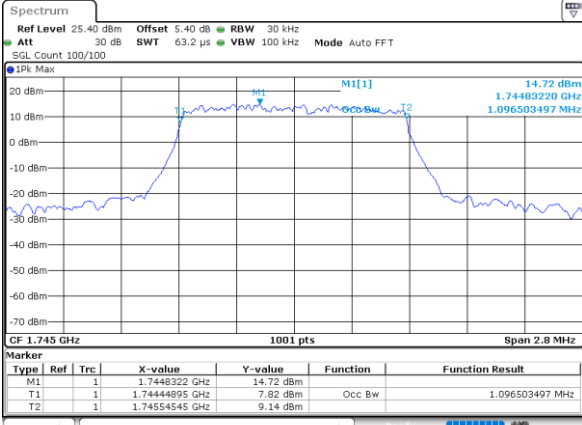




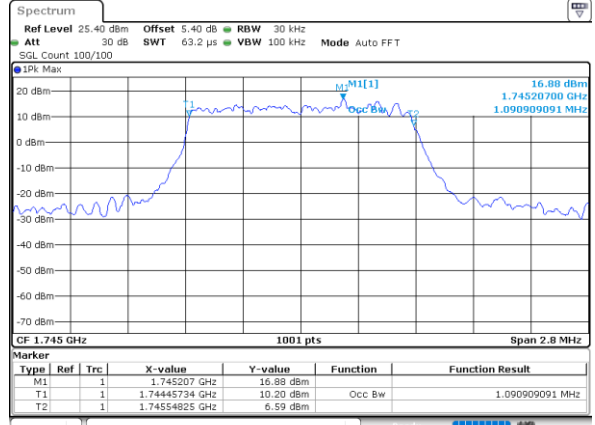
LTE Band 66

Middle Channel / 1.4MHz / QPSK



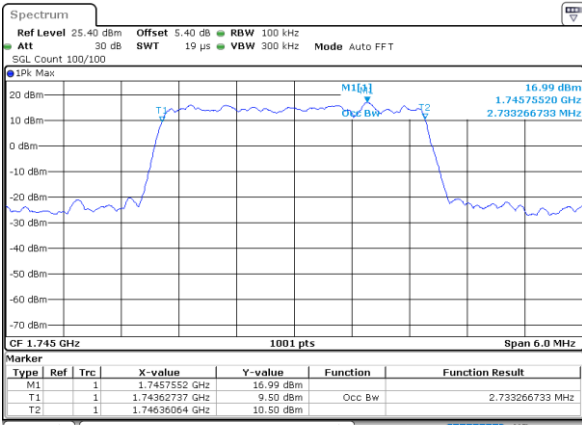
Date: 12, JAN, 2023 06:36:16

Middle Channel / 1.4MHz / 16QAM



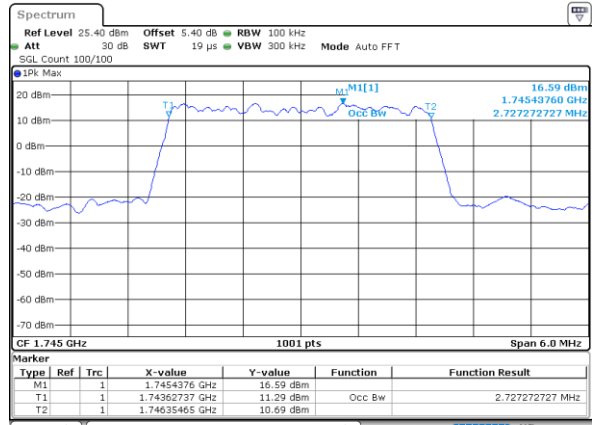
Date: 12, JAN, 2023 06:35:42

Middle Channel / 3MHz / QPSK



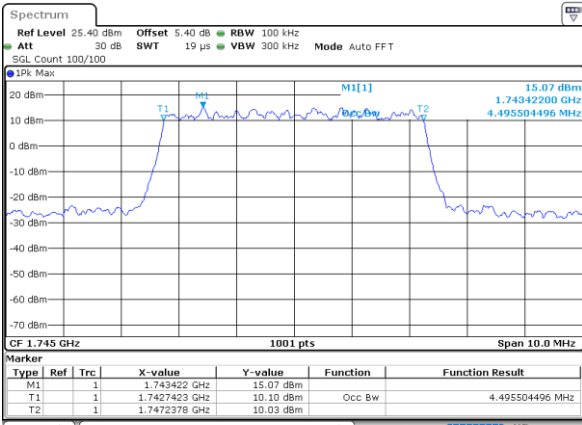
Date: 12, JAN, 2023 07:10:43

Middle Channel / 3MHz / 16QAM



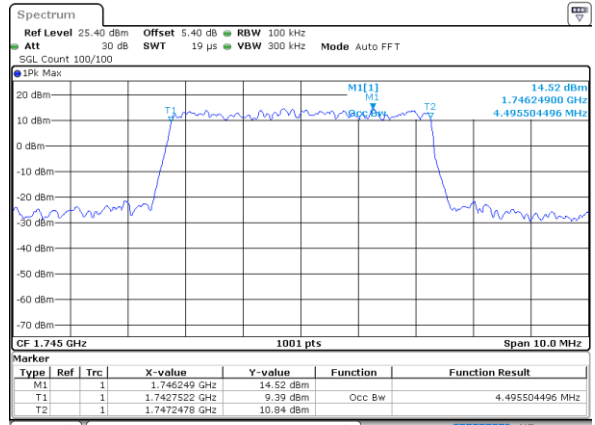
Date: 12, JAN, 2023 07:10:03

Middle Channel / 5MHz / QPSK



Date: 12, JAN, 2023 07:19:19

Middle Channel / 5MHz / 16QAM

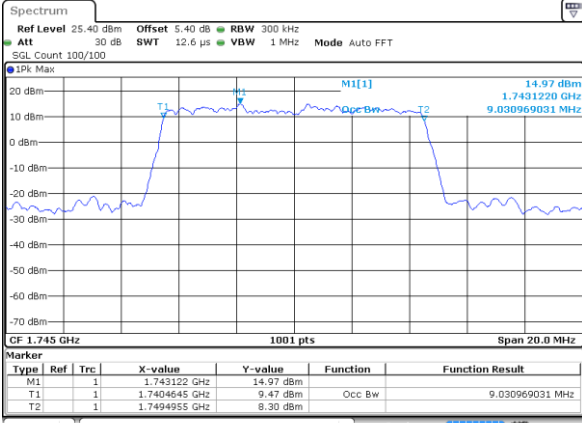


Date: 12, JAN, 2023 07:10:43



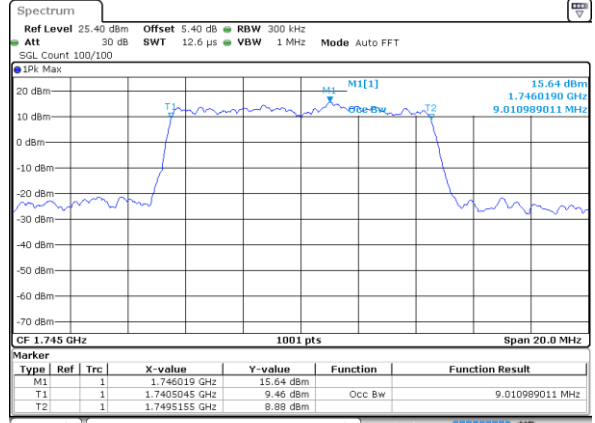
LTE Band 66

Middle Channel / 10MHz / QPSK



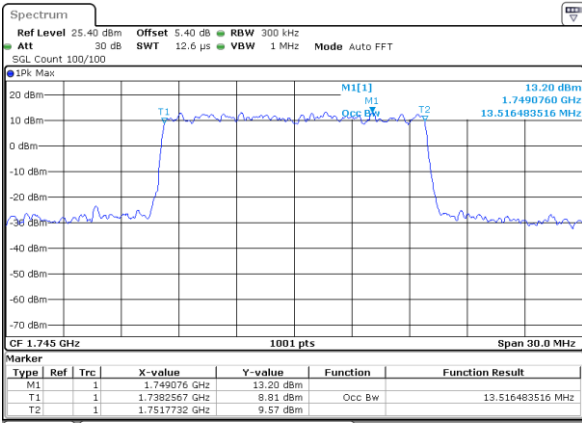
Date: 12 JAN 2023 09:03:37

Middle Channel / 10MHz / 16QAM



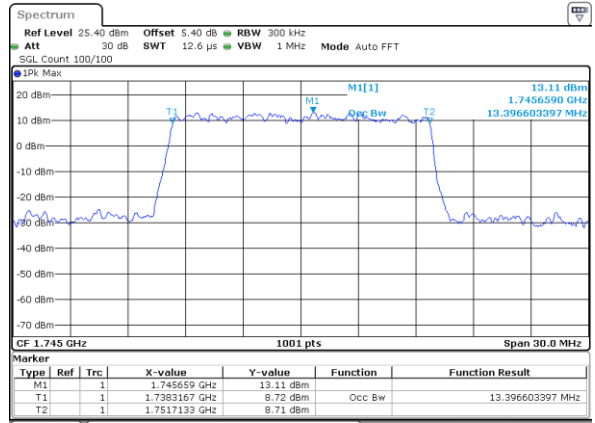
Date: 12 JAN 2023 09:04:40

Middle Channel / 15MHz / QPSK



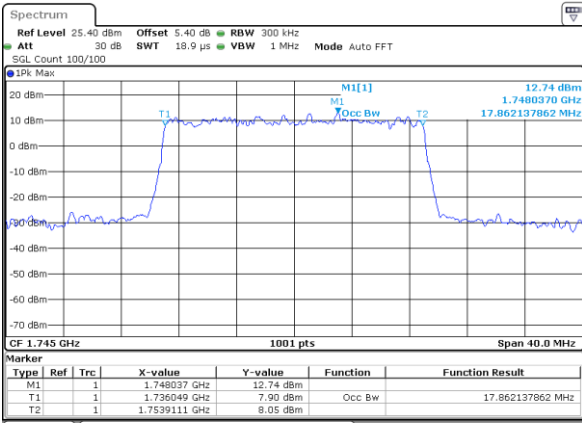
Date: 12 JAN 2023 09:29:51

Middle Channel / 15MHz / 16QAM



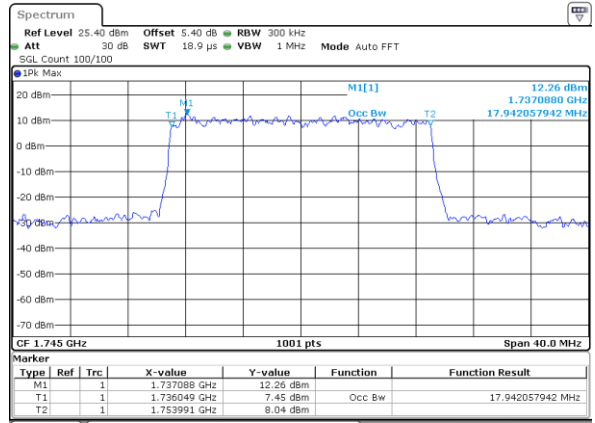
Date: 12 JAN 2023 09:31:26

Middle Channel / 20MHz / QPSK



Date: 12 JAN 2023 09:54:06

Middle Channel / 20MHz / 16QAM



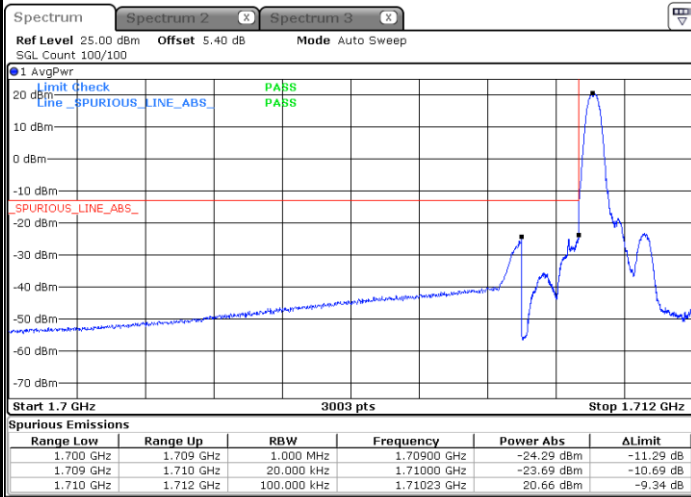
Date: 12 JAN 2023 09:55:30



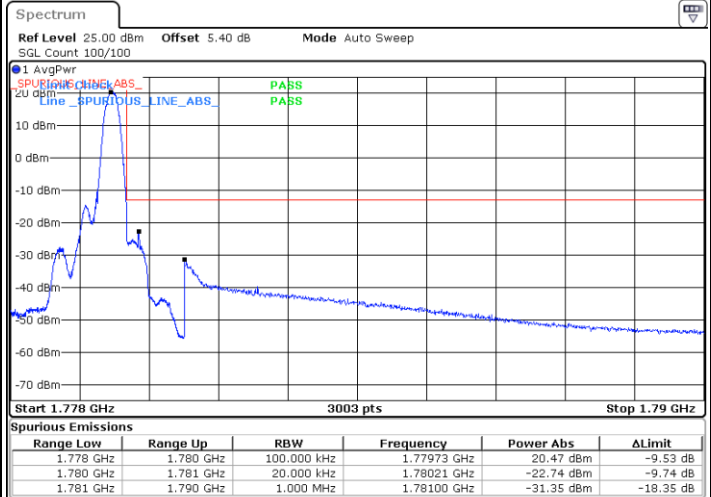
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

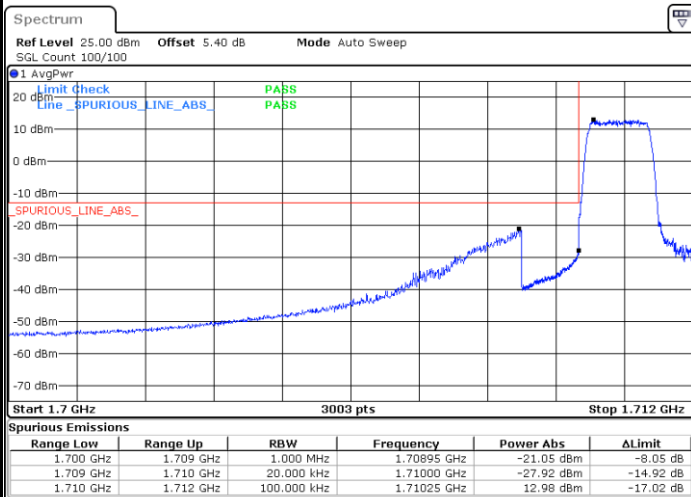
Lowest Band Edge / 1RB



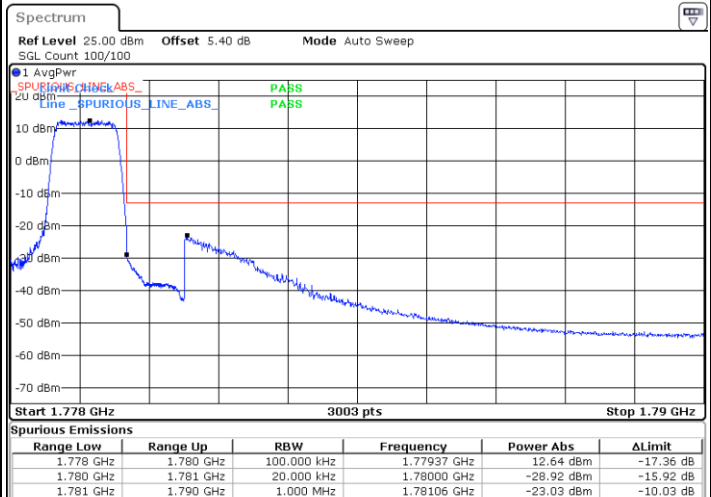
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



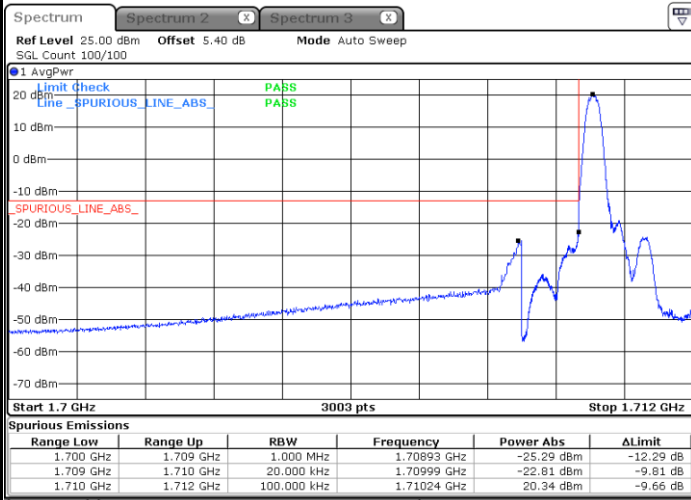
Highest Band Edge / Full RB





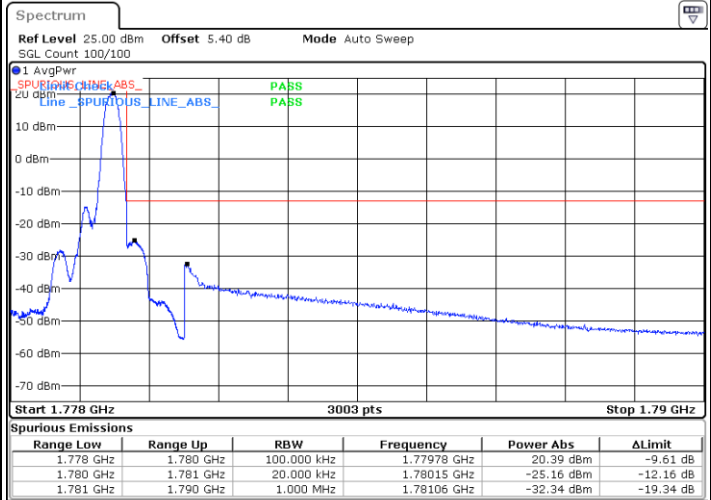
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



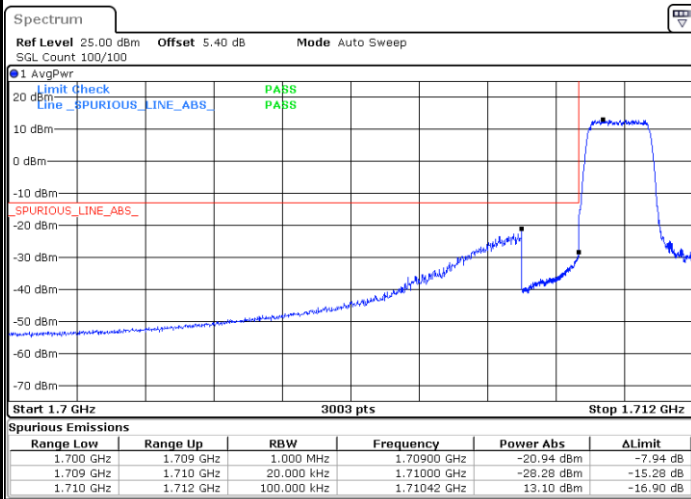
Date: 12.JAN.2023 06:12:32

Highest Band Edge / 1 RB



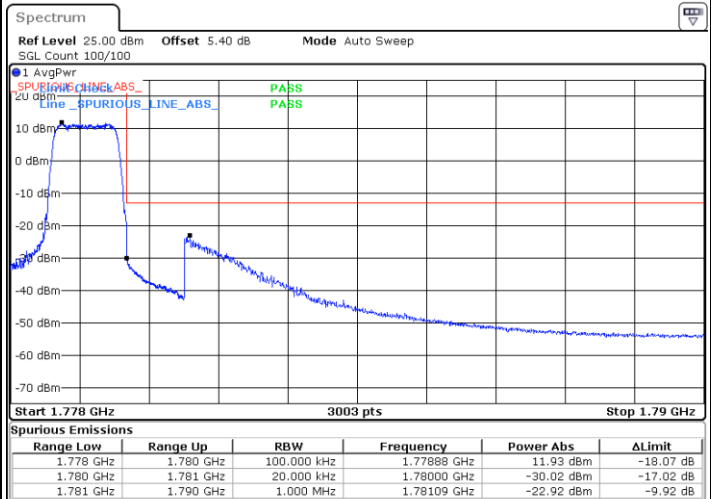
Date: 12.JAN.2023 06:30:29

Lowest Band Edge / Full RB



Date: 12.JAN.2023 04:30:59

Highest Band Edge / Full RB

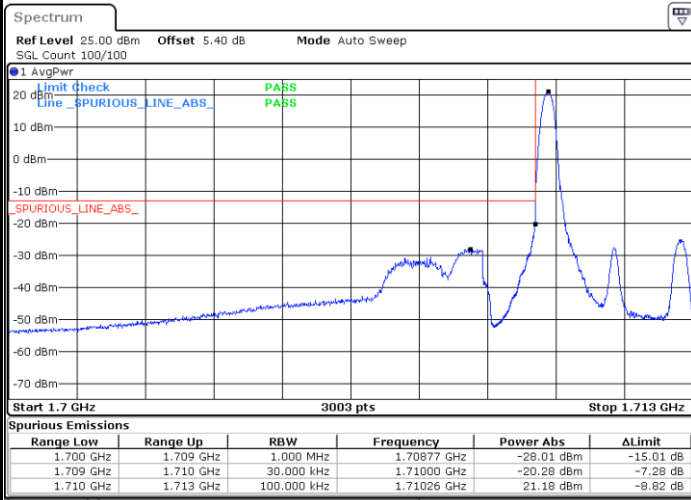


Date: 12.JAN.2023 06:21:00



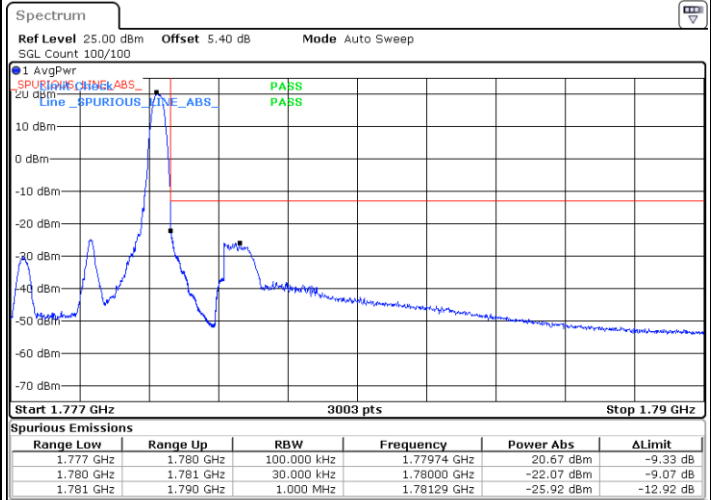
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



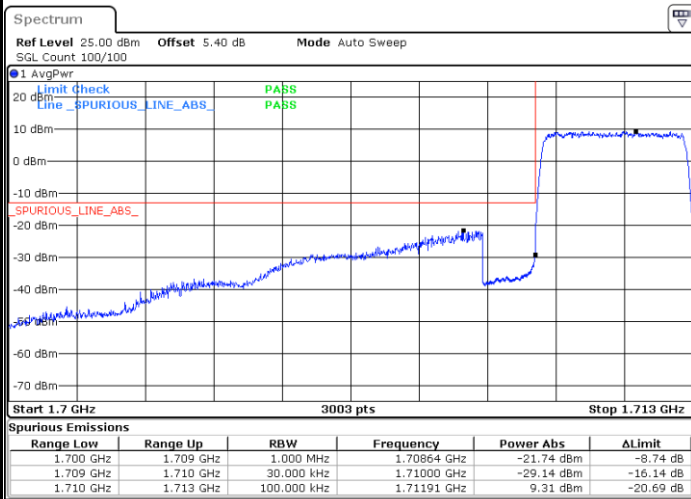
Date: 12.JAN.2023 06:56:50

Highest Band Edge / 1 RB



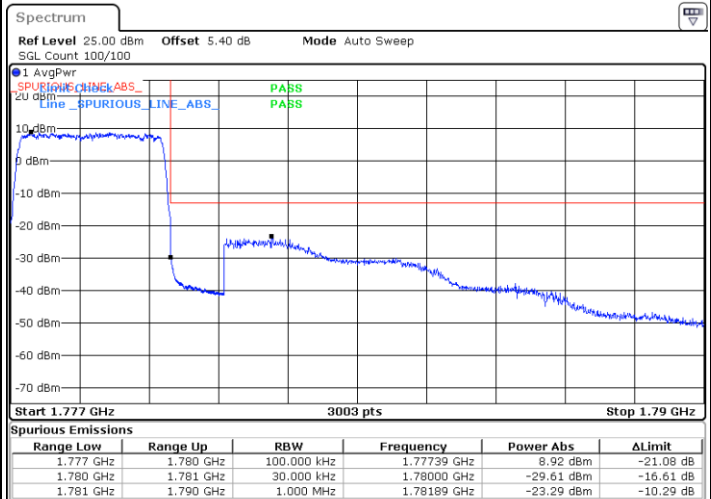
Date: 12.JAN.2023 07:07:45

Lowest Band Edge / Full RB



Date: 12.JAN.2023 06:47:42

Highest Band Edge / Full RB

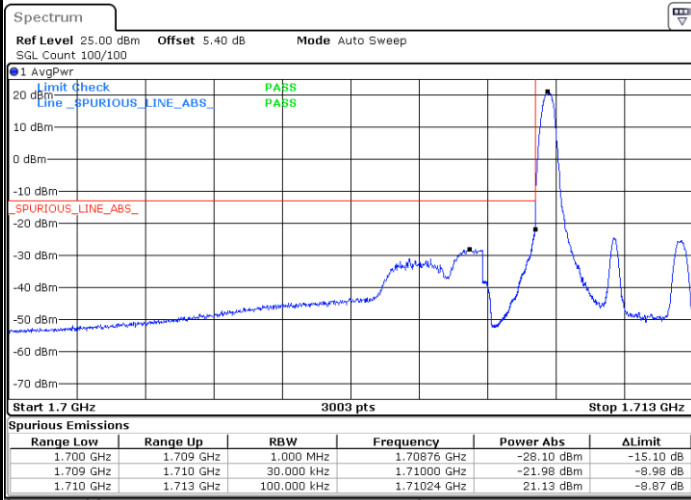


Date: 12.JAN.2023 06:58:01

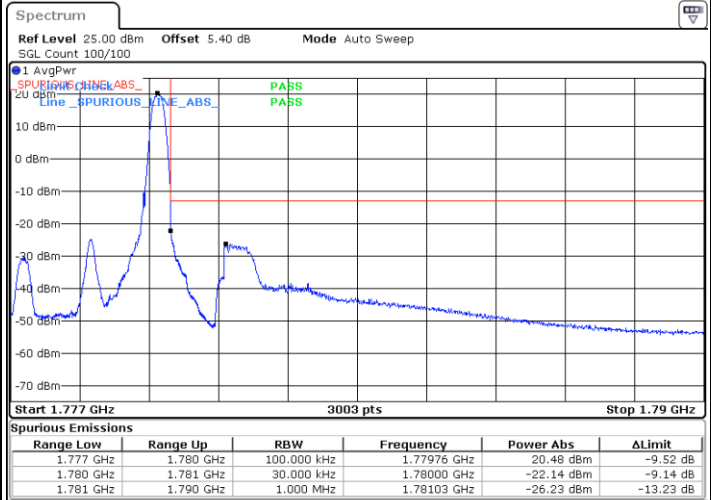


LTE Band 66 / 3MHz / 16QAM

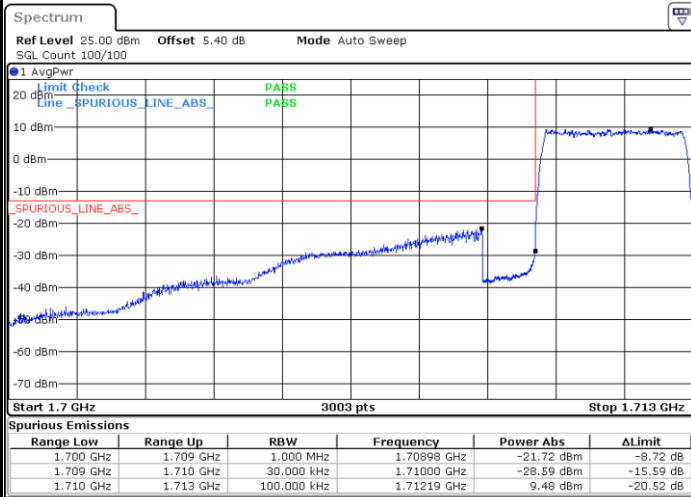
Lowest Band Edge / 1 RB



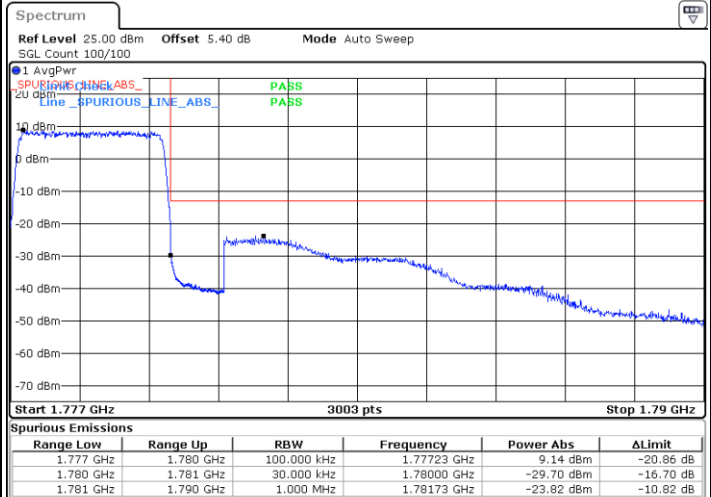
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



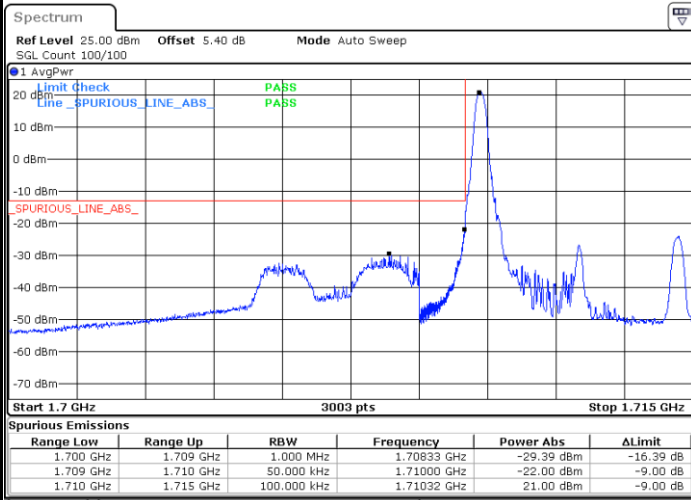
Highest Band Edge / Full RB





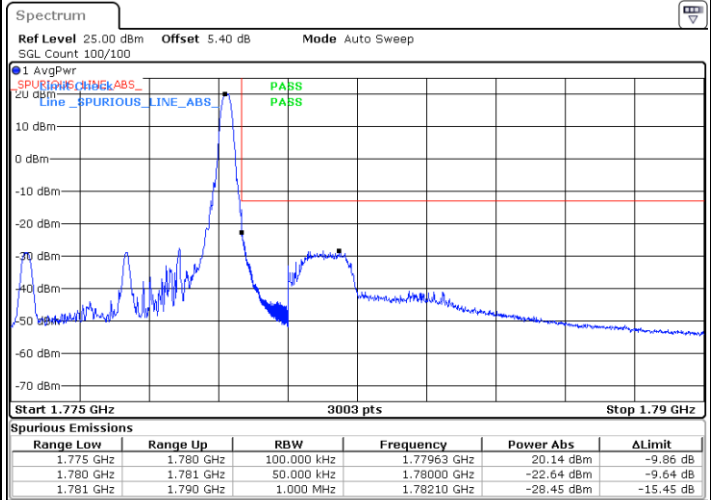
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



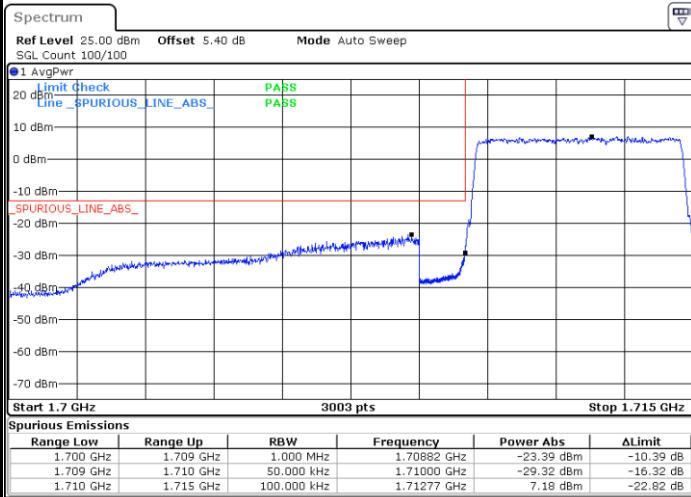
Date: 12.JAN.2023 07:22:14

Highest Band Edge / 1 RB



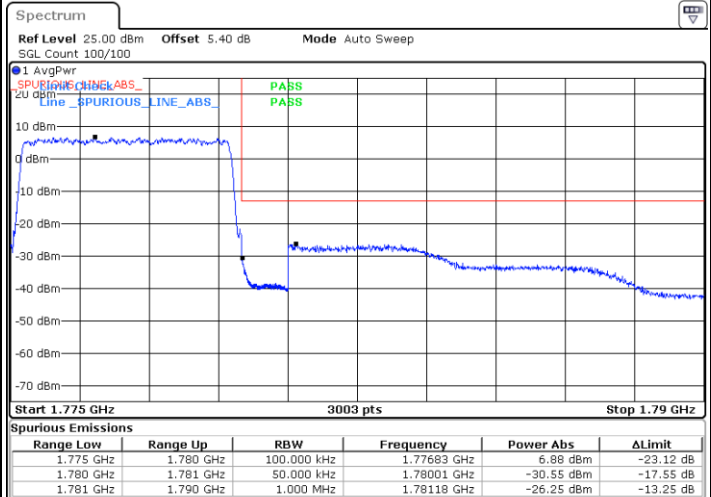
Date: 12.JAN.2023 07:28:07

Lowest Band Edge / Full RB



Date: 12.JAN.2023 07:17:14

Highest Band Edge / Full RB

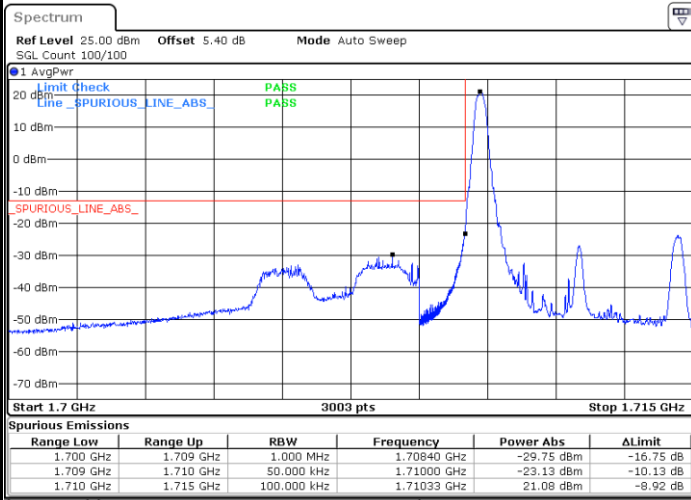


Date: 12.JAN.2023 07:22:59



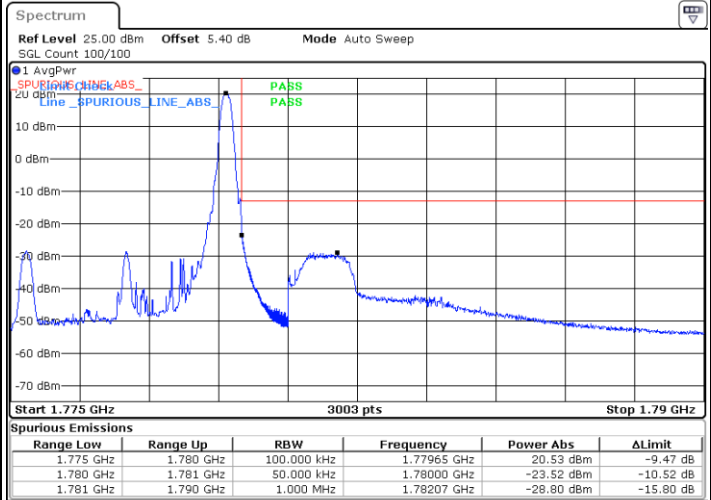
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



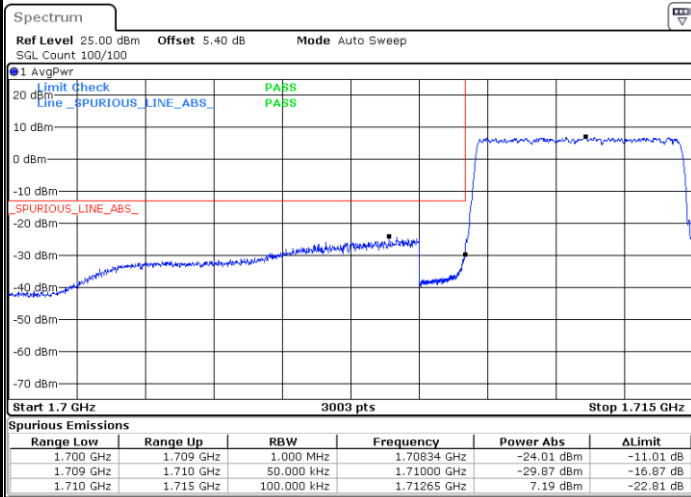
Date: 12. JAN. 2023 07:21:25

Highest Band Edge / 1 RB



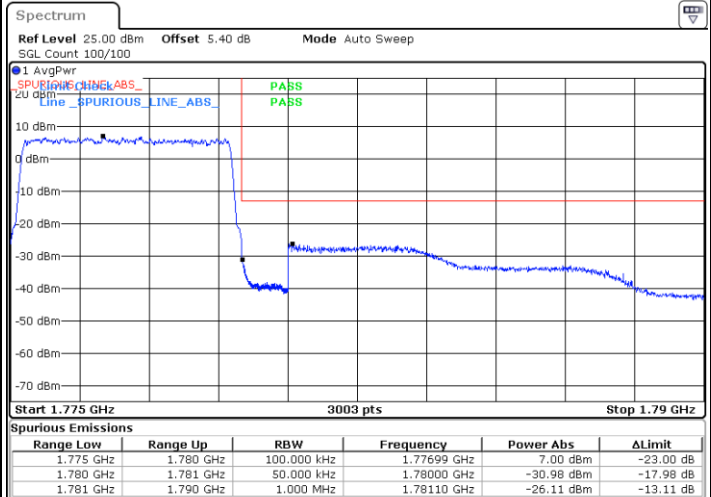
Date: 12. JAN. 2023 07:27:29

Lowest Band Edge / Full RB



Date: 12. JAN. 2023 07:17:55

Highest Band Edge / Full RB

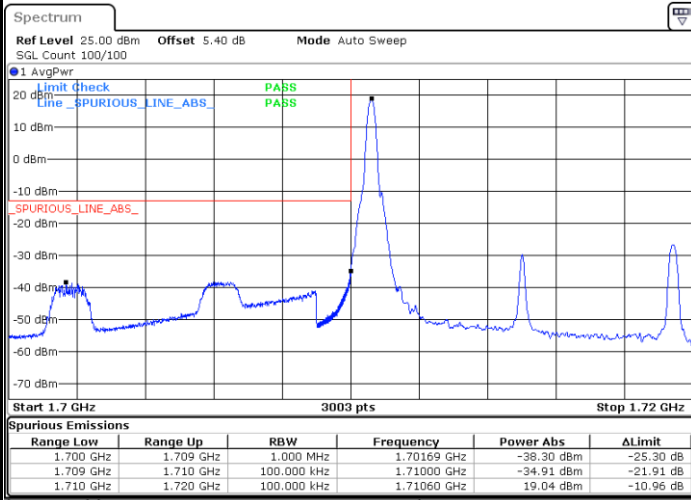


Date: 12. JAN. 2023 07:23:41



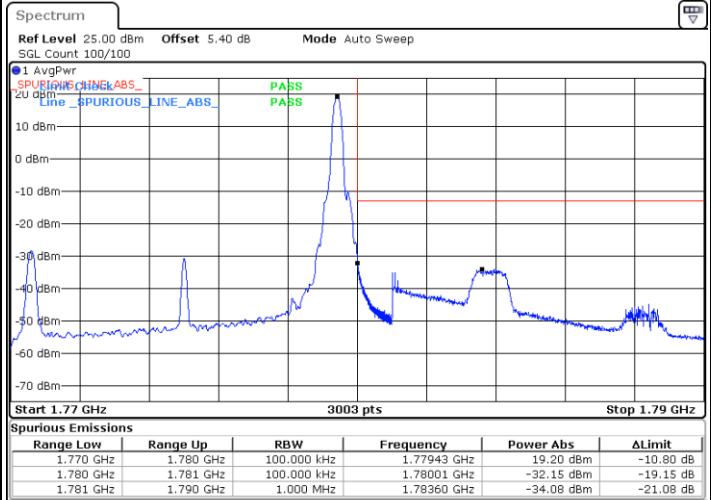
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



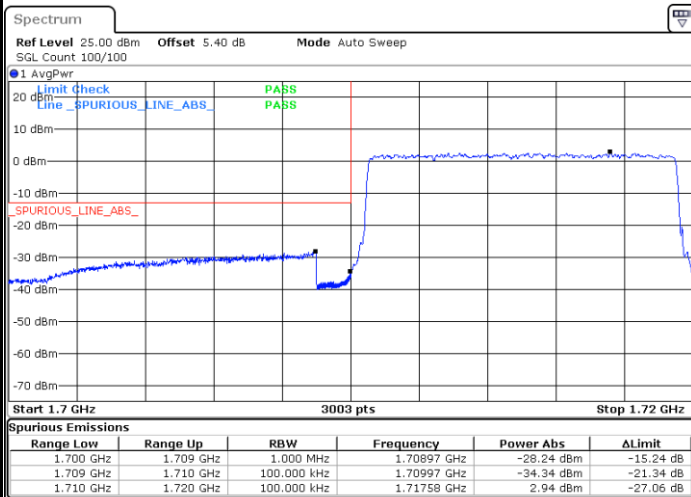
Date: 12 JAN 2023 08:53:45

Highest Band Edge / 1 RB



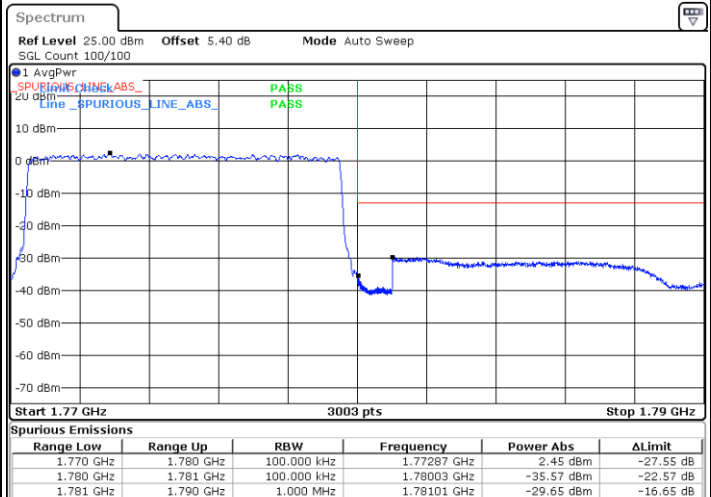
Date: 12 JAN 2023 09:01:50

Lowest Band Edge / Full RB



Date: 12 JAN 2023 08:45:50

Highest Band Edge / Full RB

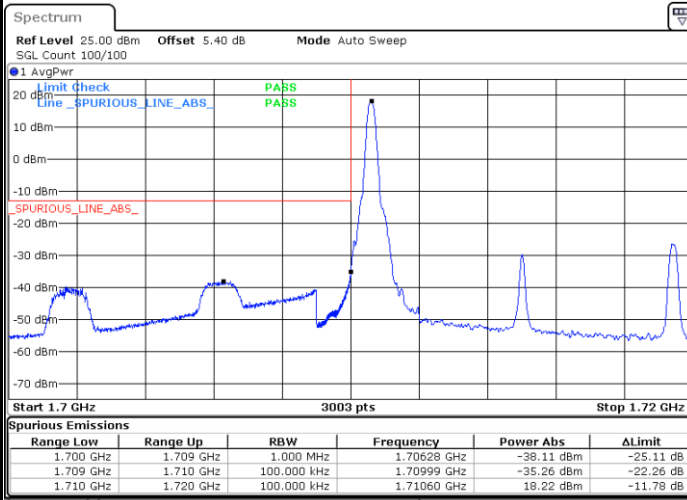


Date: 12 JAN 2023 08:55:02



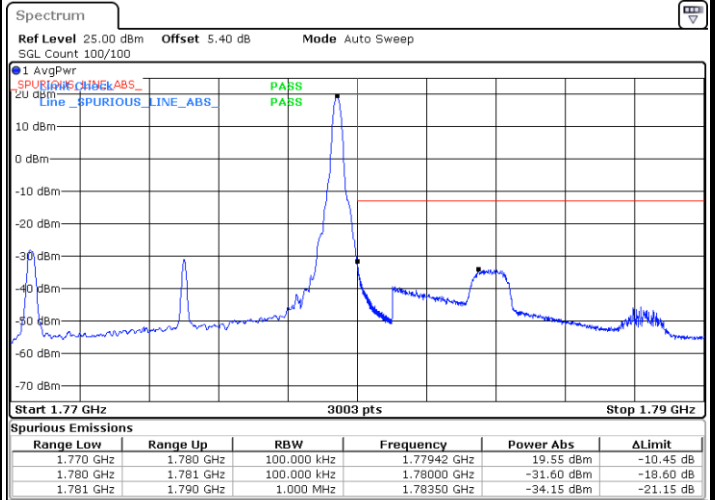
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



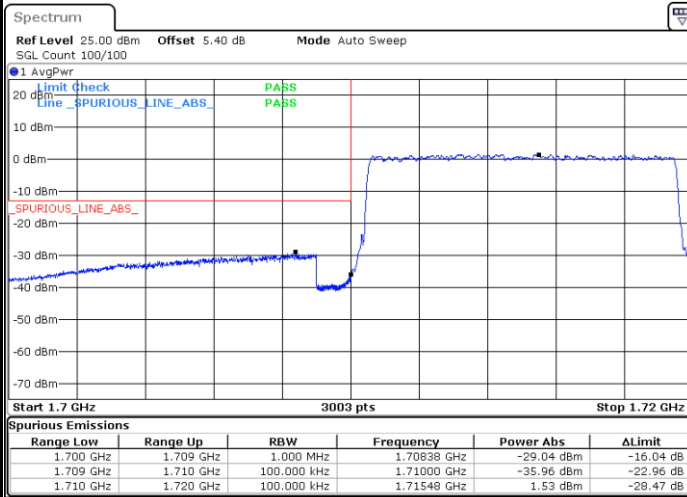
Date: 12 JAN 2023 08:53:05

Highest Band Edge / 1 RB



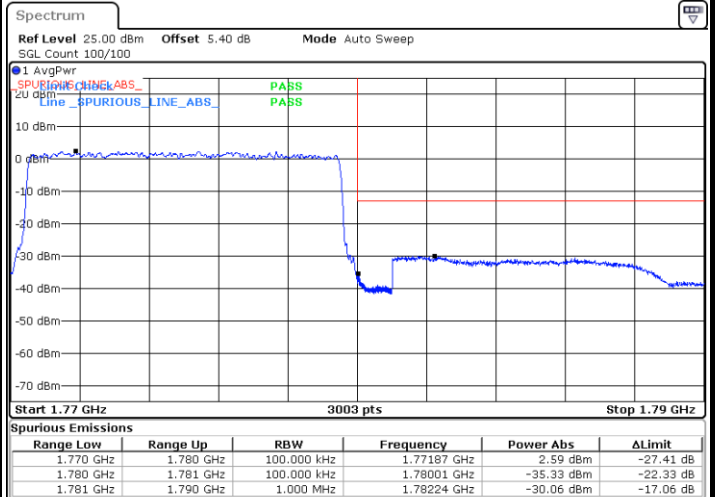
Date: 12 JAN 2023 09:01:12

Lowest Band Edge / Full RB



Date: 12 JAN 2023 08:48:27

Highest Band Edge / Full RB

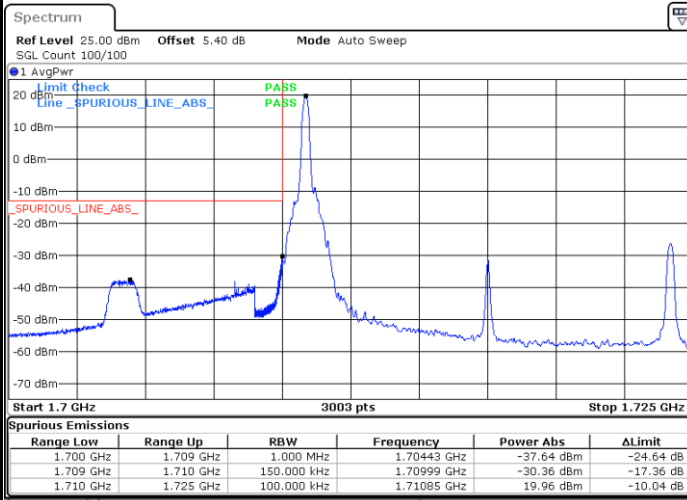


Date: 12 JAN 2023 08:55:51



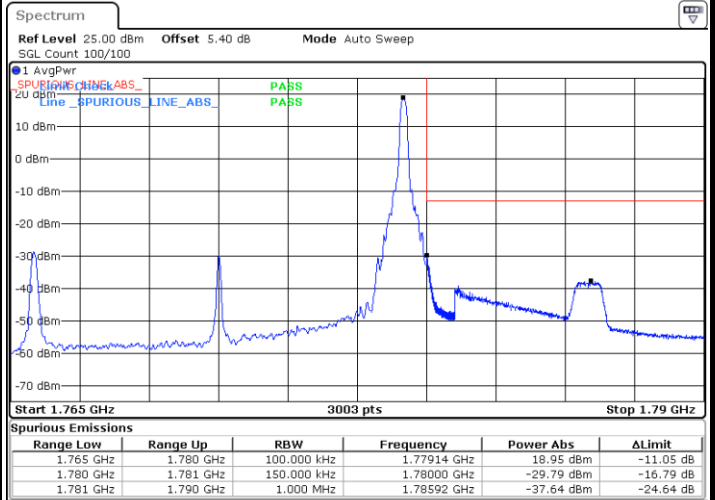
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



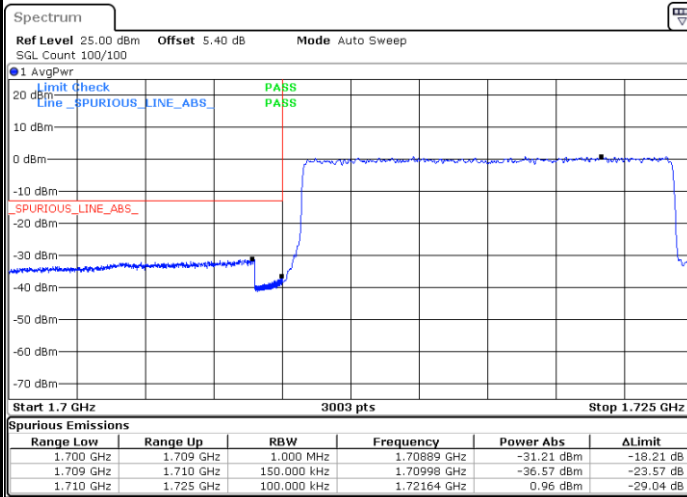
Date: 12 JAN 2023 09:21:36

Highest Band Edge / 1 RB



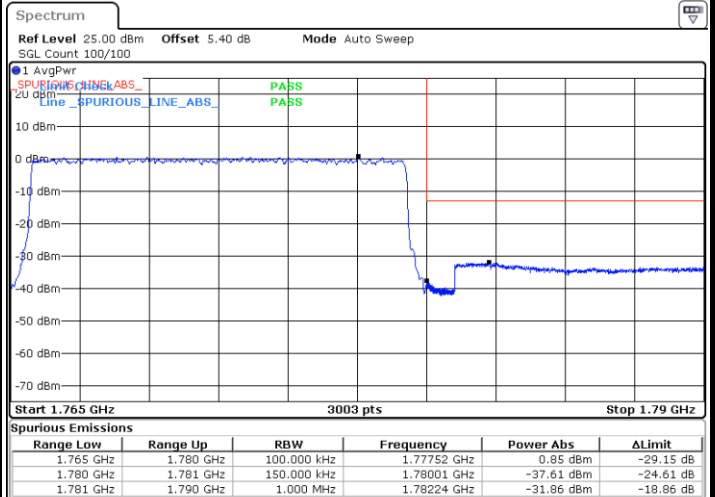
Date: 12 JAN 2023 09:28:41

Lowest Band Edge / Full RB



Date: 12 JAN 2023 09:14:55

Highest Band Edge / Full RB

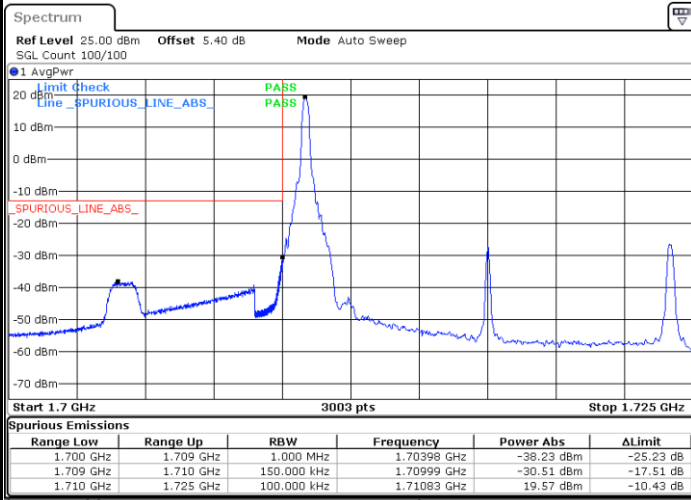


Date: 12 JAN 2023 09:23:04



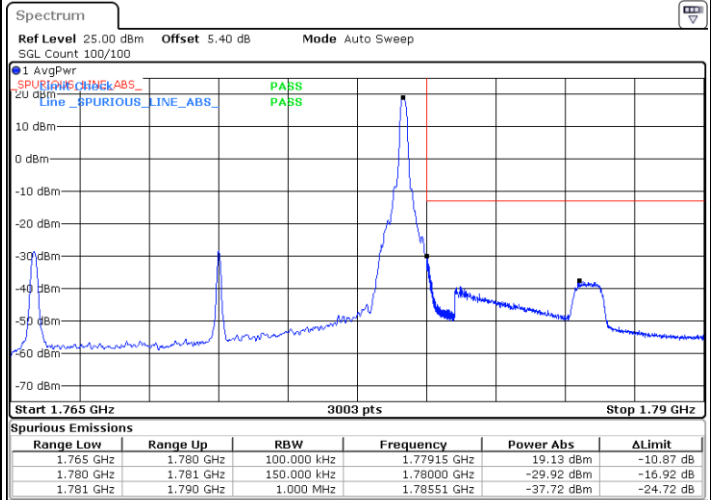
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



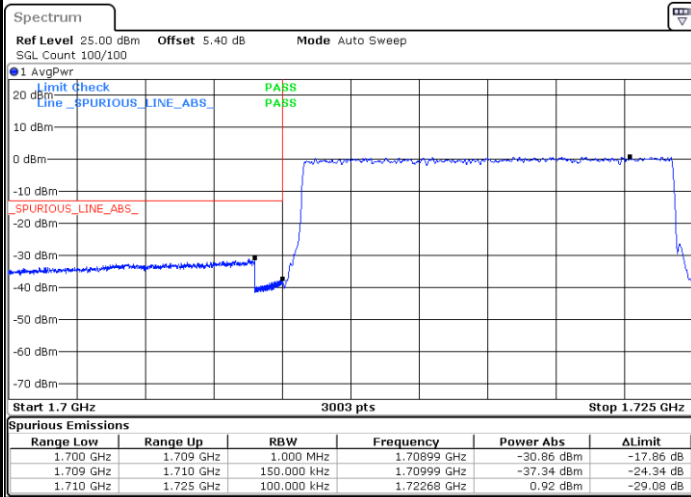
Date: 12 JAN 2023 09:20:52

Highest Band Edge / 1 RB



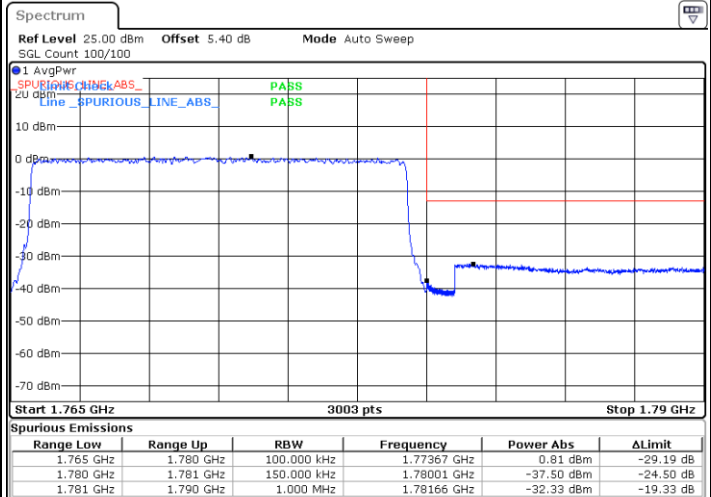
Date: 12 JAN 2023 09:27:58

Lowest Band Edge / Full RB



Date: 12 JAN 2023 09:15:39

Highest Band Edge / Full RB

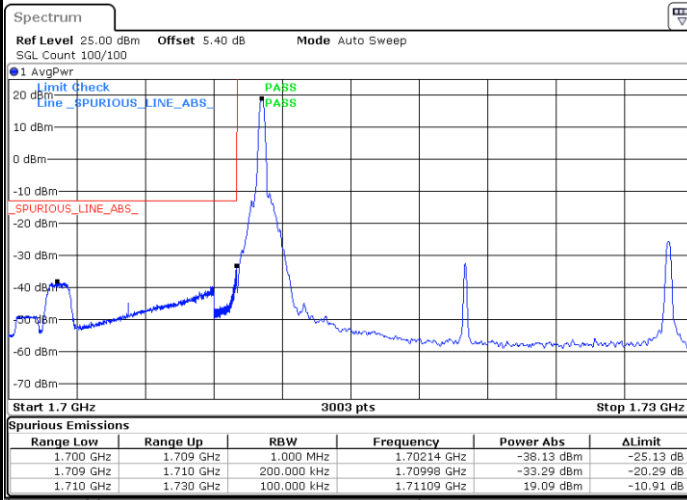


Date: 12 JAN 2023 09:23:50



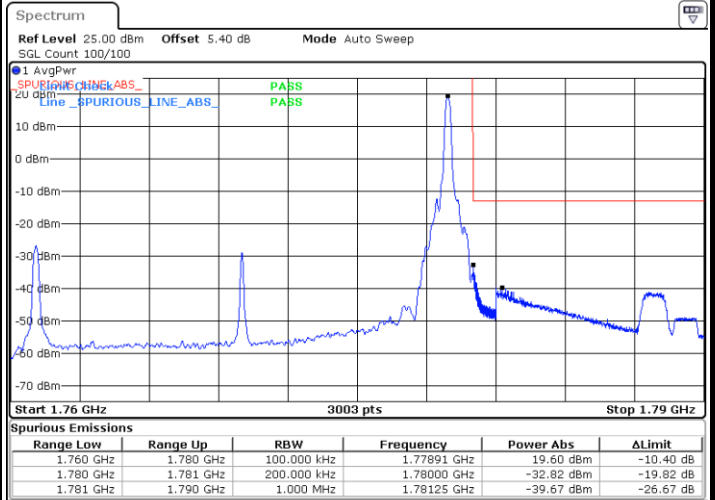
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



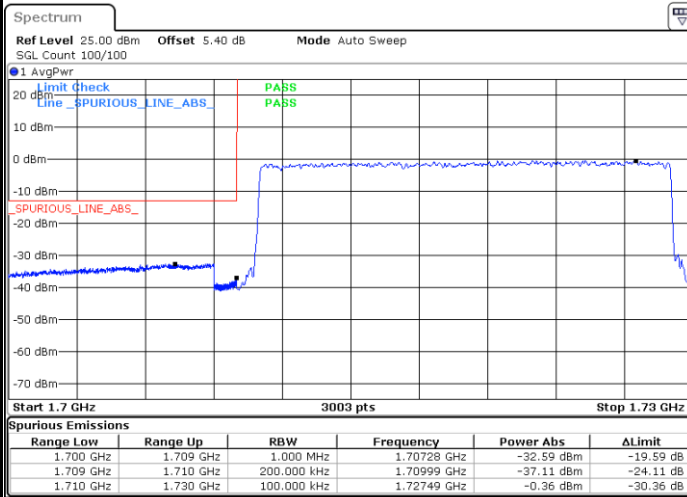
Date: 12 JAN 2023 09:44:57

Highest Band Edge / 1 RB



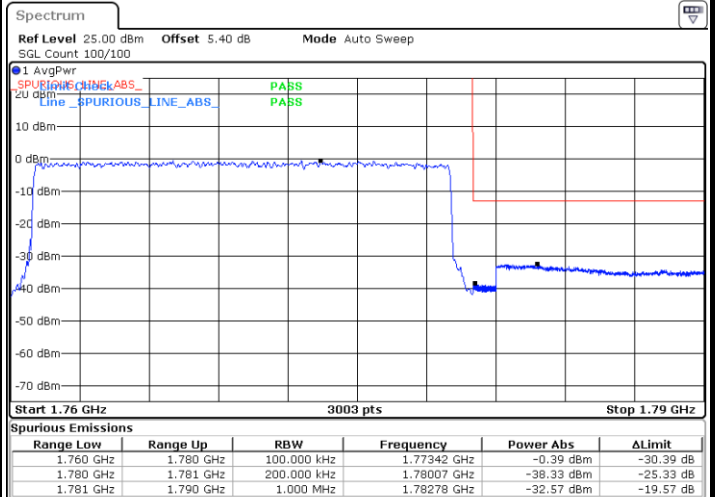
Date: 12 JAN 2023 09:52:57

Lowest Band Edge / Full RB



Date: 12 JAN 2023 09:40:12

Highest Band Edge / Full RB

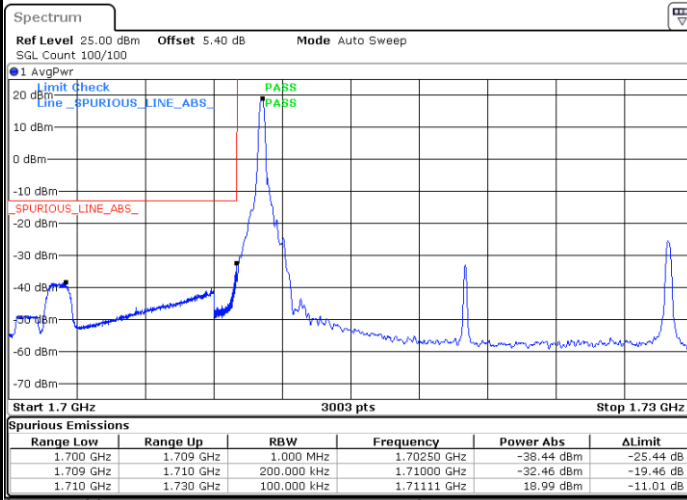


Date: 12 JAN 2023 09:45:51



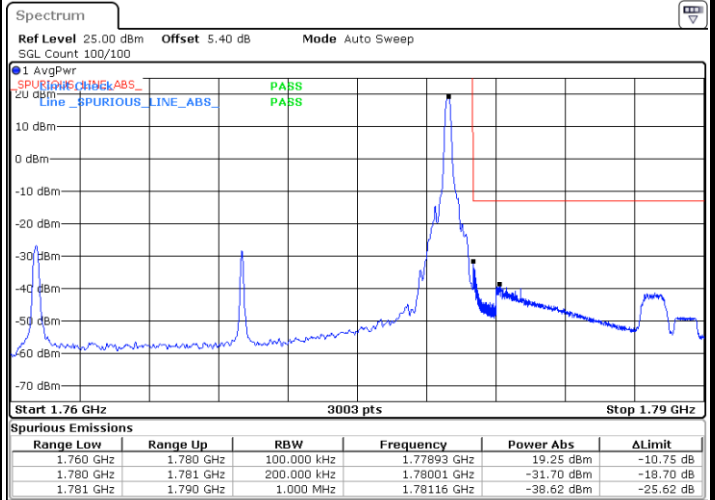
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



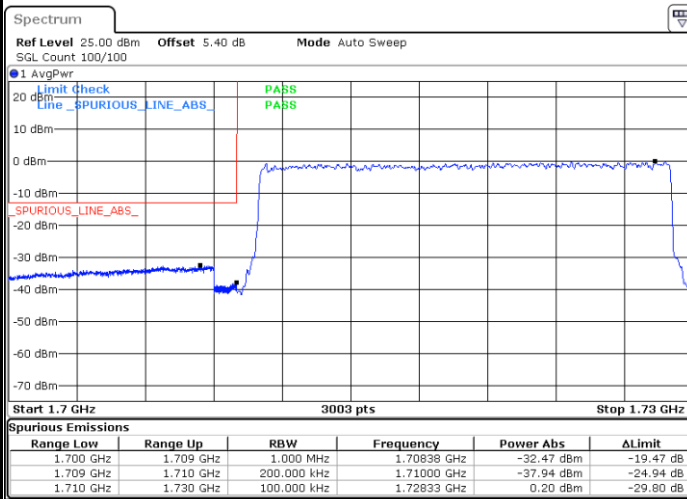
Date: 12 JAN 2023 09:44:23

Highest Band Edge / 1 RB



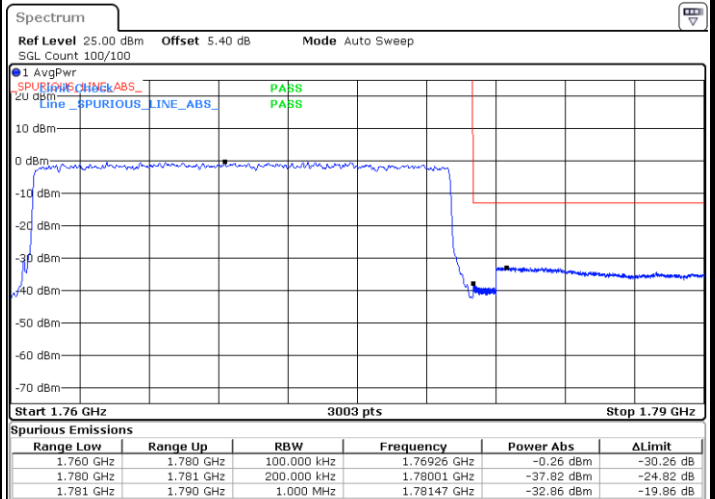
Date: 12 JAN 2023 09:52:08

Lowest Band Edge / Full RB



Date: 12 JAN 2023 09:40:55

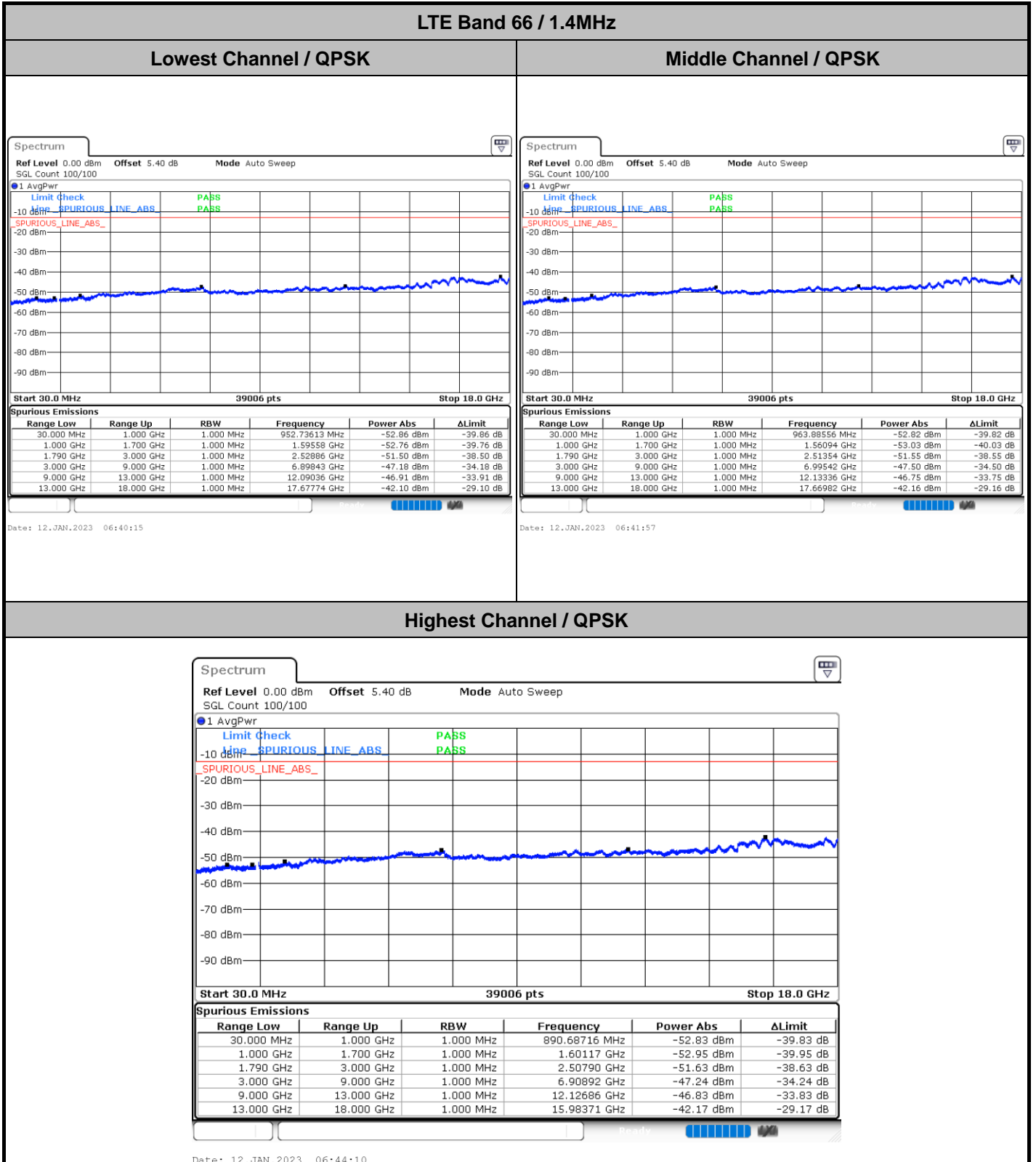
Highest Band Edge / Full RB



Date: 12 JAN 2023 09:46:34



Conducted Spurious Emission

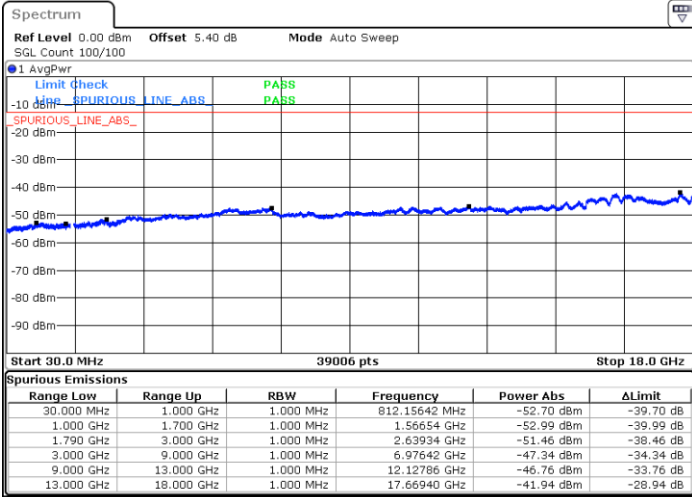




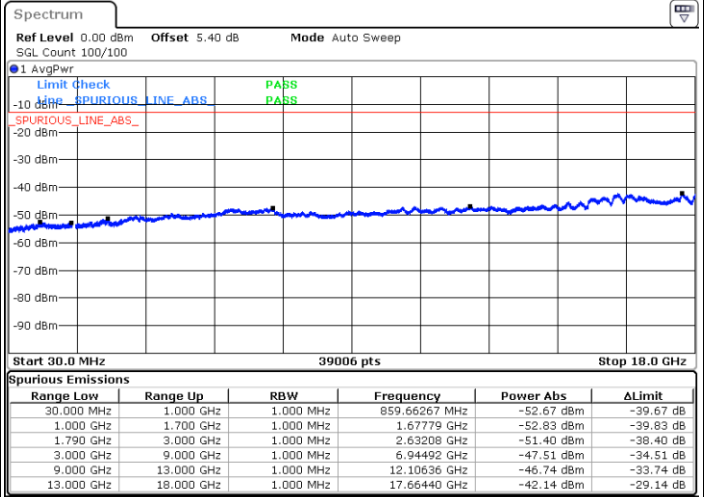
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

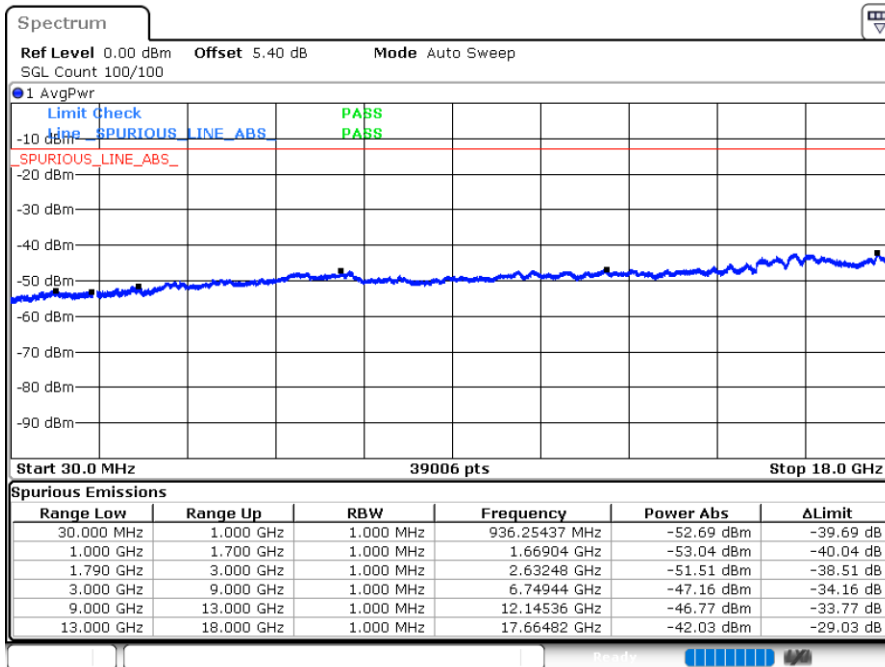


Date: 12.JAN.2023 07:12:34



Date: 12.JAN.2023 07:14:11

Highest Channel / QPSK



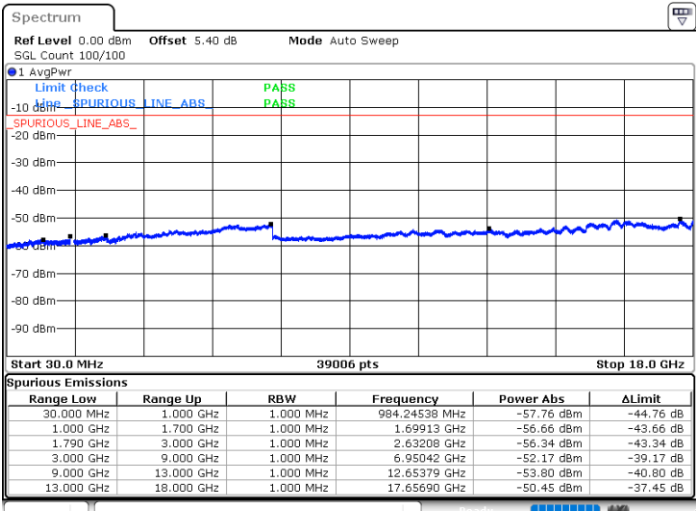
Date: 12.JAN.2023 07:15:51



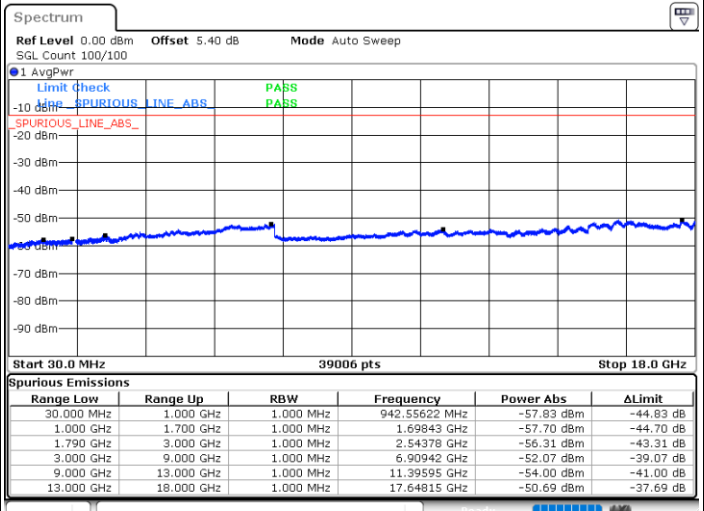
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

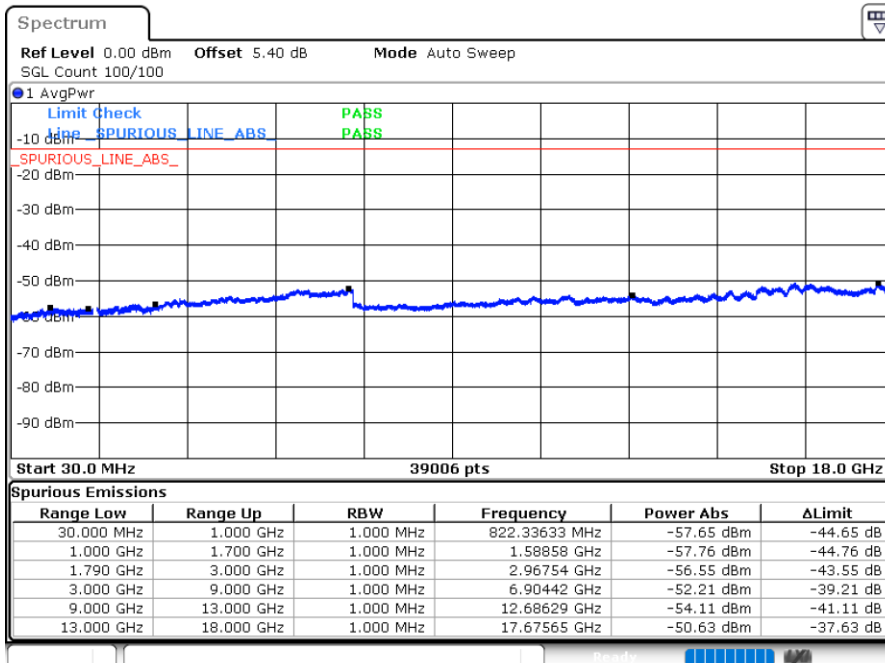


Date: 12. JAN. 2023 07:33:01



Date: 12. JAN. 2023 07:34:38

Highest Channel / QPSK



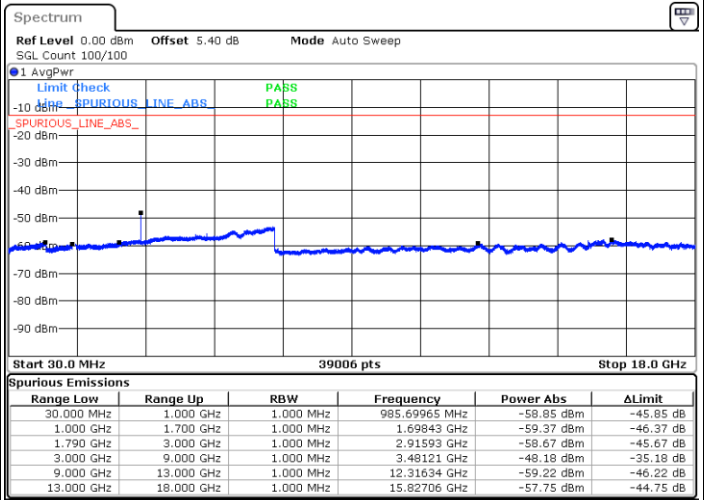
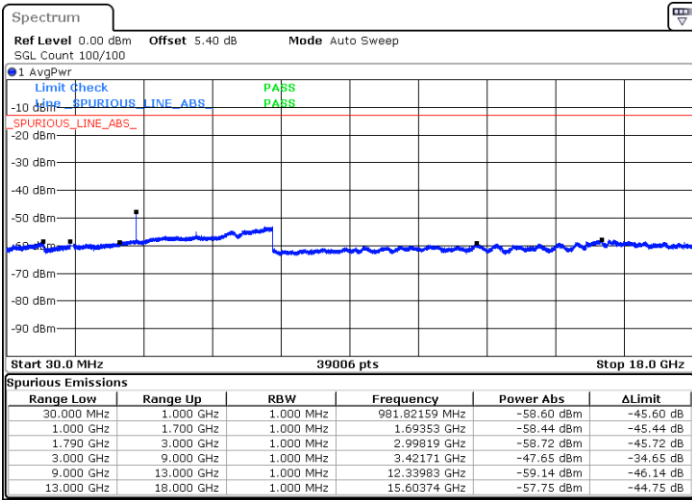
Date: 12. JAN. 2023 07:36:12



LTE Band 66 / 10MHz

Lowest Channel / QPSK

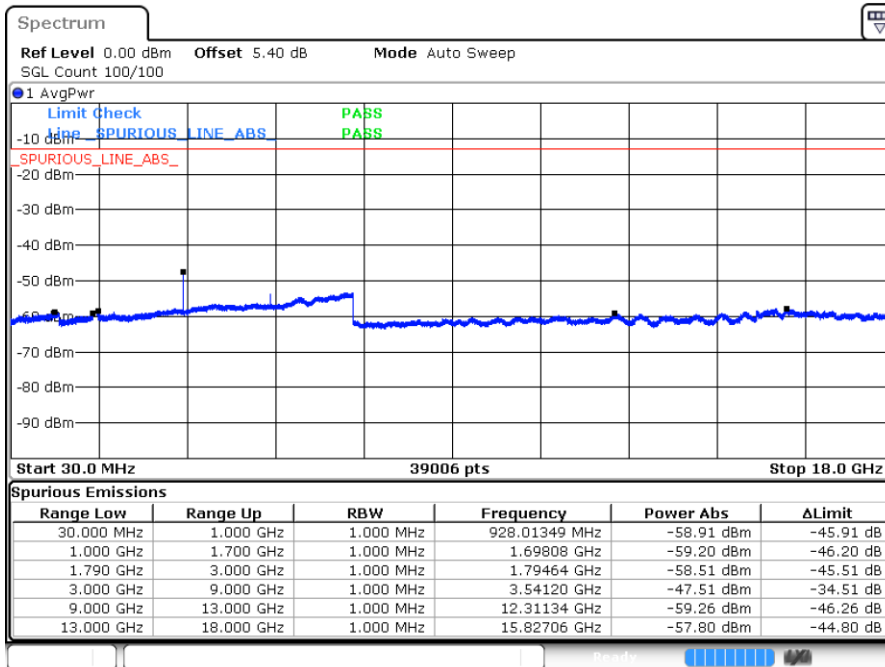
Middle Channel / QPSK



Date: 12 JAN 2023 09:06:37

Date: 12 JAN 2023 09:08:11

Highest Channel / QPSK



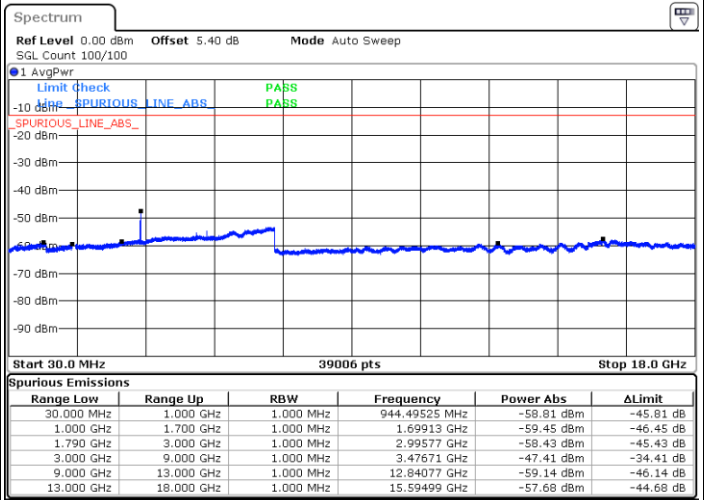
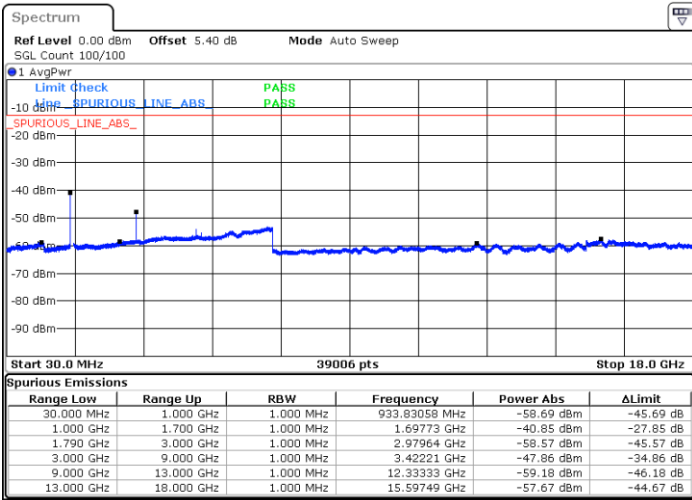
Date: 12 JAN 2023 09:13:58



LTE Band 66 / 15MHz

Lowest Channel / QPSK

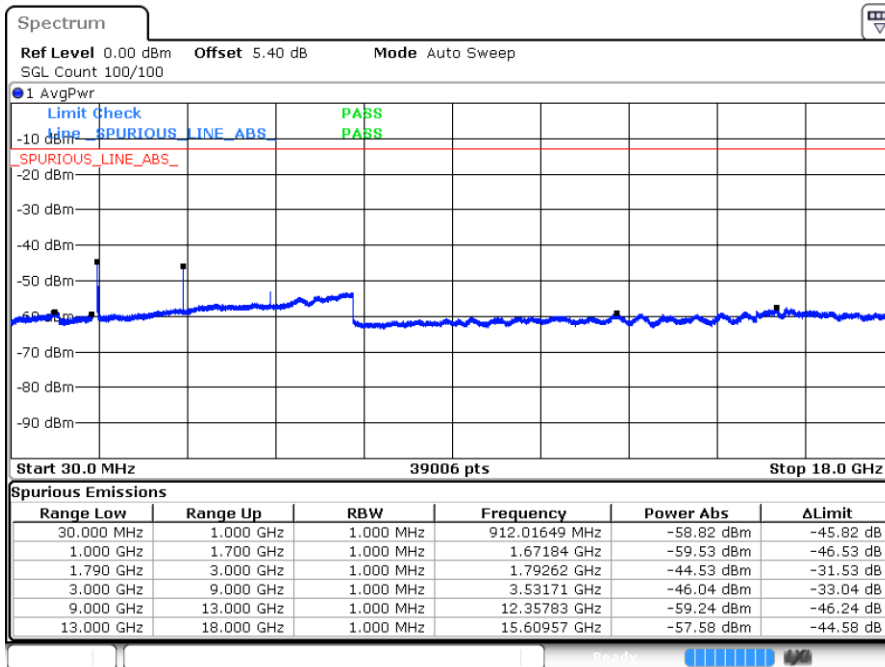
Middle Channel / QPSK



Date: 12 JAN 2023 09:34:33

Date: 12 JAN 2023 09:36:25

Highest Channel / QPSK



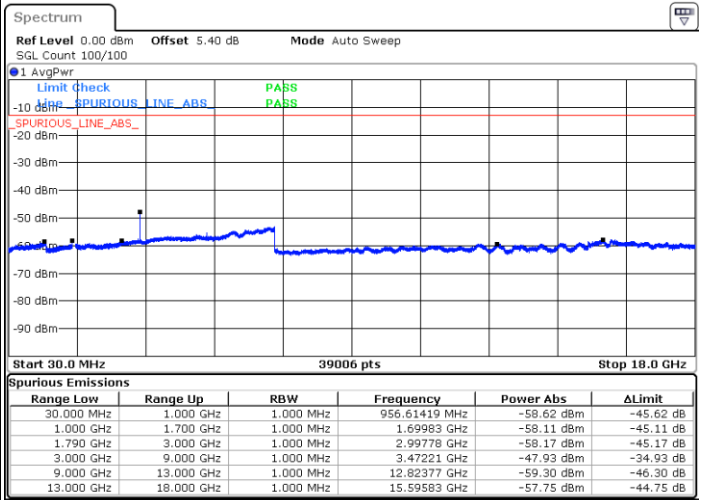
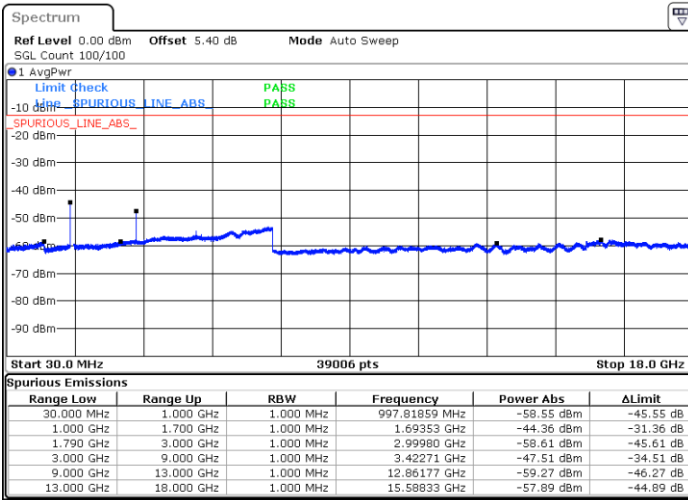
Date: 12 JAN 2023 09:37:57



LTE Band 66 / 20MHz

Lowest Channel / QPSK

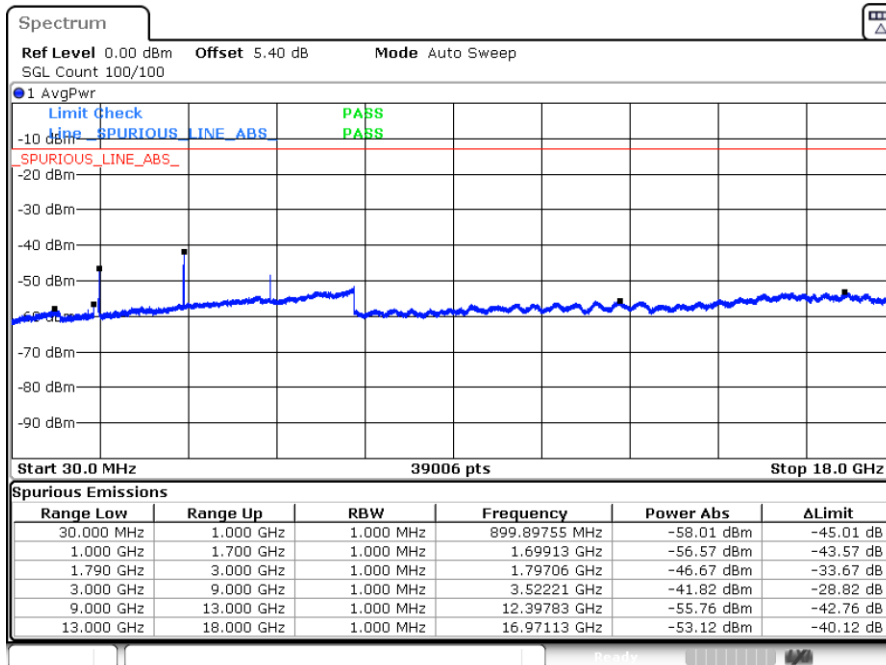
Middle Channel / QPSK



Date: 12 JAN 2023 09:57:49

Date: 12 JAN 2023 09:59:31

Highest Channel / QPSK



Date: 15 JAN 2023 14:35:27



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	0.0013	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	End Point	0.0025	

Note:

1. Normal Voltage =3.8 V. ; End Point (BEP) =3.55 V. ; Maximum Voltage =4.4 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 :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

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)
Lowest	3702	-55.26	-13	-42.26	-67.52	2.64	14.90	H
	5553	-55.73	-13	-42.73	-67.59	2.94	14.80	H
	7404	-54.62	-13	-41.62	-64.39	3.39	13.16	H
	3702	-54.58	-13	-41.58	-66.84	2.64	14.90	V
	5553	-53.34	-13	-40.34	-65.20	2.94	14.80	V
	7404	-54.65	-13	-41.65	-64.42	3.39	13.16	V
Middle	3741	-42.53	-13	-29.53	-54.79	2.64	14.90	H
	5613	-53.95	-13	-40.95	-65.81	2.94	14.80	H
	7488	-53.82	-13	-40.82	-63.59	3.39	13.16	H
	3741	-43.31	-13	-30.31	-55.57	2.64	14.90	V
	5613	-52.53	-13	-39.53	-64.39	2.94	14.80	V
	7488	-53.97	-13	-40.97	-63.74	3.39	13.16	V
Highest	3792	-51.78	-13	-38.78	-64.04	2.64	14.90	H
	5688	-55.17	-13	-42.17	-67.03	2.94	14.80	H
	7584	-53.86	-13	-40.86	-63.63	3.39	13.16	H
	3792	-52.51	-13	-39.51	-64.77	2.64	14.90	V
	5688	-52.87	-13	-39.87	-64.73	2.94	14.80	V
	7584	-53.96	-13	-40.96	-63.73	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)
Lowest	1648	-58.57	-13	-45.57	-65.54	1.58	10.70	H
	2472	-61.93	-13	-48.93	-70.18	2.102	12.50	H
	3296	-61.45	-13	-48.45	-70.34	2.856	13.90	H
	1648	-59.12	-13	-46.12	-66.09	1.58	10.70	V
	2472	-60.22	-13	-47.22	-68.47	2.10	12.50	V
	3296	-60.77	-13	-47.77	-69.66	2.86	13.90	V
Middle	1660	-59.55	-13	-46.55	-66.52	1.58	10.70	H
	2490	-60.52	-13	-47.52	-68.77	2.102	12.50	H
	3318	-61.51	-13	-48.51	-70.40	2.856	13.90	H
	1660	-60.44	-13	-47.44	-67.41	1.58	10.70	V
	2490	-58.63	-13	-45.63	-66.88	2.10	12.50	V
	3318	-61.04	-13	-48.04	-69.93	2.86	13.90	V
Highest	1672	-58.05	-13	-45.05	-65.02	1.58	10.70	H
	2504	-59.76	-13	-46.76	-68.01	2.102	12.50	H
	3336	-61.06	-13	-48.06	-69.95	2.856	13.90	H
	1672	-57.30	-13	-44.30	-64.27	1.58	10.70	V
	2504	-57.73	-13	-44.73	-65.98	2.10	12.50	V
	3336	-60.41	-13	-47.41	-69.30	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)
Lowest	3423	-58.15	-13	-45.15	-68.89	2.604	13.34	H
	5133	-56.00	-13	-43.00	-66.51	3.011	13.52	H
	6840	-56.54	-13	-43.54	-66.74	3.271	13.47	H
	3423	-58.96	-13	-45.96	-69.70	2.604	13.34	V
	5133	-54.25	-13	-41.25	-64.76	3.011	13.52	V
	6840	-56.28	-13	-43.28	-66.48	3.271	13.47	V
Middle	3471	-58.89	-13	-45.89	-69.63	2.604	13.34	H
	5208	-56.68	-13	-43.68	-67.19	3.011	13.52	H
	6948	-55.91	-13	-42.91	-66.11	3.271	13.47	H
	3471	-59.28	-13	-46.28	-70.02	2.604	13.34	V
	5208	-56.26	-13	-43.26	-66.77	3.011	13.52	V
	6948	-55.93	-13	-42.93	-66.13	3.271	13.47	V
Highest	3522	-58.70	-13	-45.70	-69.44	2.604	13.34	H
	5283	-56.19	-13	-43.19	-66.70	3.011	13.52	H
	7044	-55.43	-13	-42.43	-65.63	3.271	13.47	H
	3522	-58.11	-13	-45.11	-68.85	2.604	13.34	V
	5283	-54.79	-13	-41.79	-65.30	3.011	13.52	V
	7044	-55.57	-13	-42.57	-65.77	3.271	13.47	V

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