

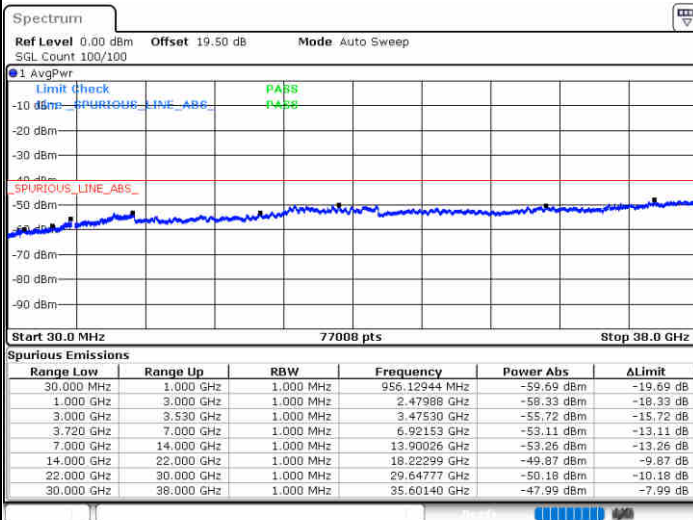


LTE Band 48C / 20MHz+10MHz

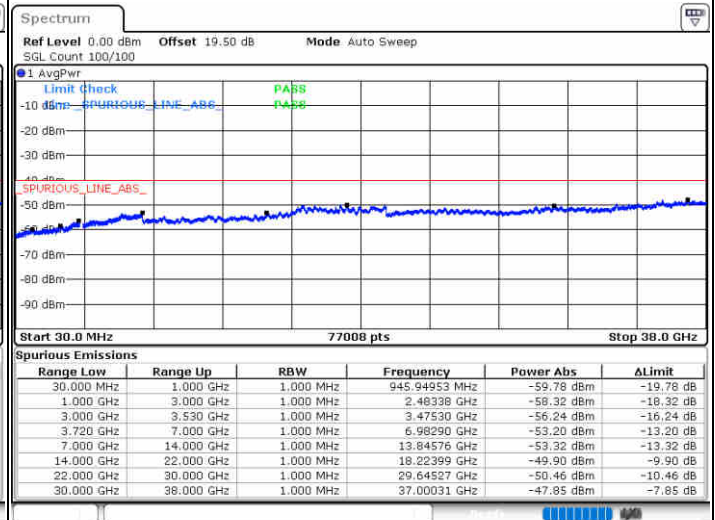
16QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



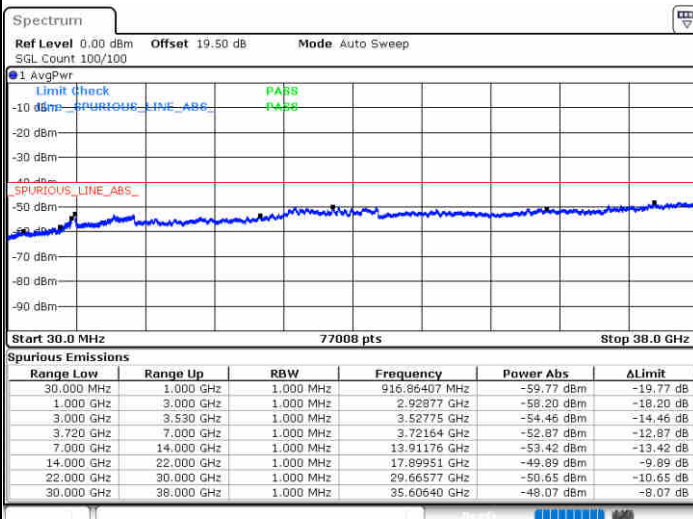
Date: 20.JUL.2020 03:46:56



Date: 20.JUL.2020 03:51:19

Middle Channel / FullIRB

N/A



Date: 20.JUL.2020 03:38:51

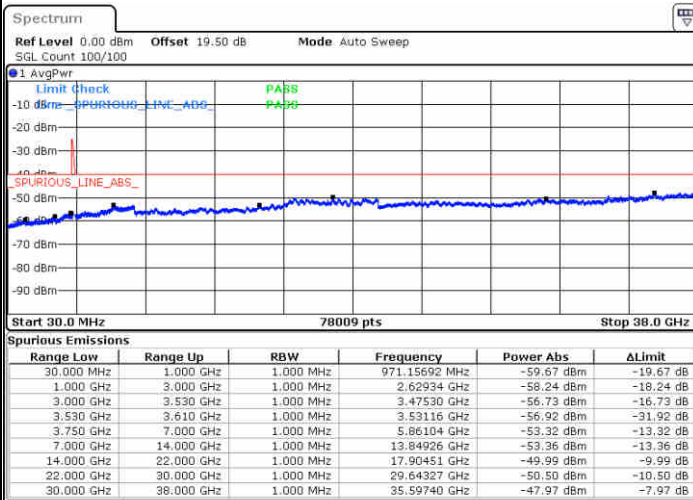


LTE Band 48C / 20MHz+10MHz

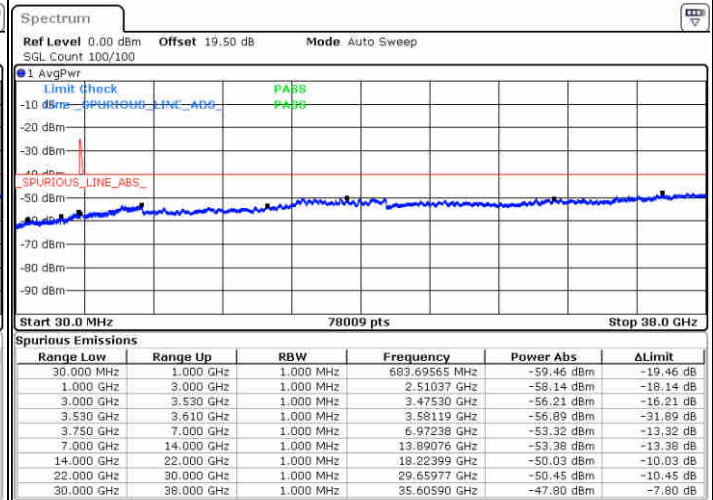
16QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



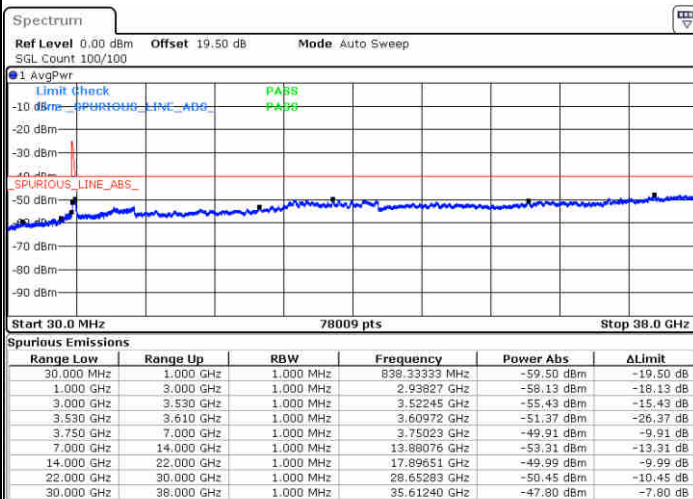
Date: 20.JUL.2020 03:16:13



Date: 20.JUL.2020 03:11:42

Highest Channel / FullIRB

N/A



Date: 20.JUL.2020 03:20:46

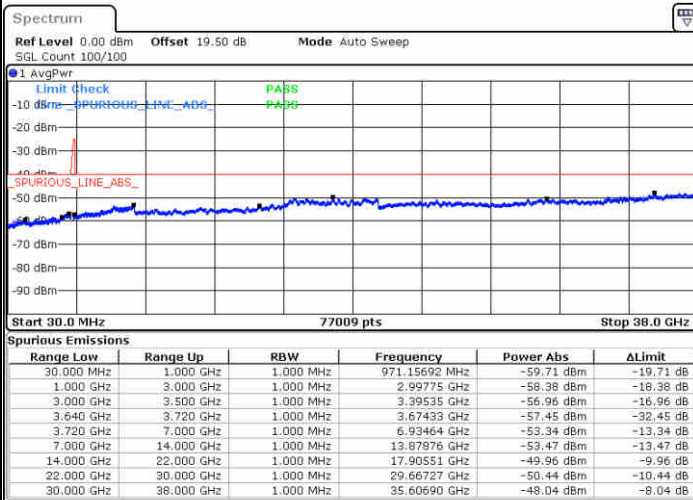


LTE Band 48C / 20MHz+15MHz

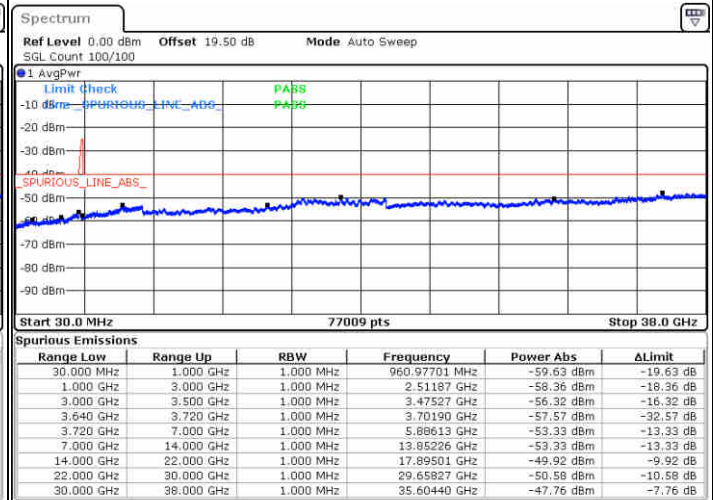
16QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



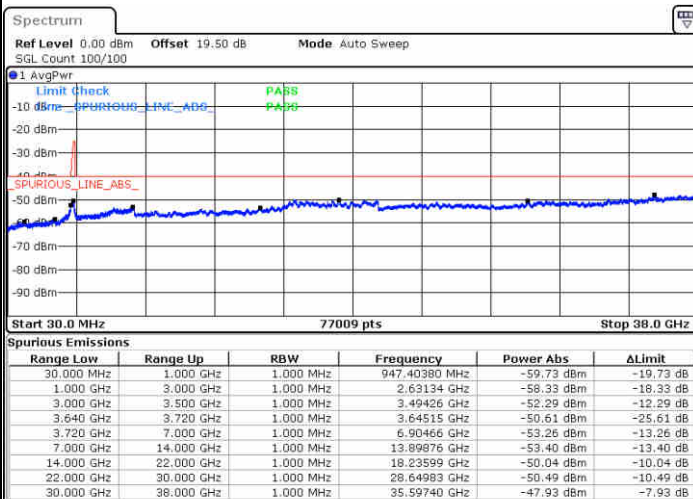
Date: 21.JUL.2020 00:16:18



Date: 21.JUL.2020 00:11:47

Lowest Channel / FullIRB

N/A



Date: 21.JUL.2020 00:20:51

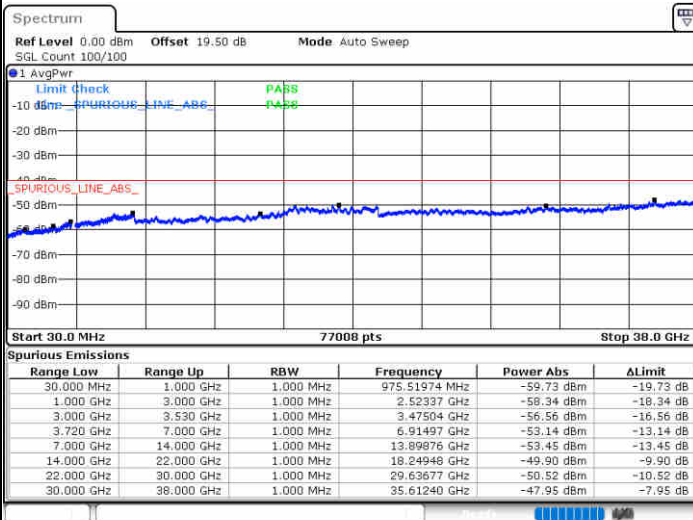


LTE Band 48C / 20MHz+15MHz

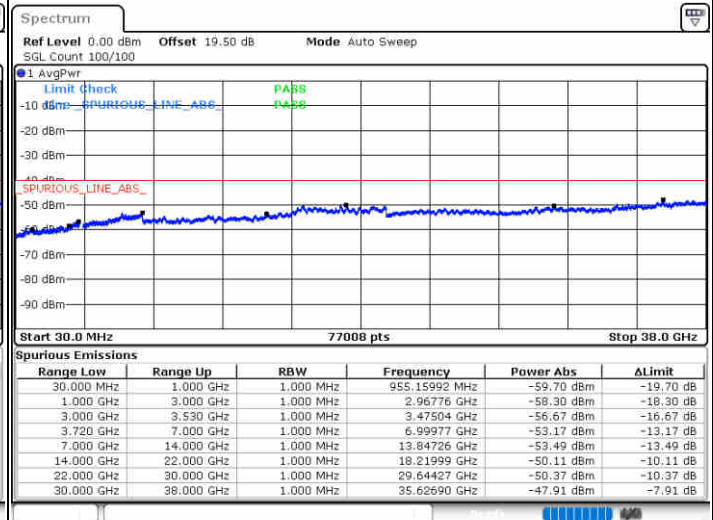
16QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



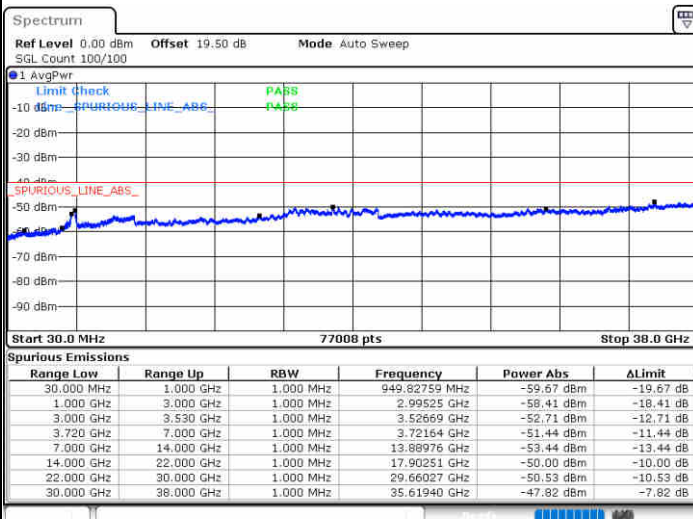
Date: 21.JUL.2020 01:37:14



Date: 21.JUL.2020 01:47:10

Middle Channel / FullIRB

N/A



Date: 21.JUL.2020 01:21:09

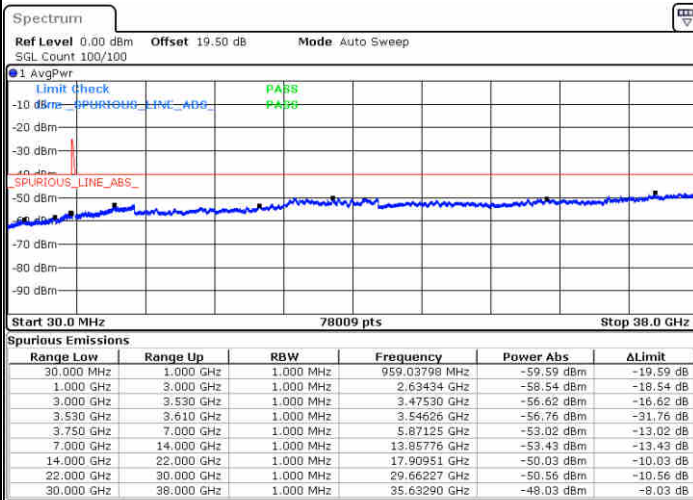


LTE Band 48C / 20MHz+15MHz

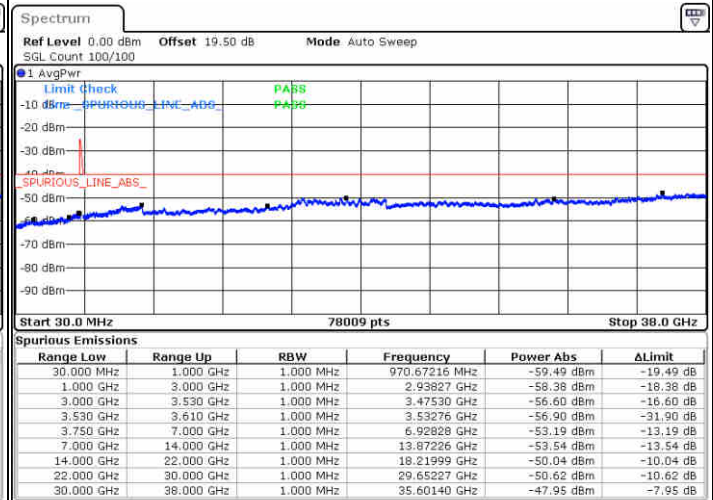
16QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



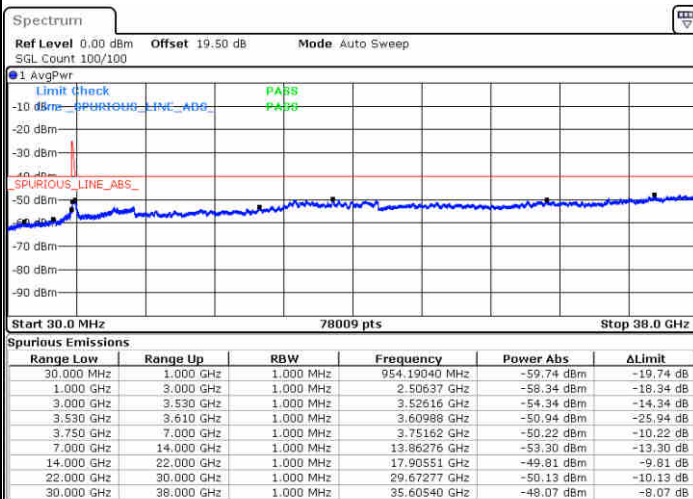
Date: 21.JUL.2020 00:49:06



Date: 21.JUL.2020 00:44:35

Highest Channel / FullIRB

N/A



Date: 21.JUL.2020 00:53:39

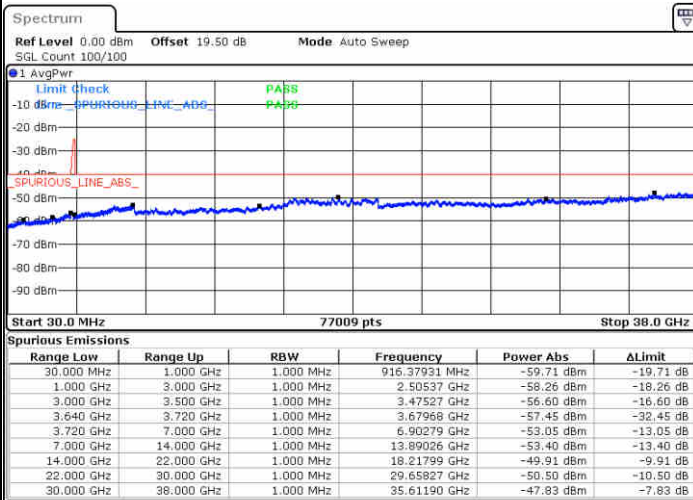


LTE Band 48C / 20MHz+20MHz

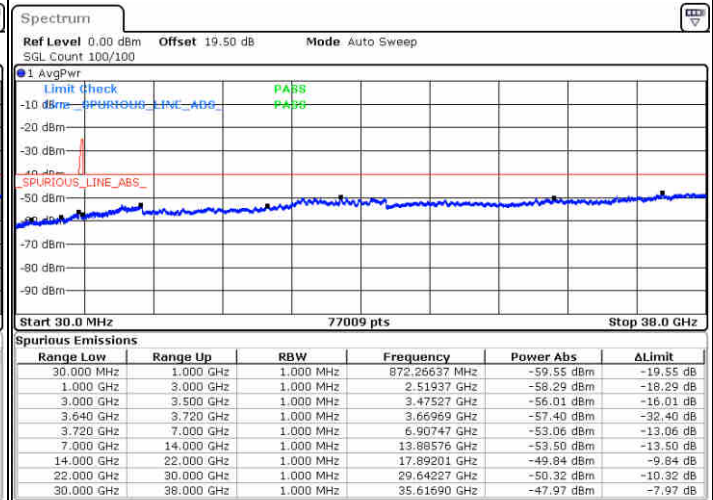
16QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



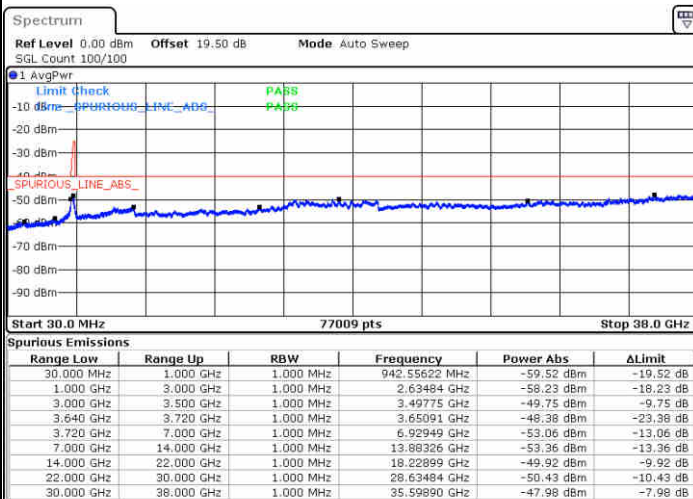
Date: 21.JUL.2020 19:44:02



Date: 21.JUL.2020 19:39:31

Lowest Channel / FullRB

N/A



Date: 21.JUL.2020 19:48:32

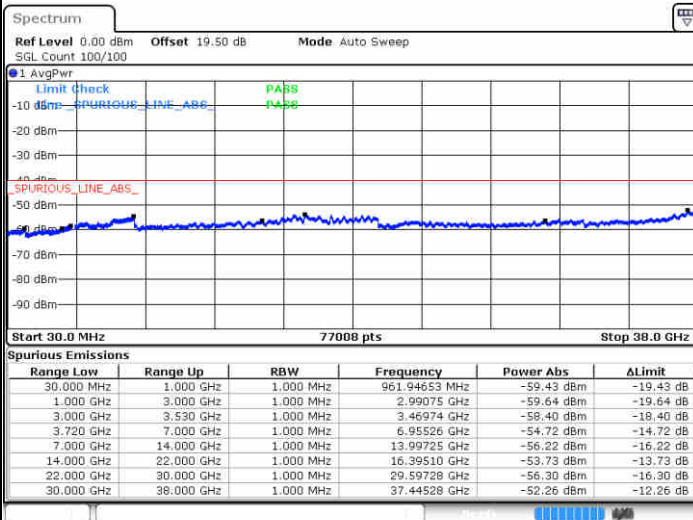


LTE Band 48C / 20MHz+20MHz

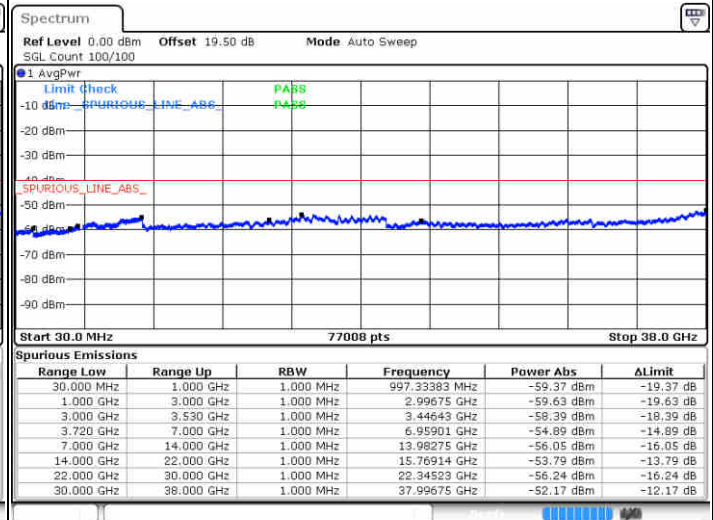
16QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



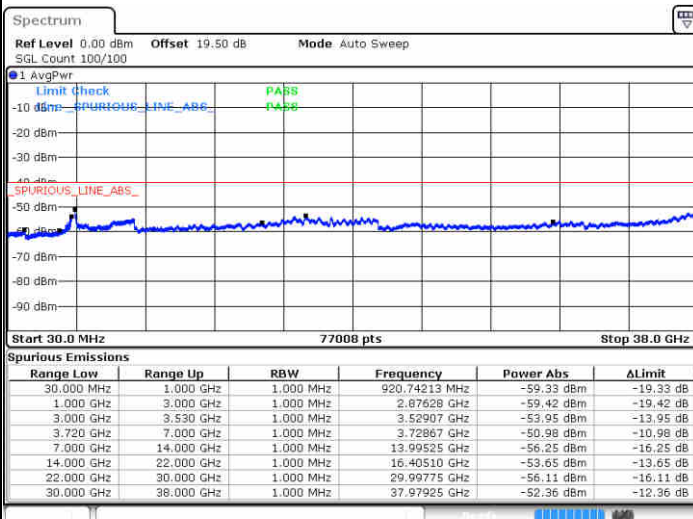
Date: 20 JUL 2020 18:13:11



Date: 20 JUL 2020 18:19:49

Middle Channel / FullIRB

N/A



Date: 20 JUL 2020 18:07:40

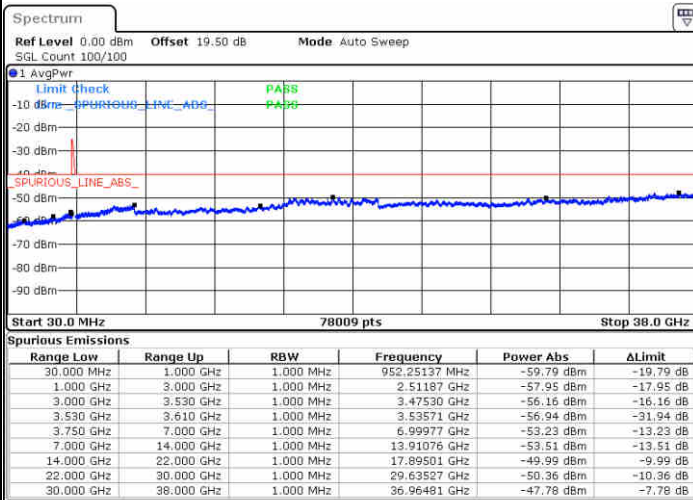


LTE Band 48C / 20MHz+20MHz

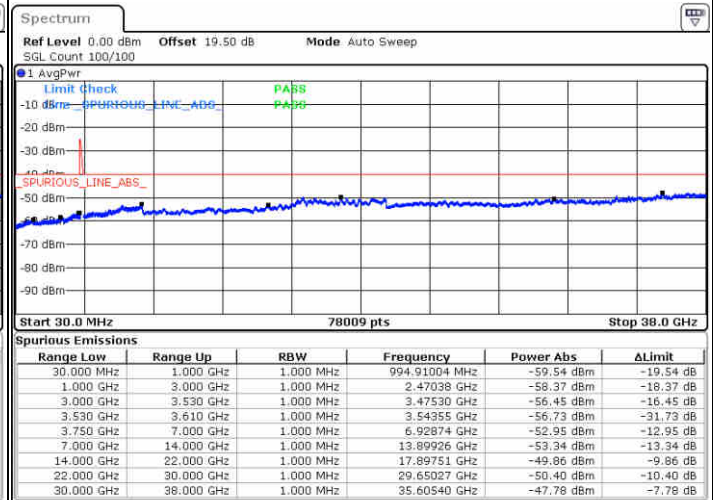
16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



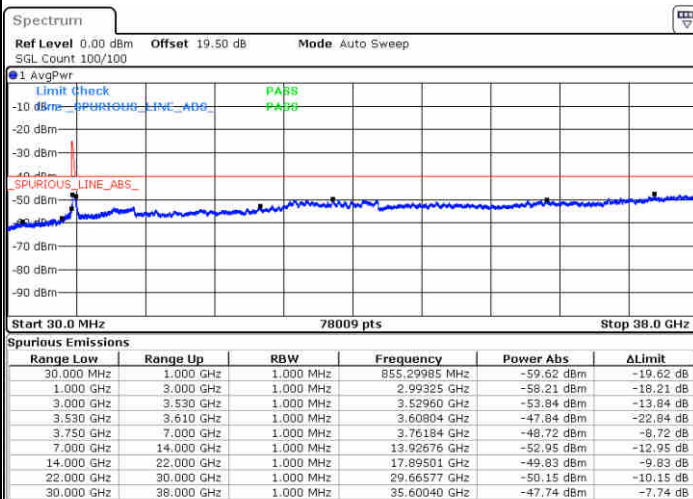
Date: 21.JUL.2020 20:21:10



Date: 21.JUL.2020 20:16:40

Highest Channel / FullIRB

N/A



Date: 21.JUL.2020 20:25:41

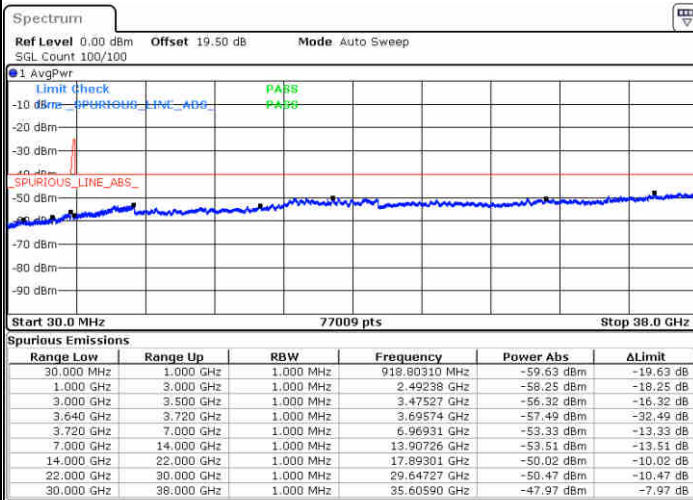


LTE Band 48C / 5MHz+20MHz

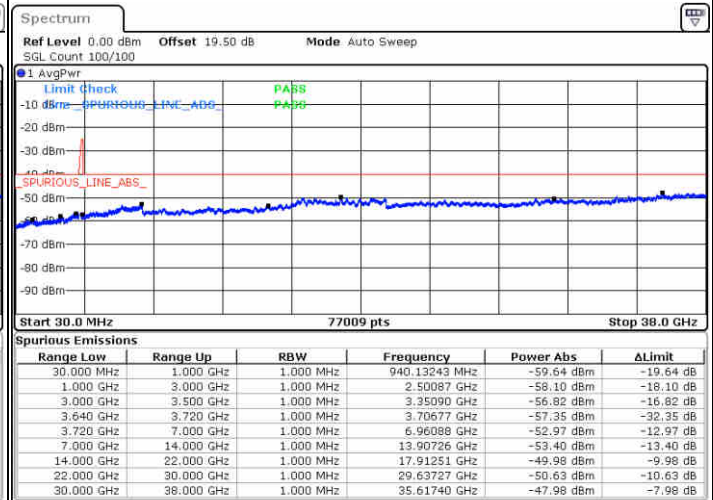
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



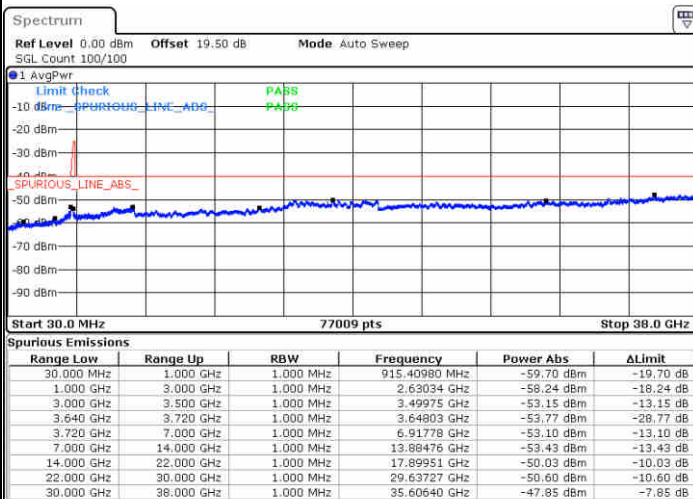
Date: 19.JUL.2020 20:58:11



Date: 19.JUL.2020 21:01:24

Lowest Channel / FullRB

N/A



Date: 19.JUL.2020 20:30:22

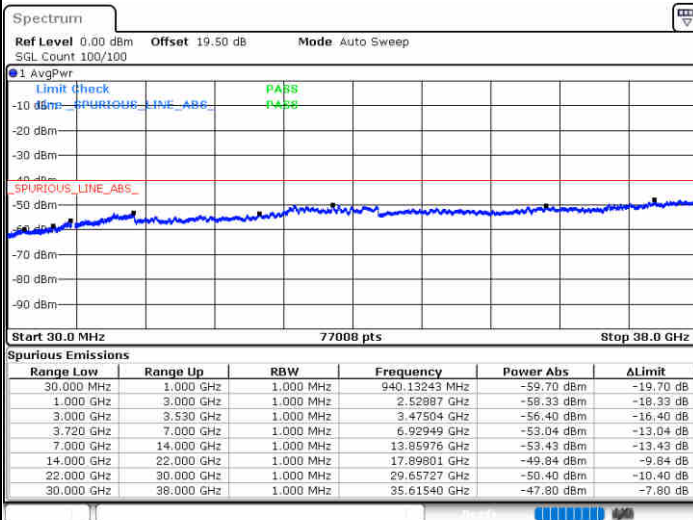


LTE Band 48C / 5MHz+20MHz

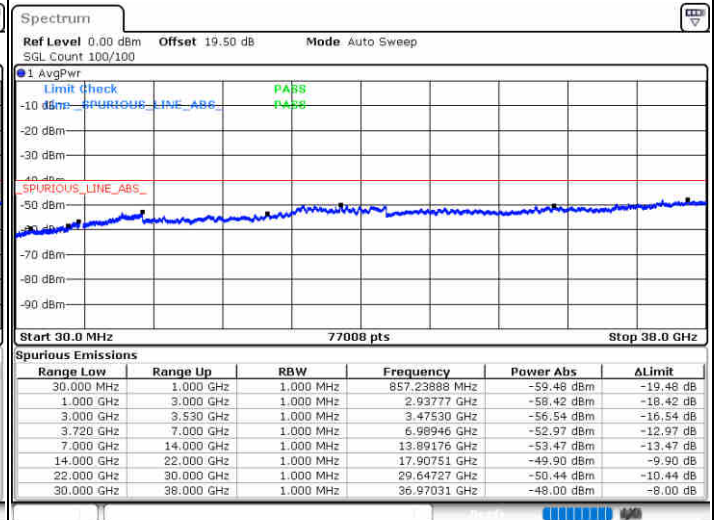
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



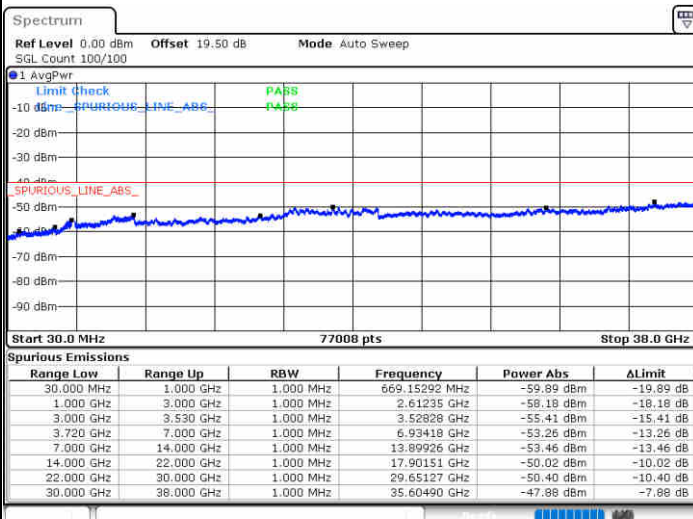
Date: 19.JUL.2020 21:20:07



Date: 19.JUL.2020 21:29:50

Middle Channel / FullIRB

N/A



Date: 19.JUL.2020 21:18:17

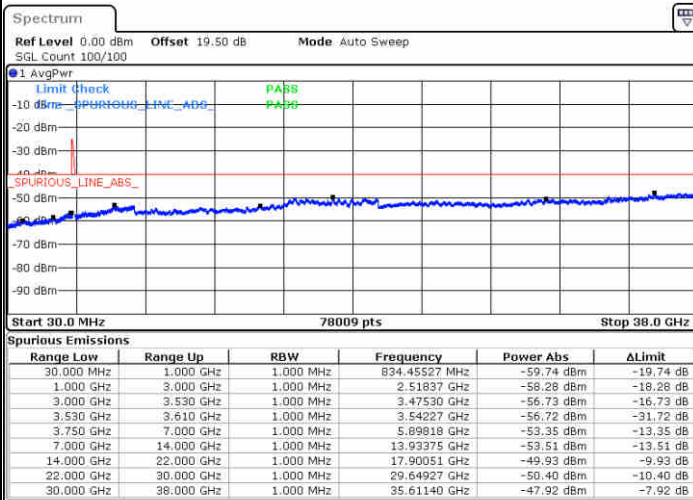


LTE Band 48C / 5MHz+20MHz

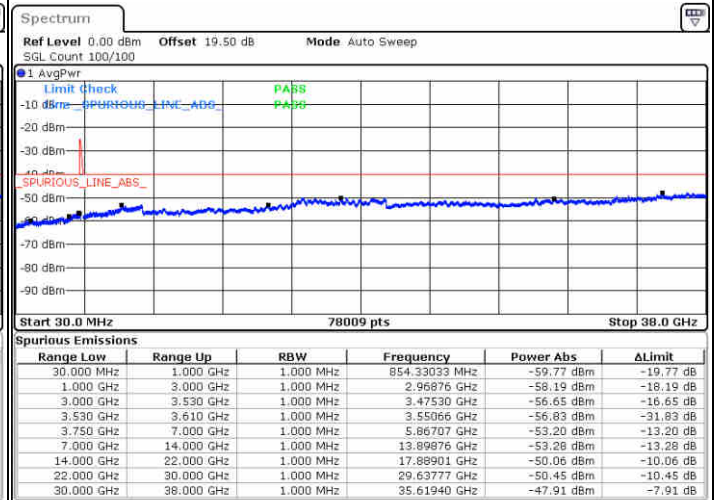
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



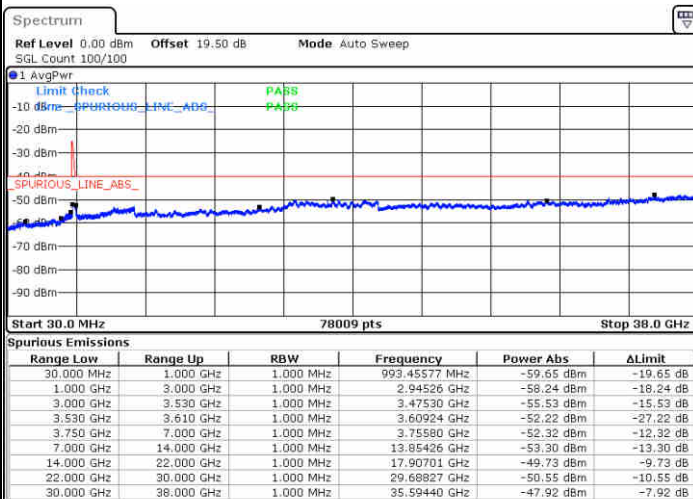
Date: 19.JUL.2020 21:43:47



Date: 19.JUL.2020 22:13:59

Highest Channel / FullIRB

N/A



Date: 19.JUL.2020 21:41:05

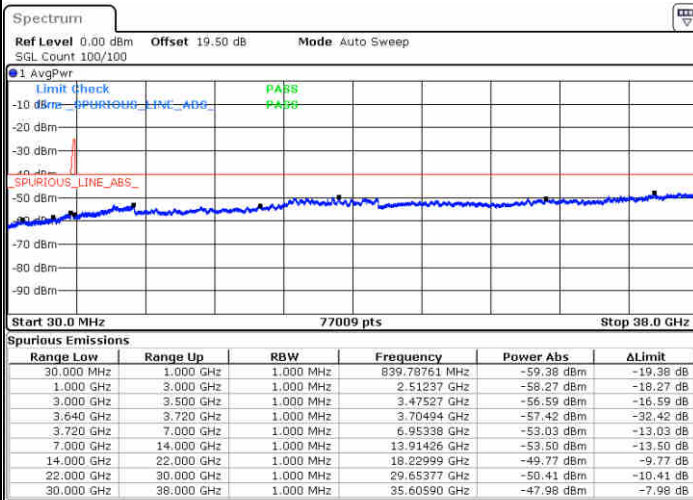


LTE Band 48C / 10MHz+20MHz

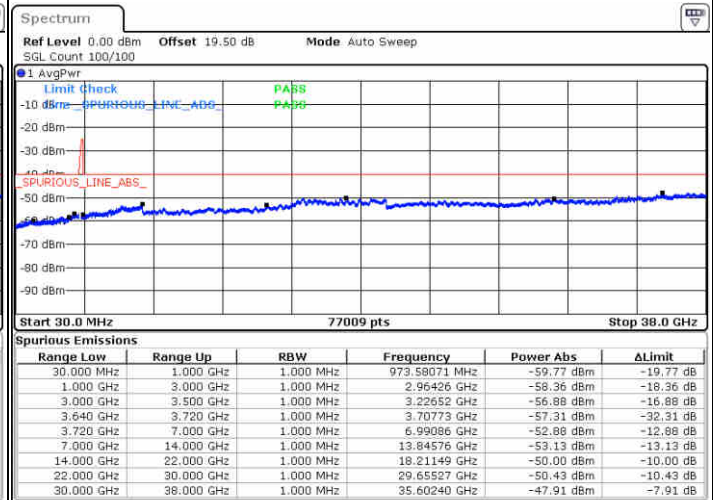
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



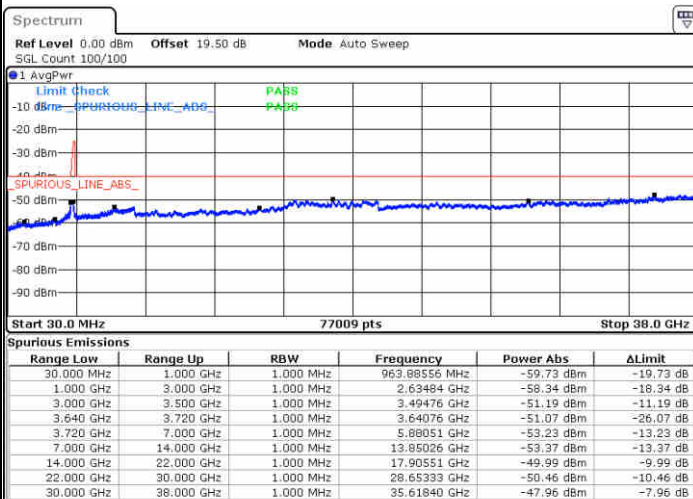
Date: 20.JUL.2020 00:55:44



Date: 20.JUL.2020 00:44:51

Lowest Channel / FullRB

N/A



Date: 20.JUL.2020 00:57:55

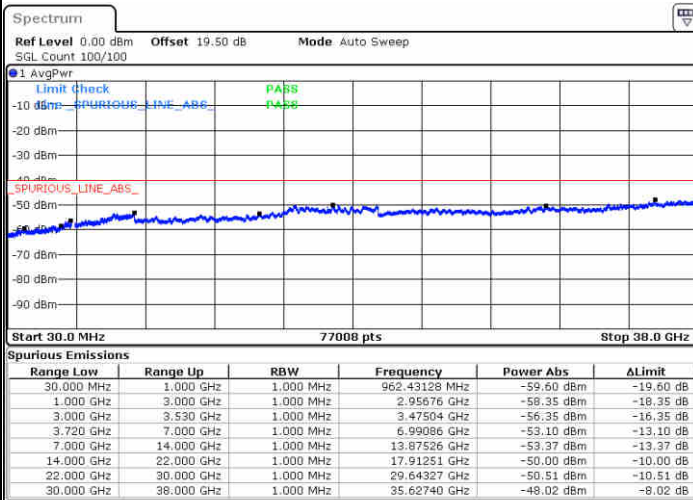


LTE Band 48C / 10MHz+20MHz

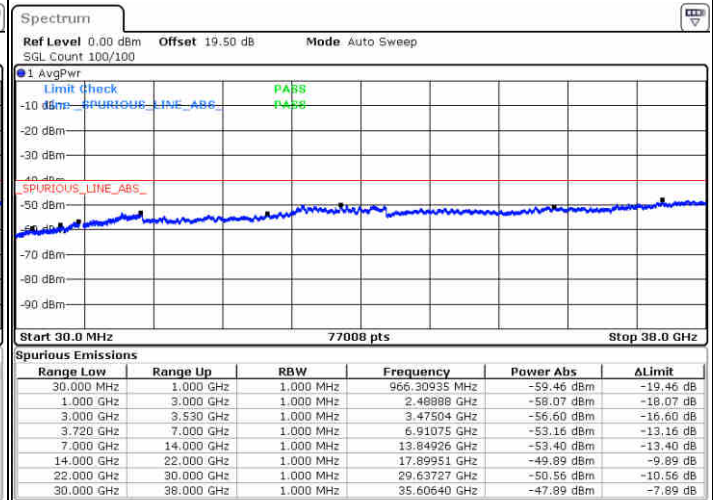
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



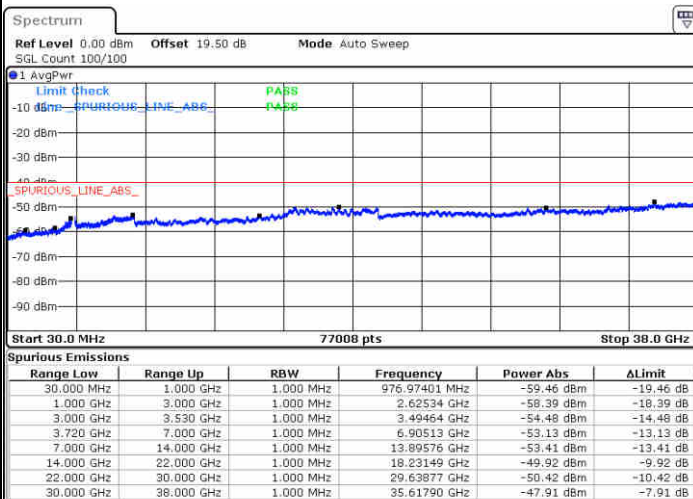
Date: 20.JUL.2020 01:54:07



Date: 20.JUL.2020 02:01:40

Middle Channel / FullIRB

N/A



Date: 20.JUL.2020 01:52:36

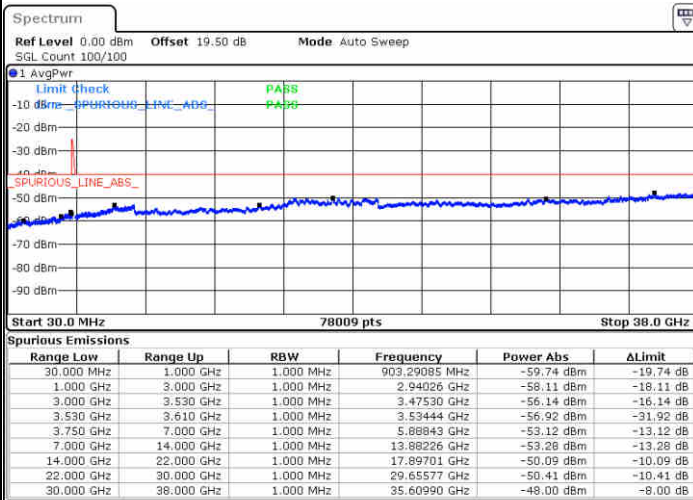


LTE Band 48C / 10MHz+20MHz

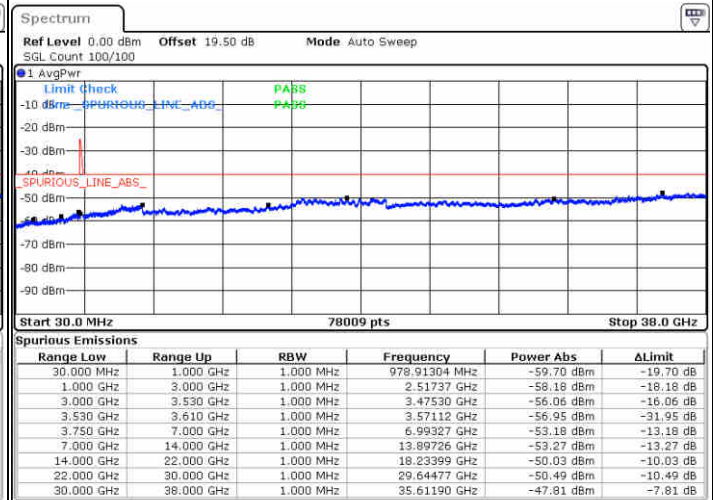
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



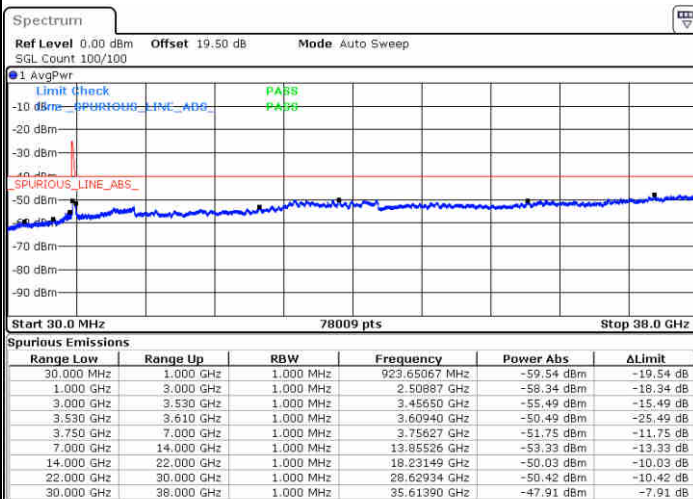
Date: 20.JUL.2020 01:24:19



Date: 20.JUL.2020 01:22:49

Highest Channel / FullIRB

N/A



Date: 20.JUL.2020 01:31:52

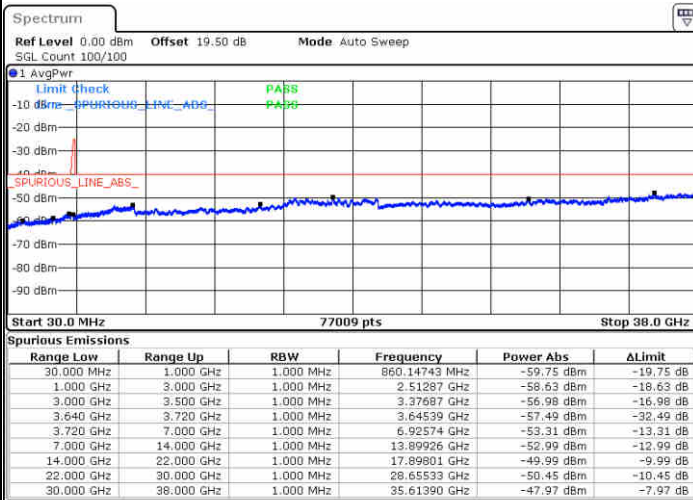


LTE Band 48C / 15MHz+20MHz

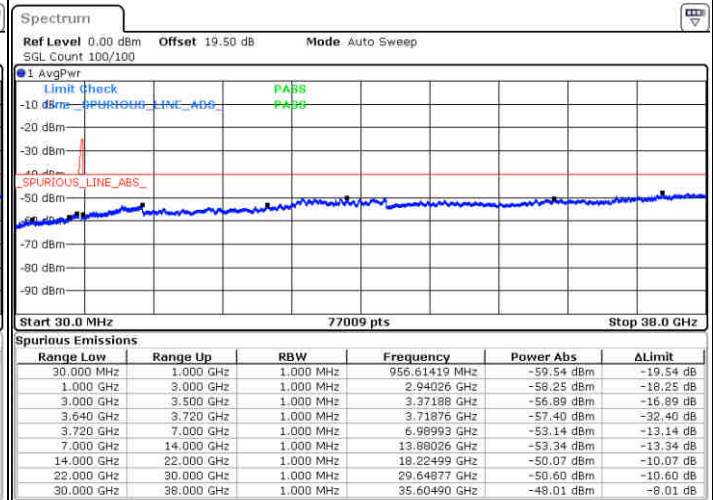
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



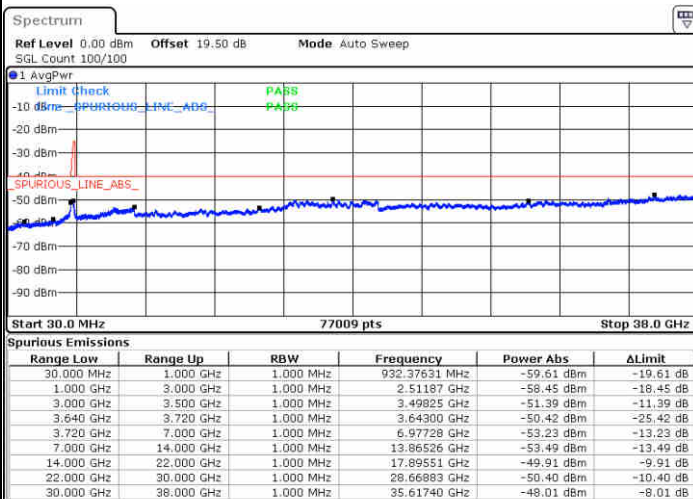
Date: 20.JUL.2020 19:32:41



Date: 20.JUL.2020 19:25:08

Lowest Channel / FullRB

N/A



Date: 20.JUL.2020 19:34:08

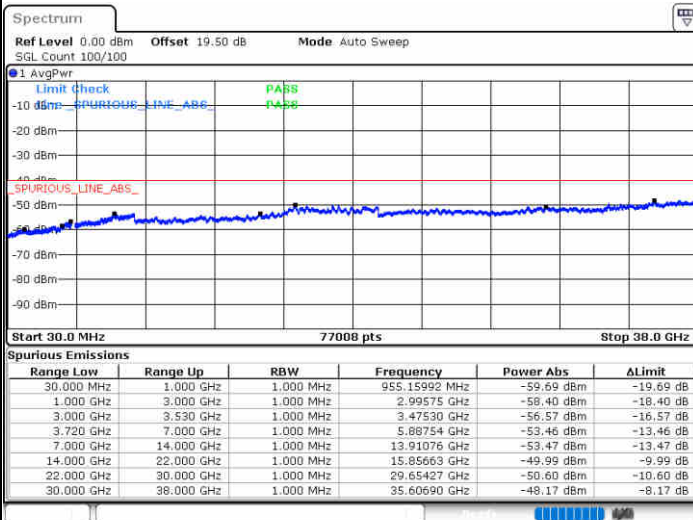


LTE Band 48C / 15MHz+20MHz

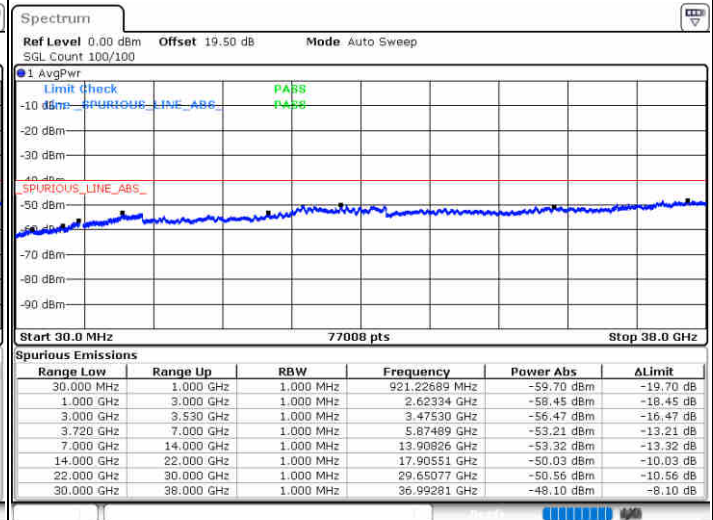
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



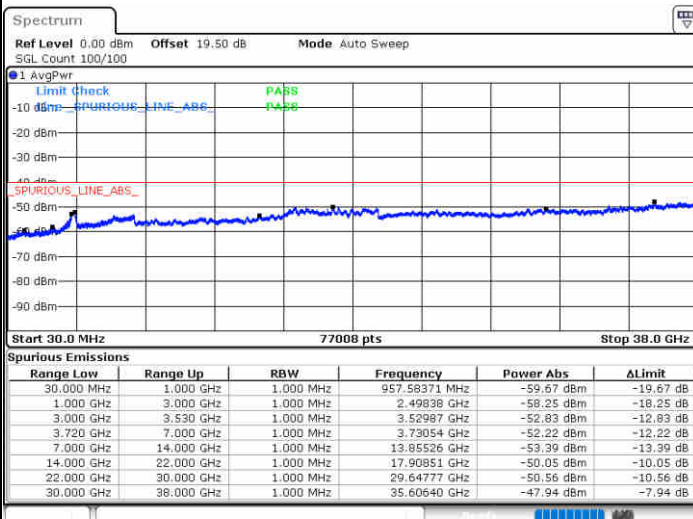
Date: 20.JUL.2020 21:20:51



Date: 20.JUL.2020 22:08:59

Middle Channel / FullIRB

N/A



Date: 20.JUL.2020 21:16:07

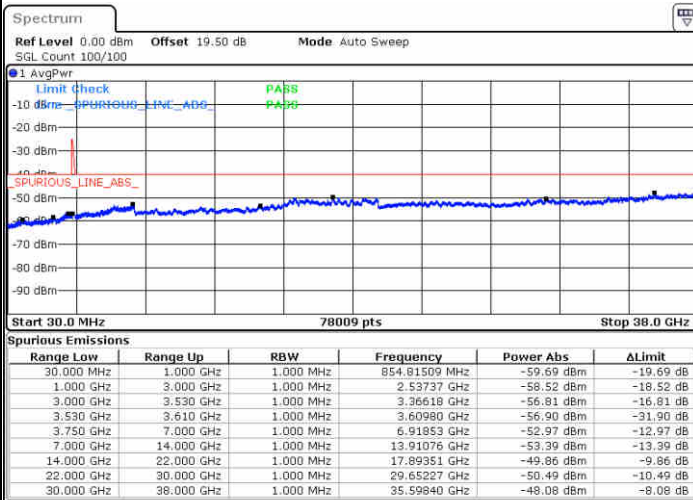


LTE Band 48C / 15MHz+20MHz

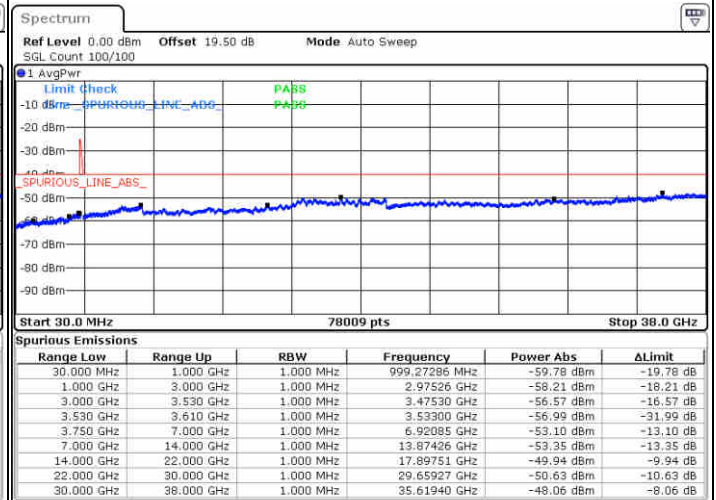
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



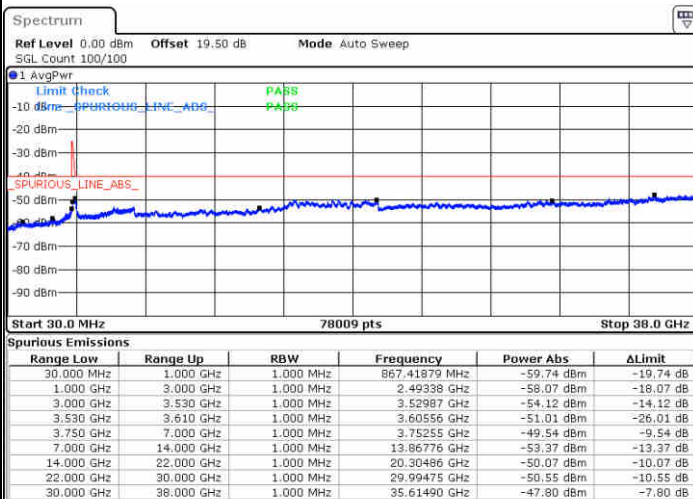
Date: 20.JUL.2020 20:02:25



Date: 20.JUL.2020 20:00:54

Highest Channel / FullIRB

N/A



Date: 20.JUL.2020 20:09:58

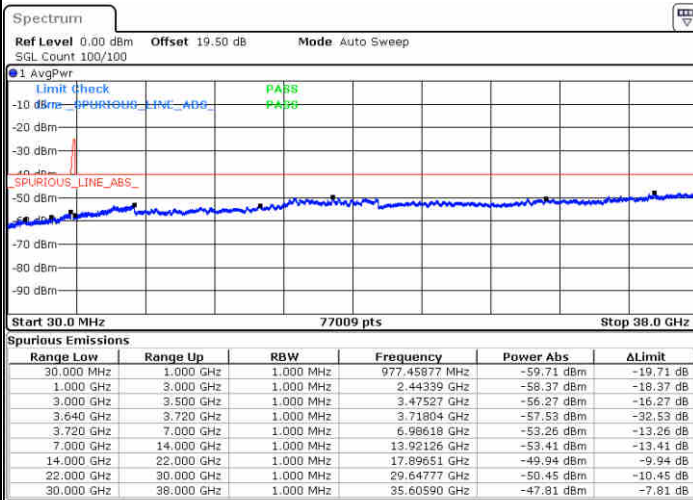


LTE Band 48C / 20MHz+5MHz

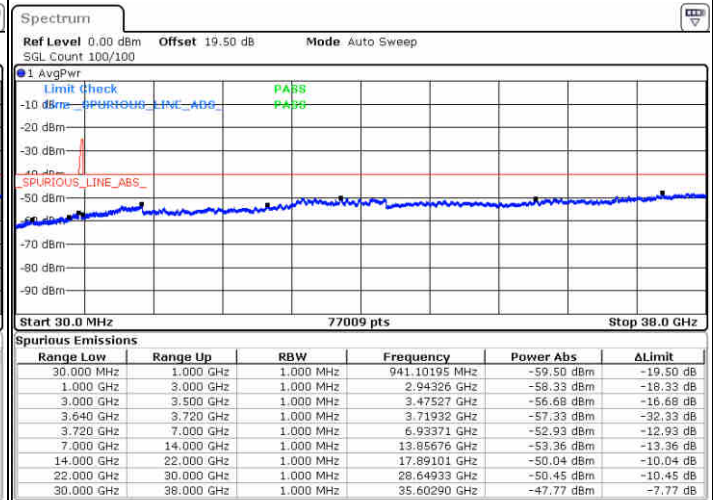
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



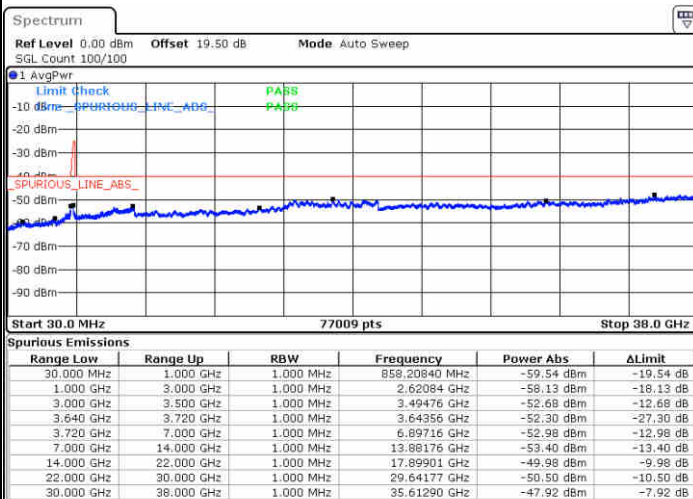
Date: 19.JUL.2020 22:32:53



Date: 19.JUL.2020 22:45:54

Lowest Channel / FullRB

N/A



Date: 19.JUL.2020 22:30:01

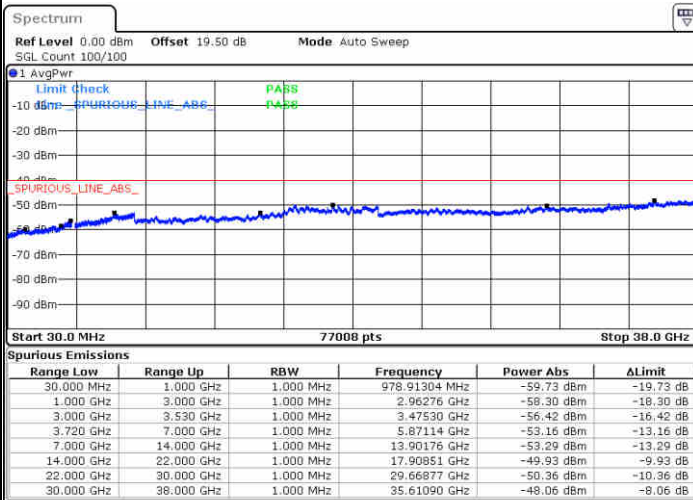


LTE Band 48C / 20MHz+5MHz

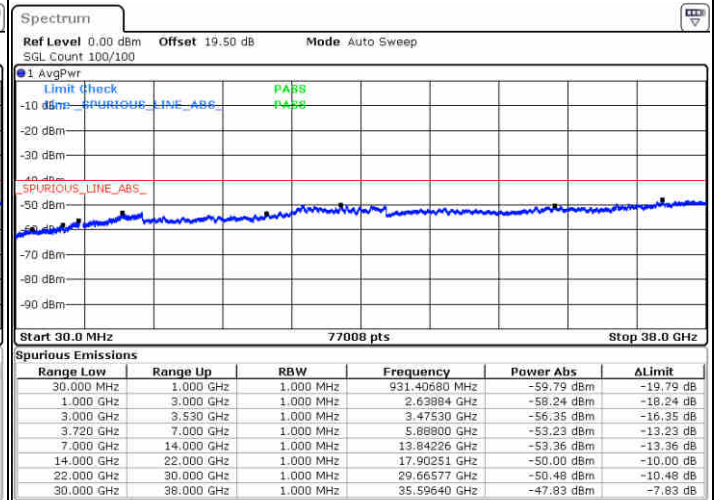
64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



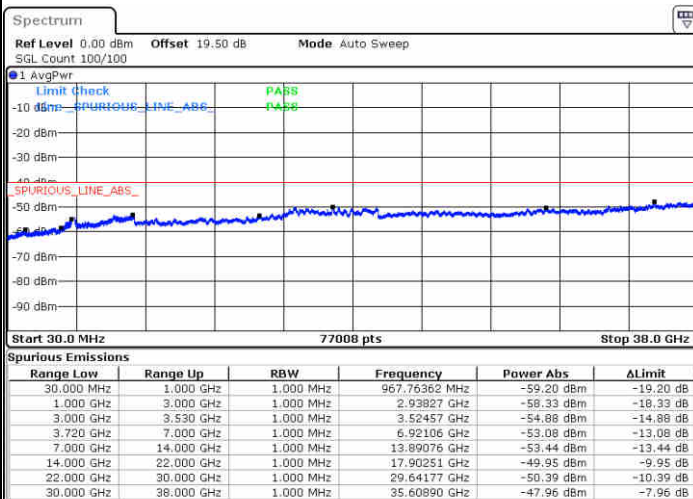
Date: 19.JUL.2020 22:53:31



Date: 19.JUL.2020 23:32:56

Middle Channel / FullIRB

N/A



Date: 19.JUL.2020 22:51:46

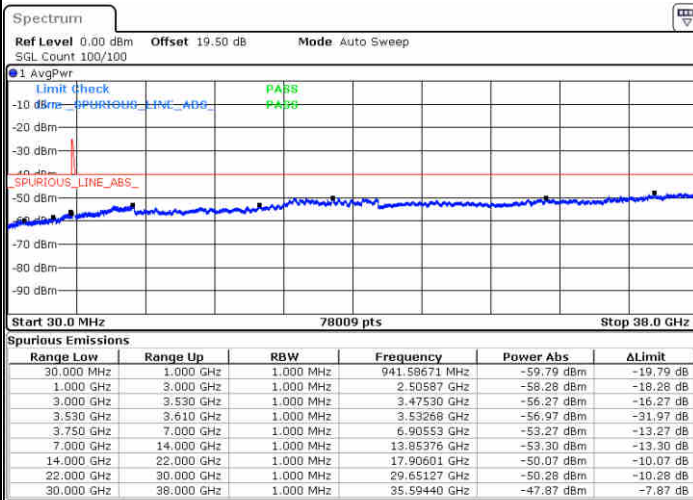


LTE Band 48C / 20MHz+5MHz

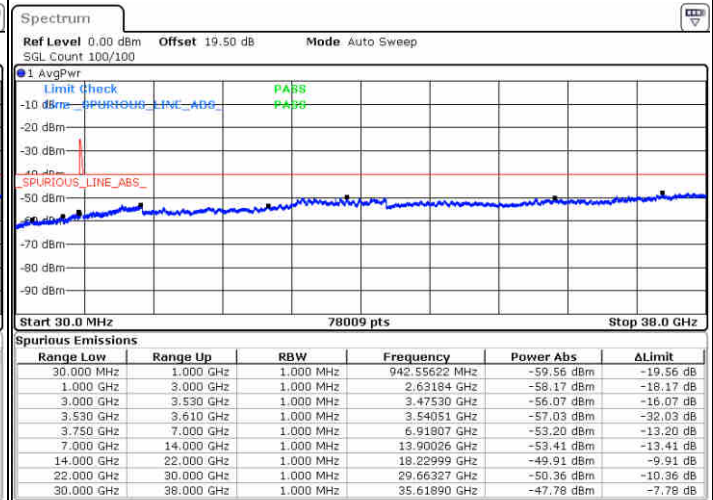
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



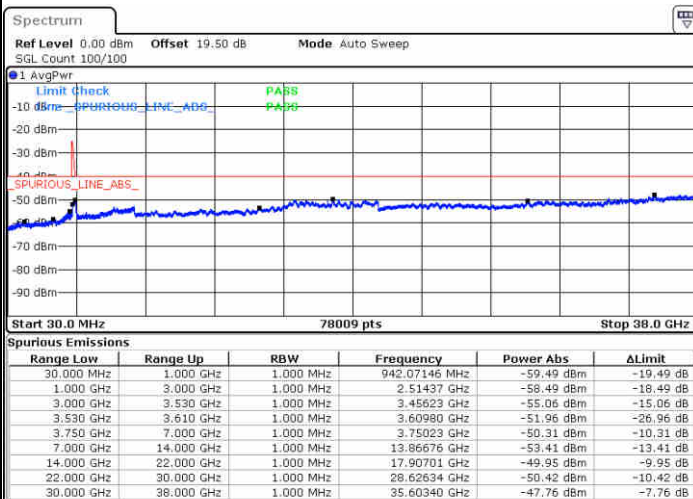
Date: 19.JUL.2020 23:57:54



Date: 20.JUL.2020 00:13:14

Highest Channel / FullIRB

N/A



Date: 19.JUL.2020 23:54:42

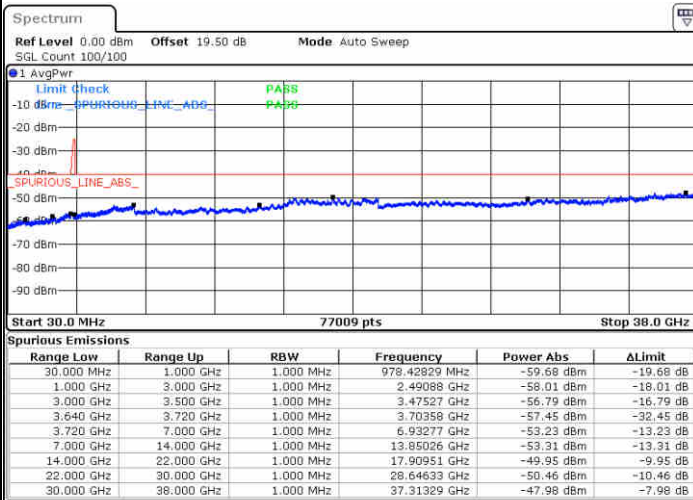


LTE Band 48C / 20MHz+10MHz

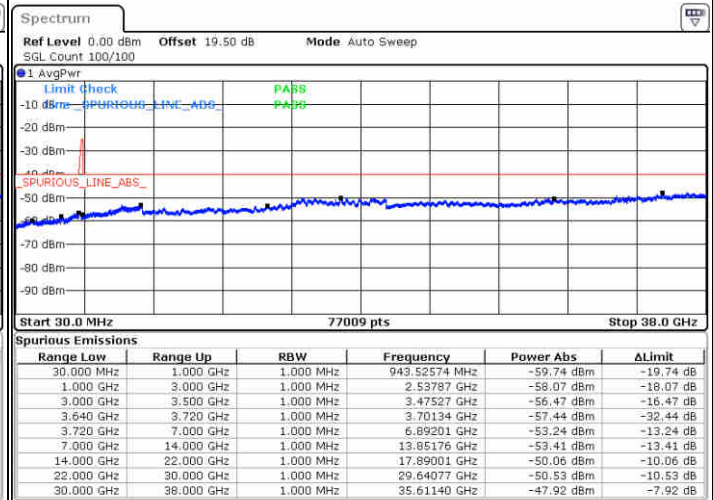
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



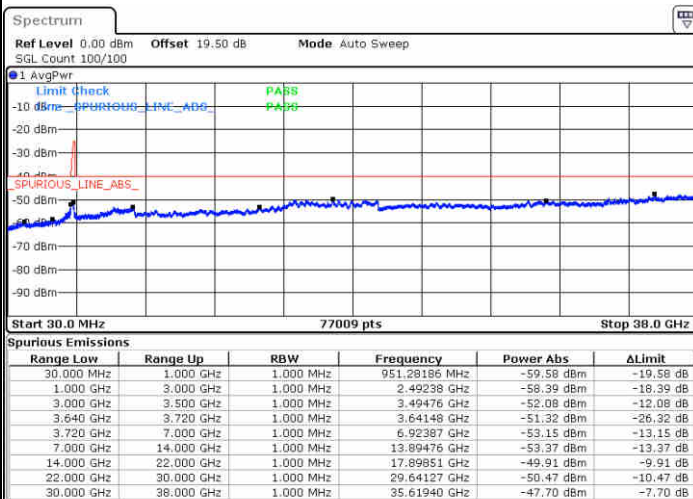
Date: 20.JUL.2020 02:41:59



Date: 20.JUL.2020 02:34:25

Lowest Channel / FullIRB

N/A



Date: 20.JUL.2020 02:43:30

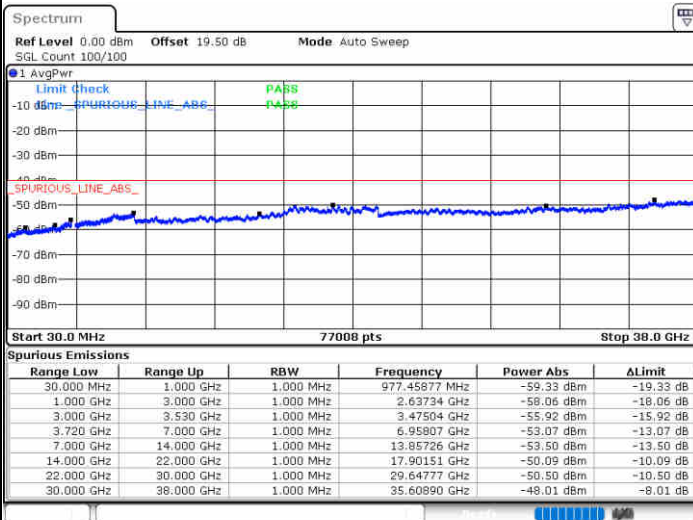


LTE Band 48C / 20MHz+10MHz

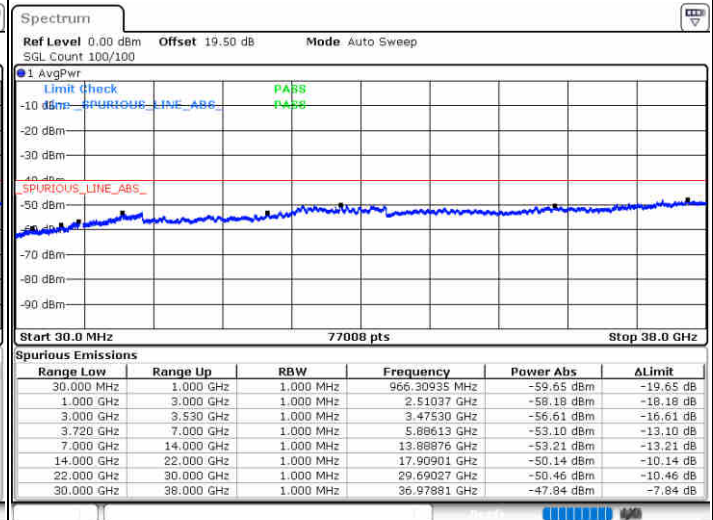
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



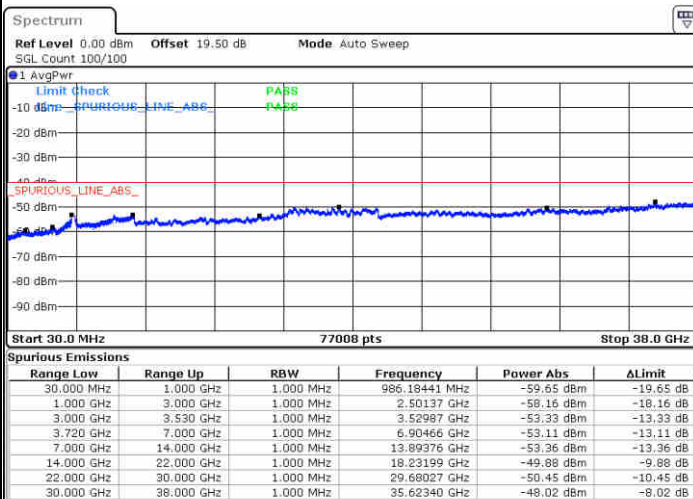
Date: 20.JUL.2020 03:48:09



Date: 20.JUL.2020 03:50:08

Middle Channel / FullIRB

N/A



Date: 20.JUL.2020 03:40:56

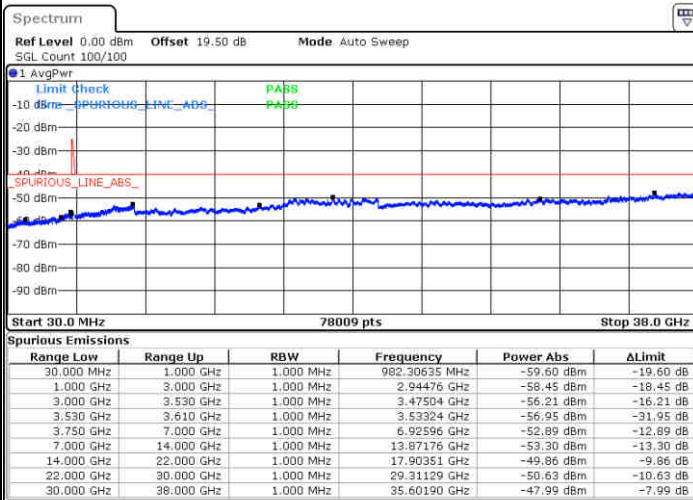


LTE Band 48C / 20MHz+10MHz

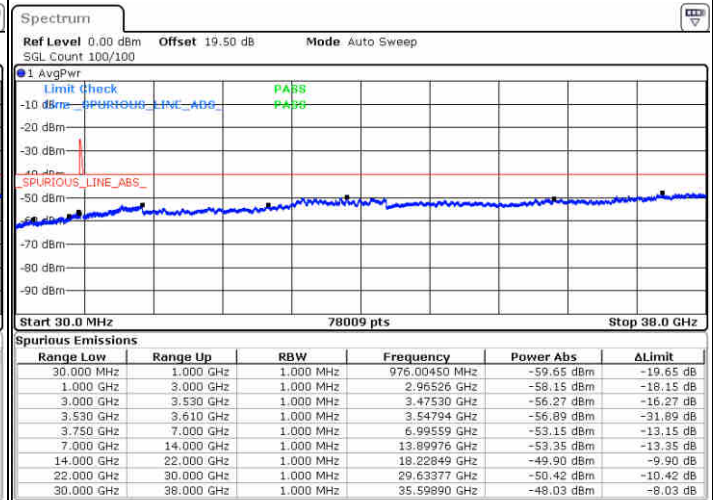
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



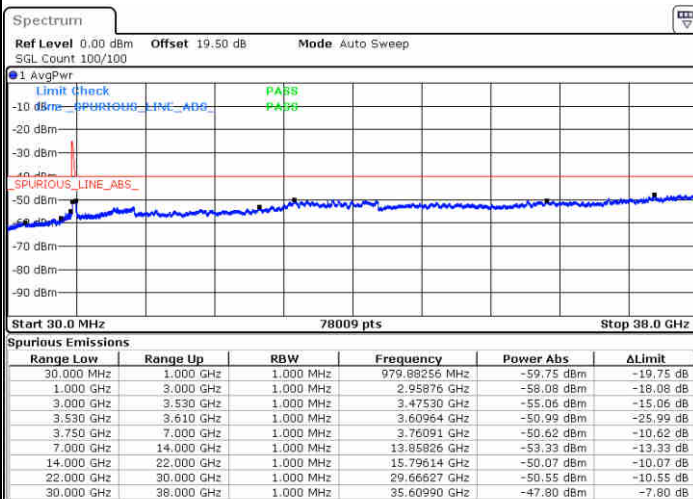
Date: 20.JUL.2020 03:14:42



Date: 20.JUL.2020 03:13:12

Highest Channel / FullIRB

N/A



Date: 20.JUL.2020 03:22:17

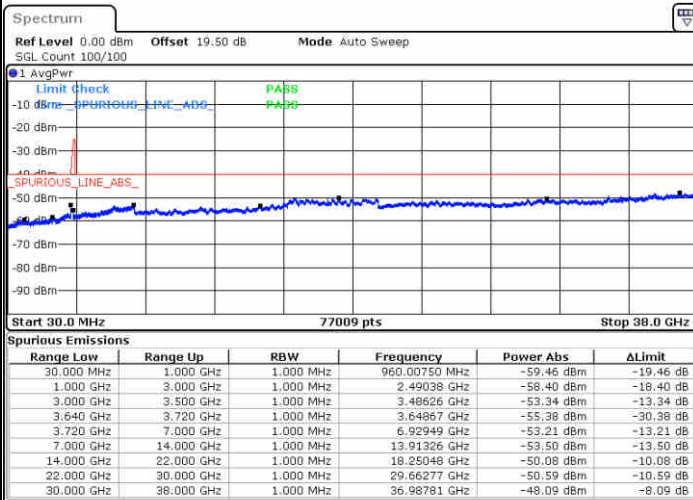


LTE Band 48C / 20MHz+15MHz

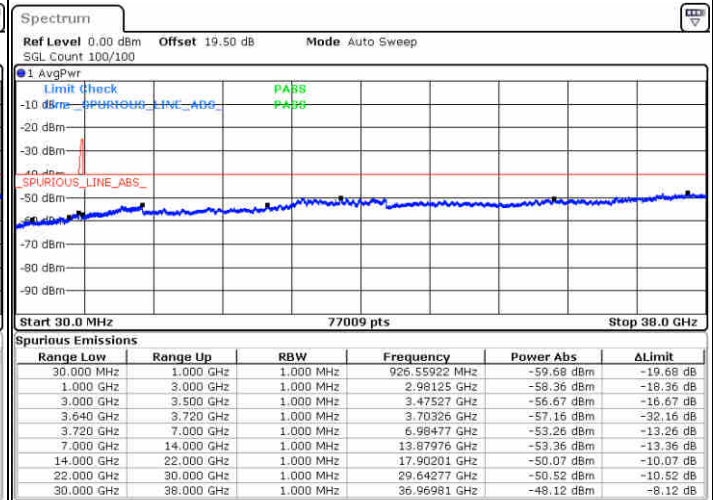
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



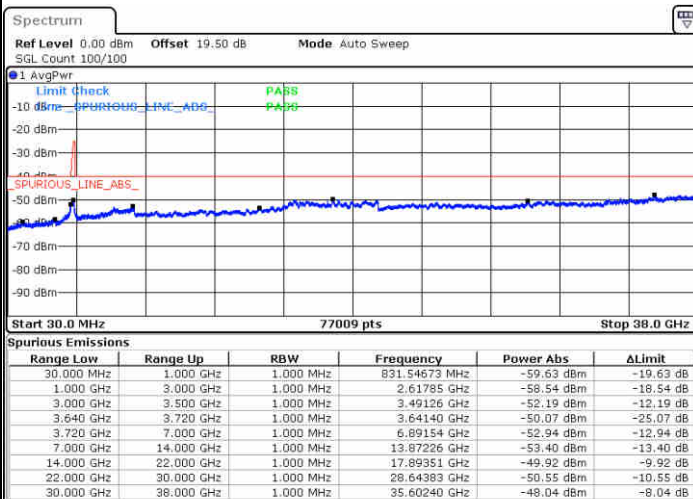
Date: 21.JUL.2020 00:17:45



Date: 21.JUL.2020 00:10:16

Lowest Channel / FullRB

N/A



Date: 21.JUL.2020 00:19:20

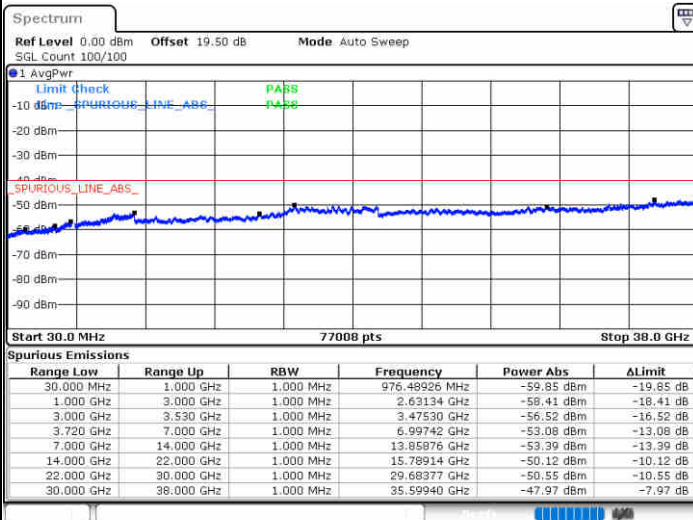


LTE Band 48C / 20MHz+15MHz

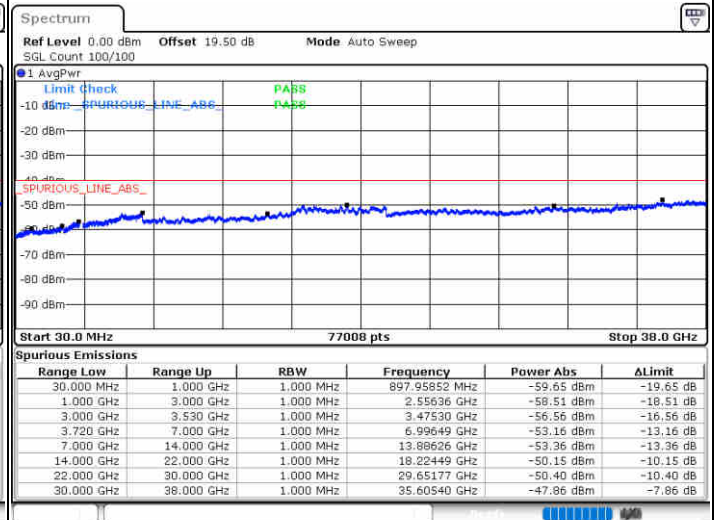
64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



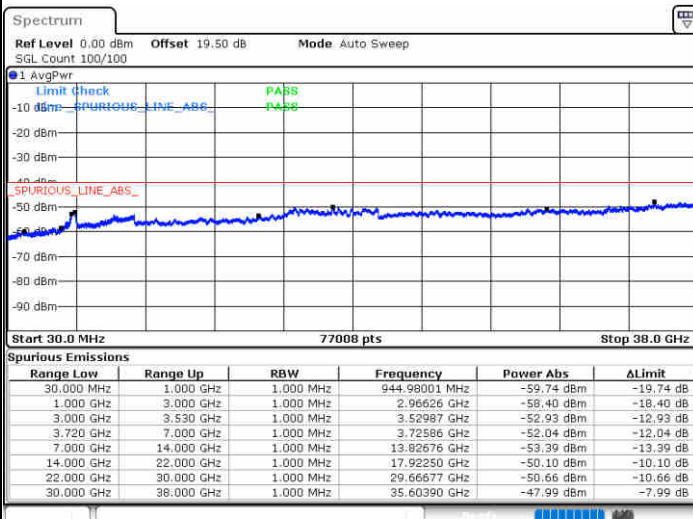
Date: 21.JUL.2020 01:33:50



Date: 21.JUL.2020 01:50:25

Middle Channel / FullIRB

N/A



Date: 21.JUL.2020 01:29:28

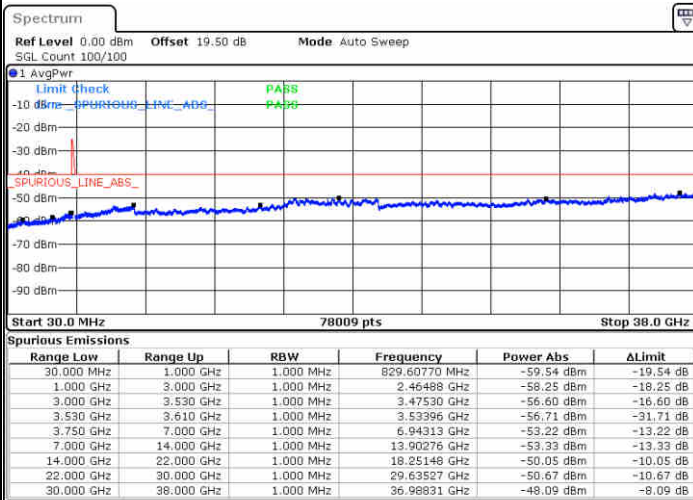


LTE Band 48C / 20MHz+15MHz

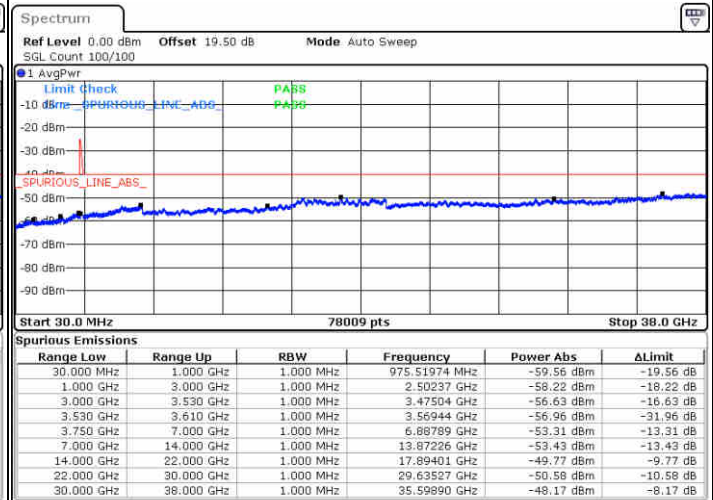
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



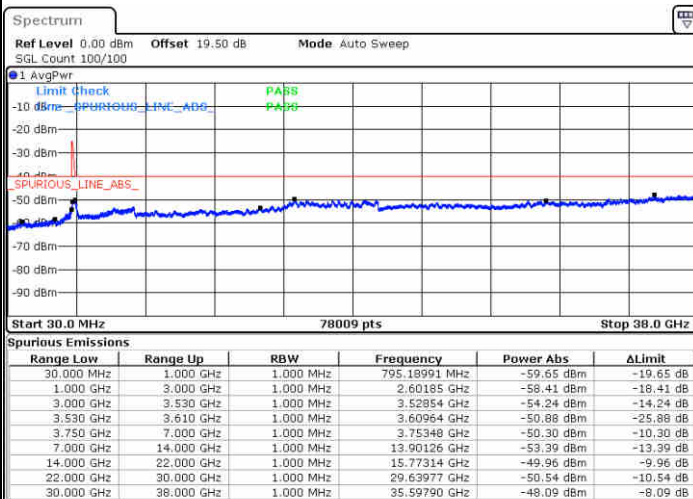
Date: 21.JUL.2020 00:47:36



Date: 21.JUL.2020 00:46:05

Highest Channel / FullIRB

N/A



Date: 21.JUL.2020 00:55:09

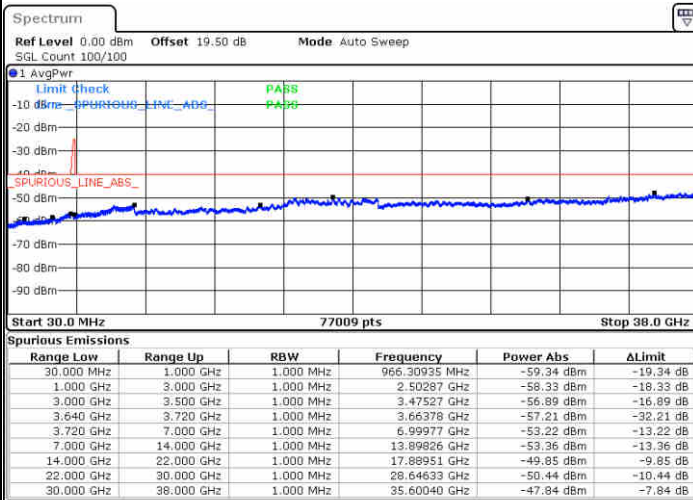


LTE Band 48C / 20MHz+20MHz

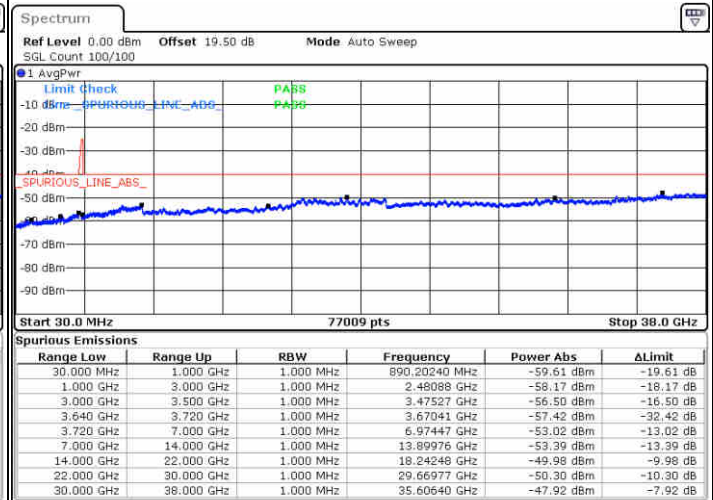
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



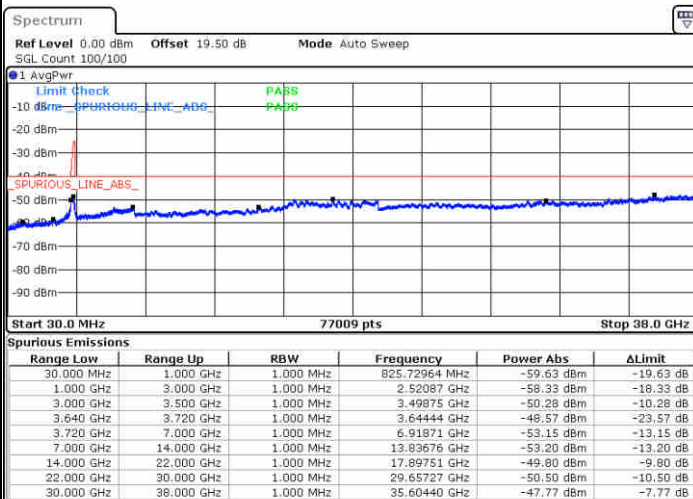
Date: 21.JUL.2020 19:45:32



Date: 21.JUL.2020 19:38:02

Lowest Channel / FullRB

N/A



Date: 21.JUL.2020 19:47:01

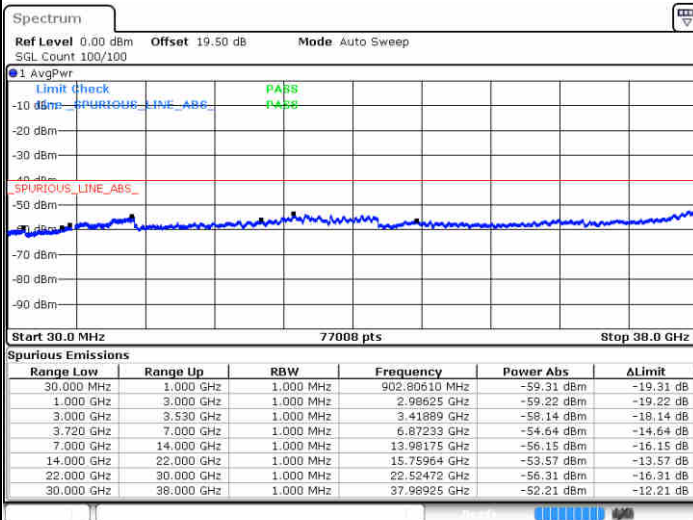


LTE Band 48C / 20MHz+20MHz

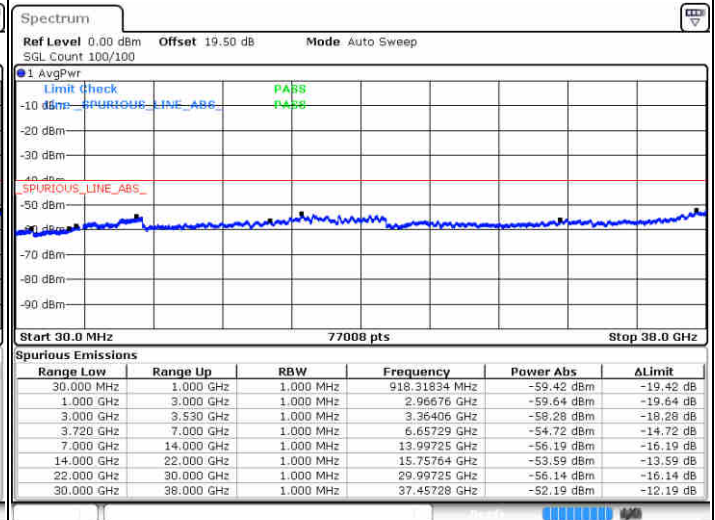
64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



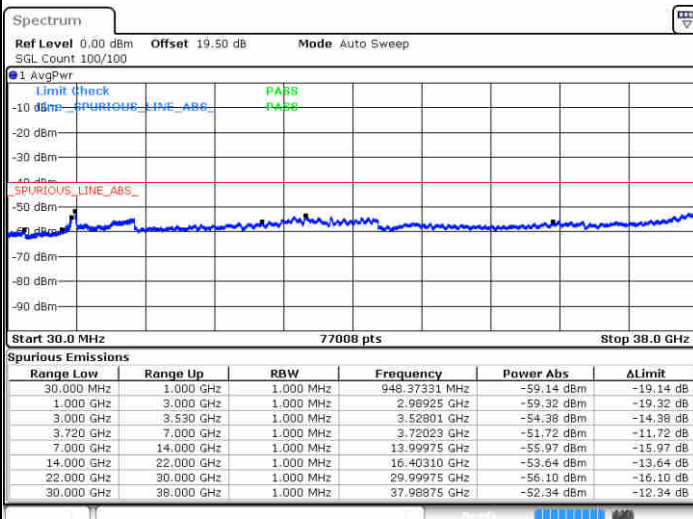
Date: 20 JUL 2020 18:11:52



Date: 20 JUL 2020 18:21:11

Middle Channel / FullIRB

N/A



Date: 20 JUL 2020 18:08:59

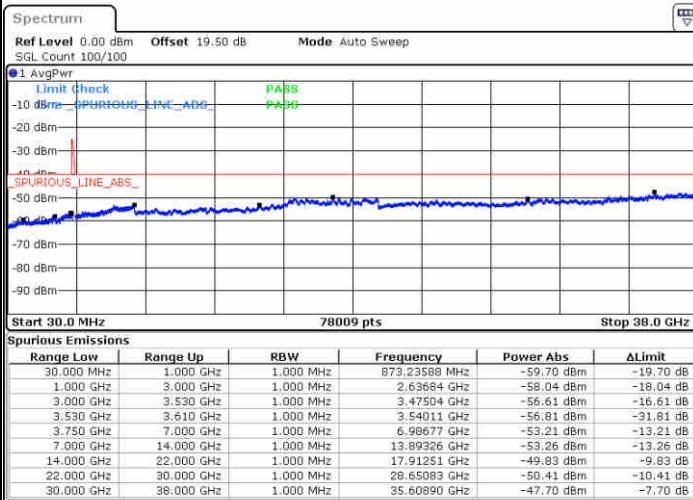


LTE Band 48C / 20MHz+20MHz

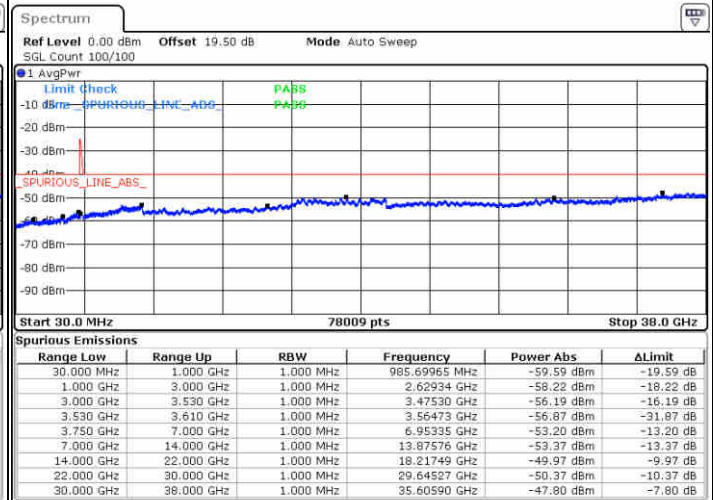
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



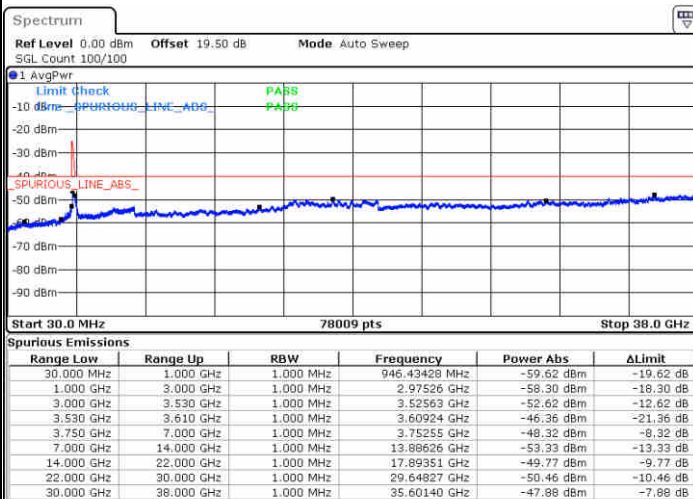
Date: 21.JUL.2020 20:19:40



Date: 21.JUL.2020 20:18:10

Highest Channel / FullIRB

N/A



Date: 21.JUL.2020 20:27:11



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	-58.00	-40	-18.00	-58.02	-61.33	8.25	11.58	H
	10653.00	-56.54	-40	-16.54	-62.01	-58.09	10.45	12.00	H
	14204.00	-55.81	-40	-15.81	-63.38	-57.52	11.74	13.45	H
	7102.00	-56.10	-40	-16.10	-56.63	-59.43	8.25	11.58	V
	10653.00	-56.39	-40	-16.39	-61.83	-57.94	10.45	12.00	V
	14204.00	-54.78	-40	-14.78	-63.50	-56.49	11.74	13.45	V
Middle	7232.00	-56.26	-40	-16.26	-56.75	-59.56	8.30	11.60	H
	10848.00	-55.68	-40	-15.68	-61.54	-57.20	10.48	12.00	H
	14464.00	-55.00	-40	-15.00	-63.08	-56.70	11.80	13.50	H
	7232.00	-54.86	-40	-14.86	-56.12	-58.16	8.30	11.60	V
	10848.00	-56.17	-40	-16.17	-62.07	-57.69	10.48	12.00	V
	14464.00	-52.21	-40	-12.21	-62.61	-53.91	11.80	13.50	V
Highest	7362.00	-58.40	-40	-18.40	-59.48	-61.72	8.30	11.62	H
	11043.00	-54.93	-40	-14.93	-61.27	-56.61	10.52	12.20	H
	14724.00	-55.88	-40	-15.88	-64.94	-57.58	11.85	13.55	H
	7362.00	-55.53	-40	-15.53	-56.52	-58.85	8.30	11.62	V
	11043.00	-55.44	-40	-15.44	-61.91	-57.12	10.52	12.20	V
	14724.00	-53.85	-40	-13.85	-64.90	-55.55	11.85	13.55	V

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



LTE Band 48C / 20MHz + 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7139.80	-50.46	-40	-10.46	-50.58	-53.79	8.25	11.58	H
	10709.70	-57.13	-40	-17.13	-62.70	-58.68	10.45	12.00	H
	14279.60	-55.74	-40	-15.74	-63.45	-57.45	11.74	13.45	H
	7139.80	-53.66	-40	-13.66	-54.46	-56.99	8.25	11.58	V
	10709.70	-57.31	-40	-17.31	-62.87	-58.86	10.45	12.00	V
	14279.60	-54.25	-40	-14.25	-63.42	-55.96	11.74	13.45	V
Middle	7262.20	-53.75	-40	-13.75	-54.32	-57.05	8.30	11.60	H
	10893.30	-56.10	-40	-16.10	-62.07	-57.62	10.48	12.00	H
	14524.40	-54.82	-40	-14.82	-63.12	-56.52	11.80	13.50	H
	7262.20	-51.26	-40	-11.26	-52.48	-54.56	8.30	11.60	V
	10893.30	-55.83	-40	-15.83	-61.86	-57.35	10.48	12.00	V
	14524.40	-51.96	-40	-11.96	-62.66	-53.66	11.80	13.50	V
Highest	7360.20	-52.58	-40	-12.58	-53.66	-55.88	8.32	11.62	H
	11040.30	-55.68	-40	-15.68	-62.02	-57.36	10.52	12.20	H
	14720.40	-54.48	-40	-14.48	-63.54	-56.18	11.85	13.55	H
	7360.20	-53.40	-40	-13.40	-54.39	-56.70	8.32	11.62	V
	11040.30	-55.77	-40	-15.77	-62.24	-57.45	10.52	12.20	V
	14720.40	-52.96	-40	-12.96	-64.01	-54.66	11.85	13.55	V

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