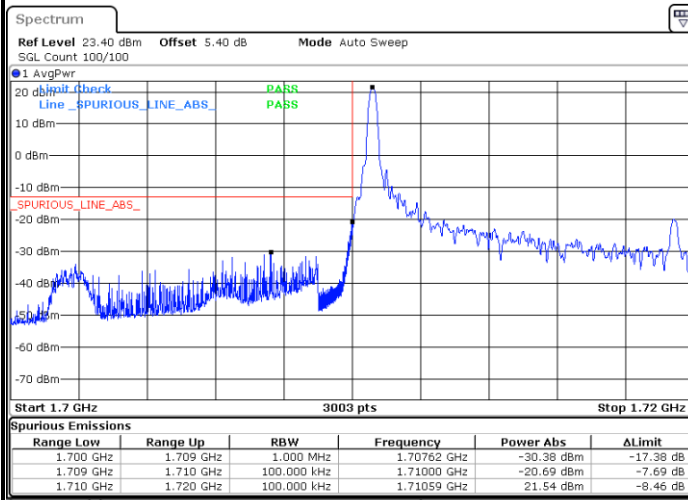


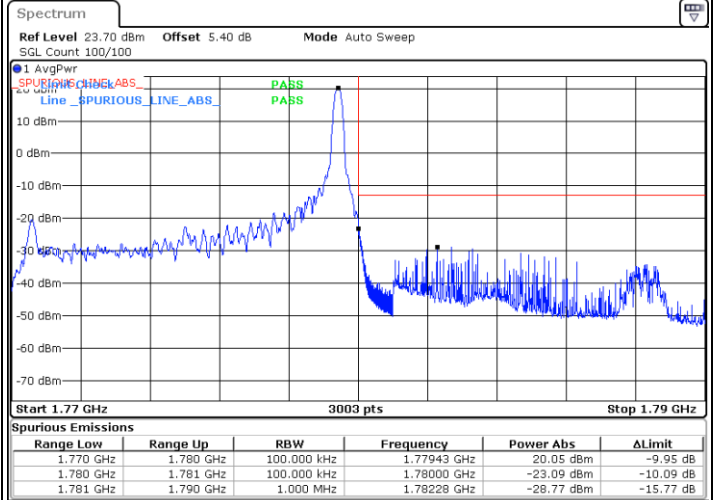


LTE Band 66 / 10MHz / 16QAM

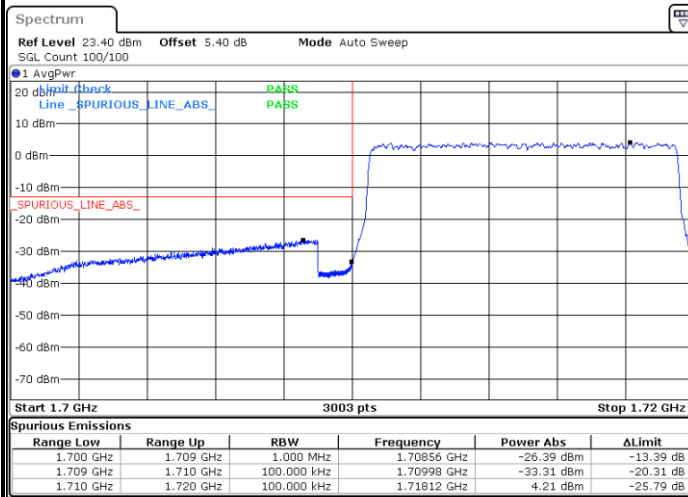
Lowest Band Edge / 1 RB



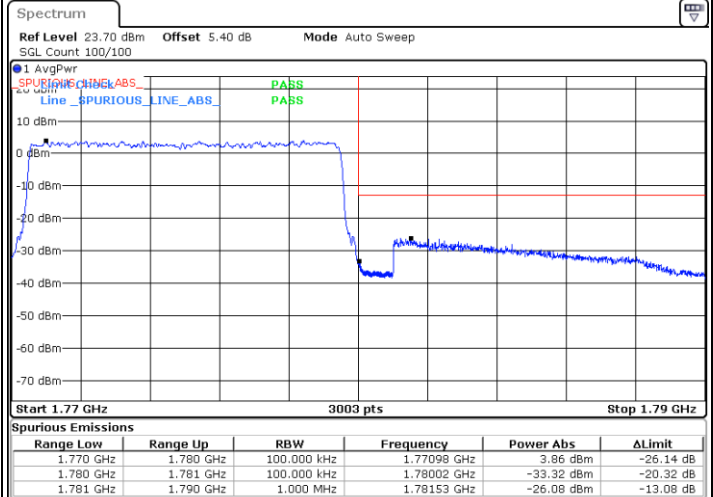
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



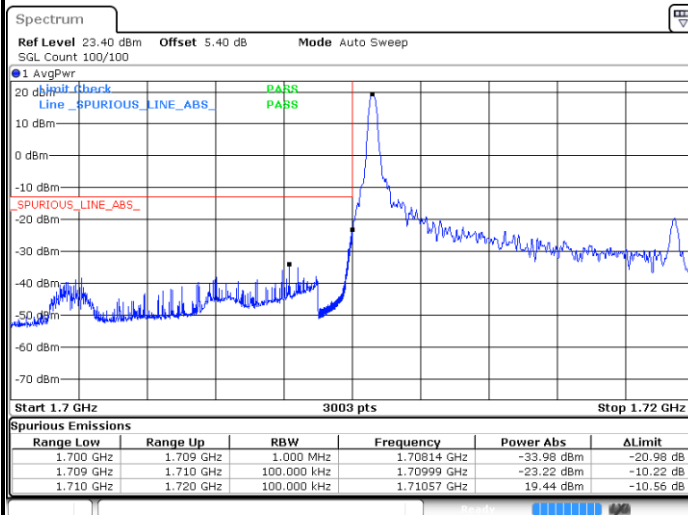
Highest Band Edge / Full RB



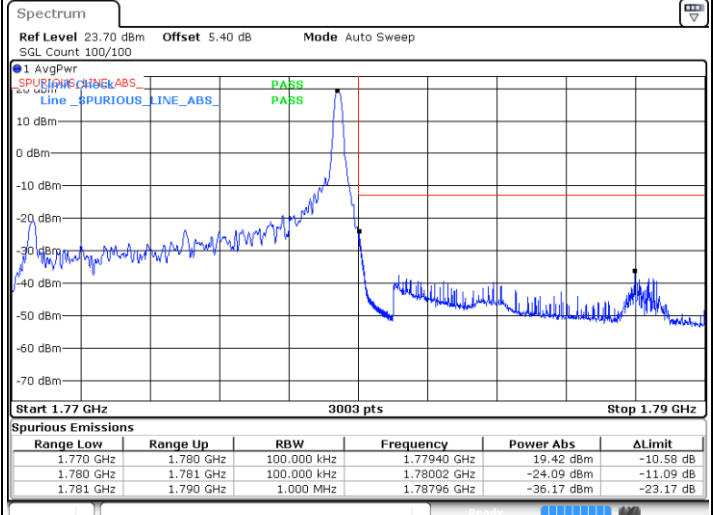


LTE Band 66 / 10MHz / 64QAM

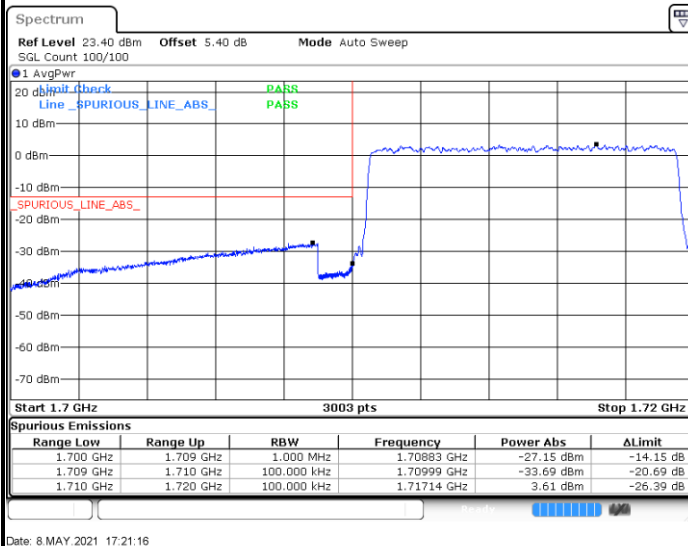
Lowest Band Edge / 1 RB



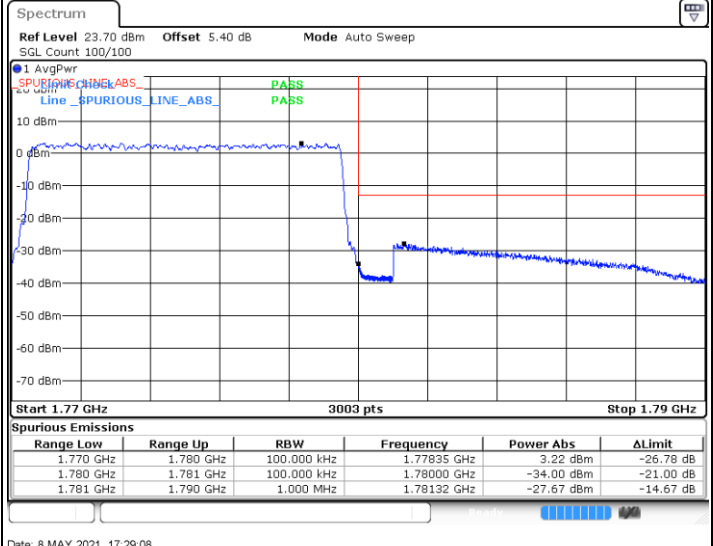
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



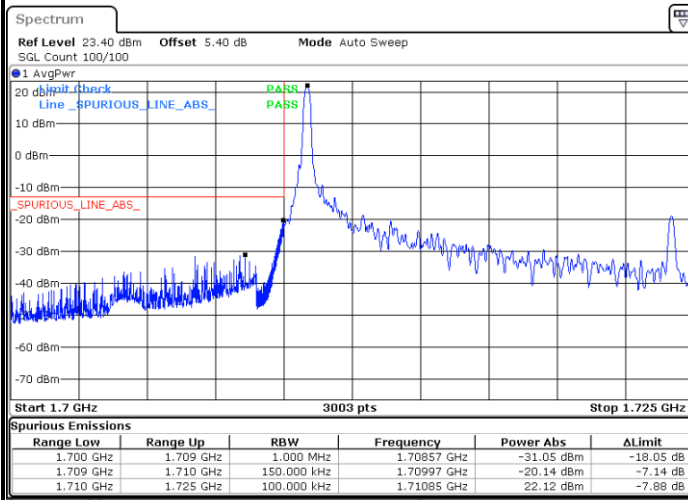
Highest Band Edge / Full RB



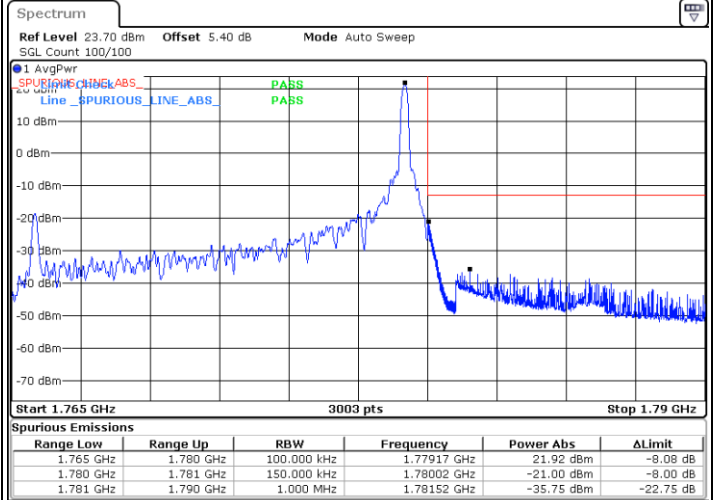


LTE Band 66 / 15MHz / QPSK

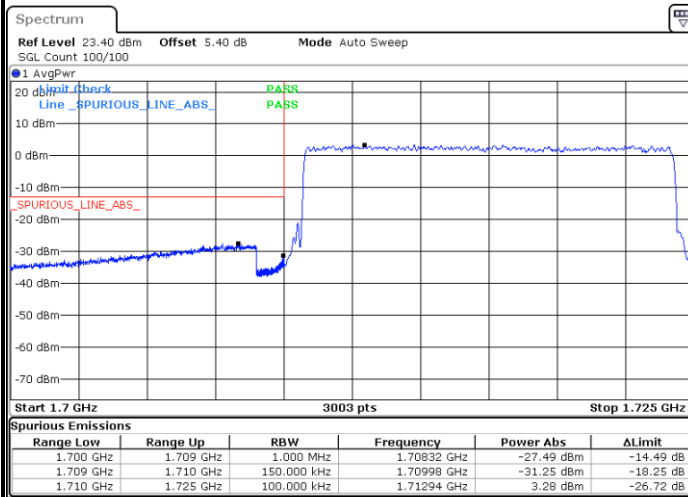
Lowest Band Edge / 1 RB



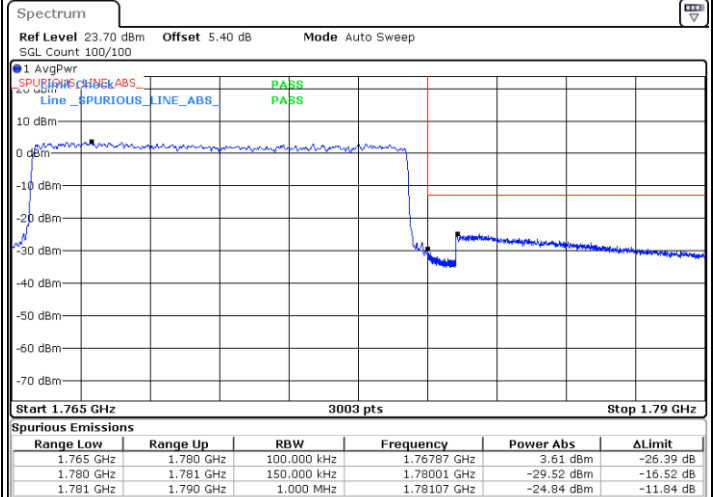
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



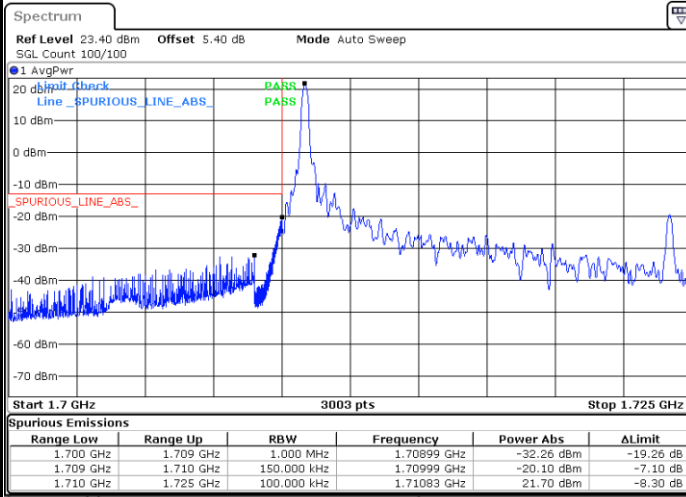
Highest Band Edge / Full RB



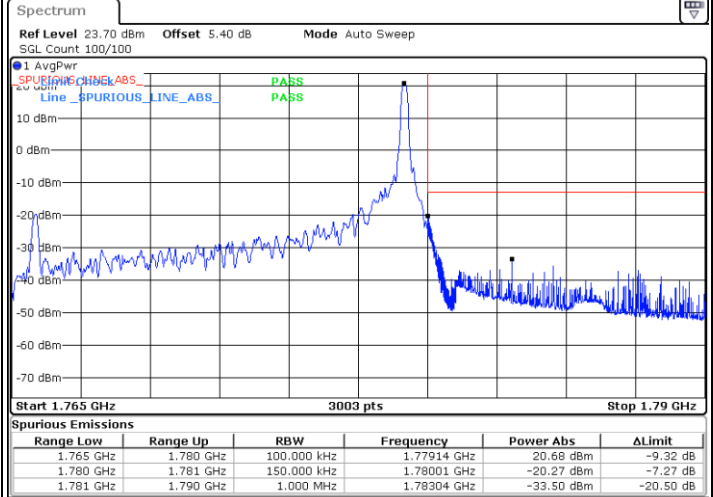


LTE Band 66 / 15MHz / 16QAM

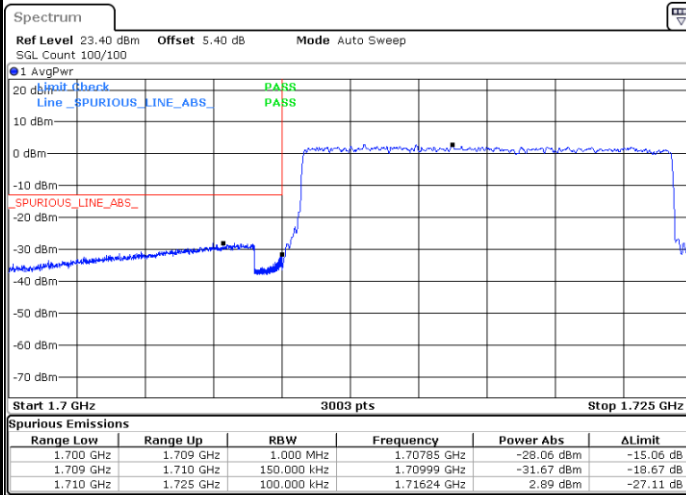
Lowest Band Edge / 1 RB



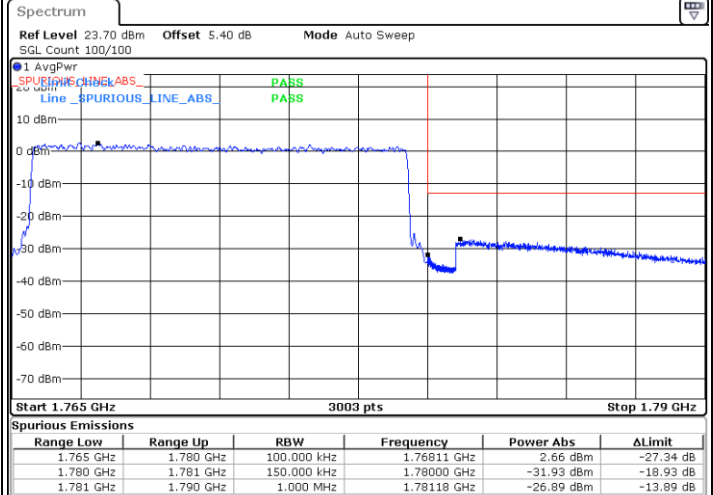
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



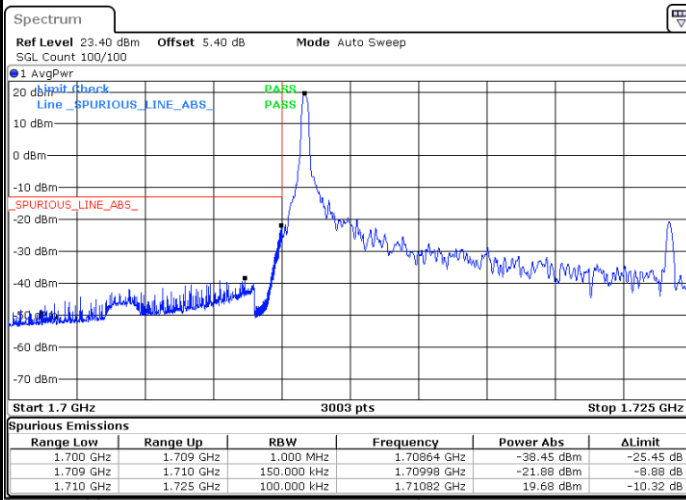
Highest Band Edge / Full RB



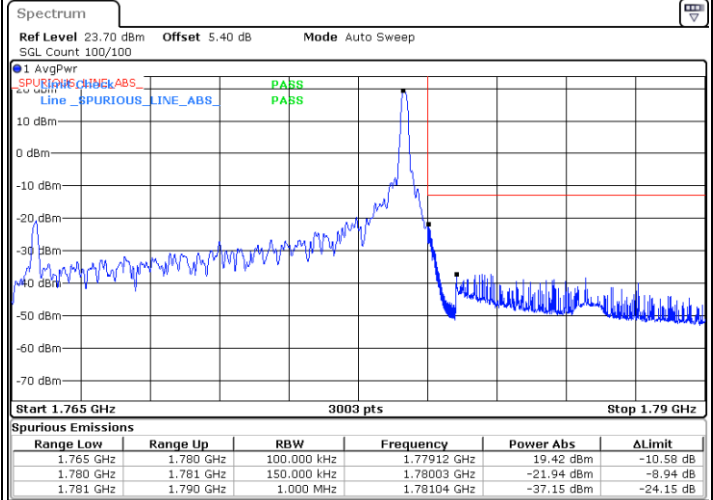


LTE Band 66 / 15MHz / 64QAM

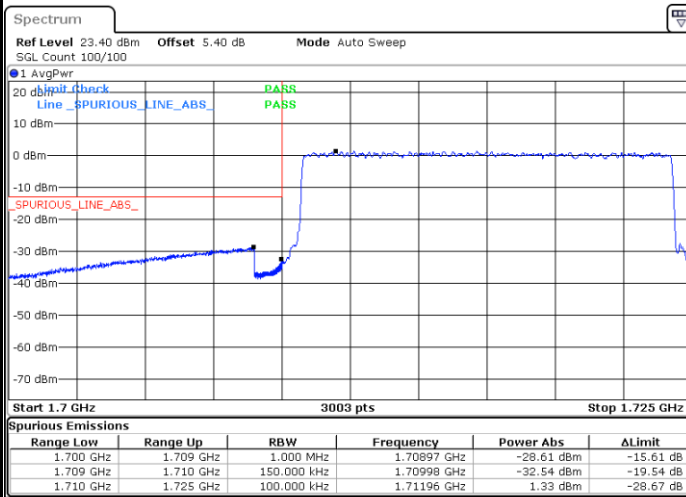
Lowest Band Edge / 1 RB



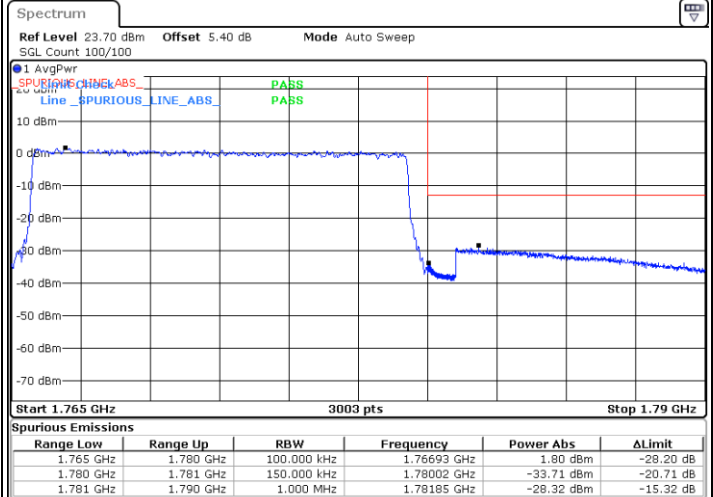
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



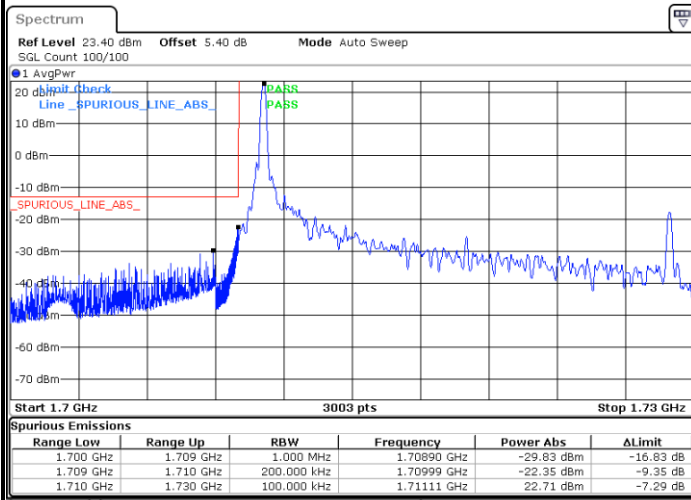
Highest Band Edge / Full RB



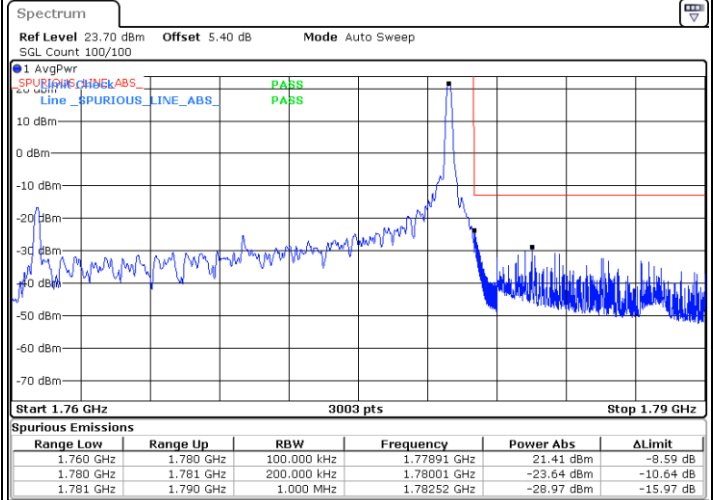


LTE Band 66 / 20MHz / QPSK

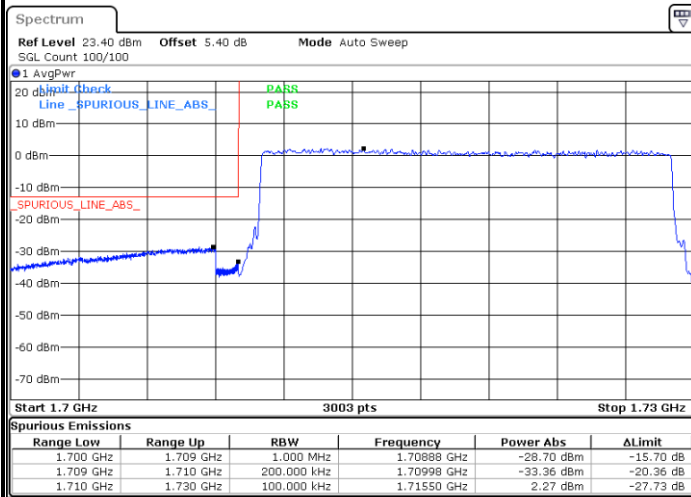
Lowest Band Edge / 1 RB



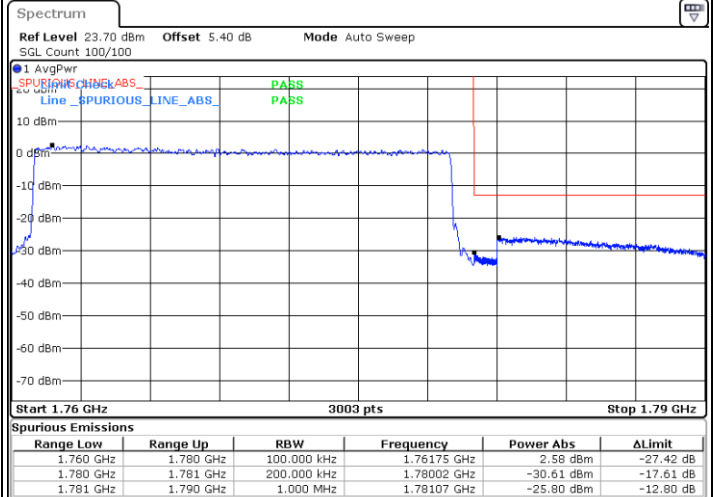
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



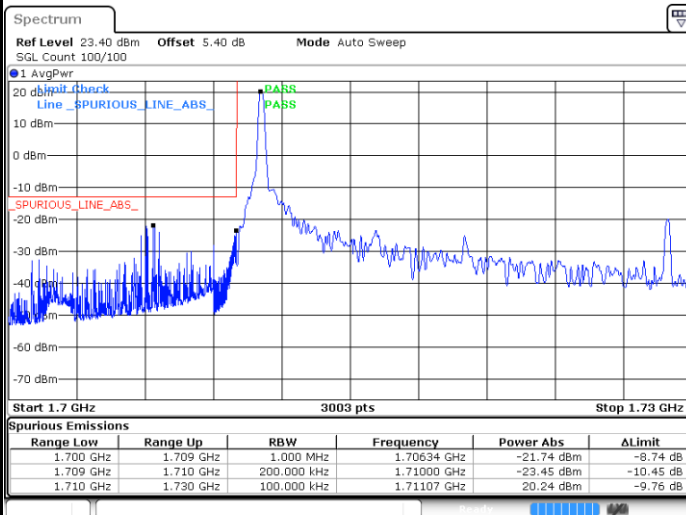
Highest Band Edge / Full RB



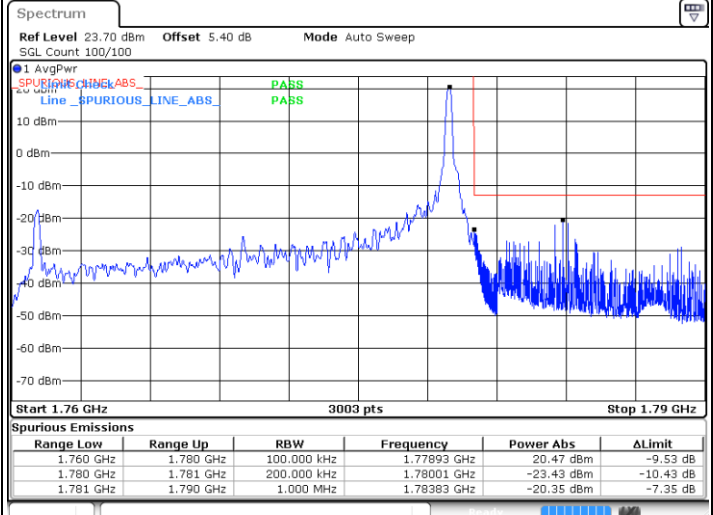


LTE Band 66 / 20MHz / 16QAM

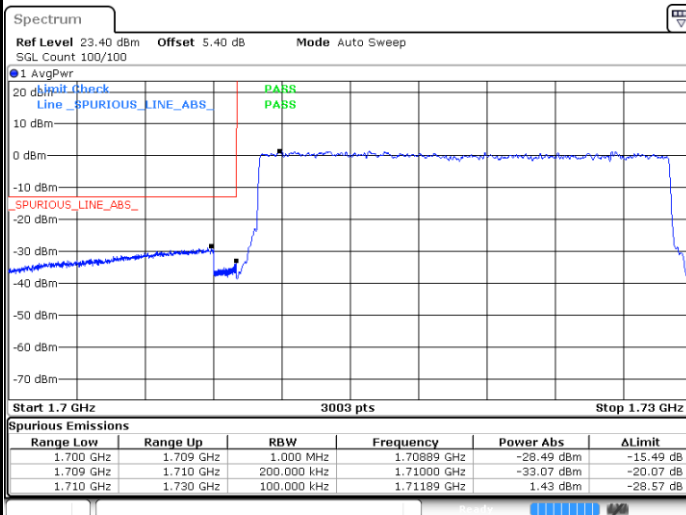
Lowest Band Edge / 1 RB



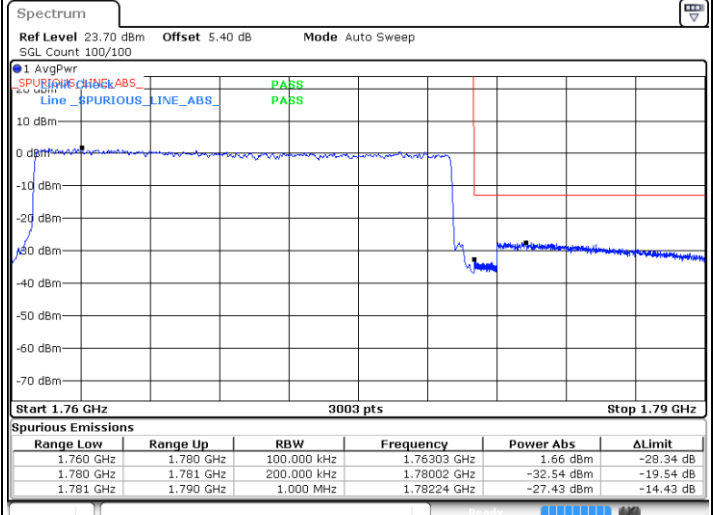
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



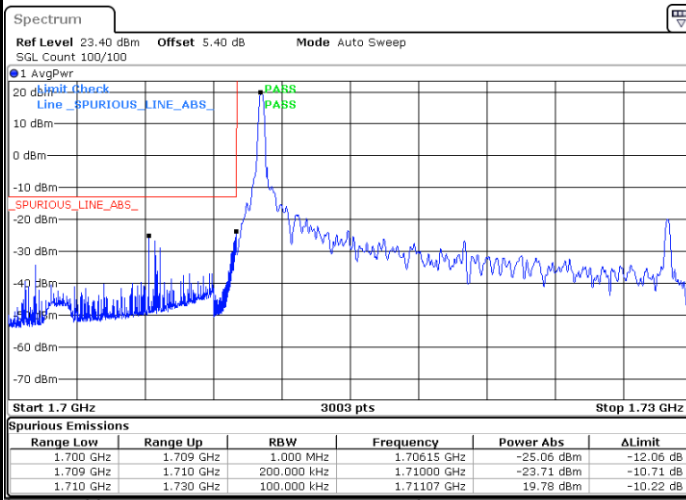
Highest Band Edge / Full RB



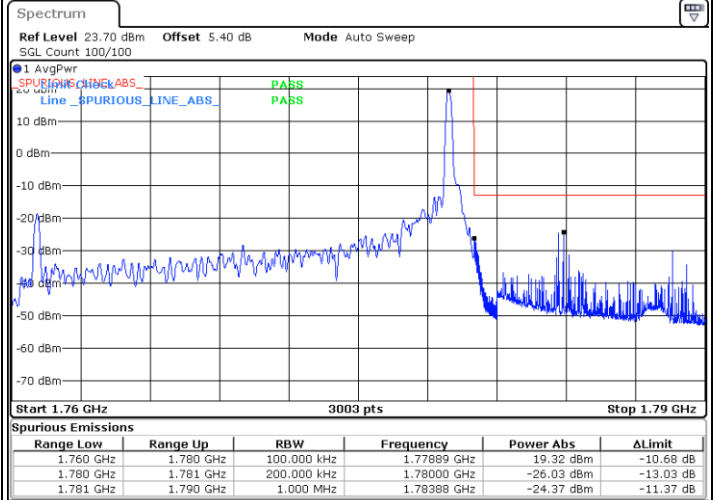


LTE Band 66 / 20MHz / 64QAM

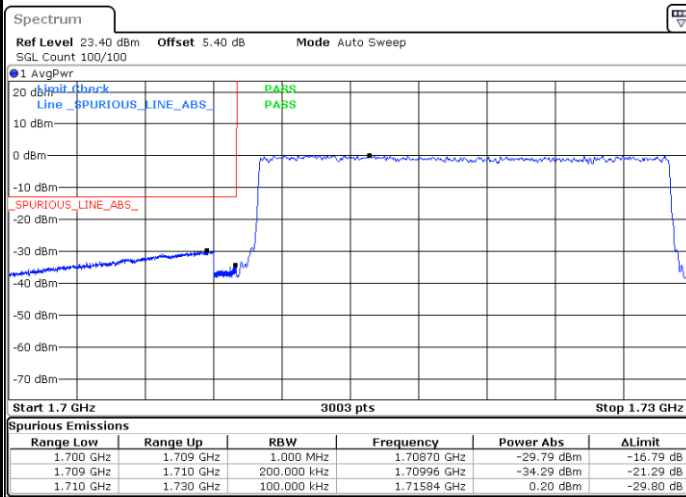
Lowest Band Edge / 1 RB



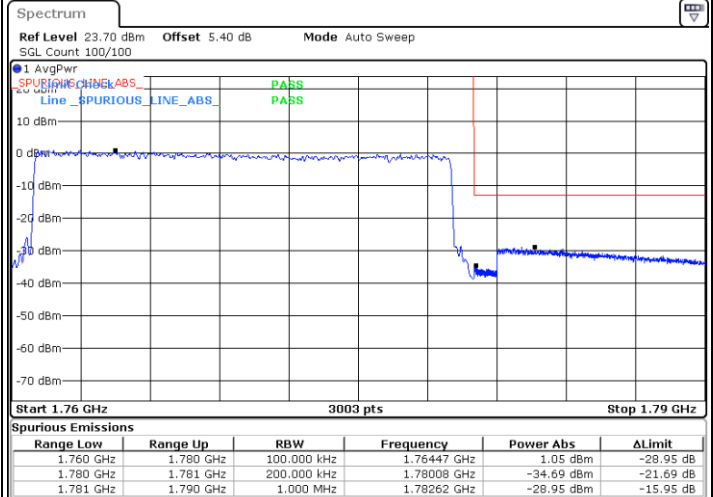
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



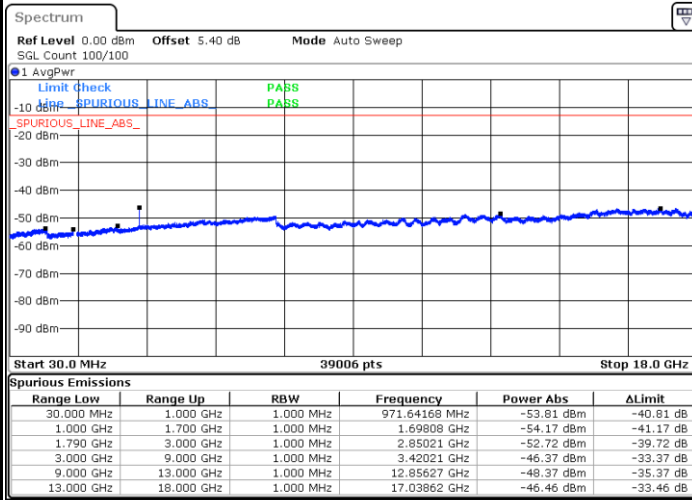


Conducted Spurious Emission



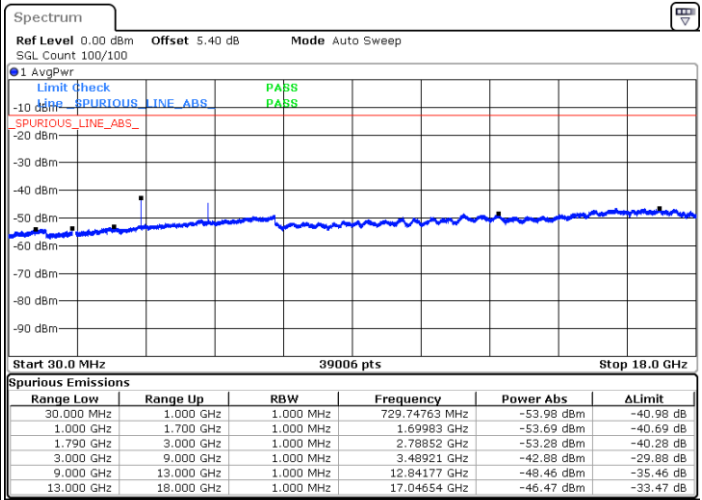
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



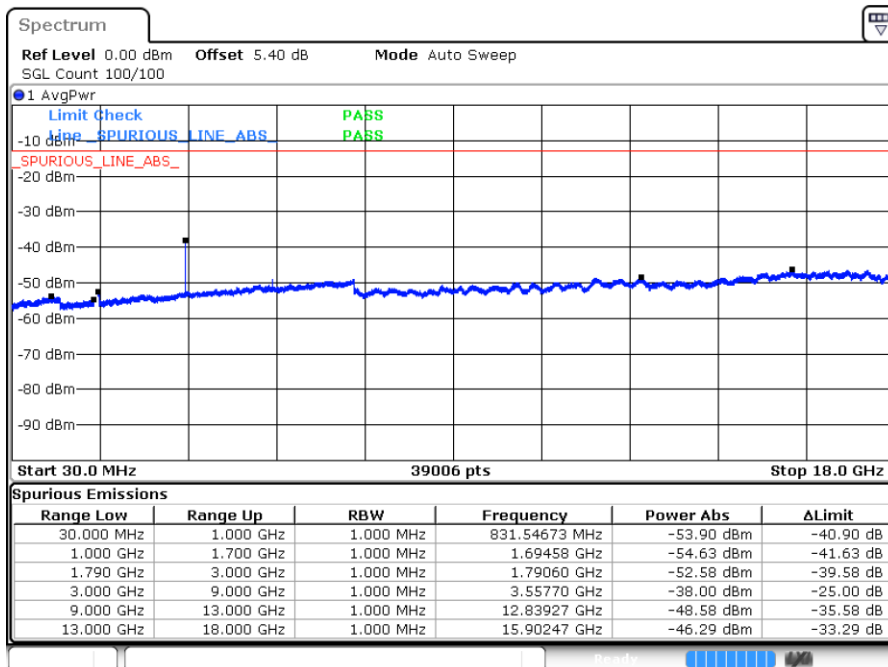
Date: 8 MAY 2021 16:15:30

Middle Channel / QPSK



Date: 8 MAY 2021 16:14:15

Highest Channel / QPSK

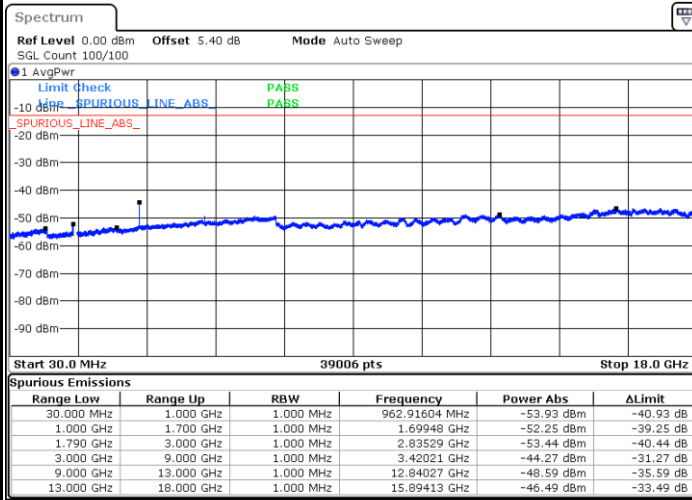


Date: 8 MAY 2021 16:10:13



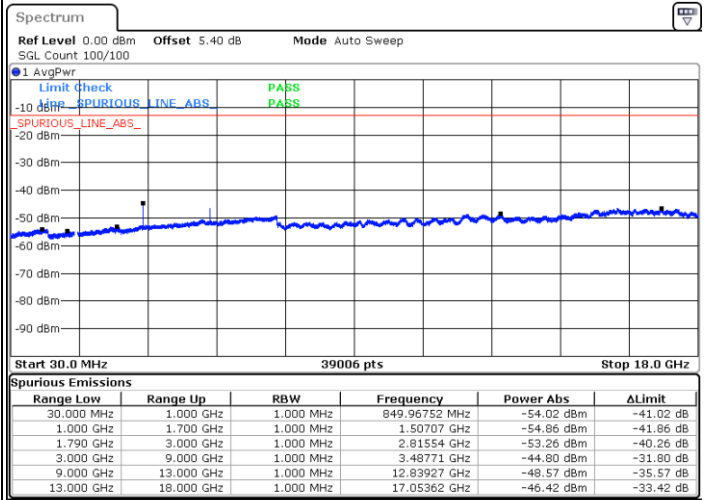
LTE Band 66 / 3MHz

Lowest Channel / QPSK



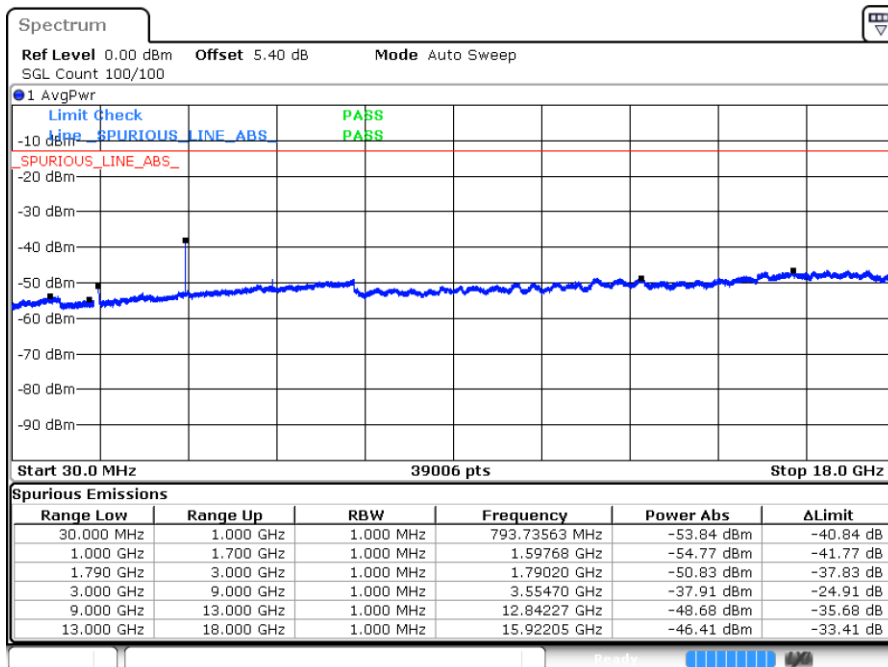
Date: 8 MAY 2021 16:36:25

Middle Channel / QPSK



Date: 8 MAY 2021 16:35:31

Highest Channel / QPSK

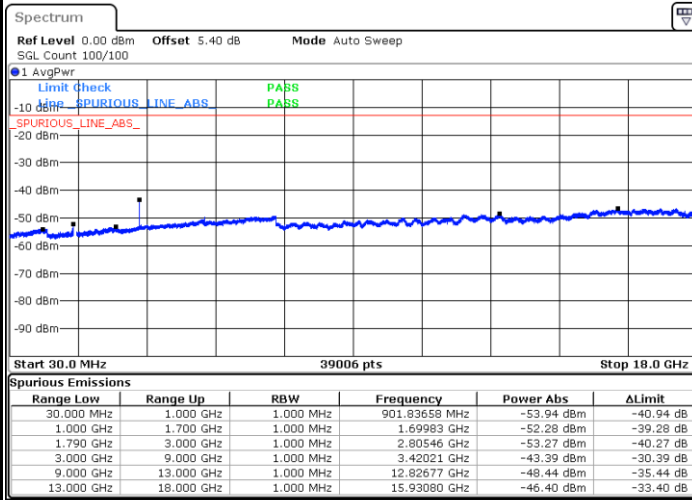


Date: 8 MAY 2021 16:28:59



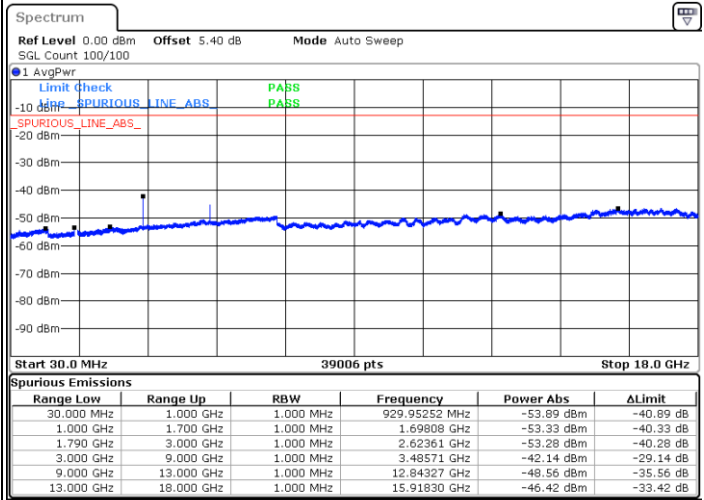
LTE Band 66 / 5MHz

Lowest Channel / QPSK



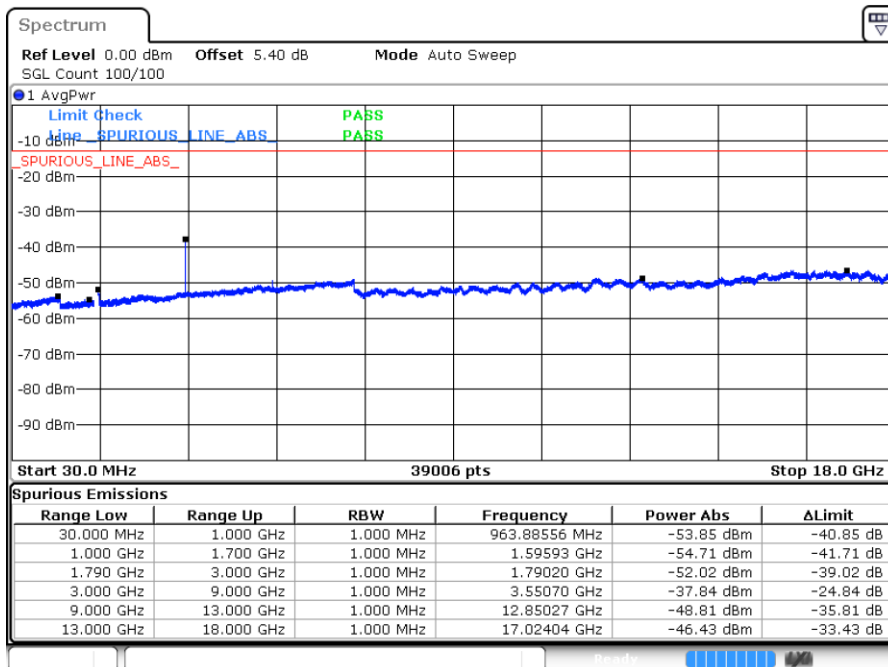
Date: 8 MAY 2021 17:10:15

Middle Channel / QPSK



Date: 8 MAY 2021 17:00:23

Highest Channel / QPSK

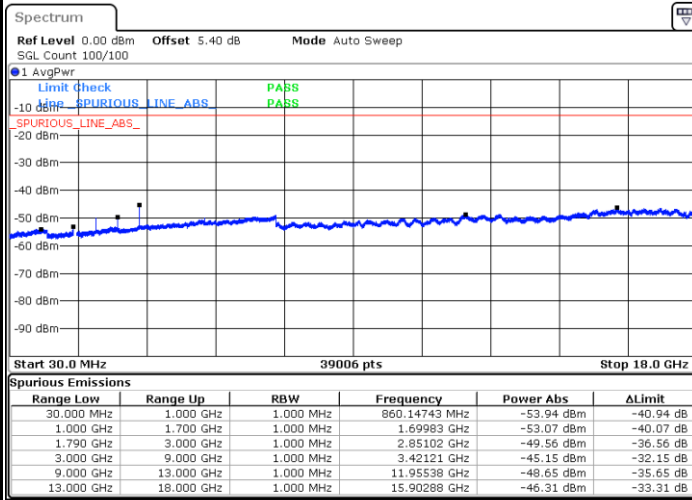


Date: 8 MAY 2021 17:01:17



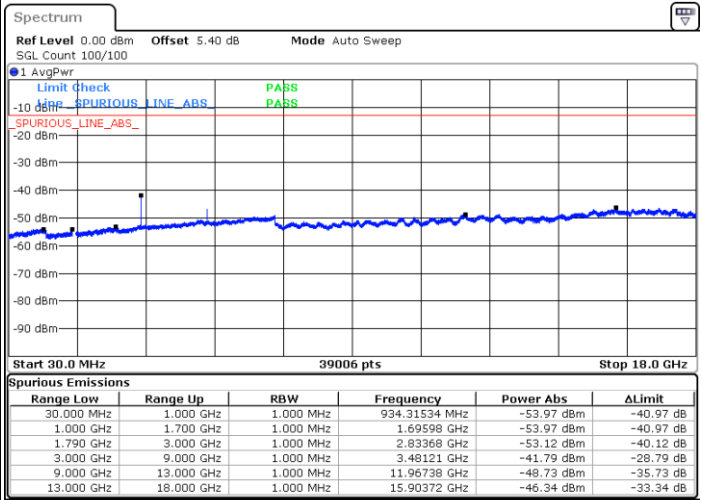
LTE Band 66 / 10MHz

Lowest Channel / QPSK



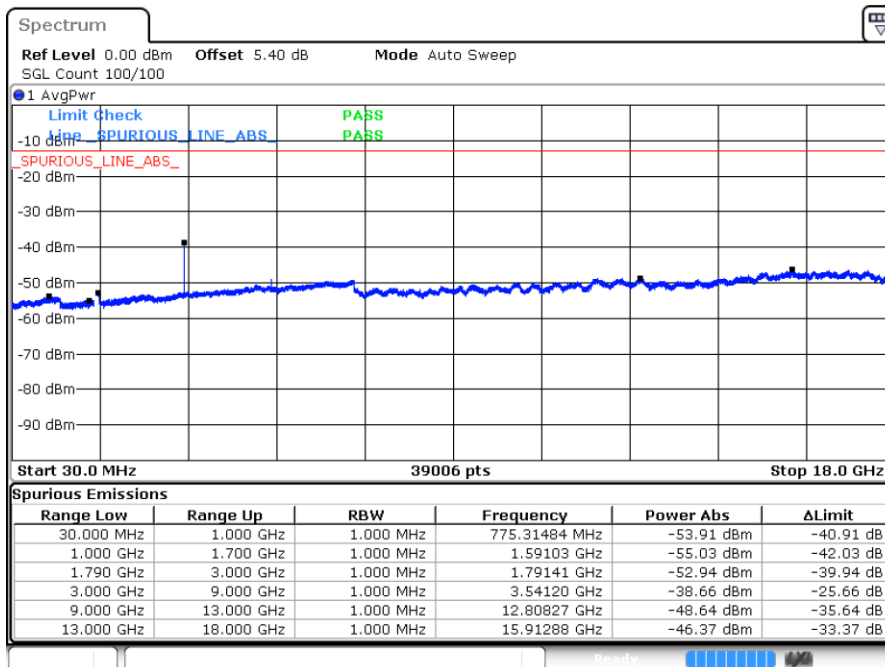
Date: 8 MAY 2021 17:17:53

Middle Channel / QPSK



Date: 8 MAY 2021 17:15:08

Highest Channel / QPSK

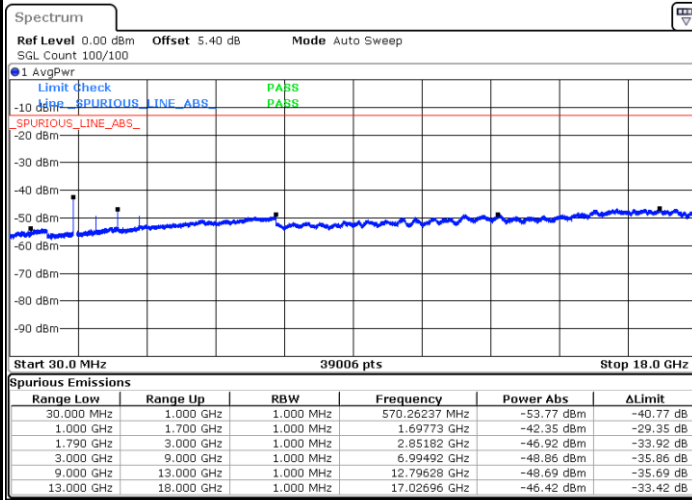


Date: 8 MAY 2021 17:16:02



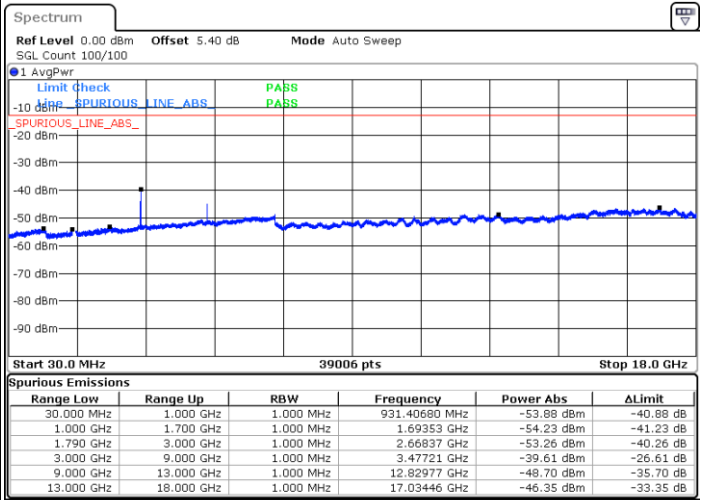
LTE Band 66 / 15MHz

Lowest Channel / QPSK



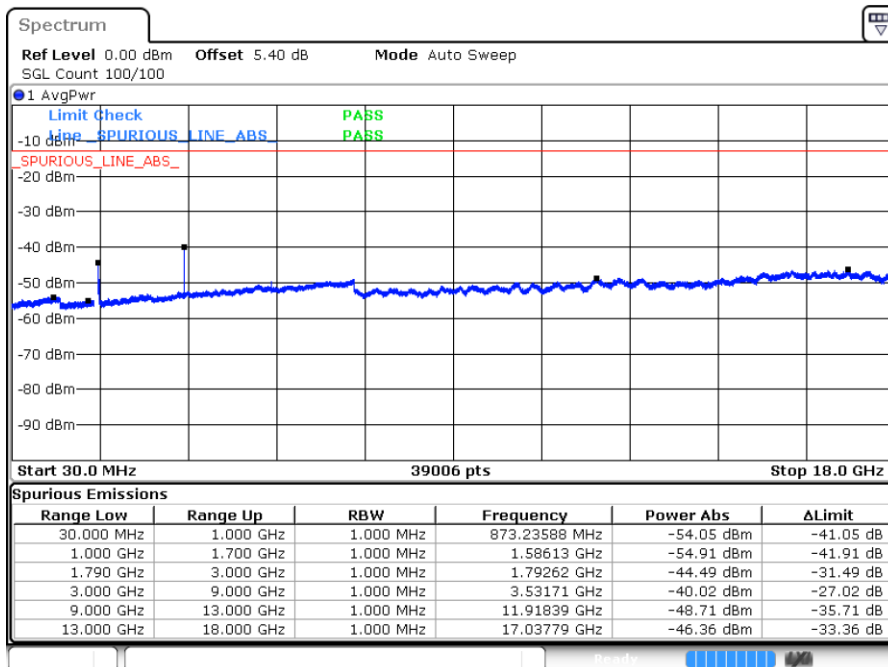
Date: 8 MAY 2021 17:38:37

Middle Channel / QPSK



Date: 8 MAY 2021 17:35:13

Highest Channel / QPSK

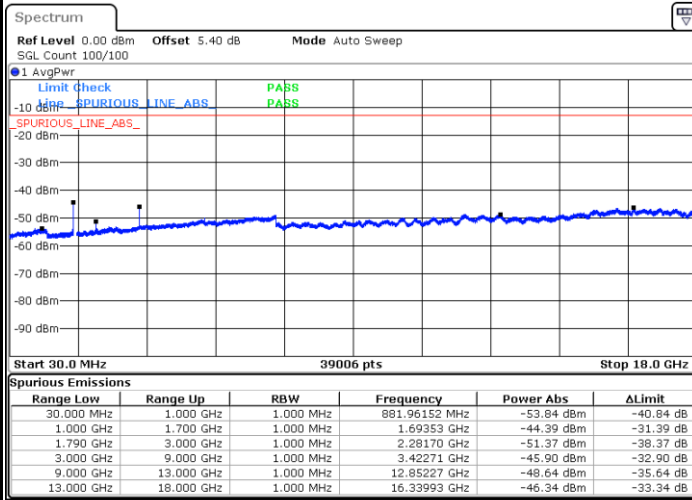


Date: 8 MAY 2021 17:36:07



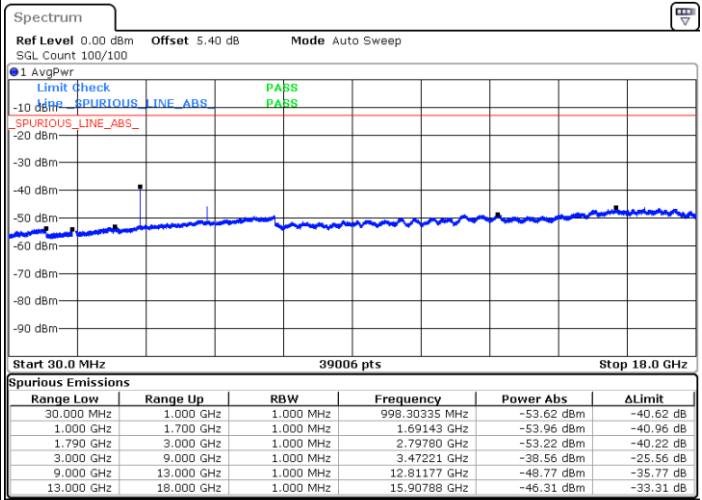
LTE Band 66 / 20MHz

Lowest Channel / QPSK



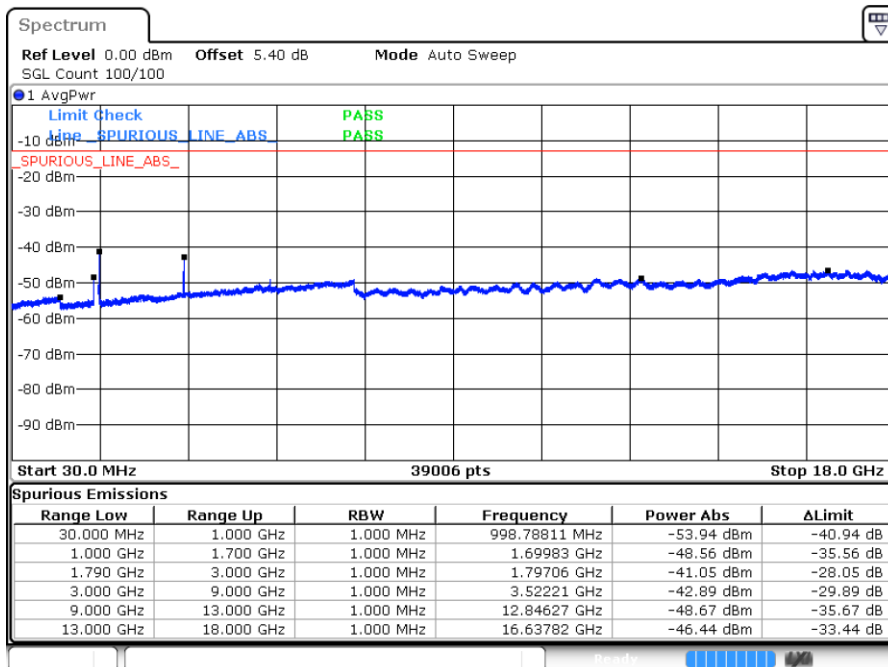
Date: 8 MAY 2021 17:56:10

Middle Channel / QPSK



Date: 8 MAY 2021 17:54:00

Highest Channel / QPSK



Date: 8 MAY 2021 17:54:54

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	0.0000	
20(Ref.)	Normal Voltage	0.0002	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0085	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4V.
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	-49.21	-13	-36.21	-61.47	2.64	14.90	H
	5613	-54.41	-13	-41.41	-66.27	2.94	14.80	H
	7488	-52.22	-13	-39.22	-61.99	3.39	13.16	H
	3741	-39.40	-13	-26.40	-51.66	2.64	14.90	V
	5613	-52.18	-13	-39.18	-64.04	2.94	14.80	V
	7488	-52.31	-13	-39.31	-62.08	3.39	13.16	V

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

LTE Band 5 / 10MHz / 16QAM								
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	1664	-64.66	-13	-51.66	-71.63	1.58	10.70	H
	2496	-61.08	-13	-48.08	-69.33	2.10	12.50	H
	3330	-60.46	-13	-47.46	-69.35	2.86	13.90	H
	4158	-60.78	-13	-47.78	-68.47	3.46	13.30	H
	4992	-52.97	-13	-39.97	-59.73	4.09	13.00	H
	5826	-57.19	-13	-44.19	-64.41	4.73	14.10	H
	1664	-63.97	-13	-50.97	-70.94	1.58	10.70	V
	2496	-59.28	-13	-46.28	-67.53	2.10	12.50	V
	3330	-60.33	-13	-47.33	-69.22	2.86	13.90	V
	4158	-60.73	-13	-47.73	-68.42	3.46	13.30	V
	4992	-51.20	-13	-38.20	-57.96	4.09	13.00	V
	5826	-55.02	-13	-42.02	-62.24	4.73	14.10	V

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



LTE Band 7 / 20MHz / 16QAM								
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	5052	-53.11	-25	-28.11	-63.32	3.03	13.24	H
	7580	-61.32	-25	-36.32	-70.77	3.56	13.01	H
	10100	-59.44	-25	-34.44	-68.96	3.92	13.44	H
	5052	-51.44	-25	-26.44	-61.65	3.03	13.24	V
	7580	-61.55	-25	-36.55	-71.00	3.56	13.01	V
	10100	-59.75	-25	-34.75	-69.27	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	-51.35	-13	-38.35	-62.09	2.604	13.34	H
	5208	-51.17	-13	-38.17	-61.68	3.011	13.52	H
	6948	-53.42	-13	-40.42	-63.62	3.271	13.47	H
	3471	-49.24	-13	-36.24	-59.98	2.604	13.34	V
	5208	-48.50	-13	-35.50	-59.01	3.011	13.52	V
	6948	-54.11	-13	-41.11	-64.31	3.271	13.47	V

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