

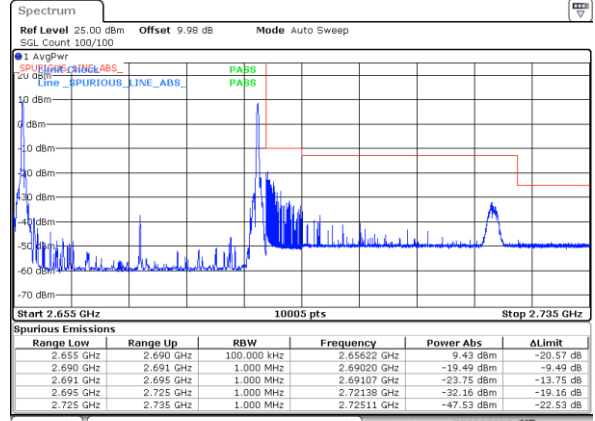
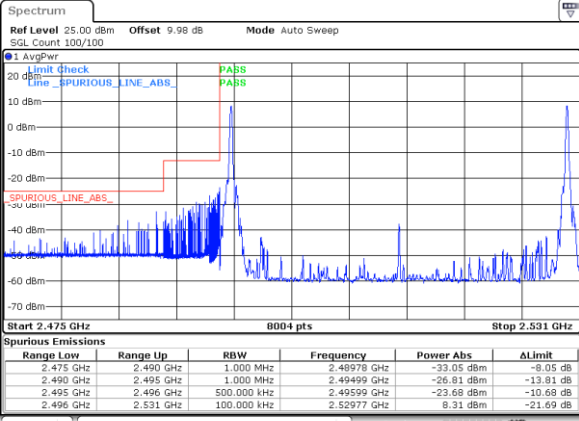


LTE Band 41C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

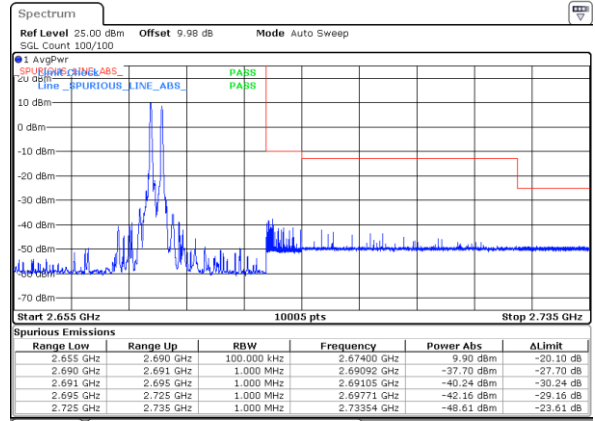
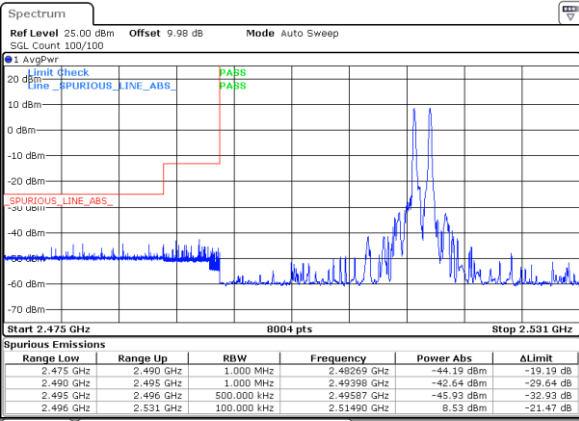


Date: 21.FEB.2024 02:18:47

Date: 21.FEB.2024 02:31:16

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

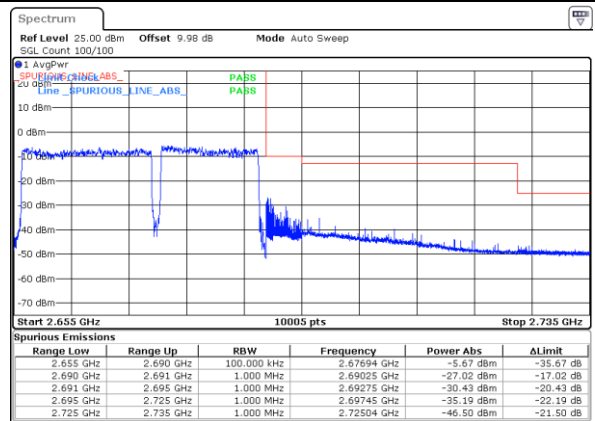
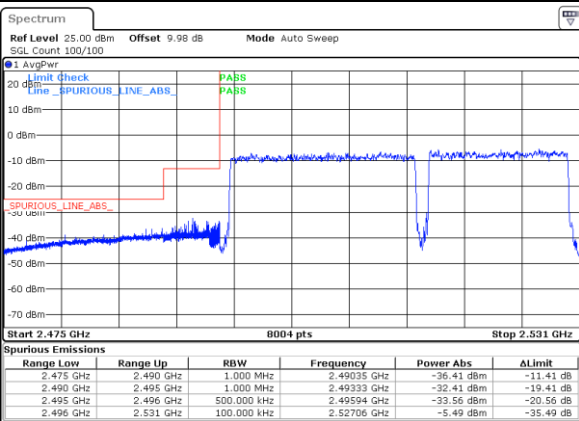


Date: 21.FEB.2024 02:15:37

Date: 21.FEB.2024 02:28:11

Lowest Bnd Edge / Full RB

Highest Band Edge / Full RB



Date: 21.FEB.2024 02:21:57

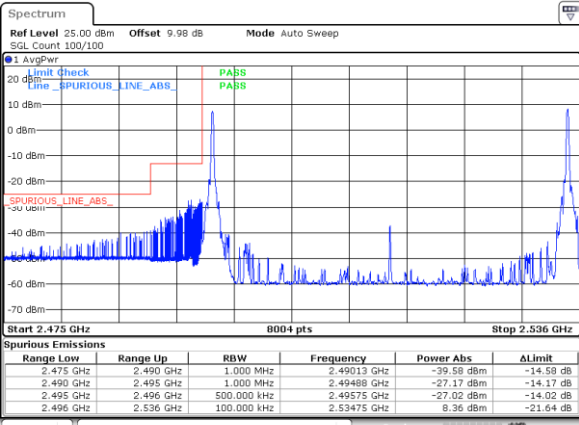
Date: 21.FEB.2024 02:34:22



LTE Band 41C / 20MHz+20MHz

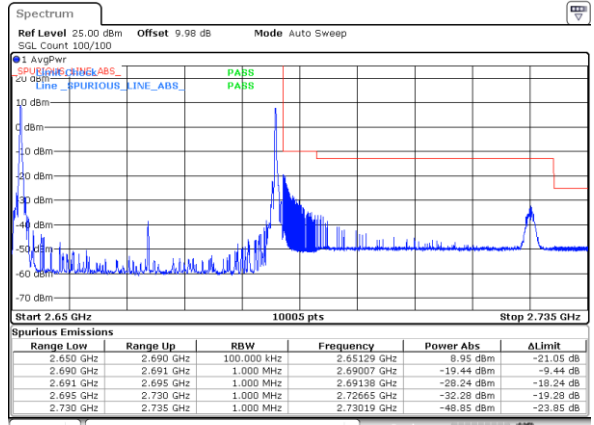
QPSK

Lowest Band Edge / 1RB0 and 1RB9



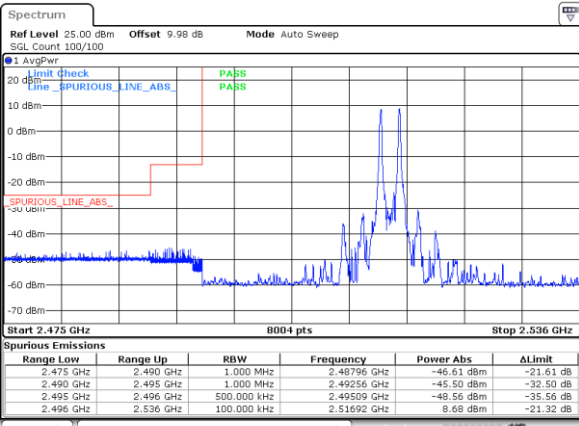
Date: 21.FEB.2024 02:19:56

Highest Band Edge / 1RB0 and 1RB9



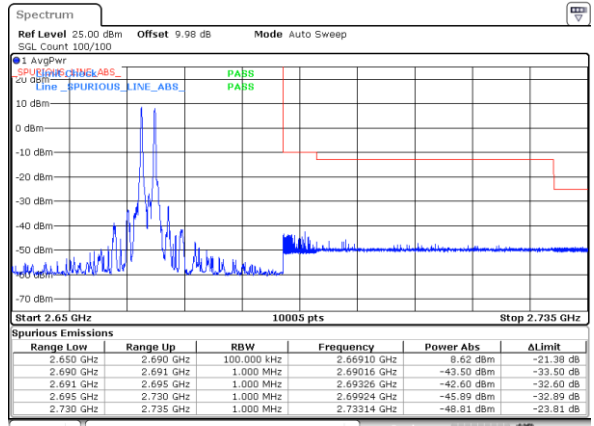
Date: 21.FEB.2024 02:52:27

Lowest Band Edge / 1RB99 and 1RB0



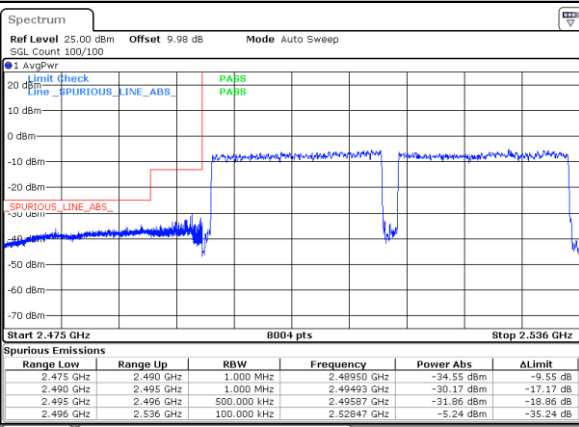
Date: 21.FEB.2024 02:36:46

Highest Band Edge / 1RB99 and 1RB0



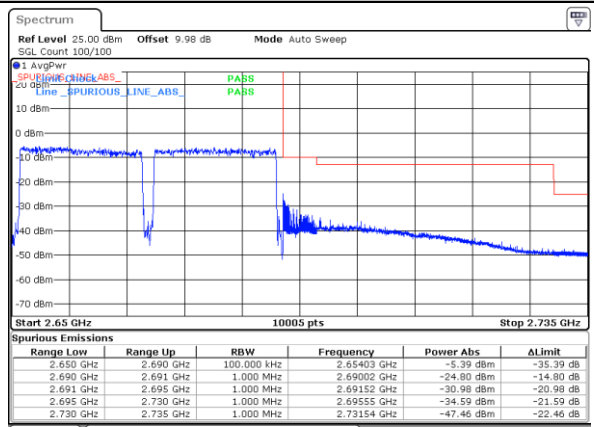
Date: 21.FEB.2024 02:49:22

Lowest Band Edge / Full RB



Date: 21.FEB.2024 02:43:05

Highest Band Edge / Full RB



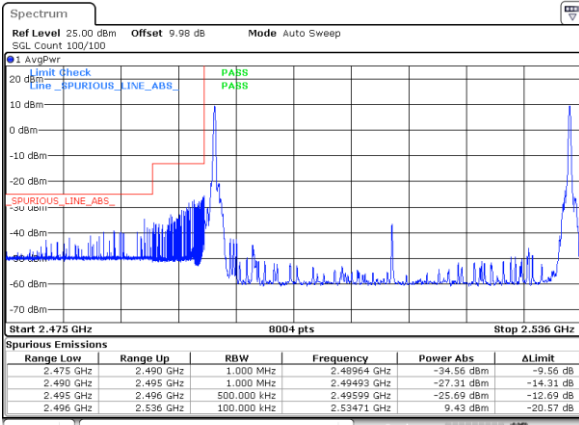
Date: 21.FEB.2024 02:55:31



LTE Band 41C / 20MHz+20MHz

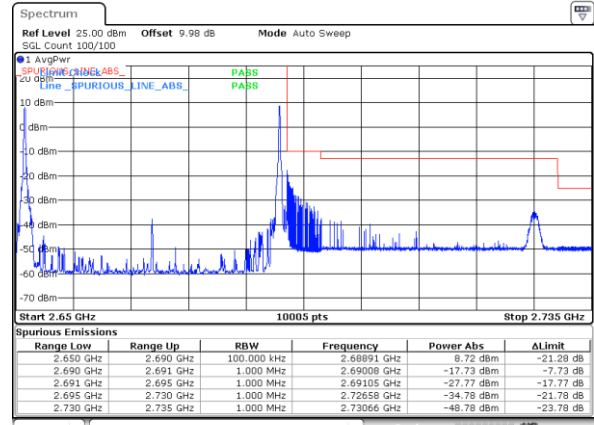
16QAM

Lowest Band Edge / 1RB0 and 1RB9



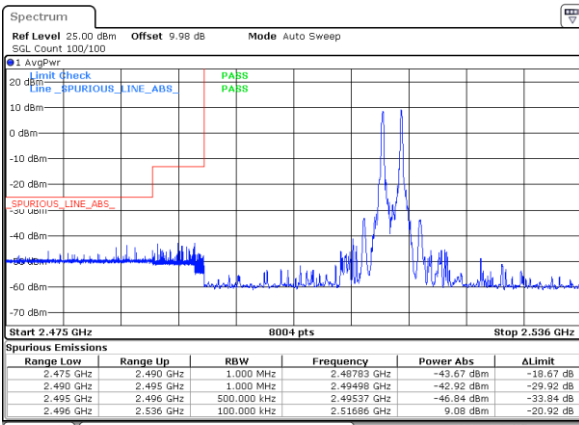
Date: 21.FEB.2024 02:40:43

Highest Band Edge / 1RB0 and 1RB9



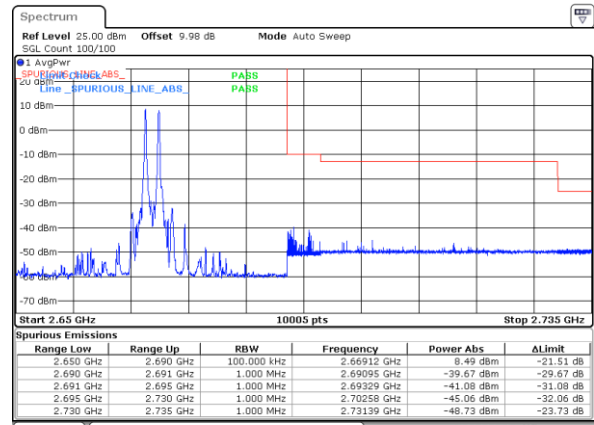
Date: 21.FEB.2024 02:53:12

Lowest Band Edge / 1RB99 and 1RB0



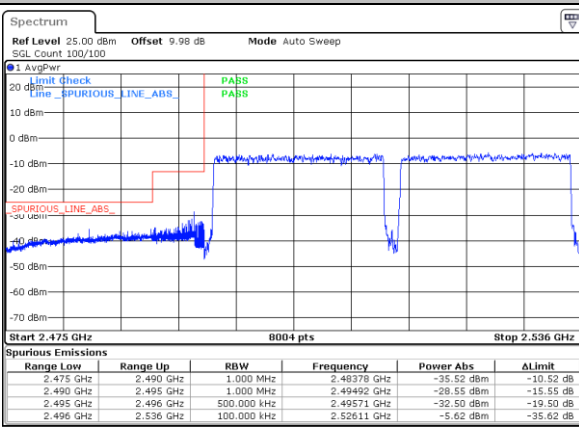
Date: 21.FEB.2024 02:37:34

Highest Band Edge / 1RB99 and 1RB0



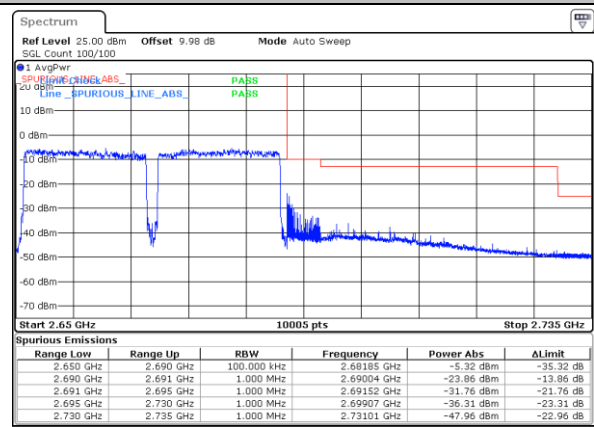
Date: 21.FEB.2024 02:50:08

Lowest Band Edge / Full RB



Date: 21.FEB.2024 02:43:53

Highest Band Edge / Full RB



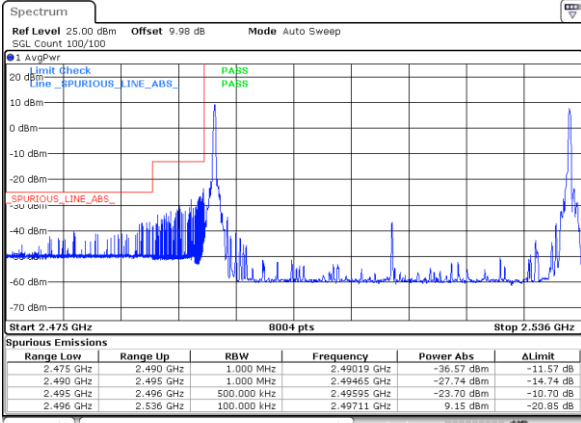
Date: 21.FEB.2024 02:56:17



LTE Band 41C / 20MHz+20MHz

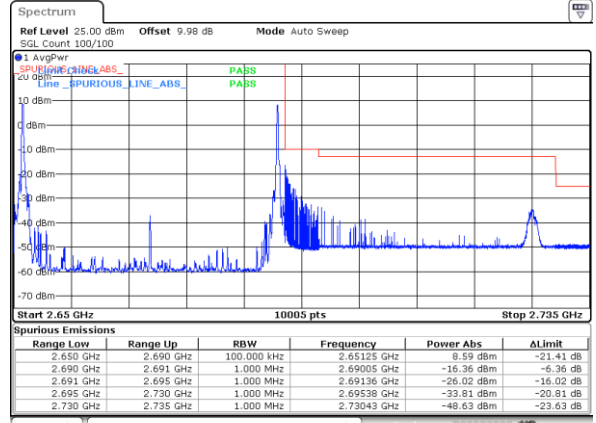
64QAM

Lowest Band Edge / 1RB0 and 1RB9



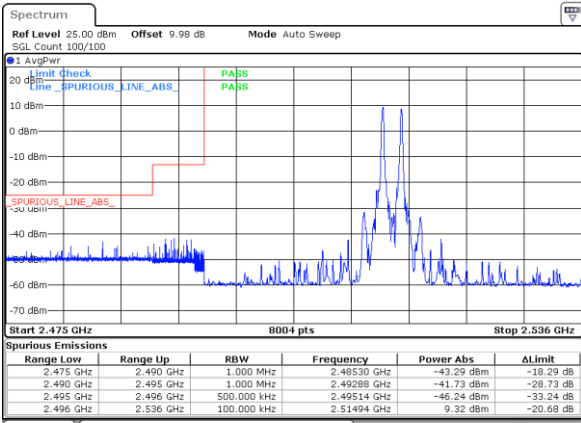
Date: 21.FEB.2024 02:41:30

Highest Band Edge / 1RB0 and 1RB9



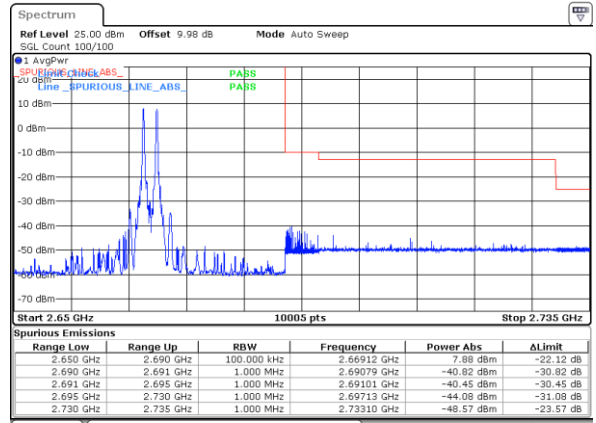
Date: 21.FEB.2024 02:53:59

Lowest Band Edge / 1RB99 and 1RB0



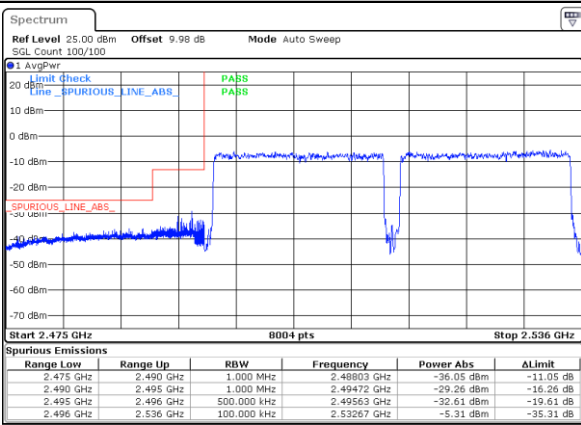
Date: 21.FEB.2024 02:38:22

Highest Band Edge / 1RB99 and 1RB0



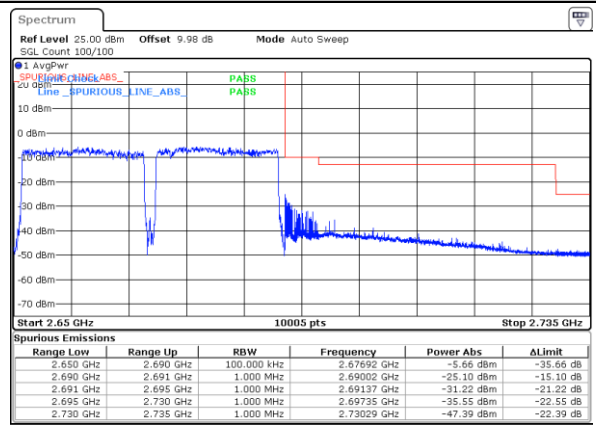
Date: 21.FEB.2024 02:50:55

Lowest Band Edge / Full RB



Date: 21.FEB.2024 02:44:40

Highest Band Edge / Full RB



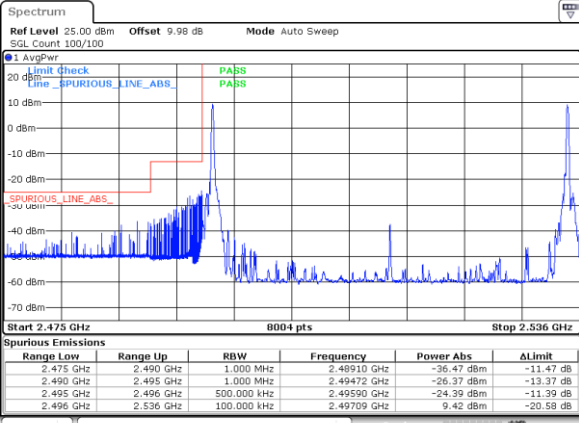
Date: 21.FEB.2024 02:57:02



LTE Band 41C / 20MHz+20MHz

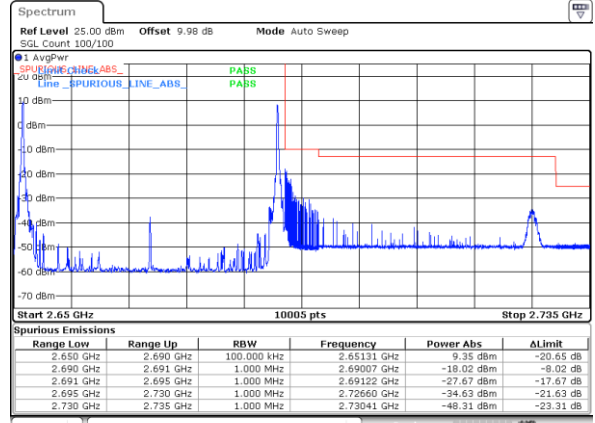
256QAM

Lowest Band Edge / 1RB0 and 1RB9



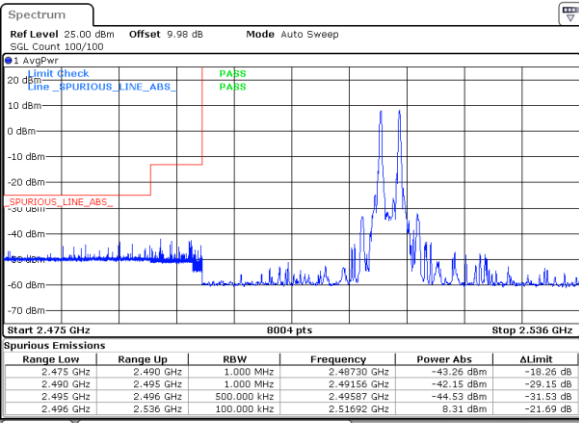
Date: 21.FEB.2024 02:42:17

Highest Band Edge / 1RB0 and 1RB9



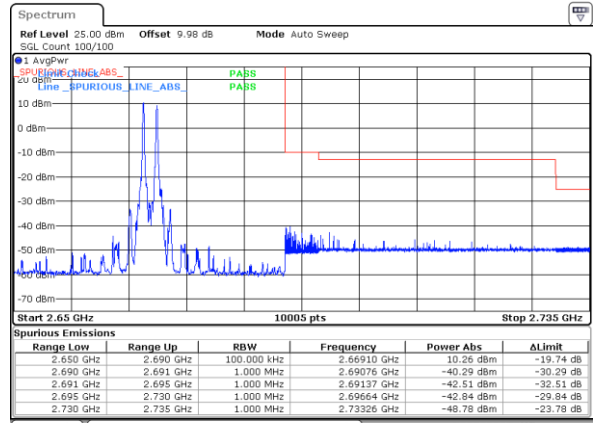
Date: 21.FEB.2024 02:54:44

Lowest Band Edge / 1RB99 and 1RB0



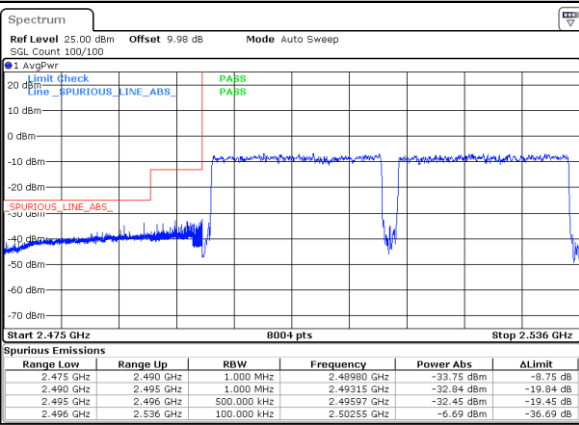
Date: 21.FEB.2024 02:39:09

Highest Band Edge / 1RB99 and 1RB0



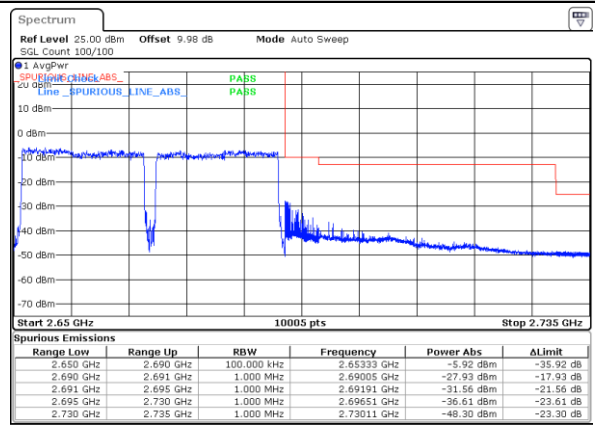
Date: 21.FEB.2024 02:51:41

Lowest Band Edge / Full RB



Date: 21.FEB.2024 02:45:27

Highest Band Edge / Full RB



Date: 21.FEB.2024 02:57:48

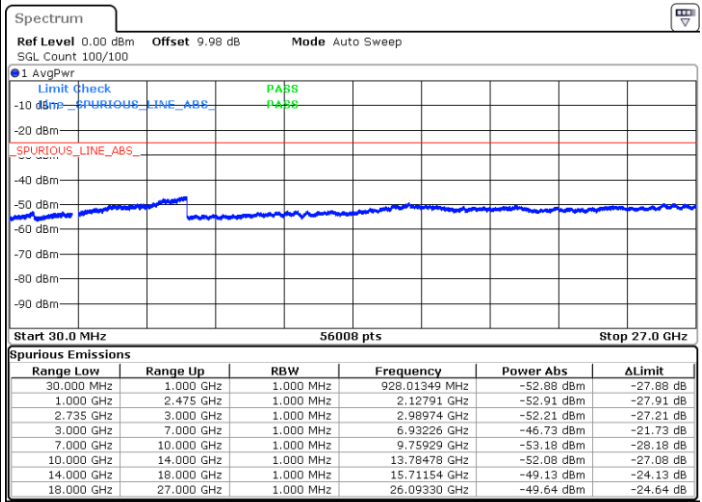
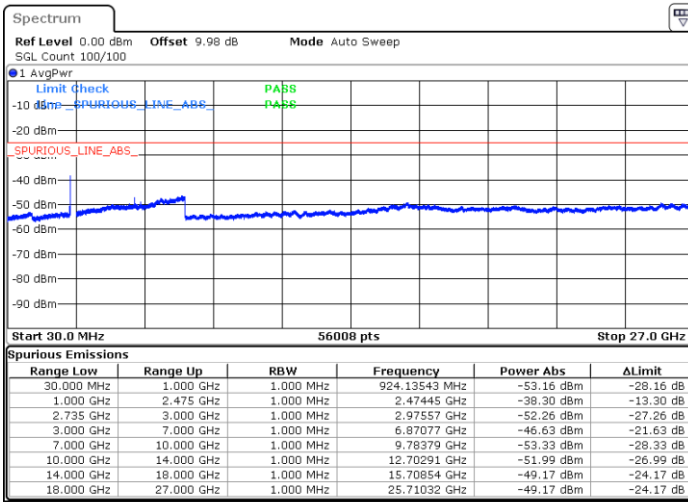


Conducted Spurious Emission

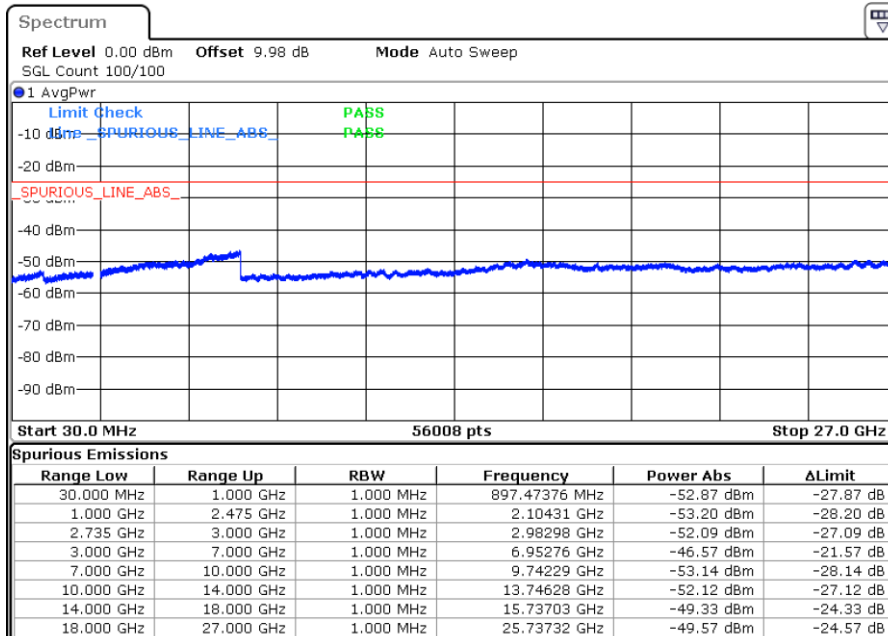
LTE Band 41C / 5MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

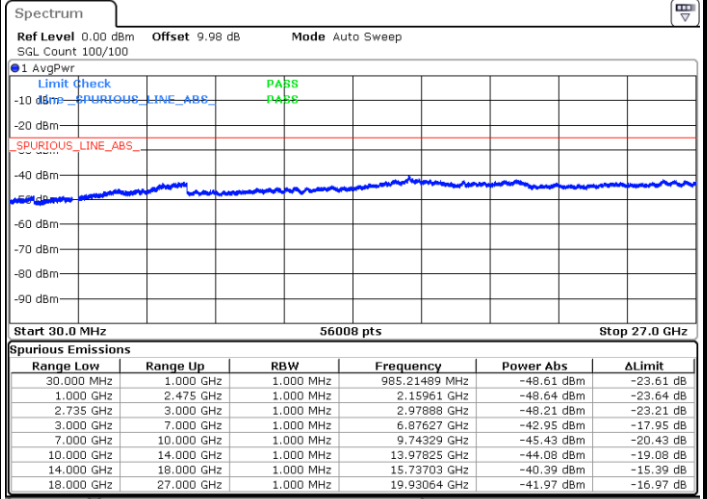
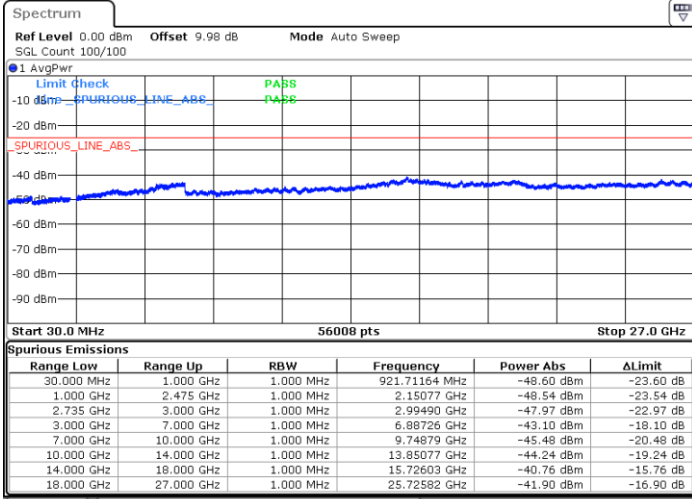




LTE Band 41C / 10MHz+15MHz

Lowest Channel / QPSK

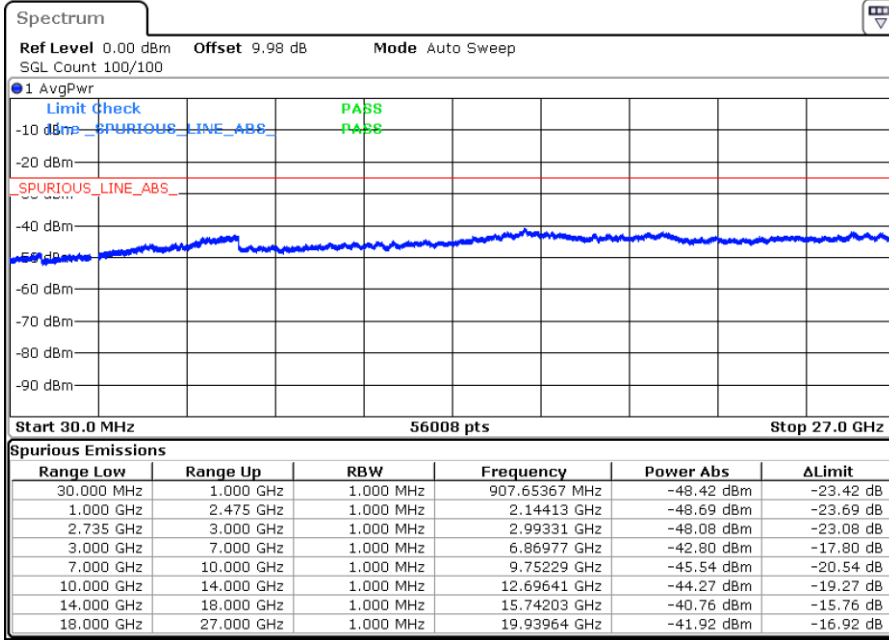
Middle Channel / QPSK



Date: 20.FEB.2024 22:39:06

Date: 20.FEB.2024 22:50:07

Highest Channel / QPSK



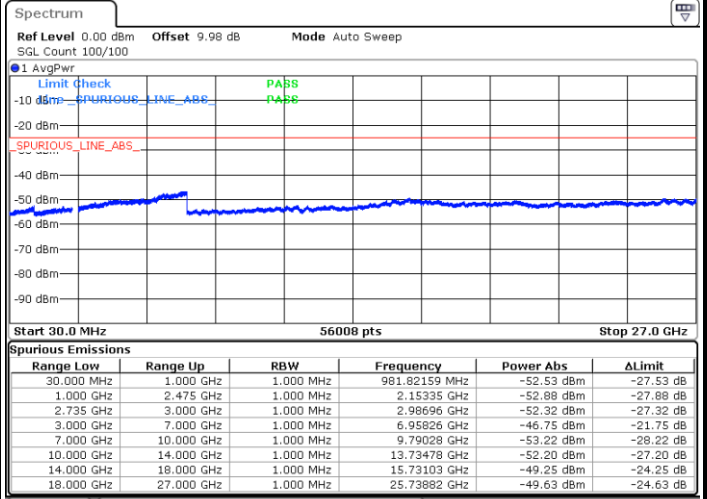
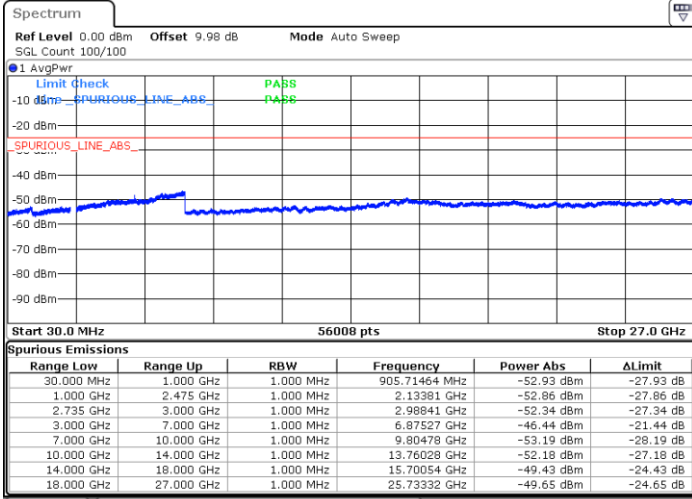
Date: 20.FEB.2024 22:51:42



LTE Band 41C / 10MHz+20MHz

Lowest Channel / QPSK

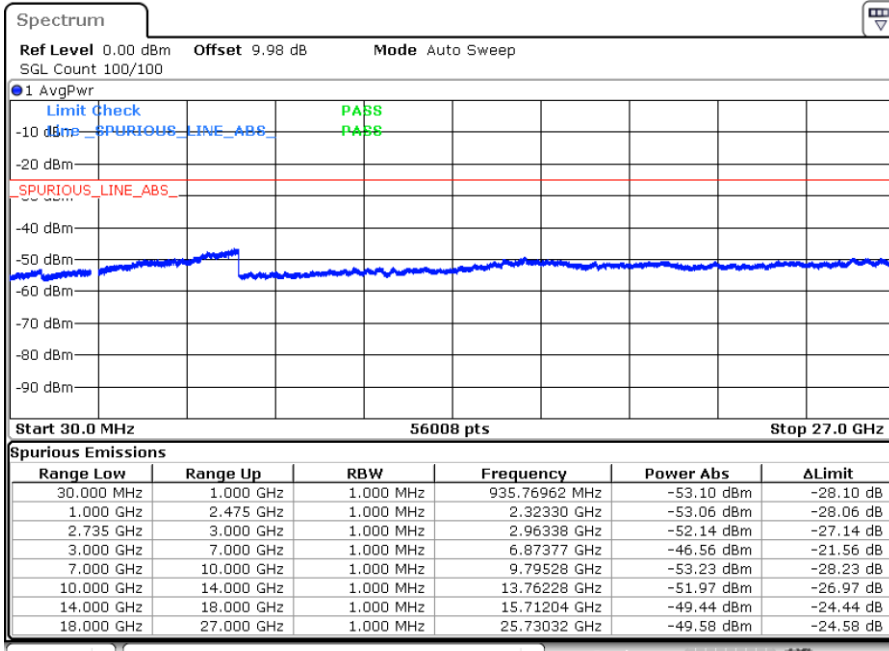
Middle Channel / QPSK



Date: 20.FEB.2024 23:02:38

Date: 20.FEB.2024 23:17:46

Highest Channel / QPSK



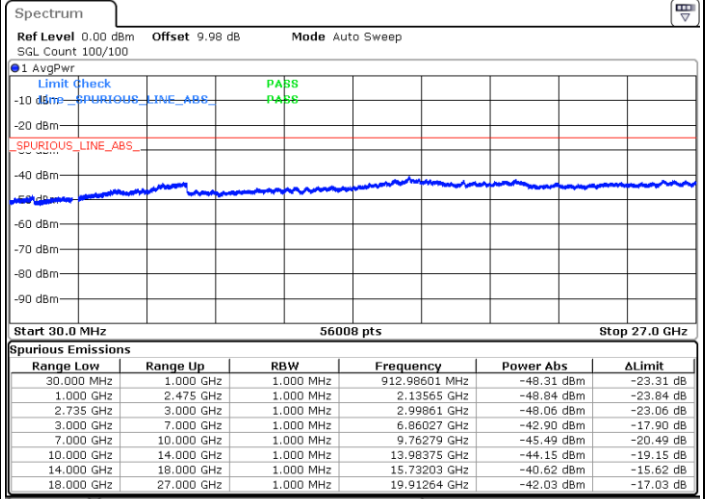
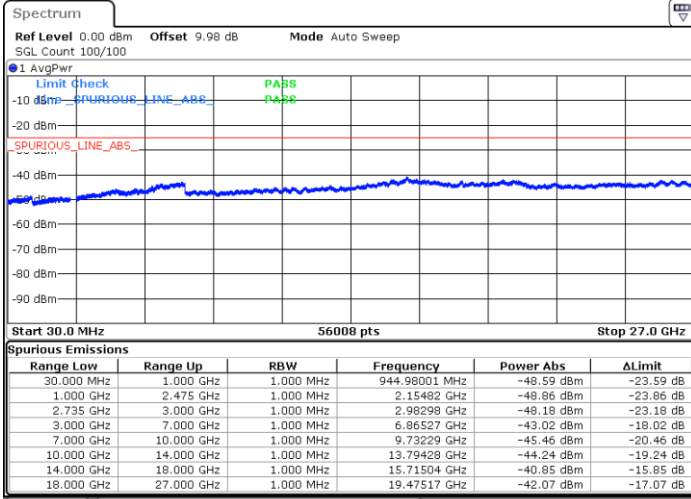
Date: 20.FEB.2024 23:19:21



LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

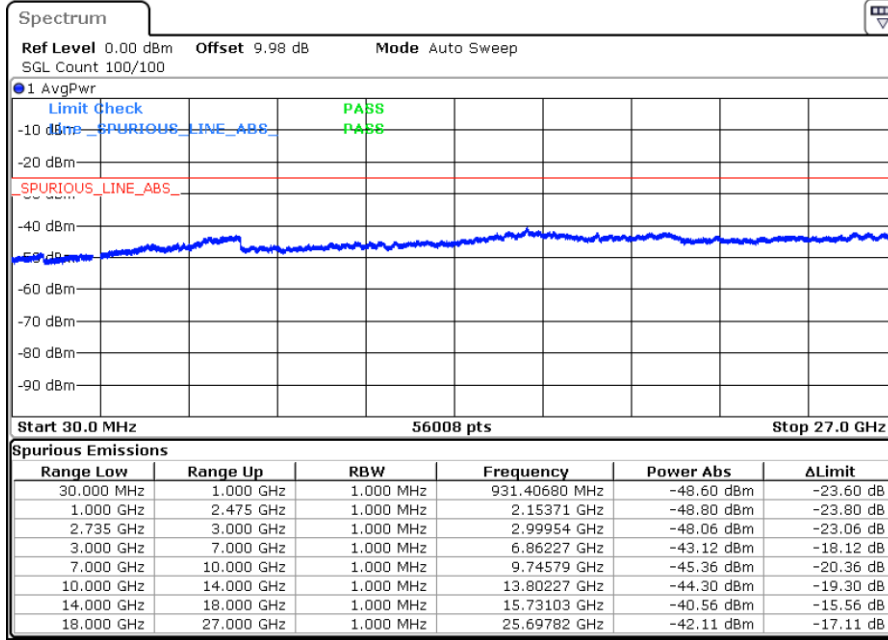
Middle Channel / QPSK



Date: 20.FEB.2024 23:31:25

Date: 20.FEB.2024 23:42:27

Highest Channel / QPSK



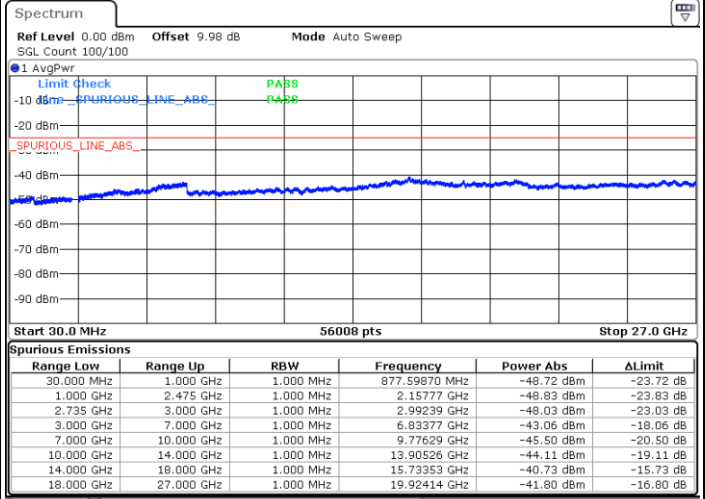
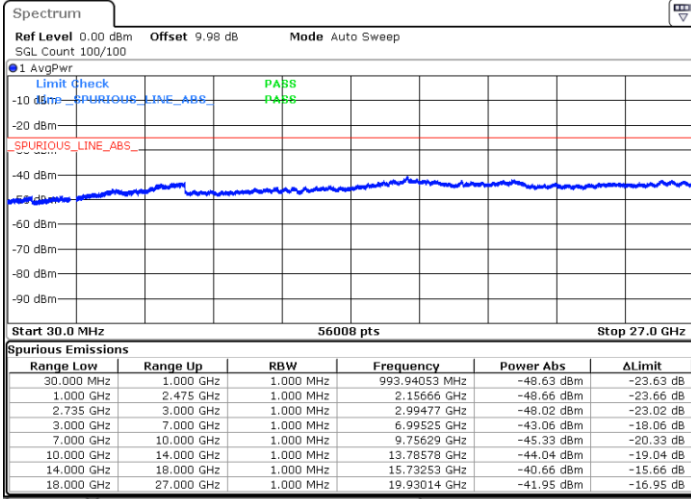
Date: 20.FEB.2024 23:44:02



LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

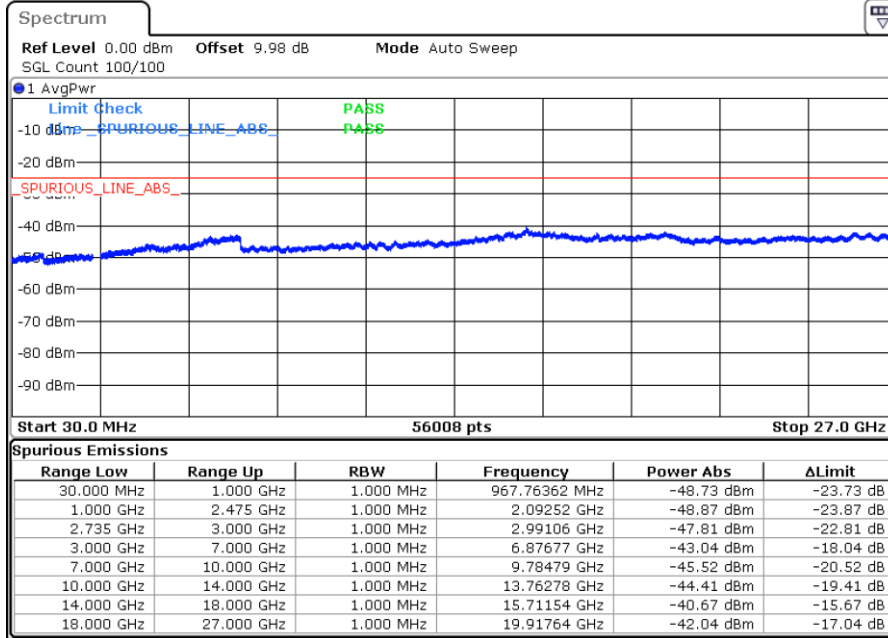
Middle Channel / QPSK



Date: 20.FEB.2024 23:55:00

Date: 21.FEB.2024 00:46:08

Highest Channel / QPSK



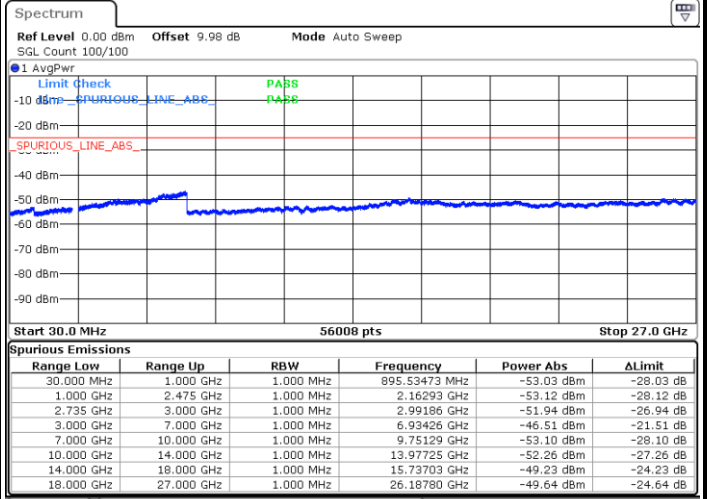
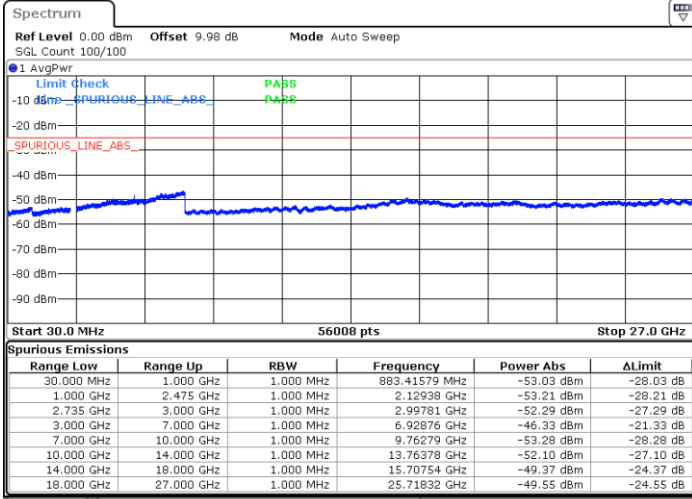
Date: 21.FEB.2024 00:47:43



LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

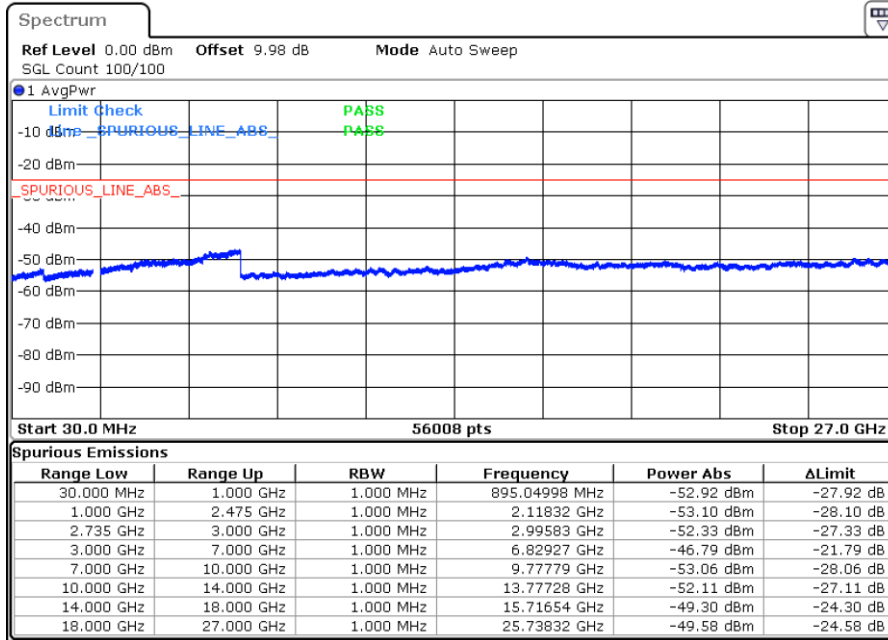
Middle Channel / QPSK



Date: 21.FEB.2024 00:58:37

Date: 21.FEB.2024 01:09:39

Highest Channel / QPSK



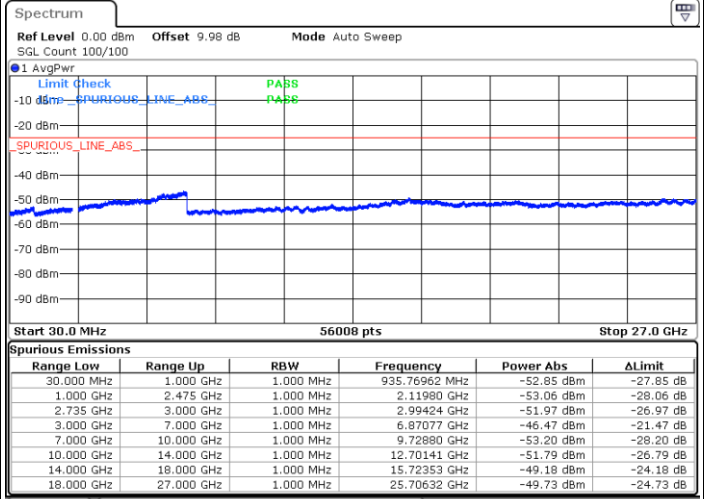
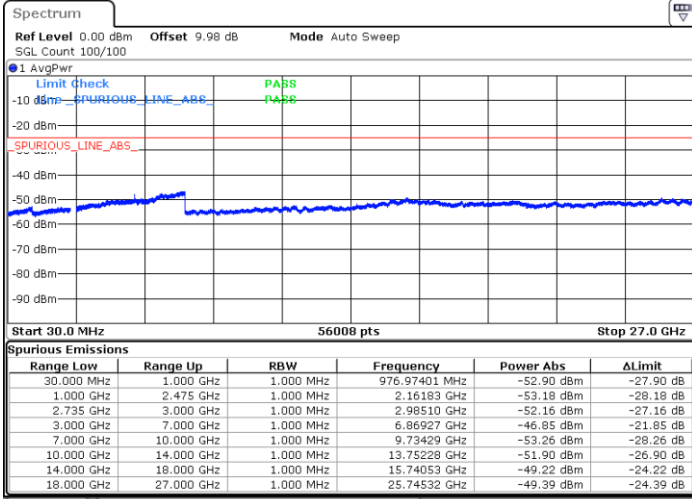
Date: 21.FEB.2024 01:11:13



LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

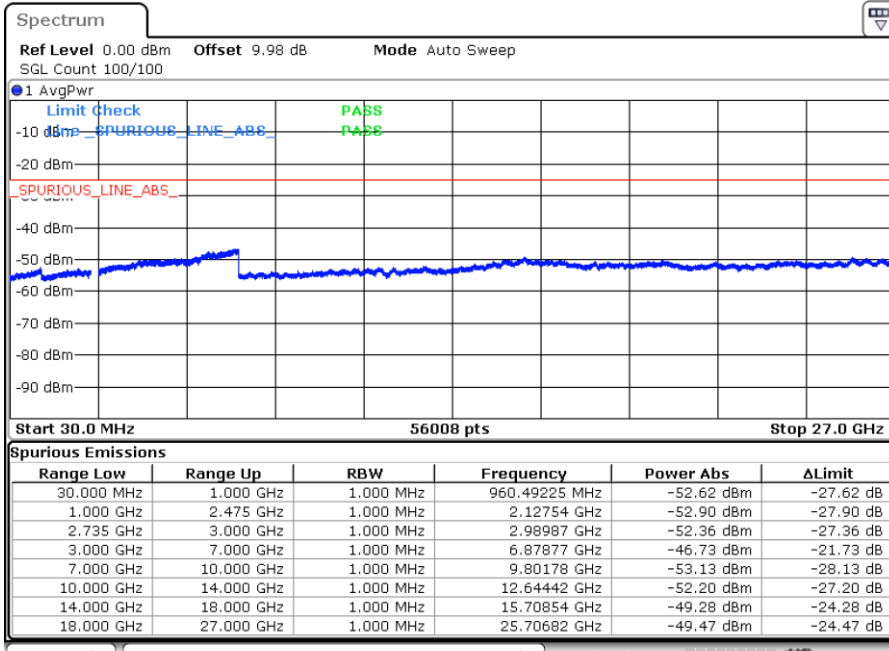
Middle Channel / QPSK



Date: 21.FEB.2024 01:25:42

Date: 21.FEB.2024 01:36:40

Highest Channel / QPSK



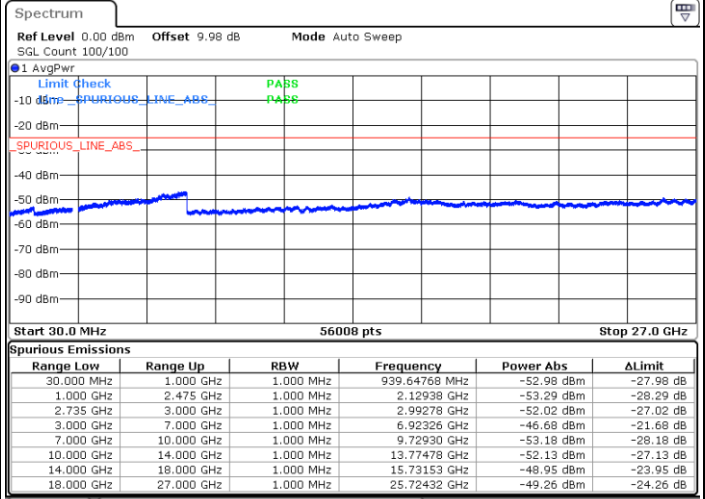
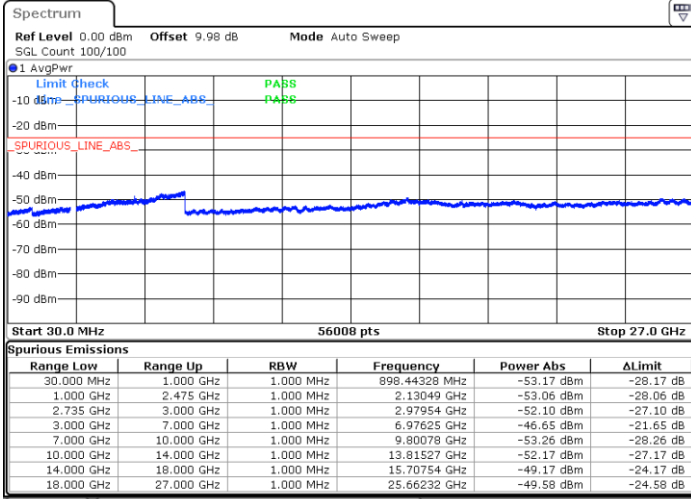
Date: 21.FEB.2024 01:38:14



LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

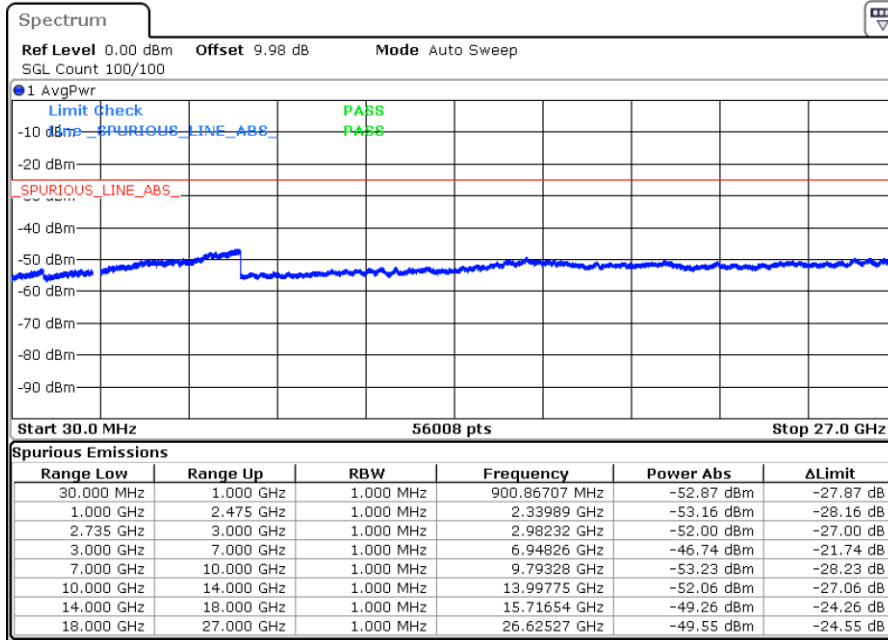
Middle Channel / QPSK



Date: 21.FEB.2024 01:49:03

Date: 21.FEB.2024 02:00:05

Highest Channel / QPSK



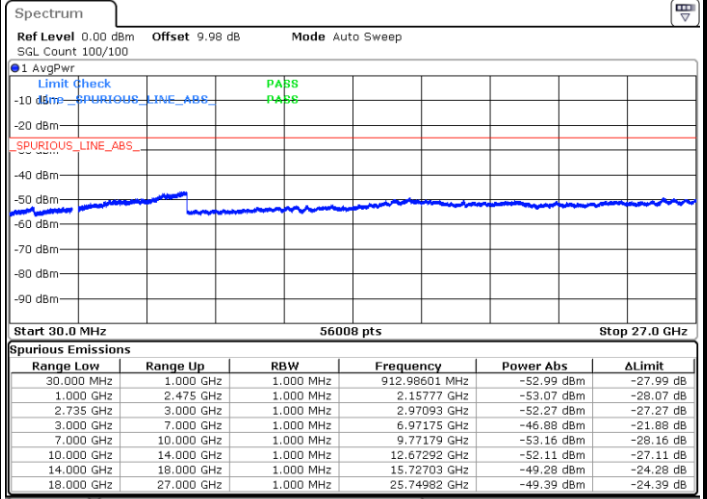
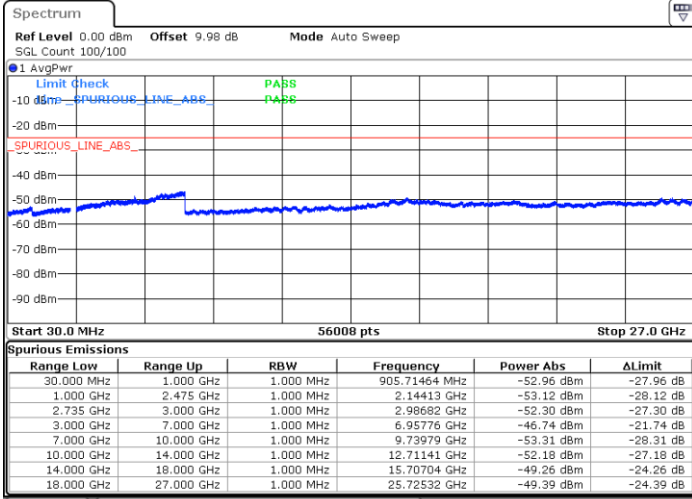
Date: 21.FEB.2024 02:01:40



LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

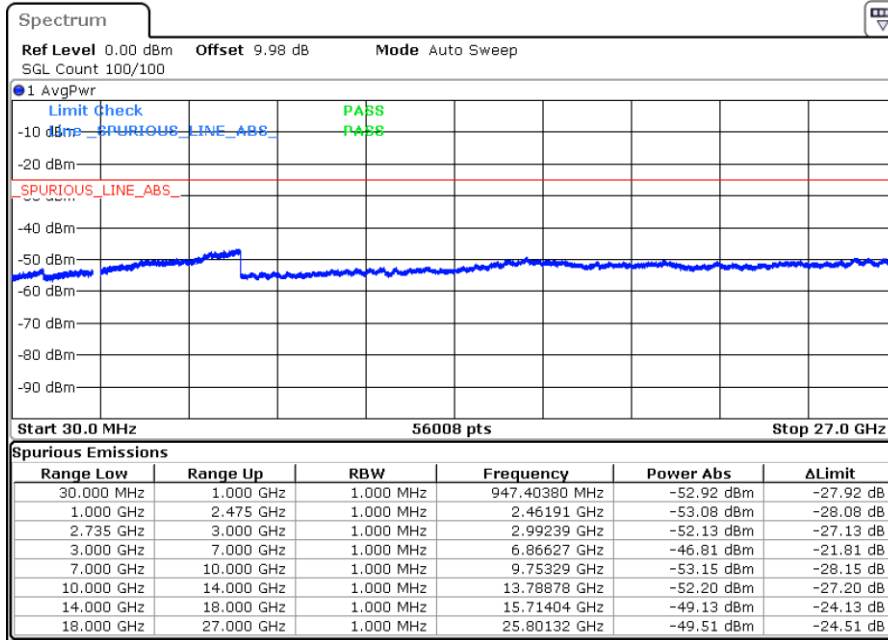
Middle Channel / QPSK



Date: 21.FEB.2024 02:12:27

Date: 21.FEB.2024 02:23:32

Highest Channel / QPSK



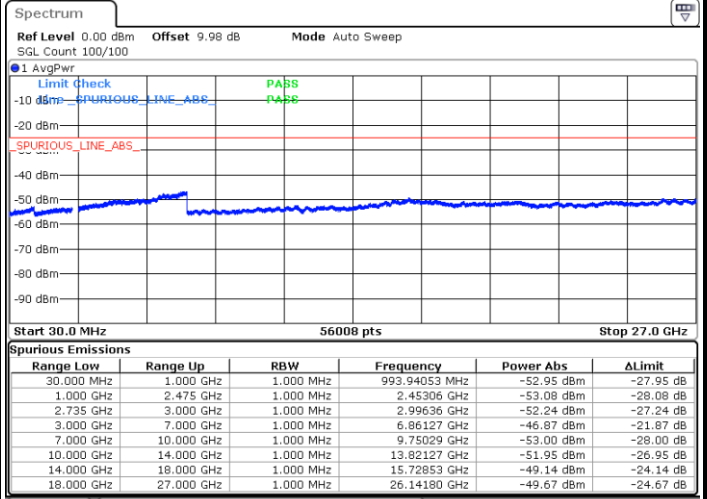
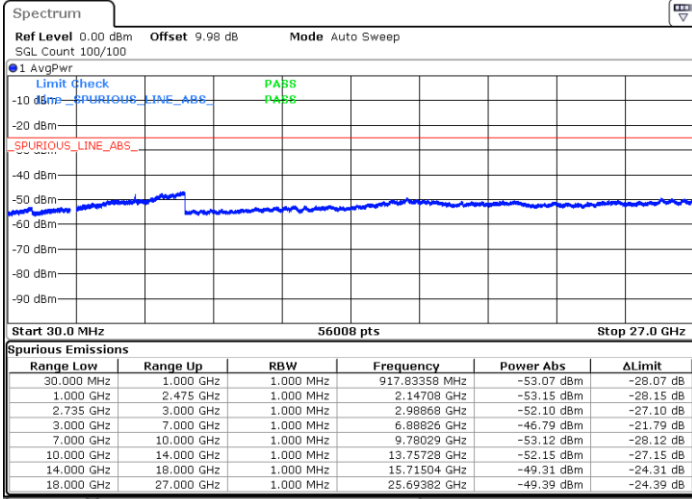
Date: 21.FEB.2024 02:25:06



LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

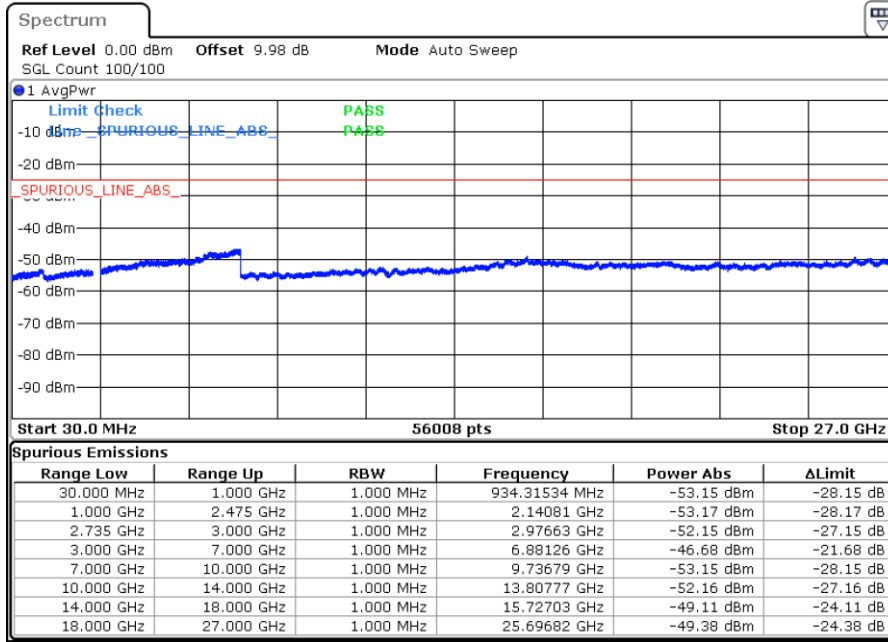
Middle Channel / QPSK



Date: 21.FEB.2024 02:35:58

Date: 21.FEB.2024 02:47:02

Highest Channel / QPSK



Date: 21.FEB.2024 02:48:36



Frequency Stability

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0122	PASS
40	Normal Voltage	0.0175	
30	Normal Voltage	0.0134	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0161	
0	Normal Voltage	0.0124	
-10	Normal Voltage	0.0129	
-20	Normal Voltage	0.0147	
-30	Normal Voltage	0.0089	
20	Maximum Voltage	0.0172	
20	Normal Voltage	0.0134	
20	Battery End Point	0.0129	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5 V
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake Zhou	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 41(Main PA) / 20MHz / QPSK/ ANT1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5162	-54.67	-25	-29.67	-64.88	3.03	13.24	H
	7752	-45.71	-25	-20.71	-55.16	3.56	13.01	H
	10342	-61.01	-25	-36.01	-70.53	3.92	13.44	H
	5162	-54.21	-25	-29.21	-64.42	3.03	13.24	V
	7752	-42.12	-25	-17.12	-51.57	3.56	13.01	V
	10342	-60.70	-25	-35.70	-70.22	3.92	13.44	V

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

LTE Band 41(Other PA) / 20MHz / QPSK/ ANT4								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5162	-53.90	-25	-28.90	-64.11	3.03	13.24	H
	7752	-45.04	-25	-20.04	-54.49	3.56	13.01	H
	10342	-59.84	-25	-34.84	-69.36	3.92	13.44	H
	5162	-53.49	-25	-28.49	-63.70	3.03	13.24	V
	7752	-41.90	-25	-16.90	-51.35	3.56	13.01	V
	10342	-60.78	-25	-35.78	-70.30	3.92	13.44	V

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

LTE Band 71 / 20MHz / QPSK/ ANTO								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1352	-68.83	-13	-55.83	-70.58	1.02	4.92	H
	2024	-64.14	-13	-51.14	-66.11	1.27	5.39	H
	2696	-60.53	-13	-47.53	-63.46	1.49	6.57	H
	1352	-68.00	-13	-55.00	-69.75	1.02	4.92	V
	2024	-62.89	-13	-49.89	-64.86	1.27	5.39	V
	2696	-59.88	-13	-46.88	-62.81	1.49	6.57	V

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



LTE Band 41C / 20+20MHz / QPSK/ ANT1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5148	-61.57	-25	-36.57	-71.78	3.03	13.24	H
	7724	-48.30	-25	-23.30	-57.75	3.56	13.01	H
	10300	-61.15	-25	-36.15	-70.67	3.92	13.44	H
	5148	-57.72	-25	-32.72	-67.93	3.03	13.24	V
	7724	-51.20	-25	-26.20	-60.65	3.56	13.01	V
	10300	-61.10	-25	-36.10	-70.62	3.92	13.44	V
	5190	-64.22	-25	-39.22	-74.43	3.03	13.24	H
	7780	-58.04	-25	-33.04	-67.49	3.56	13.01	H
	10370	-60.55	-25	-35.55	-70.07	3.92	13.44	H
	5190	-60.54	-25	-35.54	-70.75	3.03	13.24	V
	7780	-59.99	-25	-34.99	-69.44	3.56	13.01	V
	10370	-61.18	-25	-36.18	-70.70	3.92	13.44	V

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