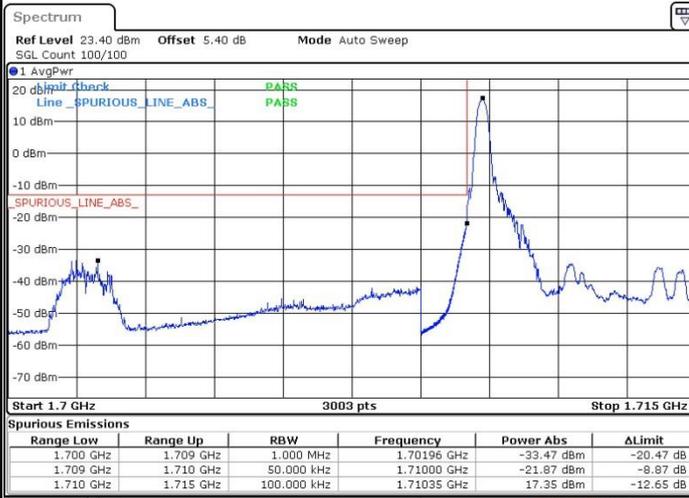




LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 5 FEB 2022 05:26:36

Highest Band Edge / 1 RB



Date: 5 FEB 2022 06:17:16

Lowest Band Edge / Full RB



Date: 5 FEB 2022 05:29:00

Highest Band Edge / Full RB

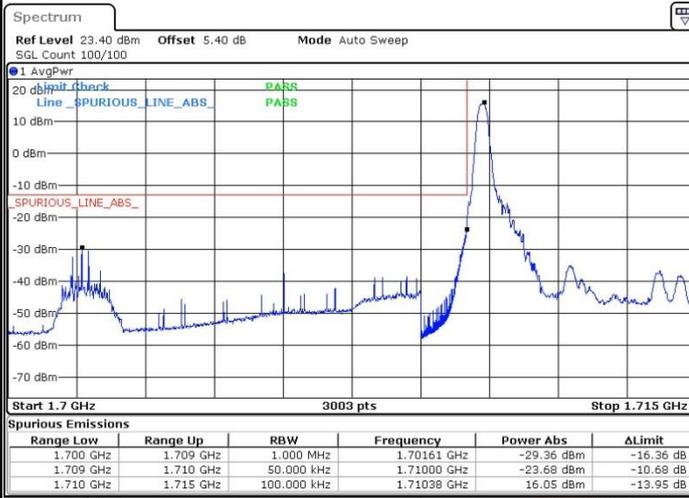


Date: 5 FEB 2022 06:21:25



LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 5 FEB 2022 05:27:40

Highest Band Edge / 1 RB



Date: 5 FEB 2022 06:19:55

Lowest Band Edge / Full RB



Date: 5 FEB 2022 05:28:30

Highest Band Edge / Full RB

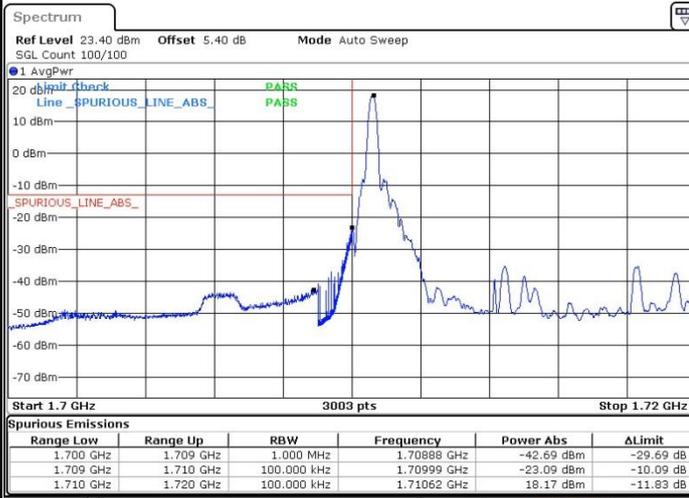


Date: 5 FEB 2022 06:20:34



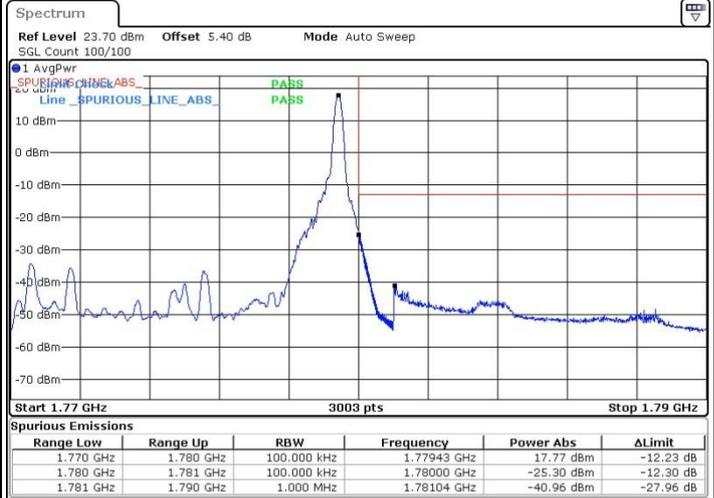
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



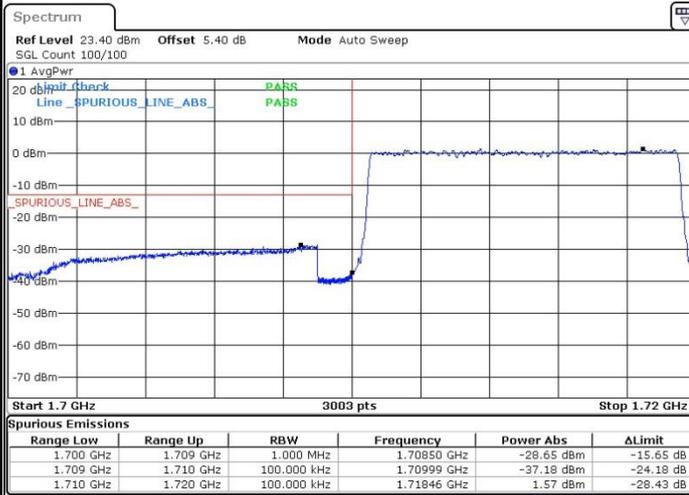
Date: 5 FEB 2022 06:36:05

Highest Band Edge / 1 RB



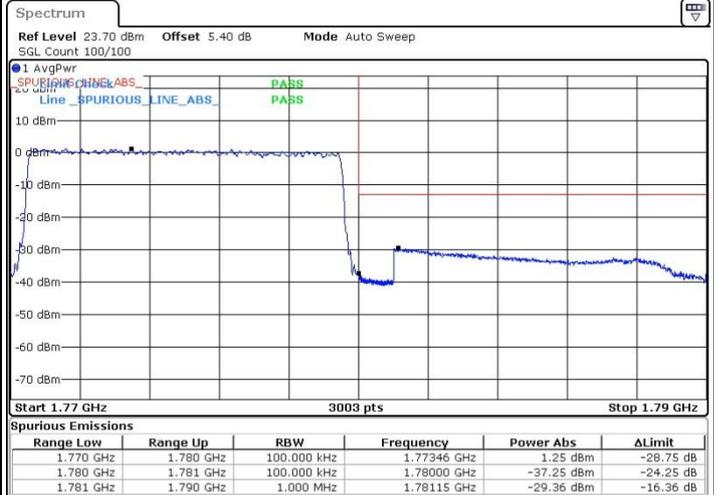
Date: 5 FEB 2022 06:53:24

Lowest Band Edge / Full RB



Date: 5 FEB 2022 06:37:55

Highest Band Edge / Full RB

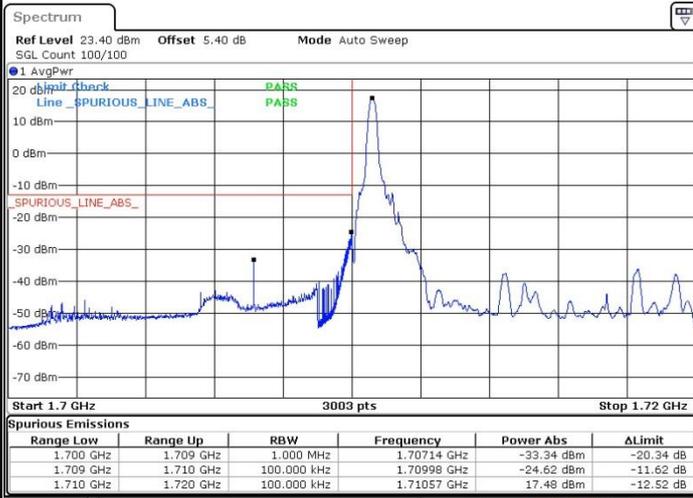


Date: 5 FEB 2022 06:55:24



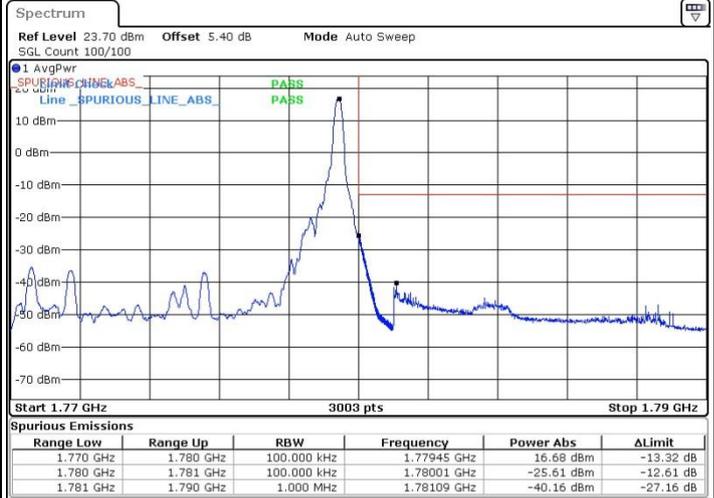
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



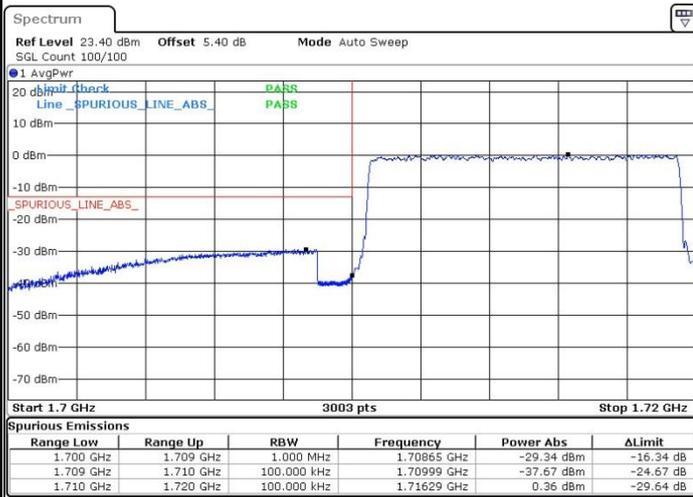
Date: 5 FEB 2022 06:36:24

Highest Band Edge / 1 RB



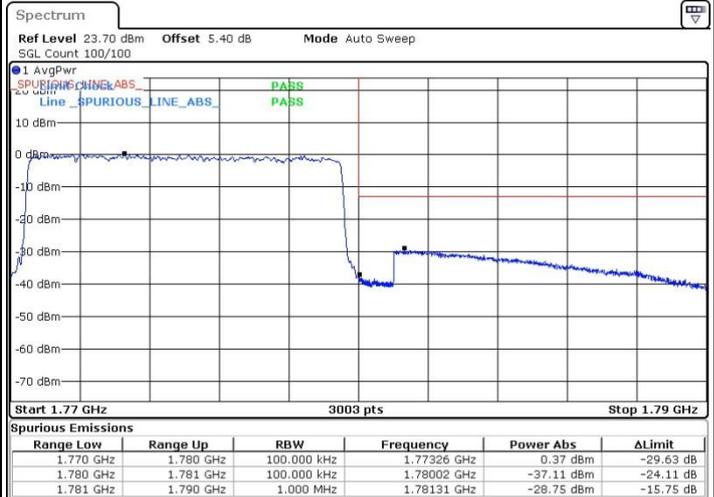
Date: 5 FEB 2022 06:53:42

Lowest Band Edge / Full RB



Date: 5 FEB 2022 06:37:35

Highest Band Edge / Full RB

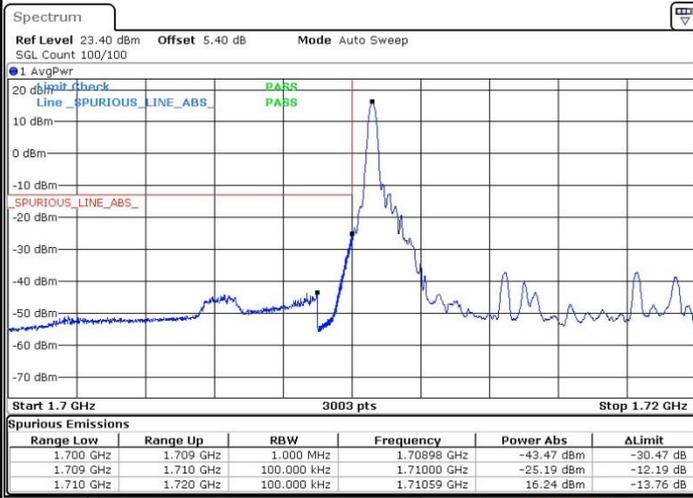


Date: 5 FEB 2022 06:54:57



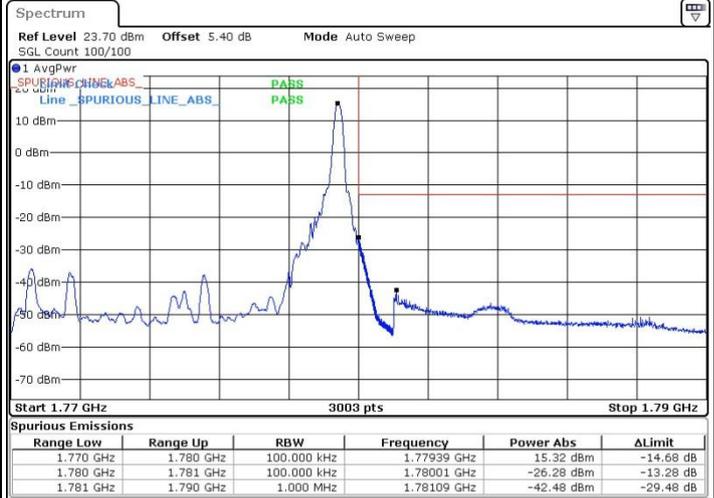
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



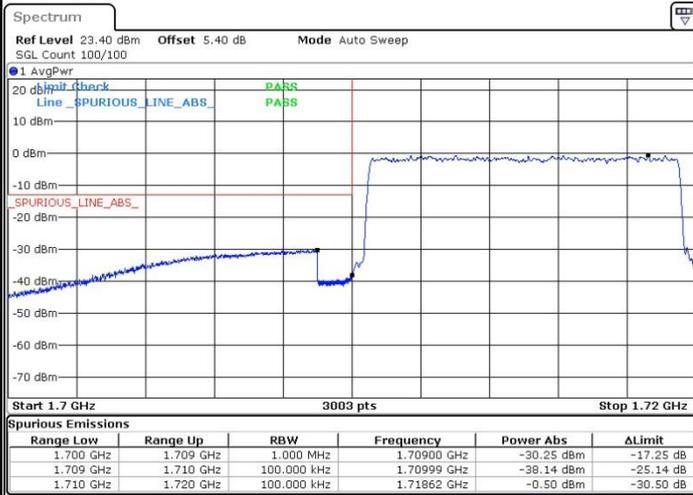
Date: 5 FEB 2022 06:36:47

Highest Band Edge / 1 RB



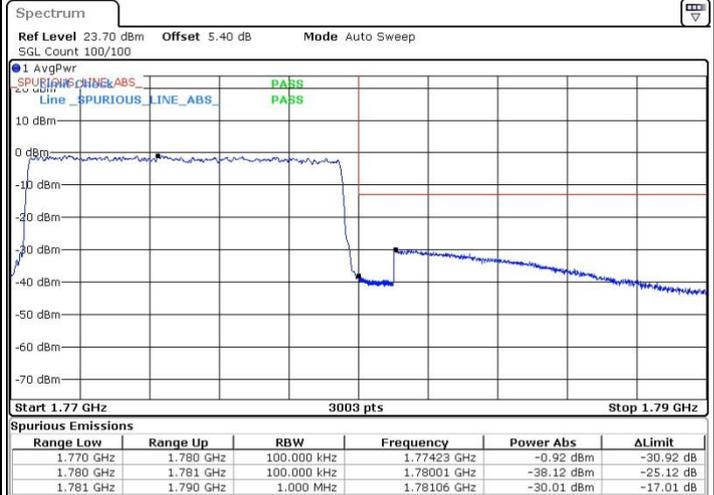
Date: 5 FEB 2022 06:54:18

Lowest Band Edge / Full RB



Date: 5 FEB 2022 06:37:09

Highest Band Edge / Full RB

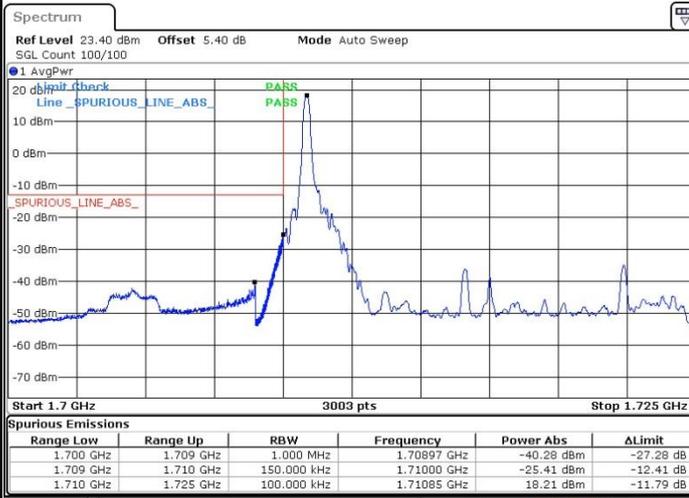


Date: 5 FEB 2022 06:54:39



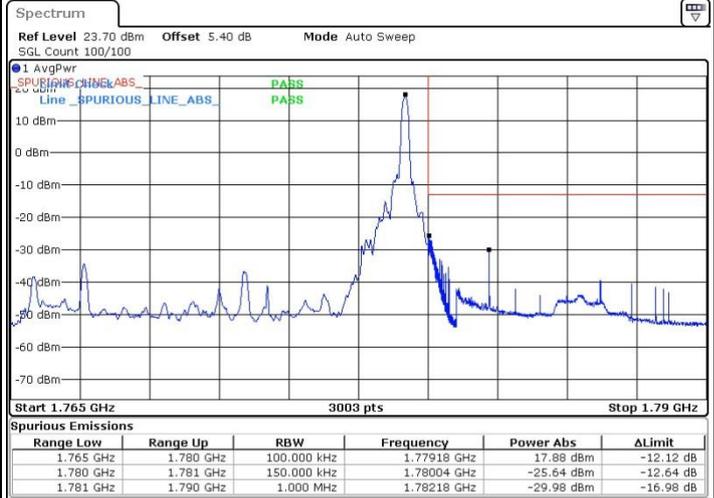
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



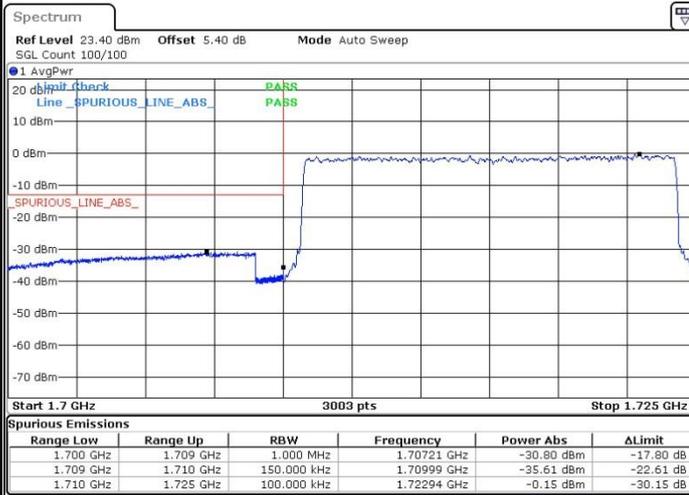
Date: 5 FEB 2022 06:59:15

Highest Band Edge / 1 RB



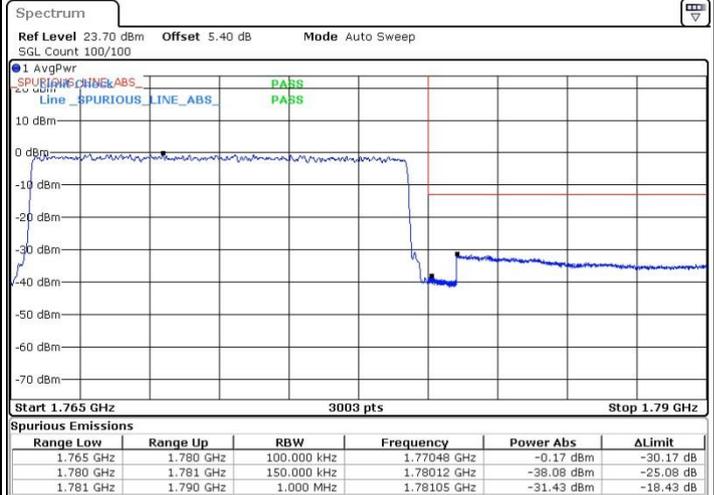
Date: 5 FEB 2022 07:14:12

Lowest Band Edge / Full RB



Date: 5 FEB 2022 07:04:46

Highest Band Edge / Full RB

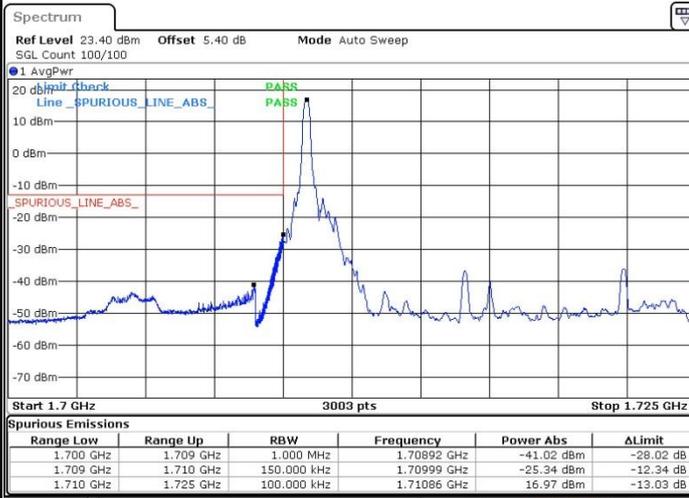


Date: 5 FEB 2022 07:17:19



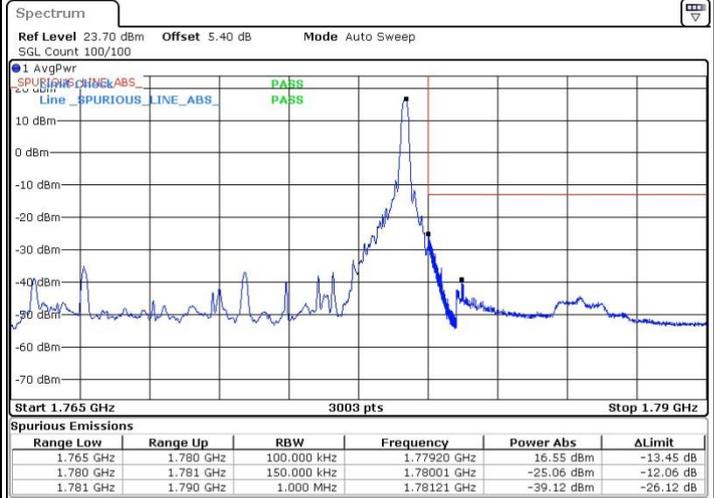
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



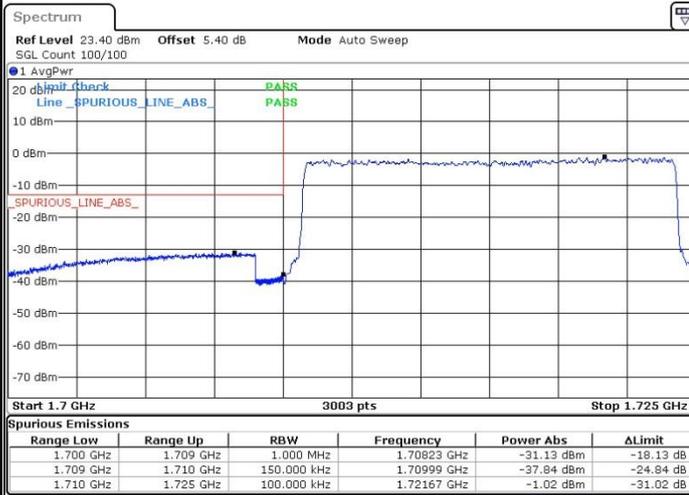
Date: 5 FEB 2022 07:01:07

Highest Band Edge / 1 RB



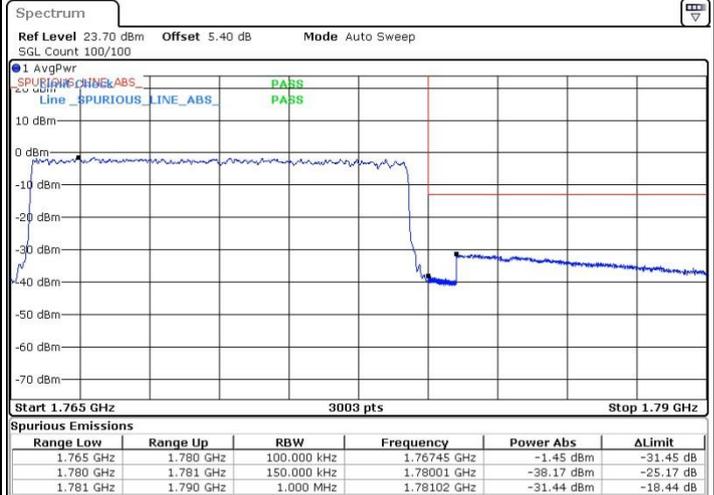
Date: 5 FEB 2022 07:14:33

Lowest Band Edge / Full RB



Date: 5 FEB 2022 07:02:50

Highest Band Edge / Full RB

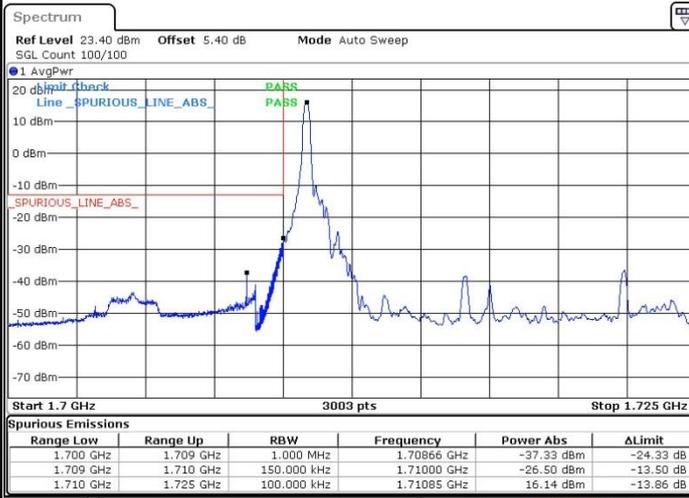


Date: 5 FEB 2022 07:16:50



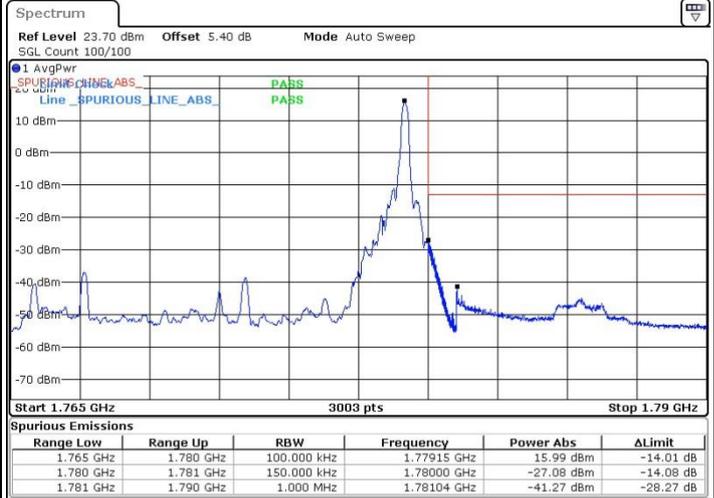
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



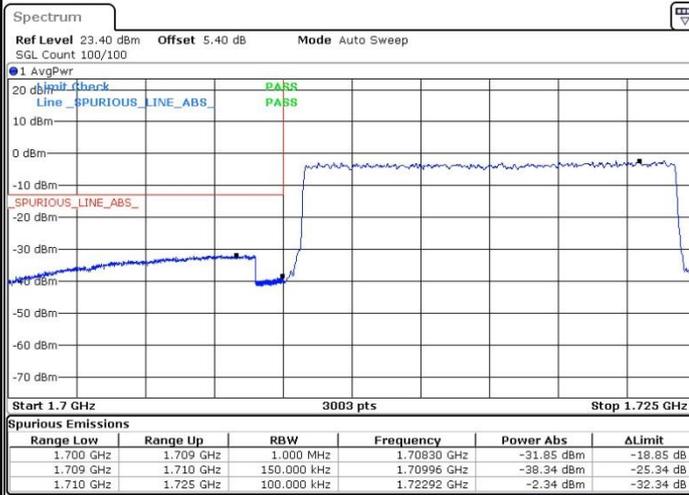
Date: 5 FEB 2022 07:01:37

Highest Band Edge / 1 RB



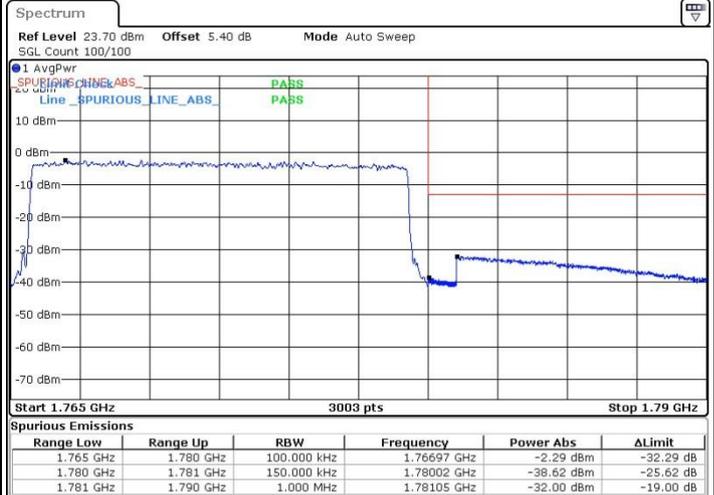
Date: 5 FEB 2022 07:16:13

Lowest Band Edge / Full RB



Date: 5 FEB 2022 07:02:16

Highest Band Edge / Full RB

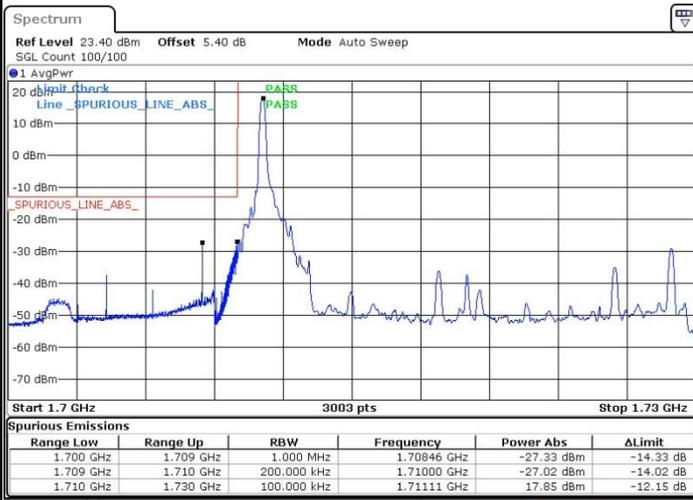


Date: 5 FEB 2022 07:16:36



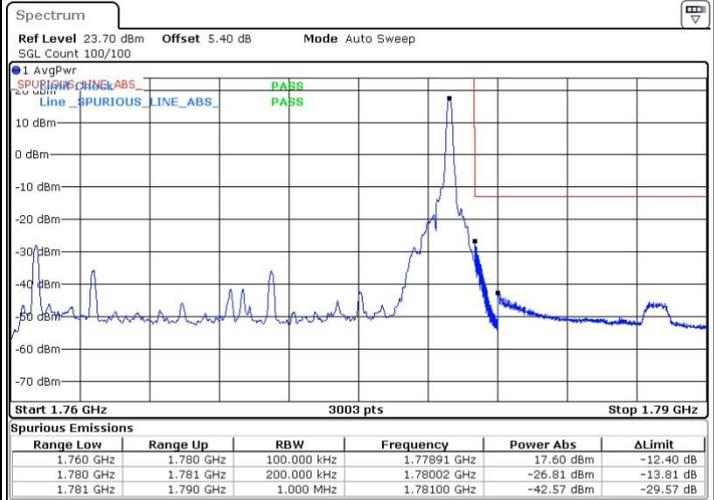
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



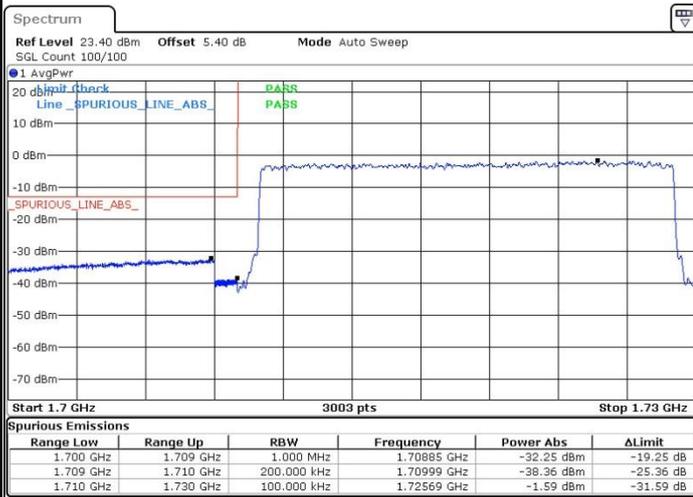
Date: 5 FEB 2022 07:21:15

Highest Band Edge / 1 RB



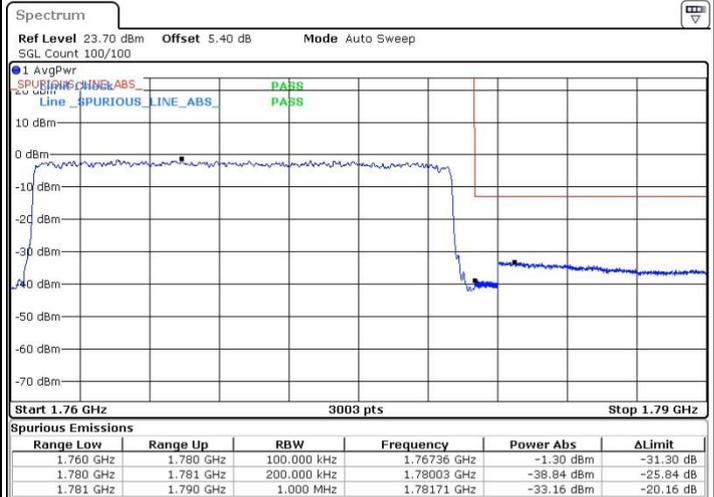
Date: 5 FEB 2022 07:58:50

Lowest Band Edge / Full RB



Date: 5 FEB 2022 07:23:26

Highest Band Edge / Full RB

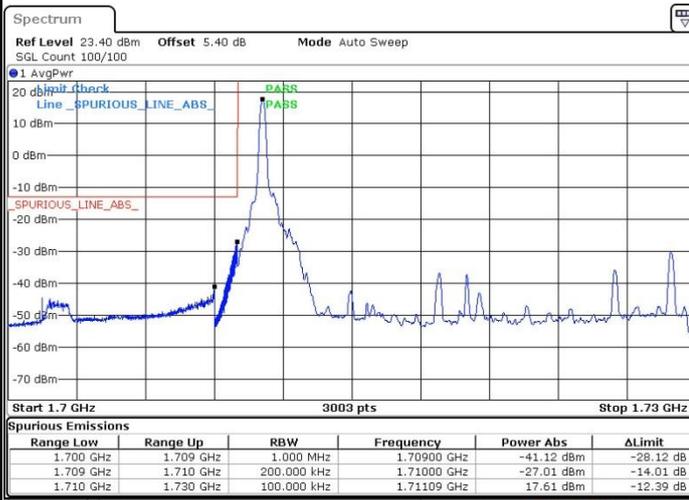


Date: 5 FEB 2022 08:03:54



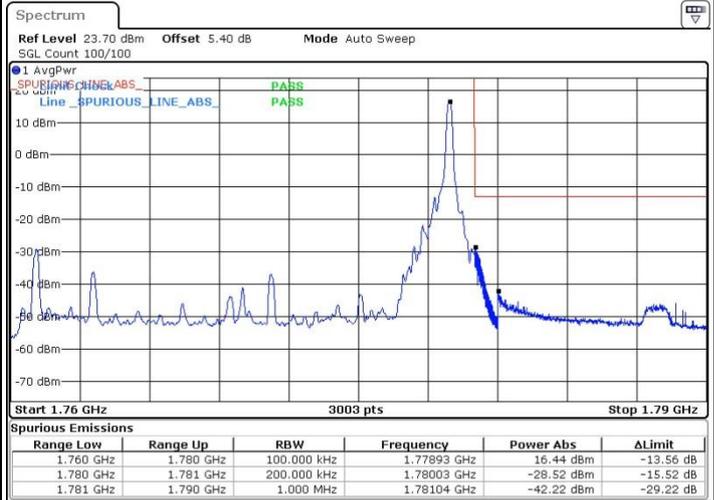
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



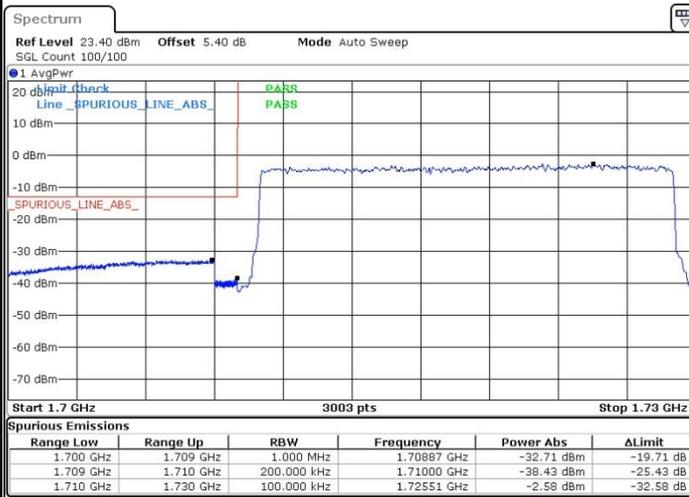
Date: 5 FEB 2022 07:21:33

Highest Band Edge / 1 RB



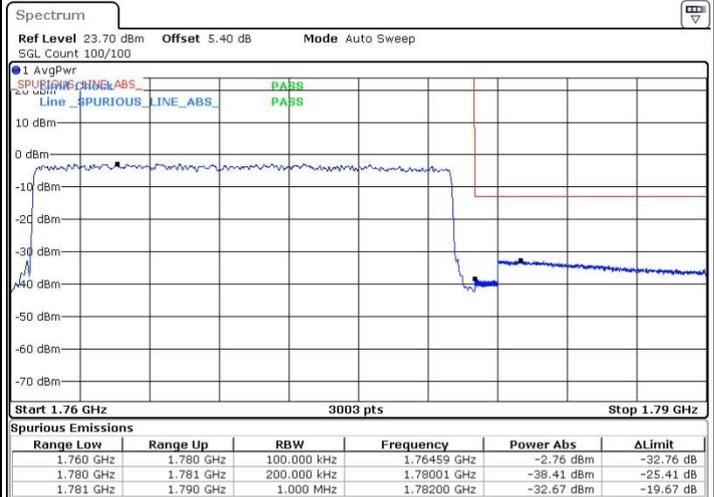
Date: 5 FEB 2022 07:59:08

Lowest Band Edge / Full RB



Date: 5 FEB 2022 07:23:05

Highest Band Edge / Full RB

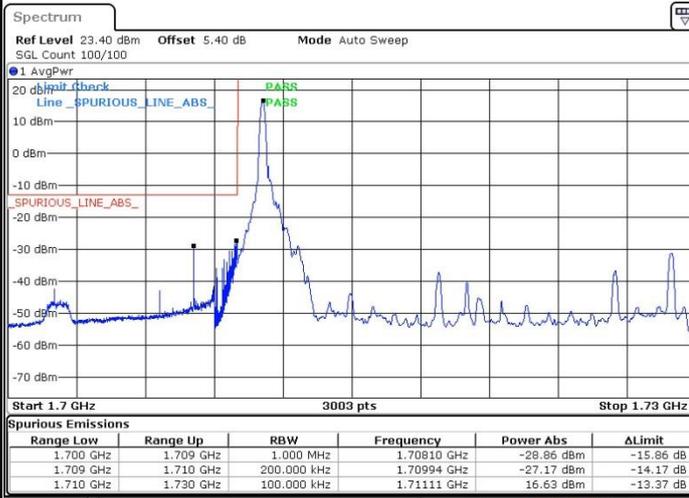


Date: 5 FEB 2022 08:03:31



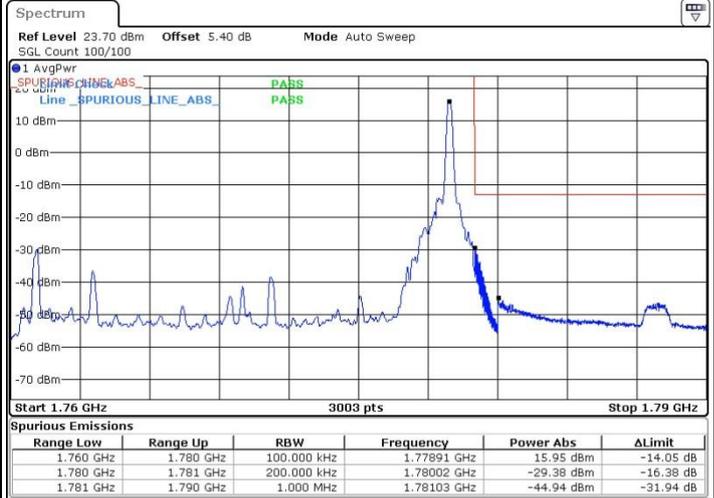
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



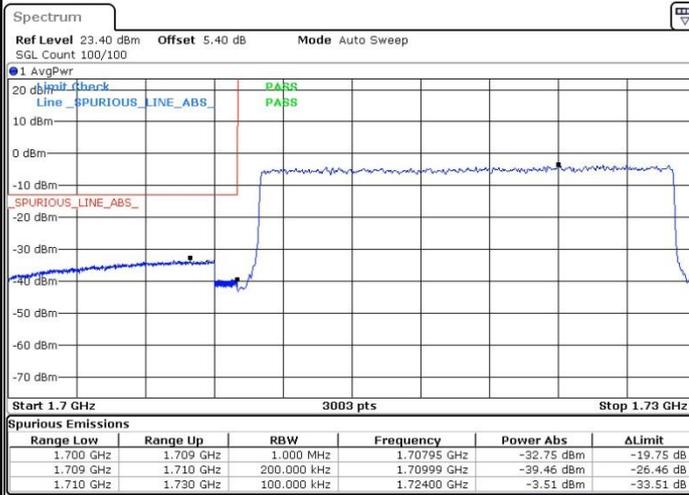
Date: 5 FEB 2022 07:21:50

Highest Band Edge / 1 RB



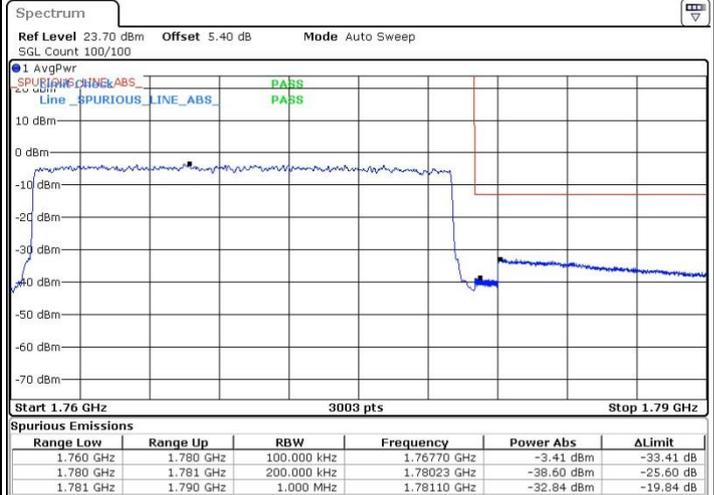
Date: 5 FEB 2022 08:00:34

Lowest Band Edge / Full RB



Date: 5 FEB 2022 07:22:20

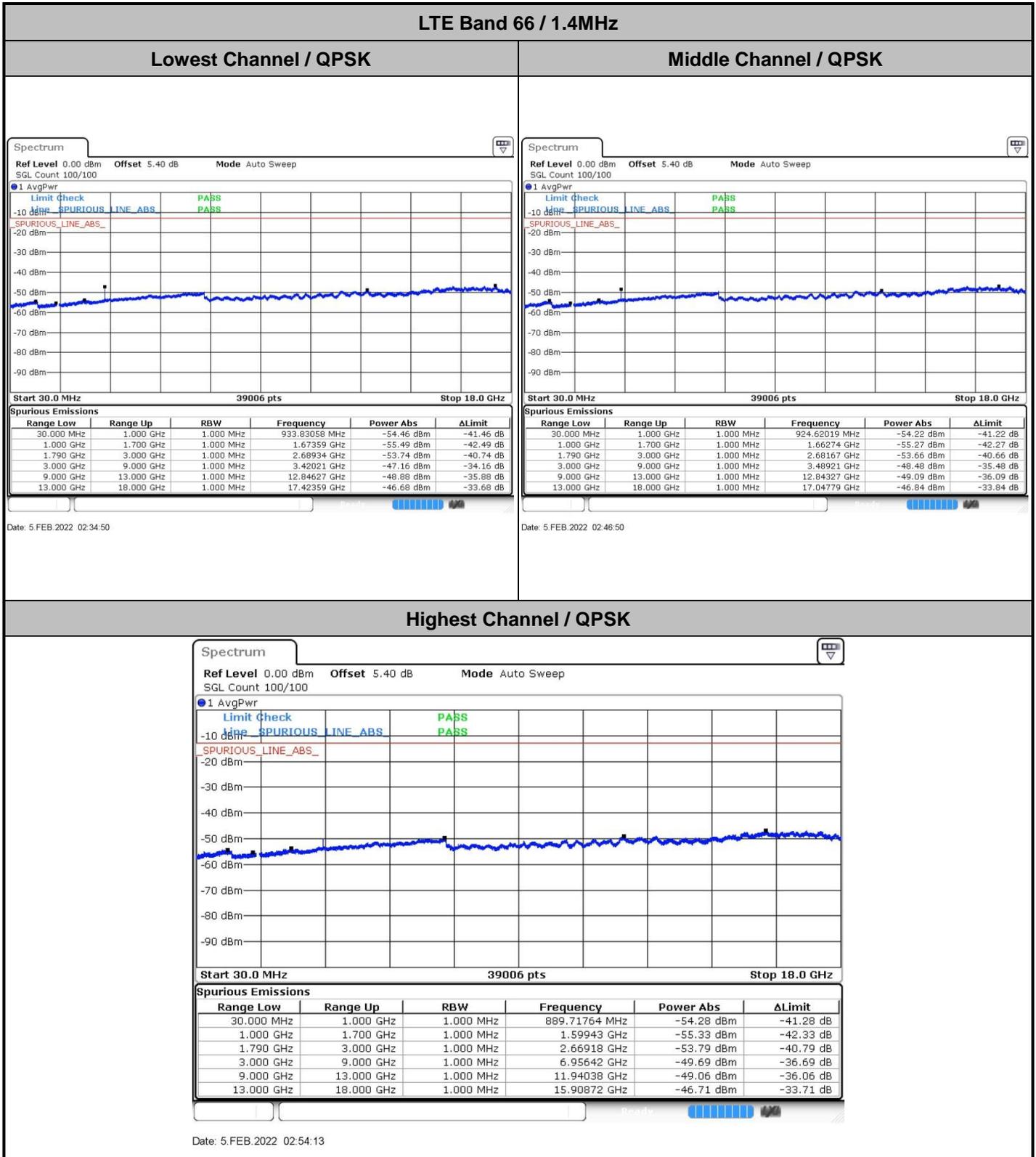
Highest Band Edge / Full RB



Date: 5 FEB 2022 08:00:57



Conducted Spurious Emission

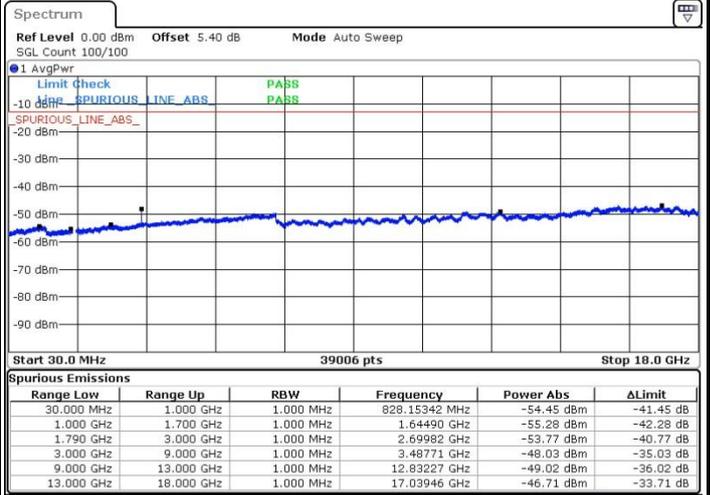
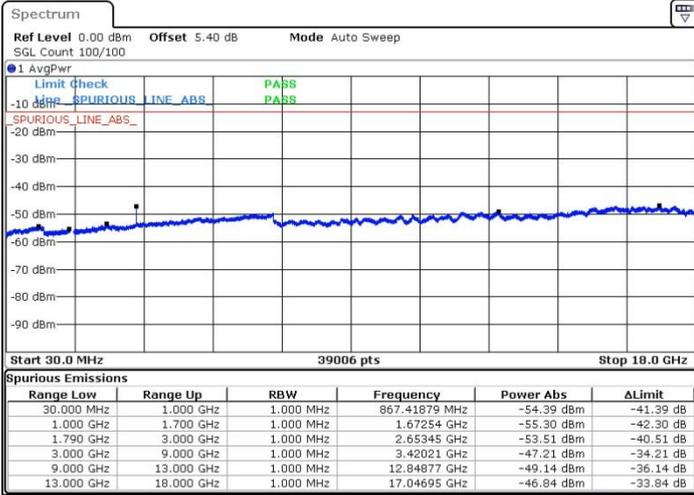




LTE Band 66 / 3MHz

Lowest Channel / QPSK

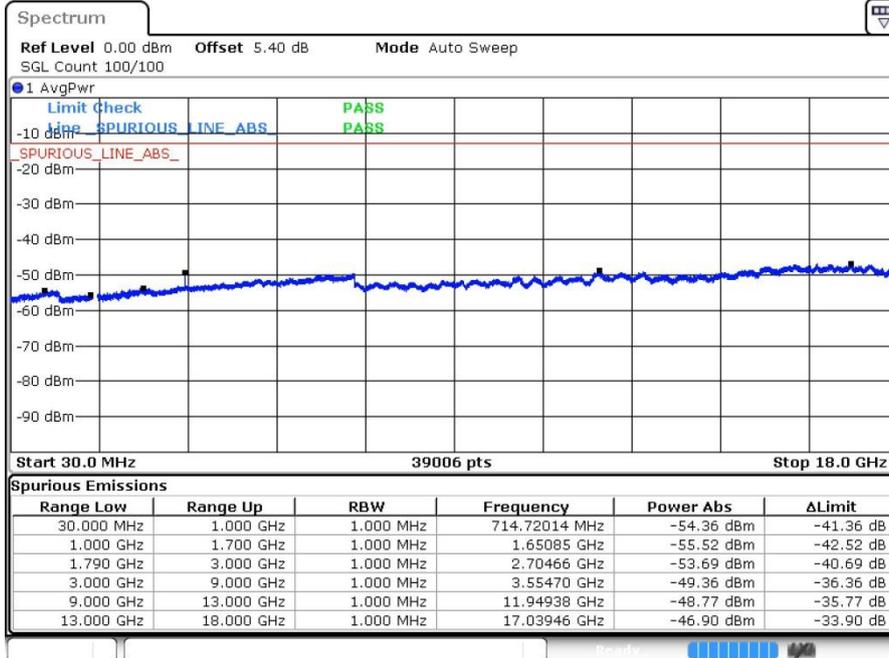
Middle Channel / QPSK



Date: 5 FEB.2022 03:41:39

Date: 5 FEB.2022 05:06:51

Highest Channel / QPSK



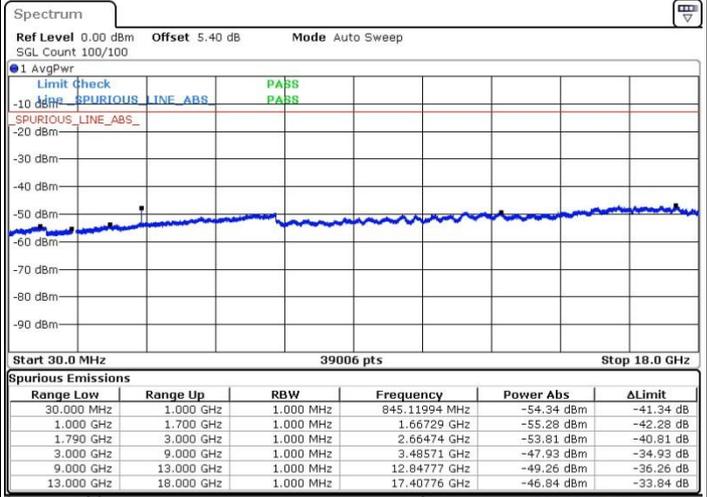
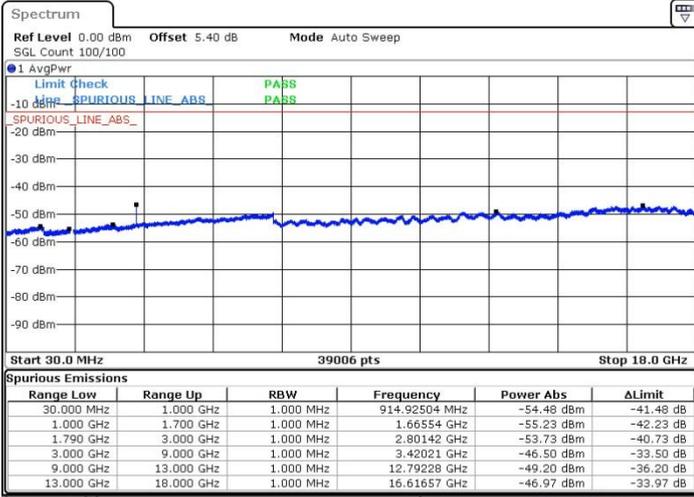
Date: 5.FEB.2022 05:13:55



LTE Band 66 / 5MHz

Lowest Channel / QPSK

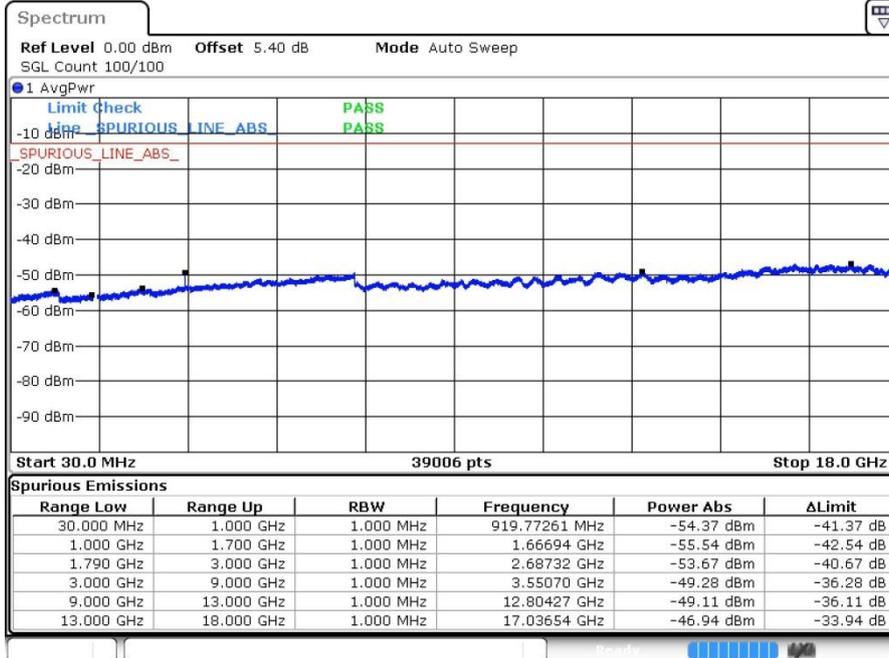
Middle Channel / QPSK



Date: 5 FEB.2022 05:24:19

Date: 5 FEB.2022 05:32:35

Highest Channel / QPSK



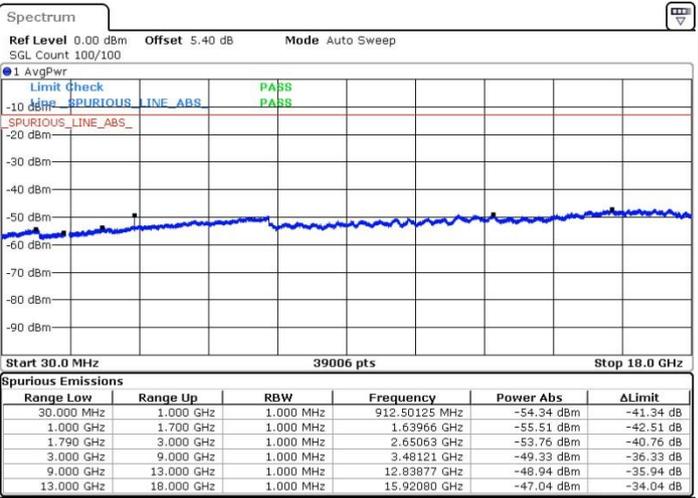
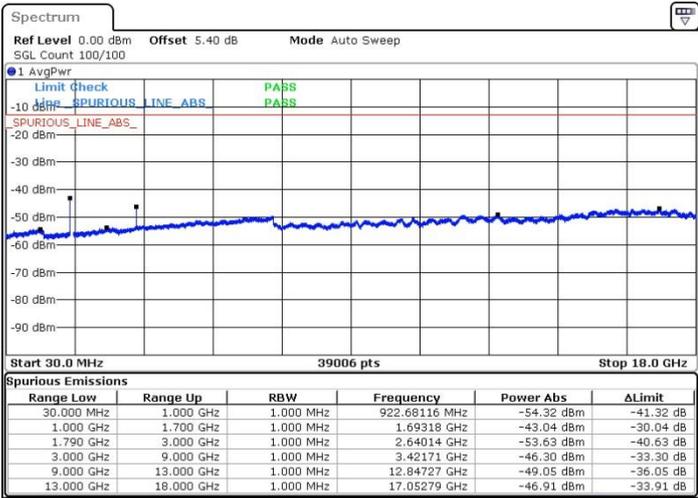
Date: 5.FEB.2022 06:16:12



LTE Band 66 / 10MHz

Lowest Channel / QPSK

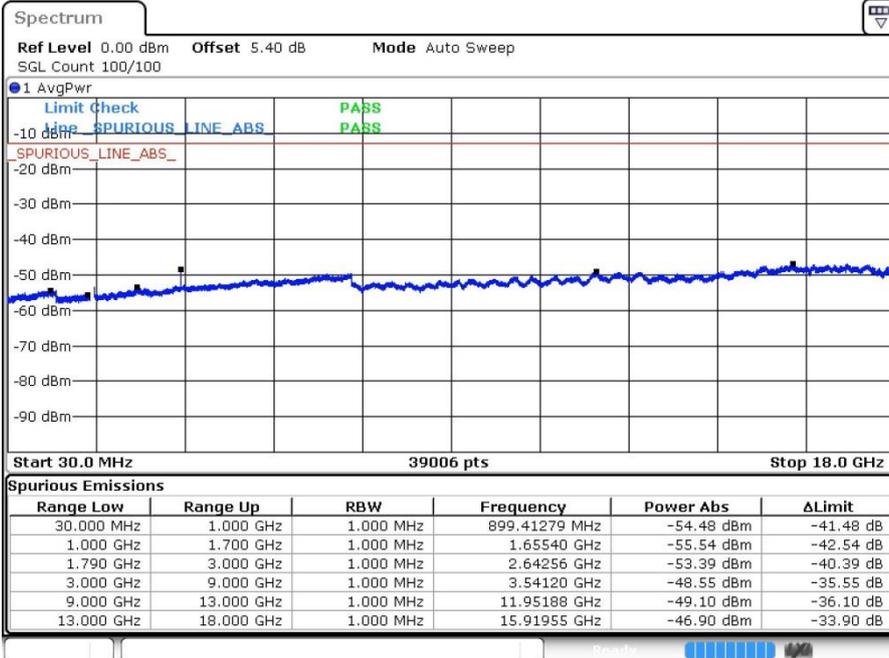
Middle Channel / QPSK



Date: 5 FEB.2022 06:35:31

Date: 5 FEB.2022 06:41:00

Highest Channel / QPSK



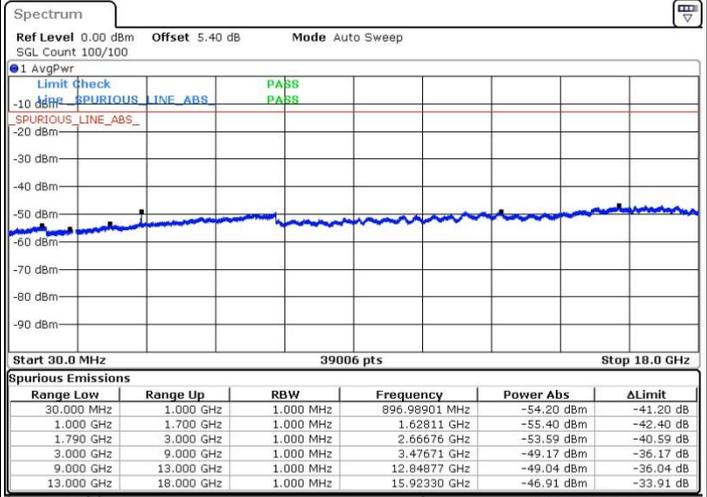
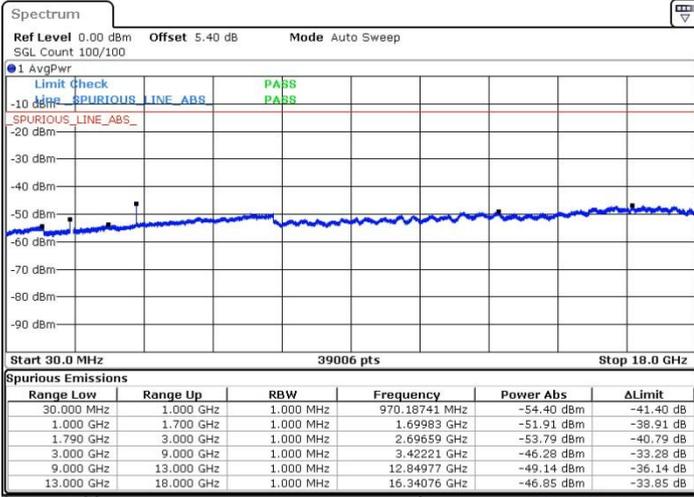
Date: 5.FEB.2022 06:52:00



LTE Band 66 / 15MHz

Lowest Channel / QPSK

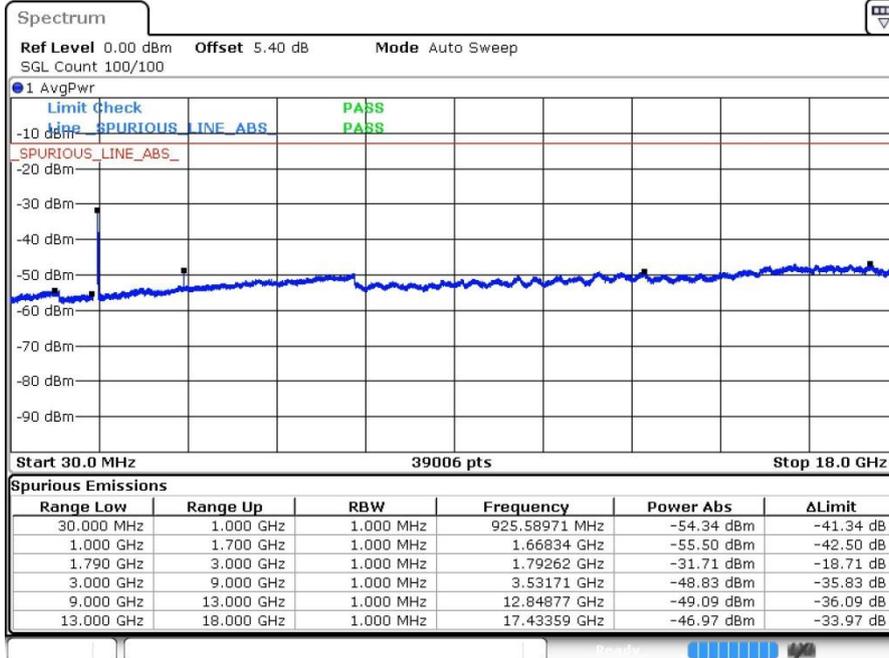
Middle Channel / QPSK



Date: 5 FEB.2022 06:58:58

Date: 5 FEB.2022 07:08:28

Highest Channel / QPSK



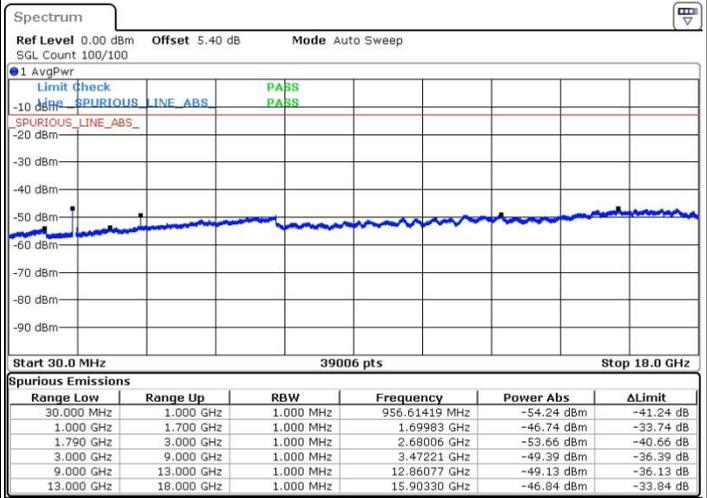
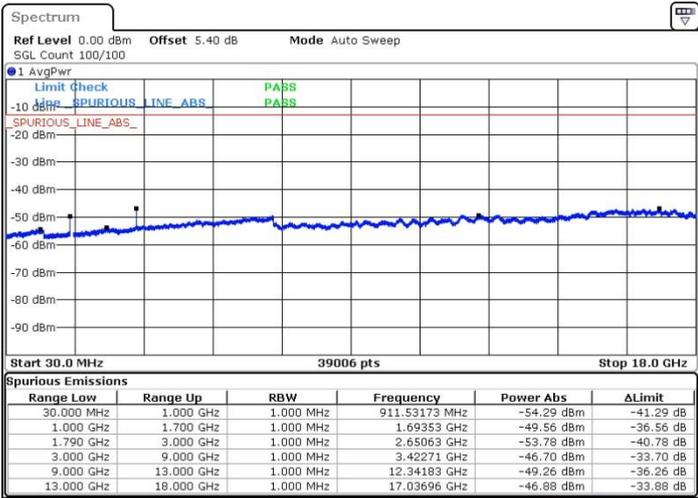
Date: 5.FEB.2022 07:13:32



LTE Band 66 / 20MHz

Lowest Channel / QPSK

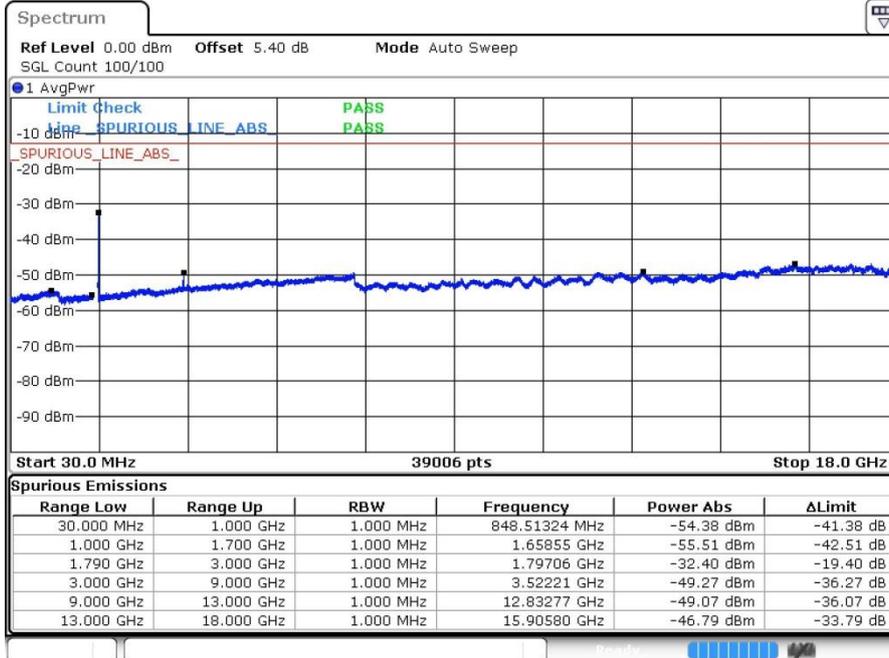
Middle Channel / QPSK



Date: 5 FEB 2022 07:20:37

Date: 5 FEB 2022 07:28:05

Highest Channel / QPSK



Date: 5.FEB.2022 07:49:24



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	0.0012	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 2 / 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	3741	-51.20	-13	-38.20	-63.46	2.64	14.90	H
	5613	-46.16	-13	-33.16	-58.02	2.94	14.80	H
	7488	-50.53	-13	-37.53	-60.30	3.39	13.16	H
	3741	-52.18	-13	-39.18	-64.44	2.64	14.90	V
	5613	-48.16	-13	-35.16	-60.02	2.94	14.80	V
	7488	-52.02	-13	-39.02	-61.79	3.39	13.16	V

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

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	1406	-67.68	-13	-54.68	-74.65	1.58	10.70	H
	2108	-62.45	-13	-49.45	-70.70	2.102	12.50	H
	2812	-59.43	-13	-46.43	-68.32	2.856	13.90	H
	3516	-59.79	-13	-46.79	-68.25	2.689	13.30	H
	1406	-67.36	-13	-54.36	-74.33	1.58	10.70	V
	2108	-61.11	-13	-48.11	-69.36	2.10	12.50	V
	2812	-58.93	-13	-45.93	-67.82	2.86	13.90	V
	3516	-60.33	-13	-47.33	-68.79	2.69	13.30	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	-67.28	-42.15	-25.13	-69.91	1.09	5.87	H
	2336	-62.35	-13	-49.35	-64.75	1.37	5.92	H
	3120	-60.26	-13	-47.26	-64.15	1.64	7.68	H
	1560	-66.62	-42.15	-24.47	-69.25	1.09	5.87	V
	2336	-60.66	-13	-47.66	-63.06	1.37	5.92	V
	3120	-59.95	-13	-46.95	-63.84	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	-67.35	-13	-54.35	-69.98	1.09	5.87	H
	2328	-62.14	-13	-49.14	-64.54	1.37	5.92	H
	3112	-60.90	-13	-47.90	-64.79	1.64	7.68	H
	1552	-67.00	-13	-54.00	-69.63	1.09	5.87	V
	2328	-60.35	-13	-47.35	-62.75	1.37	5.92	V
	3110.36	-59.53	-13	-46.53	-63.42	1.64	7.68	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	-63.56	-13	-50.56	-70.53	1.58	10.70	H
	2488	-61.05	-13	-48.05	-69.30	2.102	12.50	H
	3320	-59.92	-13	-46.92	-68.81	2.856	13.90	H
	1656	-63.23	-13	-50.23	-70.20	1.58	10.70	V
	2488	-59.15	-13	-46.15	-67.40	2.10	12.50	V
	3320	-59.87	-13	-46.87	-68.76	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	-56.74	-13	-43.74	-67.48	2.604	13.34	H
	5205	-54.02	-13	-41.02	-64.53	3.011	13.52	H
	6945	-52.58	-13	-39.58	-62.78	3.271	13.47	H
	3465	-57.17	-13	-44.17	-67.91	2.604	13.34	V
	5205	-53.46	-13	-40.46	-63.97	3.011	13.52	V
	6945	-53.61	-13	-40.61	-63.81	3.271	13.47	V

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