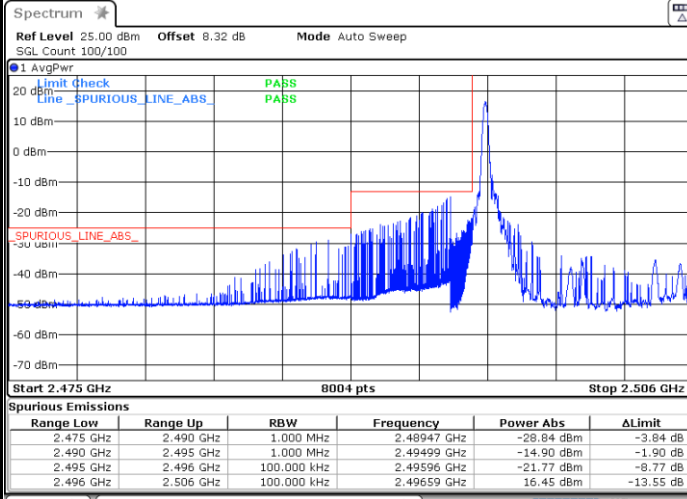




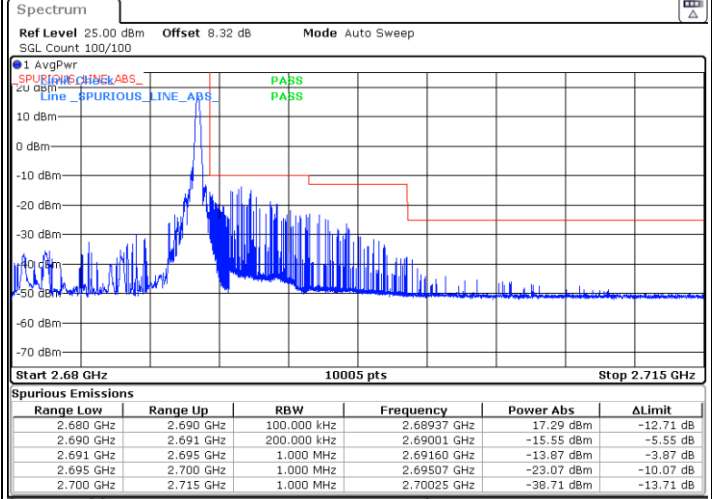
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



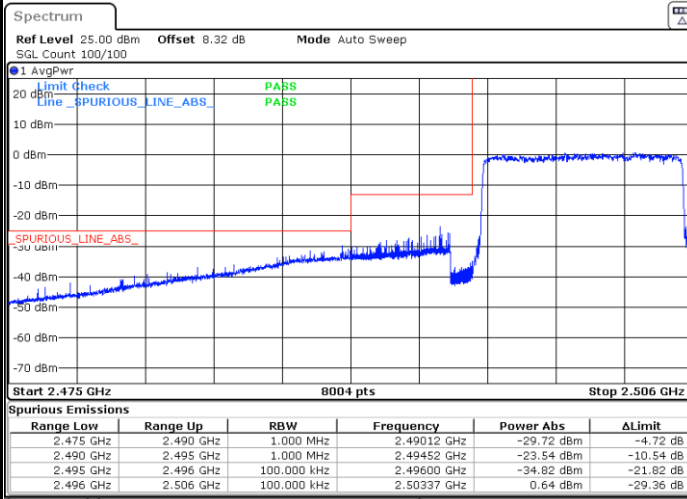
Date: 31.MAY.2024 04:42:14

Highest Band Edge / 1 RB



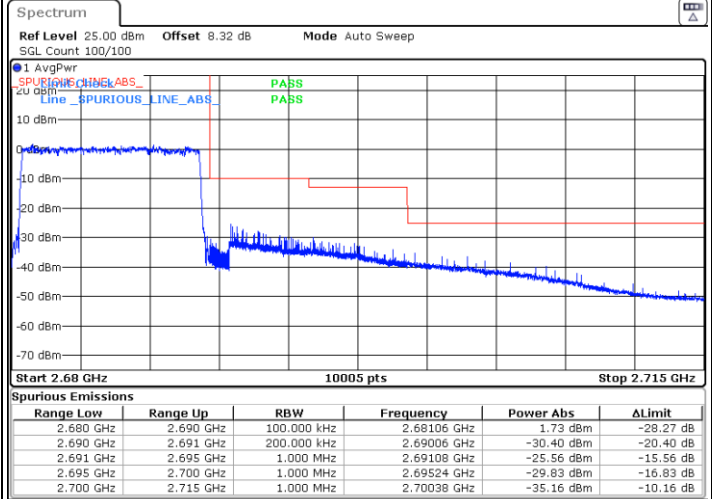
Date: 31.MAY.2024 05:24:38

Lowest Band Edge / Full RB



Date: 31.MAY.2024 04:44:22

Highest Band Edge / Full RB

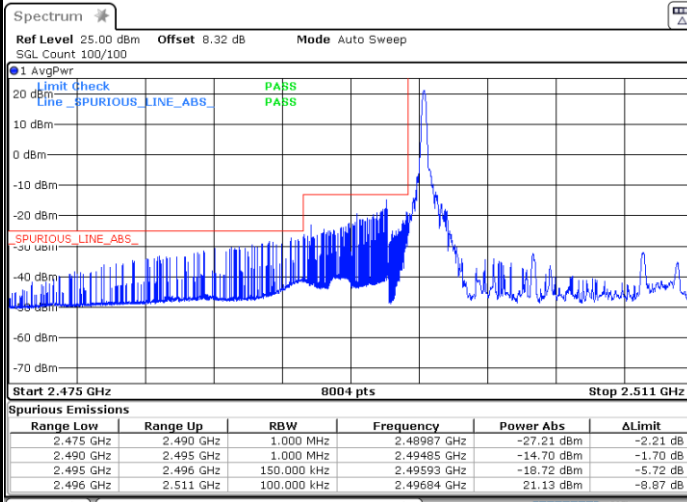


Date: 31.MAY.2024 05:26:16



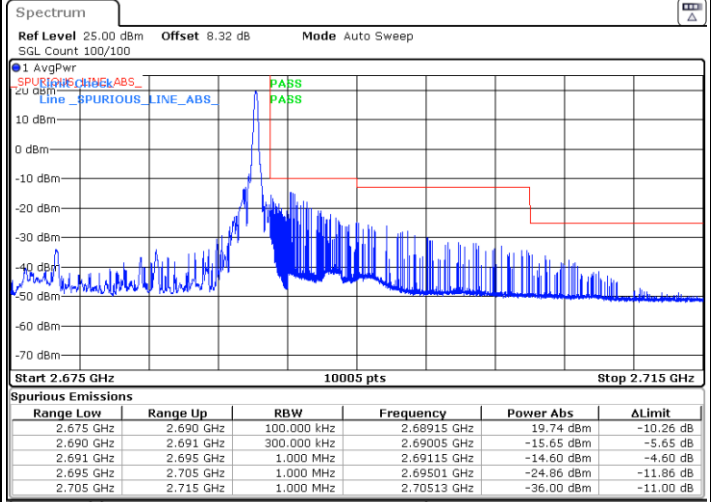
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



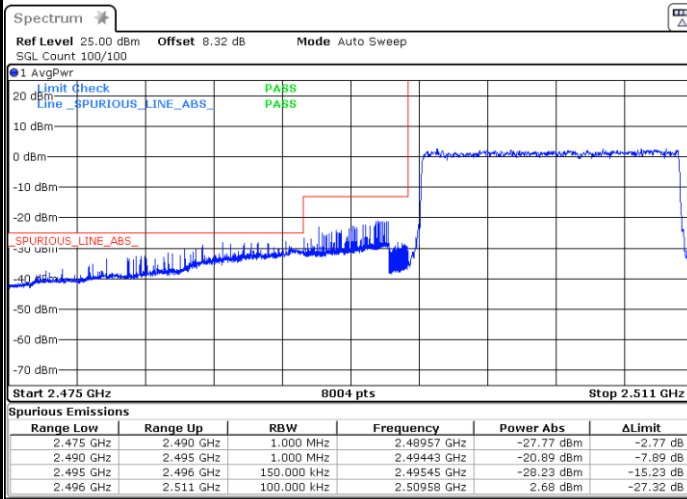
Date: 31.MAY.2024 05:31:47

Highest Band Edge / 1 RB



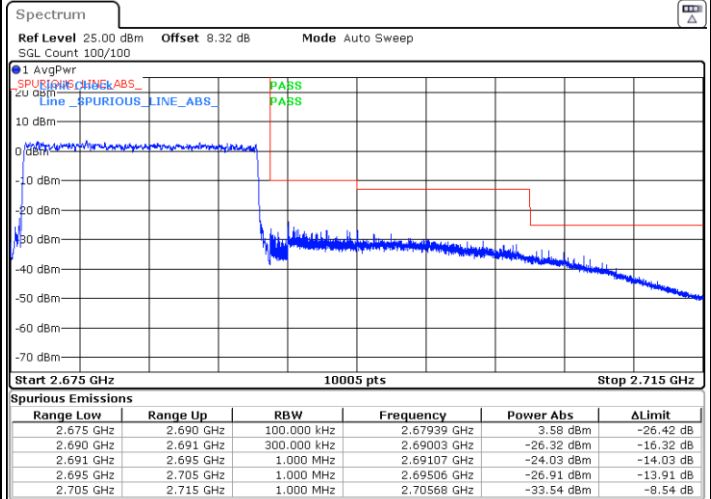
Date: 31.MAY.2024 05:39:26

Lowest Band Edge / Full RB



Date: 31.MAY.2024 05:33:56

Highest Band Edge / Full RB



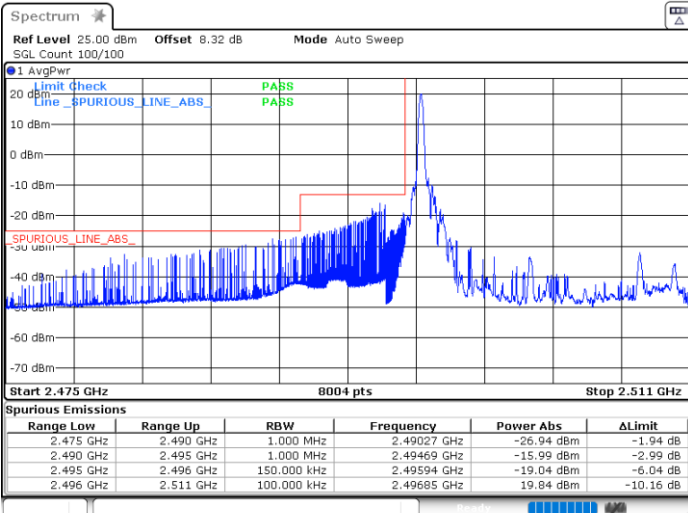
Date: 31.MAY.2024 05:41:30



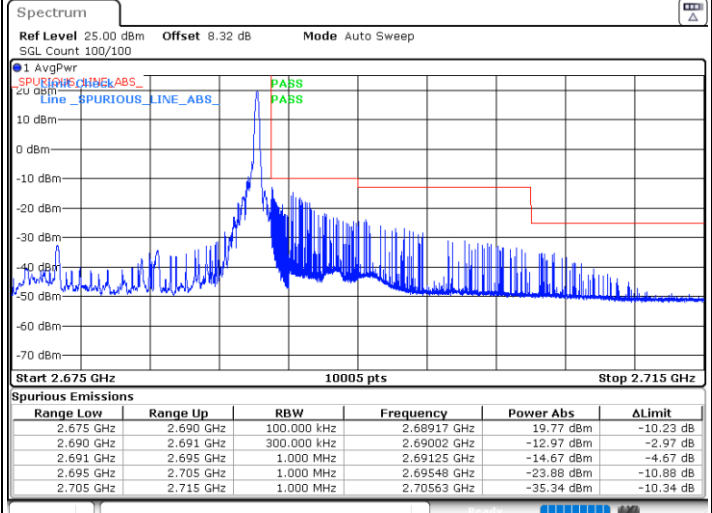
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



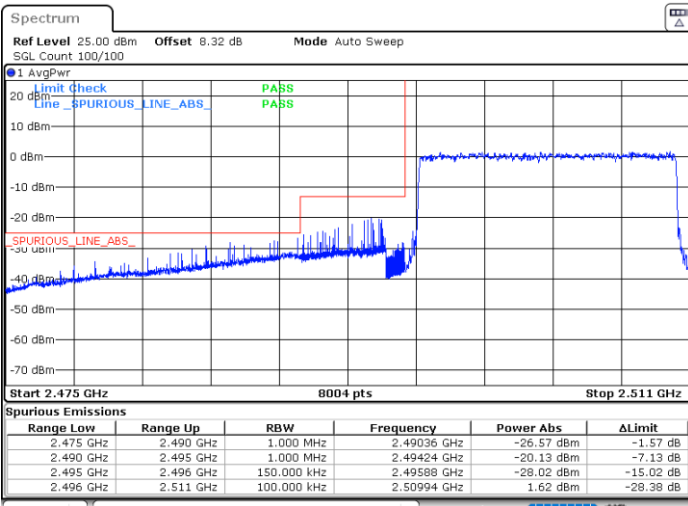
Date: 31.MAY.2024 05:32:28



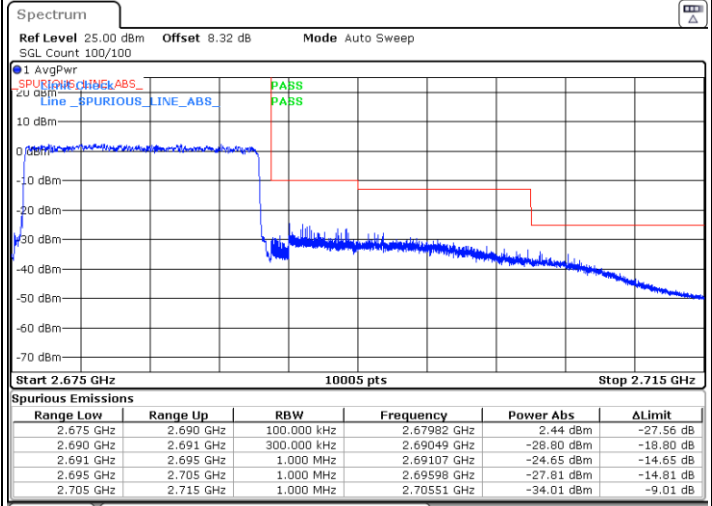
Date: 31.MAY.2024 05:39:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 05:34:14

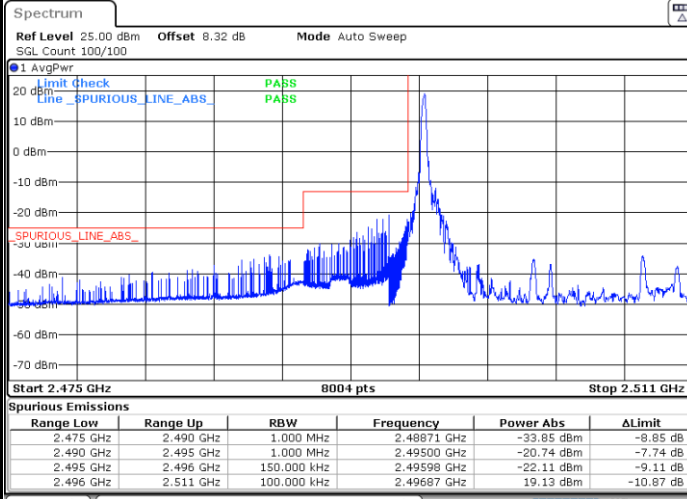


Date: 31.MAY.2024 05:41:47



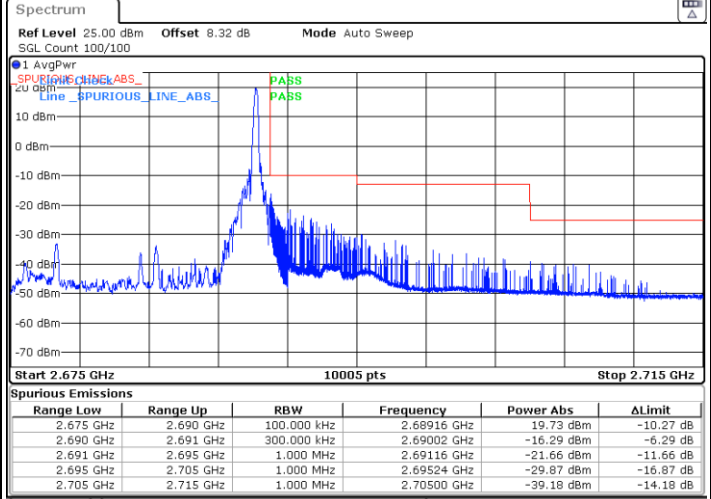
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



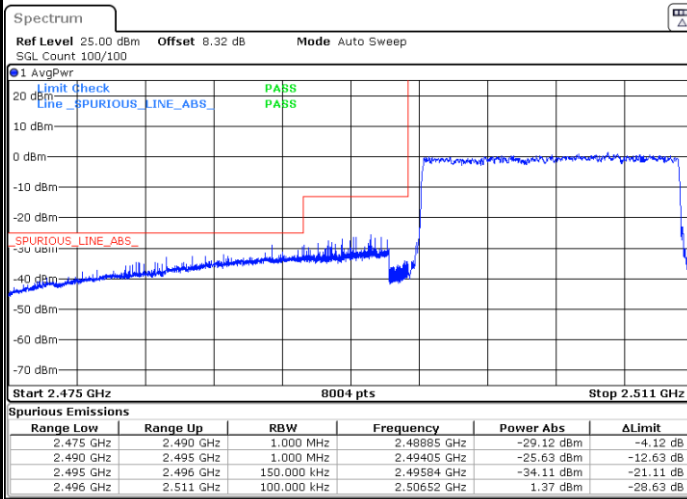
Date: 31.MAY.2024 05:32:44

Highest Band Edge / 1 RB



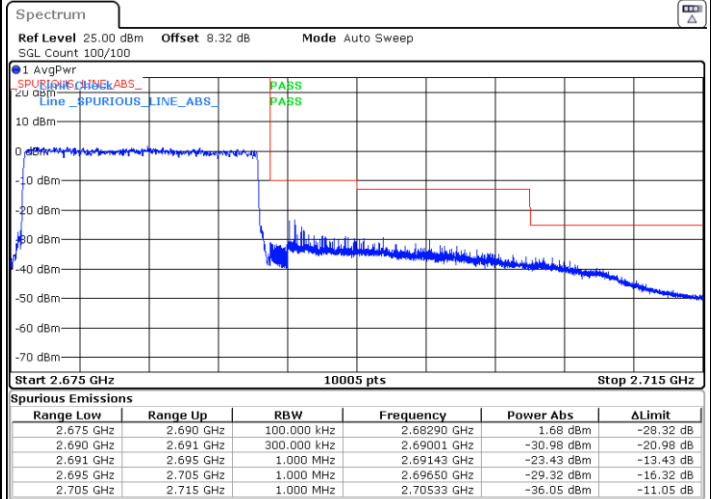
Date: 31.MAY.2024 05:40:21

Lowest Band Edge / Full RB



Date: 31.MAY.2024 05:34:32

Highest Band Edge / Full RB



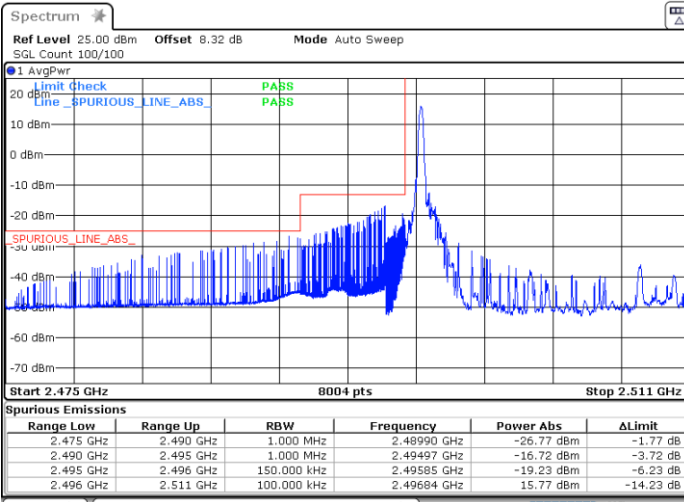
Date: 31.MAY.2024 05:42:09



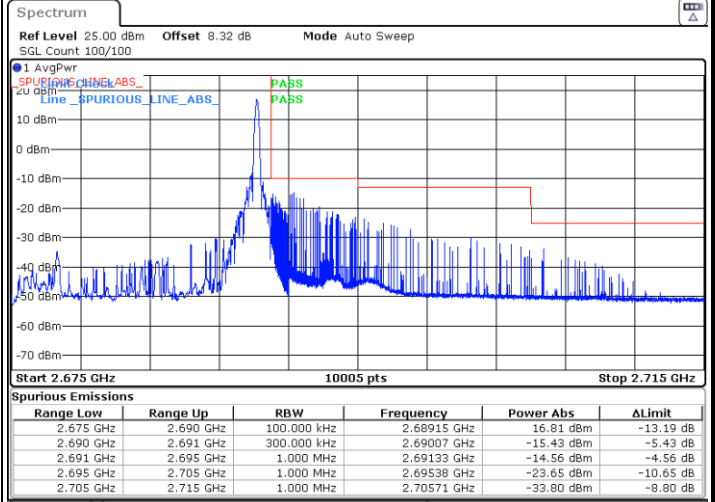
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



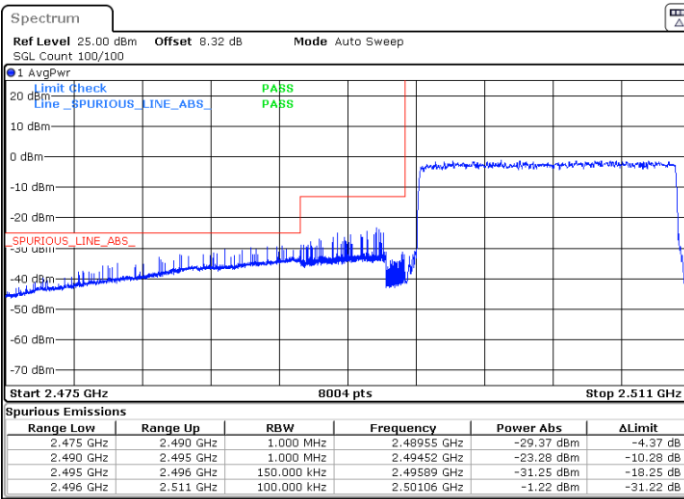
Date: 31.MAY.2024 05:33:17



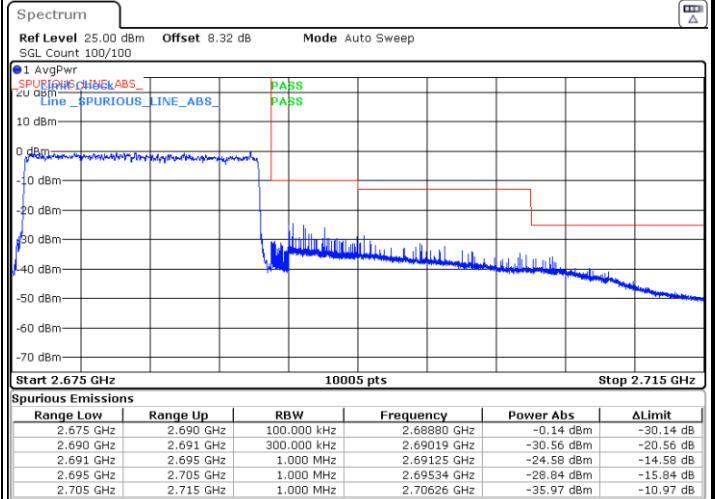
Date: 31.MAY.2024 05:40:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 05:34:50

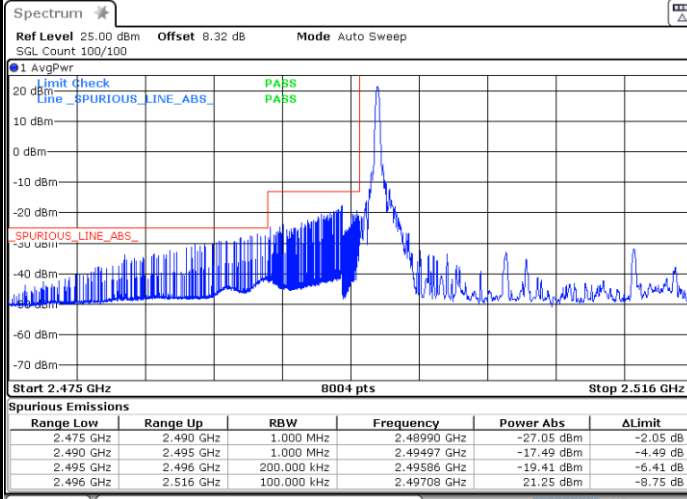


Date: 31.MAY.2024 05:42:28



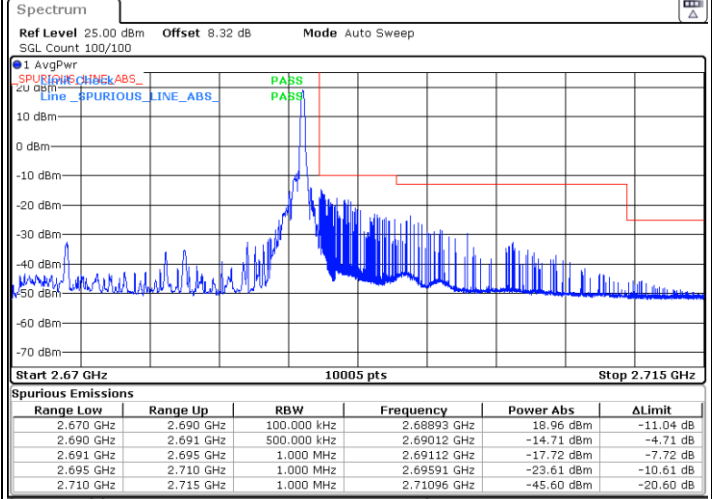
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



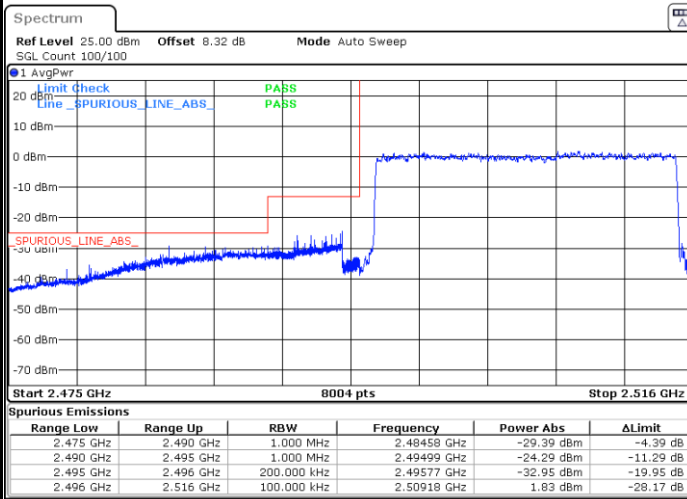
Date: 31.MAY.2024 05:49:29

Highest Band Edge / 1 RB



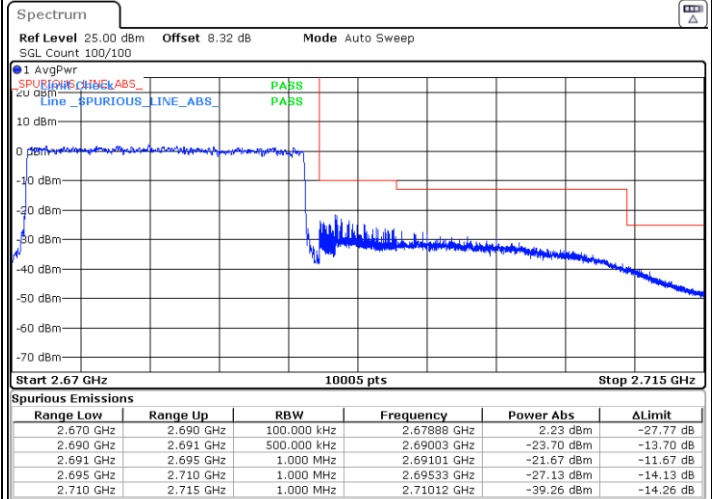
Date: 31.MAY.2024 05:58:10

Lowest Band Edge / Full RB



Date: 31.MAY.2024 05:51:19

Highest Band Edge / Full RB

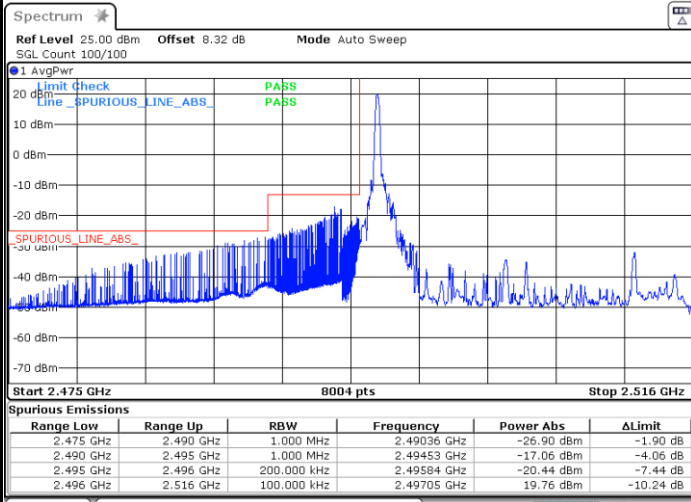


Date: 31.MAY.2024 05:59:33



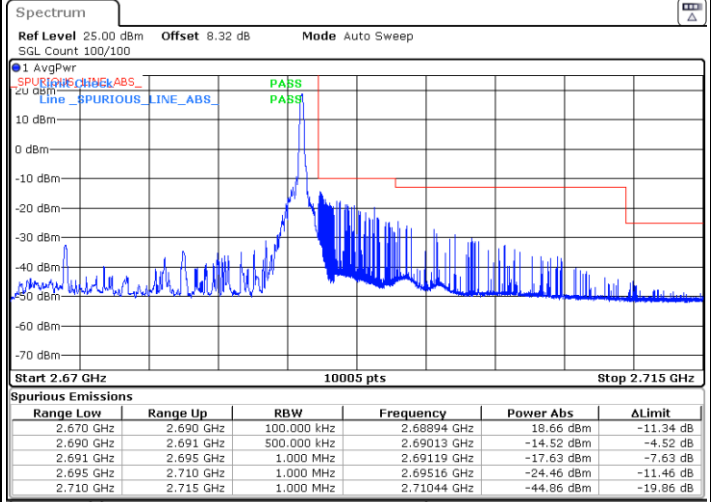
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



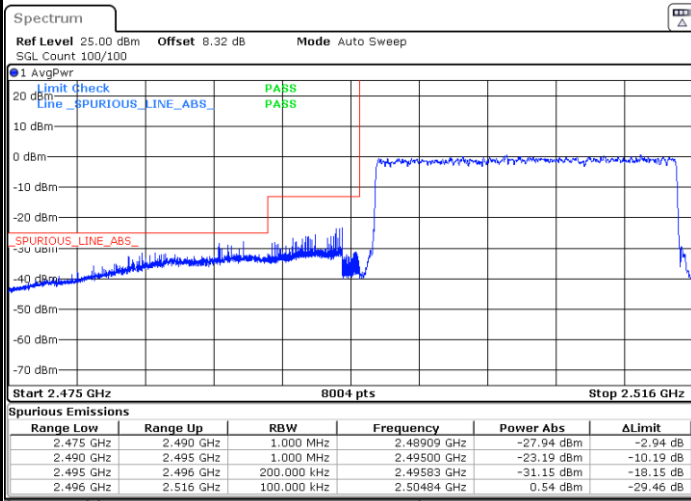
Date: 31.MAY.2024 05:50:06

Highest Band Edge / 1 RB



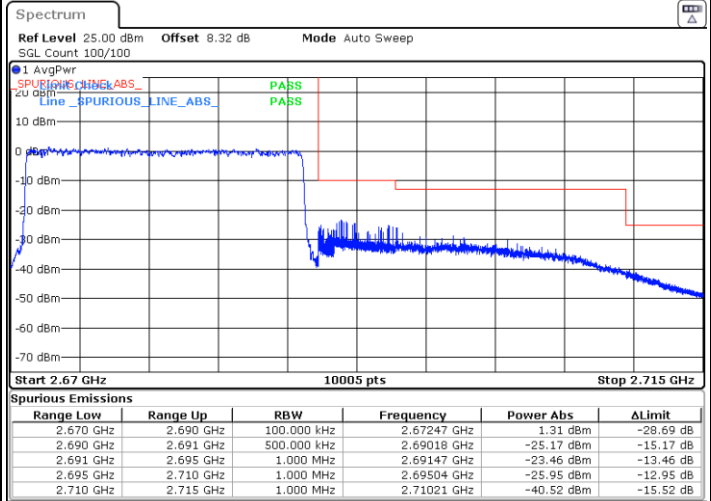
Date: 31.MAY.2024 05:58:29

Lowest Band Edge / Full RB



Date: 31.MAY.2024 05:51:46

Highest Band Edge / Full RB



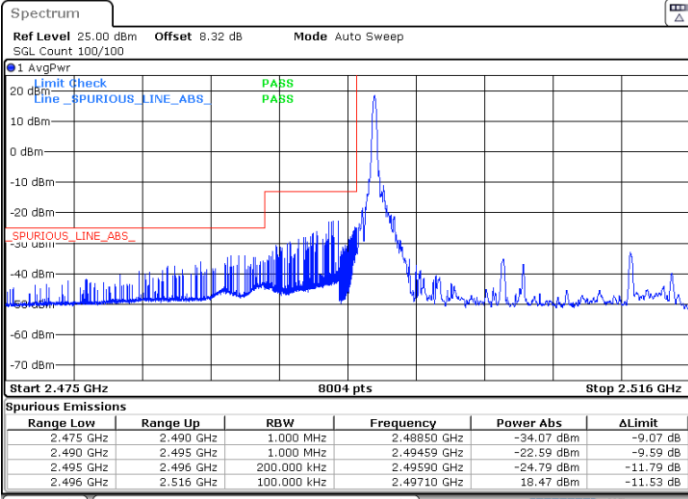
Date: 31.MAY.2024 05:59:49



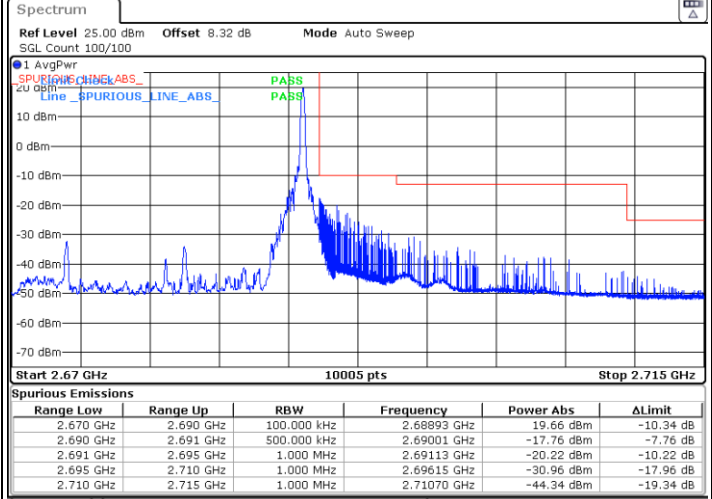
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



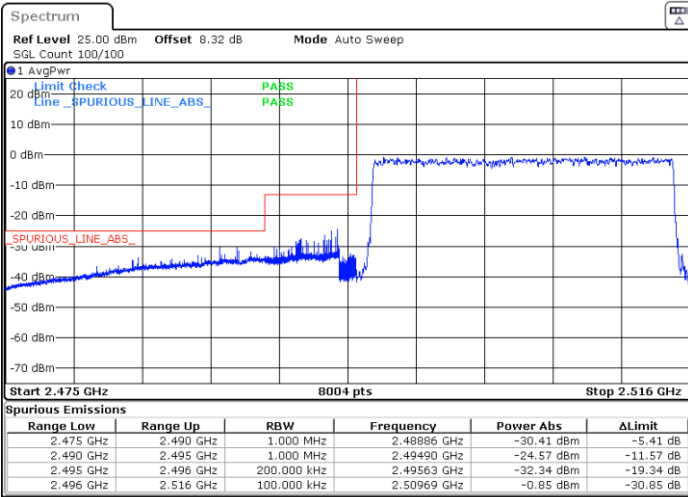
Date: 31.MAY.2024 05:50:25



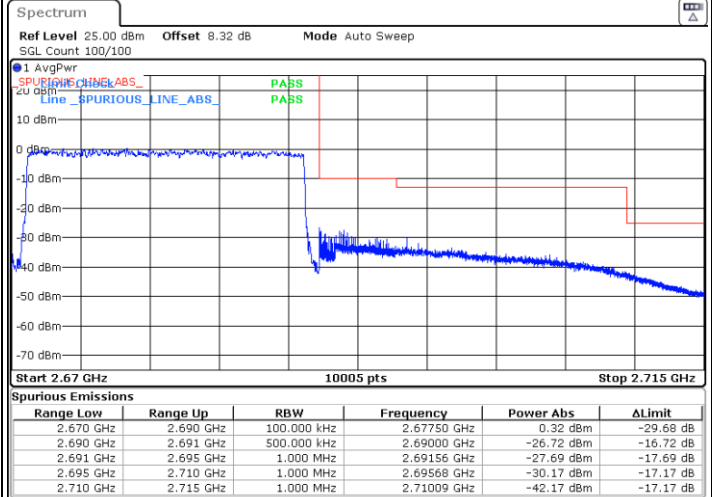
Date: 31.MAY.2024 05:58:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 05:52:06



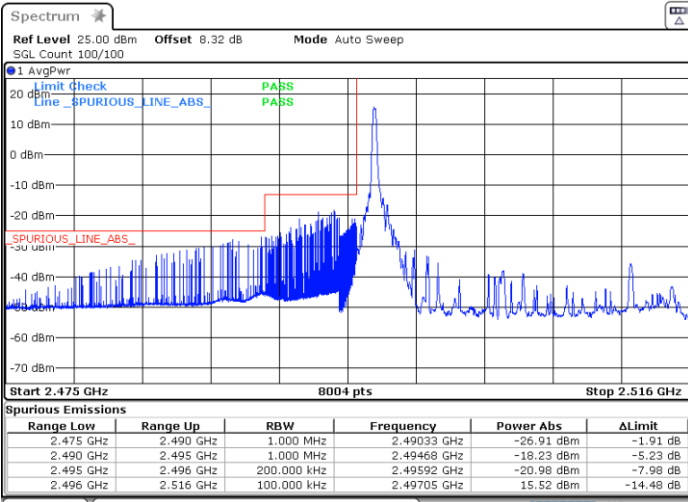
Date: 31.MAY.2024 06:00:03



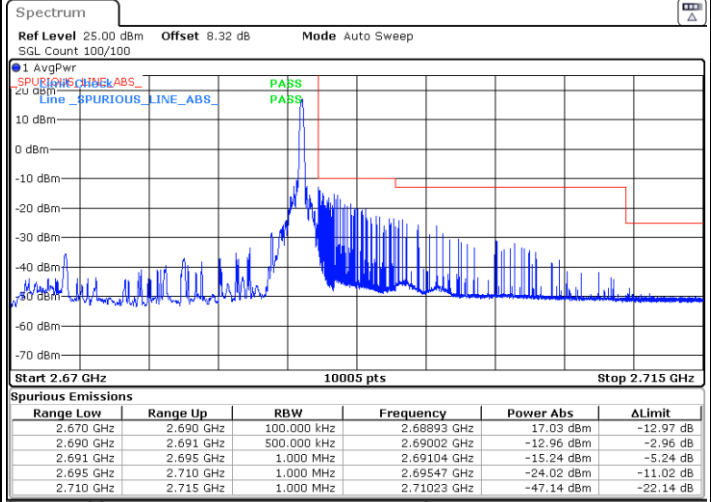
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



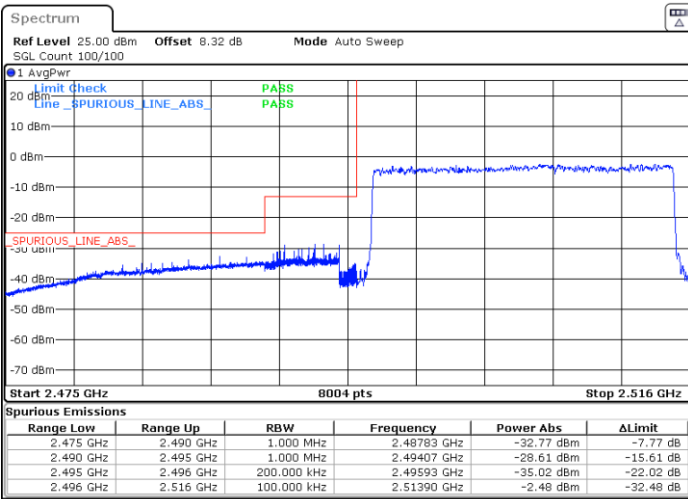
Date: 31.MAY.2024 05:50:53



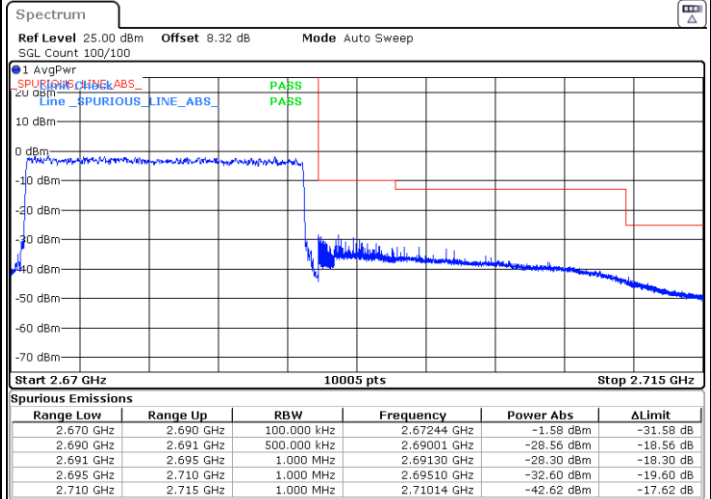
Date: 31.MAY.2024 05:59:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



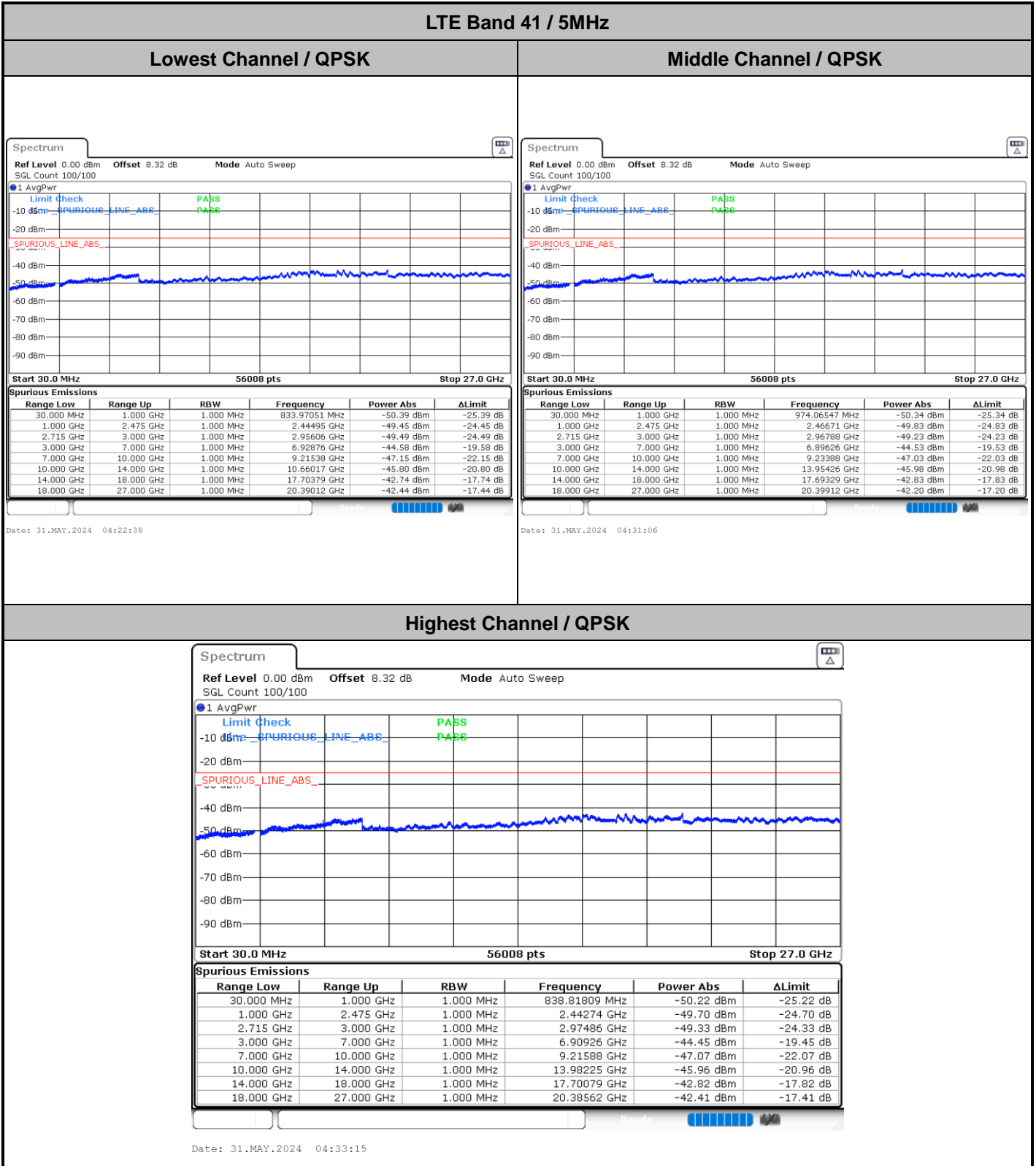
Date: 31.MAY.2024 05:52:43



Date: 31.MAY.2024 06:00:20



Conducted Spurious Emission

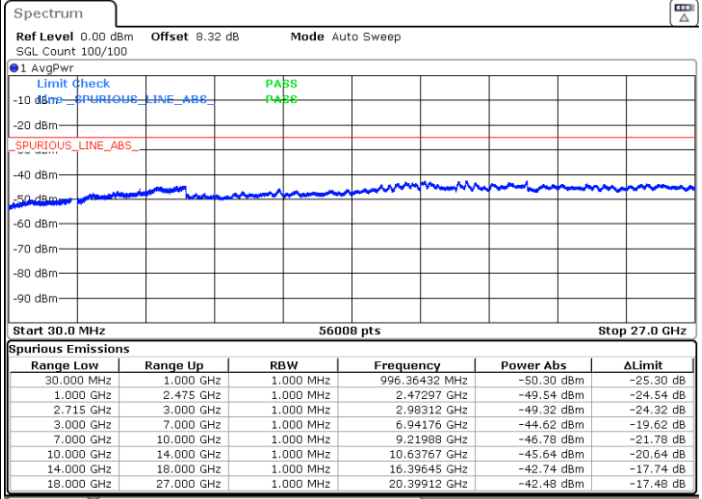
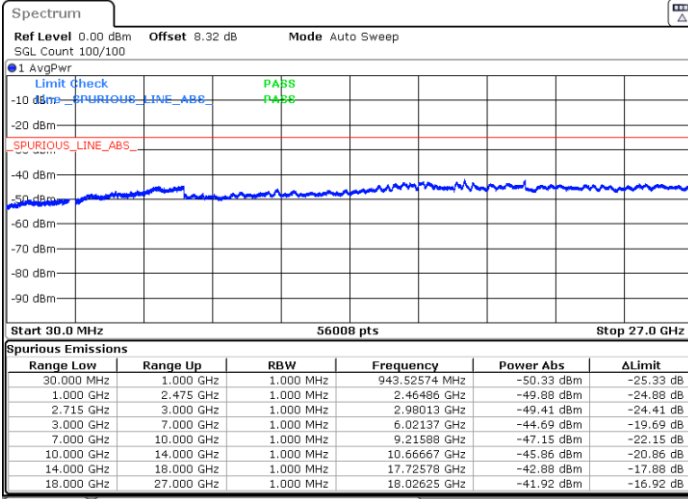




LTE Band 41 / 10MHz

Lowest Channel / QPSK

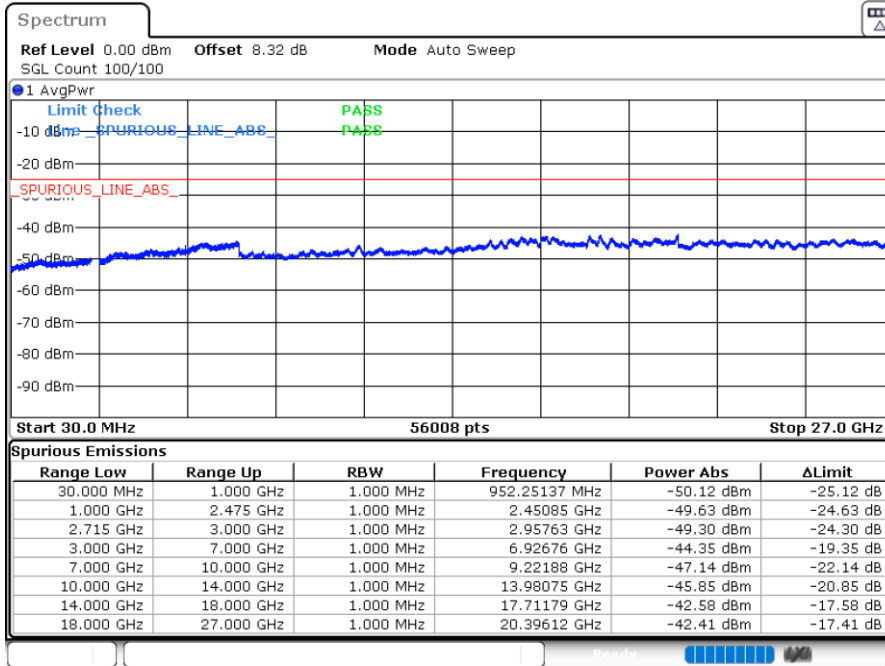
Middle Channel / QPSK



Date: 31.MAY.2024 04:40:02

Date: 31.MAY.2024 05:21:22

Highest Channel / QPSK



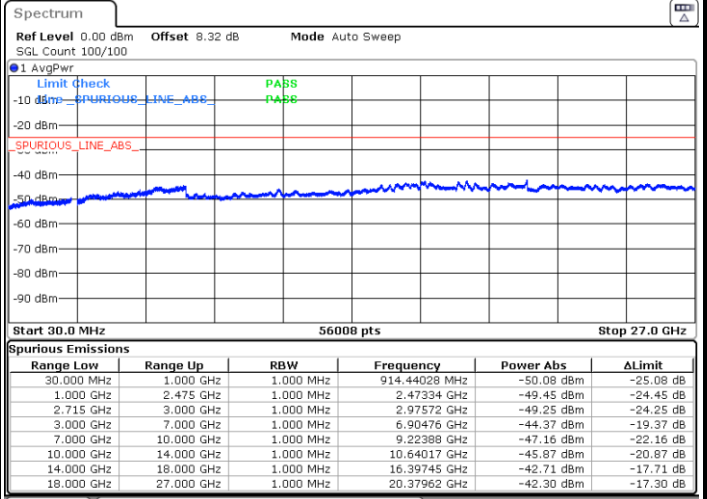
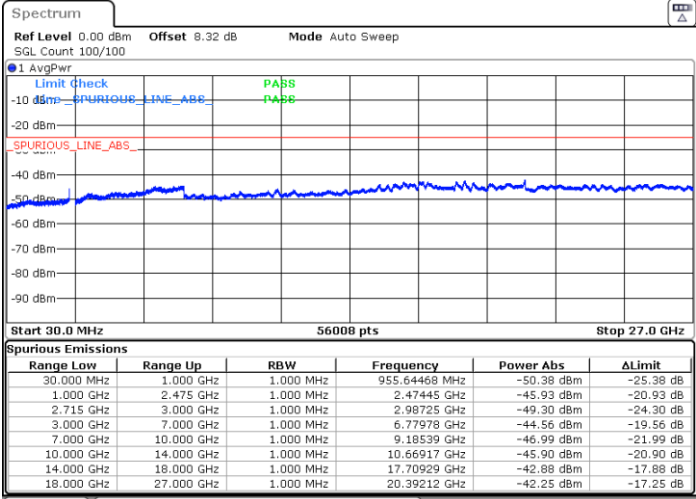
Date: 31.MAY.2024 05:23:11



LTE Band 41 / 15MHz

Lowest Channel / QPSK

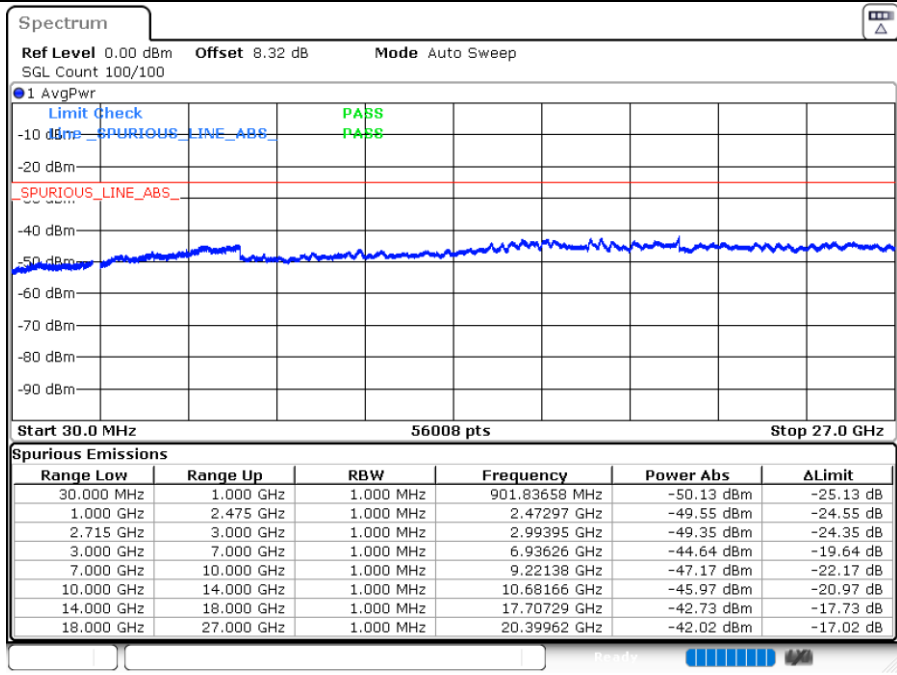
Middle Channel / QPSK



Date: 31.MAY.2024 05:30:55

Date: 31.MAY.2024 05:37:13

Highest Channel / QPSK



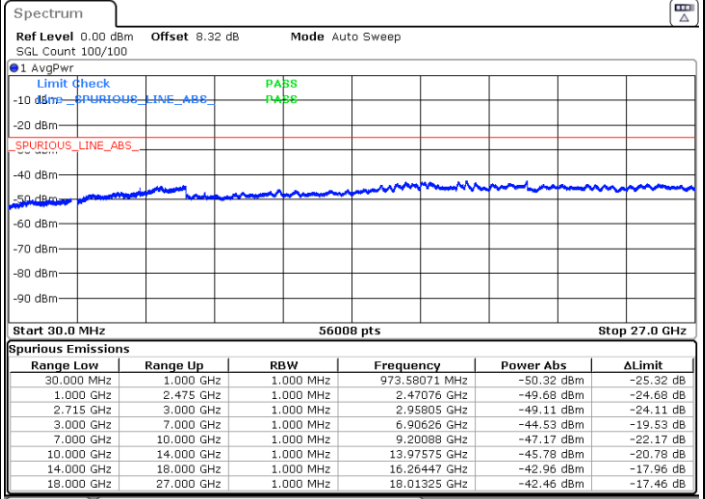
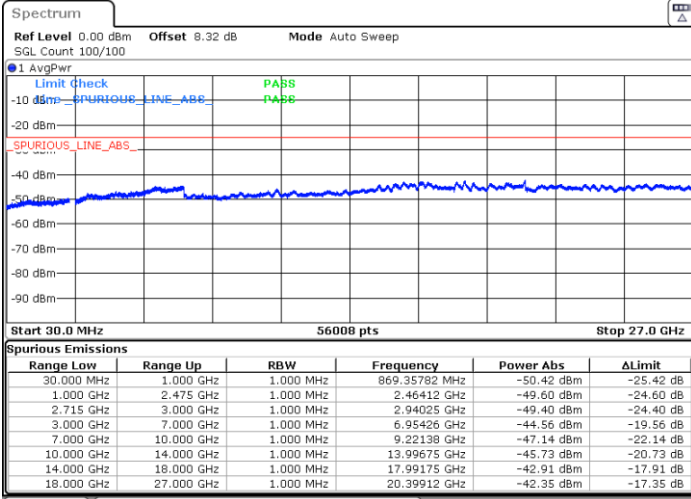
Date: 31.MAY.2024 05:38:58



LTE Band 41 / 20MHz

Lowest Channel / QPSK

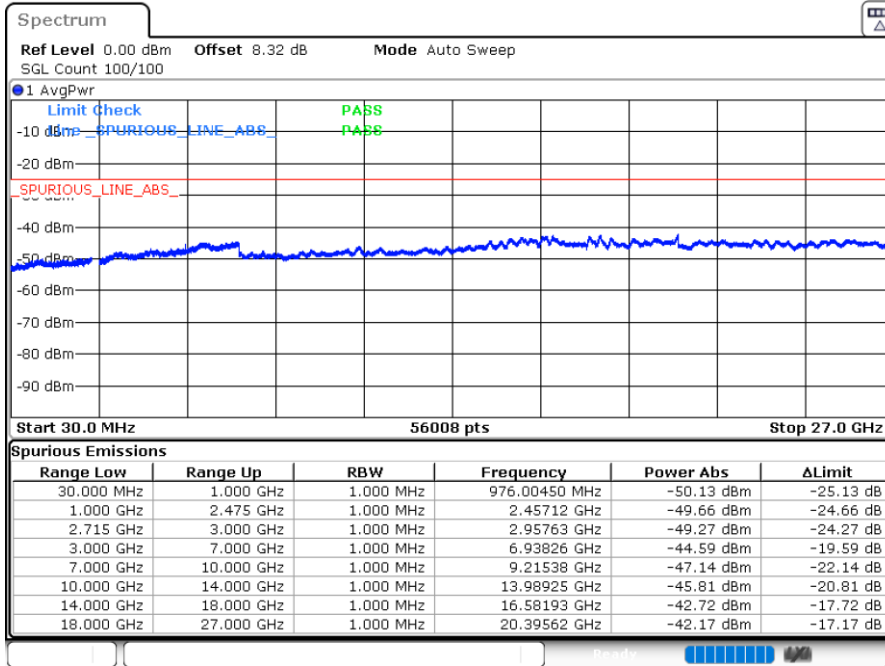
Middle Channel / QPSK



Date: 31.MAY.2024 05:48:48

Date: 31.MAY.2024 05:55:56

Highest Channel / QPSK



Date: 31.MAY.2024 05:57:39



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0054	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0041	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage =3.89V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

Note:

1. Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to test.
2. The test results of LTE B7/38/41 other PA were evaluated in the 5G NR test report which issued separately, and B38 covered by B41.

LTE Band 7 / 20MHz / QPSK / ANT2								
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	5050	-62.77	-25	-37.77	-72.98	3.03	13.24	H
	7584	-62.37	-25	-37.37	-71.82	3.56	13.01	H
	10104	-61.20	-25	-36.20	-70.72	3.92	13.44	H
	12624	-58.74	-25	-33.74	-68.66	4.44	14.36	H
	5050	-62.41	-25	-37.41	-72.62	3.03	13.24	V
	7584	-61.25	-25	-36.25	-70.70	3.56	13.01	V
	10104	-58.66	-25	-33.66	-68.18	3.92	13.44	V
	12624	-58.04	-25	-33.04	-67.96	4.44	14.36	V

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

LTE Band 7C / 20MHz+20MHz / QPSK / ANT2								
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	5036	-63.67	-25	-38.67	-73.88	3.03	13.24	H
	7542	-62.72	-25	-37.72	-72.17	3.56	13.01	H
	10062	-61.14	-25	-36.14	-70.66	3.92	13.44	H
	5036	-63.77	-25	-38.77	-73.98	3.03	13.24	V
	7542	-62.63	-25	-37.63	-72.08	3.56	13.01	V
	10062	-61.98	-25	-36.98	-71.50	3.92	13.44	V
	5078	-64.54	-25	-39.54	-74.75	3.03	13.24	H
	7612	-62.30	-25	-37.30	-71.75	3.56	13.01	H
	10146	-61.37	-25	-36.37	-70.89	3.92	13.44	H
	5078	-64.26	-25	-39.26	-74.47	3.03	13.24	V
	7612	-62.37	-25	-37.37	-71.82	3.56	13.01	V
	10146	-61.72	-25	-36.72	-71.24	3.92	13.44	V

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



LTE Band 38C / 20MHz+20MHz / QPSK / ANT2								
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	-64.27	-25	-39.27	-74.48	3.03	13.24	H
	7724	-62.28	-25	-37.28	-71.73	3.56	13.01	H
	10300	-61.11	-25	-36.11	-70.63	3.92	13.44	H
	5148	-64.33	-25	-39.33	-74.54	3.03	13.24	V
	7724	-61.65	-25	-36.65	-71.10	3.56	13.01	V
	10300	-60.80	-25	-35.80	-70.32	3.92	13.44	V
	5190	-64.28	-25	-39.28	-74.49	3.03	13.24	H
	7794	-62.59	-25	-37.59	-72.04	3.56	13.01	H
	10384	-61.74	-25	-36.74	-71.26	3.92	13.44	H
	5190	-63.99	-25	-38.99	-74.20	3.03	13.24	V
	7794	-62.52	-25	-37.52	-71.97	3.56	13.01	V
	10384	-61.86	-25	-36.86	-71.38	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK / ANT2								
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	-63.46	-25	-38.46	-73.67	3.03	13.24	H
	7752	-60.33	-25	-35.33	-69.78	3.56	13.01	H
	10342	-60.37	-25	-35.37	-69.89	3.92	13.44	H
	5162	-60.43	-25	-35.43	-70.64	3.03	13.24	V
	7752	-57.72	-25	-32.72	-67.17	3.56	13.01	V
	10342	-55.58	-25	-30.58	-65.10	3.92	13.44	V

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