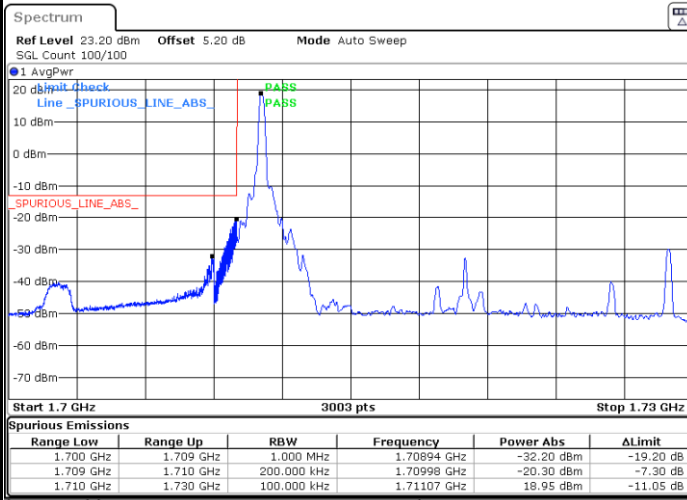




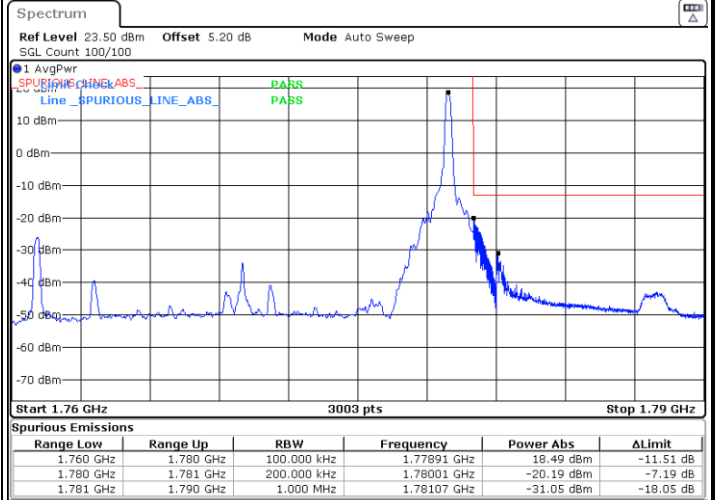
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



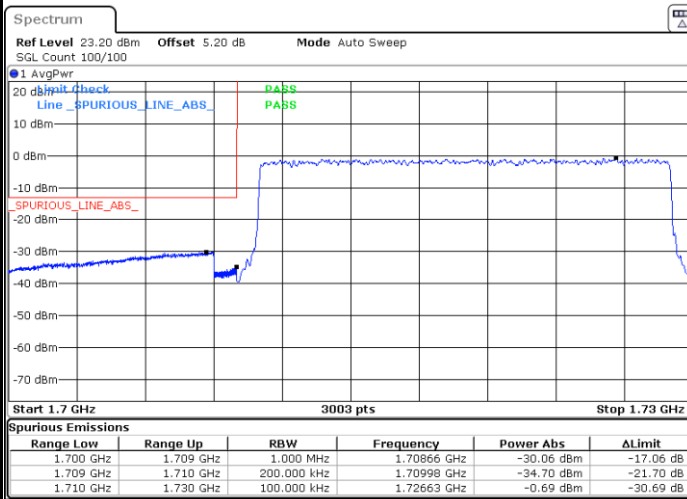
Date: 5.JUN.2022 03:56:15

Highest Band Edge / 1 RB



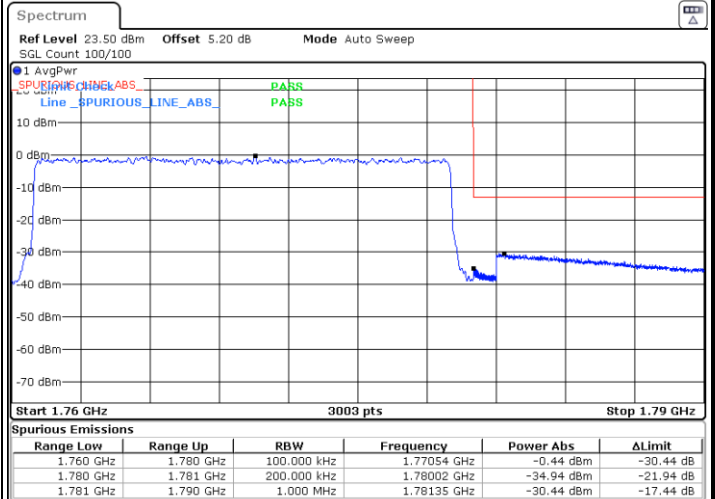
Date: 5.JUN.2022 04:07:09

Lowest Band Edge / Full RB



Date: 5.JUN.2022 04:00:21

Highest Band Edge / Full RB

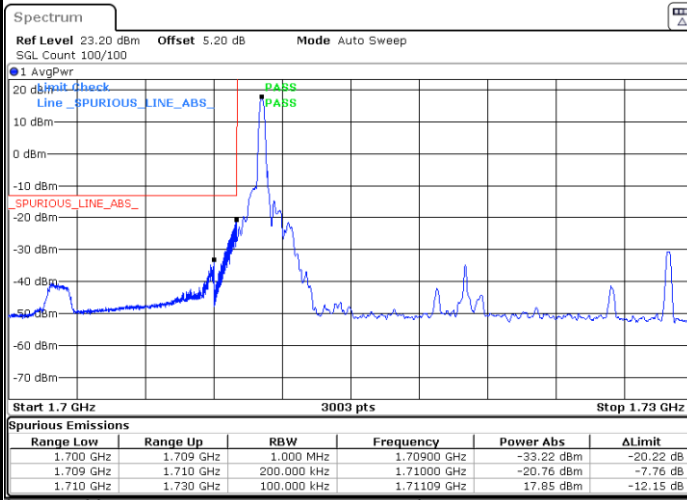


Date: 5.JUN.2022 04:11:15



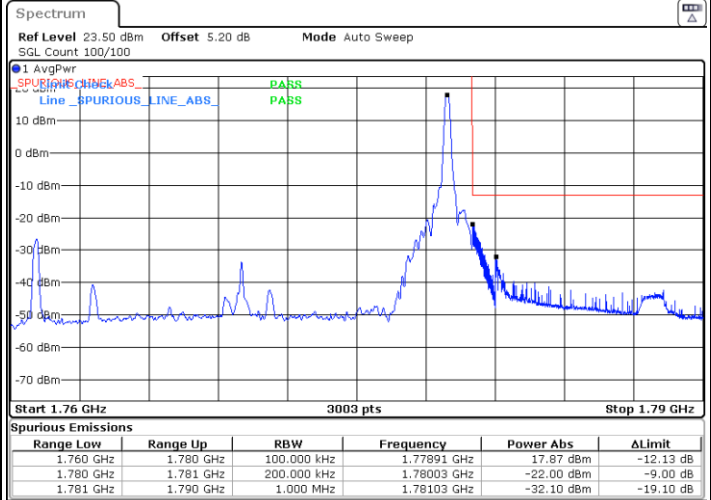
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



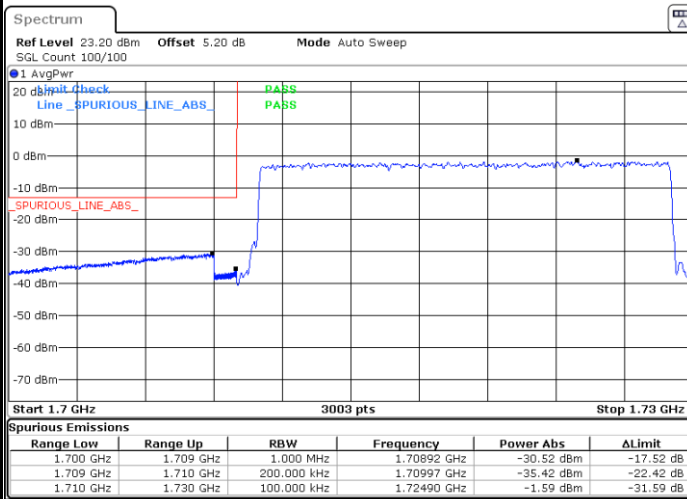
Date: 5 JUN.2022 03:57:37

Highest Band Edge / 1 RB



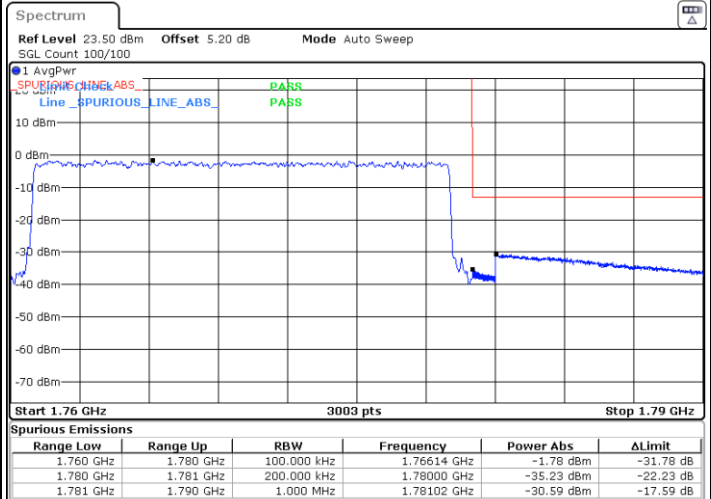
Date: 5 JUN.2022 04:08:31

Lowest Band Edge / Full RB



Date: 5 JUN.2022 03:58:59

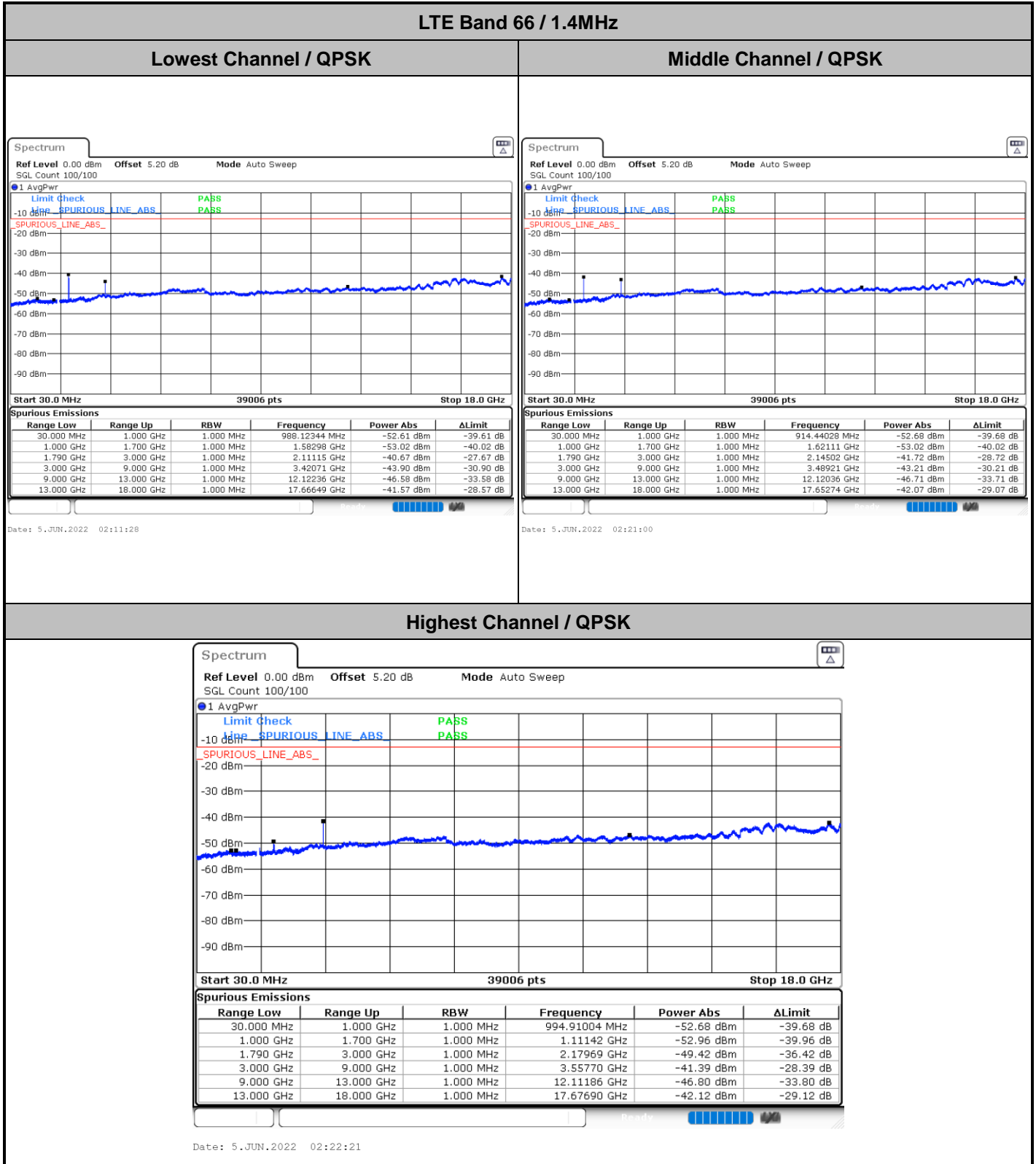
Highest Band Edge / Full RB



Date: 5 JUN.2022 04:09:53



Conducted Spurious Emission

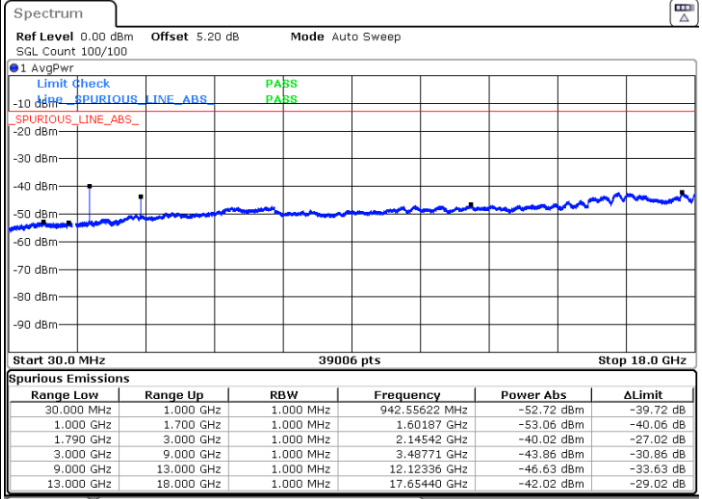
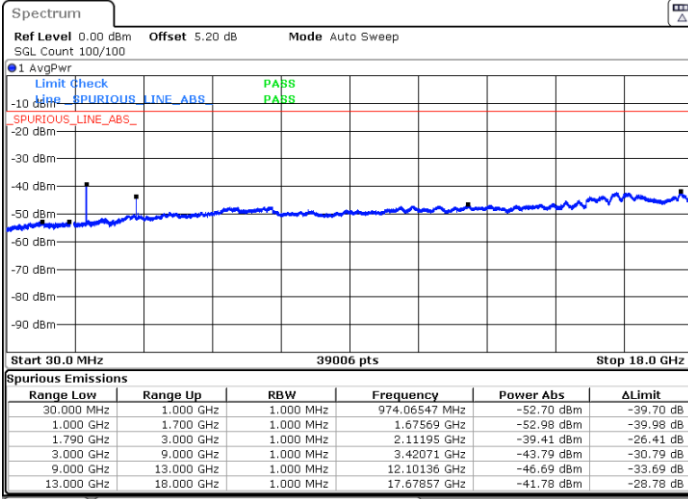




LTE Band 66 / 3MHz

Lowest Channel / QPSK

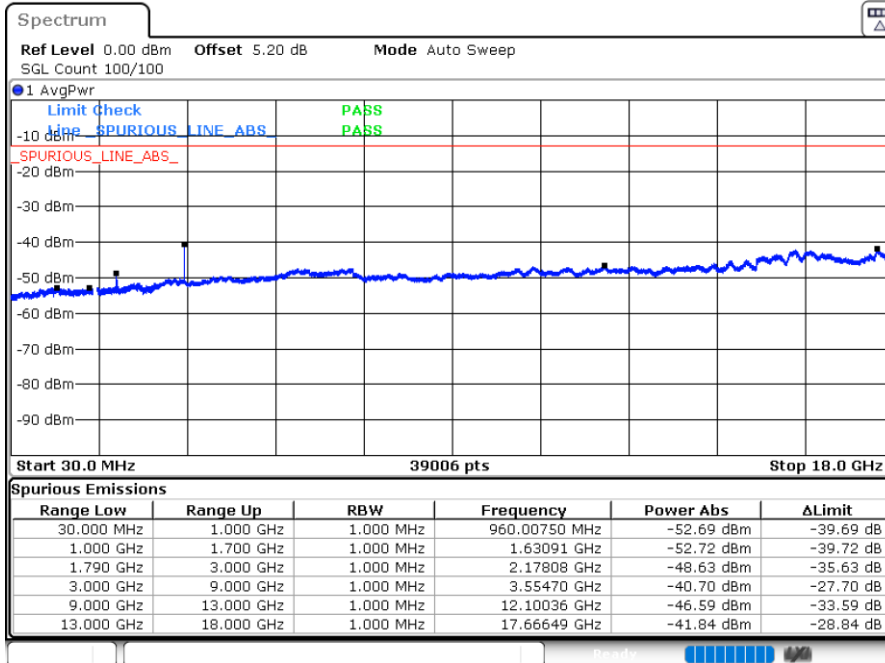
Middle Channel / QPSK



Date: 5 JUN.2022 02:31:55

Date: 5 JUN.2022 02:41:24

Highest Channel / QPSK



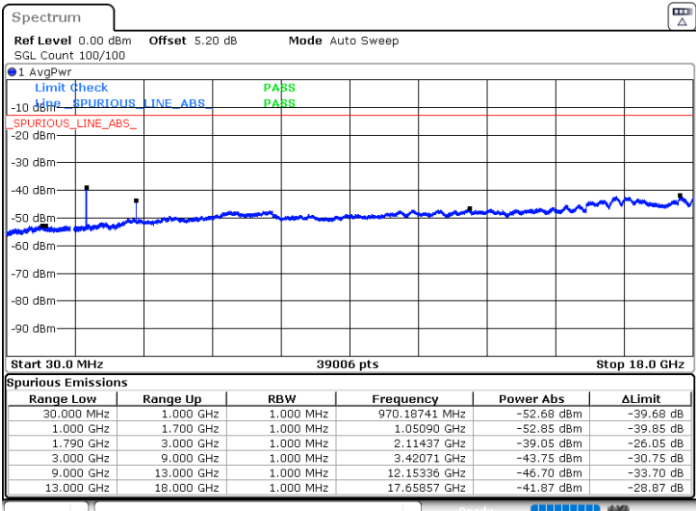
Date: 5 JUN.2022 02:42:45



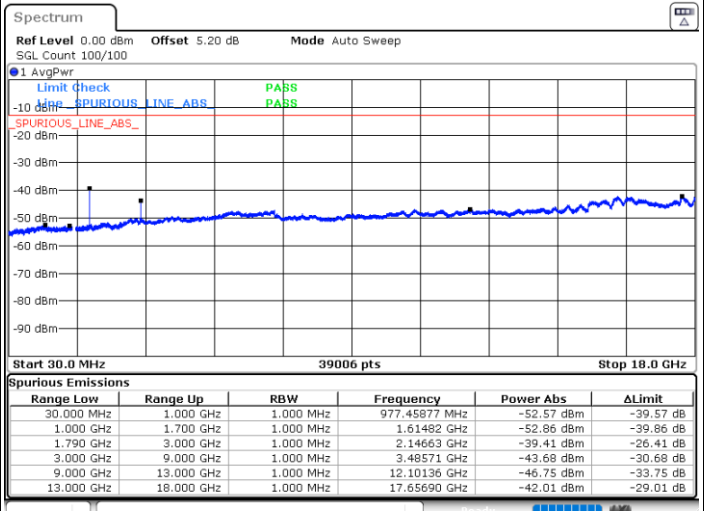
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

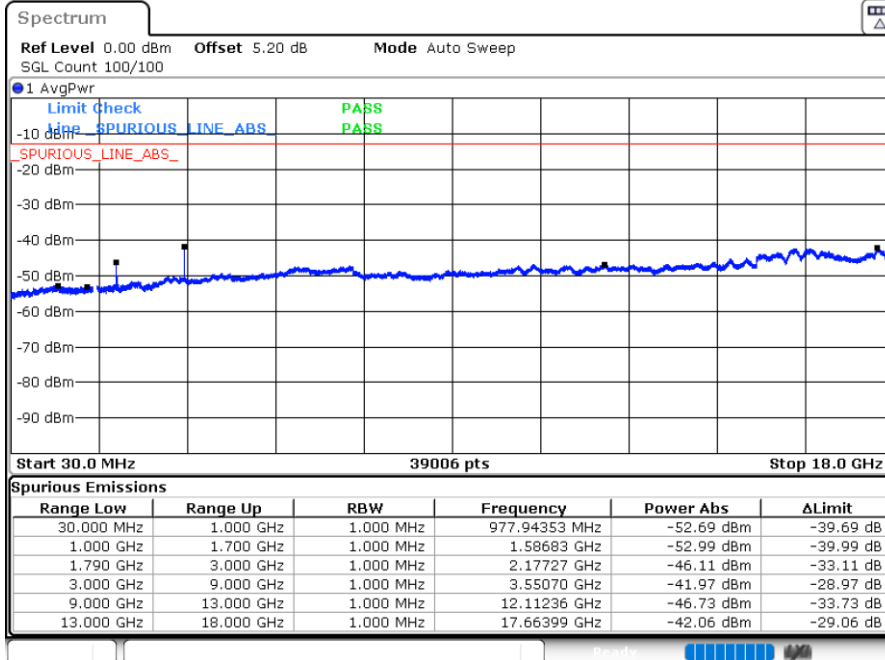


Date: 5 JUN. 2022 02:52:15



Date: 5 JUN. 2022 03:01:44

Highest Channel / QPSK



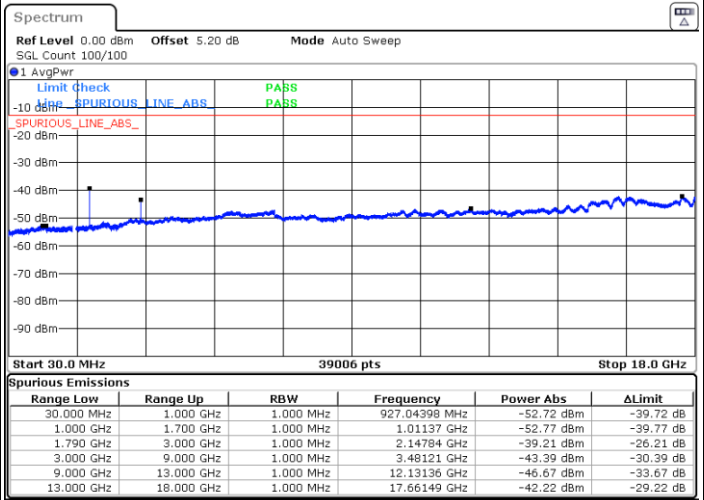
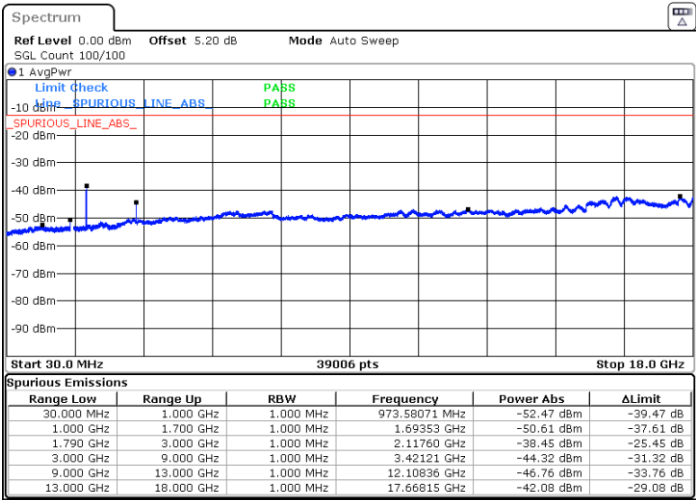
Date: 5 JUN. 2022 03:03:05



LTE Band 66 / 10MHz

Lowest Channel / QPSK

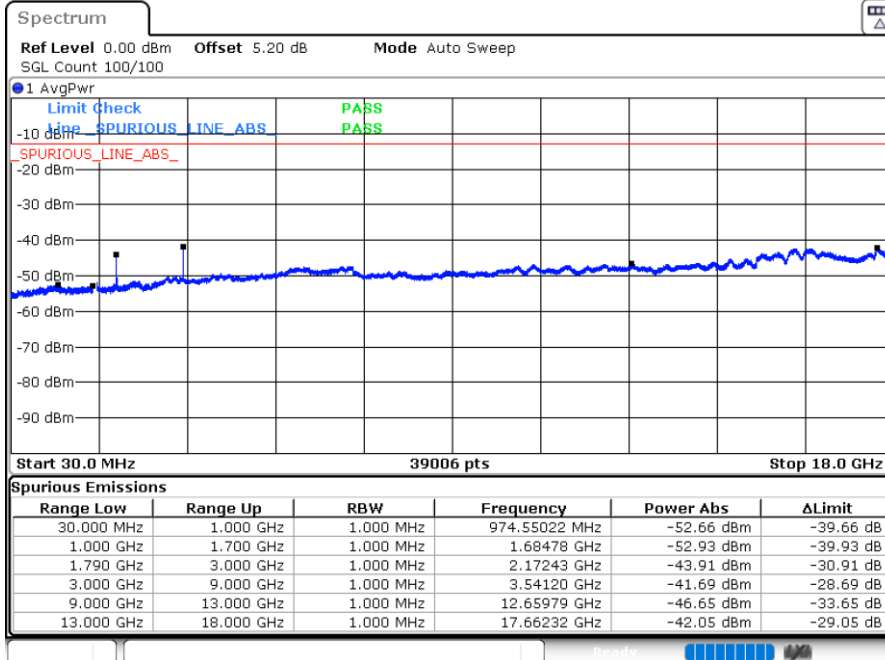
Middle Channel / QPSK



Date: 5 JUN. 2022 03:12:38

Date: 5 JUN. 2022 03:22:09

Highest Channel / QPSK



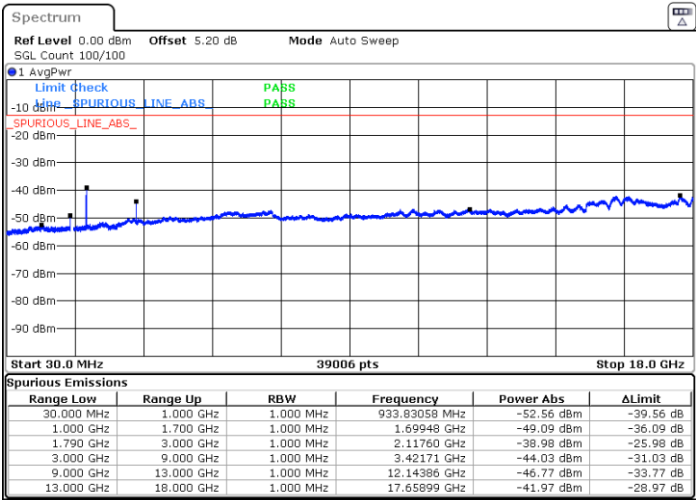
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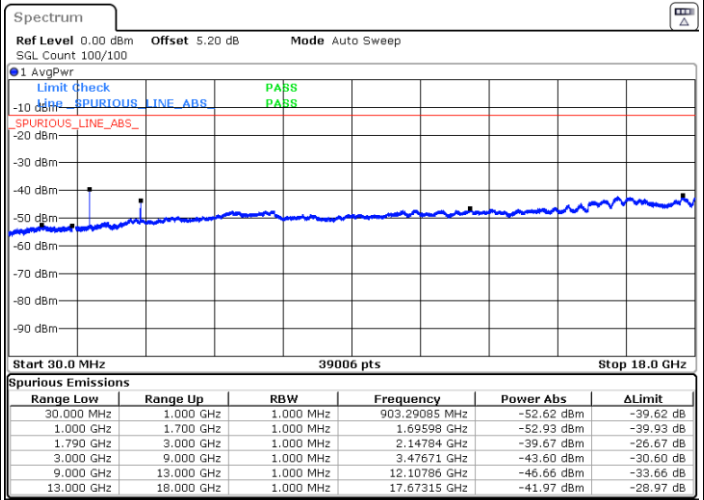
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

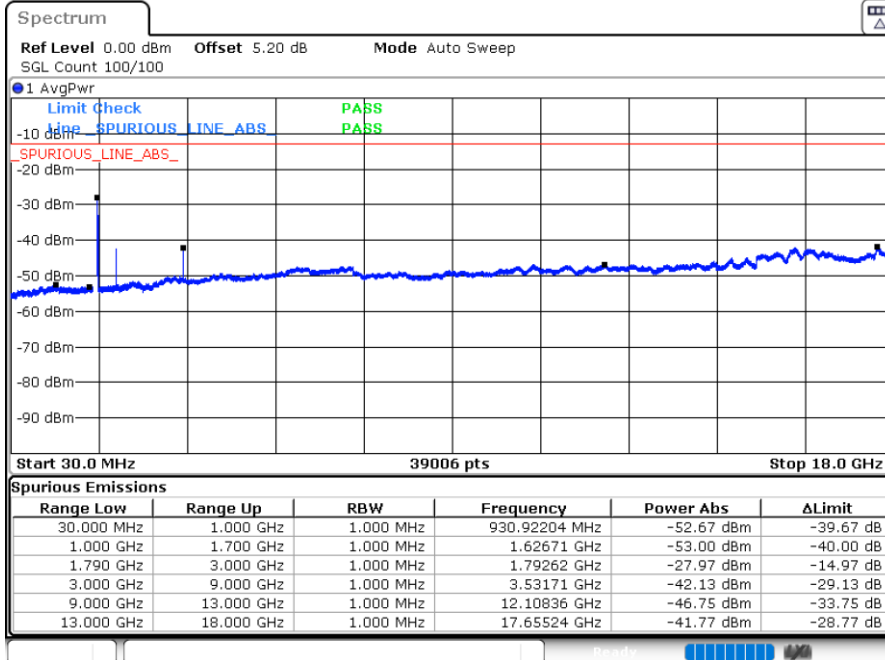


Date: 5 JUN.2022 03:33:02



Date: 5 JUN.2022 03:42:36

Highest Channel / QPSK



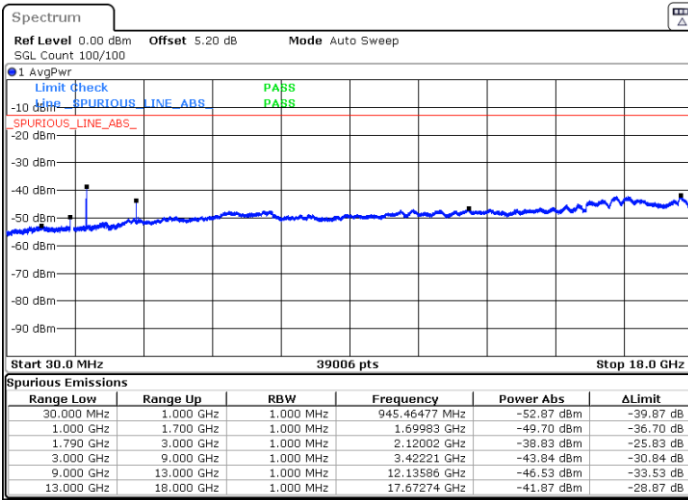
Date: 5 JUN.2022 03:43:58



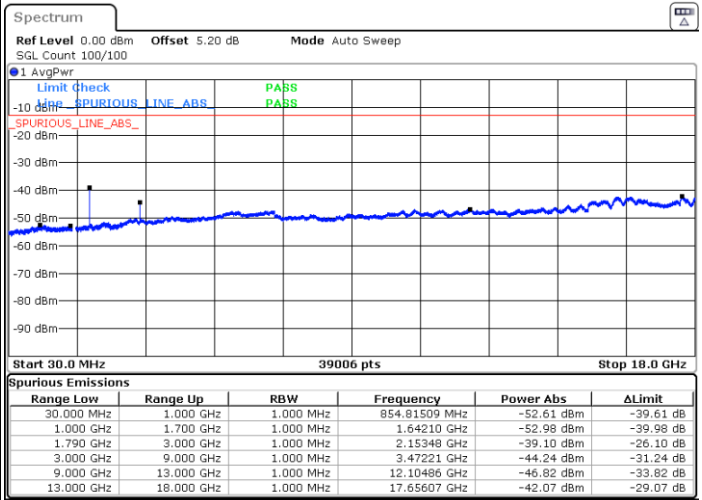
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

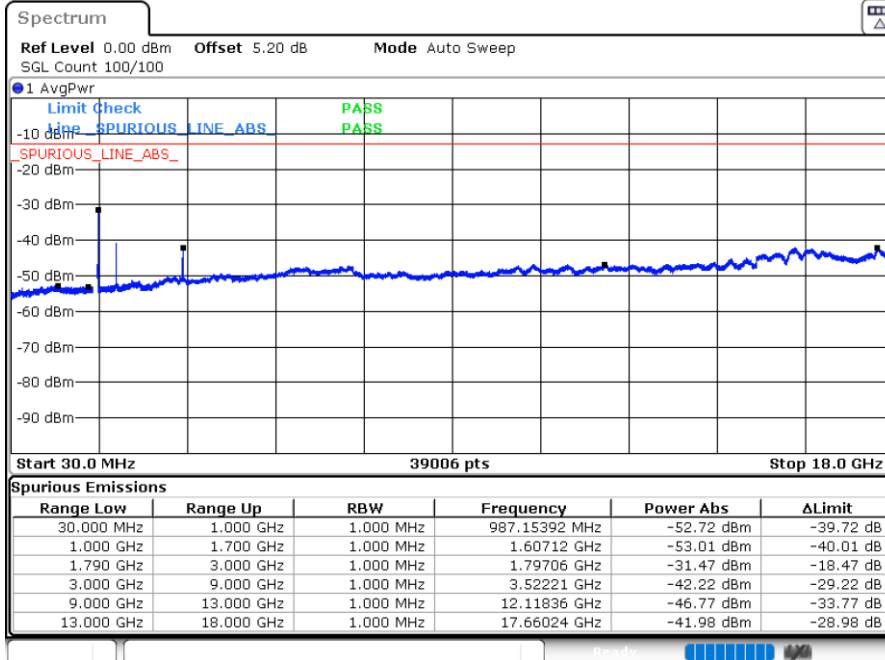


Date: 5 JUN.2022 03:53:32



Date: 5 JUN.2022 04:03:05

Highest Channel / QPSK



Date: 5 JUN.2022 04:04:26



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	0.0135	PASS
40	Normal Voltage	0.0122	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0063	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0125	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	-57.01	-13	-44.01	-69.27	2.64	14.90	H
	5613	-54.65	-13	-41.65	-66.51	2.94	14.80	H
	7488	-51.82	-13	-38.82	-61.59	3.39	13.16	H
	3741	-56.80	-13	-43.80	-69.06	2.64	14.90	V
	5613	-55.57	-13	-42.57	-67.43	2.94	14.80	V
	7488	-51.66	-13	-38.66	-61.43	3.39	13.16	V

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

LTE Band 7 / 20MHz / 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	5052	-54.56	-25	-29.56	-64.77	3.03	13.24	H
	7576	-53.19	-25	-28.19	-62.64	3.56	13.01	H
	10100	-60.72	-25	-35.72	-70.24	3.92	13.44	H
	5052	-54.35	-25	-29.35	-64.56	3.03	13.24	V
	7576	-52.78	-25	-27.78	-62.23	3.56	13.01	V
	10100	-60.94	-25	-35.94	-70.46	3.92	13.44	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	-64.90	-42.15	-22.75	-67.53	1.09	5.87	H
	2336	-61.87	-13	-48.87	-64.27	1.37	5.92	H
	3120	-59.42	-13	-46.42	-63.31	1.64	7.68	H
	1560	-61.73	-42.15	-19.58	-64.36	1.09	5.87	V
	2336	-60.06	-13	-47.06	-62.46	1.37	5.92	V
	3120	-59.55	-13	-46.55	-63.44	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	-66.18	-13	-53.18	-68.81	1.09	5.87	H
	2328	-61.16	-13	-48.16	-63.56	1.37	5.92	H
	3112	-59.70	-13	-46.70	-63.59	1.64	7.68	H
	1552	-62.42	-13	-49.42	-65.05	1.09	5.87	V
	2328	-59.99	-13	-46.99	-62.39	1.37	5.92	V
	3112	-59.45	-13	-46.45	-63.34	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	-64.12	-13	-51.12	-71.09	1.58	10.70	H
	2488	-56.62	-13	-43.62	-64.87	2.102	12.50	H
	3320	-59.34	-13	-46.34	-68.23	2.856	13.90	H
	1656	-62.26	-13	-49.26	-69.23	1.58	10.70	V
	2488	-53.86	-13	-40.86	-62.11	2.10	12.50	V
	3320	-58.58	-13	-45.58	-67.47	2.86	13.90	V

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

LTE Band 38 / 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	5172	-64.02	-25	-39.02	-74.23	3.03	13.24	H
	7760	-62.12	-25	-37.12	-71.57	3.56	13.01	H
	10340	-60.55	-25	-35.55	-70.07	3.92	13.44	H
	5172	-63.95	-25	-38.95	-74.16	3.03	13.24	V
	7760	-62.47	-25	-37.47	-71.92	3.56	13.01	V
	10340	-60.72	-25	-35.72	-70.24	3.92	13.44	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	3471	-58.06	-13	-45.06	-68.80	2.604	13.34	H
	5208	-54.79	-13	-41.79	-65.30	3.011	13.52	H
	6948	-53.89	-13	-40.89	-64.09	3.271	13.47	H
	3471	-58.66	-13	-45.66	-69.40	2.604	13.34	V
	5208	-54.64	-13	-41.64	-65.15	3.011	13.52	V
	6948	-53.41	-13	-40.41	-63.61	3.271	13.47	V

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