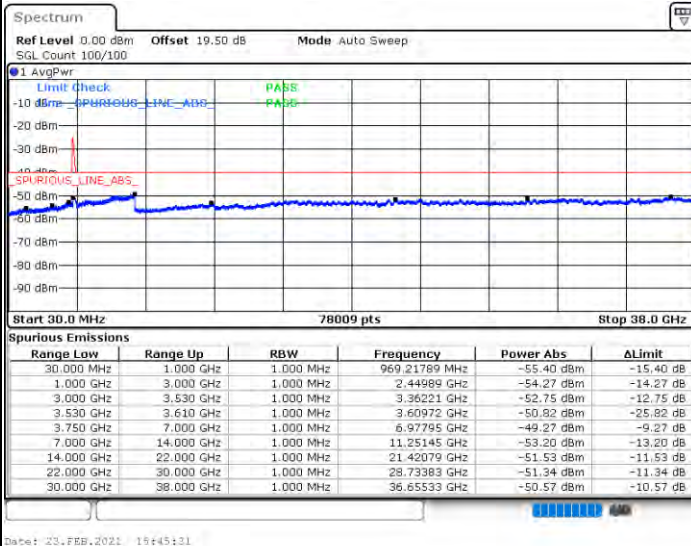
Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Highest Channel / FullRB

N/A



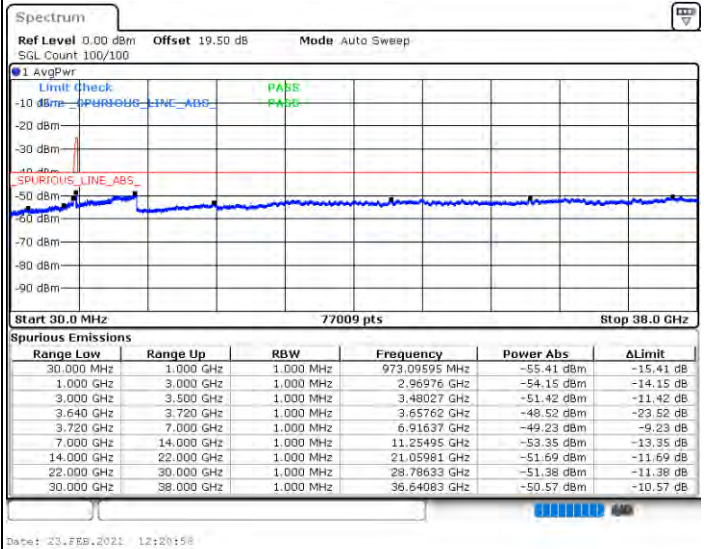
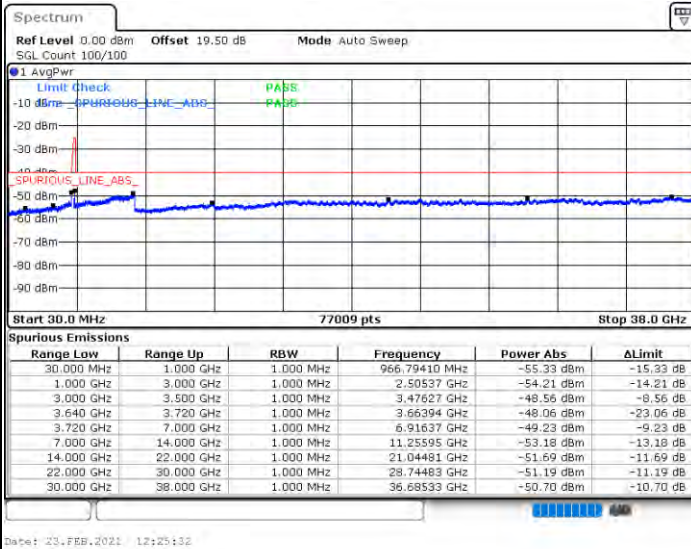


LTE Band 48C / 20MHz+20MHz

16QAM

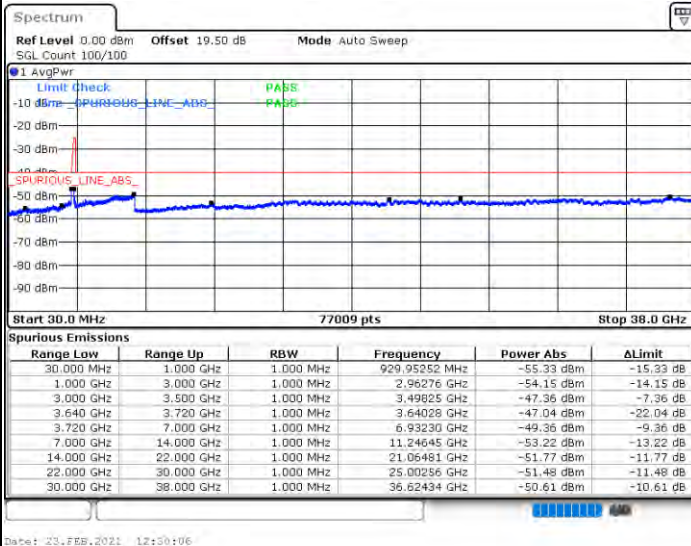
Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



Lowest Channel / FullIRB

N/A



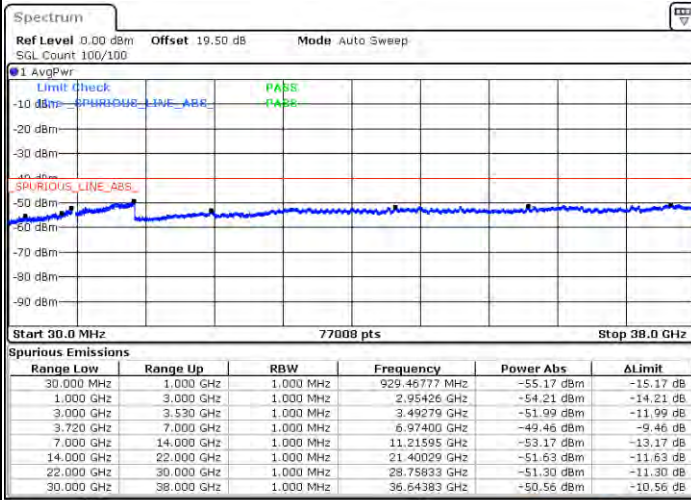


LTE Band 48C / 20MHz+20MHz

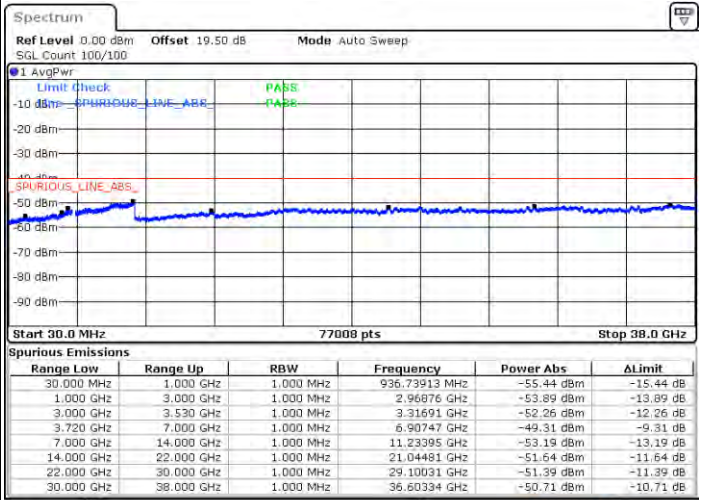
16QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



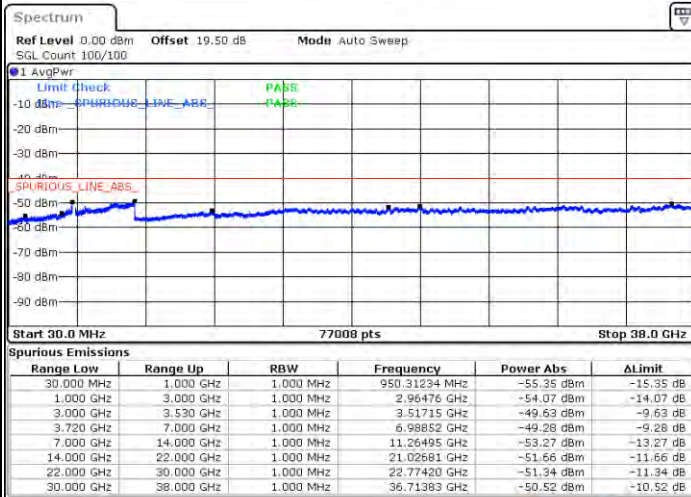
Date: 23.FEB.2021 13:00:23



Date: 23.FEB.2021 13:04:56

Middle Channel / FullRB

N/A



Date: 23.FEB.2021 12:55:49

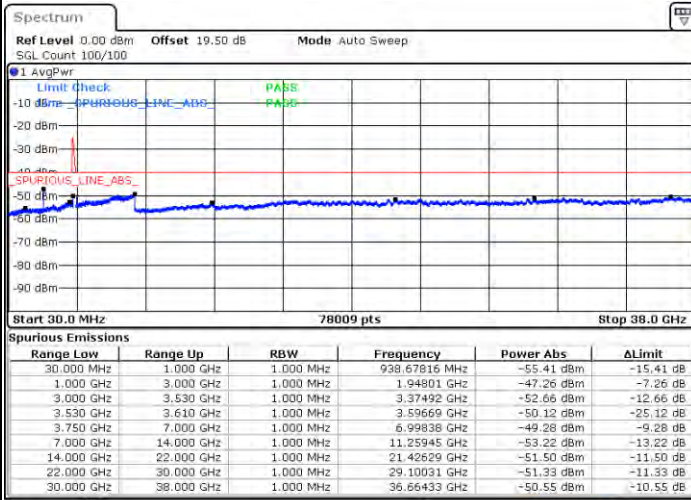


LTE Band 48C / 20MHz+20MHz

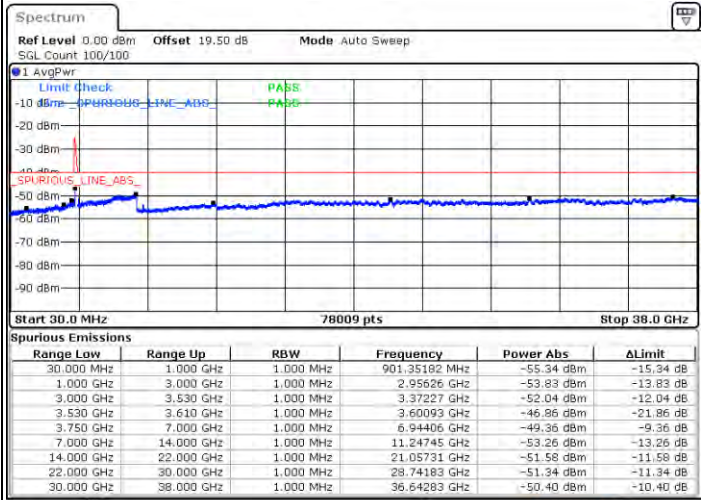
16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



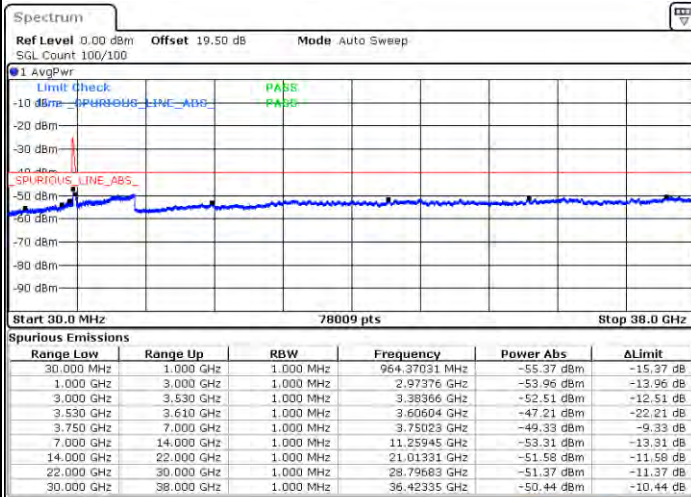
Date: 23.FEB.2021 13:52:18



Date: 23.FEB.2021 13:27:45

Highest Channel / FullIRB

N/A



Date: 23.FEB.2021 13:36:51

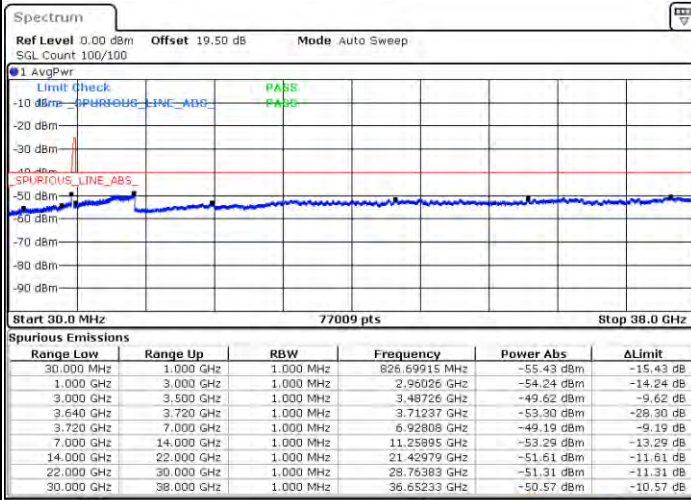


LTE Band 48C / 5MHz+20MHz

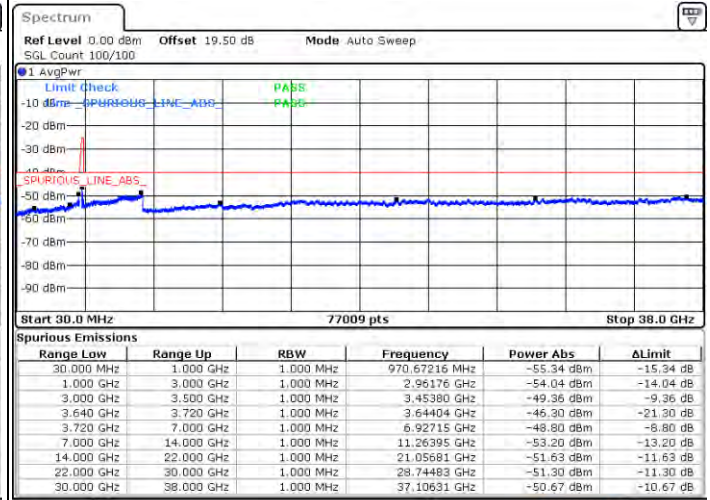
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



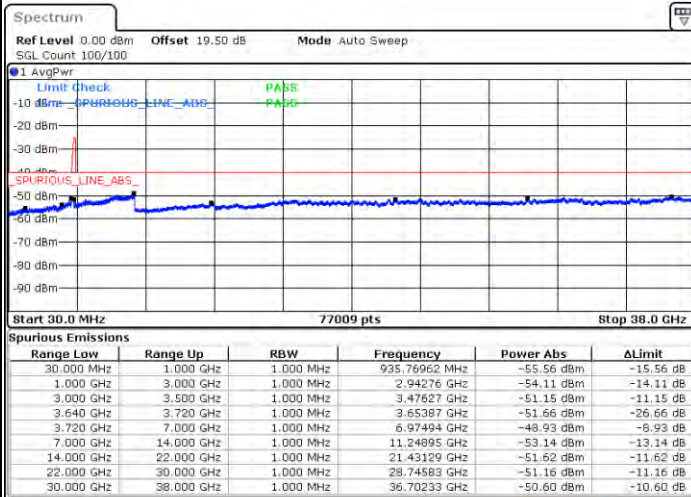
Date: 22.FEB.2021 10:20:52



Date: 22.FEB.2021 10:13:15

Lowest Channel / FullRB

N/A



Date: 22.FEB.2021 10:22:23

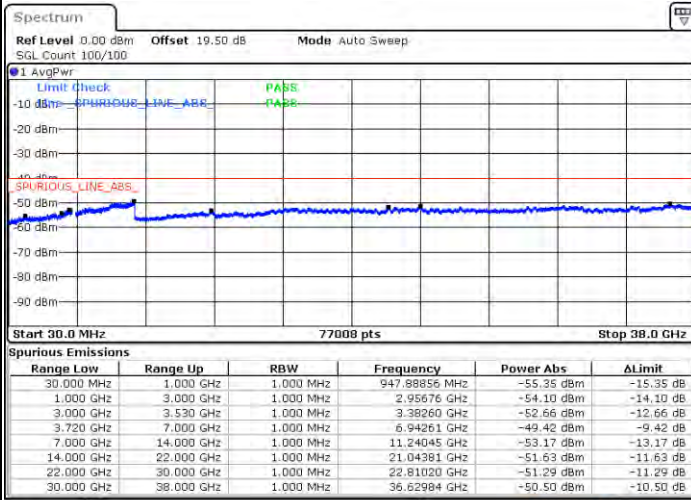


LTE Band 48C / 5MHz+20MHz

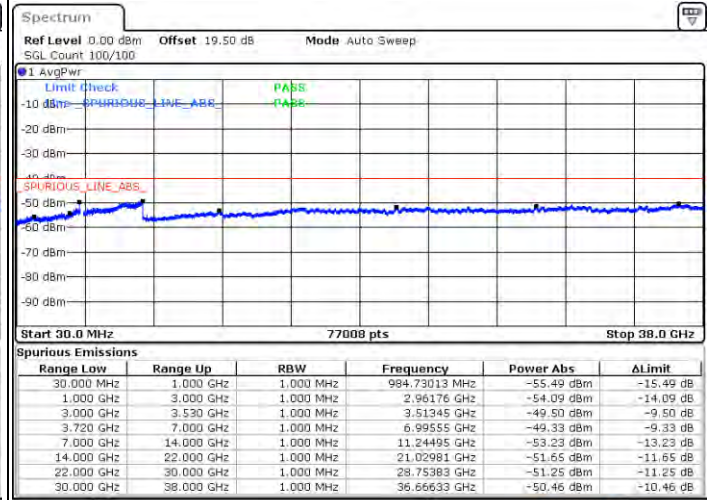
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



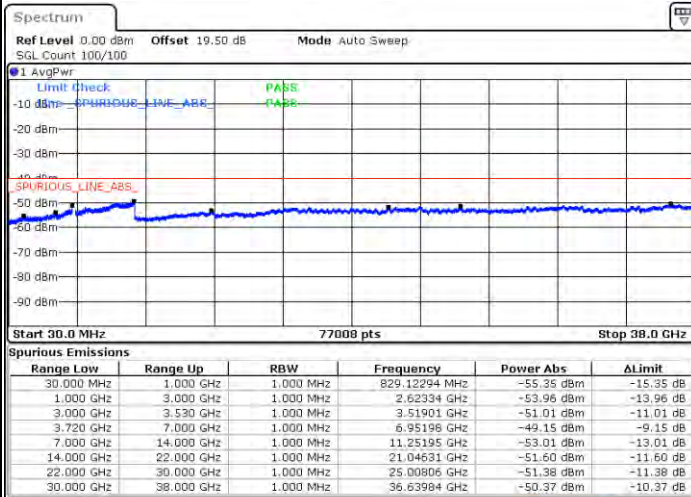
Date: 22.FEB.2021 10:49:42



Date: 22.FEB.2021 10:57:13

Middle Channel / FullRB

N/A



Date: 22.FEB.2021 10:48:12

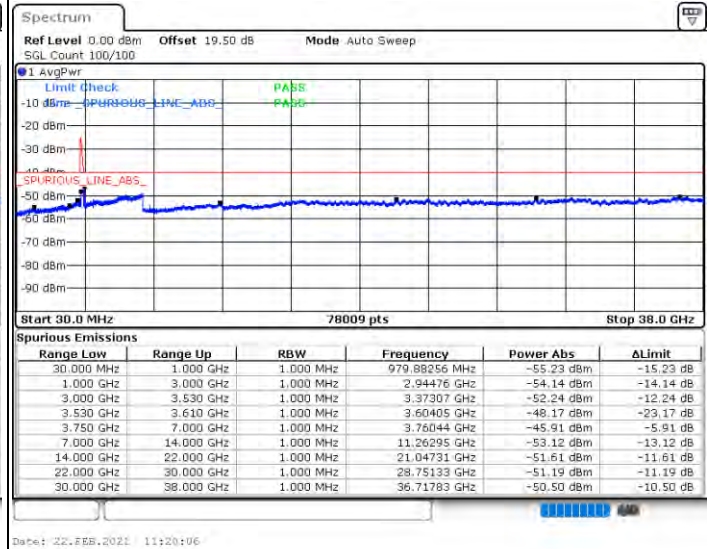
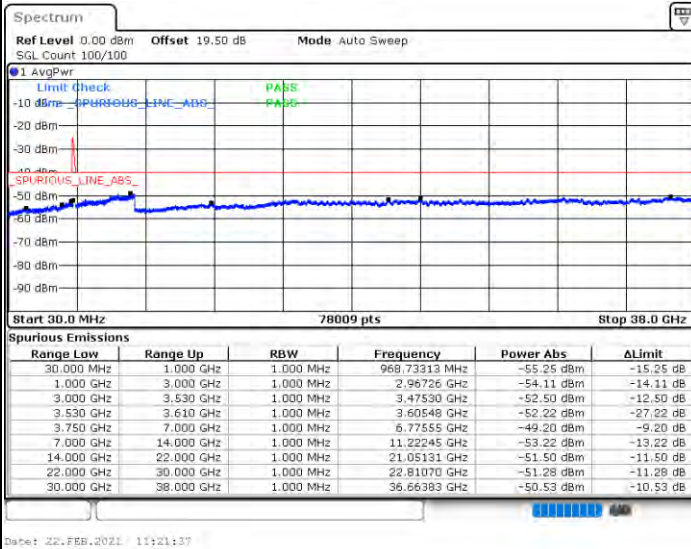


LTE Band 48C / 5MHz+20MHz

64QAM

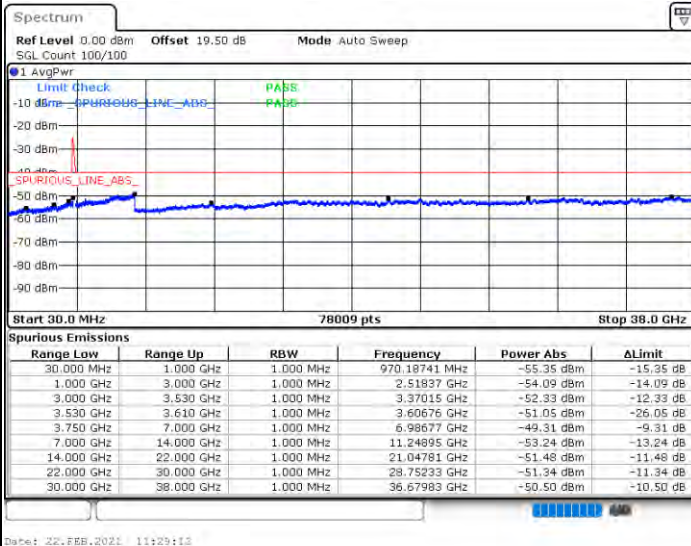
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Highest Channel / FullRB

N/A



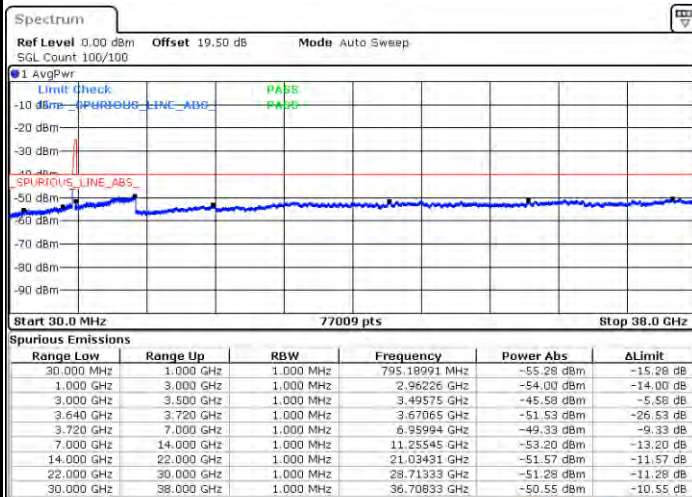


LTE Band 48C / 10MHz+20MHz

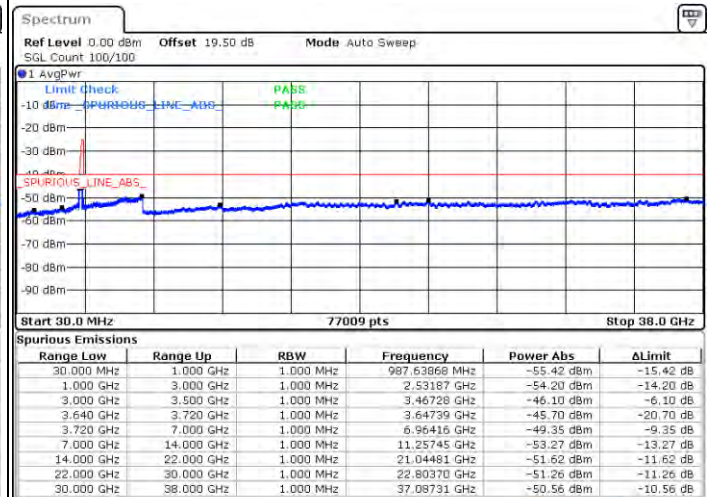
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



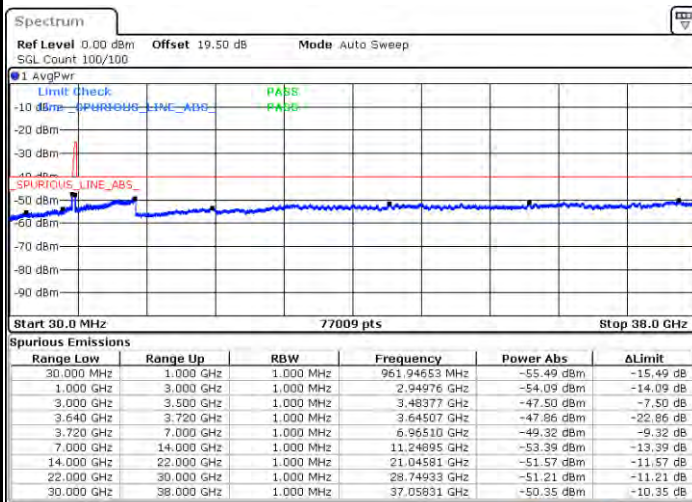
Date: 22.FEB.2021 15:12:51



Date: 22.FEB.2021 15:05:16

Lowest Channel / FullIRB

N/A



Date: 22.FEB.2021 15:14:28

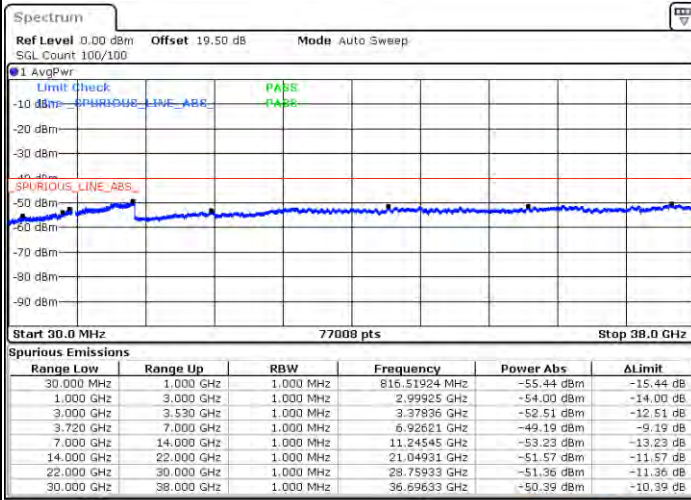


LTE Band 48C / 10MHz+20MHz

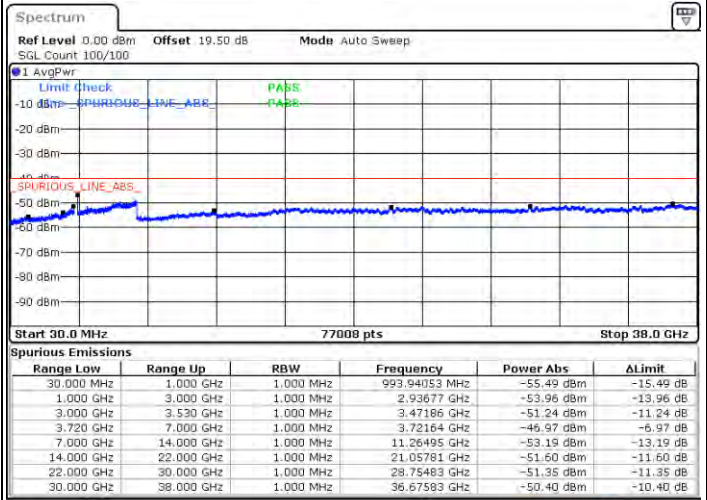
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



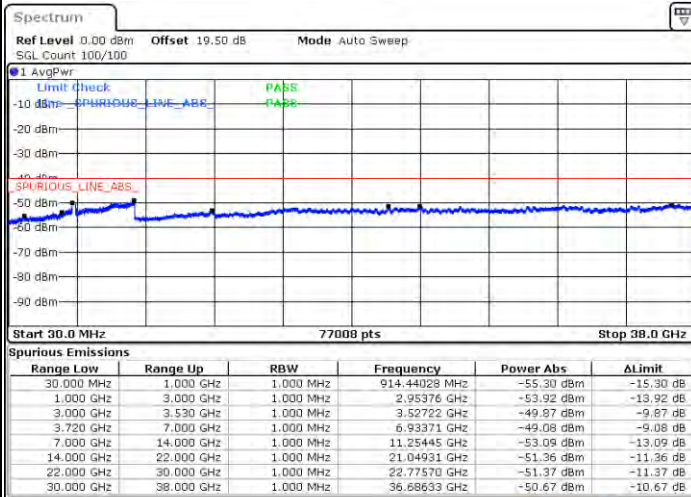
Date: 22.FEB.2021 15:23:32



Date: 22.FEB.2021 15:31:08

Middle Channel / FullRB

N/A



Date: 22.FEB.2021 15:22:00

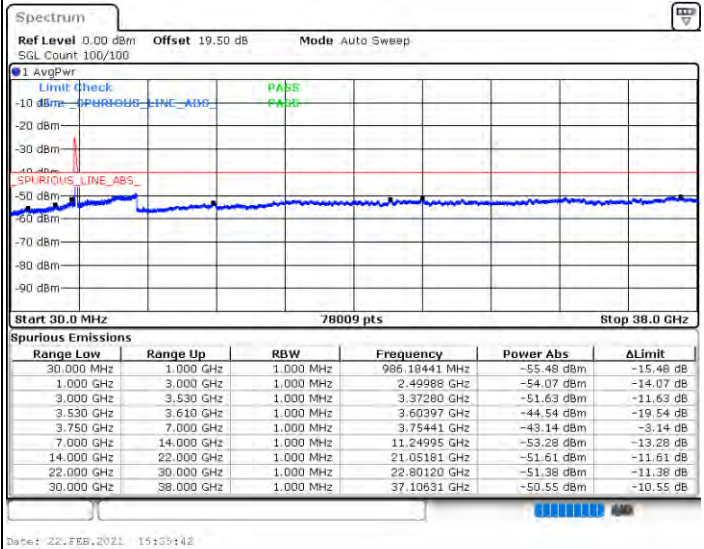
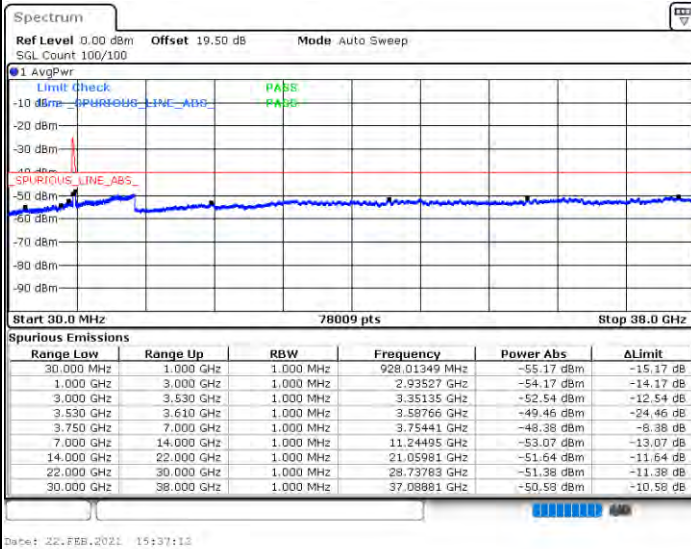


LTE Band 48C / 10MHz+20MHz

64QAM

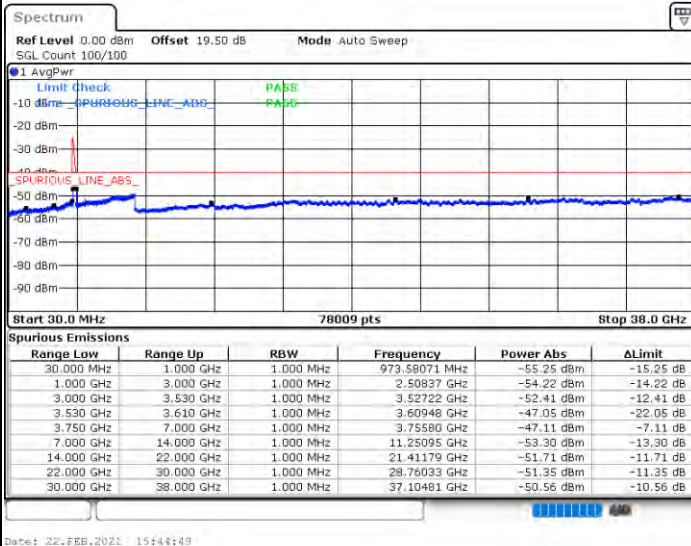
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Highest Channel / FullRB

N/A



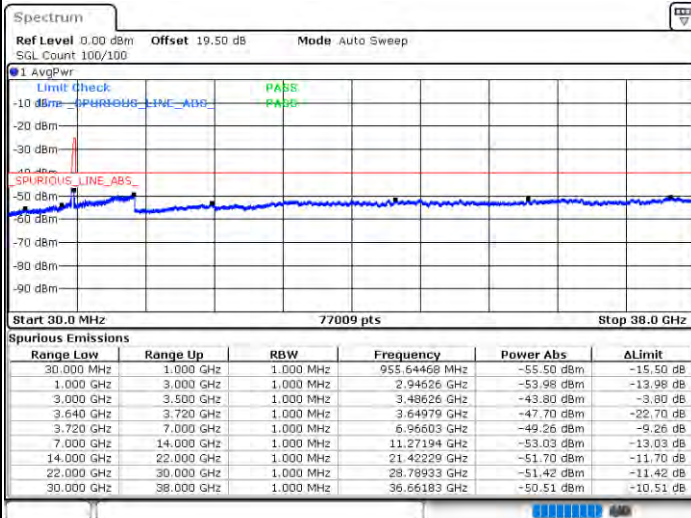


LTE Band 48C / 15MHz+20MHz

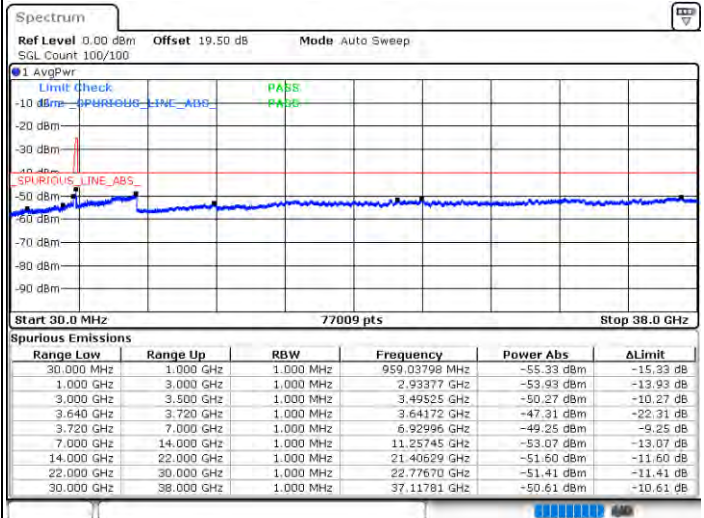
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



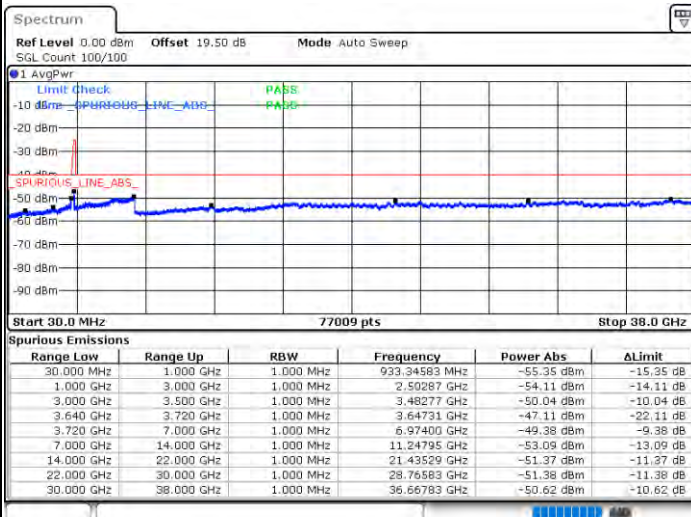
Date: 23.FEB.2021 10:04:32



Date: 23.FEB.2021 09:56:59

Lowest Channel / FullRB

N/A



Date: 23.FEB.2021 10:06:04

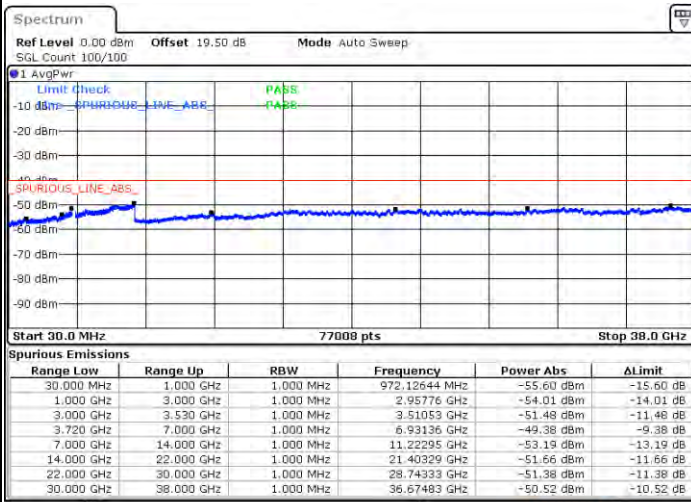


LTE Band 48C / 15MHz+20MHz

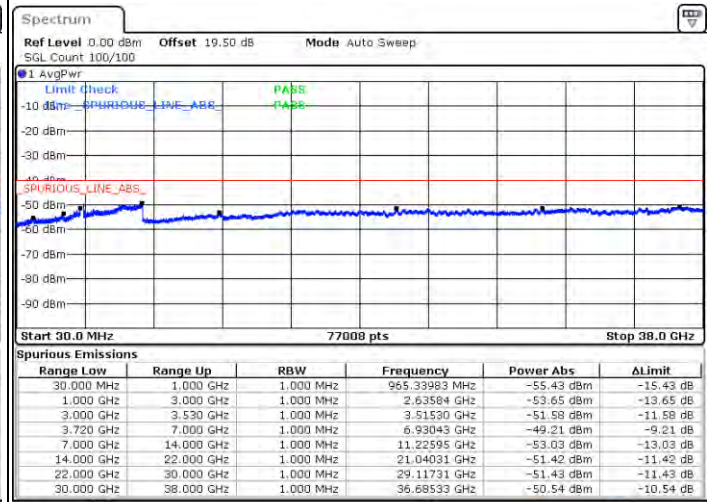
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



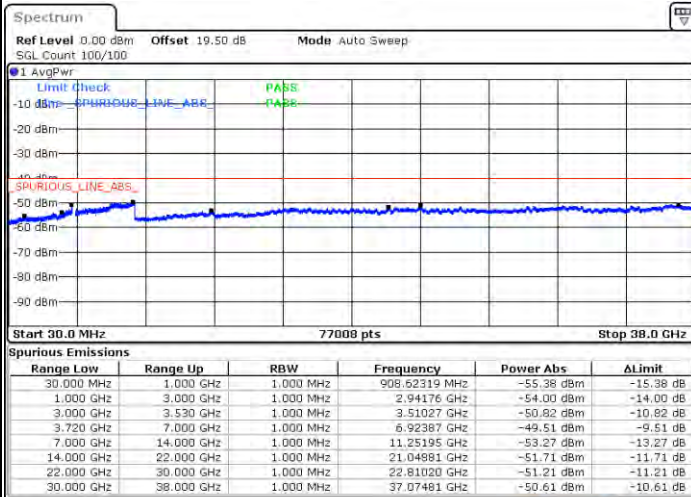
Date: 23.FEB.2021 10:36:22



Date: 23.FEB.2021 10:43:59

Middle Channel / FullRB

N/A



Date: 23.FEB.2021 10:34:51

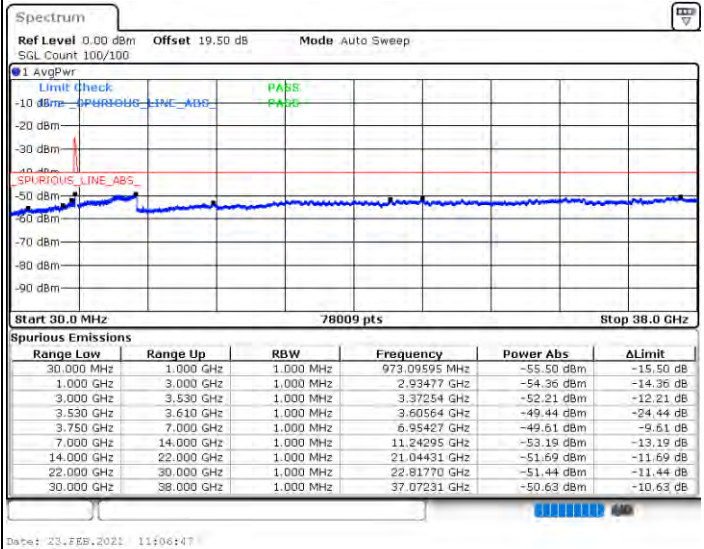
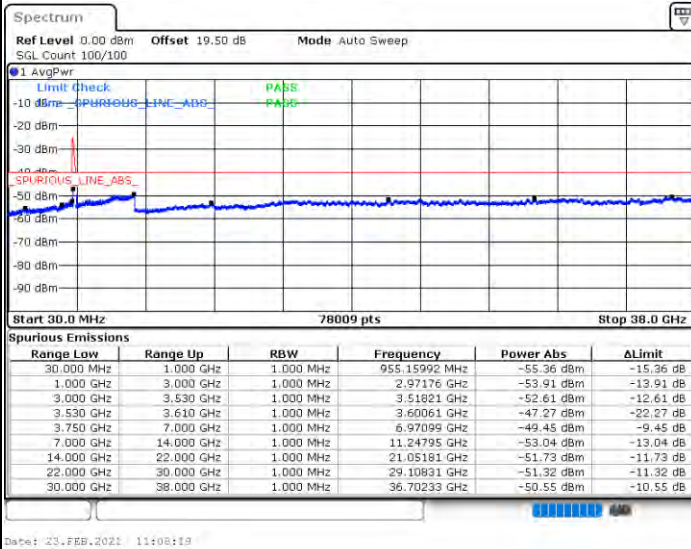


LTE Band 48C / 15MHz+20MHz

64QAM

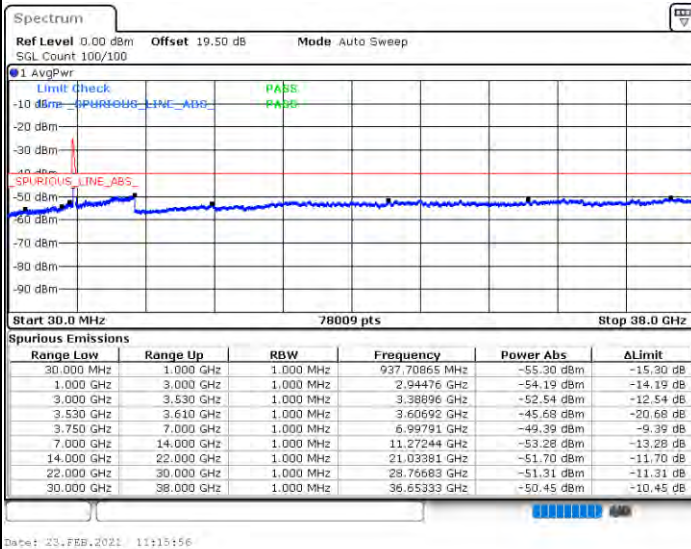
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Highest Channel / FullIRB

N/A



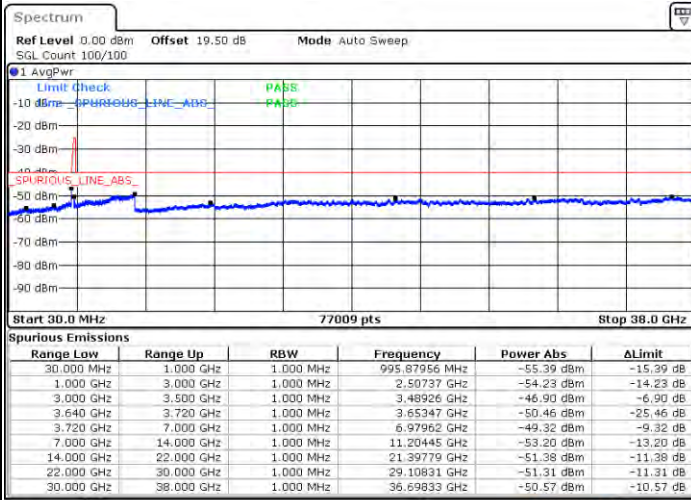


LTE Band 48C / 20MHz+5MHz

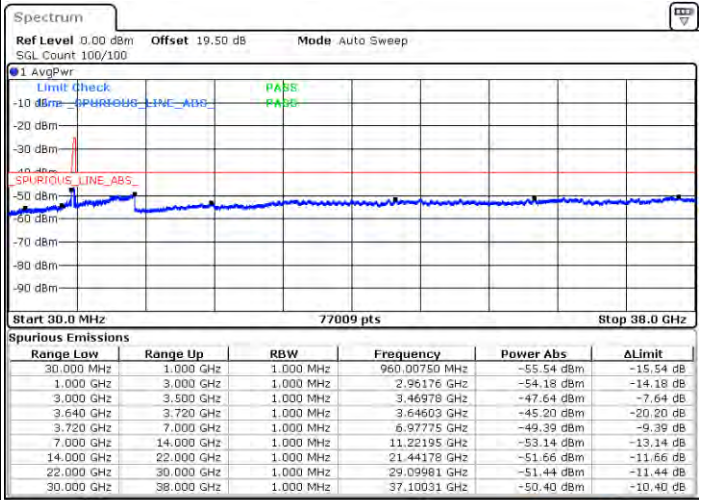
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



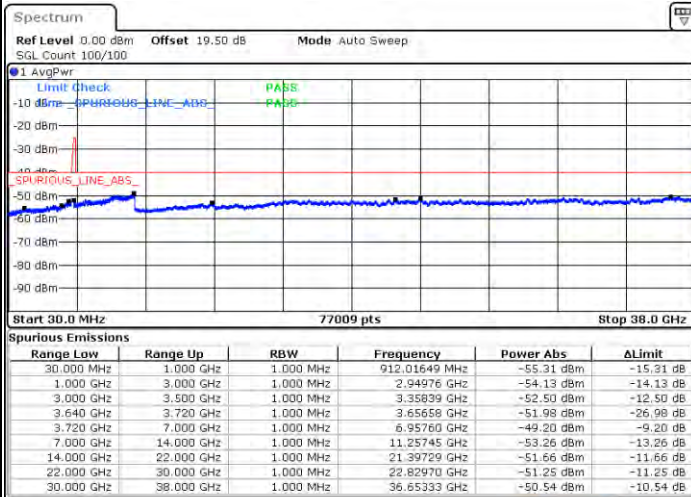
Date: 22.FEB.2021 12:25:56



Date: 22.FEB.2021 12:18:20

Lowest Channel / FullIRB

N/A



Date: 22.FEB.2021 12:27:27

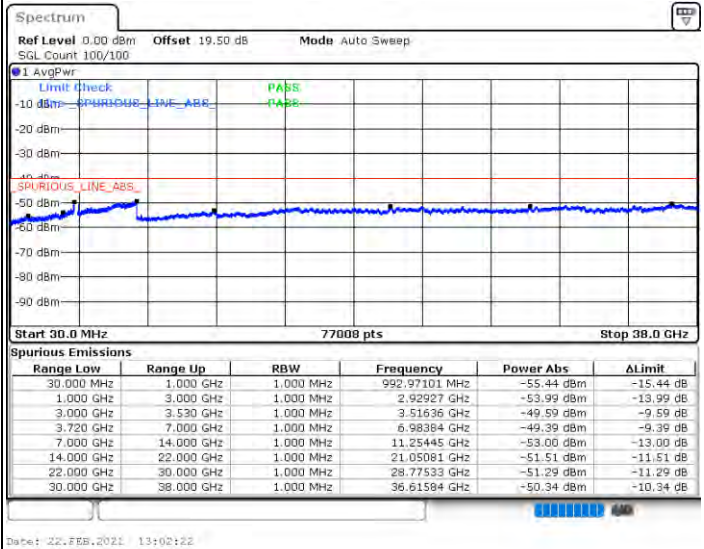
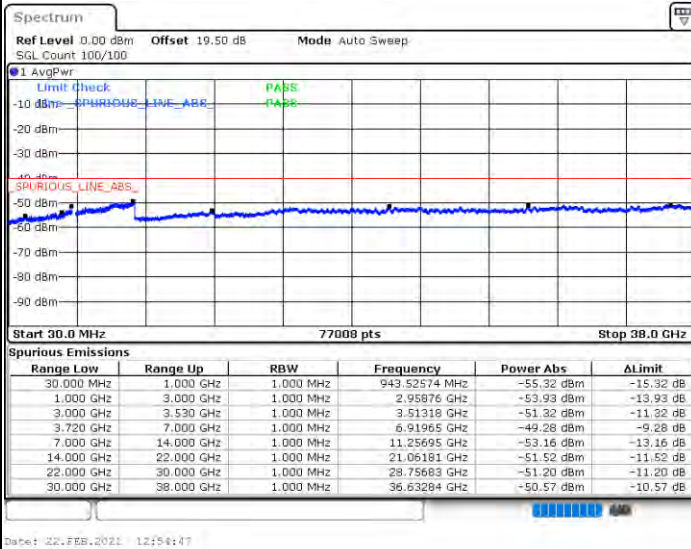


LTE Band 48C / 20MHz+5MHz

64QAM

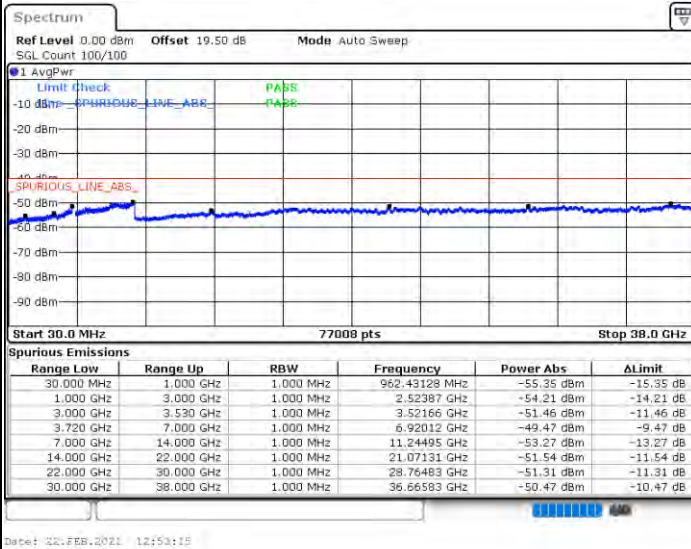
Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Middle Channel / FullIRB

N/A



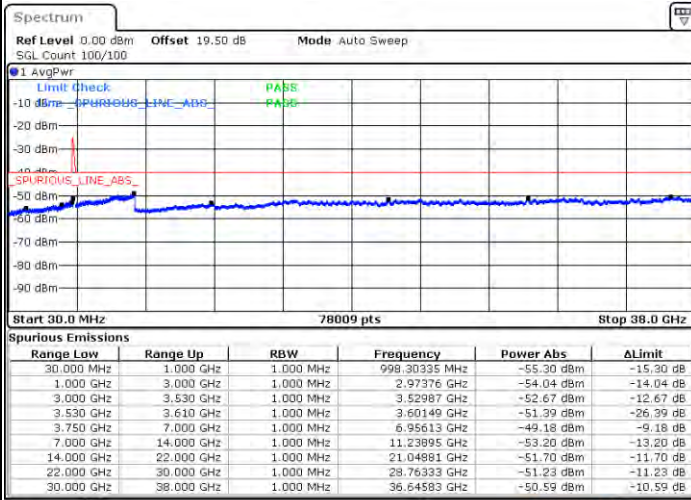


LTE Band 48C / 20MHz+5MHz

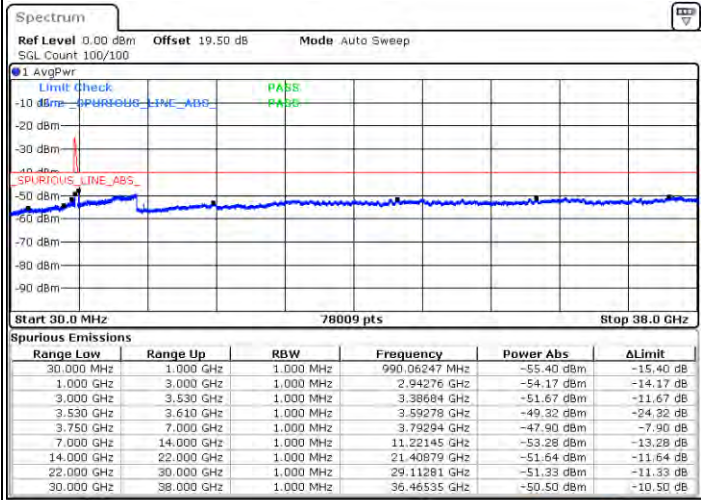
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



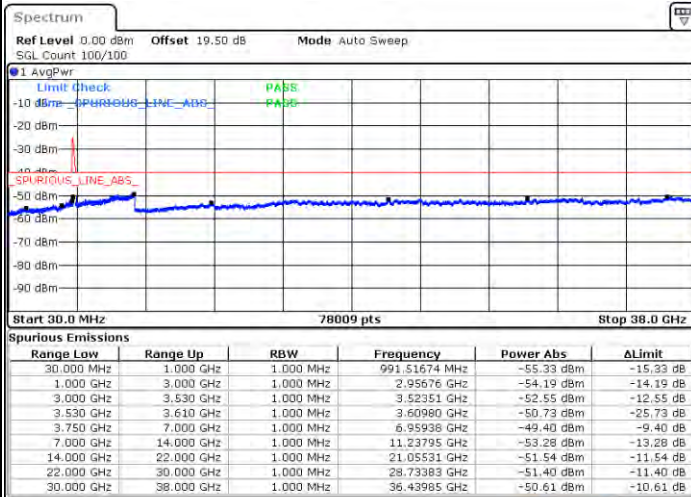
Date: 22.FEB.2021 13:26:39



Date: 22.FEB.2021 13:25:08

Highest Channel / FullRB

N/A



Date: 22.FEB.2021 13:34:16

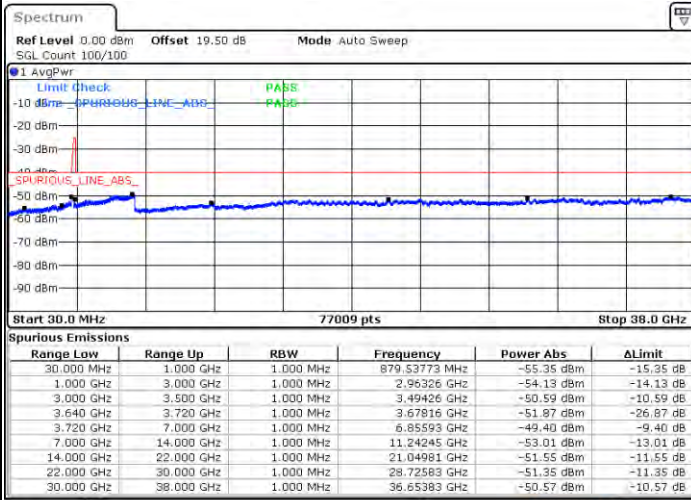


LTE Band 48C / 20MHz+10MHz

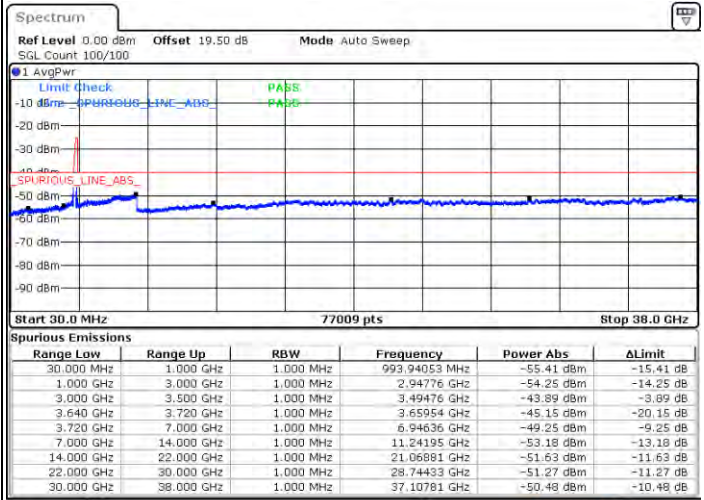
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



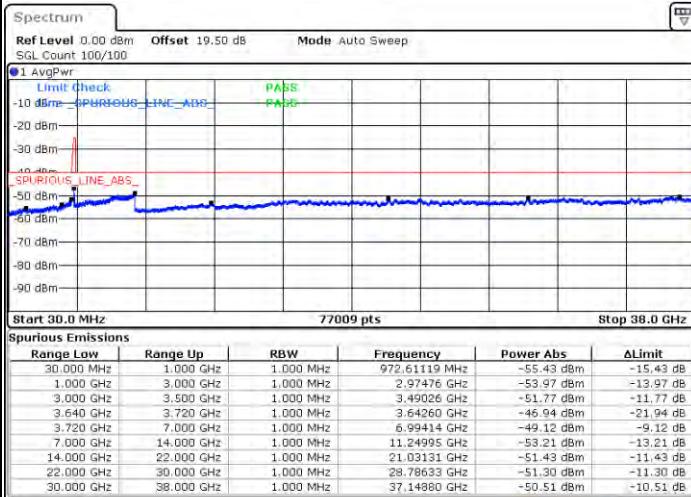
Date: 22.FEB.2021 16:13:28



Date: 22.FEB.2021 16:05:52

Lowest Channel / FullRB

N/A



Date: 22.FEB.2021 16:14:59

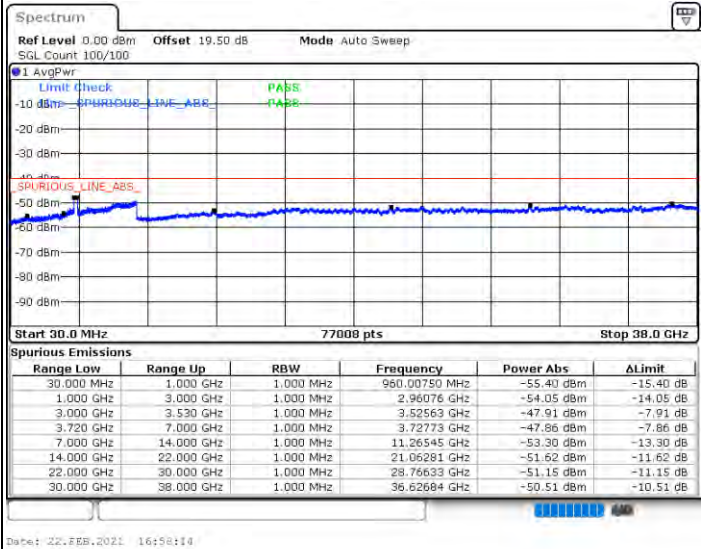
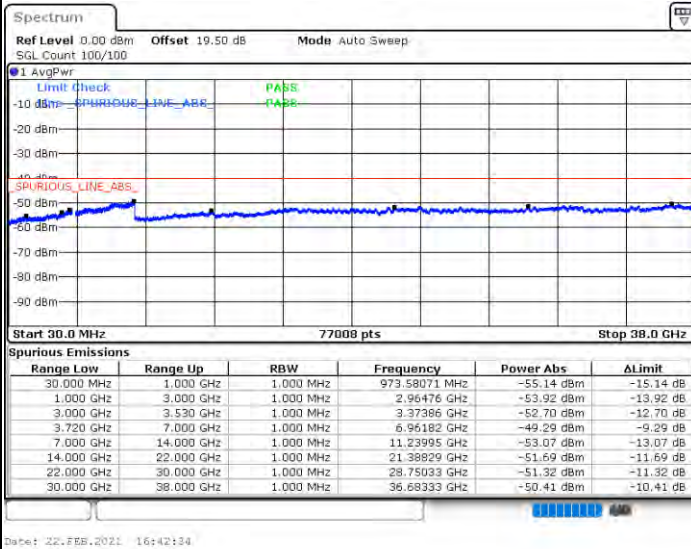


LTE Band 48C / 20MHz+10MHz

64QAM

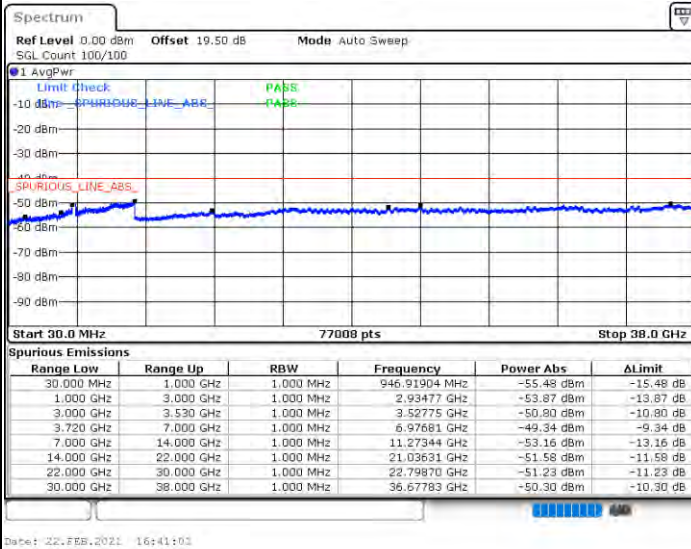
Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Middle Channel / FullIRB

N/A



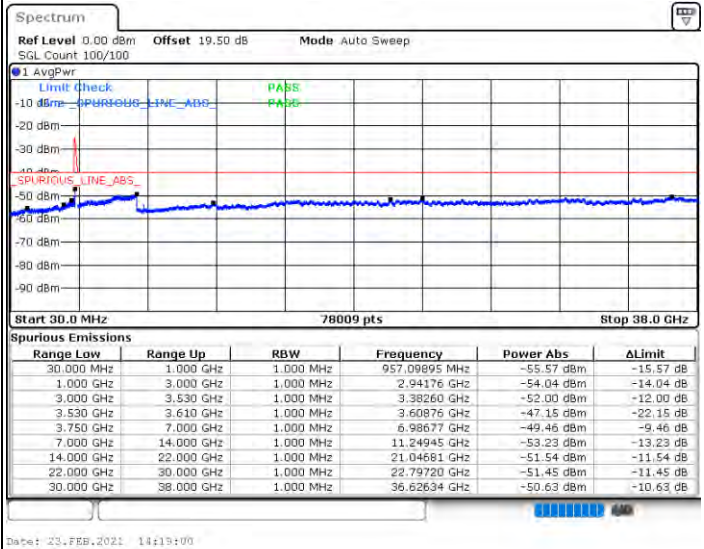
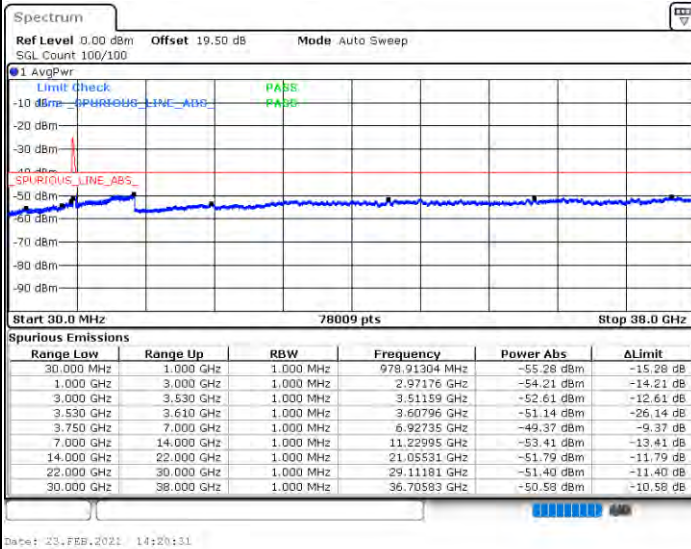


LTE Band 48C / 20MHz+10MHz

64QAM

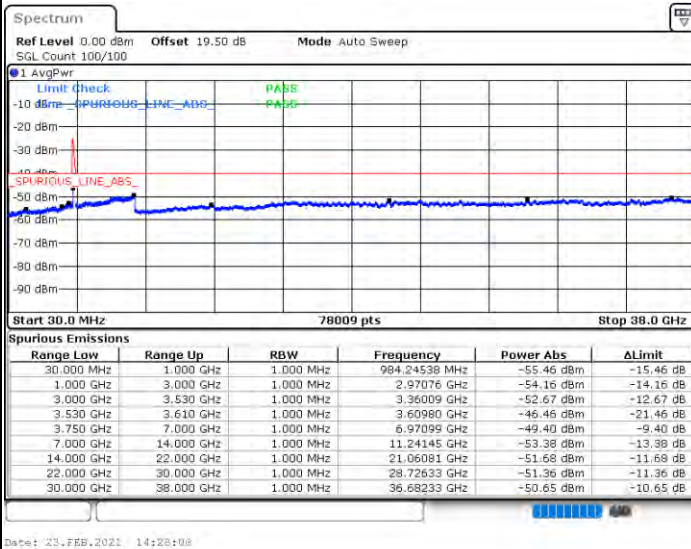
Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Highest Channel / FullIRB

N/A



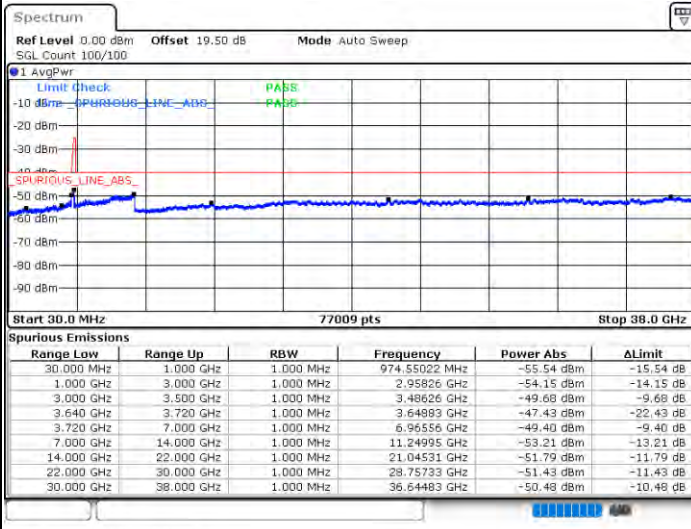


LTE Band 48C / 20MHz+15MHz

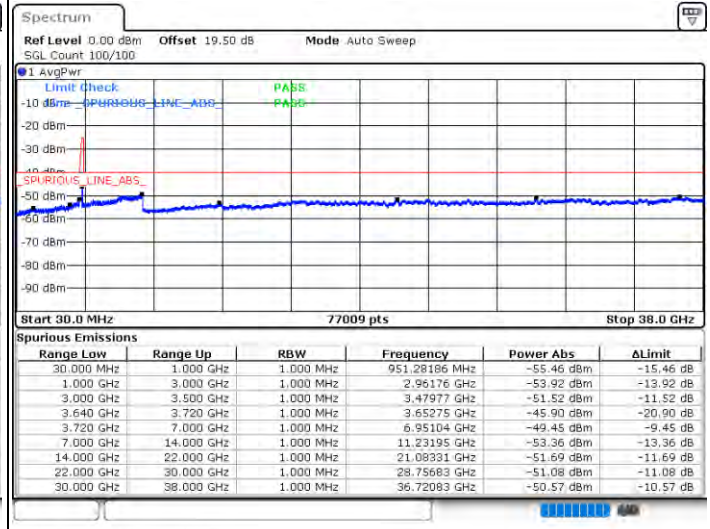
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



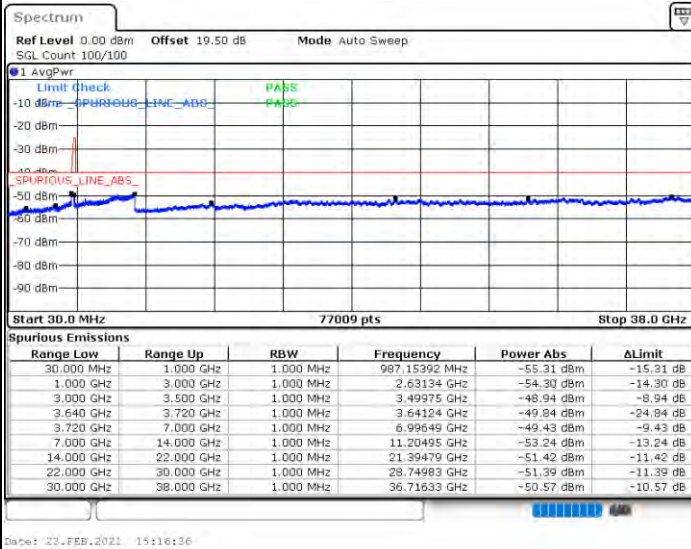
Date: 23.FEB.2021 15:15:04



Date: 23.FEB.2021 15:07:28

Lowest Channel / FullRB

N/A



Date: 23.FEB.2021 15:16:36

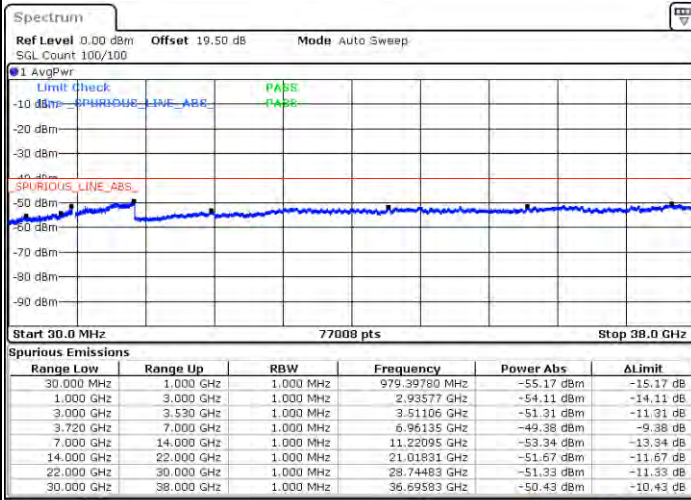


LTE Band 48C / 20MHz+15MHz

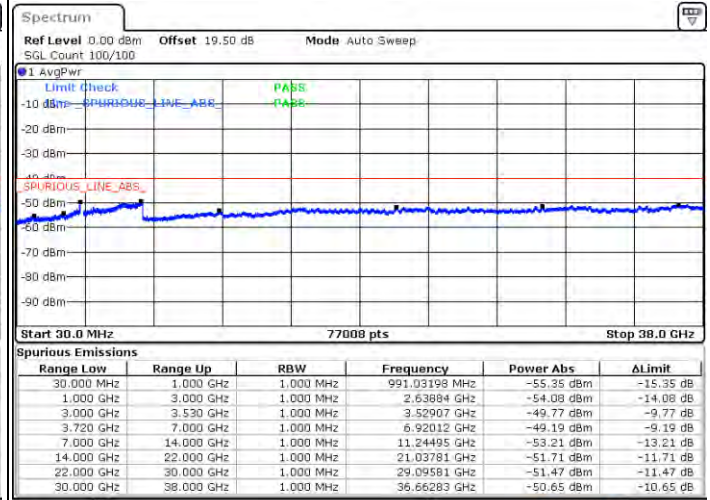
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



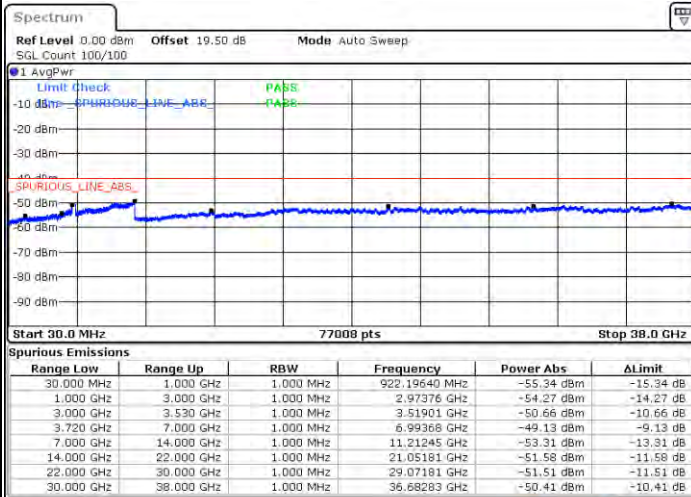
Date: 23.FEB.2021 15:25:43



Date: 23.FEB.2021 15:31:20

Middle Channel / FullIRB

N/A



Date: 23.FEB.2021 15:24:12

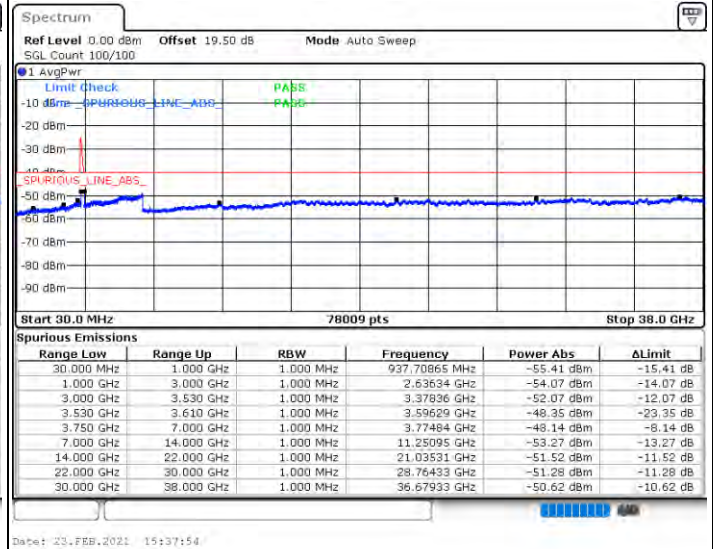
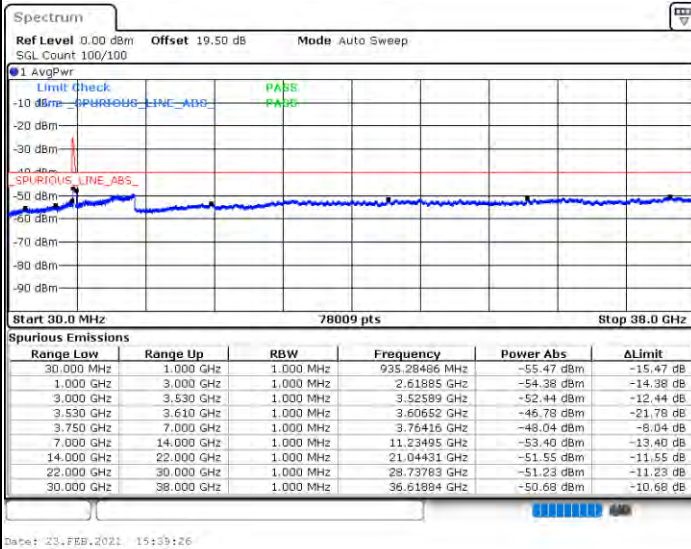


LTE Band 48C / 20MHz+15MHz

64QAM

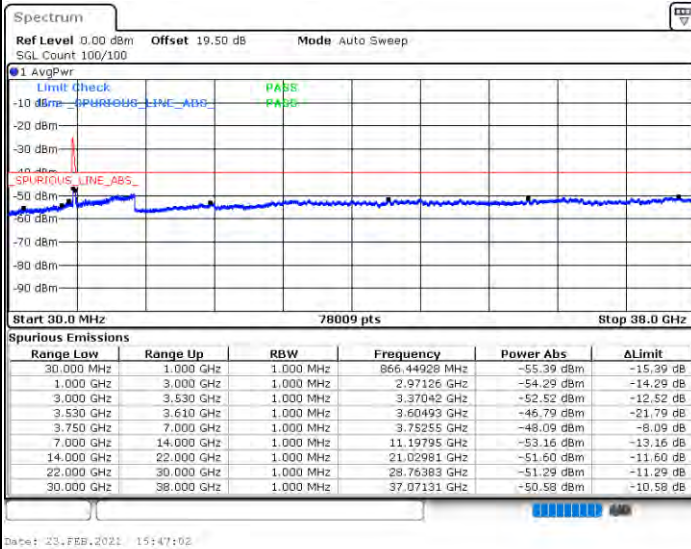
Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Highest Channel / FullIRB

N/A



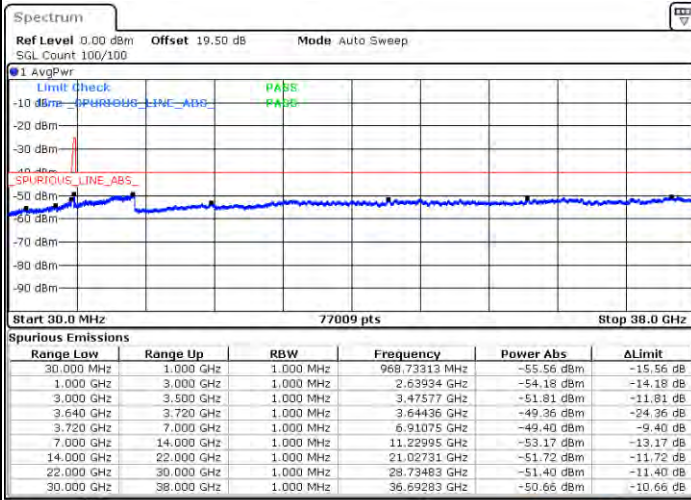


LTE Band 48C / 20MHz+20MHz

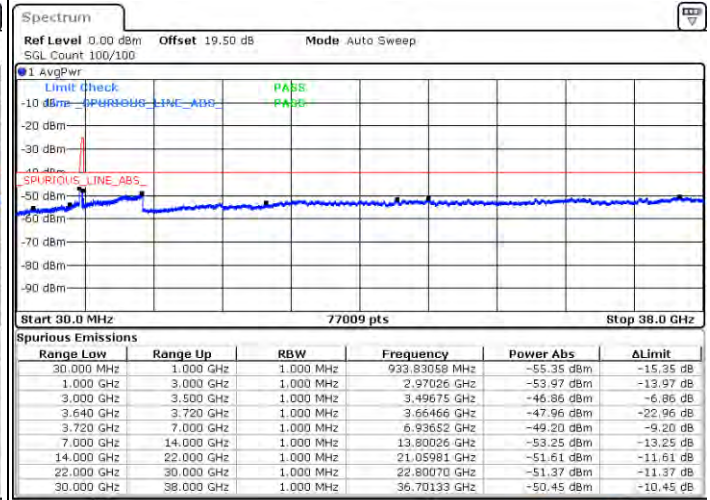
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



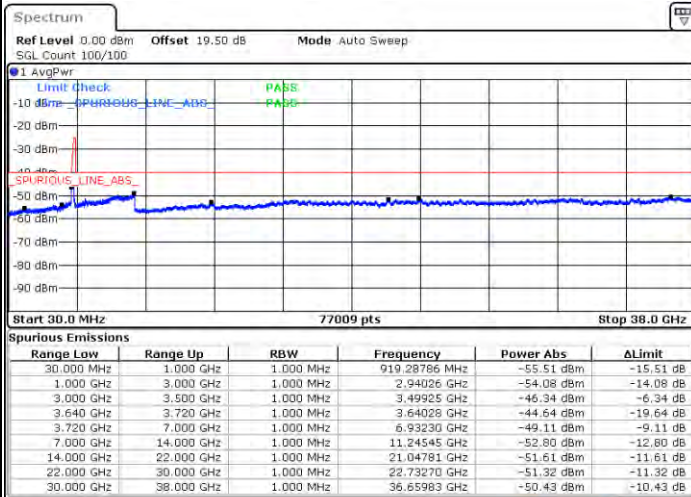
Date: 23.FEB.2021 12:27:03



Date: 23.FEB.2021 12:19:26

Lowest Channel / FullRB

N/A



Date: 23.FEB.2021 12:28:35

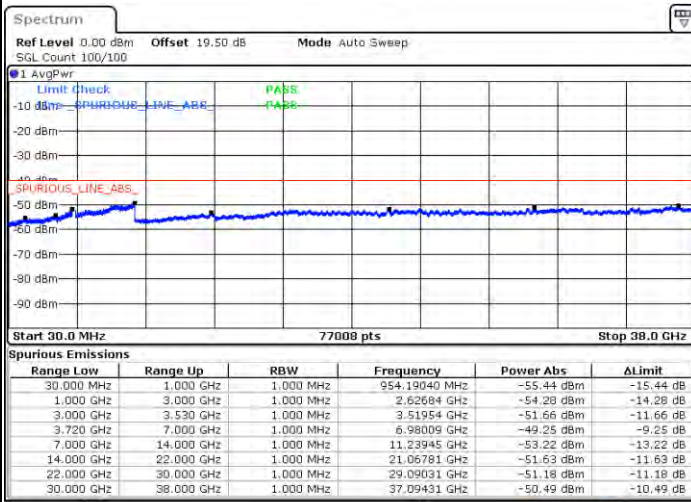


LTE Band 48C / 20MHz+20MHz

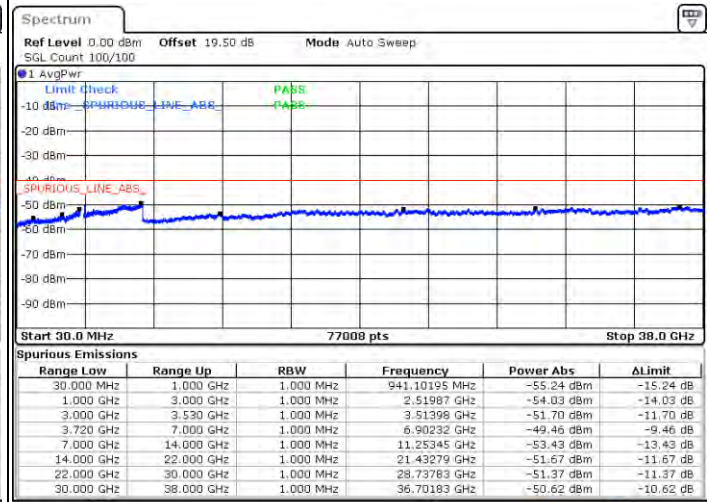
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



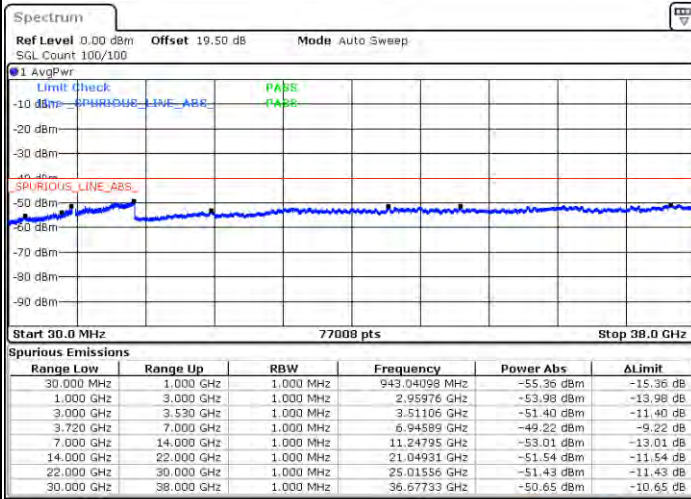
Date: 23.FEB.2021 12:58:51



Date: 23.FEB.2021 13:06:28

Middle Channel / FullRB

N/A



Date: 23.FEB.2021 12:57:20

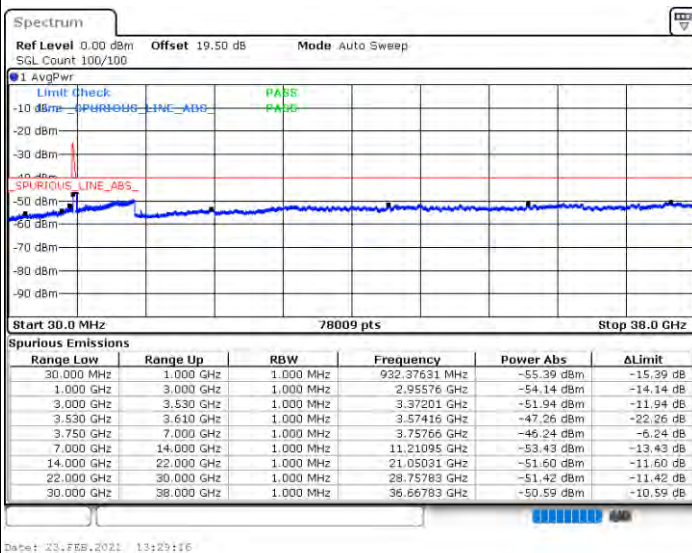
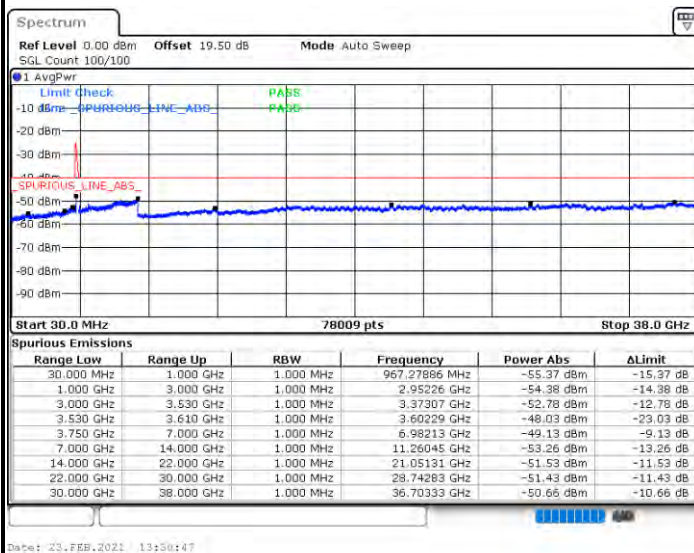


LTE Band 48C / 20MHz+20MHz

64QAM

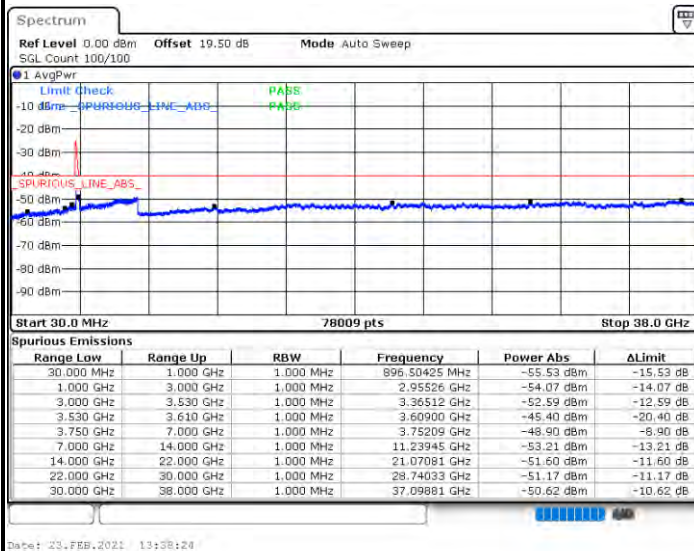
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Highest Channel / FullRB

N/A



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	7102.00	-52.37	-40	-12.37	-48.49	-55.70	8.25	11.58	H
	10653.00	-53.49	-40	-13.49	-55.54	-55.04	10.45	12.00	H
	14204.00	-49.20	-40	-9.20	-55.87	-50.91	11.74	13.45	H
	7102.00	-49.45	-40	-9.45	-45.7	-52.78	8.25	11.58	V
	10656.00	-54.54	-40	-14.54	-56.47	-56.09	10.45	12.00	V
	14204.00	-49.28	-40	-9.28	-55.64	-50.99	11.74	13.45	V
Middle	7232.00	-58.47	-40	-18.47	-55.18	-61.77	8.30	11.60	H
	10848.00	-53.25	-40	-13.25	-56.35	-54.77	10.48	12.00	H
	14464.00	-48.61	-40	-8.61	-55.97	-50.31	11.80	13.50	H
	7232.00	-56.24	-40	-16.24	-52.99	-59.54	8.30	11.60	V
	10848.00	-53.56	-40	-13.56	-56.42	-55.08	10.48	12.00	V
	14464.00	-49.08	-40	-9.08	-56.23	-50.78	11.80	13.50	V
Highest	7362.00	-57.44	-40	-17.44	-54.73	-60.76	8.30	11.62	H
	11043.00	-52.83	-40	-12.83	-56.98	-54.51	10.52	12.20	H
	14724.00	-50.76	-40	-10.76	-57.57	-52.46	11.85	13.55	H
	7362.00	-56.80	-40	-16.80	-54.14	-60.12	8.30	11.62	V
	11043.00	-53.09	-40	-13.09	-56.93	-54.77	10.52	12.20	V
	14724.00	-50.60	-40	-10.60	-57.50	-52.30	11.85	13.55	V

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

LTE Band 48C_CA / 20MHz + 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102.00	-57.31	-40	-17.31	-53.43	-60.64	8.25	11.58	H
	10653.00	-54.45	-40	-14.45	-56.50	-56.00	10.45	12.00	H
	14204.00	-49.10	-40	-9.10	-55.77	-50.81	11.74	13.45	H
	7102.00	-55.57	-40	-15.57	-51.82	-58.90	8.25	11.58	V
	10653.00	-54.41	-40	-14.41	-56.33	-55.96	10.45	12.00	V
	14204.00	-49.17	-40	-9.17	-55.53	-50.88	11.74	13.45	V
Middle	7212.20	-53.46	-40	-13.46	-50.08	-56.76	8.30	11.60	H
	10818.30	-53.12	-40	-13.12	-56.07	-54.64	10.48	12.00	H
	14424.40	-48.45	-40	-8.45	-55.70	-50.15	11.80	13.50	H
	7212.20	-53.77	-40	-13.77	-50.43	-57.07	8.30	11.60	V
	10818.30	-53.71	-40	-13.71	-56.44	-55.23	10.48	12.00	V
	14424.40	-48.95	-40	-8.95	-55.98	-50.65	11.80	13.50	V
Highest	7322.40	-55.71	-40	-15.71	-52.82	-59.03	8.30	11.62	H
	10983.60	-52.51	-40	-12.51	-56.36	-54.19	10.52	12.20	H
	14644.80	-50.03	-40	-10.03	-57.08	-51.73	11.85	13.55	H
	7322.40	-53.24	-40	-13.24	-50.4	-56.56	8.30	11.62	V
	10983.60	-52.97	-40	-12.97	-56.5	-54.65	10.52	12.20	V
	14644.80	-49.59	-40	-9.59	-56.63	-51.29	11.85	13.55	V

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