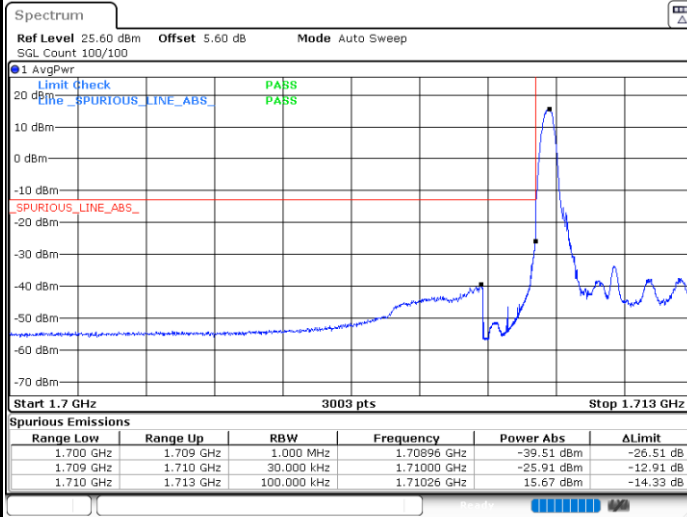




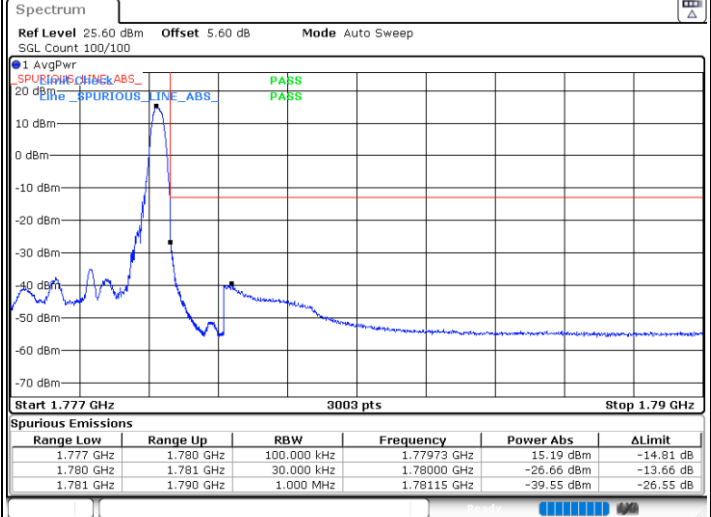
LTE Band 66 / 3MHz /256QAM

Lowest Band Edge / 1RB



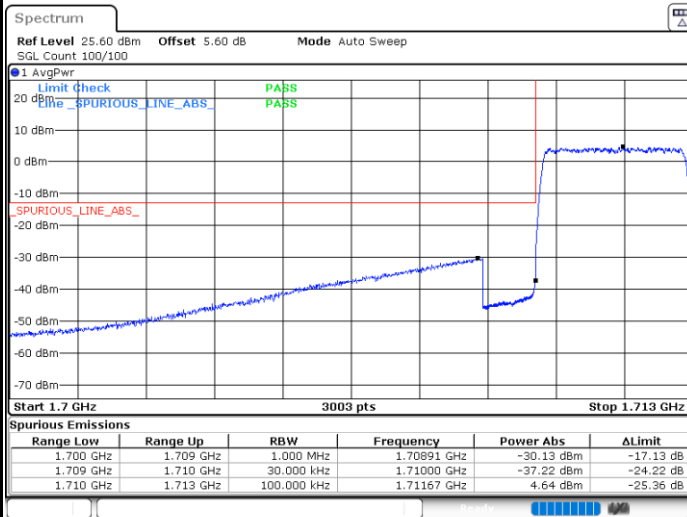
Date: 16.JUN.2024 03:38:37

Highest Band Edge / 1 RB



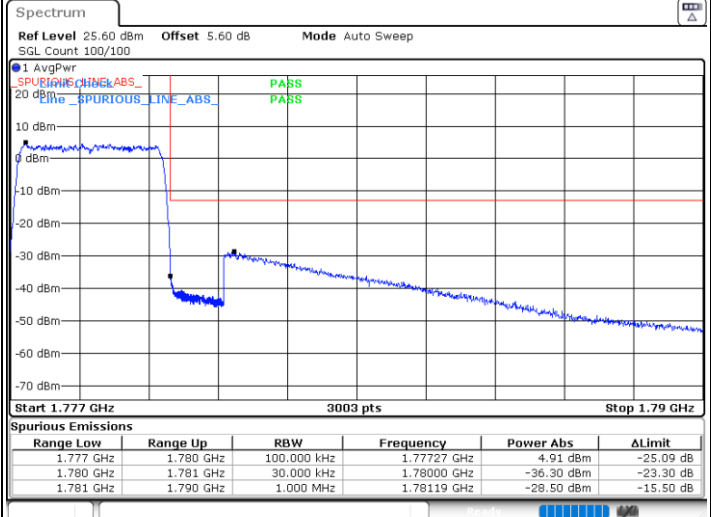
Date: 16.JUN.2024 03:53:04

Lowest Band Edge / Full RB



Date: 16.JUN.2024 03:43:26

Highest Band Edge / Full RB



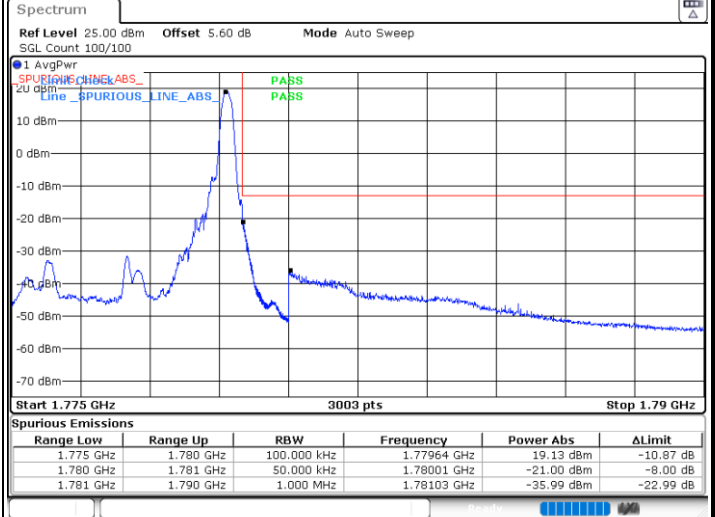
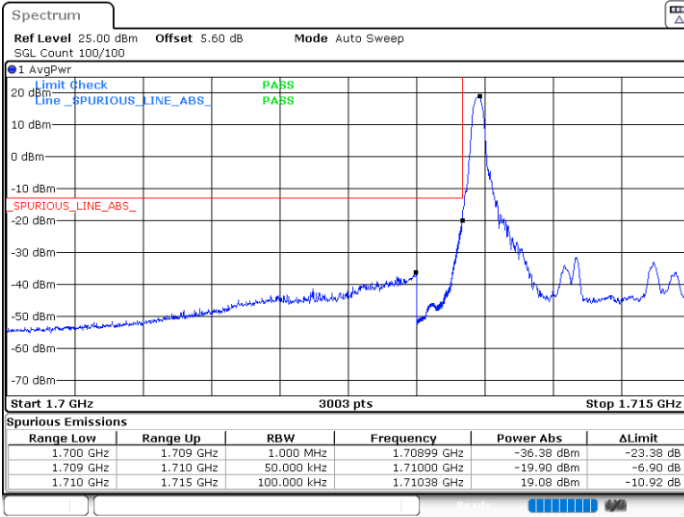
Date: 16.JUN.2024 03:53:55



LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

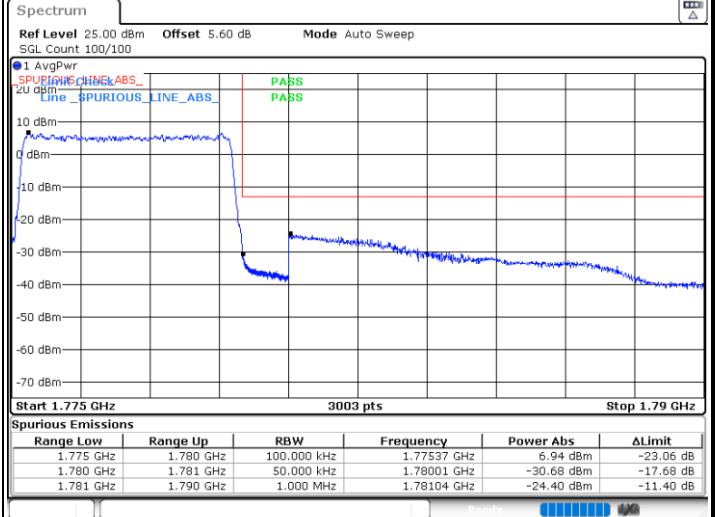
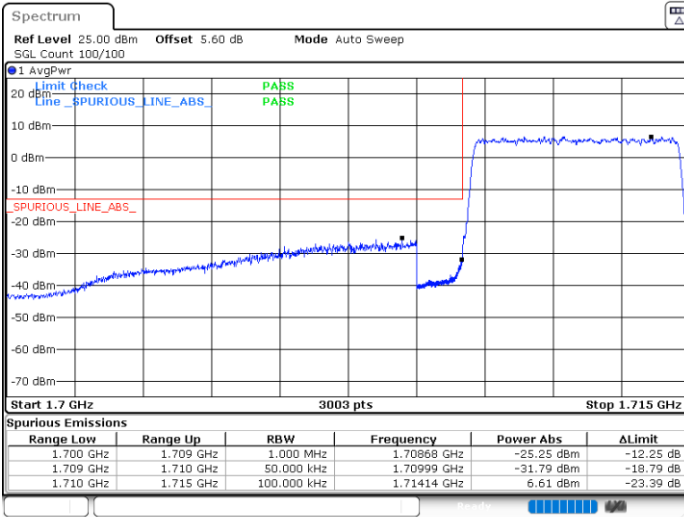


Date: 16.JUN.2024 04:08:03

Date: 16.JUN.2024 04:14:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



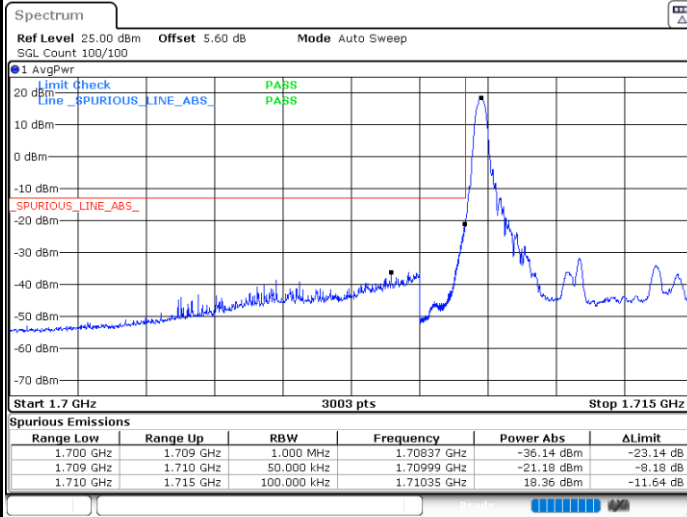
Date: 16.JUN.2024 04:11:03

Date: 16.JUN.2024 04:19:16



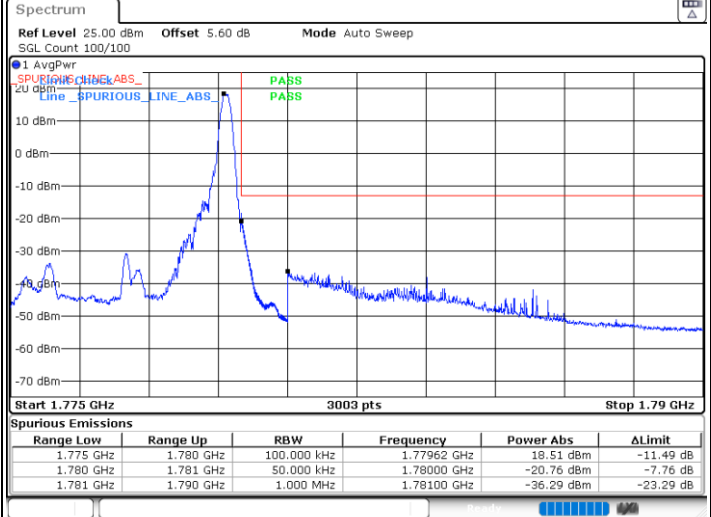
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



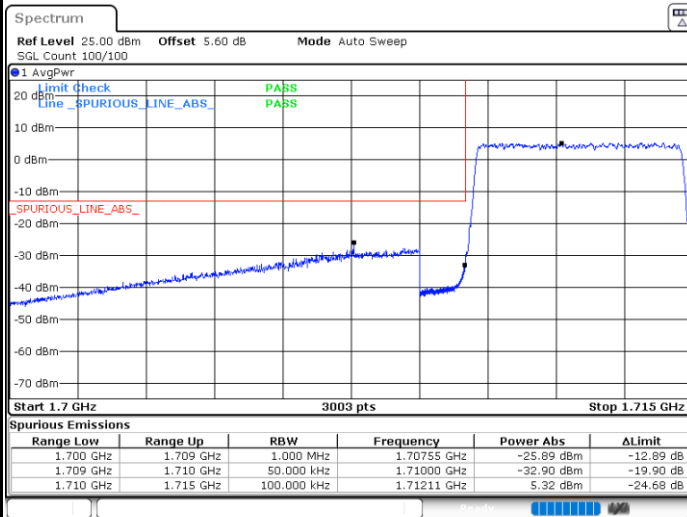
Date: 16.JUN.2024 04:08:33

Highest Band Edge / 1 RB



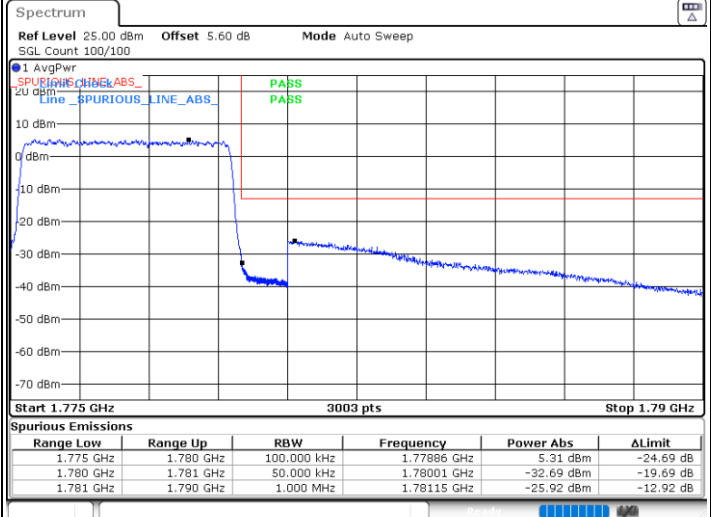
Date: 16.JUN.2024 04:15:04

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:10:41

Highest Band Edge / Full RB

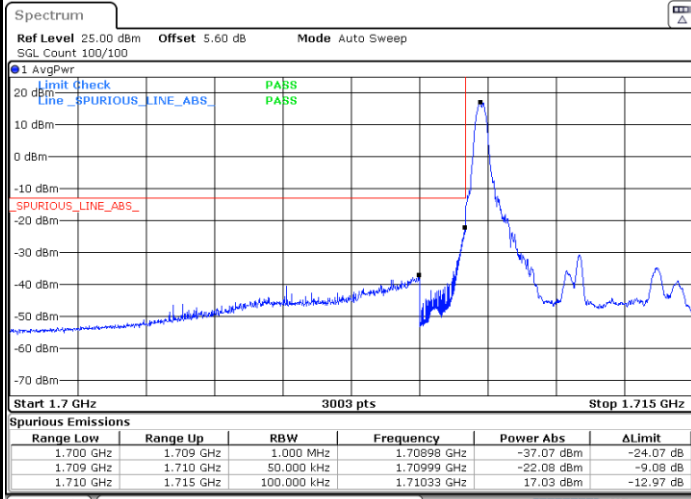


Date: 16.JUN.2024 04:18:47



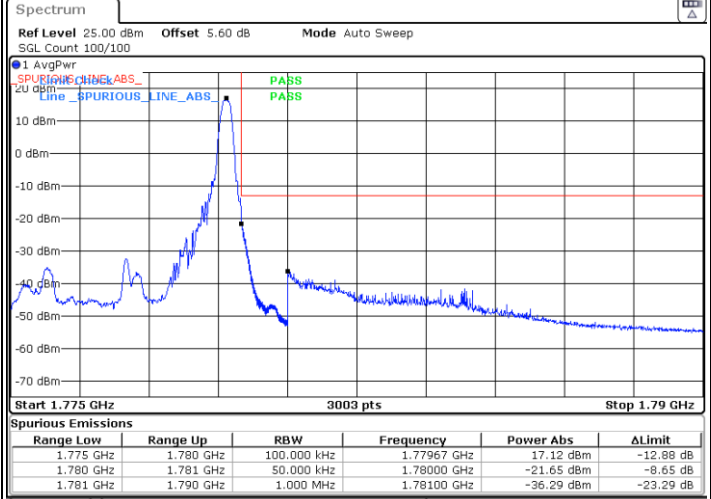
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



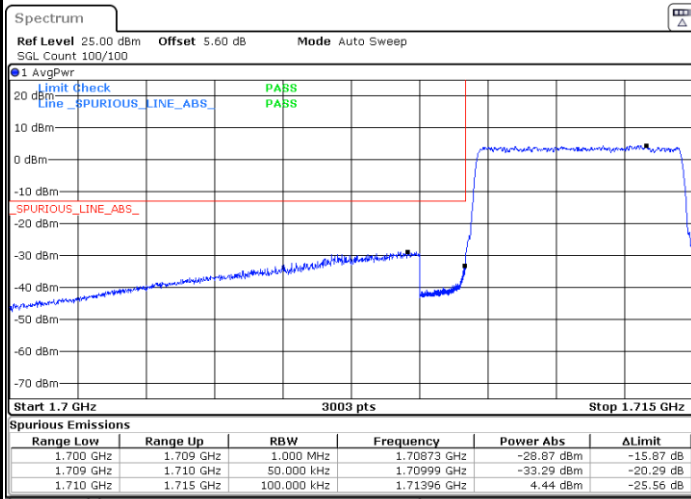
Date: 16.JUN.2024 04:08:56

Highest Band Edge / 1 RB



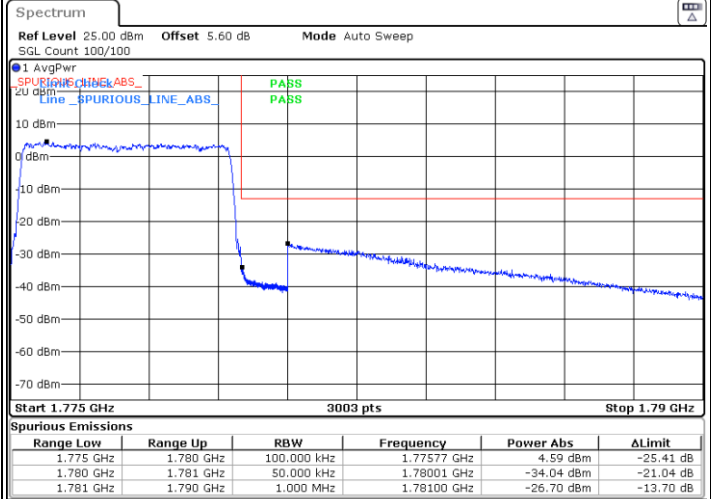
Date: 16.JUN.2024 04:16:04

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:10:15

Highest Band Edge / Full RB

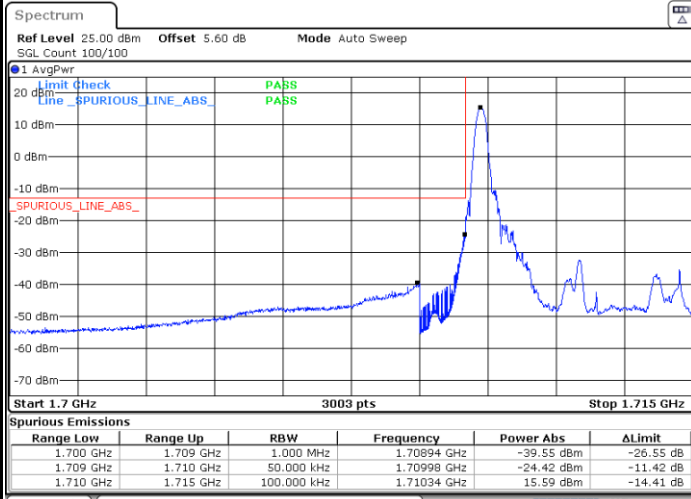


Date: 16.JUN.2024 04:18:26



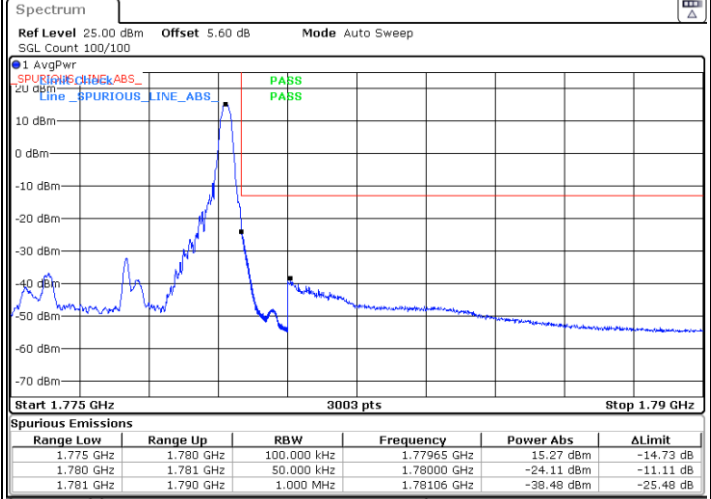
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



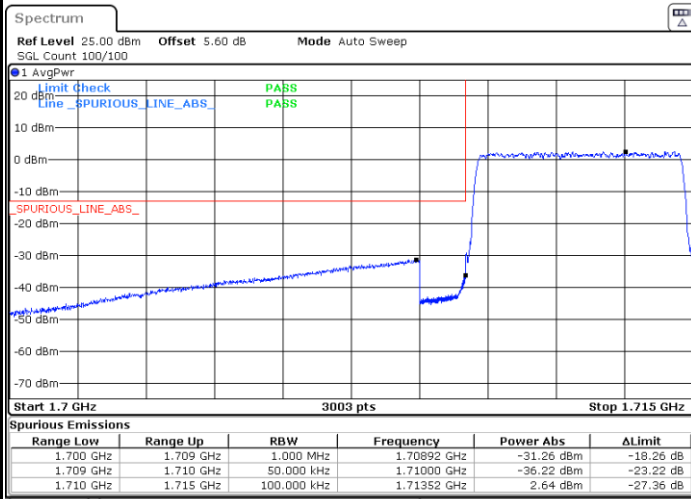
Date: 16.JUN.2024 04:09:21

Highest Band Edge / 1 RB



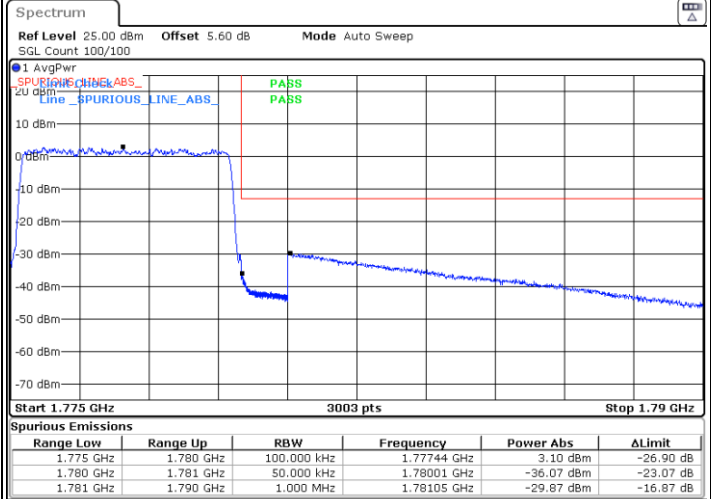
Date: 16.JUN.2024 04:16:33

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:09:51

Highest Band Edge / Full RB

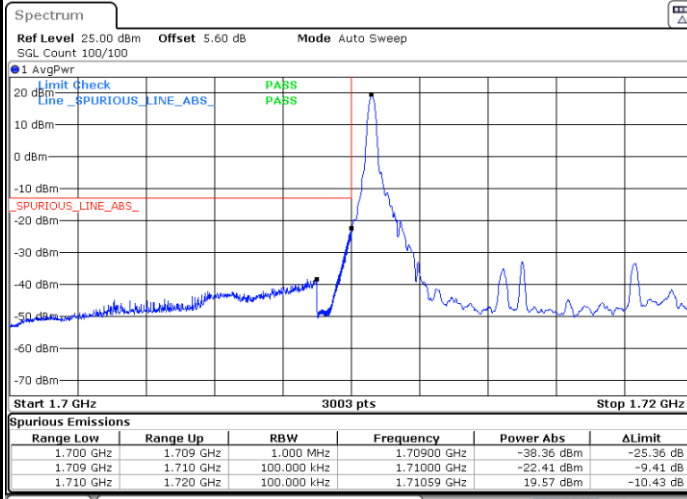


Date: 16.JUN.2024 04:17:00



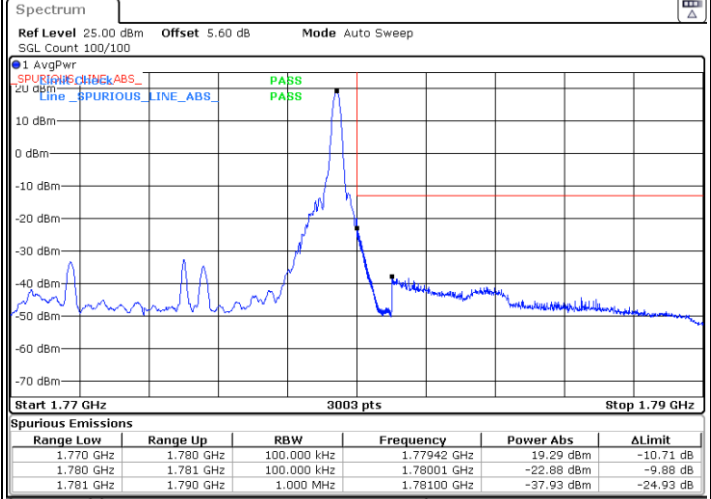
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



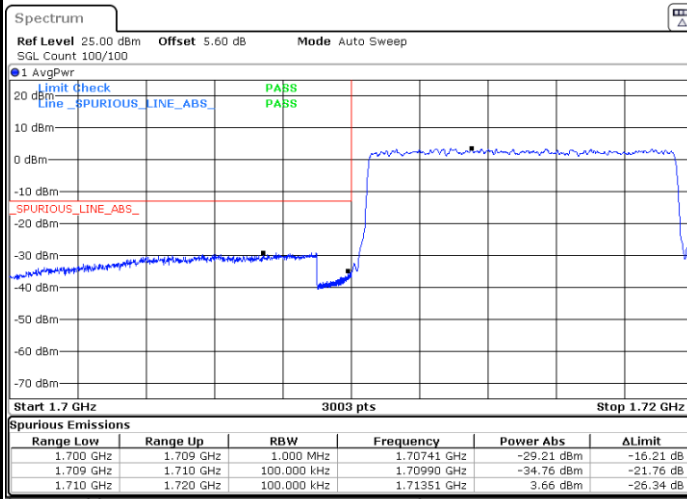
Date: 16.JUN.2024 04:21:24

Highest Band Edge / 1 RB



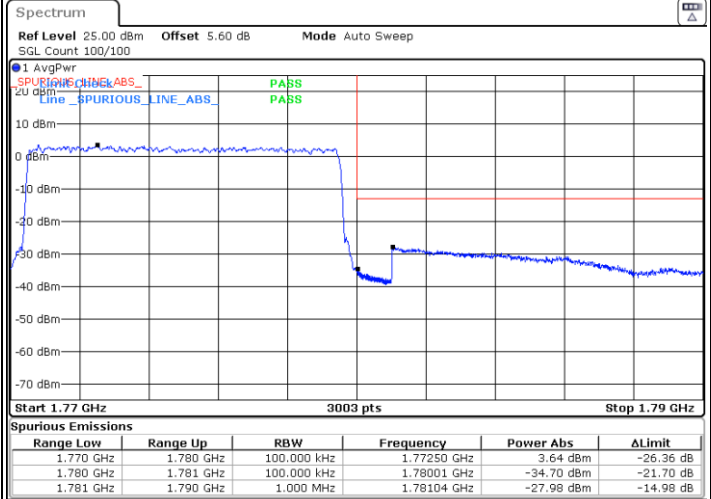
Date: 16.JUN.2024 04:27:42

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:24:15

Highest Band Edge / Full RB

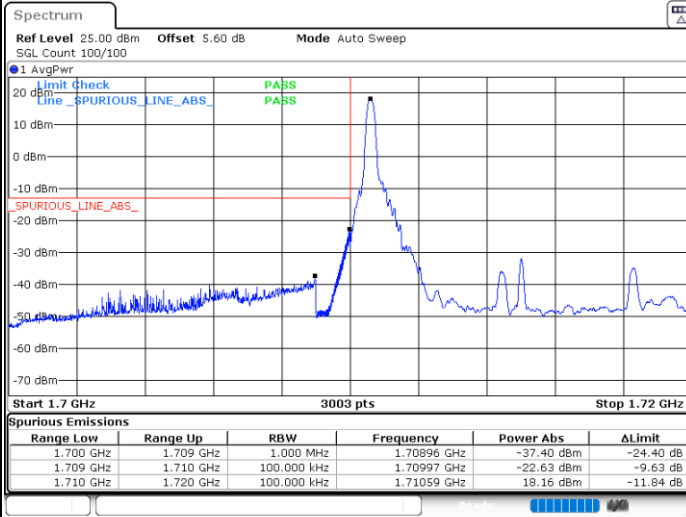


Date: 16.JUN.2024 04:30:47



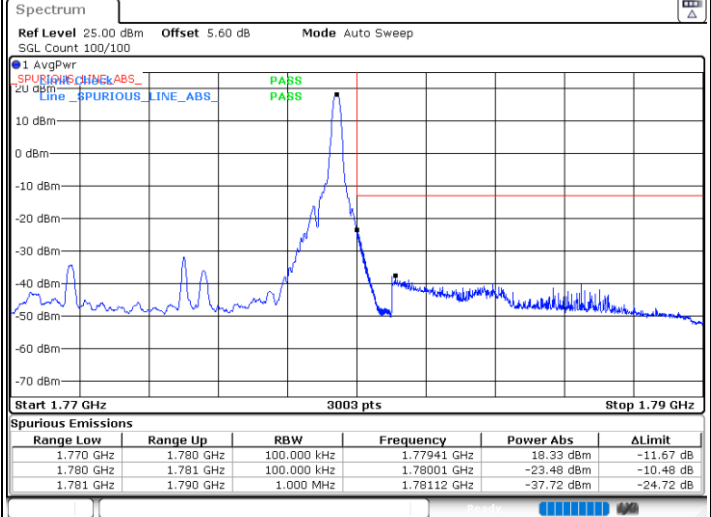
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1RB



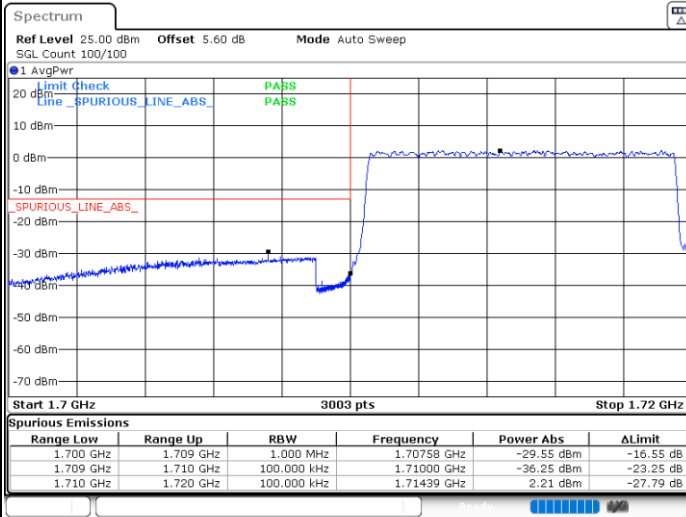
Date: 16.JUN.2024 04:21:57

Highest Band Edge / 1 RB



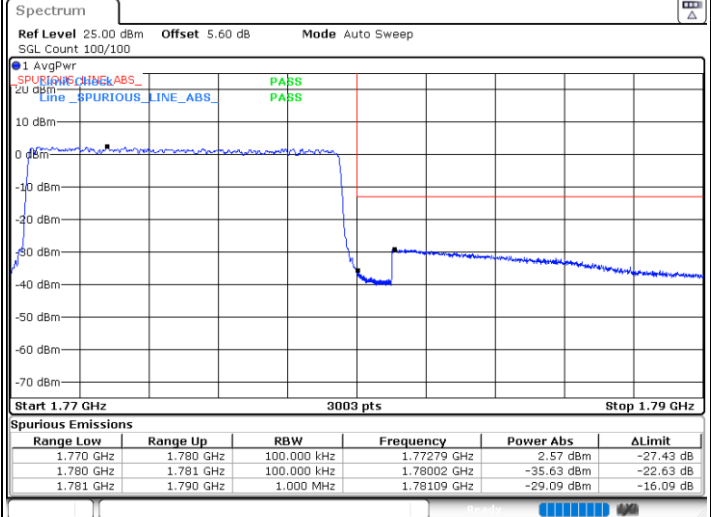
Date: 16.JUN.2024 04:28:05

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:23:39

Highest Band Edge / Full RB

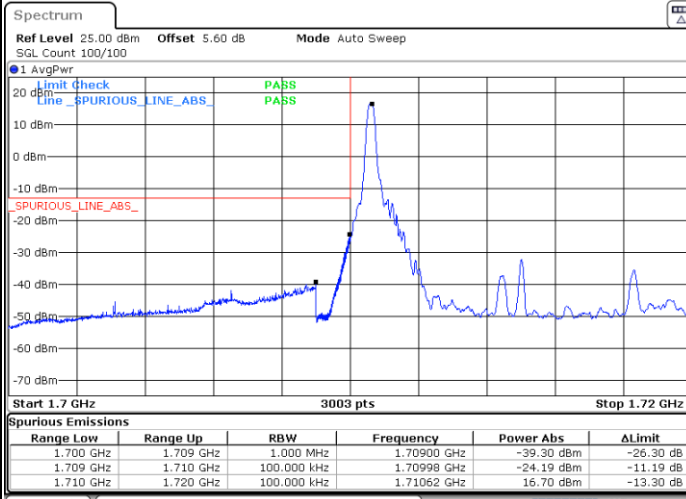


Date: 16.JUN.2024 04:30:34



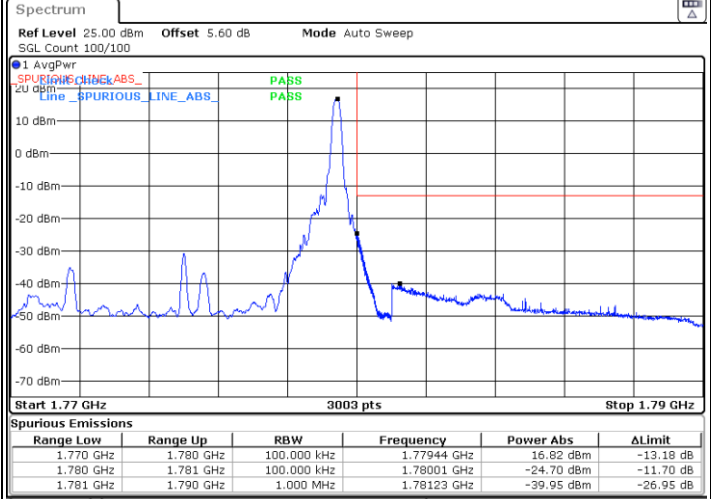
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1RB



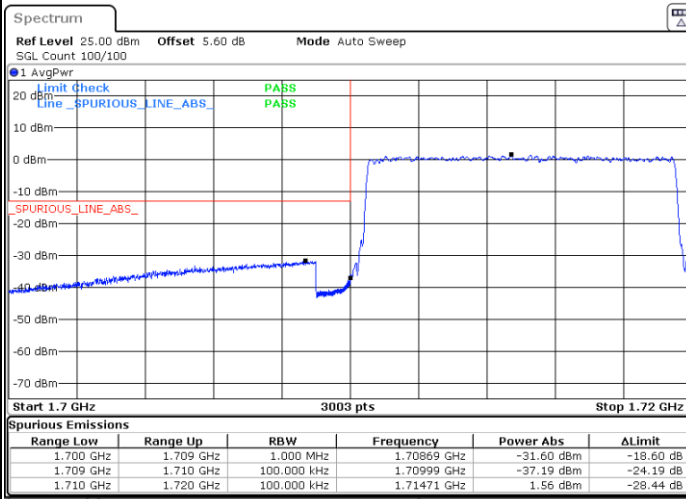
Date: 16.JUN.2024 04:22:22

Highest Band Edge / 1 RB



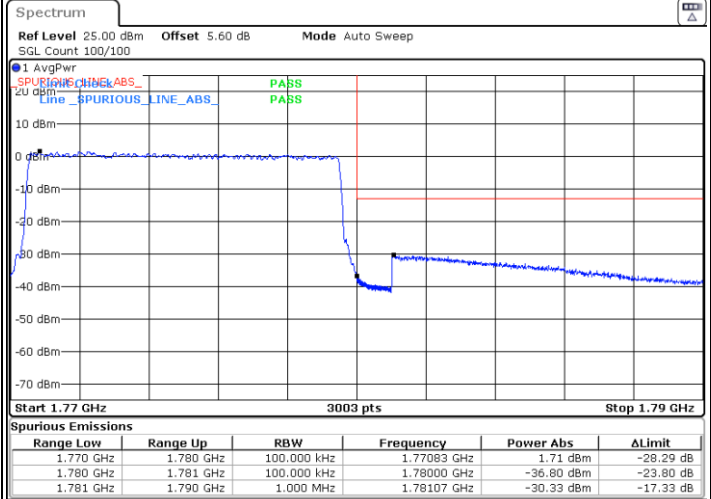
Date: 16.JUN.2024 04:28:19

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:23:22

Highest Band Edge / Full RB



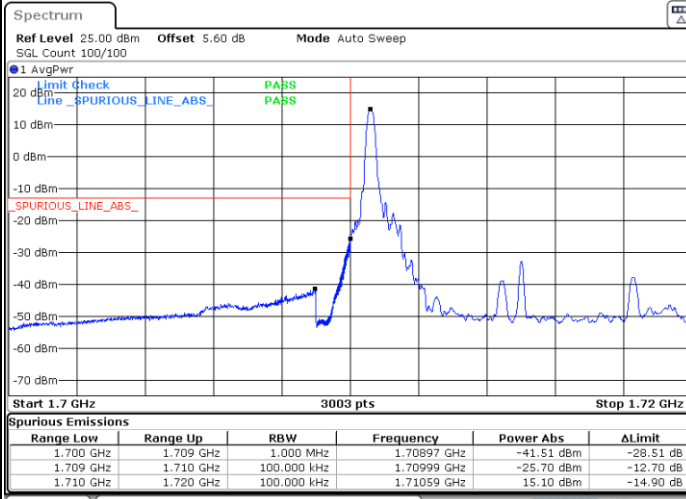
Date: 16.JUN.2024 04:30:21





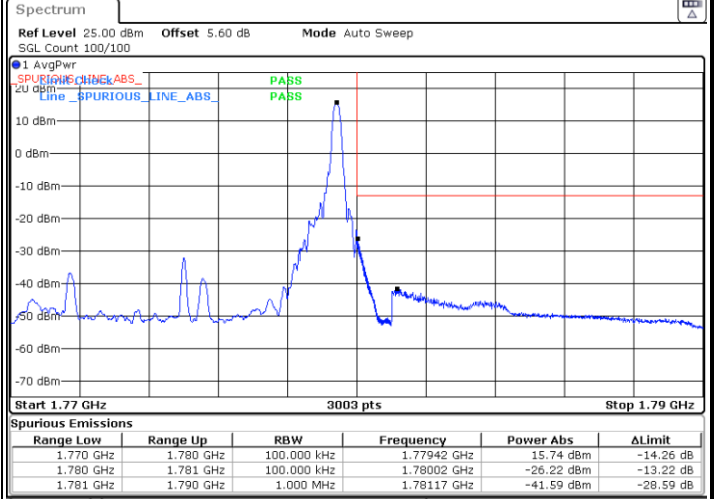
LTE Band 66 / 10MHz /256QAM

Lowest Band Edge / 1RB



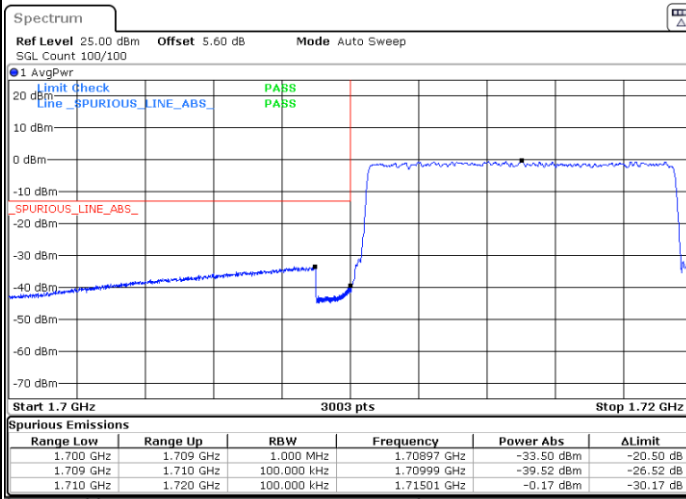
Date: 16.JUN.2024 04:22:41

Highest Band Edge / 1 RB



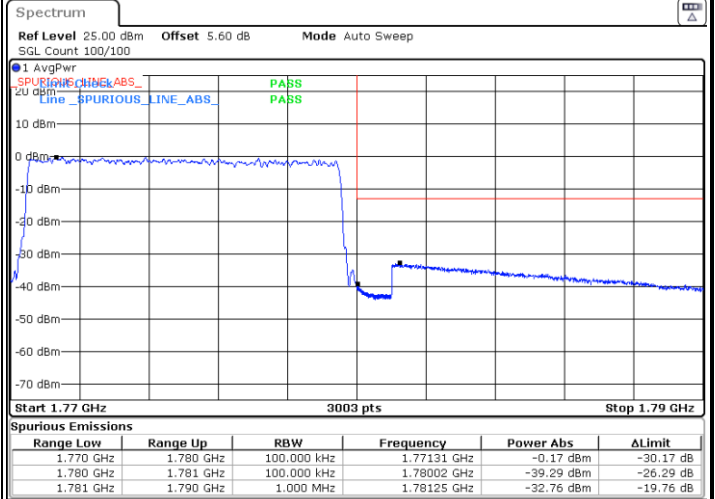
Date: 16.JUN.2024 04:29:16

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:23:02

Highest Band Edge / Full RB



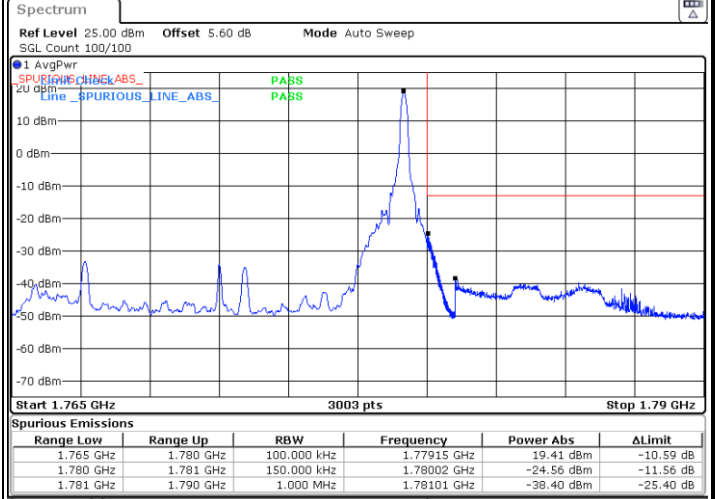
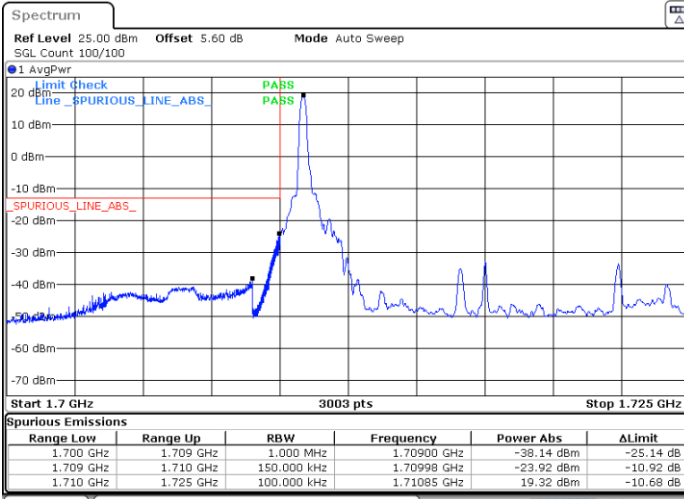
Date: 16.JUN.2024 04:29:55



LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

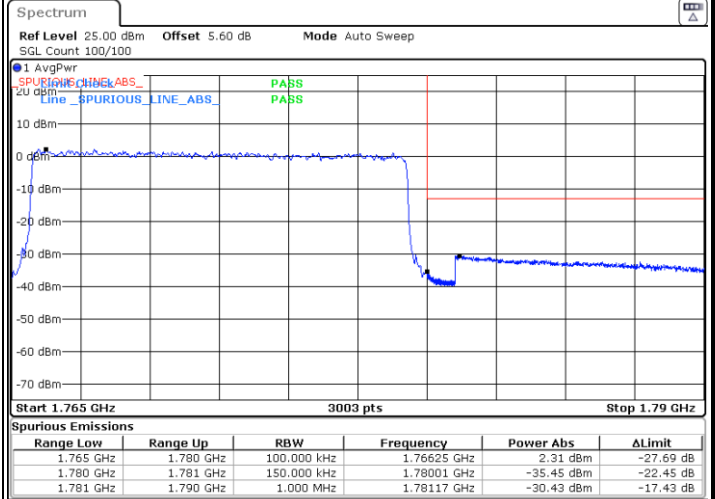
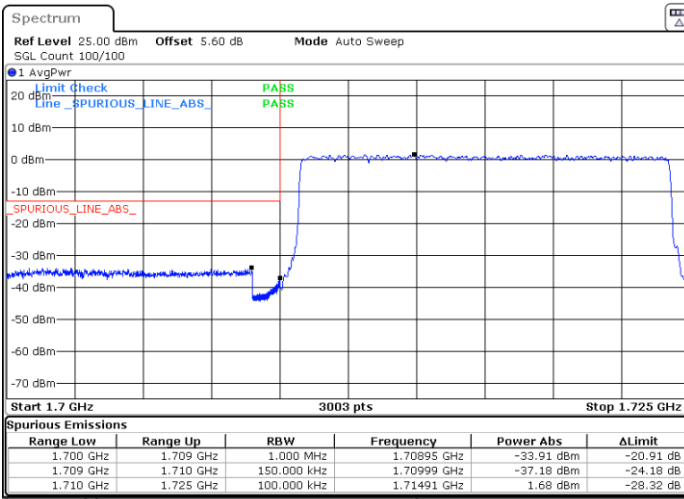


Date: 16.JUN.2024 04:32:36

Date: 16.JUN.2024 04:38:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 04:35:08

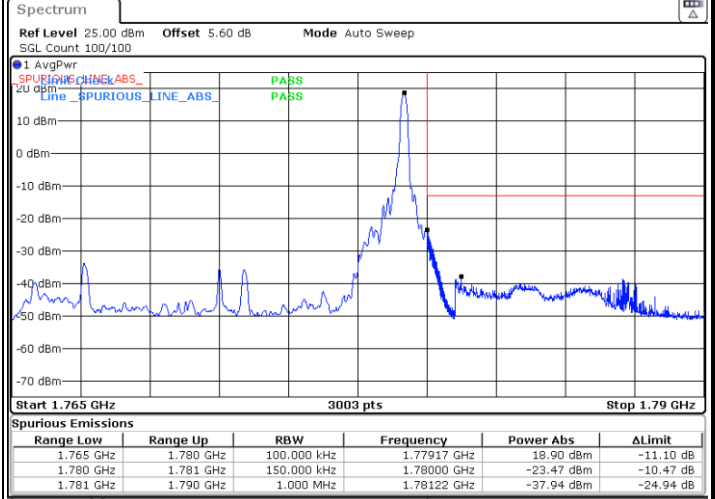
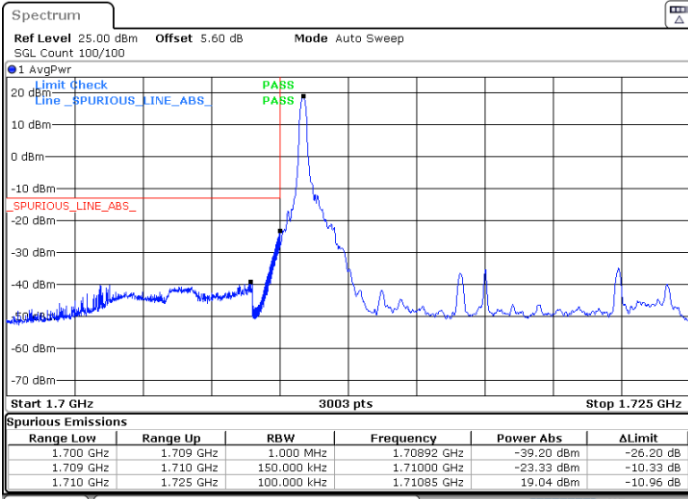
Date: 16.JUN.2024 04:41:56



LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

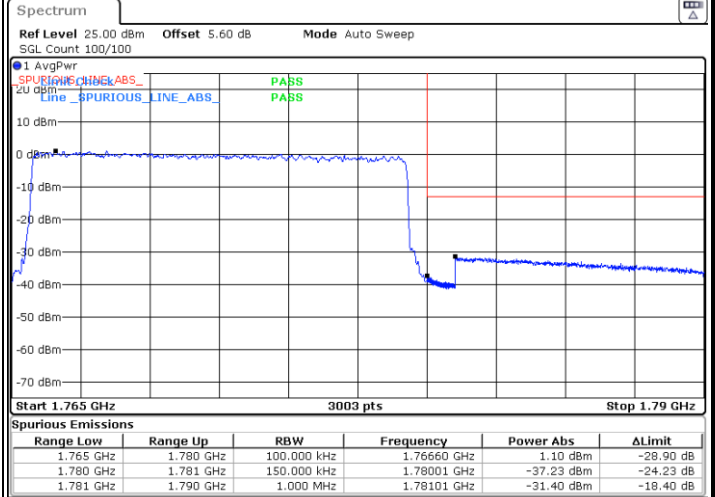
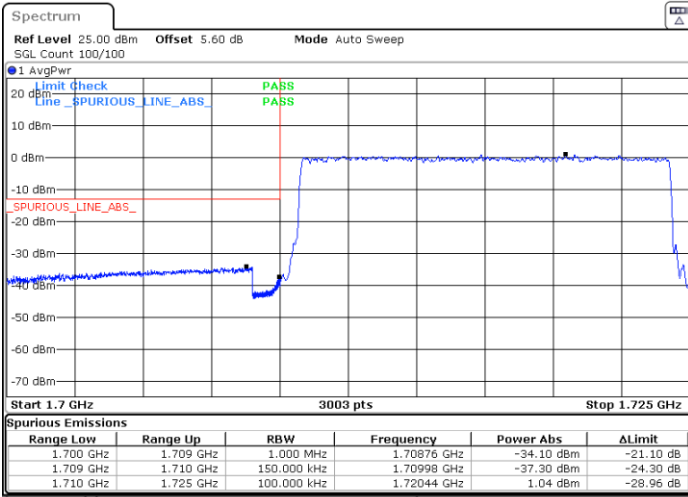


Date: 16.JUN.2024 04:33:06

Date: 16.JUN.2024 04:39:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



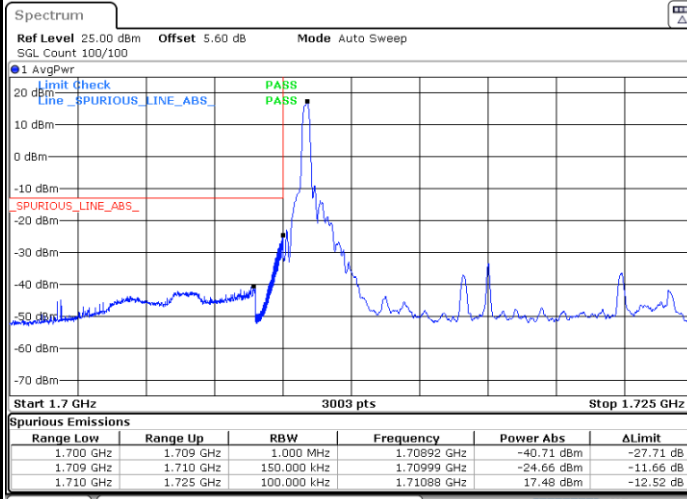
Date: 16.JUN.2024 04:34:52

Date: 16.JUN.2024 04:41:32



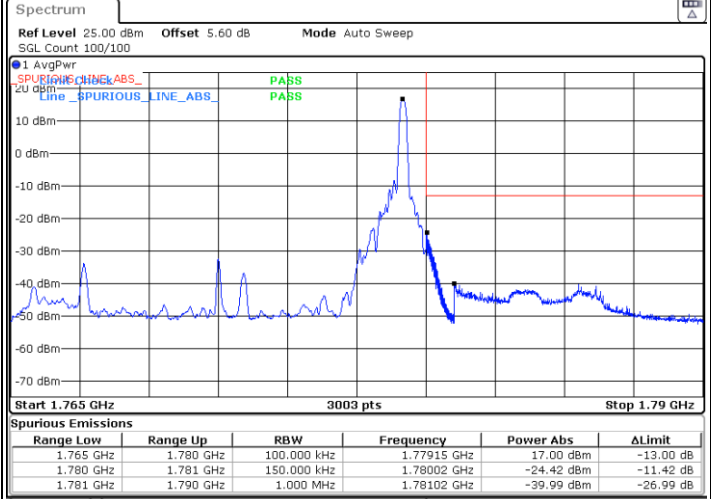
LTE Band 66 /15MHz / 64QAM

Lowest Band Edge / 1RB



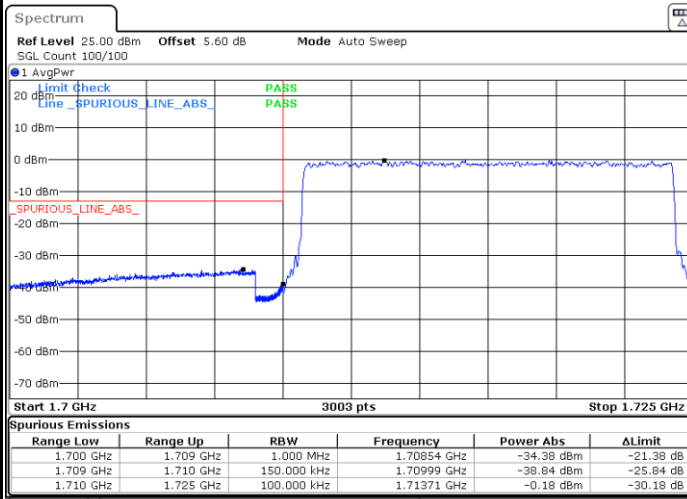
Date: 16.JUN.2024 04:33:20

Highest Band Edge / 1 RB



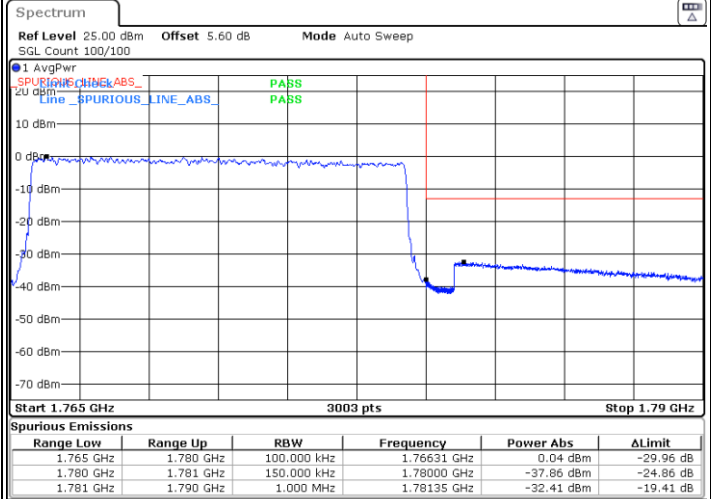
Date: 16.JUN.2024 04:39:34

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:34:36

Highest Band Edge / Full RB

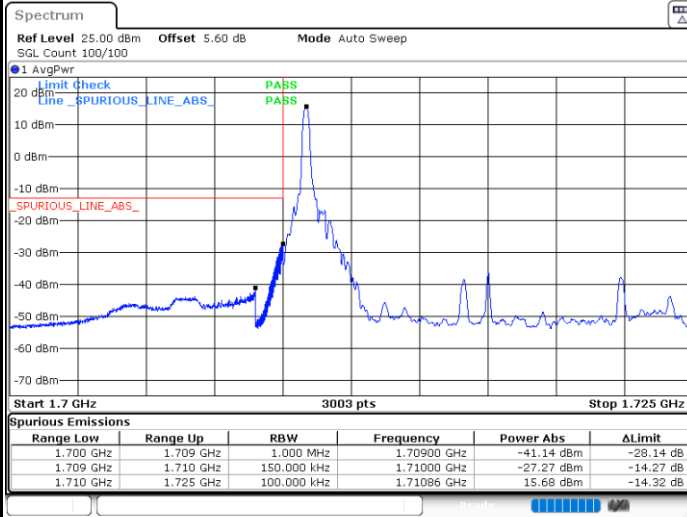


Date: 16.JUN.2024 04:40:54



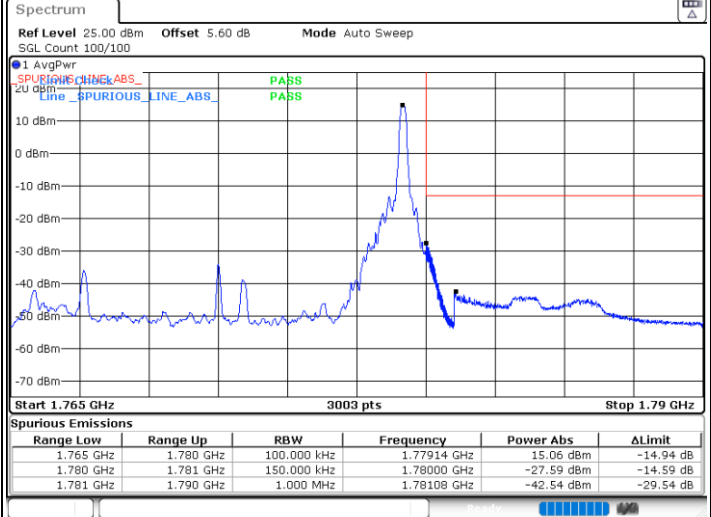
LTE Band 66 / 15MHz /256QAM

Lowest Band Edge / 1RB



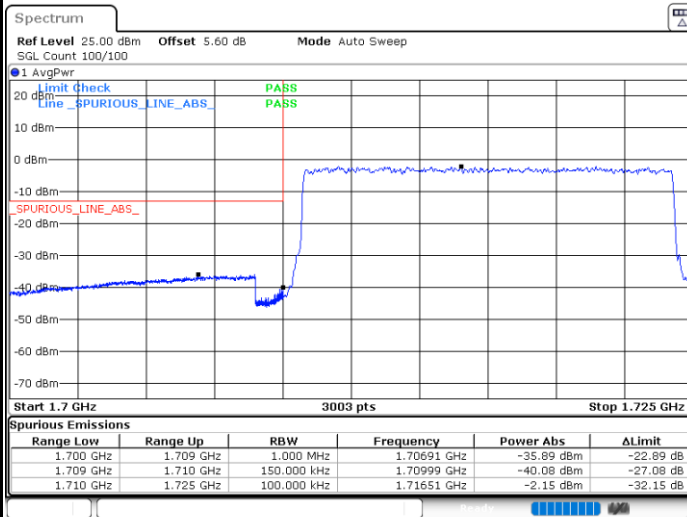
Date: 16.JUN.2024 04:33:34

Highest Band Edge / 1 RB



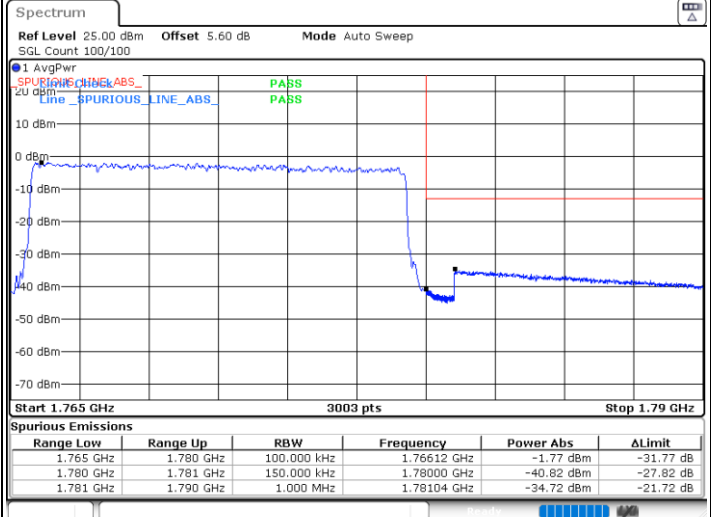
Date: 16.JUN.2024 04:40:08

Lowest Band Edge / Full RB



Date: 16.JUN.2024 04:34:07

Highest Band Edge / Full RB

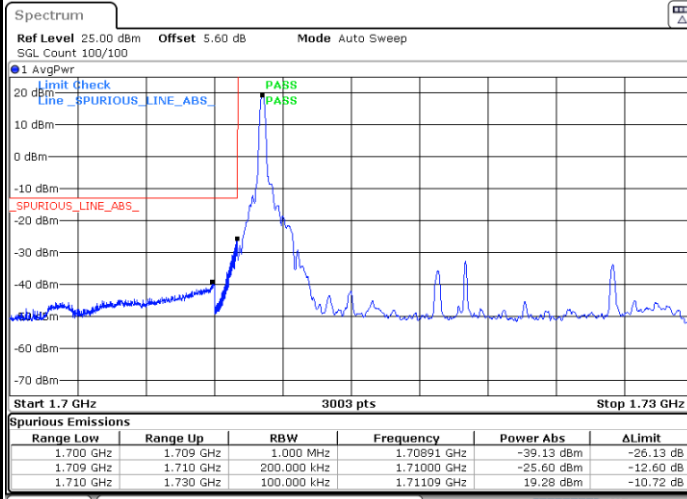


Date: 16.JUN.2024 04:40:37



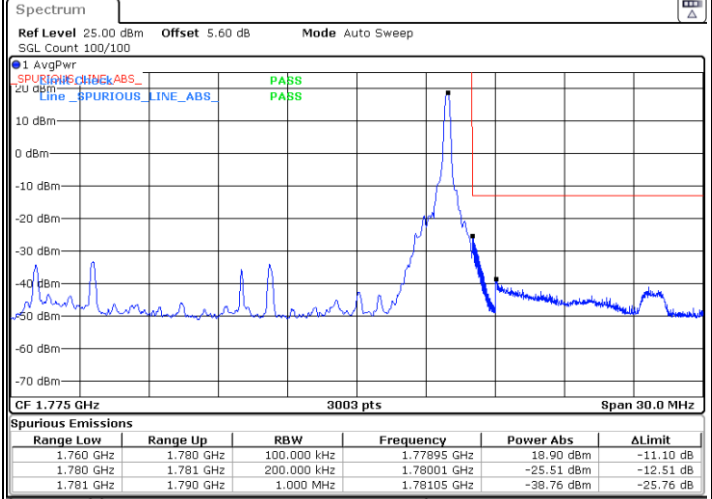
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



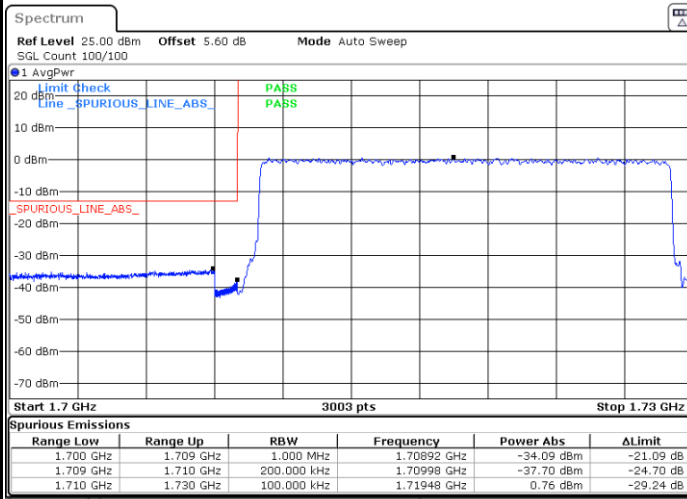
Date: 16.JUN.2024 05:20:02

Highest Band Edge / 1 RB



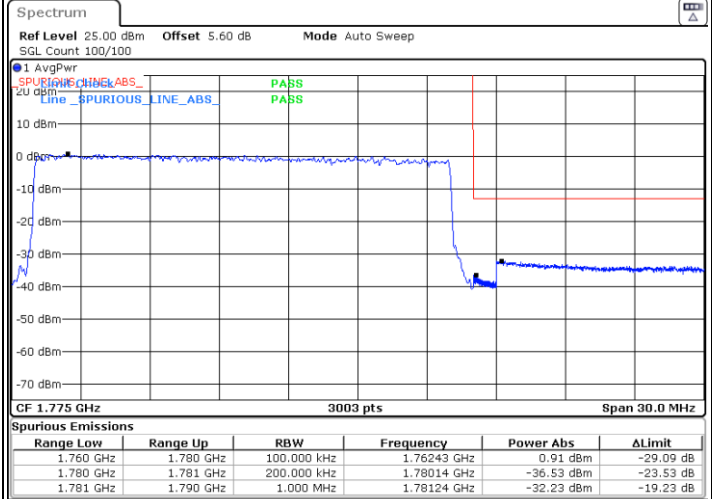
Date: 16.JUN.2024 05:28:37

Lowest Band Edge / Full RB



Date: 16.JUN.2024 05:23:25

Highest Band Edge / Full RB



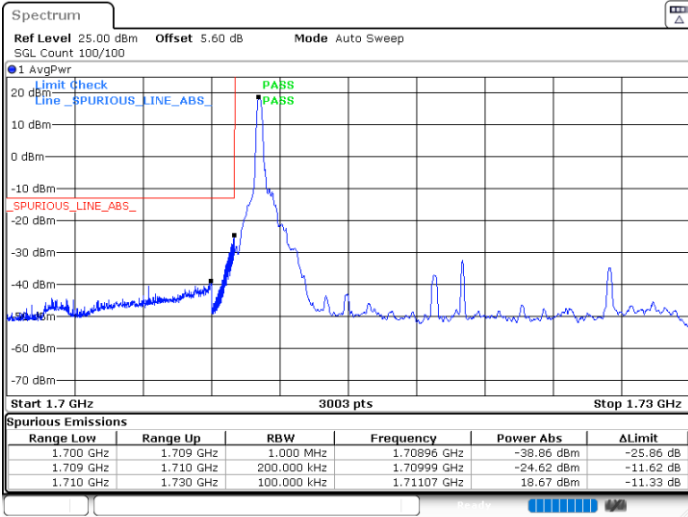
Date: 16.JUN.2024 05:30:20



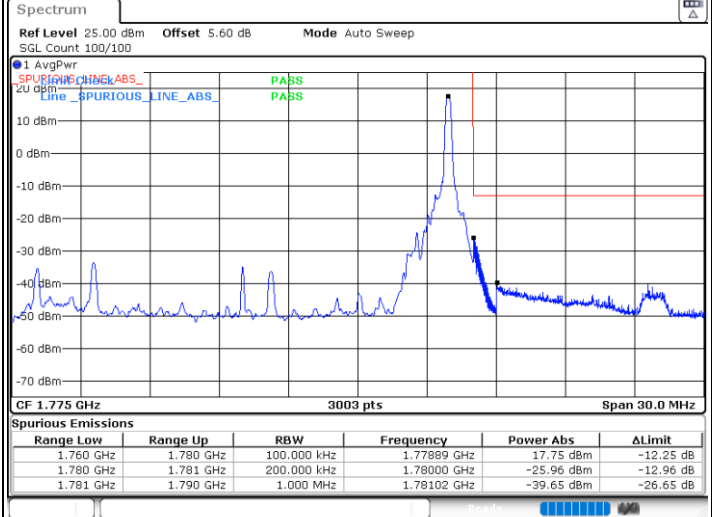
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



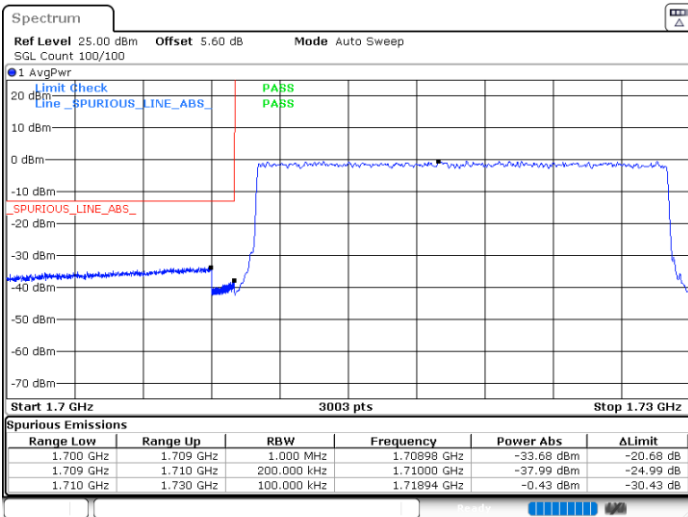
Date: 16.JUN.2024 05:20:50



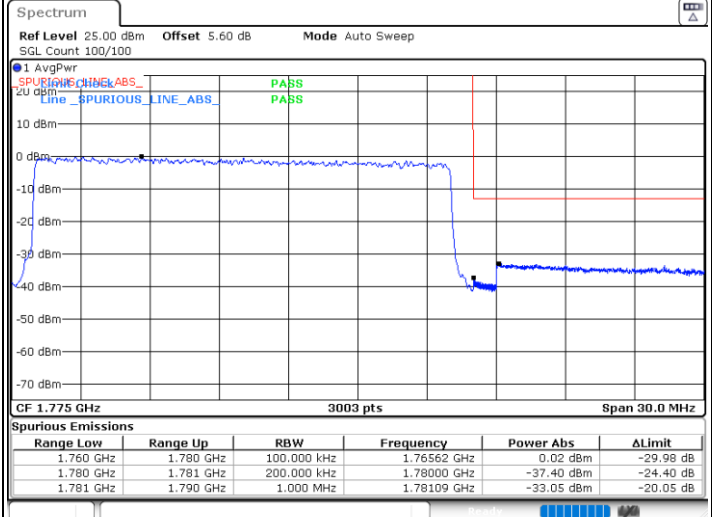
Date: 16.JUN.2024 05:28:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 05:23:10

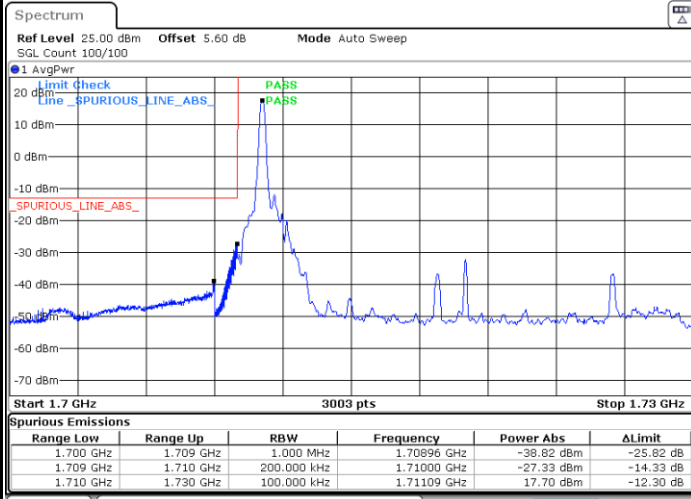


Date: 16.JUN.2024 05:30:10



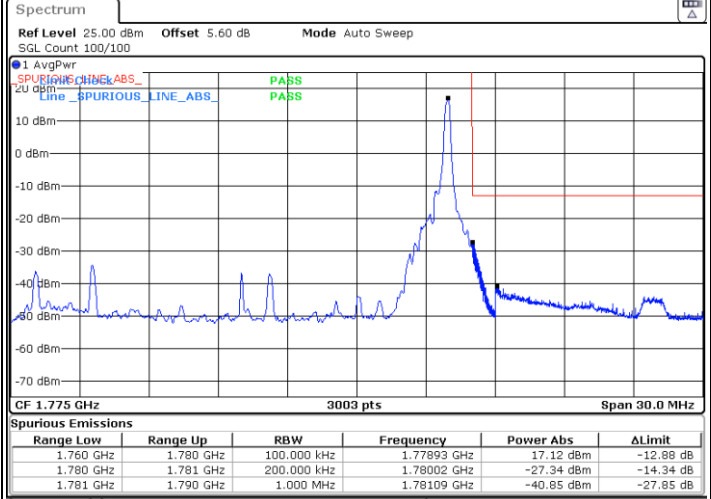
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



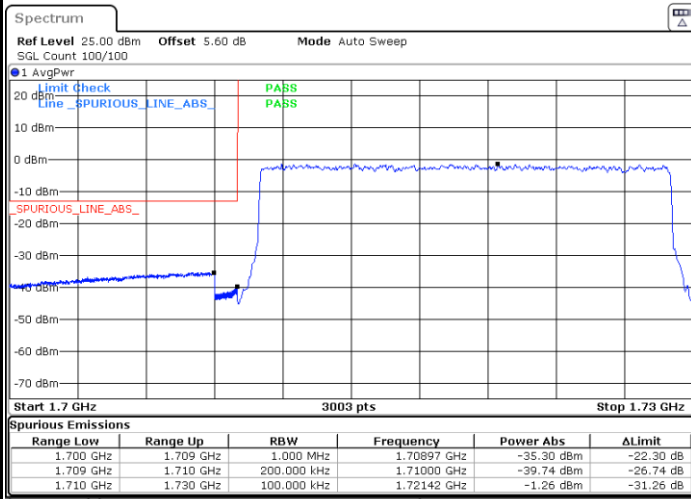
Date: 16.JUN.2024 05:21:34

Highest Band Edge / 1 RB



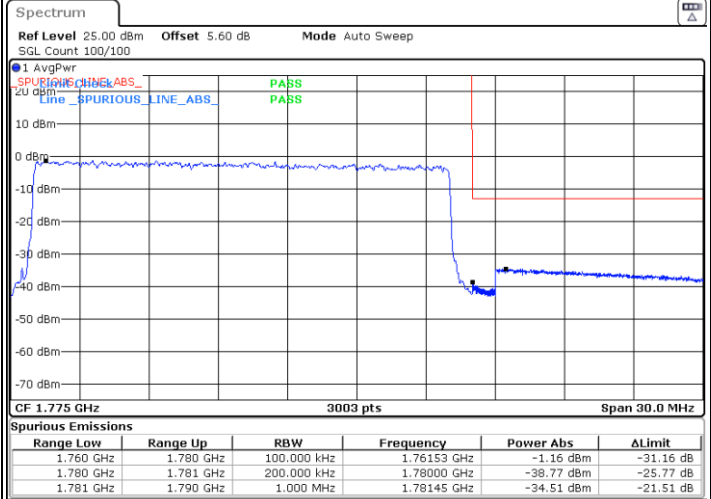
Date: 16.JUN.2024 05:29:00

Lowest Band Edge / Full RB



Date: 16.JUN.2024 05:22:33

Highest Band Edge / Full RB



Date: 16.JUN.2024 05:29:55

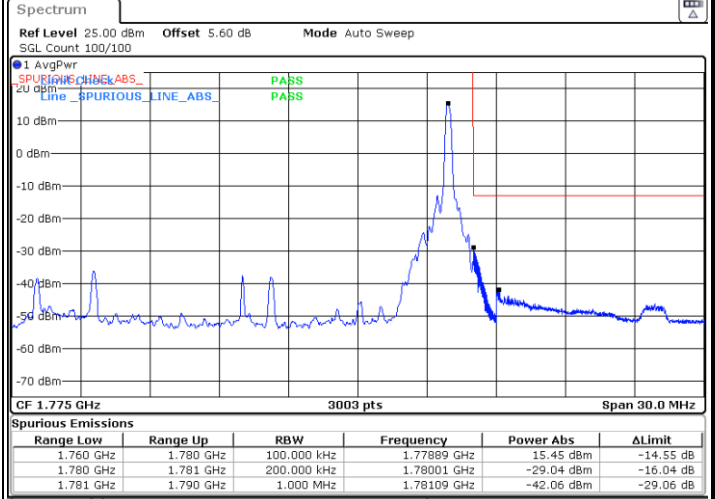
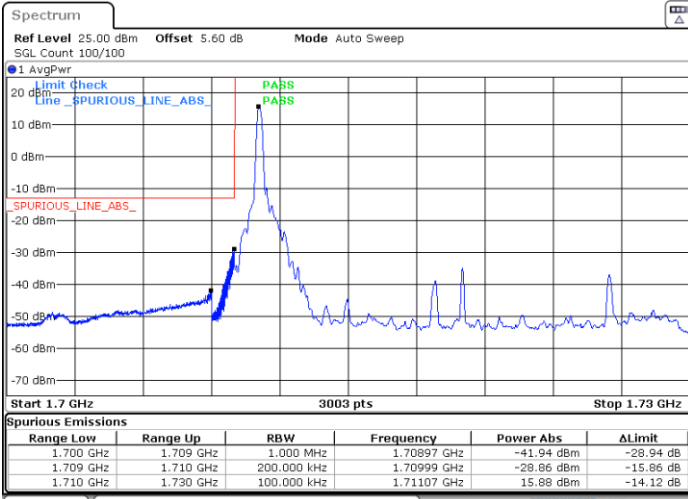




LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

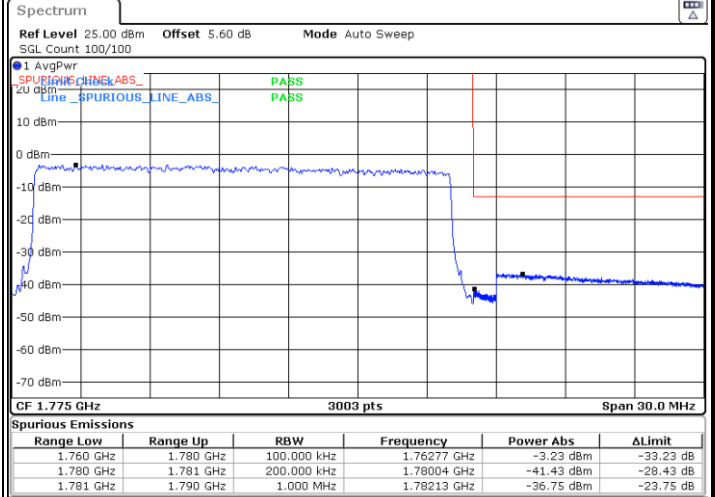
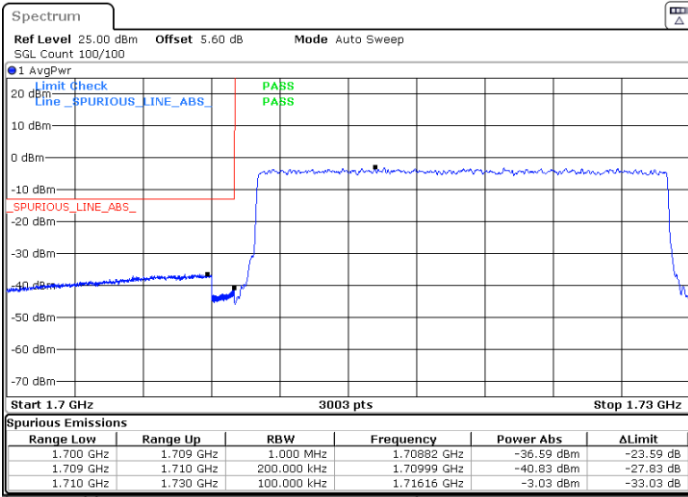


Date: 16.JUN.2024 05:21:50

Date: 16.JUN.2024 05:29:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.JUN.2024 05:22:12

Date: 16.JUN.2024 05:29:39

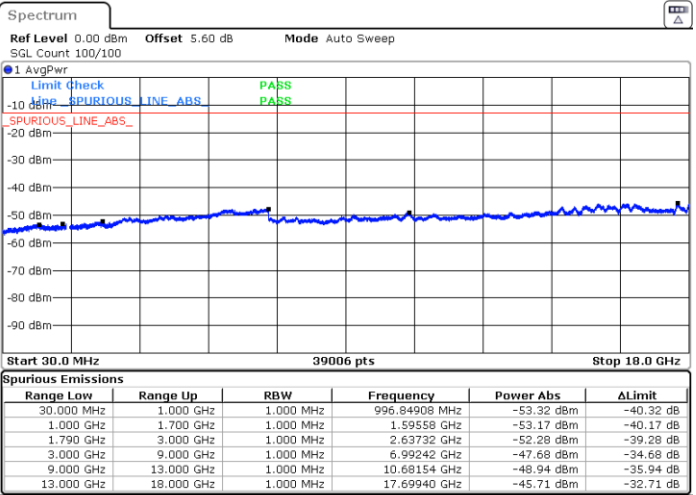
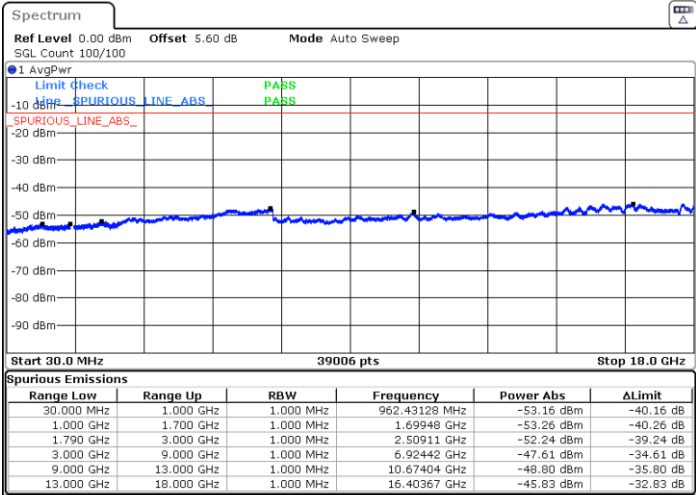


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

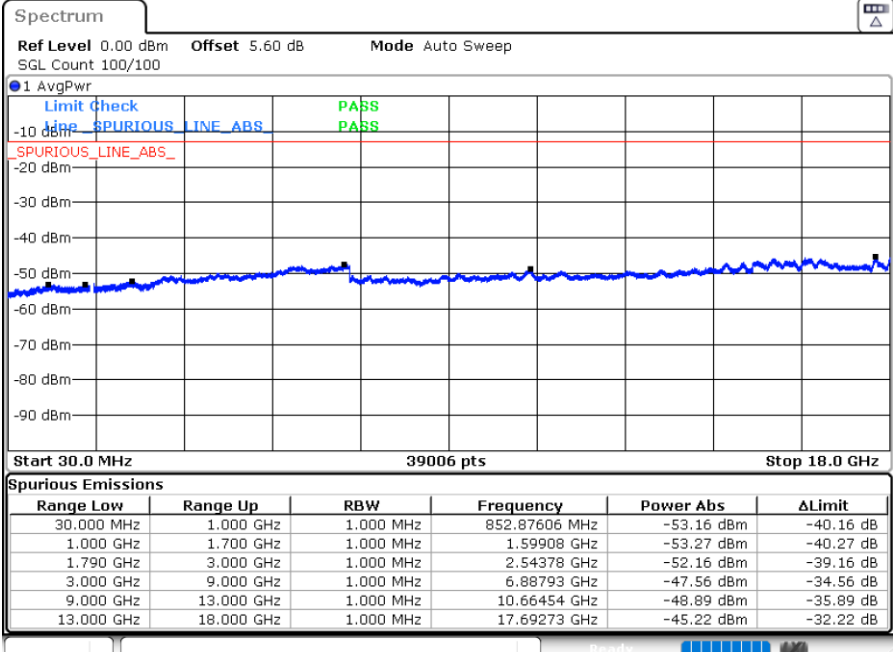
### Middle Channel / QPSK



Date: 16.JUN.2024 02:47:26

Date: 16.JUN.2024 03:10:14

### Highest Channel / QPSK



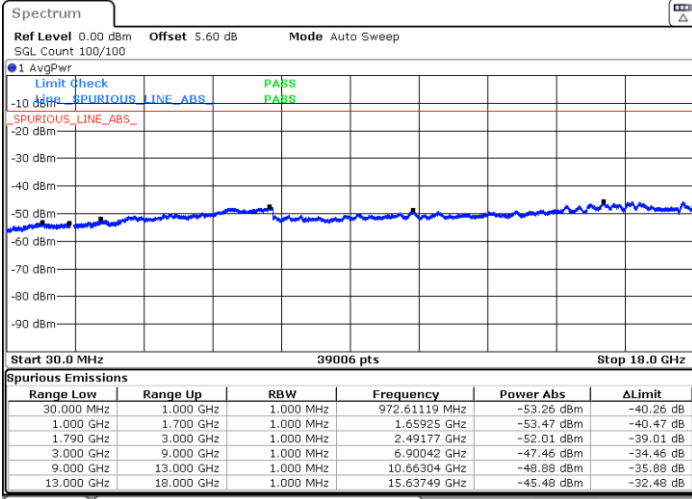
Date: 16.JUN.2024 03:11:34



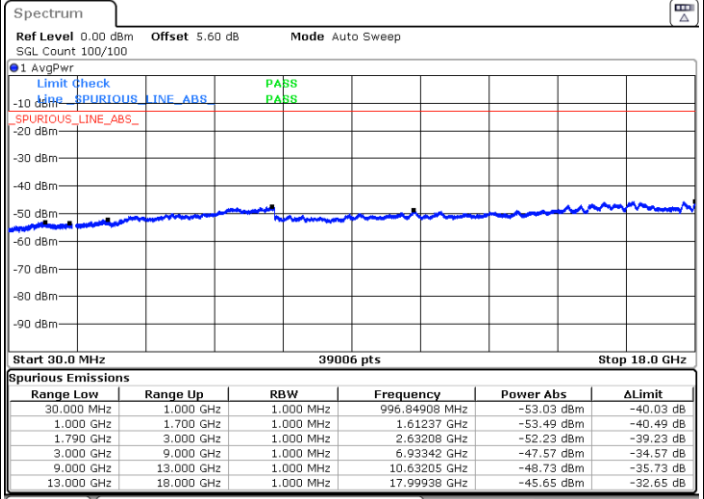
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

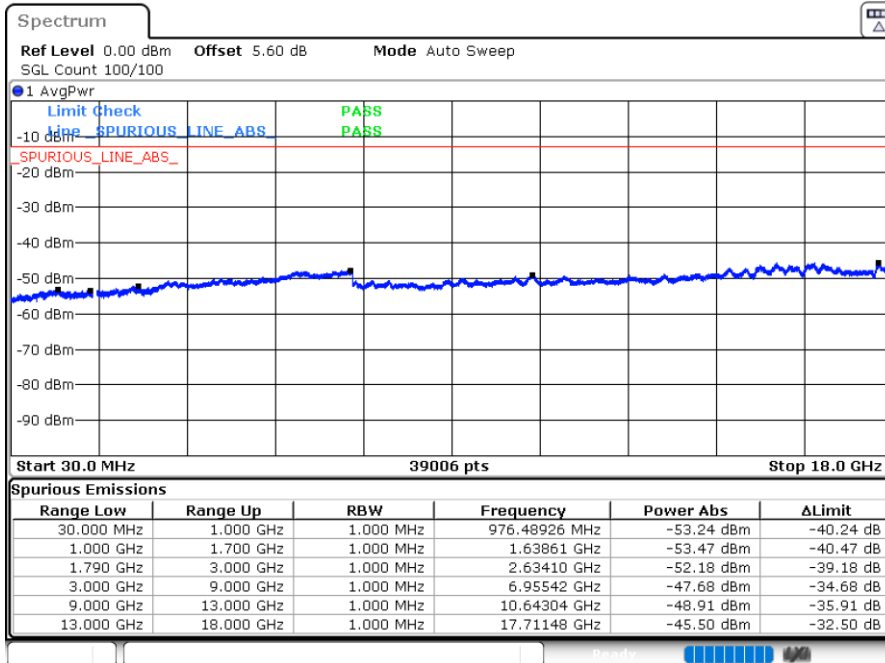


Date: 16.JUN.2024 03:34:48



Date: 16.JUN.2024 03:48:16

Highest Channel / QPSK



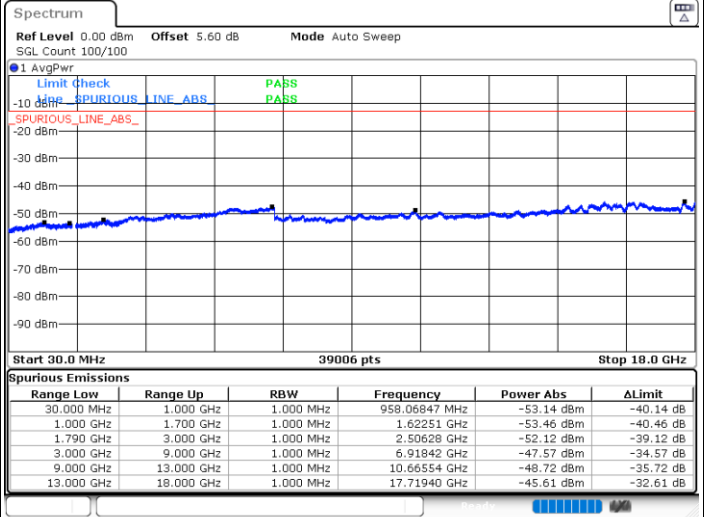
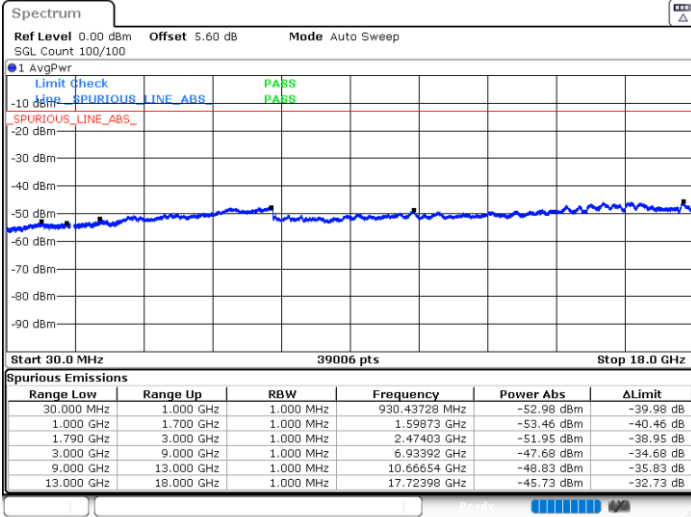
Date: 16.JUN.2024 03:49:51



LTE Band 66 / 5MHz

Lowest Channel / QPSK

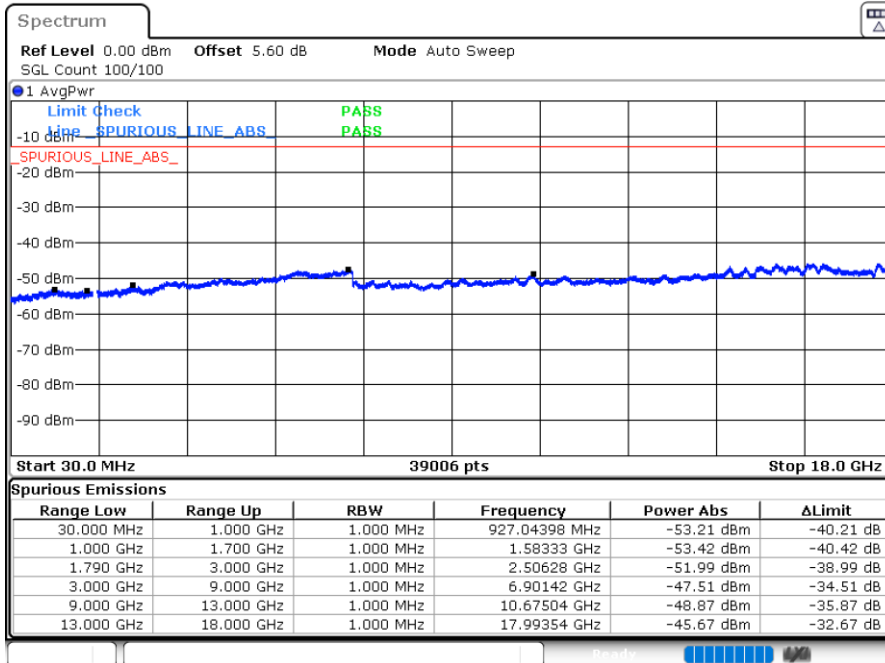
Middle Channel / QPSK



Date: 16.JUN.2024 04:07:44

Date: 16.JUN.2024 04:12:51

Highest Channel / QPSK



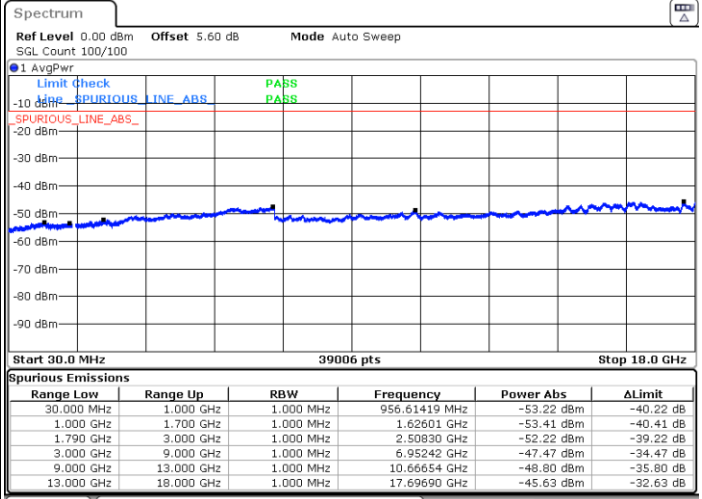
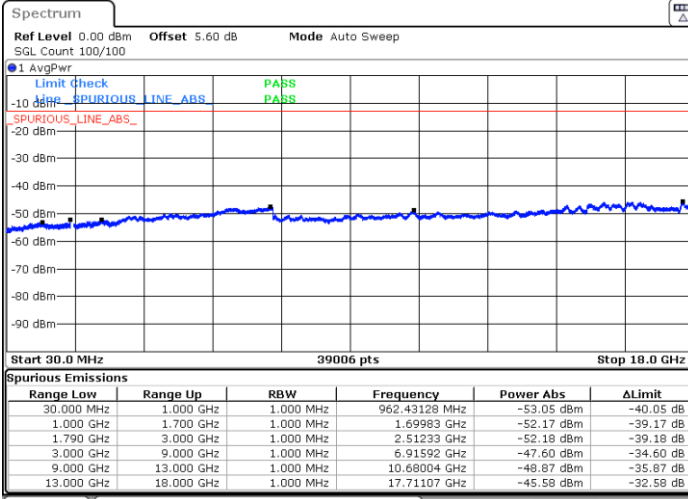
Date: 16.JUN.2024 04:14:03



LTE Band 66 / 10MHz

Lowest Channel / QPSK

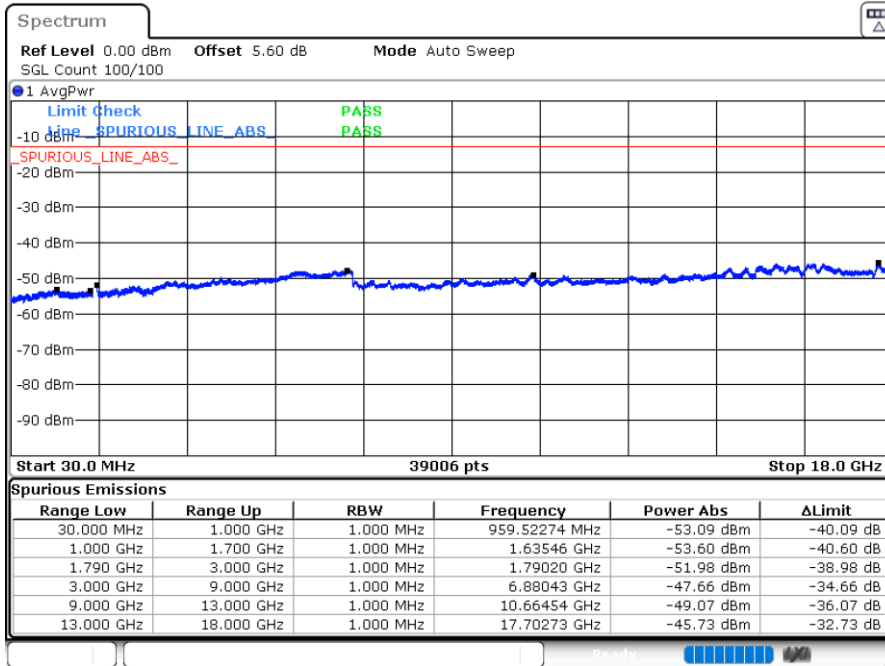
Middle Channel / QPSK



Date: 16.JUN.2024 04:21:02

Date: 16.JUN.2024 04:26:11

Highest Channel / QPSK



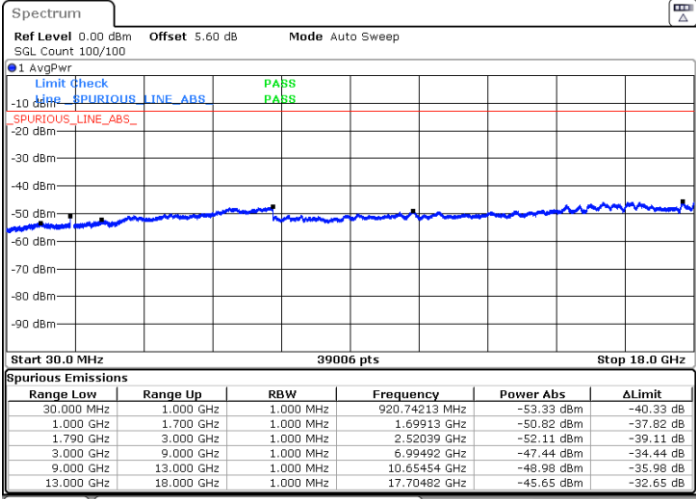
Date: 16.JUN.2024 04:27:21



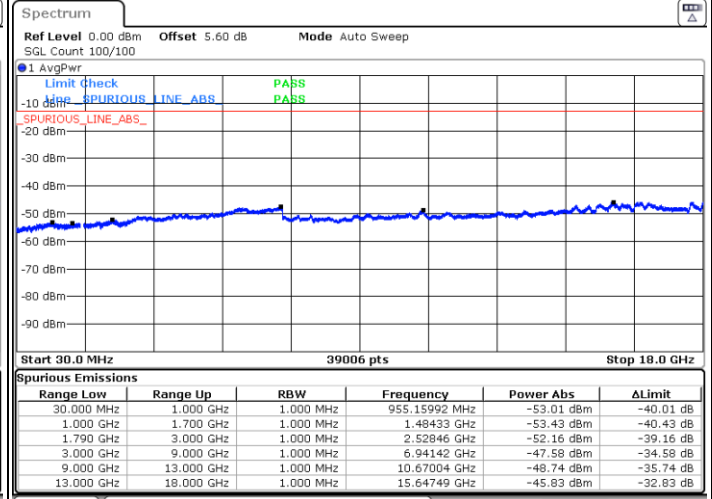
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

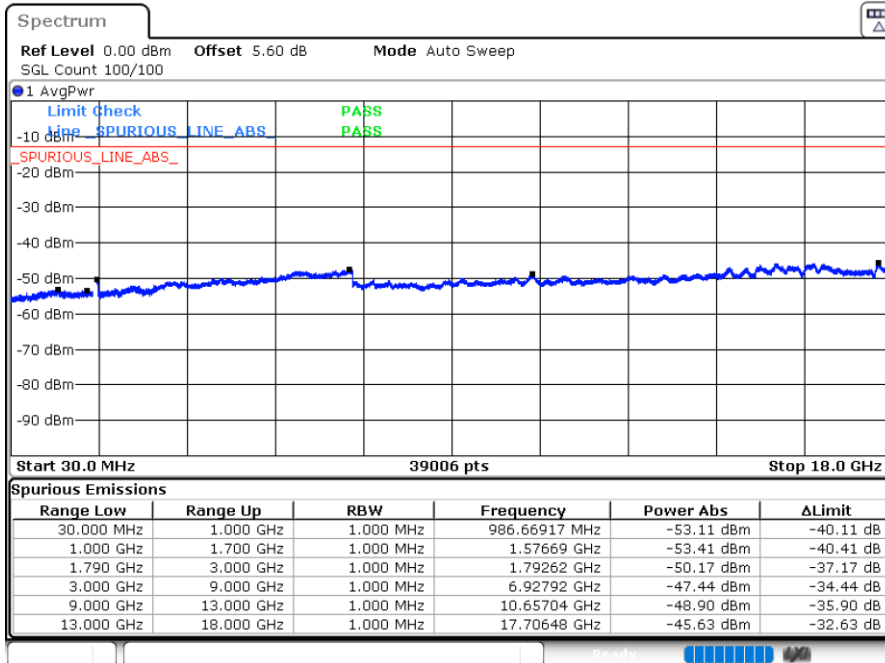


Date: 16.JUN.2024 04:32:21



Date: 16.JUN.2024 04:37:12

Highest Channel / QPSK



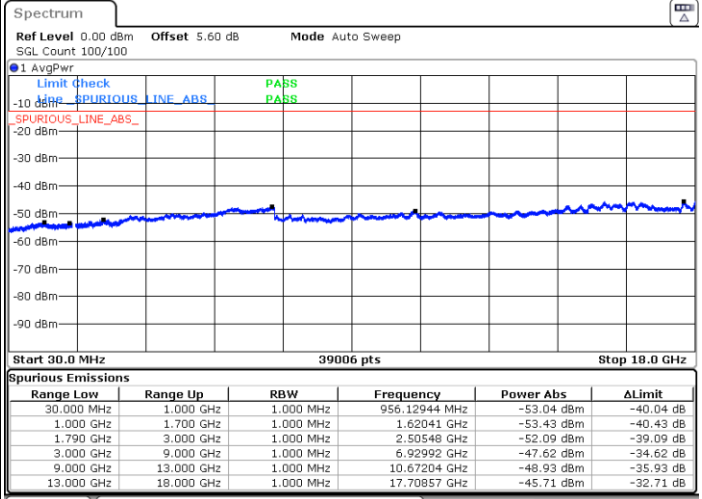
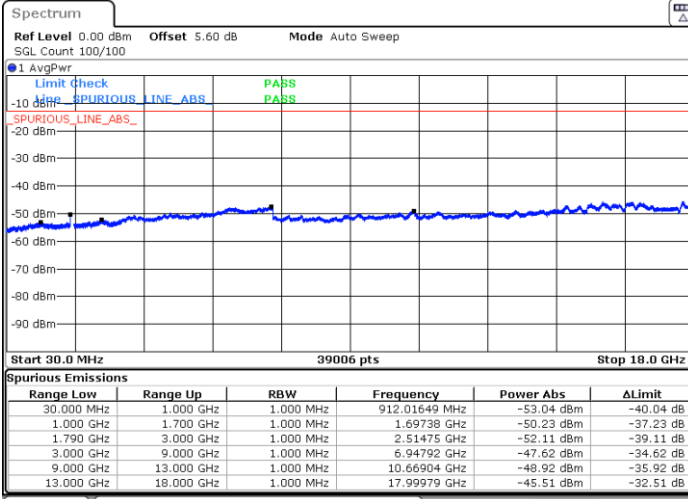
Date: 16.JUN.2024 04:38:22



LTE Band 66 / 20MHz

Lowest Channel / QPSK

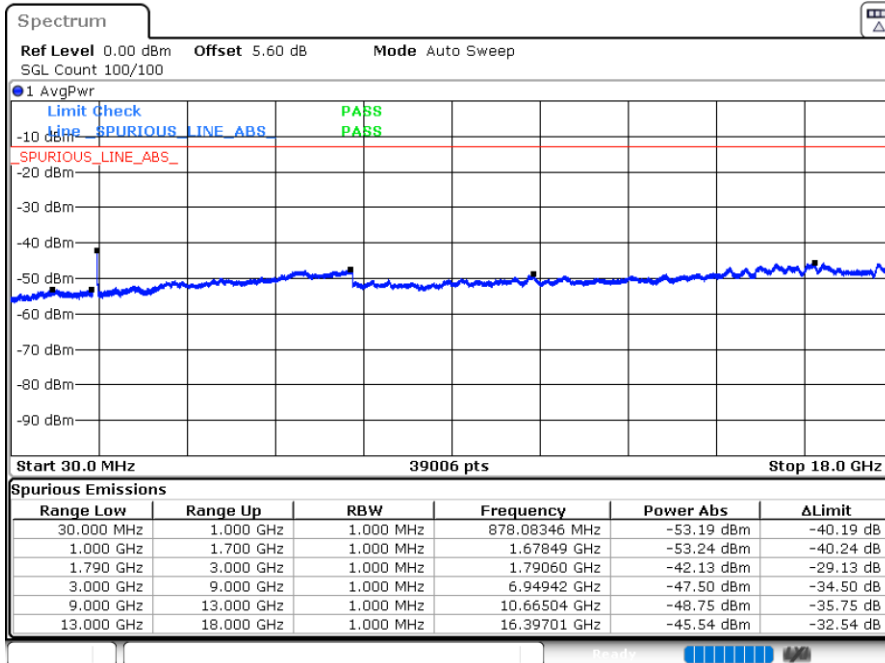
Middle Channel / QPSK



Date: 16.JUN.2024 04:43:59

Date: 16.JUN.2024 05:27:09

Highest Channel / QPSK



Date: 16.JUN.2024 05:28:12



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	0.0032	PASS
40	Normal Voltage	0.0065	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0053	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0057	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 12 / 10MHz / QPSK								
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	1408	-64.71	-13	-51.71	-71.68	1.58	10.70	H
	2112	-47.64	-13	-34.64	-55.89	2.102	12.50	H
	2816	-60.85	-13	-47.85	-69.74	2.856	13.90	H
	1408	-63.91	-13	-50.91	-70.88	1.58	10.70	V
	2112	-46.85	-13	-33.85	-55.10	2.10	12.50	V
	2816	-60.29	-13	-47.29	-69.18	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK								
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	1560	-65.64	-42.15	-23.49	-68.27	1.09	5.87	H
	2336	-56.06	-13	-43.06	-58.46	1.37	5.92	H
	3120	-61.14	-13	-48.14	-65.03	1.64	7.68	H
	1560	-58.27	-42.15	-16.12	-60.90	1.09	5.87	V
	2336	-49.07	-13	-36.07	-51.47	1.37	5.92	V
	3120	-60.77	-13	-47.77	-64.66	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK								
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	1552	-62.42	-13	-49.42	-65.05	1.09	5.87	H
	2336	-54.99	-13	-41.99	-57.39	1.37	5.92	H
	3112	-61.11	-13	-48.11	-65.00	1.64	7.68	H
	1552	-53.86	-13	-40.86	-56.49	1.09	5.87	V
	2336	-45.80	-13	-32.80	-48.20	1.37	5.92	V
	3112	-60.81	-13	-47.81	-64.70	1.64	7.68	V

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



LTE Band 25 / 20MHz / QPSK								
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	3750	-55.11	-13	-42.11	-67.37	2.64	14.90	H
	5625	-51.83	-13	-38.83	-63.69	2.94	14.80	H
	7500	-54.29	-13	-41.29	-64.06	3.39	13.16	H
	3750	-56.13	-13	-43.13	-68.39	2.64	14.90	V
	5625	-44.65	-13	-31.65	-56.51	2.94	14.80	V
	7500	-54.61	-13	-41.61	-64.38	3.39	13.16	V

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

LTE Band 2 /20MHz/ QPSK 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	3735	-56.45	-13	-43.45	-68.71	2.64	14.90	H
	5610	-55.47	-13	-42.47	-67.33	2.94	14.80	H
	7485	-54.43	-13	-41.43	-64.20	3.39	13.16	H
	3735	-56.43	-13	-43.43	-68.69	2.64	14.90	V
	5610	-55.66	-13	-42.66	-67.52	2.94	14.80	V
	7485	-54.31	-13	-41.31	-64.08	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK								
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	1656	-59.54	-13	-46.54	-66.51	1.58	10.70	H
	2488	-50.53	-13	-37.53	-58.78	2.102	12.50	H
	3320	-61.30	-13	-48.30	-70.19	2.856	13.90	H
	1656	-52.88	-13	-39.88	-59.85	1.58	10.70	V
	2488	-43.84	-13	-30.84	-52.09	2.10	12.50	V
	3320	-61.08	-13	-48.08	-69.97	2.86	13.90	V

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



LTE Band 66 / 20MHz / QPSK								
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	3465	-57.98	-13	-44.98	-68.72	2.604	13.34	H
	5205	-55.28	-13	-42.28	-65.79	3.011	13.52	H
	6945	-55.79	-13	-42.79	-65.99	3.271	13.47	H
	3465	-58.04	-13	-45.04	-68.78	2.604	13.34	V
	5205	-55.25	-13	-42.25	-65.76	3.011	13.52	V
	6945	-55.45	-13	-42.45	-65.65	3.271	13.47	V

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

LTE Band 66 / 20MHz / QPSK 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	3465	-57.78	-13	-44.78	-68.52	2.604	13.34	H
	5205	-54.86	-13	-41.86	-65.37	3.011	13.52	H
	6945	-55.39	-13	-42.39	-65.59	3.271	13.47	H
	3465	-57.95	-13	-44.95	-68.69	2.604	13.34	V
	5205	-55.42	-13	-42.42	-65.93	3.011	13.52	V
	6945	-55.76	-13	-42.76	-65.96	3.271	13.47	V

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