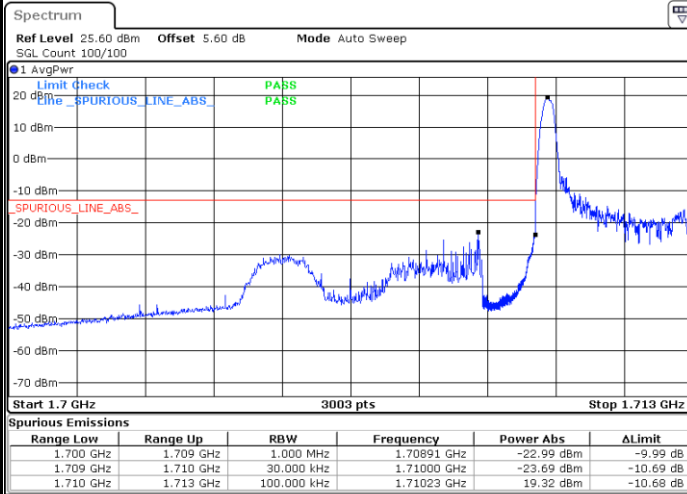




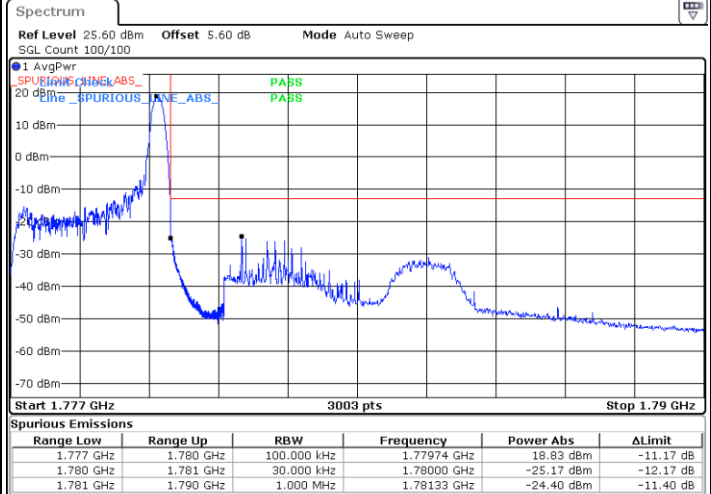
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



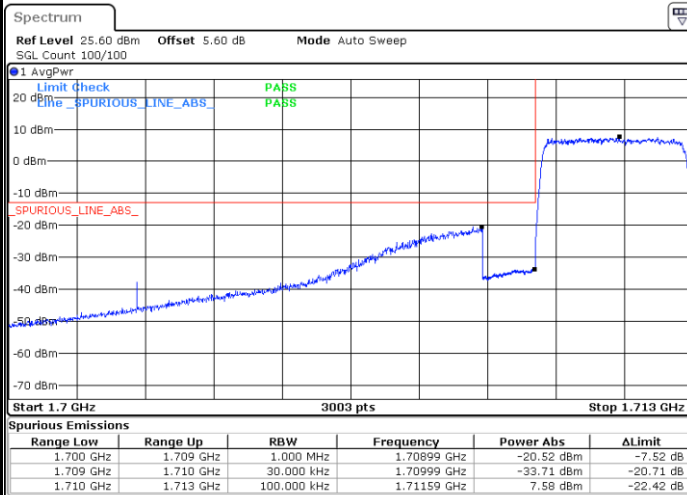
Date: 30.APR.2024 02:16:34

Highest Band Edge / 1 RB



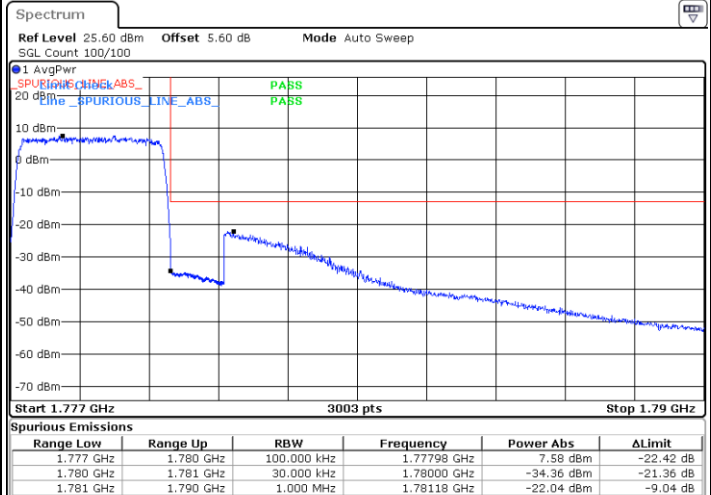
Date: 30.APR.2024 02:28:41

Lowest Band Edge / Full RB



Date: 30.APR.2024 02:20:35

Highest Band Edge / Full RB

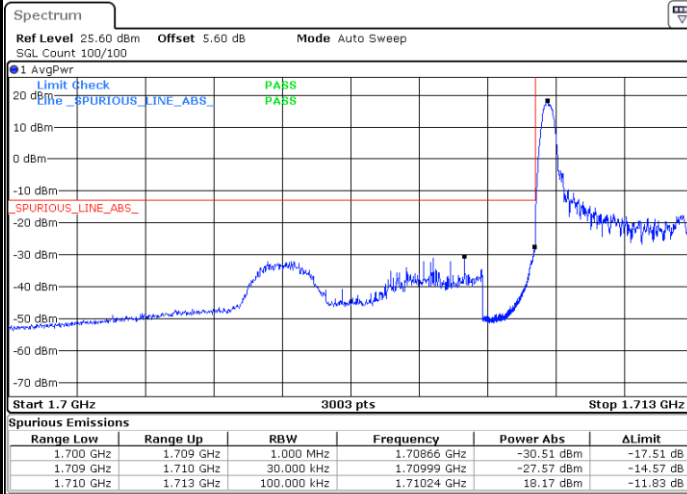


Date: 30.APR.2024 02:32:41



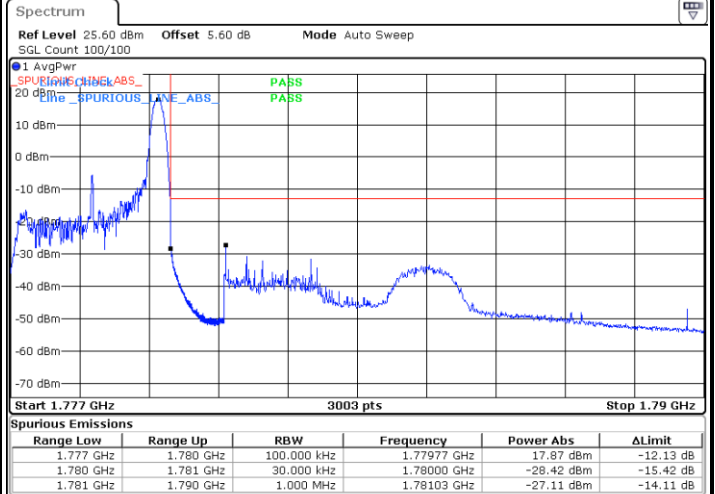
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



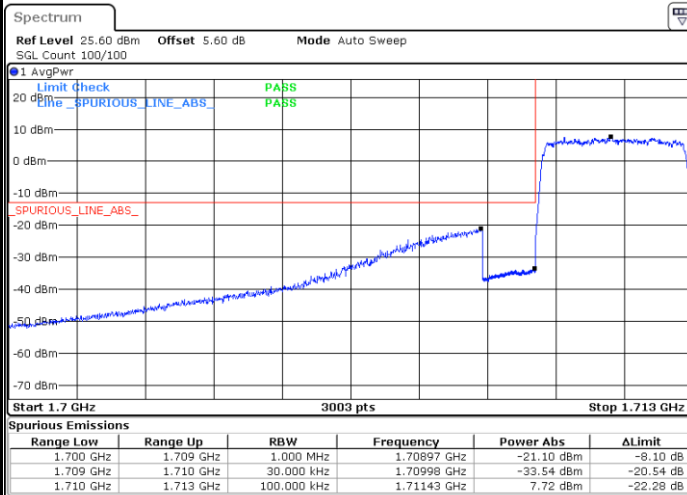
Date: 30.APR.2024 02:17:55

Highest Band Edge / 1 RB



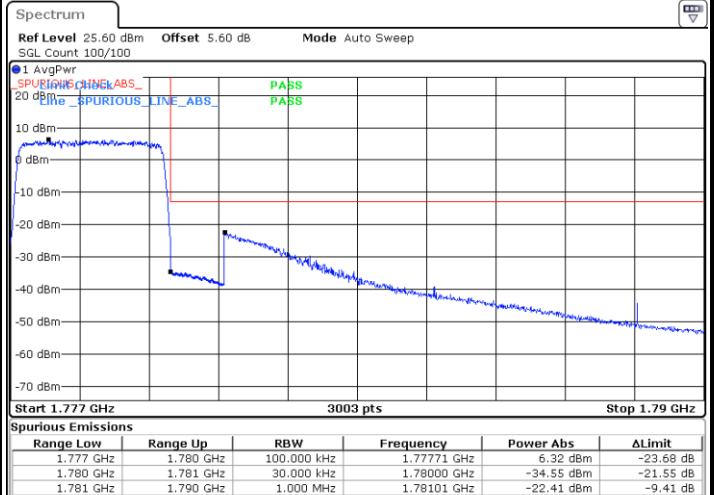
Date: 30.APR.2024 02:30:01

Lowest Band Edge / Full RB



Date: 30.APR.2024 02:19:15

Highest Band Edge / Full RB

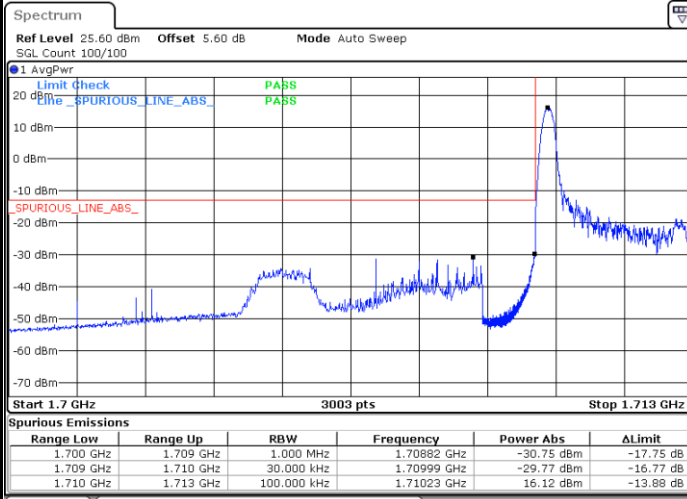


Date: 30.APR.2024 02:31:21



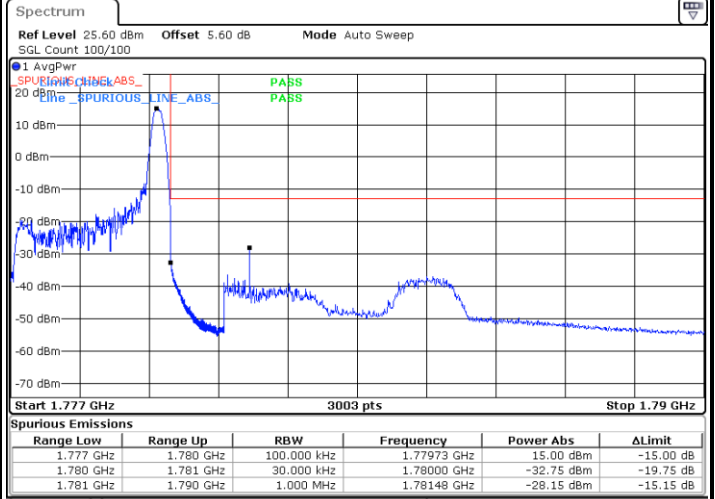
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



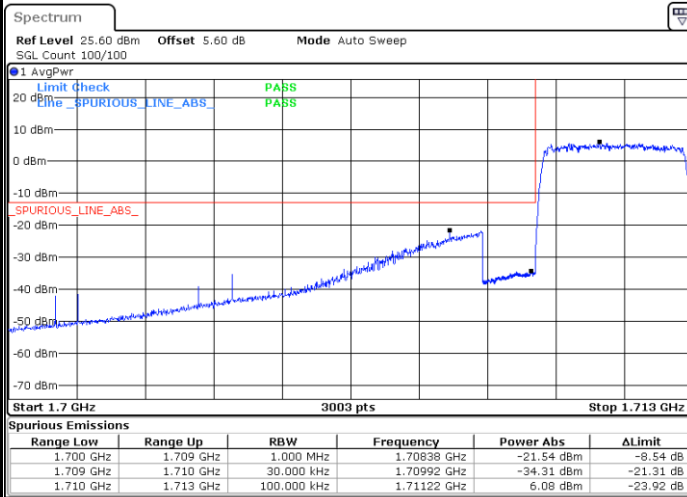
Date: 8.MAY.2024 03:12:17

Highest Band Edge / 1 RB



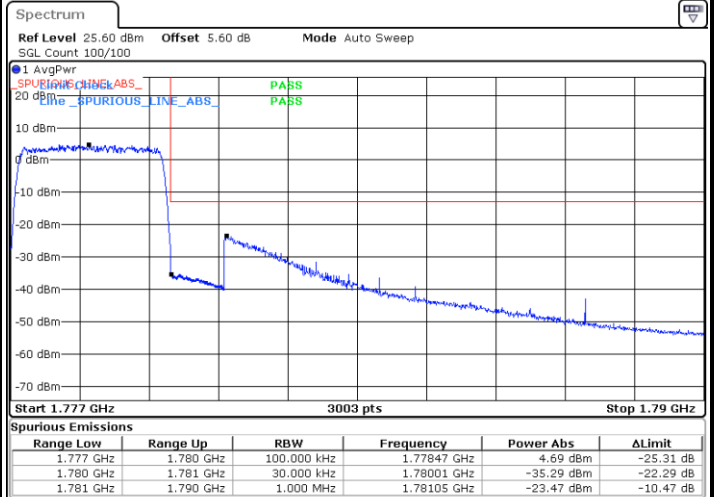
Date: 8.MAY.2024 03:16:43

Lowest Band Edge / Full RB



Date: 8.MAY.2024 03:13:41

Highest Band Edge / Full RB

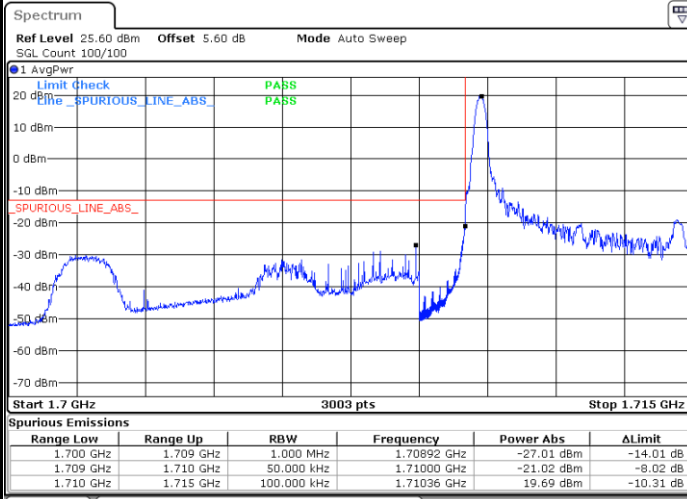


Date: 8.MAY.2024 03:15:28



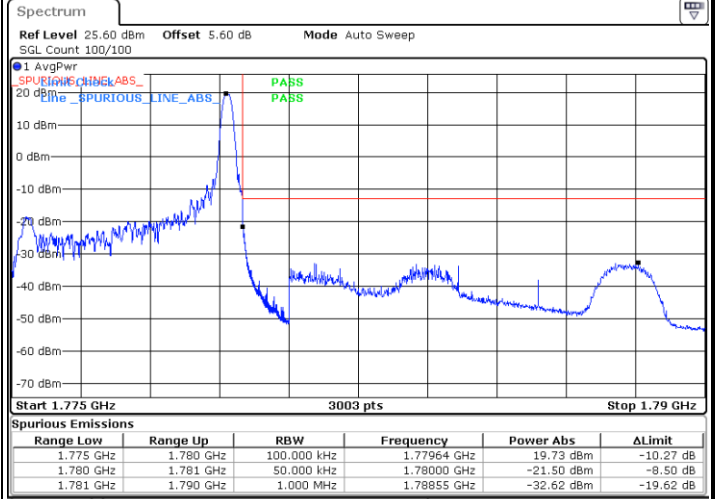
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



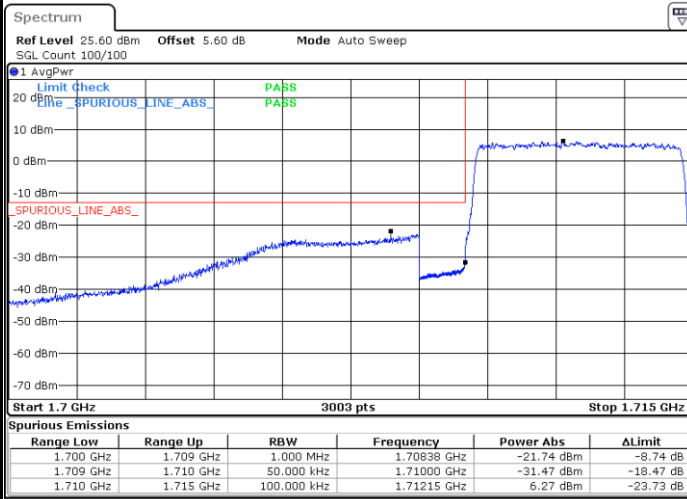
Date: 30.APR.2024 02:37:23

Highest Band Edge / 1 RB



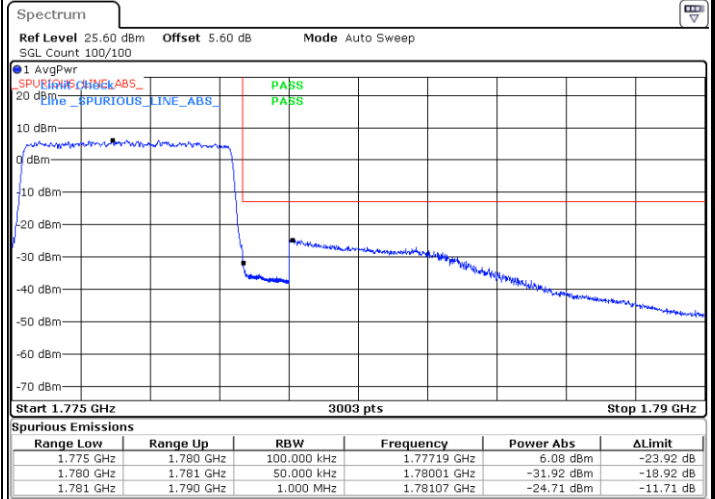
Date: 30.APR.2024 02:52:40

Lowest Band Edge / Full RB



Date: 30.APR.2024 02:47:52

Highest Band Edge / Full RB

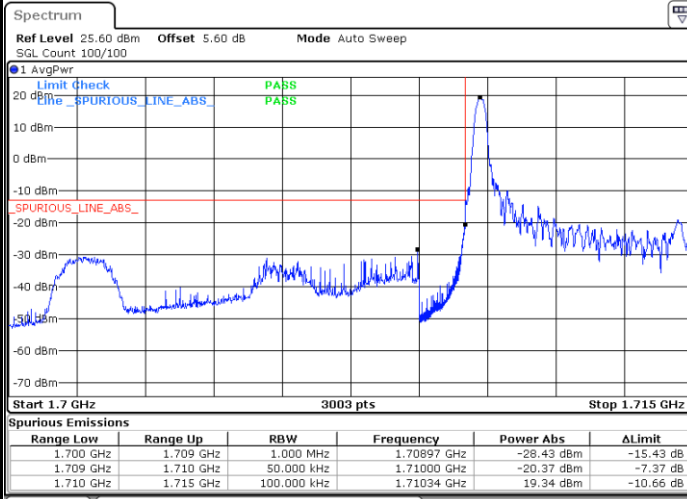


Date: 30.APR.2024 02:56:24

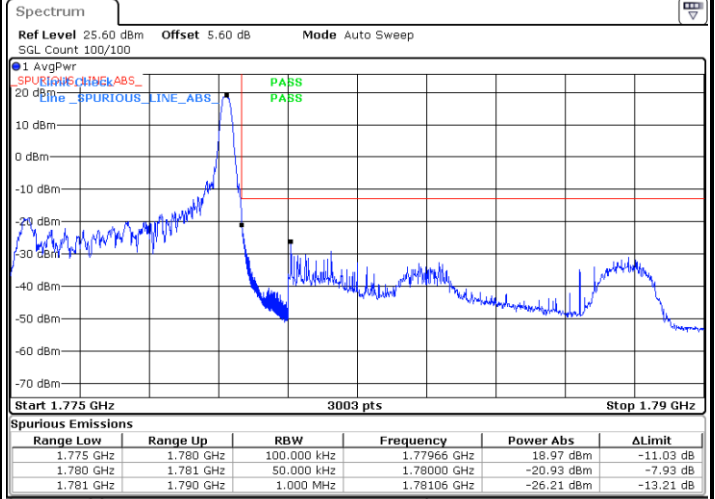


LTE Band 66 / 5MHz / 16QAM

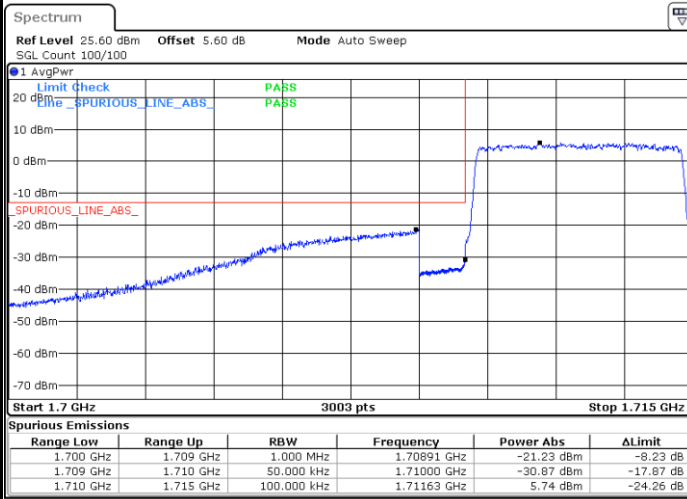
Lowest Band Edge / 1RB



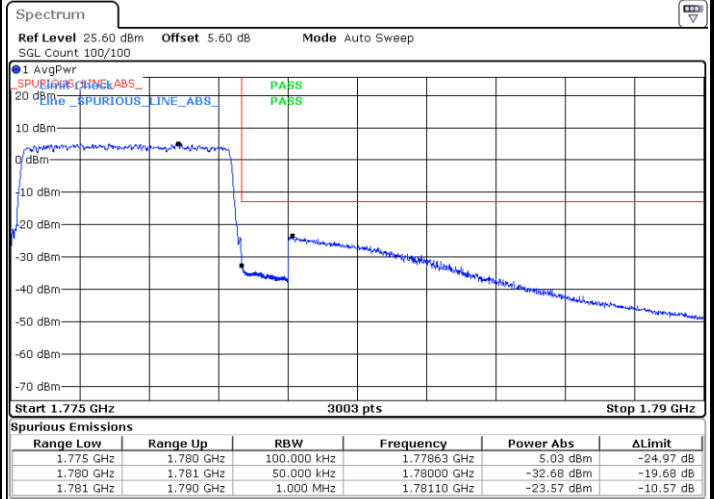
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



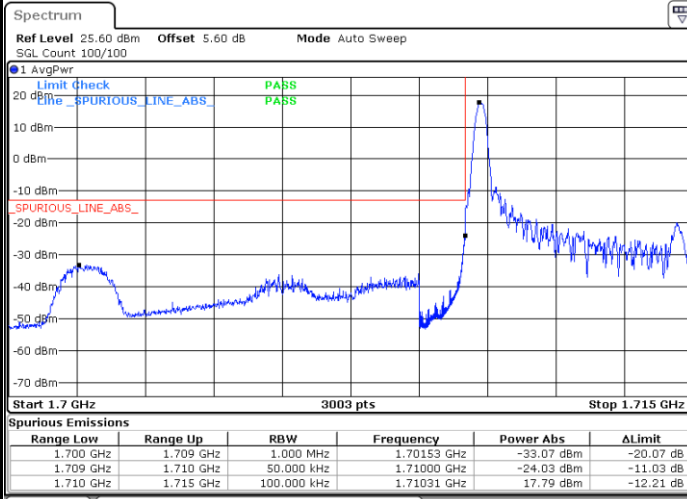
Highest Band Edge / Full RB





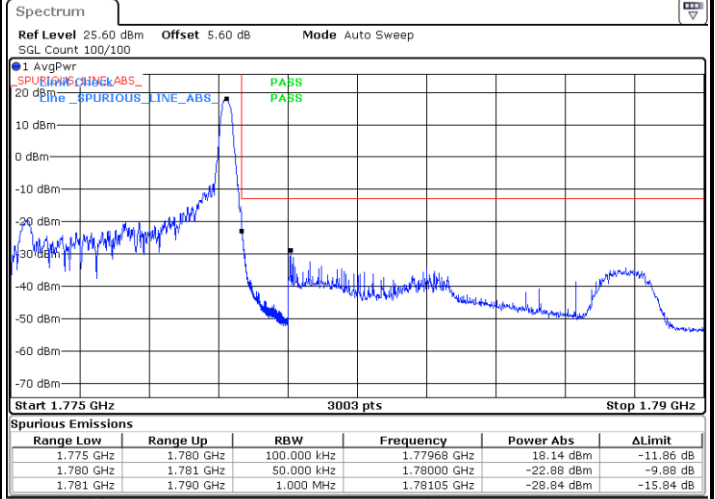
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



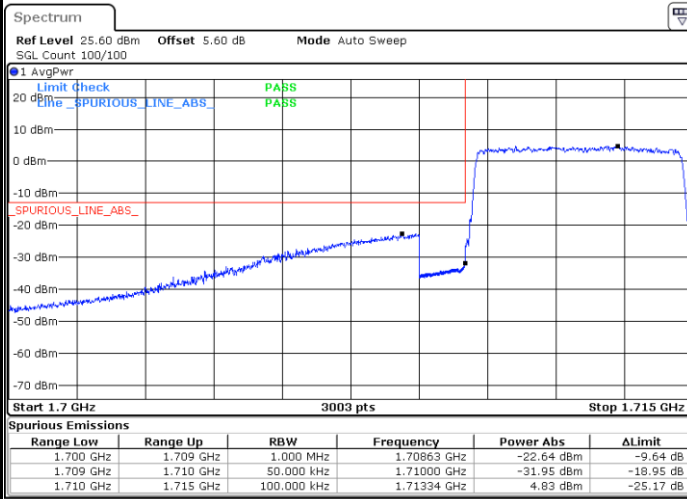
Date: 30.APR.2024 02:45:34

Highest Band Edge / 1 RB



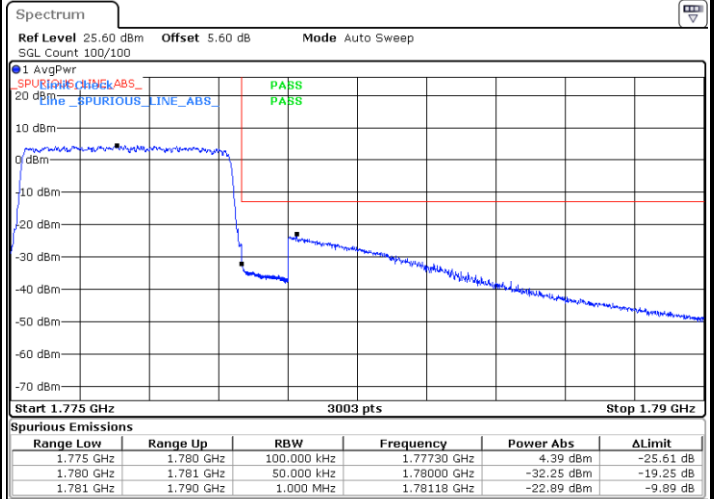
Date: 30.APR.2024 02:54:09

Lowest Band Edge / Full RB



Date: 30.APR.2024 02:46:19

Highest Band Edge / Full RB

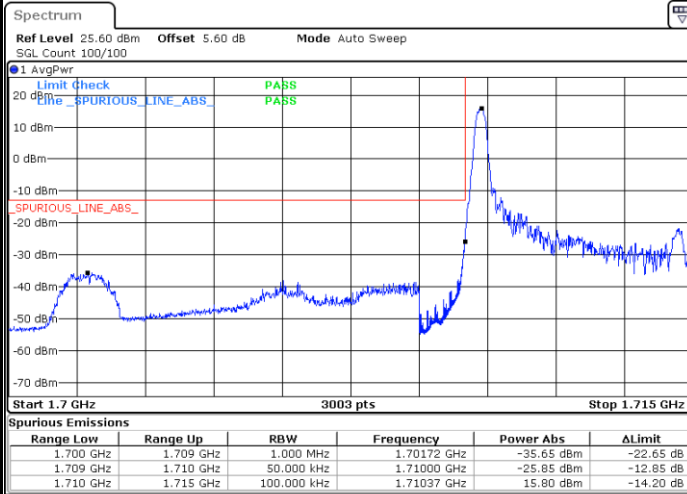


Date: 30.APR.2024 02:54:54



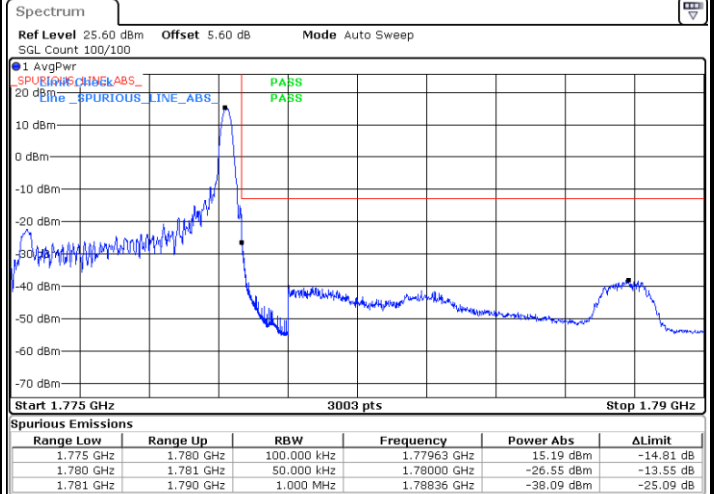
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



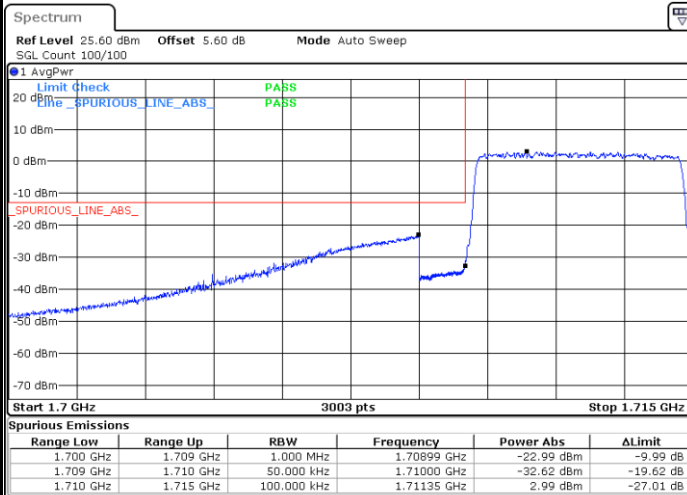
Date: 8.MAY.2024 03:18:34

Highest Band Edge / 1 RB



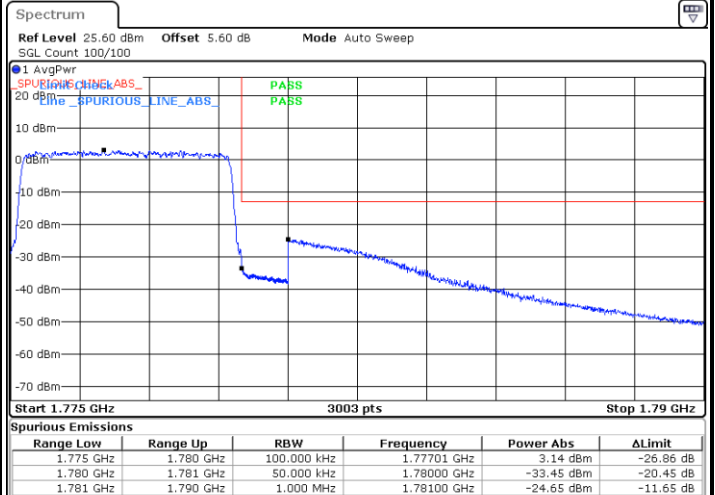
Date: 8.MAY.2024 03:20:37

Lowest Band Edge / Full RB



Date: 8.MAY.2024 03:19:15

Highest Band Edge / Full RB

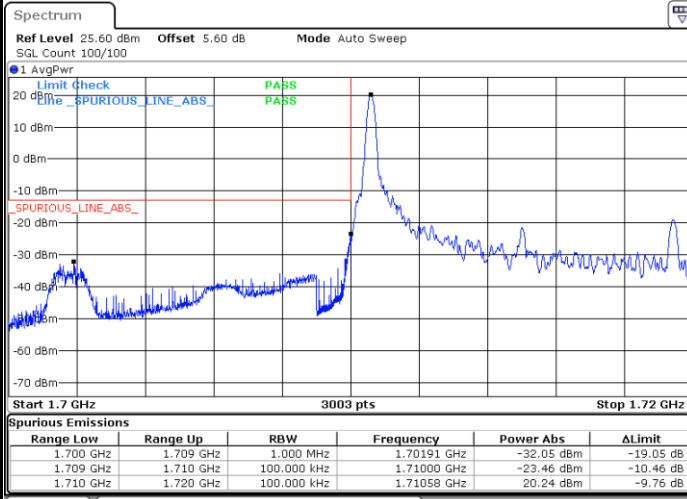


Date: 8.MAY.2024 03:19:58



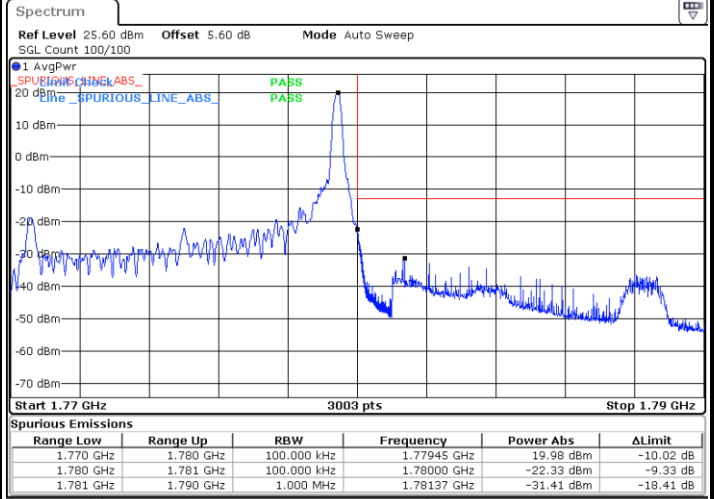
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



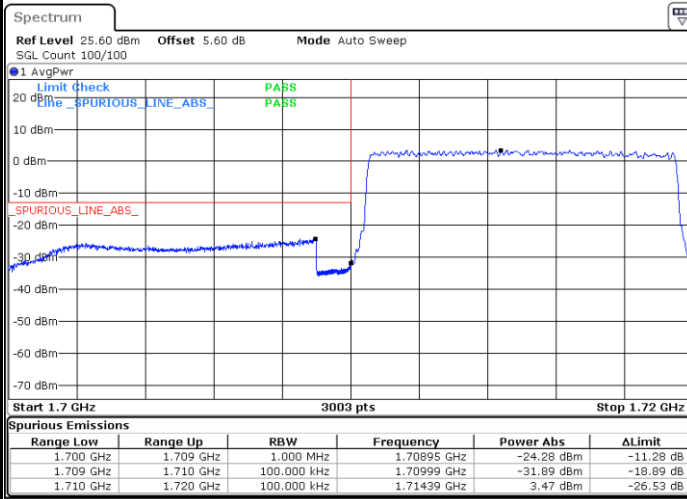
Date: 30.APR.2024 02:59:11

Highest Band Edge / 1 RB



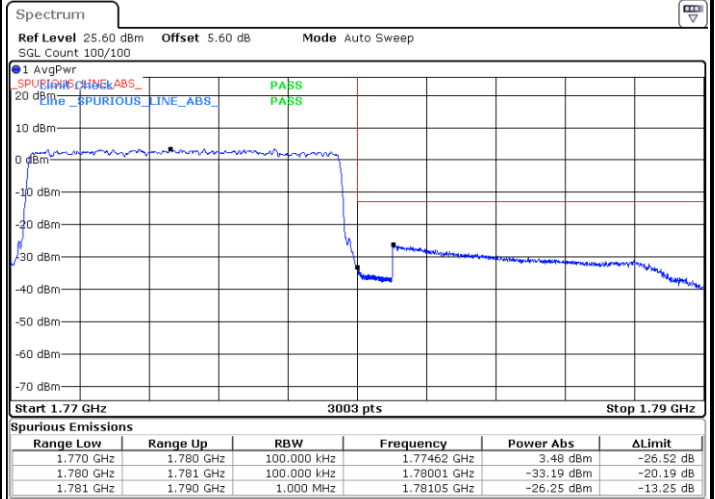
Date: 30.APR.2024 03:10:41

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:02:57

Highest Band Edge / Full RB



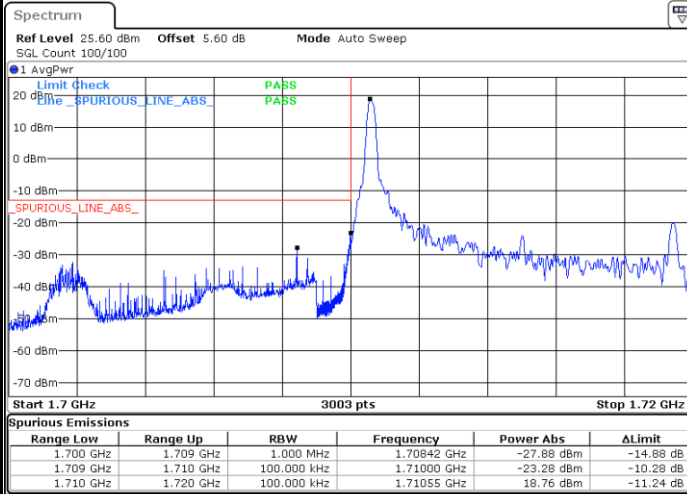
Date: 30.APR.2024 03:15:39





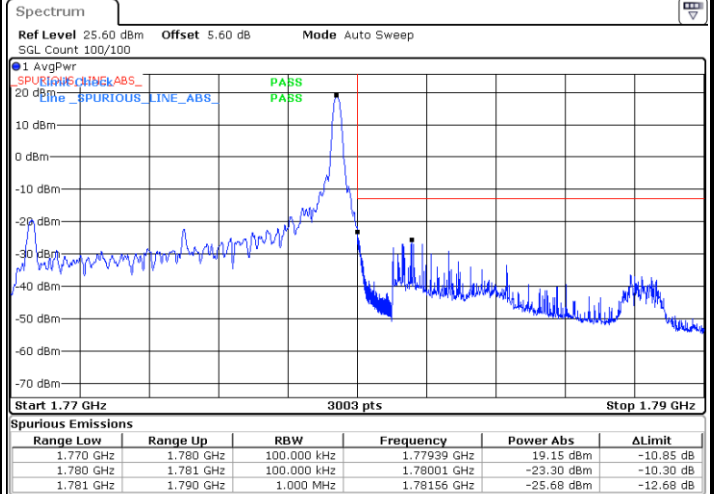
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



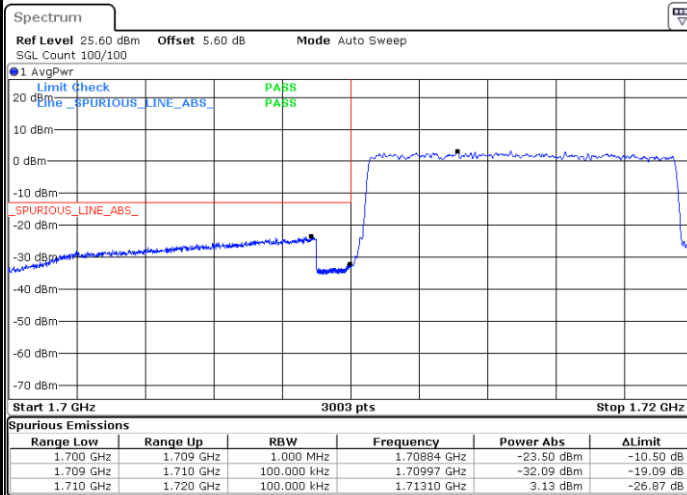
Date: 30.APR.2024 02:59:55

Highest Band Edge / 1 RB



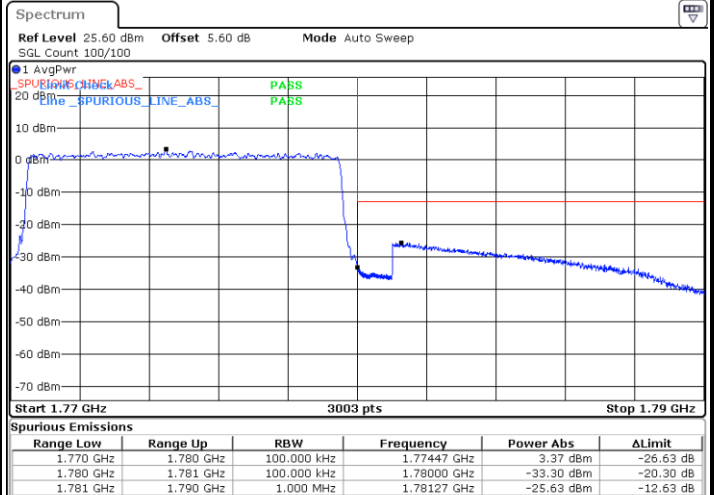
Date: 30.APR.2024 03:11:26

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:02:12

Highest Band Edge / Full RB

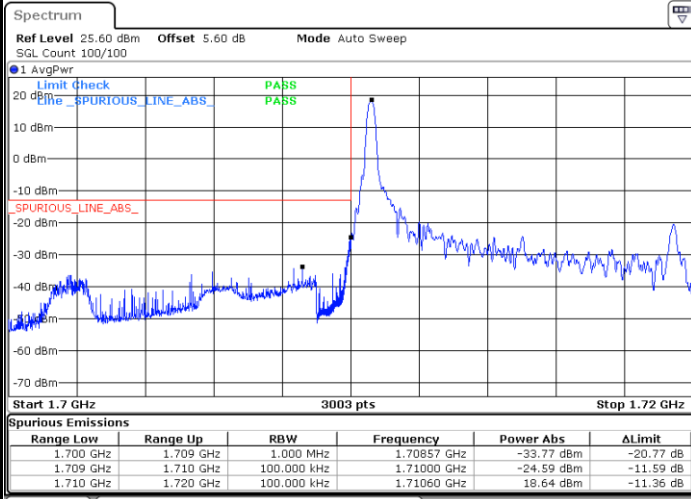


Date: 30.APR.2024 03:14:55



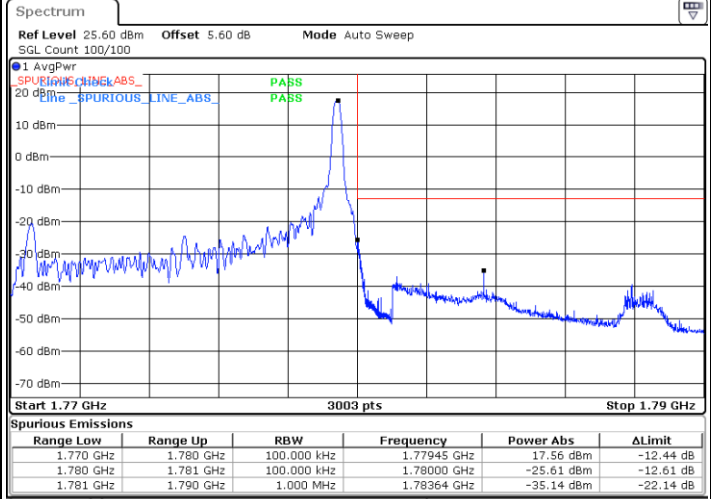
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



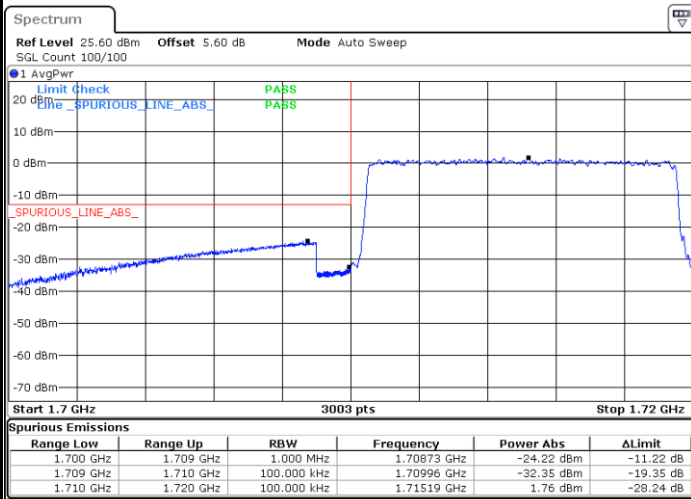
Date: 30.APR.2024 03:00:40

Highest Band Edge / 1 RB



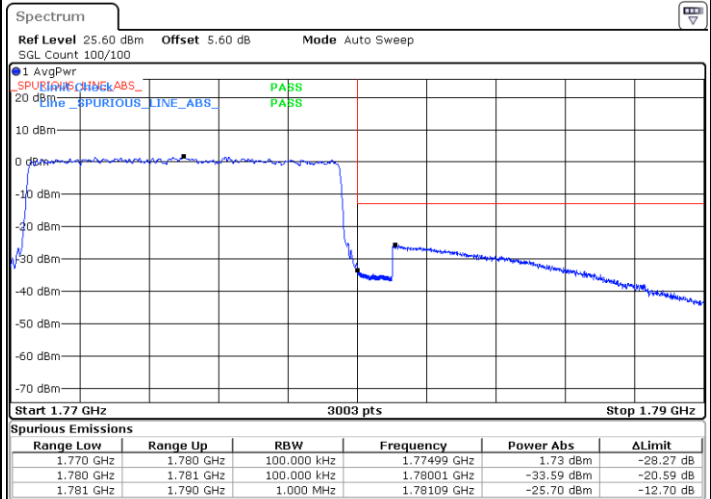
Date: 30.APR.2024 03:12:11

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:01:25

Highest Band Edge / Full RB



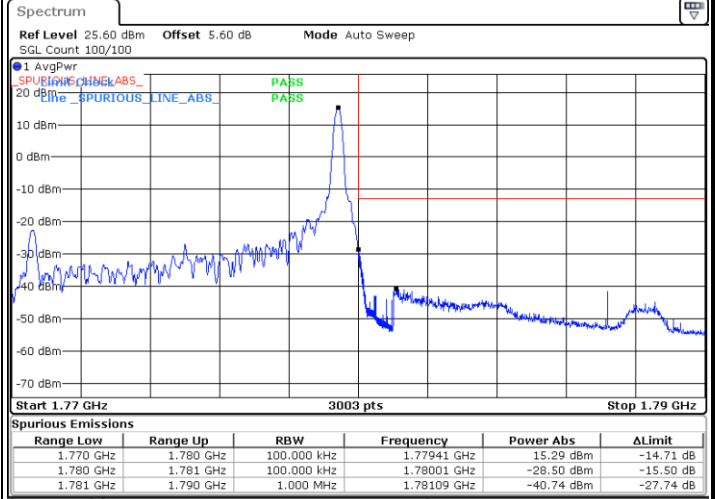
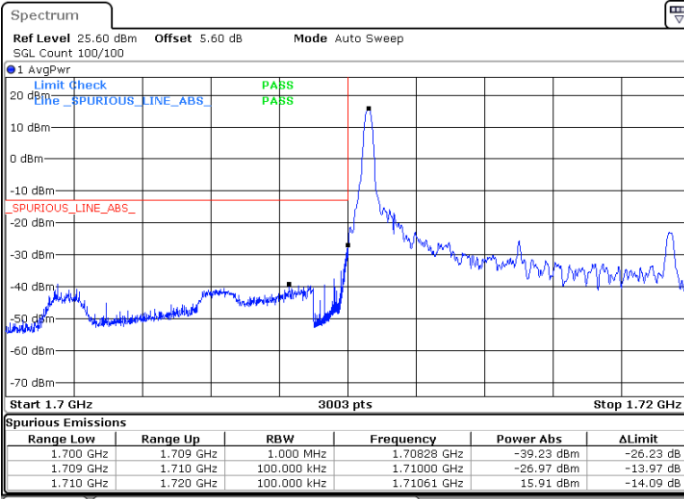
Date: 30.APR.2024 03:12:55



LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

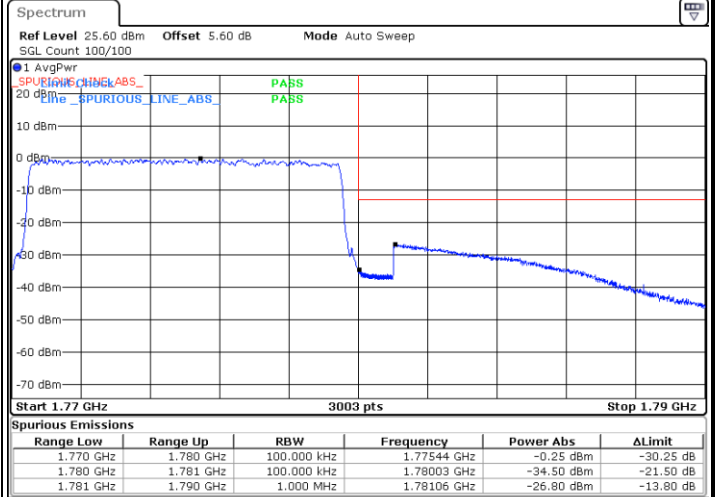
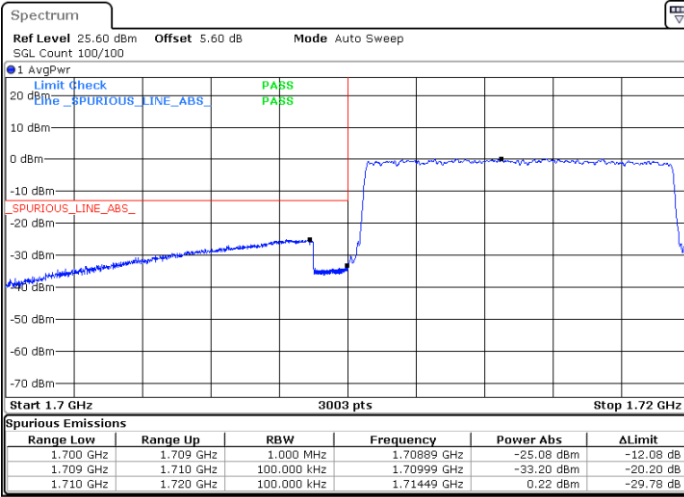


Date: 8.MAY.2024 03:22:06

Date: 8.MAY.2024 03:23:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



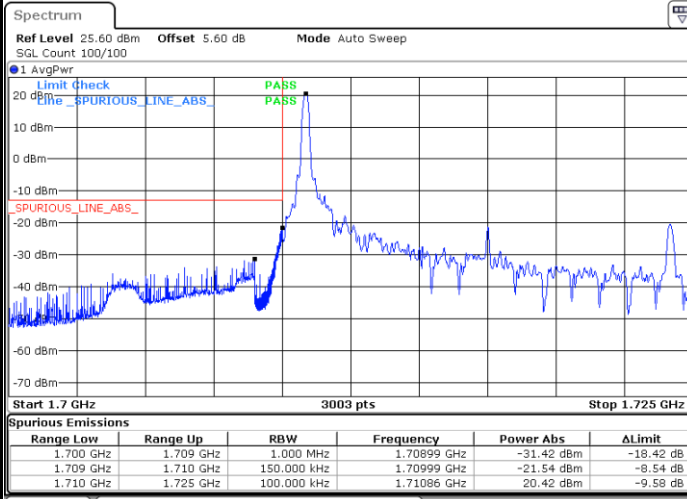
Date: 8.MAY.2024 03:22:30

Date: 8.MAY.2024 03:23:01



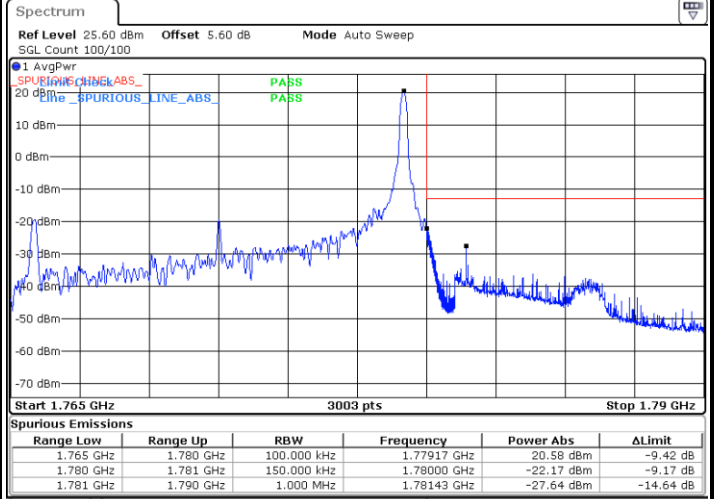
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



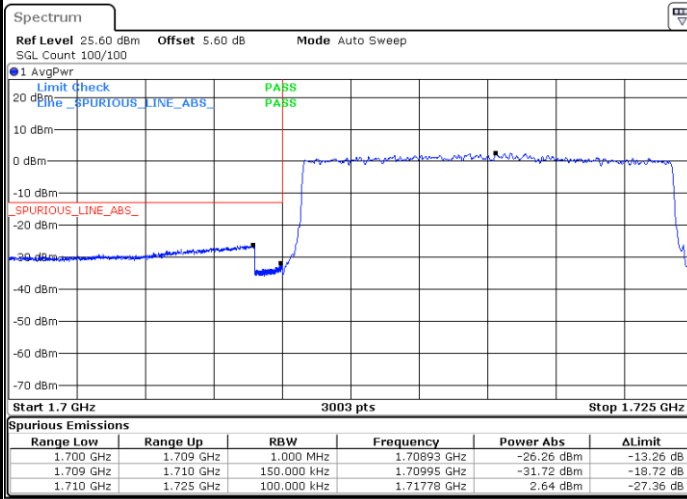
Date: 30.APR.2024 03:18:27

Highest Band Edge / 1 RB



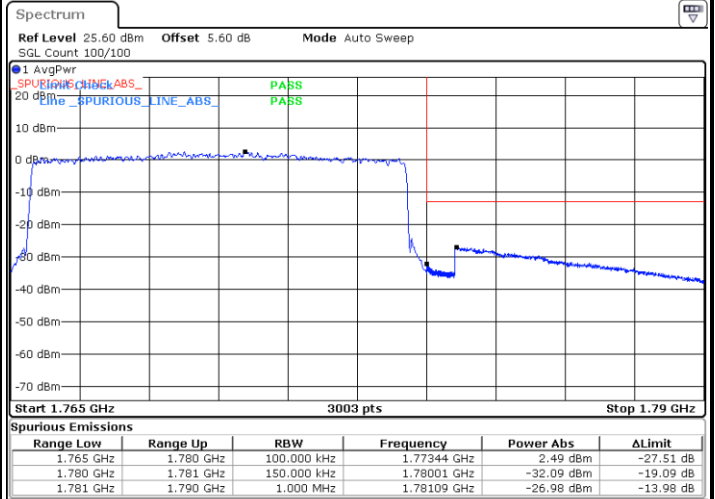
Date: 30.APR.2024 03:28:26

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:22:10

Highest Band Edge / Full RB

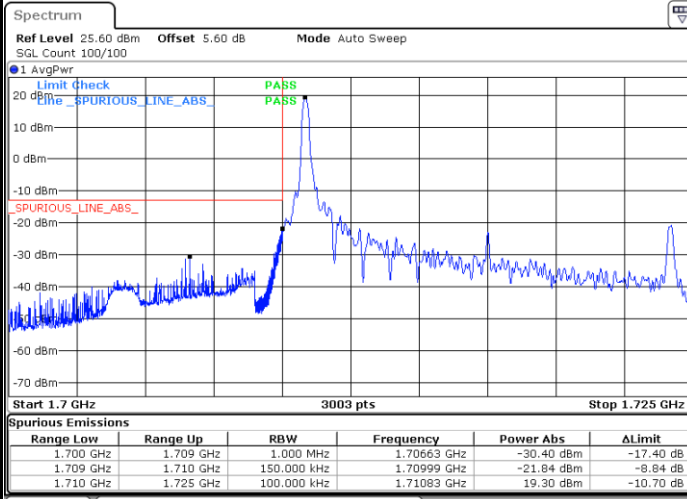


Date: 30.APR.2024 03:34:27



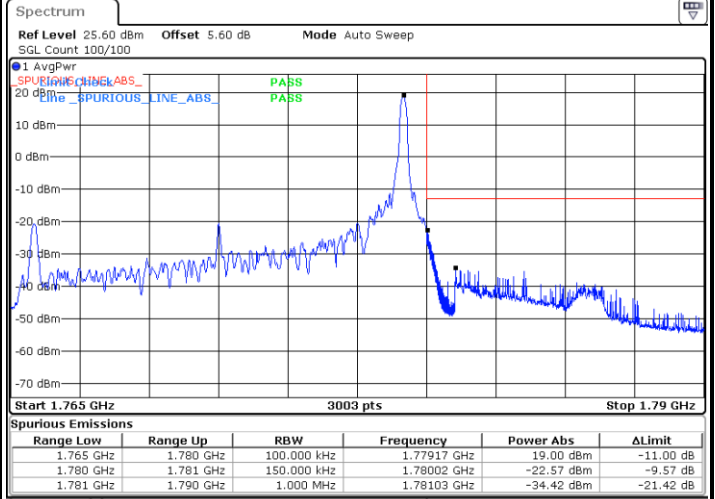
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



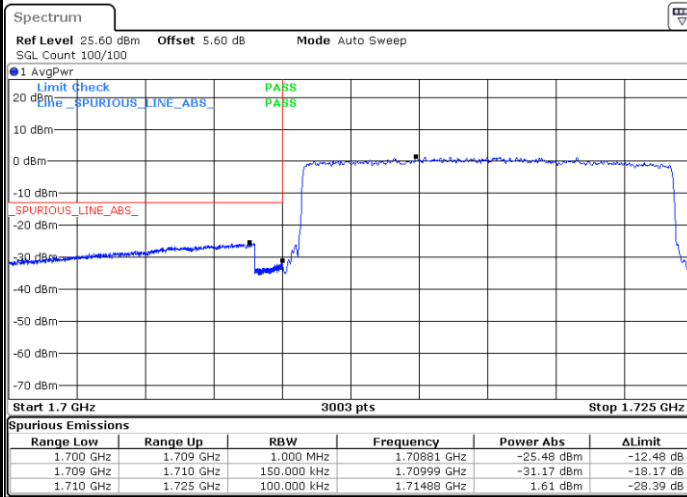
Date: 30.APR.2024 03:19:11

Highest Band Edge / 1 RB



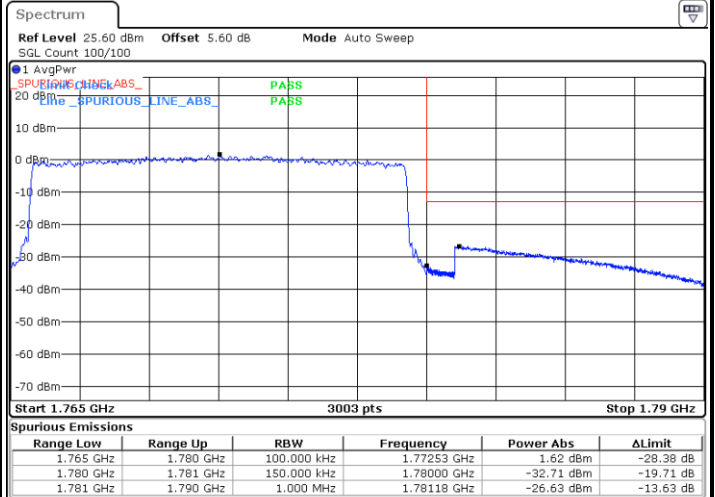
Date: 30.APR.2024 03:30:14

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:21:25

Highest Band Edge / Full RB

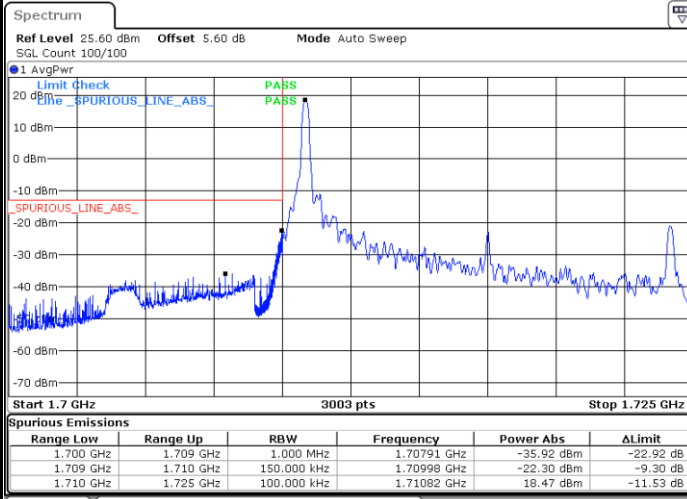


Date: 30.APR.2024 03:33:42



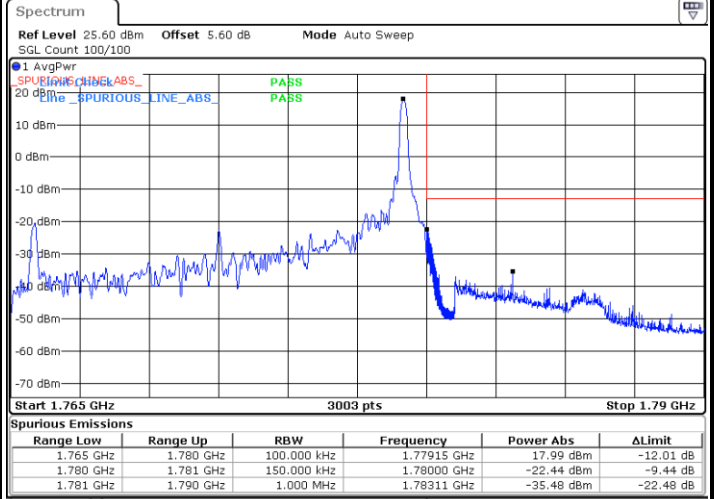
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



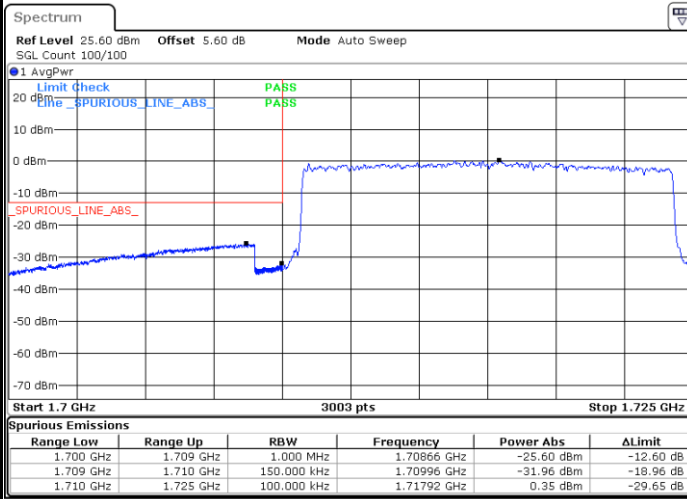
Date: 30.APR.2024 03:19:56

Highest Band Edge / 1 RB



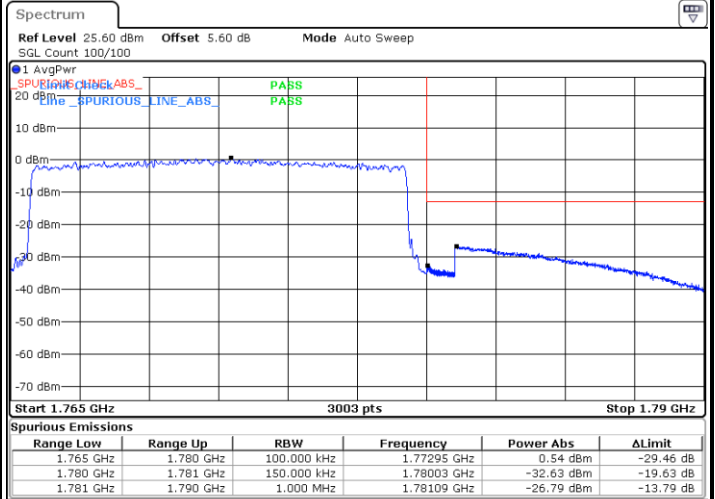
Date: 30.APR.2024 03:32:10

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:20:41

Highest Band Edge / Full RB

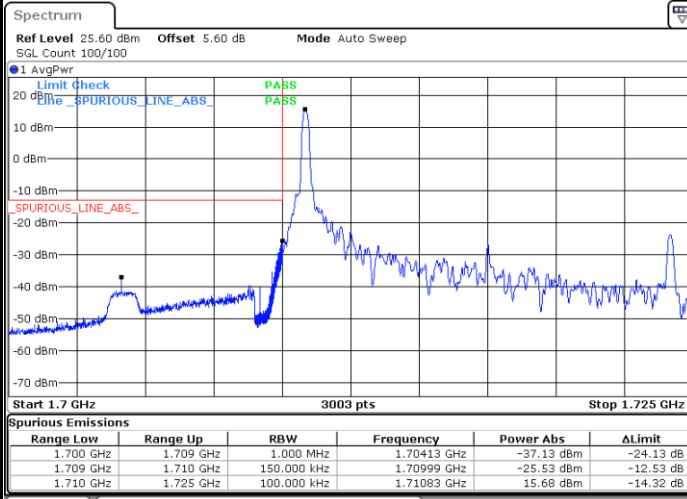


Date: 30.APR.2024 03:32:54



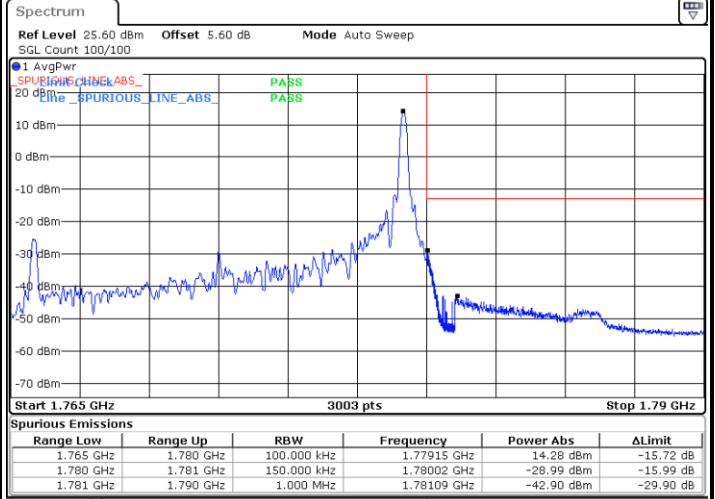
LTE Band 66 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



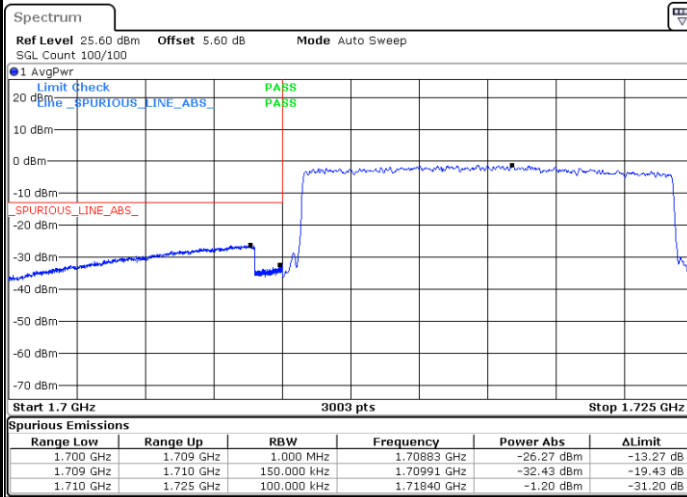
Date: 8.MAY.2024 03:24:41

Highest Band Edge / 1 RB



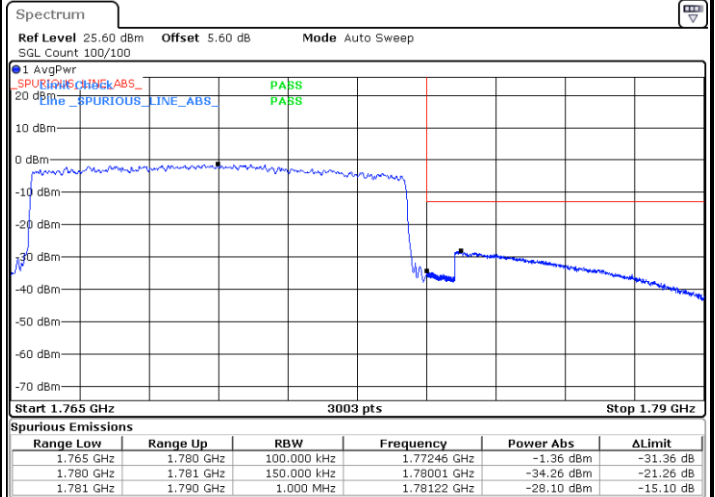
Date: 8.MAY.2024 03:26:26

Lowest Band Edge / Full RB



Date: 8.MAY.2024 03:25:03

Highest Band Edge / Full RB

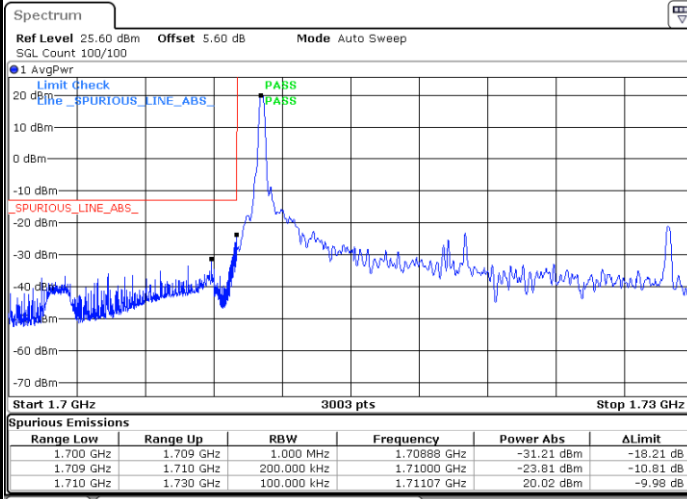


Date: 8.MAY.2024 03:25:57



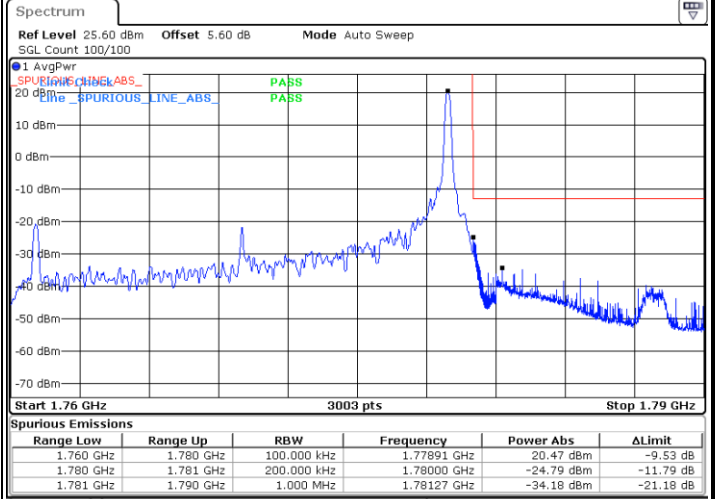
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



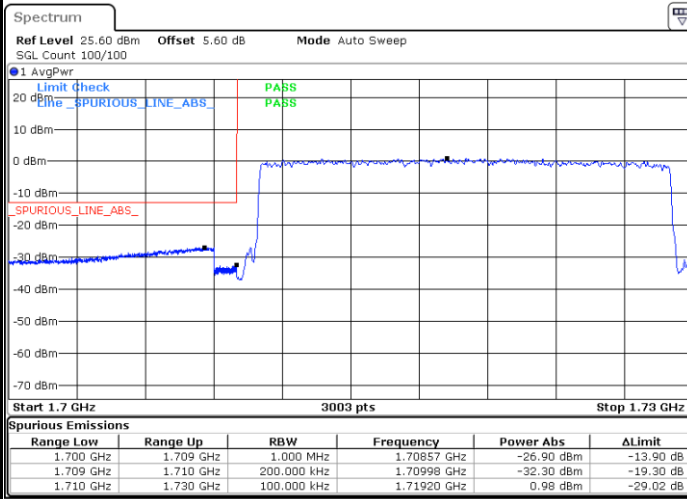
Date: 30.APR.2024 03:37:14

Highest Band Edge / 1 RB



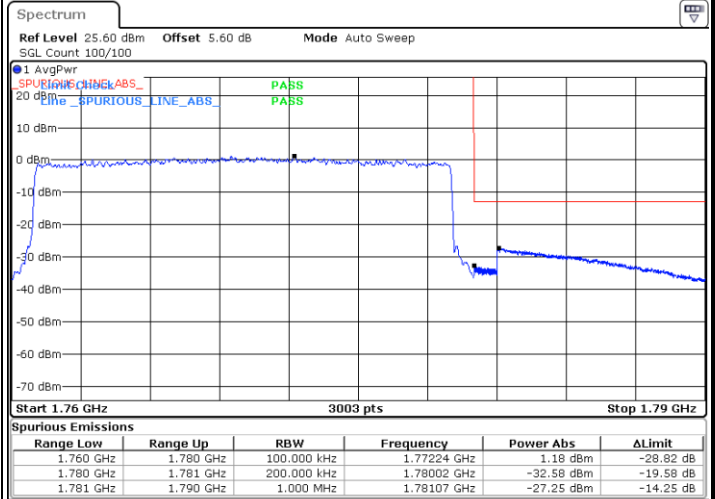
Date: 30.APR.2024 03:47:42

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:40:58

Highest Band Edge / Full RB



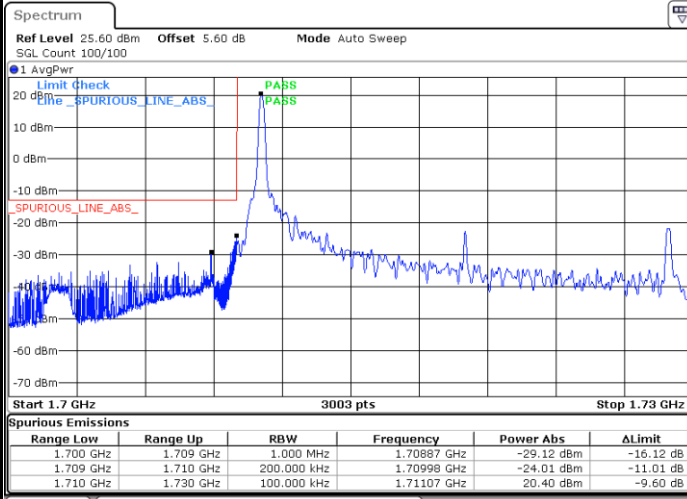
Date: 30.APR.2024 03:51:29





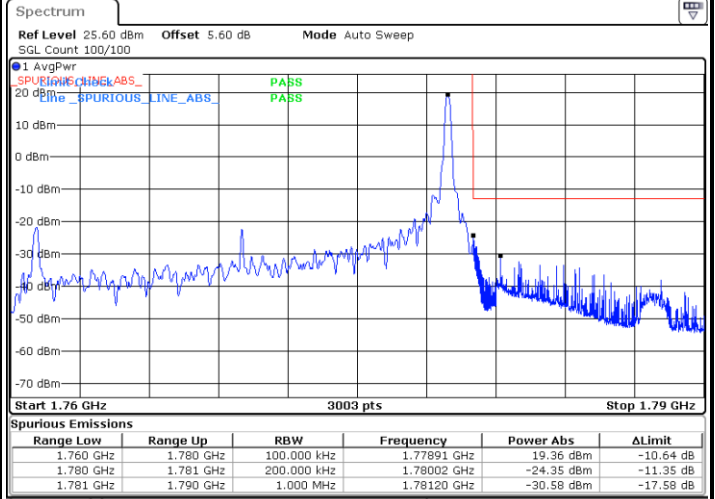
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



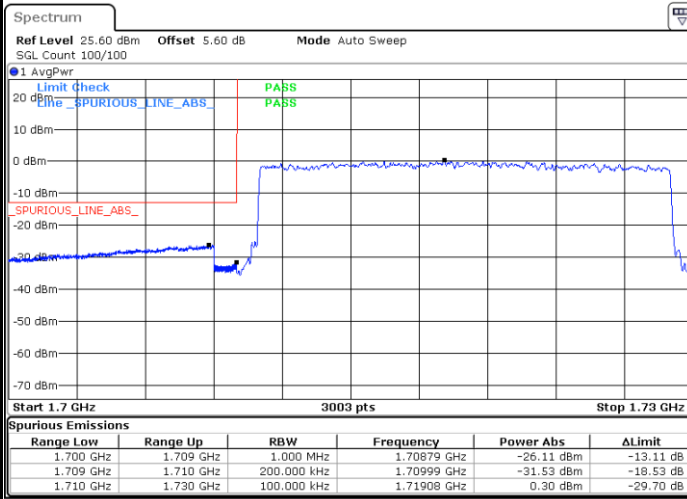
Date: 30.APR.2024 03:37:59

Highest Band Edge / 1 RB



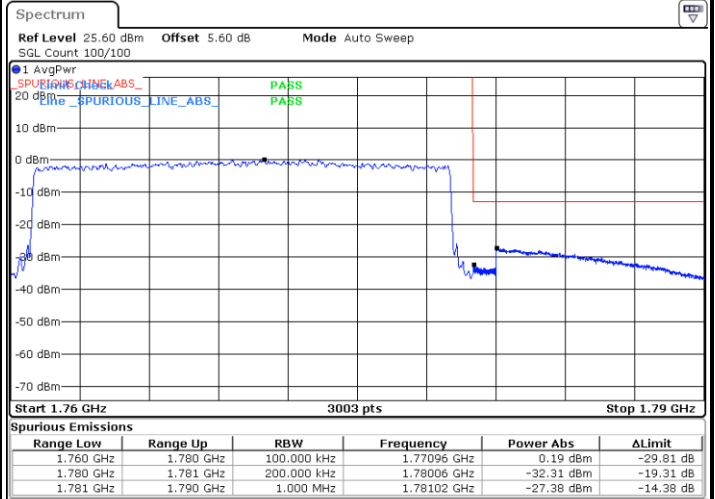
Date: 30.APR.2024 03:48:26

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:40:13

Highest Band Edge / Full RB

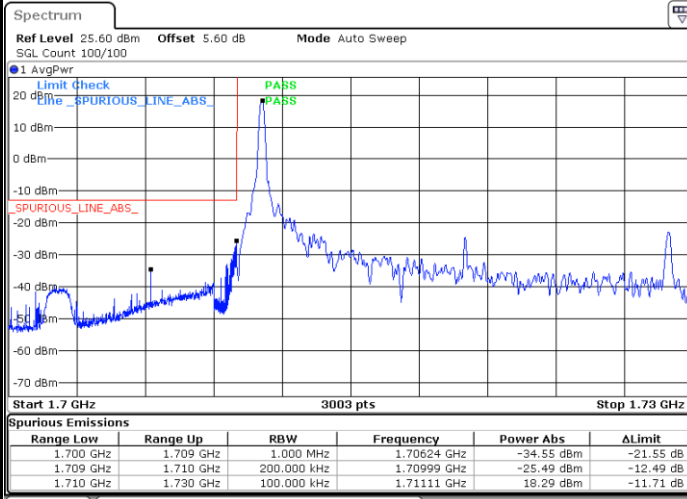


Date: 30.APR.2024 03:50:44



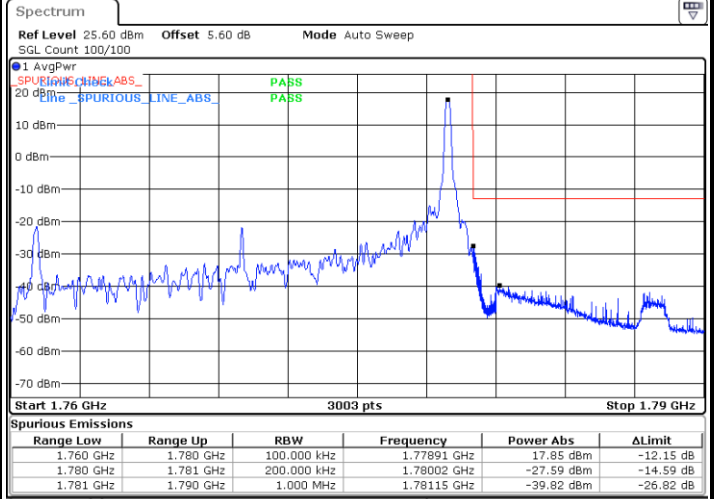
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



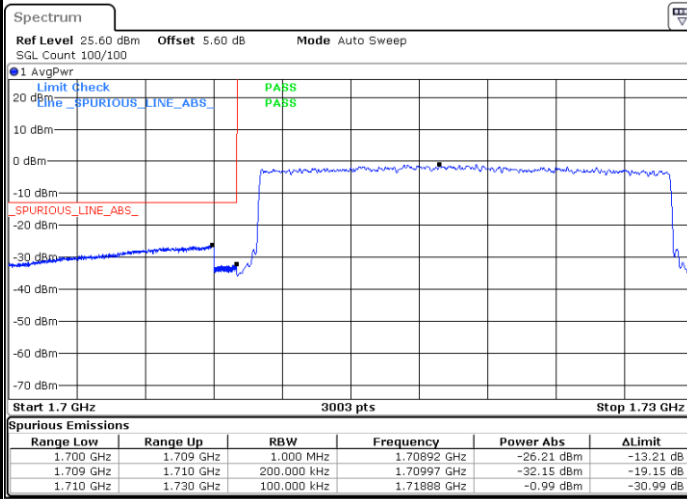
Date: 30.APR.2024 03:38:44

Highest Band Edge / 1 RB



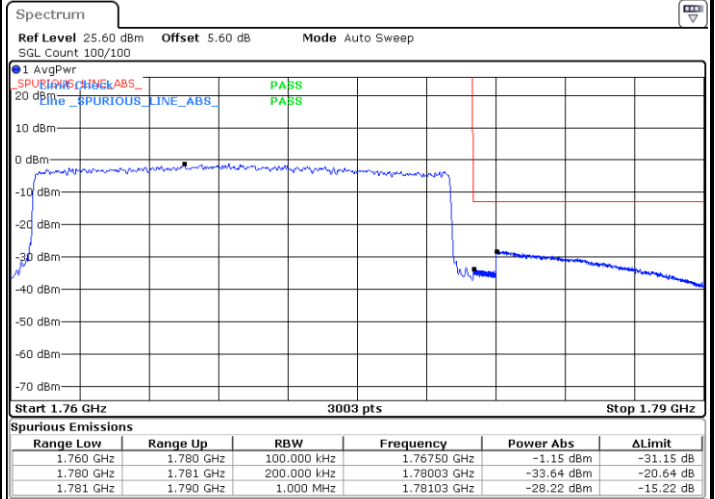
Date: 30.APR.2024 03:49:11

Lowest Band Edge / Full RB



Date: 30.APR.2024 03:39:28

Highest Band Edge / Full RB



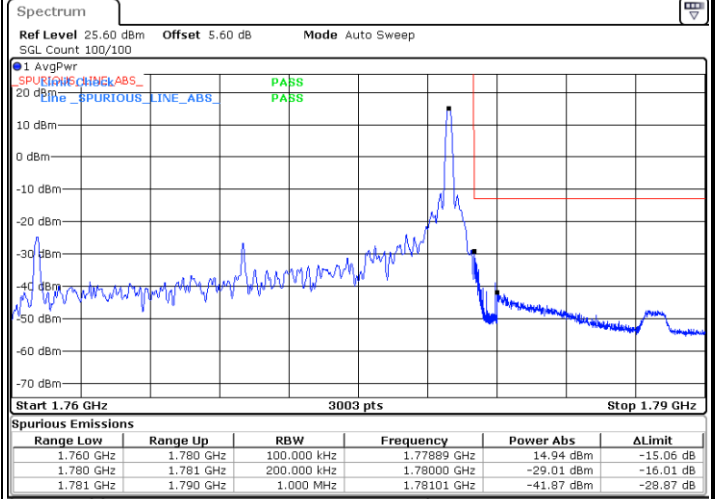
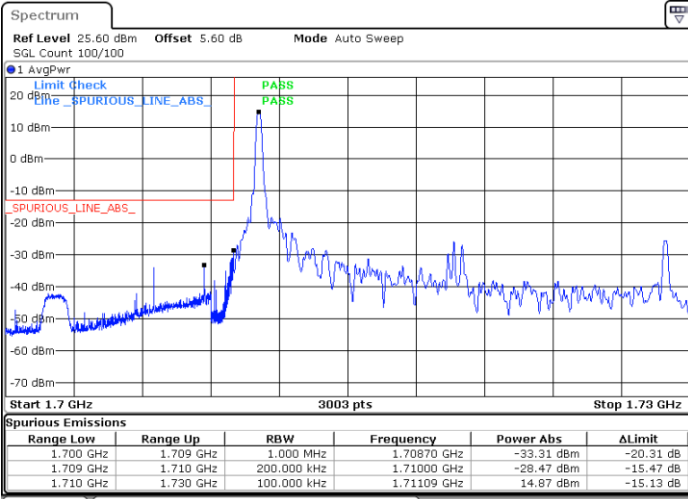
Date: 30.APR.2024 03:49:59



LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

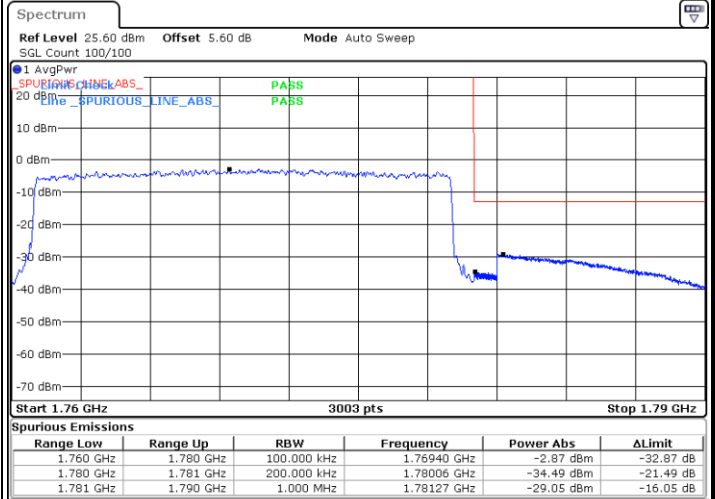
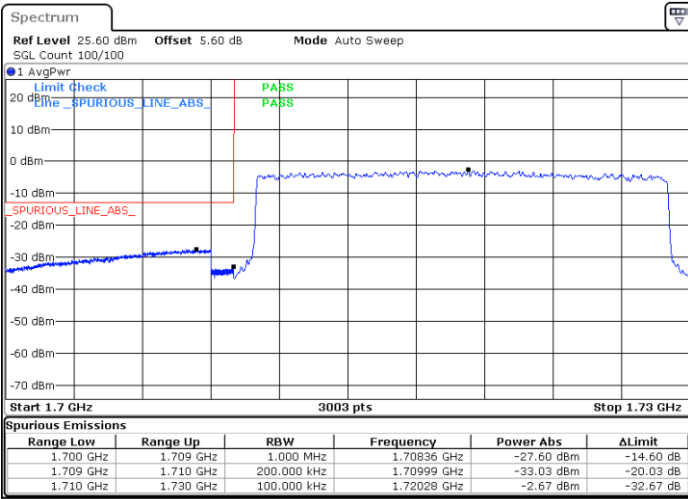


Date: 8.MAY.2024 03:27:57

Date: 8.MAY.2024 03:29:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

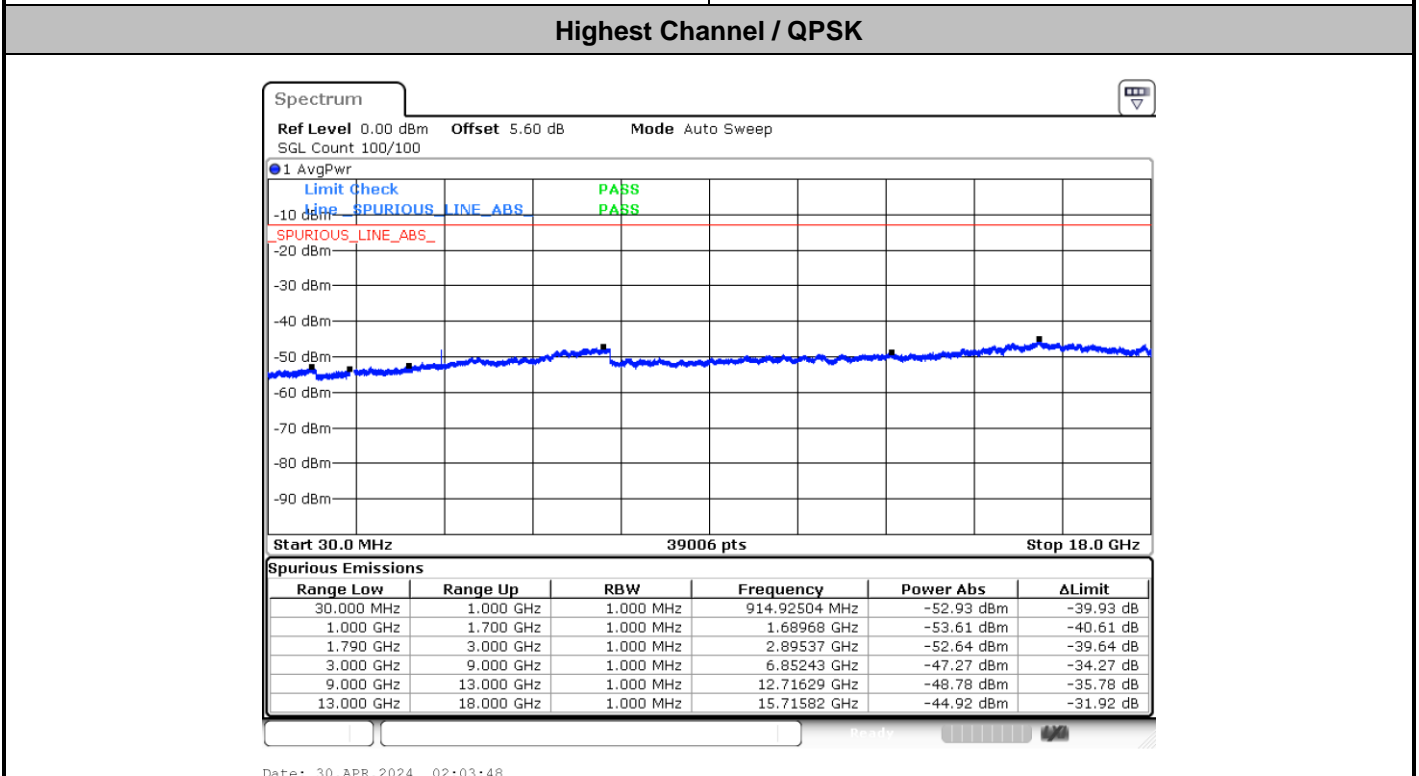
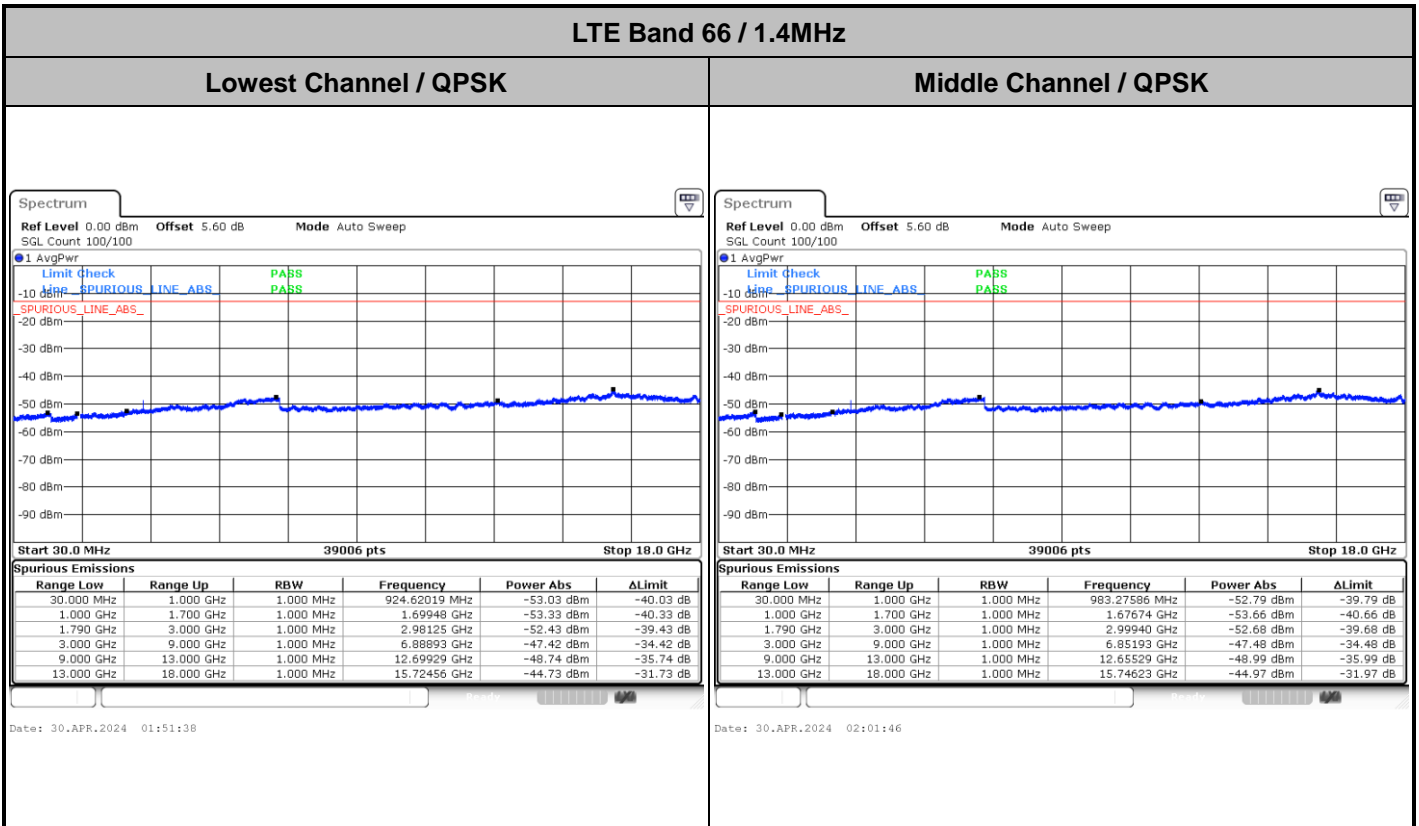


Date: 8.MAY.2024 03:28:19

Date: 8.MAY.2024 03:28:52



# Conducted Spurious Emission

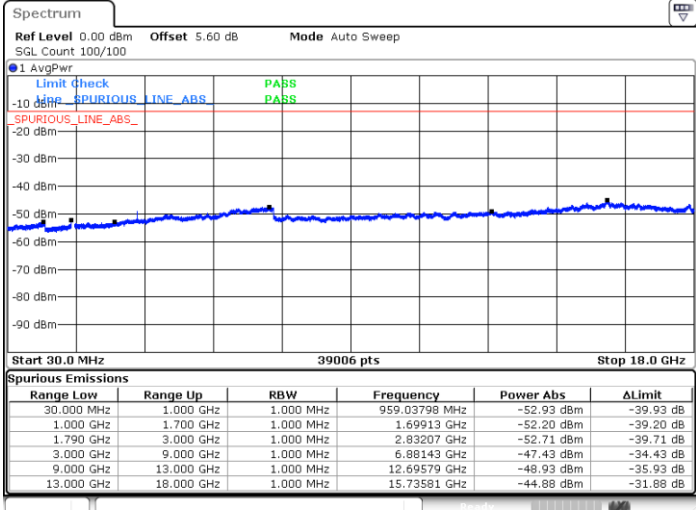




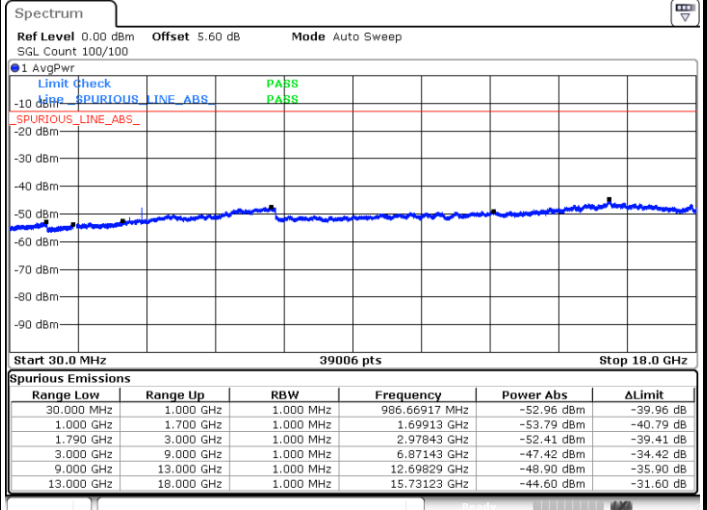
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

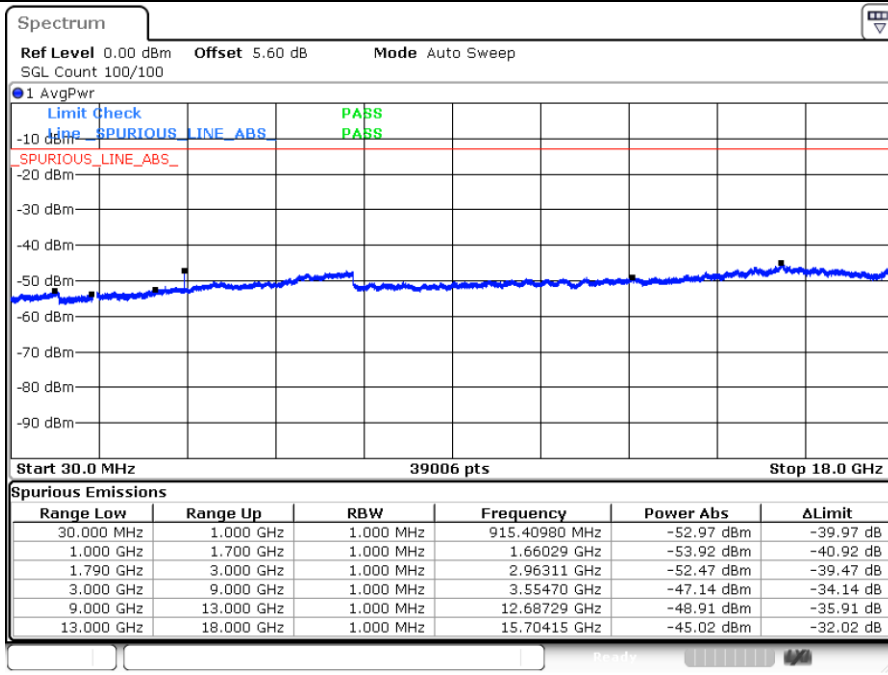


Date: 30.APR.2024 02:13:54



Date: 30.APR.2024 02:23:58

Highest Channel / QPSK



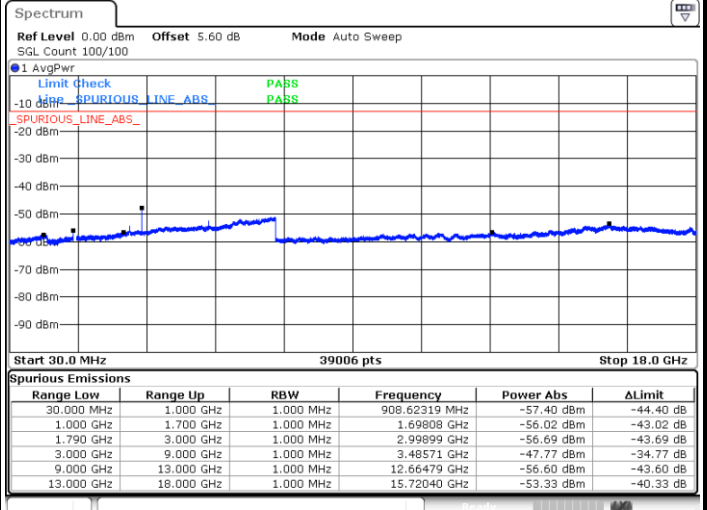
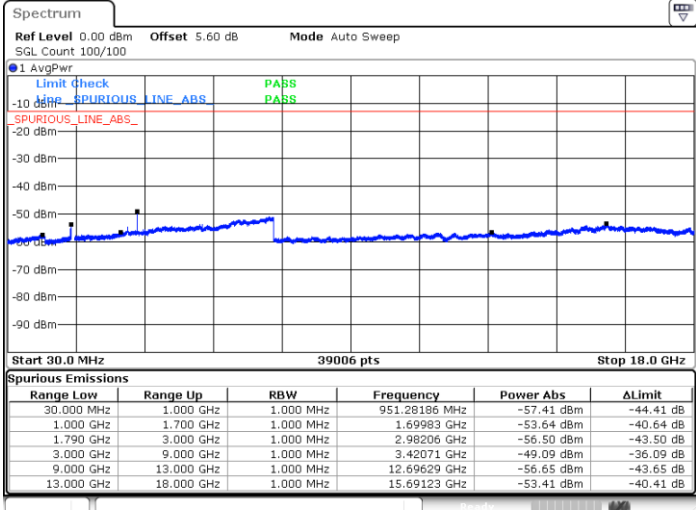
Date: 30.APR.2024 02:26:00



LTE Band 66 / 5MHz

Lowest Channel / QPSK

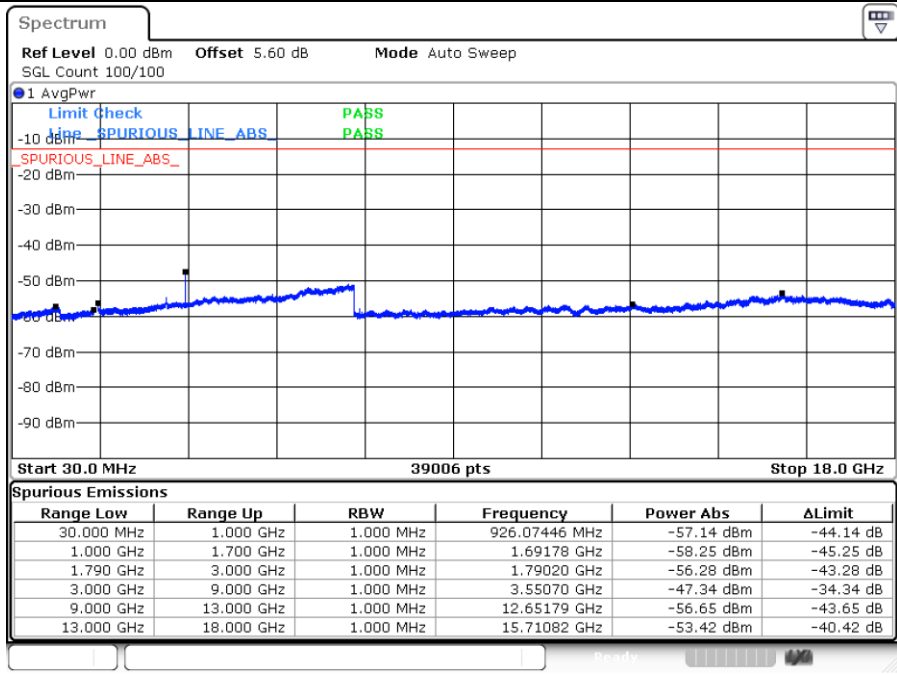
Middle Channel / QPSK



Date: 30.APR.2024 02:36:04

Date: 30.APR.2024 02:49:53

Highest Channel / QPSK



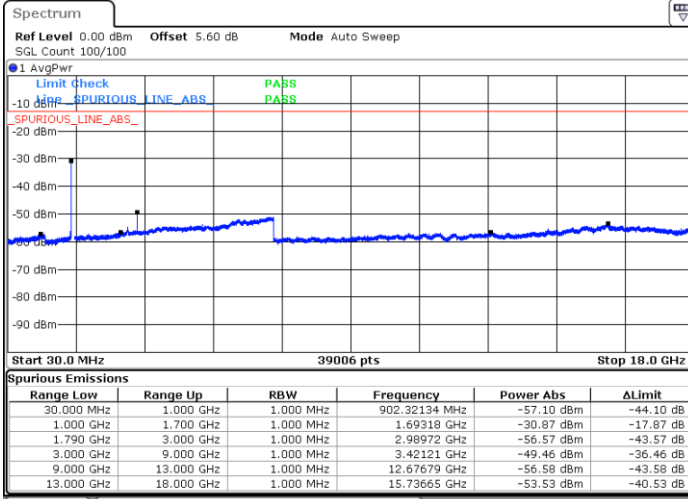
Date: 30.APR.2024 02:51:55



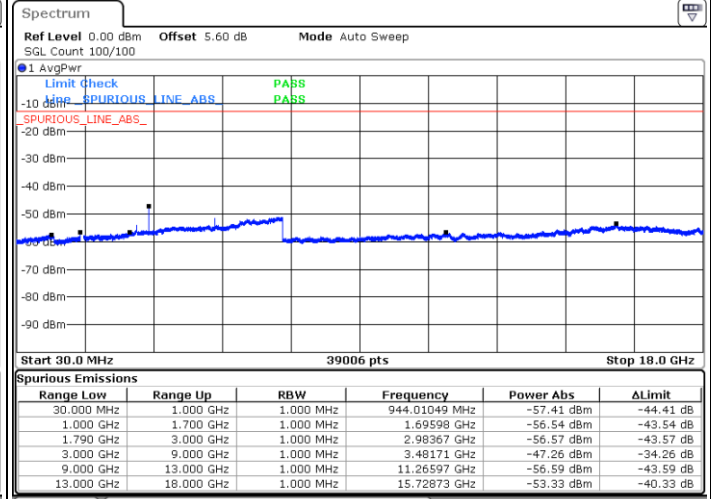
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

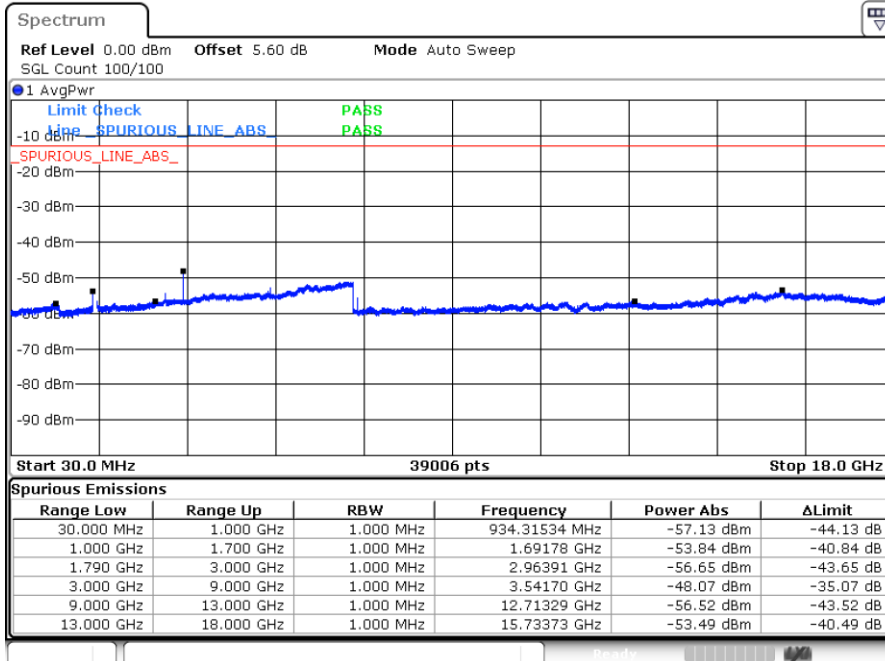


Date: 30.APR.2024 02:58:25



Date: 30.APR.2024 03:04:58

Highest Channel / QPSK



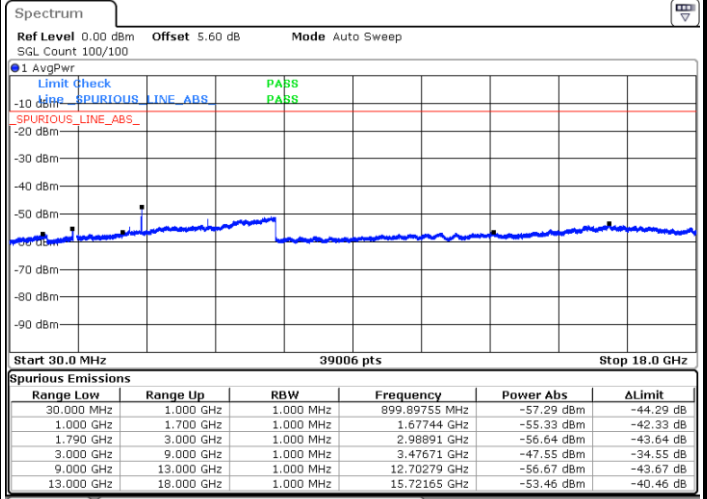
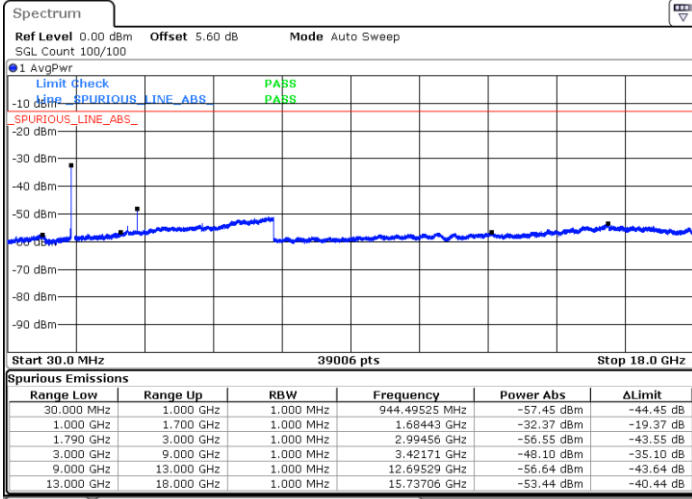
Date: 30.APR.2024 03:07:00



LTE Band 66 / 15MHz

Lowest Channel / QPSK

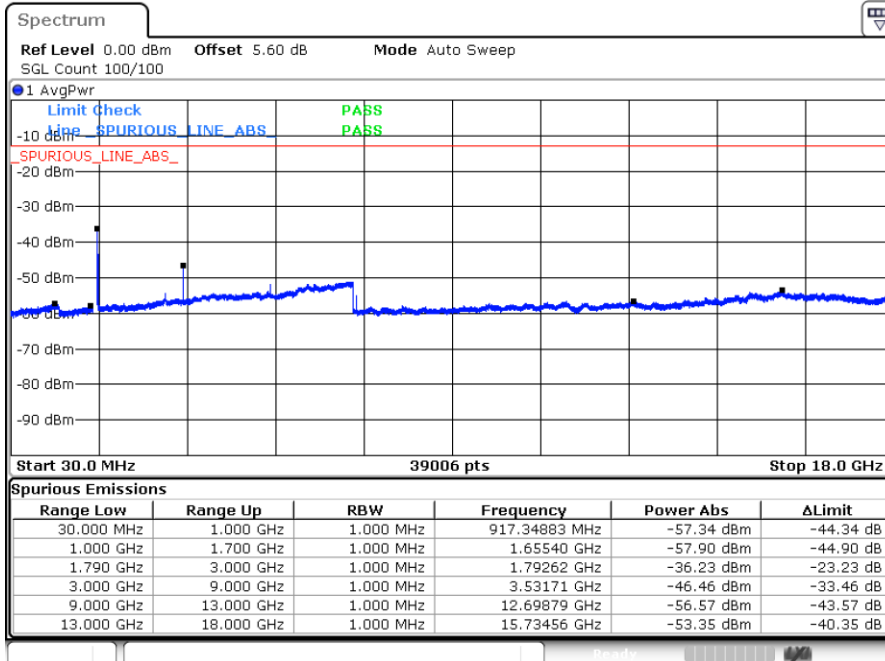
Middle Channel / QPSK



Date: 30.APR.2024 03:17:41

Date: 30.APR.2024 03:24:12

Highest Channel / QPSK



Date: 30.APR.2024 03:27:37

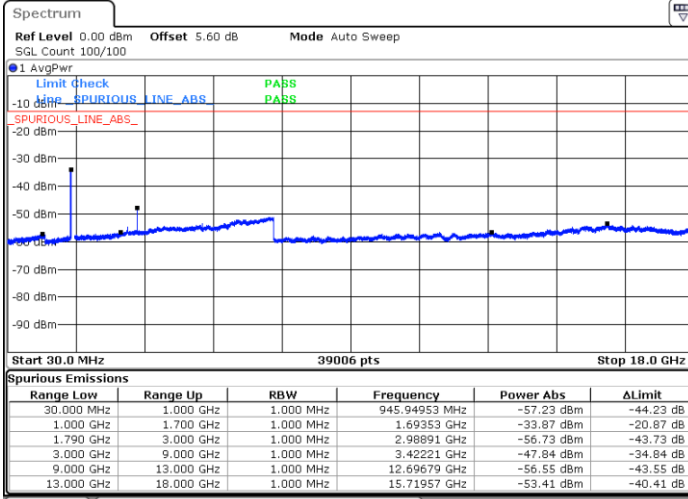




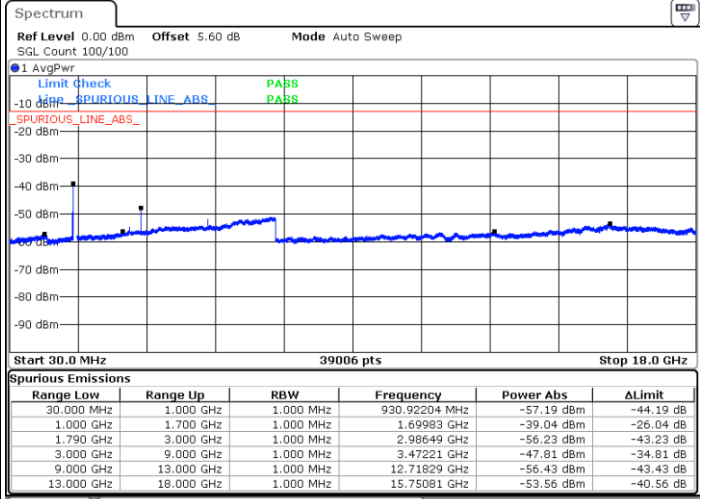
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

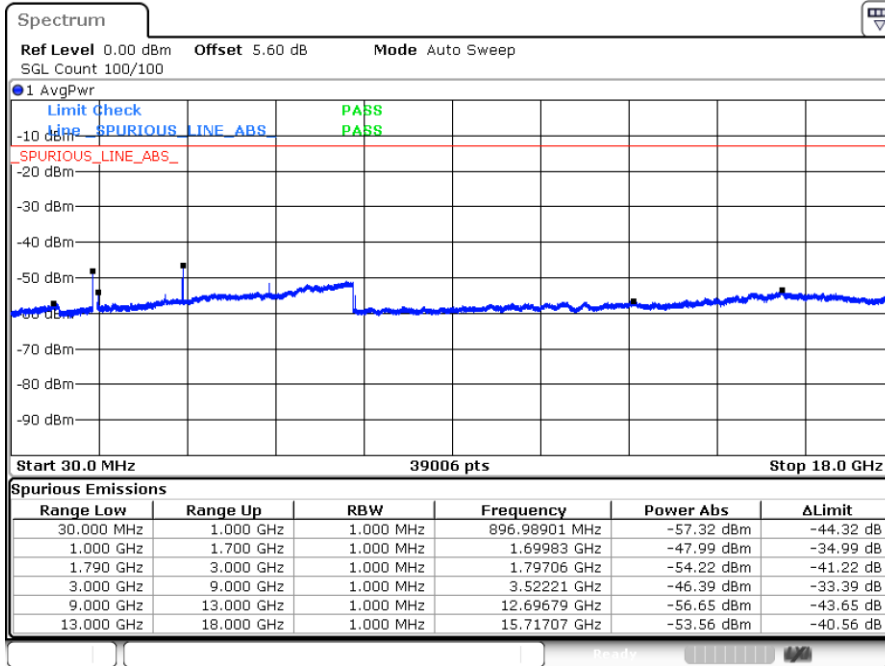


Date: 30.APR.2024 03:36:29



Date: 30.APR.2024 03:42:59

Highest Channel / QPSK



Date: 30.APR.2024 03:46:56



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0035	
20	Battery End Point	0.0049	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

Test Engineer :	Kuang Jia	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pretest all the supported antennas, only the worst results are shown in the report.

LTE Band 25 / 20MHz / QPSK / ANT 0									
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)
Middle	3747	-62.49	-13	-49.49	-78.08	-69.24	5.85	12.60	H
	5620.5	-47.95	-13	-34.95	-67.77	-53.75	7.30	13.10	H
	7494	-54.86	-13	-41.86	-79.55	-58.01	8.35	11.50	H
	3747	-62.57	-13	-49.57	-77.76	-69.32	5.85	12.60	V
	5620.5	-47.91	-13	-34.91	-67.03	-53.71	7.30	13.10	V
	7494	-54.42	-13	-41.42	-79.5	-57.57	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK / ANT 0									
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-65.78	-13	-52.78	-73.46	-69.03	4.00	9.40	H
	2489.25	-47.07	-13	-34.07	-58.83	-50.64	4.88	10.60	H
	3319	-61.99	-13	-48.99	-76.39	-66.92	5.52	12.60	H
	1659.5	-66.30	-13	-53.30	-74.09	-69.55	4.00	9.40	V
	2489.25	-54.15	-13	-41.15	-65.98	-57.72	4.88	10.60	V
	3319	-62.50	-13	-49.50	-76.86	-67.43	5.52	12.60	V

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



DC_5A_n66A / 10MHz / QPSK / ANT 4+0									
Channel	Frequency ( MHz )	ERP/ 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)
LTE Band 5 Middle	1664	-65.53	-13	-52.53	-75.47	-68.78	4.00	9.40	H
	2496	-62.26	-13	-49.26	-76.70	-65.83	4.88	10.60	H
	3328	-62.76	-13	-49.76	-78.92	-67.69	5.52	12.60	H
	1664	-66.20	-13	-53.20	-75.74	-69.45	4.00	9.40	V
	2496	-62.44	-13	-49.44	-76.84	-66.01	4.88	10.60	V
	3328	-62.99	-13	-49.99	-78.91	-67.92	5.52	12.60	V
NR n66 Middle	3451.43	-50.18	-13	-37.18	-66.95	-57.03	5.65	12.50	H
	5177.14	-51.14	-13	-38.14	-72.93	-56.81	7.13	12.80	H
	6902.86	-51.73	-13	-38.73	-77.29	-55.13	8.40	11.80	H
	8628.57	-52.92	-13	-39.92	-82.12	-55.77	8.75	11.60	H
	3451.43	-51.90	-13	-38.90	-68.71	-58.75	5.65	12.50	V
	5177.14	-48.75	-13	-35.75	-70.83	-54.42	7.13	12.80	V
	6902.86	-49.49	-13	-36.49	-75.53	-52.89	8.40	11.80	V
	8628.57	-51.31	-13	-38.31	-79.83	-54.16	8.75	11.60	V

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

LTE Band 66 / 20MHz / QPSK / ANT 0									
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)
Middle	3472	-63.10	-13	-50.10	-77.66	-69.95	5.65	12.50	H
	5208	-60.83	-13	-47.83	-80.37	-66.50	7.13	12.80	H
	6944	-57.54	-13	-44.54	-80.40	-60.94	8.40	11.80	H
	3472	-63.01	-13	-50.01	-77.6	-69.86	5.65	12.50	V
	5208	-61.21	-13	-48.21	-80.36	-66.88	7.13	12.80	V
	6944	-56.80	-13	-43.80	-79.93	-60.20	8.40	11.80	V

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