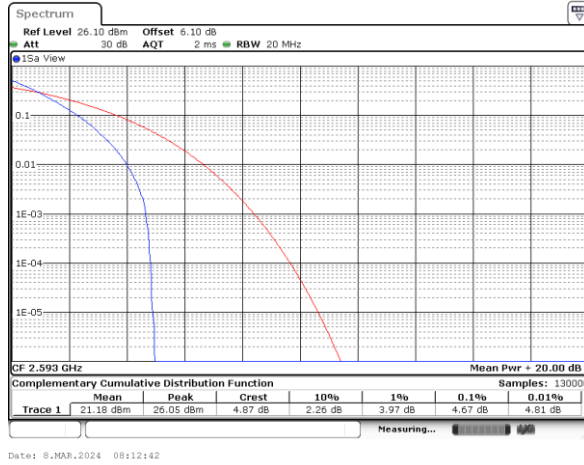


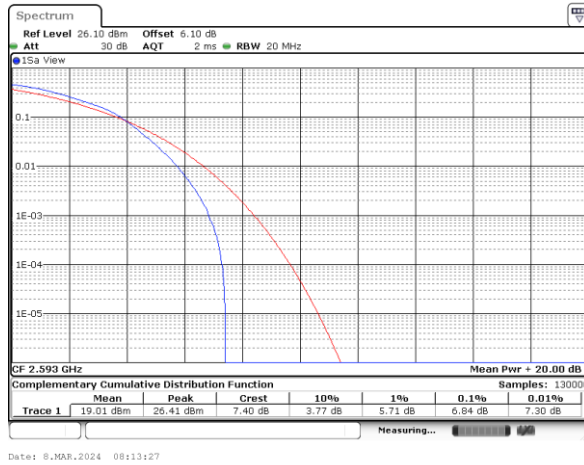


LTE Band 41 / 20MHz

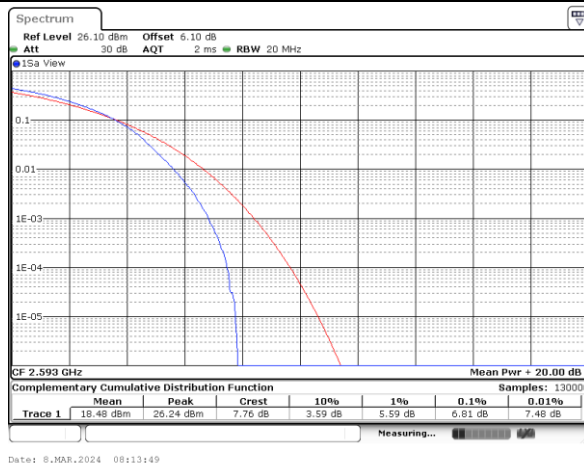
Middle Channel / Full RB / QPSK



Middle Channel / Full RB / 16QAM



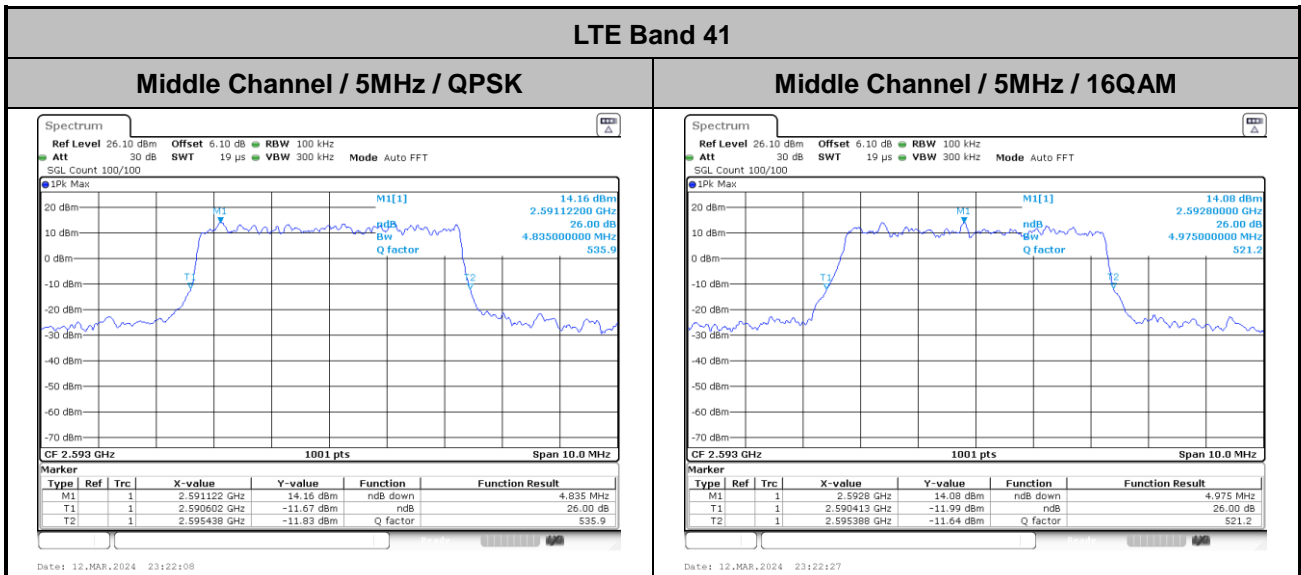
Middle Channel / Full RB / 64QAM





26dB Bandwidth

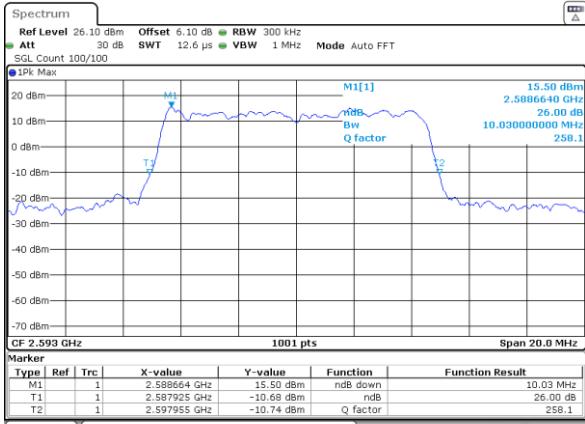
Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.84	4.98
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	10.03	9.83
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.15	14.33
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.38	18.94





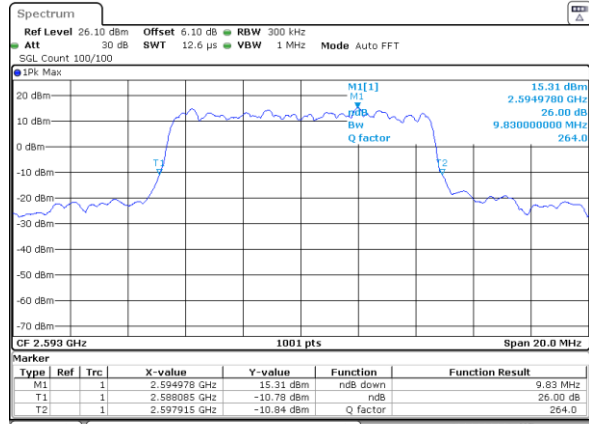
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 12.MAR.2024 23:20:36

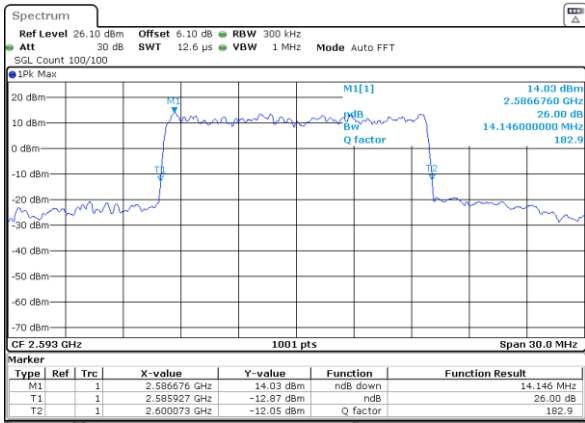
Middle Channel / 10MHz / 16QAM



Date: 12.MAR.2024 23:20:57

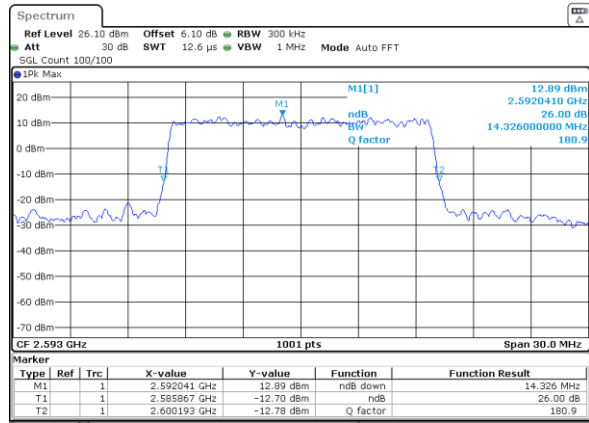
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 12.MAR.2024 23:19:26

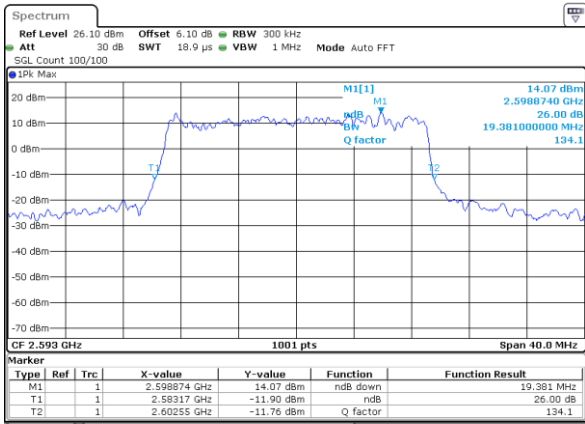
Middle Channel / 15MHz / 16QAM



Date: 12.MAR.2024 23:19:59

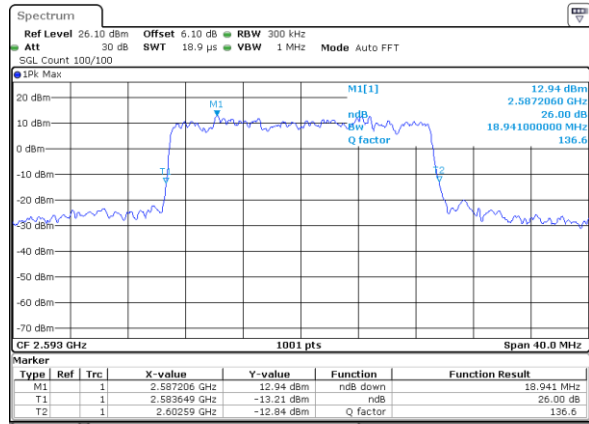
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 8.MAR.2024 08:12:29

Middle Channel / 20MHz / 16QAM

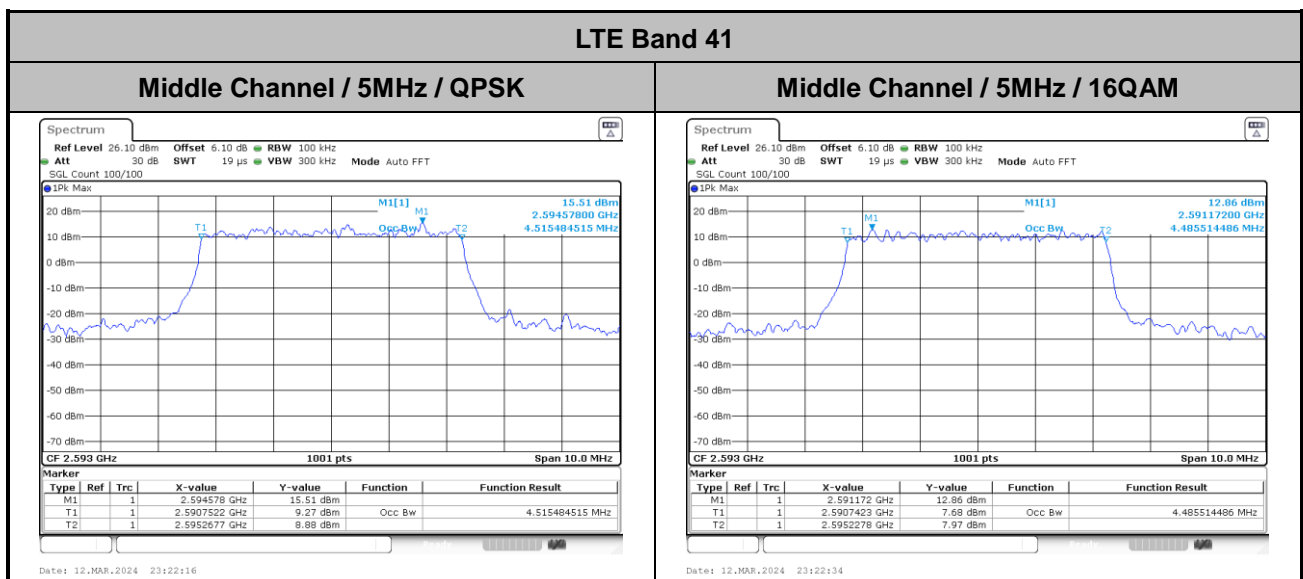


Date: 8.MAR.2024 08:12:57



Occupied Bandwidth

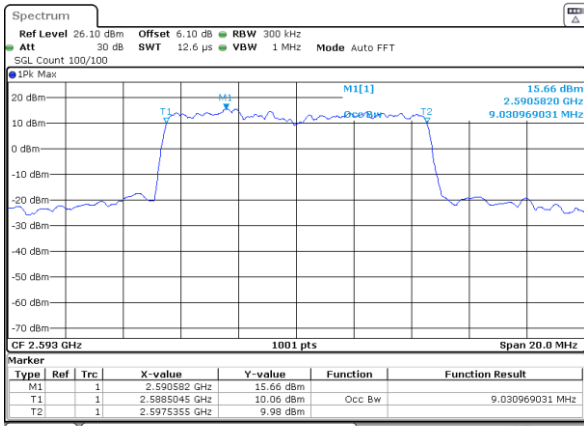
Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.52	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.05
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.46	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.90





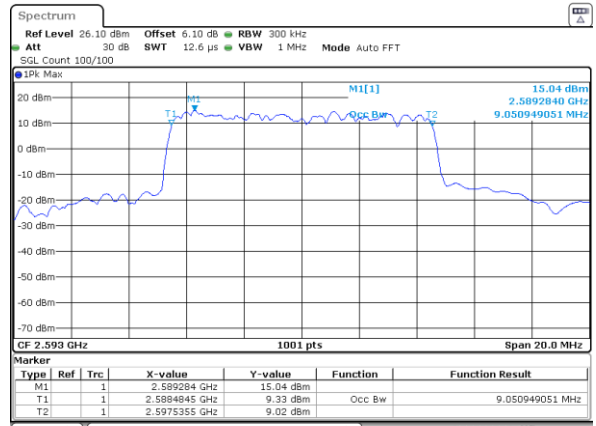
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 12.MAR.2024 23:20:43

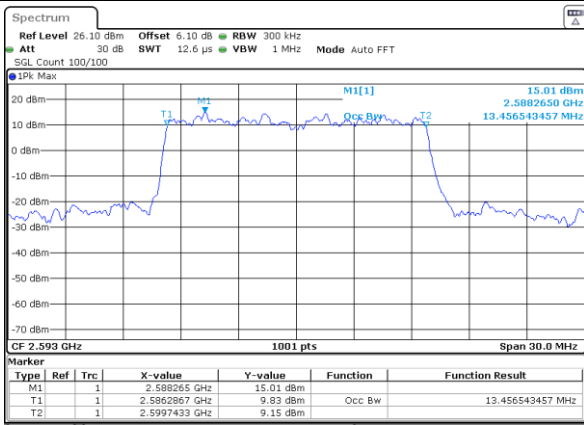
Middle Channel / 10MHz / 16QAM



Date: 12.MAR.2024 23:21:05

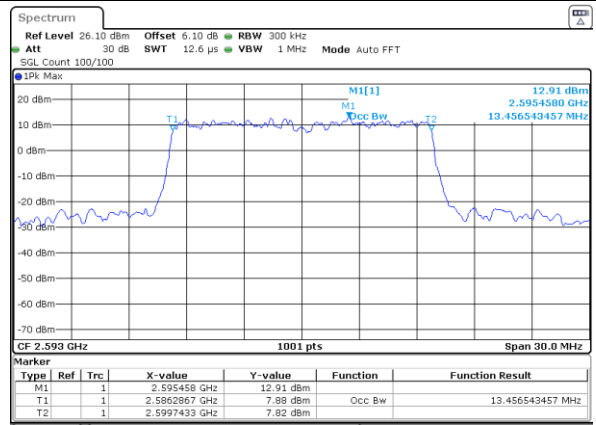
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 12.MAR.2024 23:19:35

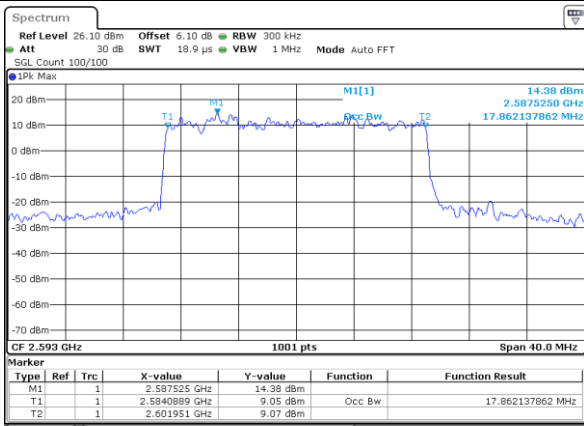
Middle Channel / 15MHz / 16QAM



Date: 12.MAR.2024 23:20:08

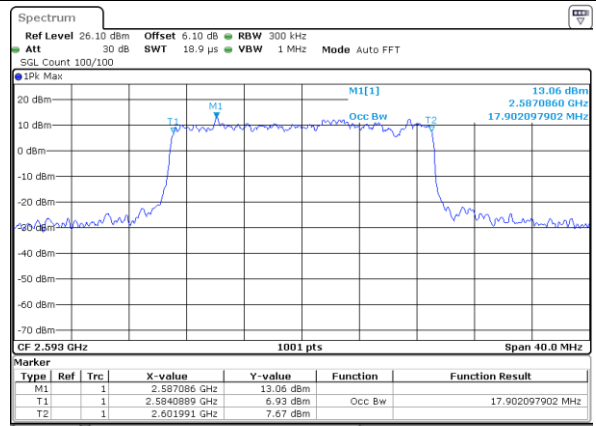
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 8.MAR.2024 08:12:22

Middle Channel / 20MHz / 16QAM



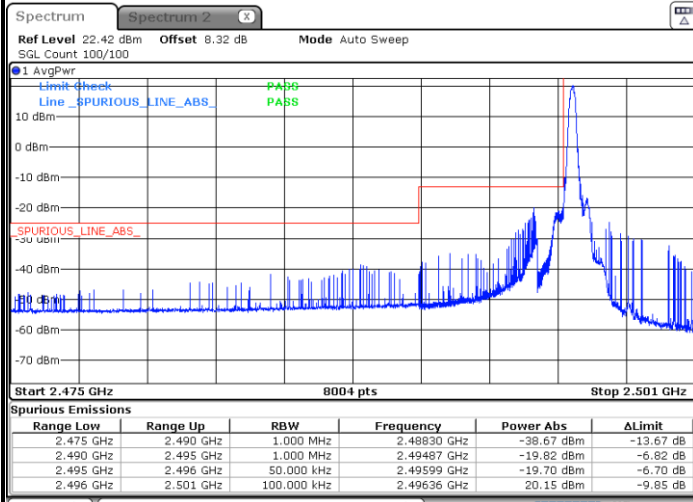
Date: 8.MAR.2024 08:13:05



Conducted Band Edge

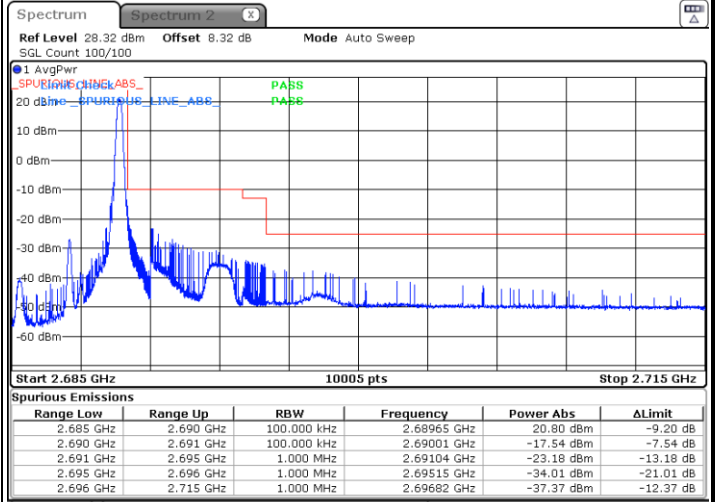
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



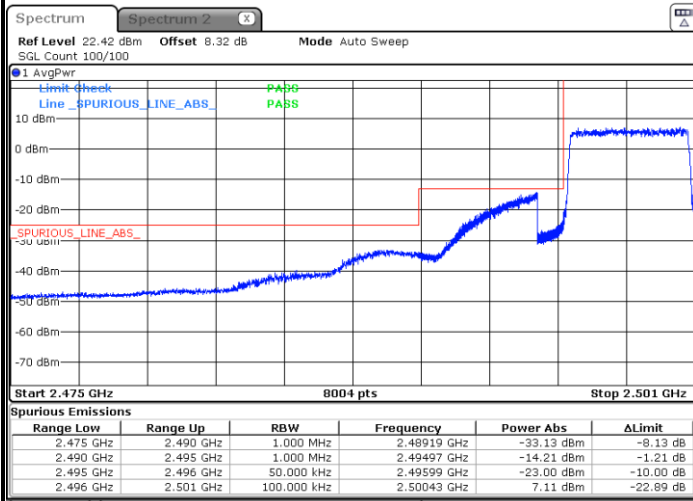
Date: 27.MAR.2024 09:41:24

Highest Band Edge / 1 RB



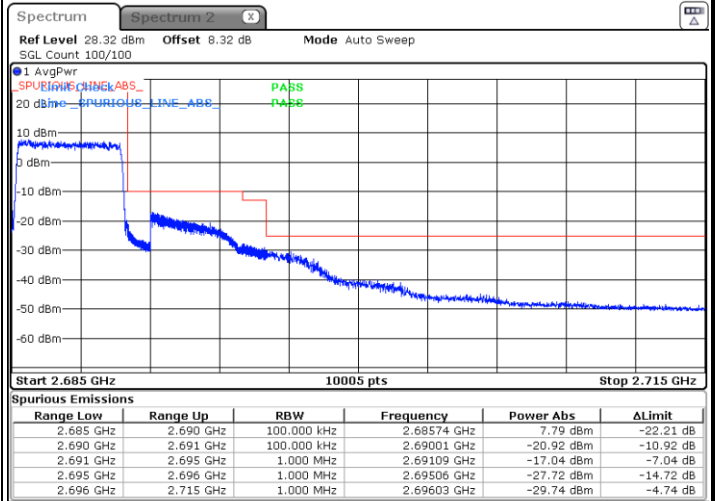
Date: 27.MAR.2024 09:58:15

Lowest Band Edge / Full RB



Date: 27.MAR.2024 09:51:11

Highest Band Edge / Full RB

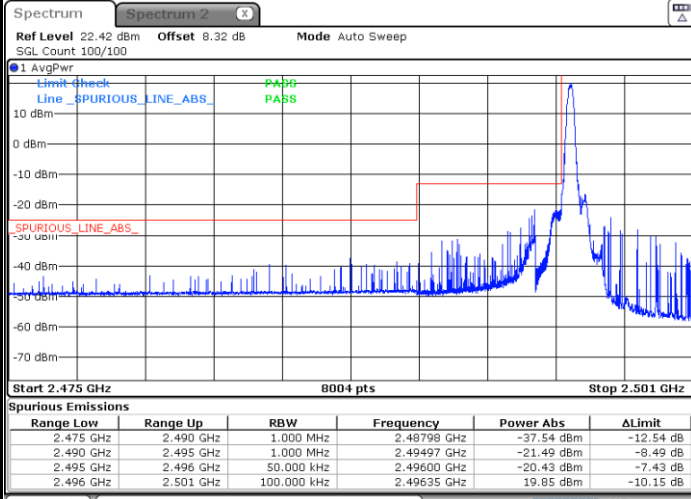


Date: 27.MAR.2024 09:54:22



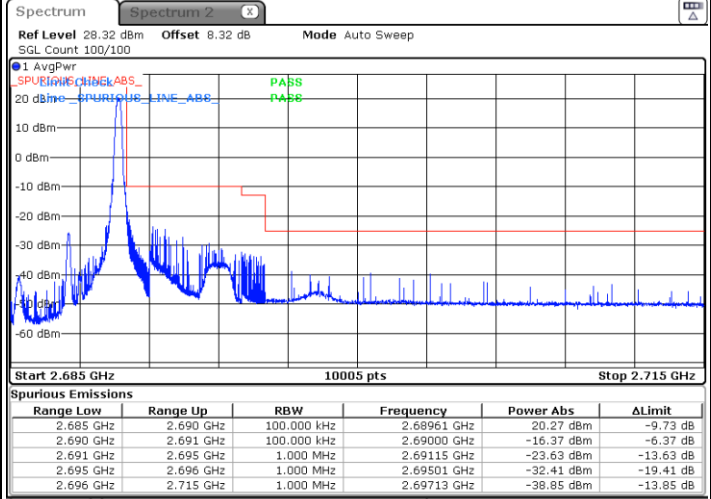
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



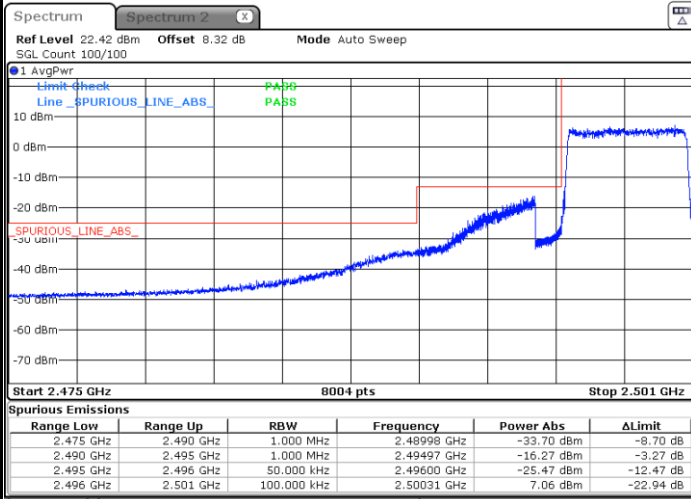
Date: 27.MAR.2024 09:43:04

Highest Band Edge / 1 RB



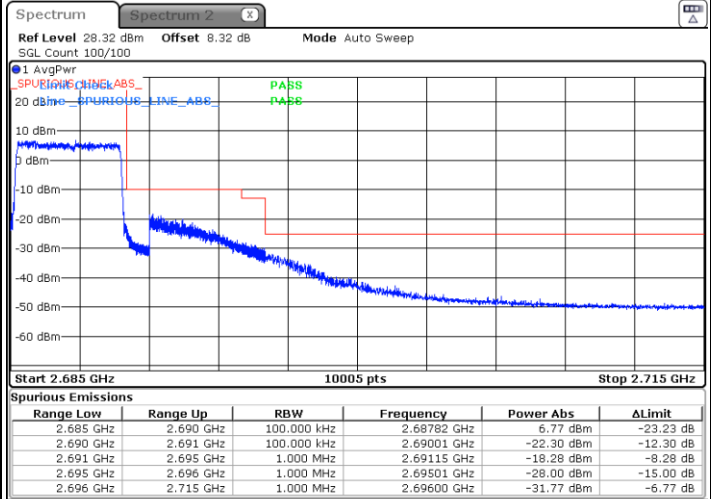
Date: 27.MAR.2024 10:00:47

Lowest Band Edge / Full RB



Date: 27.MAR.2024 09:52:18

Highest Band Edge / Full RB

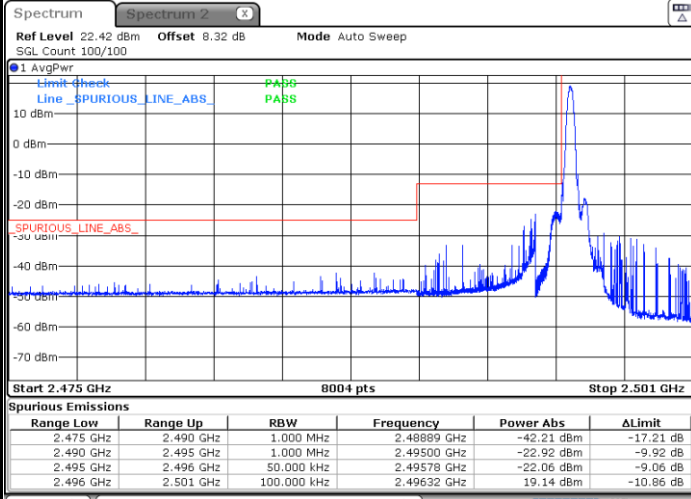


Date: 27.MAR.2024 09:55:00



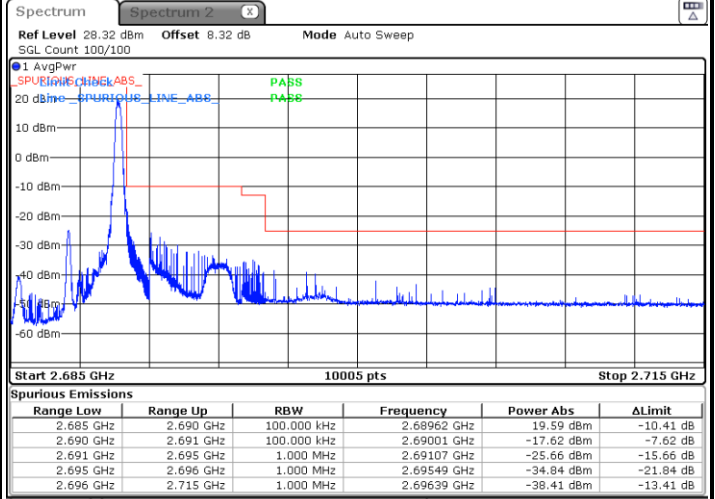
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



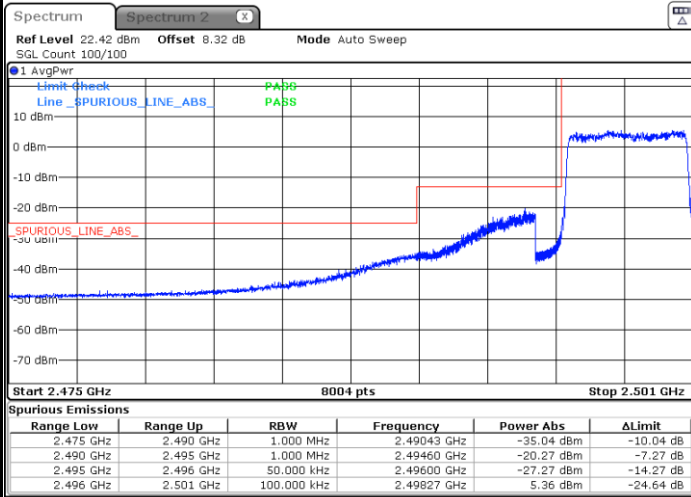
Date: 27.MAR.2024 09:49:36

Highest Band Edge / 1 RB



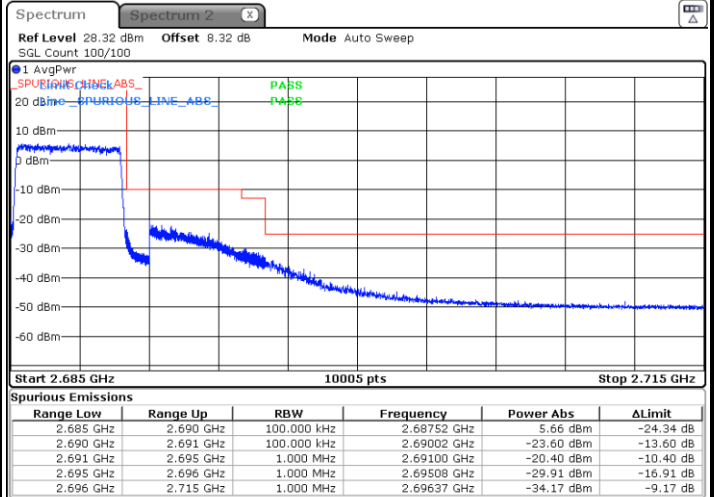
Date: 27.MAR.2024 10:01:38

Lowest Band Edge / Full RB



Date: 27.MAR.2024 09:53:30

Highest Band Edge / Full RB

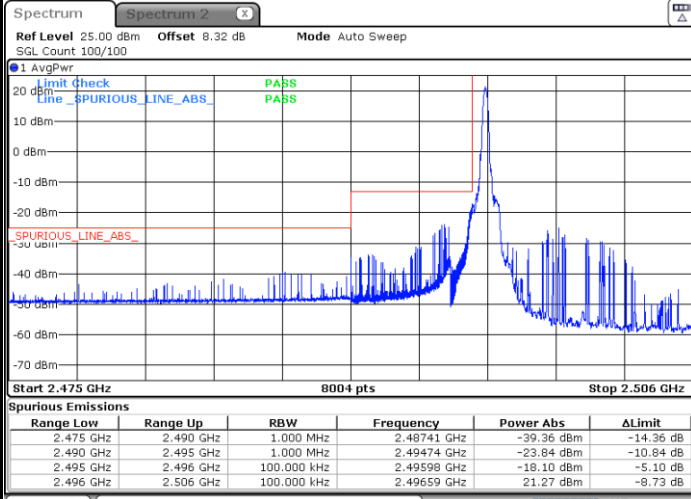


Date: 27.MAR.2024 09:55:42



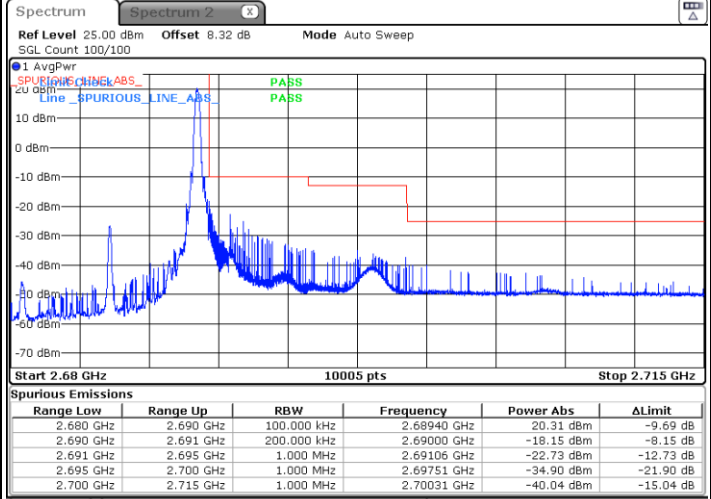
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



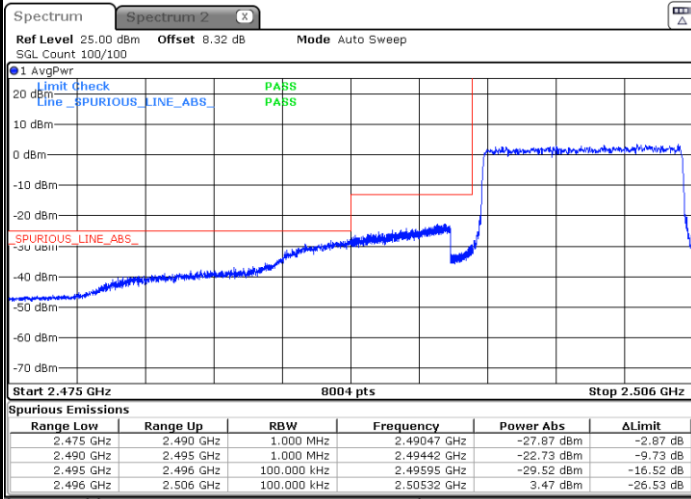
Date: 27.MAR.2024 10:05:05

Highest Band Edge / 1 RB



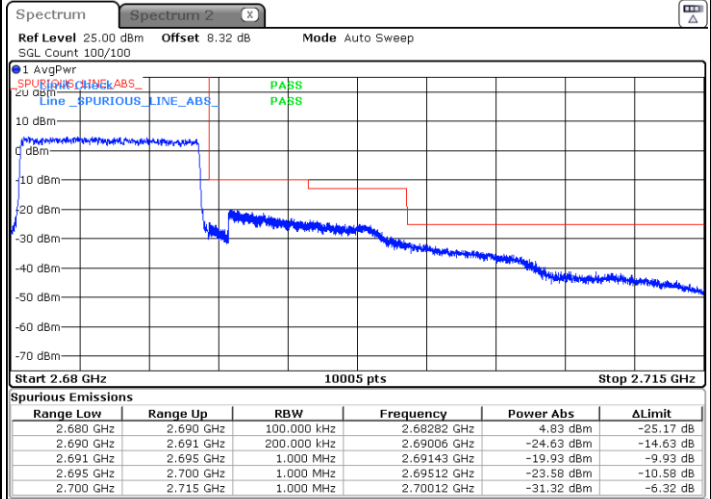
Date: 27.MAR.2024 10:13:53

Lowest Band Edge / Full RB



Date: 27.MAR.2024 10:08:57

Highest Band Edge / Full RB

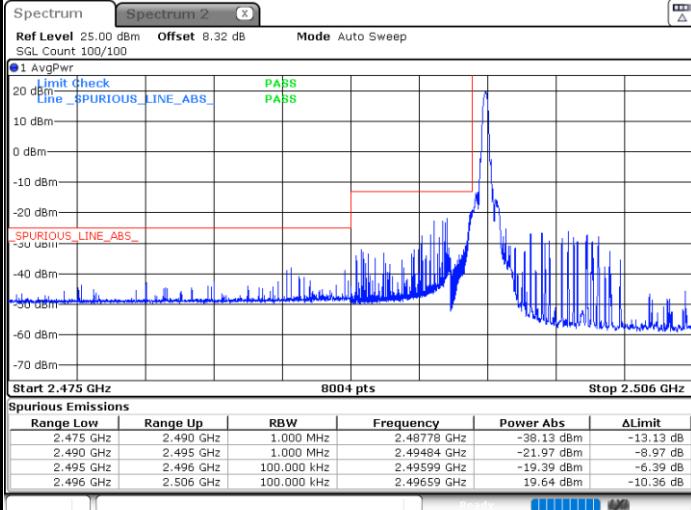


Date: 27.MAR.2024 10:11:49



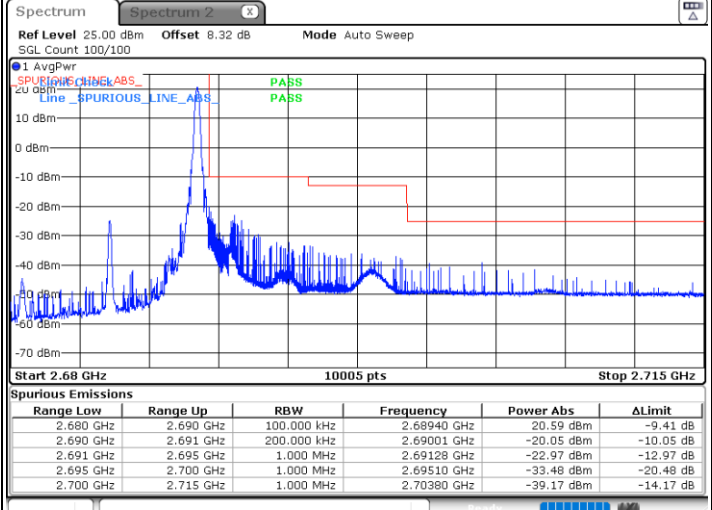
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



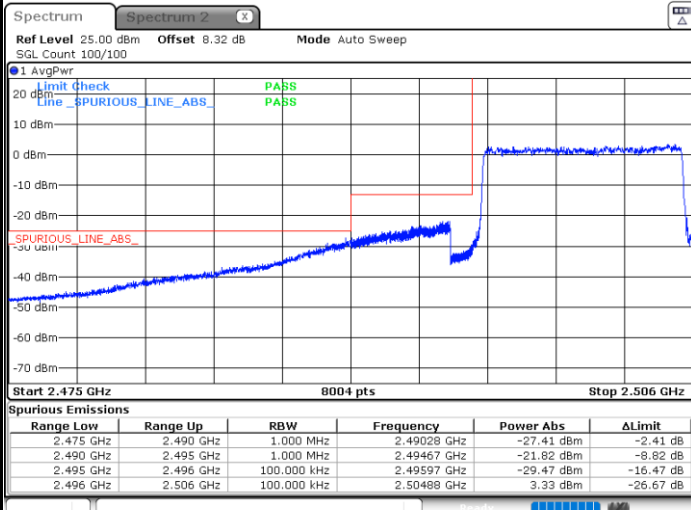
Date: 27.MAR.2024 10:06:19

Highest Band Edge / 1 RB



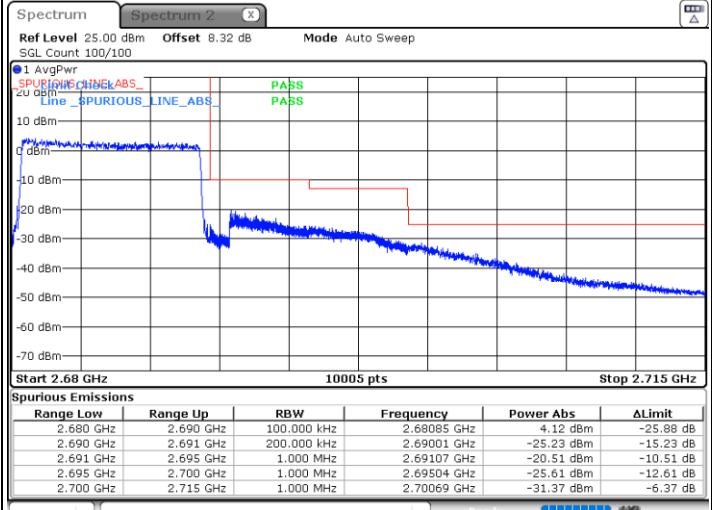
Date: 27.MAR.2024 10:14:30

Lowest Band Edge / Full RB



Date: 27.MAR.2024 10:09:42

Highest Band Edge / Full RB

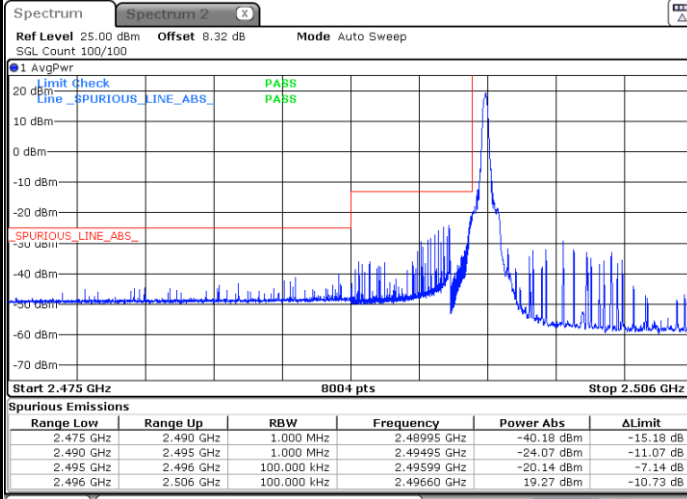


Date: 27.MAR.2024 10:12:21



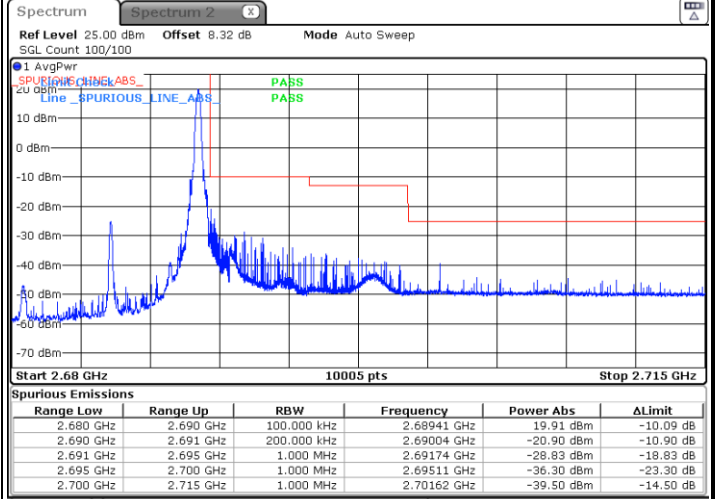
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



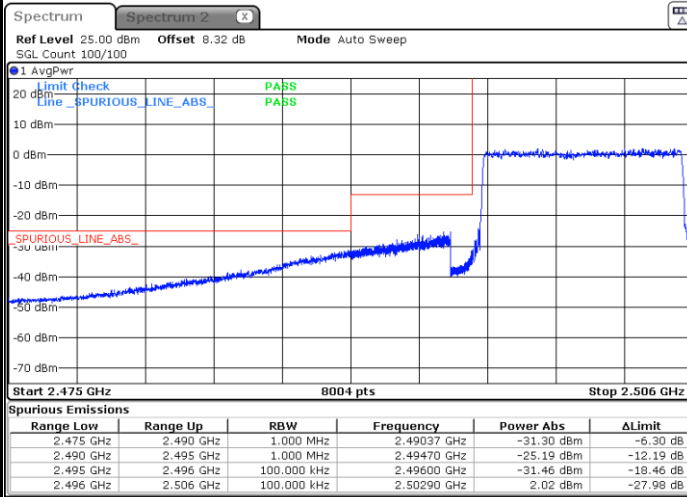
Date: 27.MAR.2024 10:07:19

Highest Band Edge / 1 RB



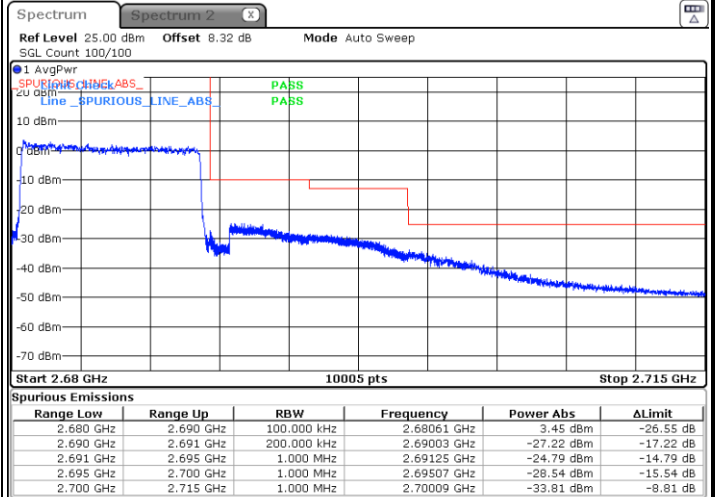
Date: 27.MAR.2024 10:15:10

Lowest Band Edge / Full RB



Date: 27.MAR.2024 10:10:55

Highest Band Edge / Full RB

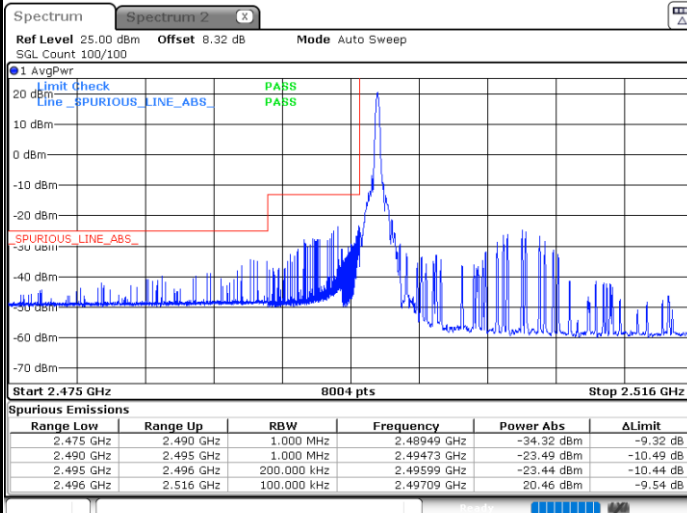


Date: 27.MAR.2024 10:13:15



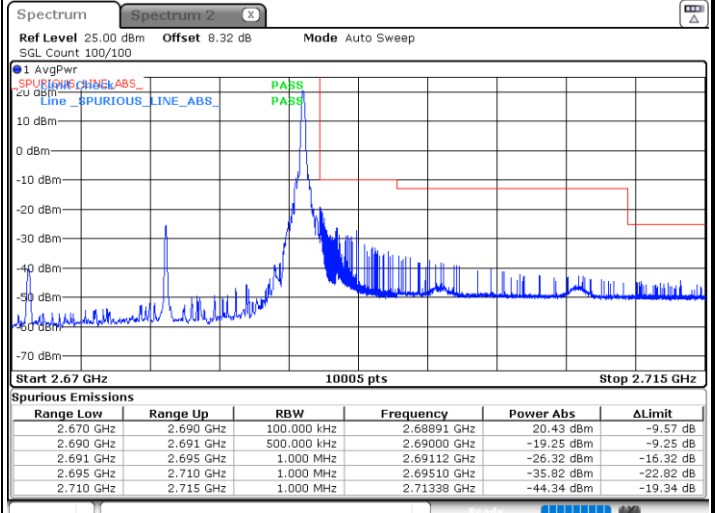
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



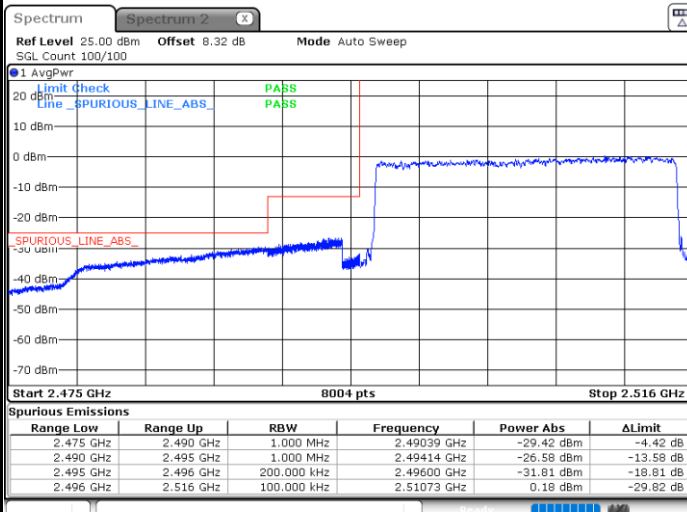
Date: 27.MAR.2024 10:25:00

Highest Band Edge / 1 RB



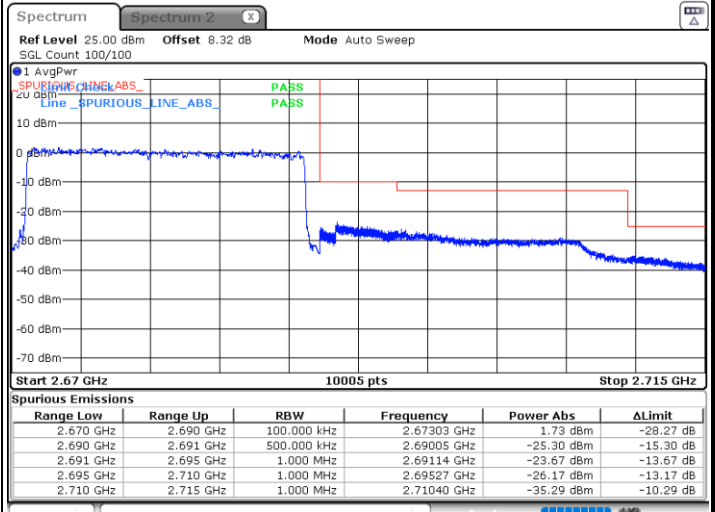
Date: 27.MAR.2024 10:38:30

Lowest Band Edge / Full RB



Date: 27.MAR.2024 10:34:56

Highest Band Edge / Full RB

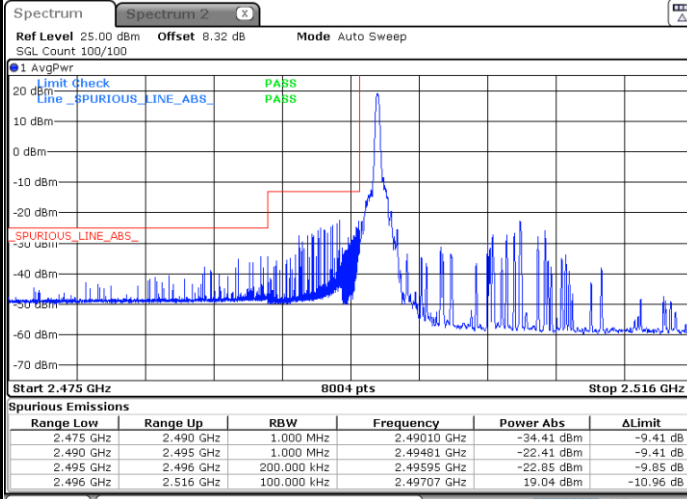


Date: 27.MAR.2024 10:36:50



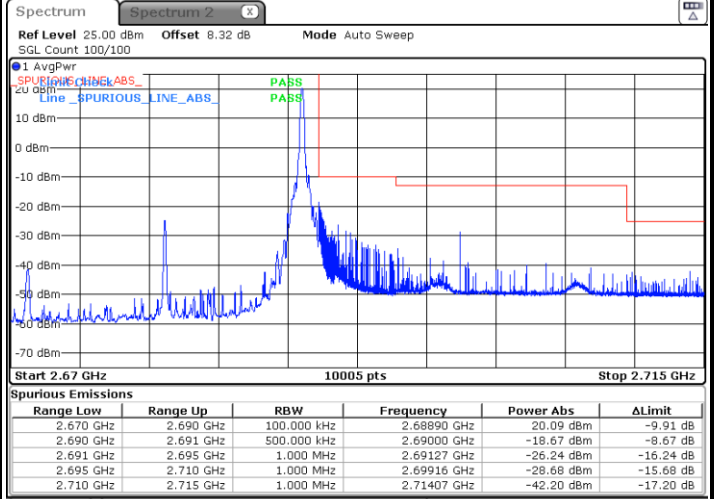
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



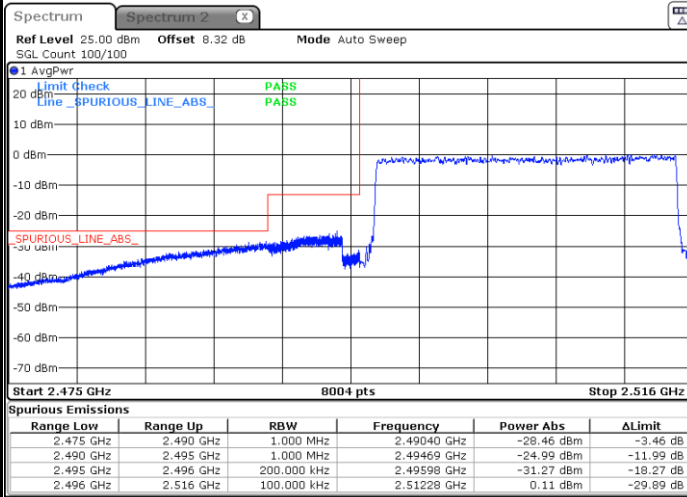
Date: 27.MAR.2024 10:25:50

Highest Band Edge / 1 RB



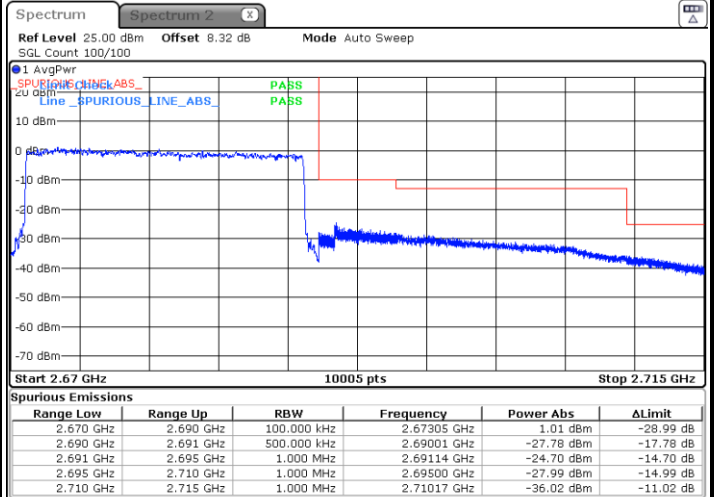
Date: 27.MAR.2024 10:38:59

Lowest Band Edge / Full RB



Date: 27.MAR.2024 10:35:31

Highest Band Edge / Full RB

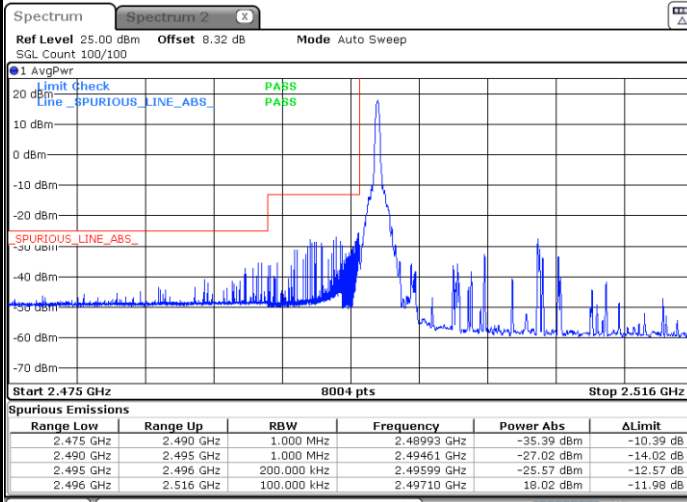


Date: 27.MAR.2024 10:37:18



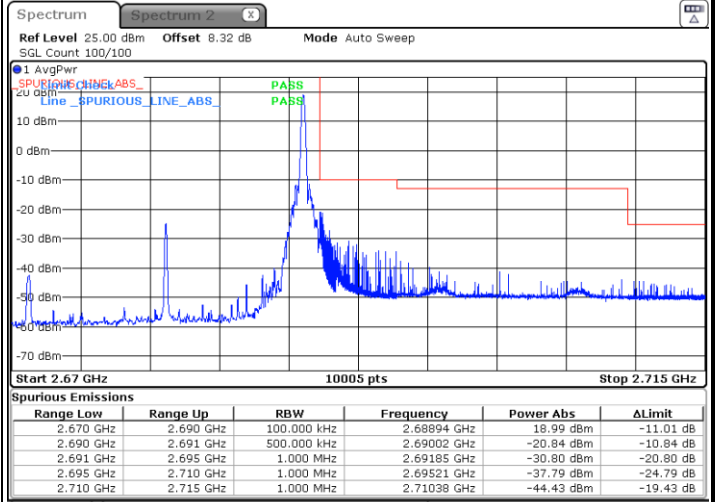
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



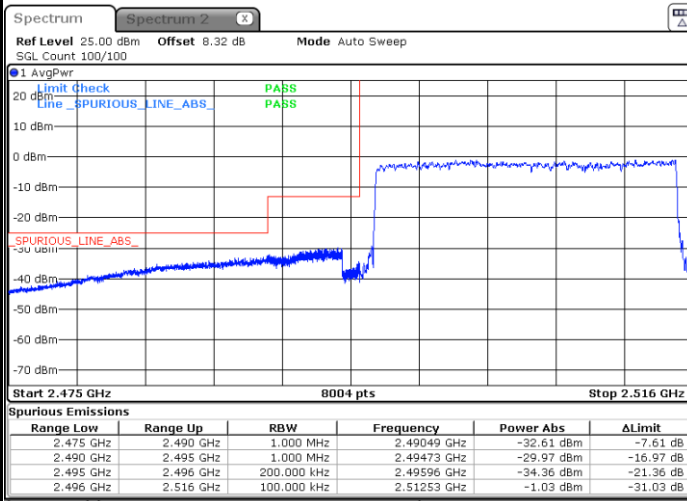
Date: 27.MAR.2024 10:34:19

Highest Band Edge / 1 RB



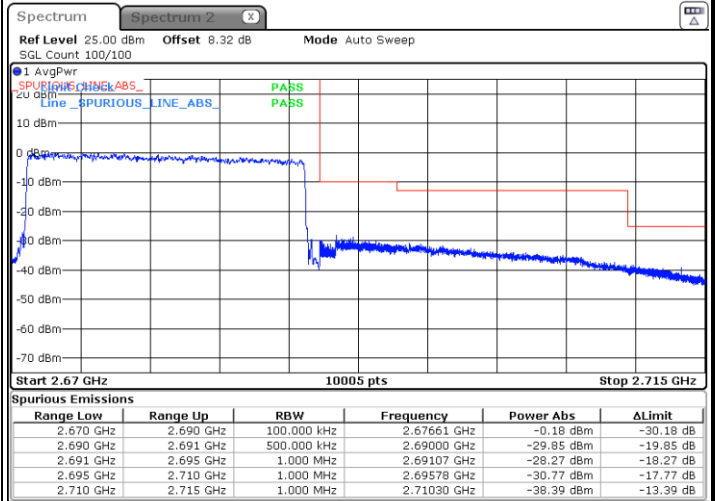
Date: 27.MAR.2024 10:39:33

Lowest Band Edge / Full RB



Date: 27.MAR.2024 10:36:18

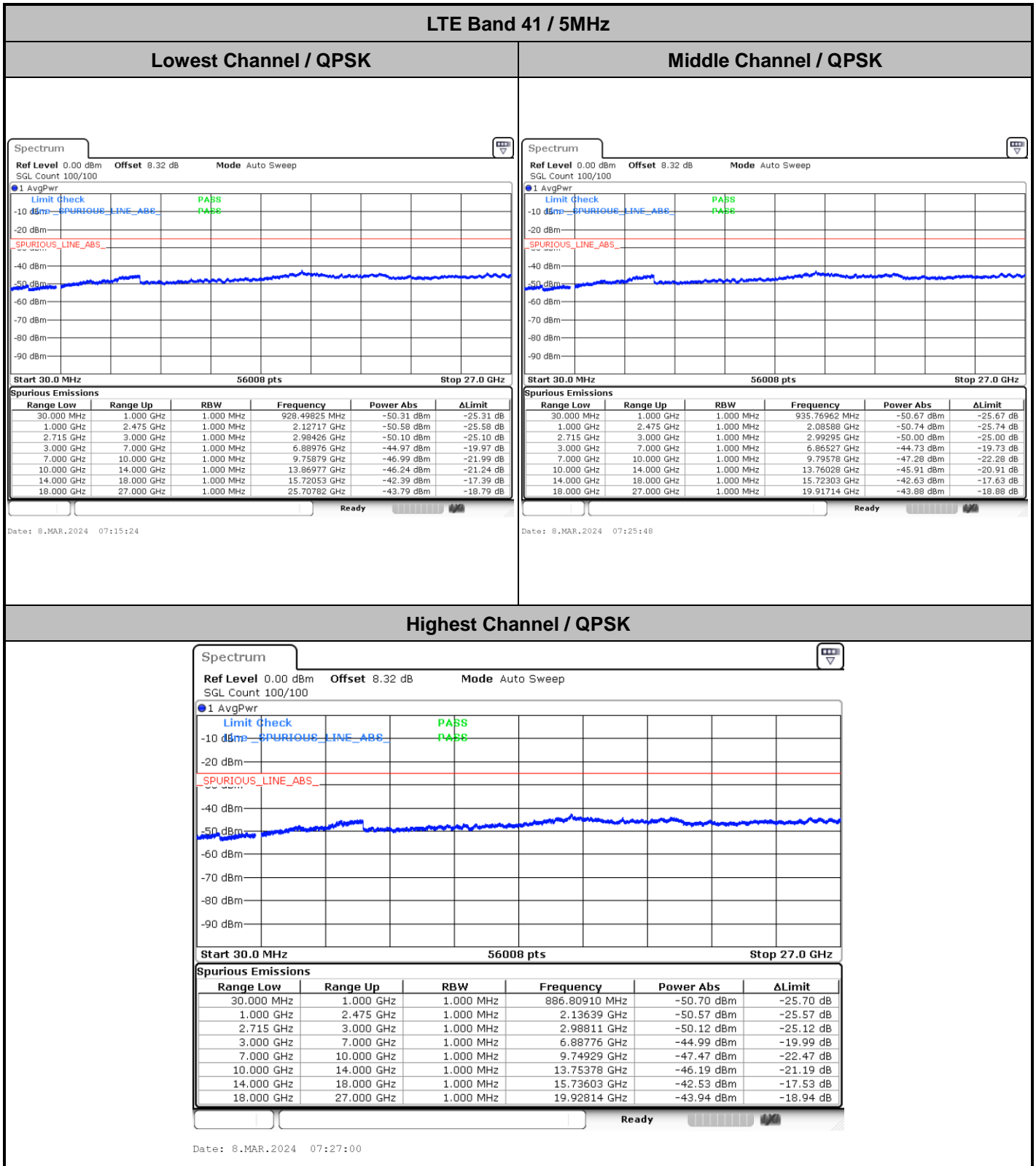
Highest Band Edge / Full RB



Date: 27.MAR.2024 10:37:51



Conducted Spurious Emission

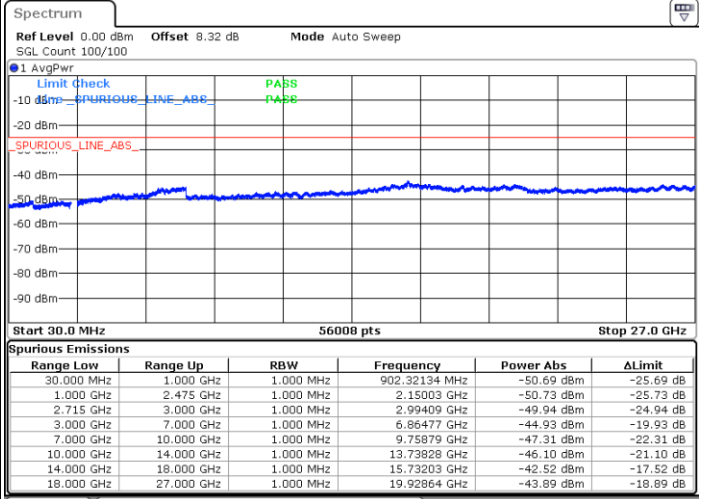
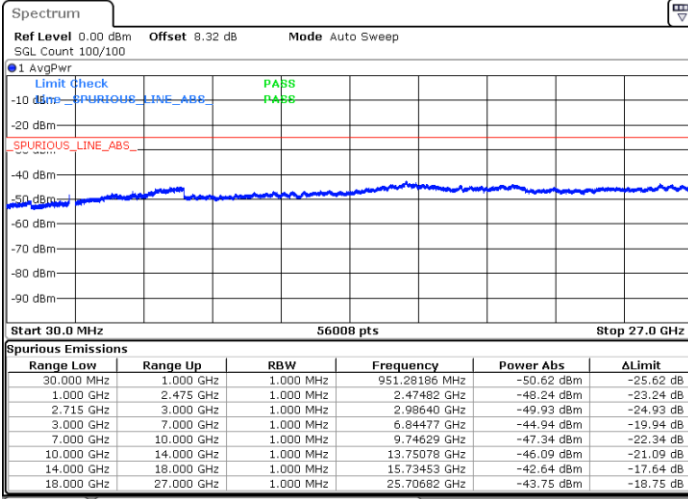




LTE Band 41 / 10MHz

Lowest Channel / QPSK

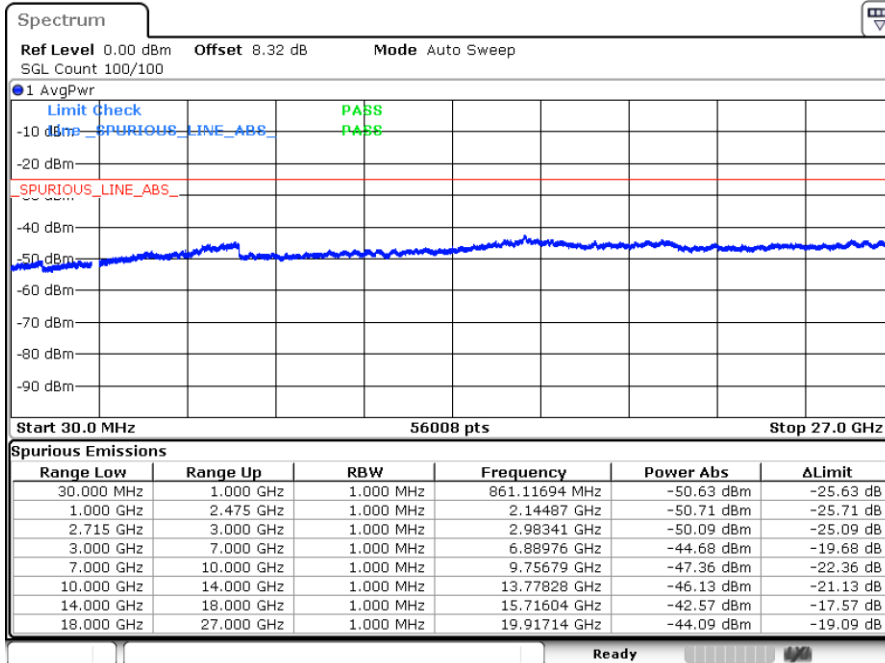
Middle Channel / QPSK



Date: 8.MAR.2024 07:32:31

Date: 8.MAR.2024 07:44:59

Highest Channel / QPSK



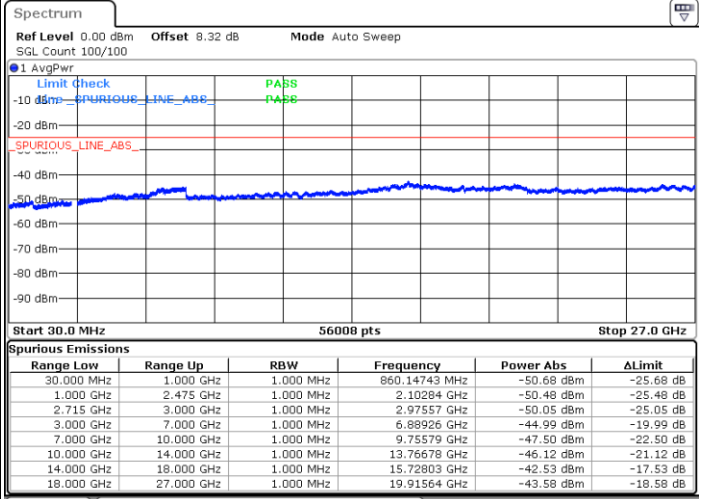
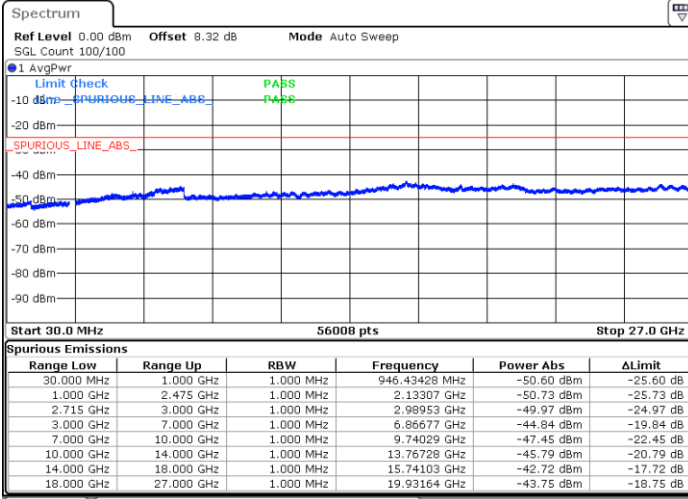
Date: 8.MAR.2024 07:46:41



LTE Band 41 / 20MHz

Lowest Channel / QPSK

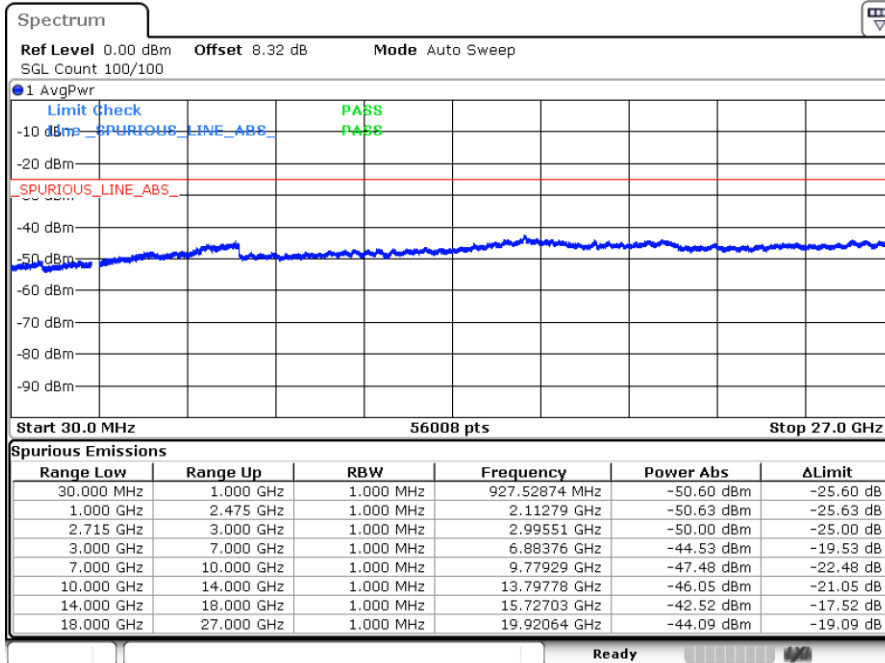
Middle Channel / QPSK



Date: 8.MAR.2024 08:17:17

Date: 8.MAR.2024 08:10:28

Highest Channel / QPSK



Date: 8.MAR.2024 08:24:36



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	0.0019	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.53V.
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 :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the support Antennas, only the worst results are shown in the report.

LTE Band 2 / 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	3735	-62.63	-13	-49.63	-74.89	2.64	14.90	H
	5610	-62.22	-13	-49.22	-74.08	2.94	14.80	H
	7485	-56.85	-13	-43.85	-66.62	3.39	13.16	H
	3735	-59.94	-13	-46.94	-72.20	2.64	14.90	V
	5610	-59.17	-13	-46.17	-71.03	2.94	14.80	V
	7485	-51.10	-13	-38.10	-60.87	3.39	13.16	V

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

LTE Band 4 / 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	3450	-66.41	-13	-53.41	-77.15	2.604	13.34	H
	5175	-60.80	-13	-47.80	-71.31	3.011	13.52	H
	6900	-60.99	-13	-47.99	-71.19	3.271	13.47	H
	8610	-60.19	-13	-47.19	-67.16	5.527	12.5	H
	3450	-65.43	-13	-52.43	-76.17	2.604	13.34	V
	5175	-59.89	-13	-46.89	-70.40	3.011	13.52	V
	6900	-58.49	-13	-45.49	-68.69	3.271	13.47	V
	8610	-51.91	-13	-38.91	-58.88	5.527	12.50	V

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

LTE Band 5 / 10MHz / 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	1664	-65.42	-13	-52.42	-72.39	1.58	10.70	H
	2496	-62.25	-13	-49.25	-70.50	2.102	12.50	H
	3328	-61.21	-13	-48.21	-70.10	2.856	13.90	H
	1664	-64.59	-13	-51.59	-71.56	1.58	10.70	V
	2496	-60.50	-13	-47.50	-68.75	2.10	12.50	V
	3328	-60.95	-13	-47.95	-69.84	2.86	13.90	V

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



LTE Band 7 / 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	5050	-65.58	-25	-40.58	-75.79	3.03	13.24	H
	7584	-53.61	-25	-28.61	-63.06	3.56	13.01	H
	10104	-58.99	-25	-33.99	-68.51	3.92	13.44	H
	5050	-65.52	-25	-40.52	-75.73	3.03	13.24	V
	7584	-54.38	-25	-29.38	-63.83	3.56	13.01	V
	10104	-60.57	-25	-35.57	-70.09	3.92	13.44	V

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

LTE Band 12 / 10MHz / 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	1408	-68.47	-13	-55.47	-75.44	1.58	10.70	H
	2112	-63.38	-13	-50.38	-71.63	2.102	12.50	H
	2816	-60.53	-13	-47.53	-69.42	2.856	13.90	H
	1408	-67.90	-13	-54.90	-74.87	1.58	10.70	V
	2112	-62.36	-13	-49.36	-70.61	2.10	12.50	V
	2816	-60.10	-13	-47.10	-68.99	2.86	13.90	V

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

LTE Band 41 / 20MHz / QPSK / ANT1 / Main PA								
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	-64.50	-25	-39.50	-74.71	3.03	13.24	H
	7752	-53.68	-25	-28.68	-63.13	3.56	13.01	H
	10342	-60.50	-25	-35.50	-70.02	3.92	13.44	H
	12918	-52.91	-25	-27.91	-62.83	4.44	14.36	H
	15508	-59.10	-25	-34.10	-69.47	4.77	15.14	H
	5162	-65.05	-25	-40.05	-75.26	3.03	13.24	V
	7752	-57.56	-25	-32.56	-67.01	3.56	13.01	V
	10342	-56.42	-25	-31.42	-65.94	3.92	13.44	V
	12918	-57.69	-25	-32.69	-67.61	4.44	14.36	V
	15508	-55.16	-25	-30.16	-65.53	4.77	15.14	V

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



ENDC_41A_n77A / 20MHz + 100M / QPSK / ANT1+2 / Other PA								
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	-64.80	-25	-39.80	-75.01	3.03	13.24	H
	7752	-57.38	-25	-32.38	-66.83	3.56	13.01	H
	10342	-57.45	-25	-32.45	-66.97	3.92	13.44	H
	5162	-64.54	-25	-39.54	-74.75	3.03	13.24	V
	7752	-60.27	-25	-35.27	-69.72	3.56	13.01	V
	10342	-58.43	-25	-33.43	-67.95	3.92	13.44	V

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