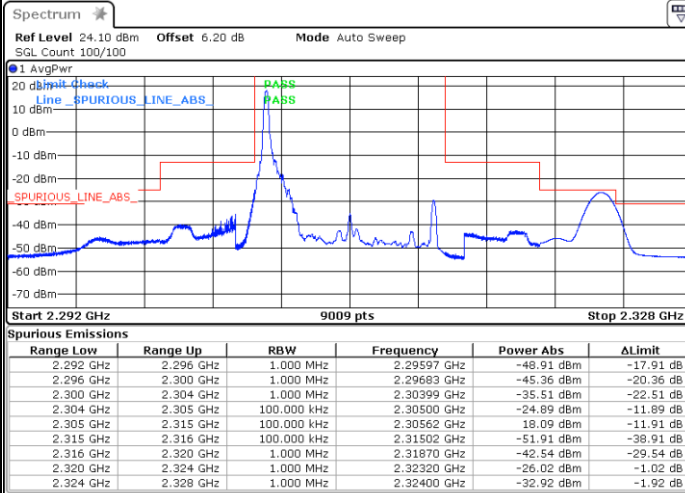


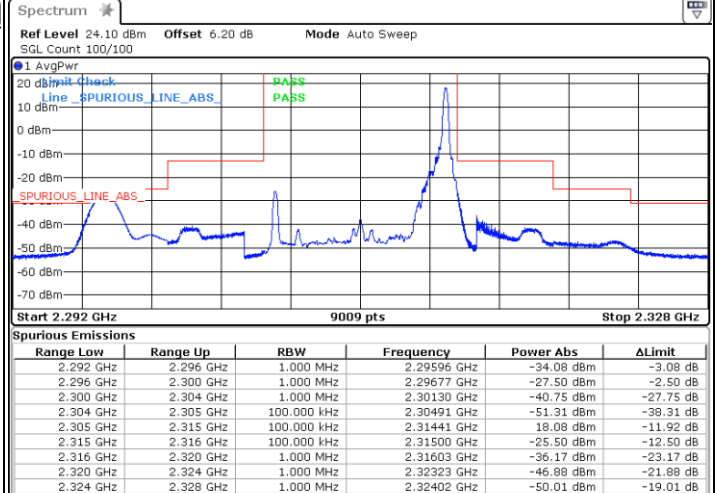
LTE Band 30 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

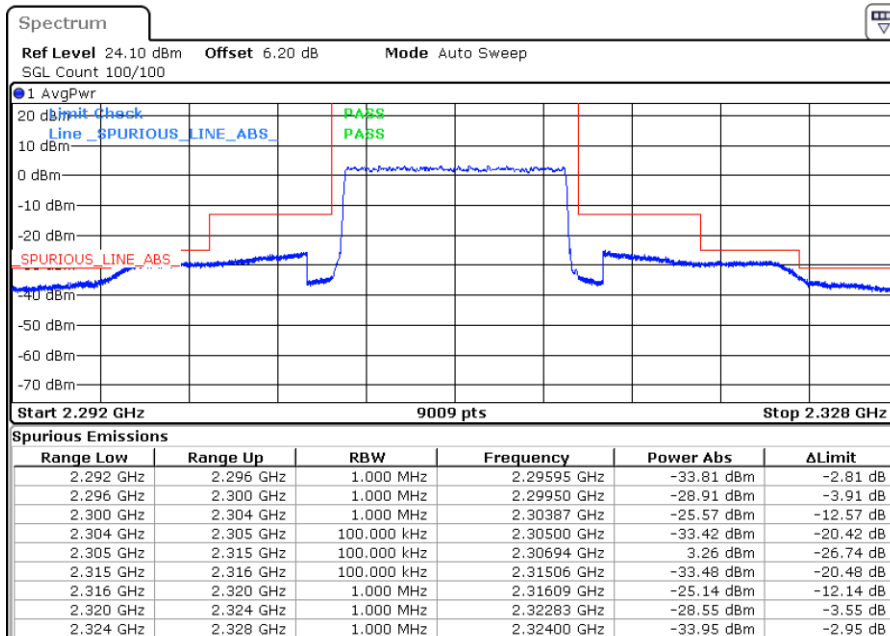


Date: 26 MAR 2020 09:20:33



Date: 26 MAR 2020 09:24:40

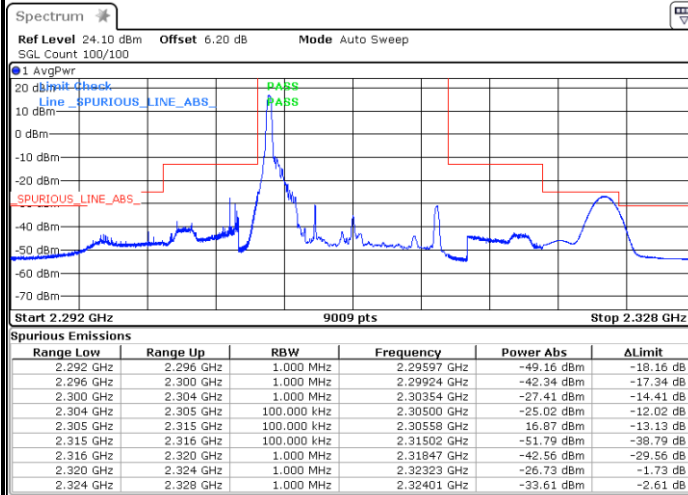
Band Edge / Full RB



Date: 26 MAR 2020 09:25:03

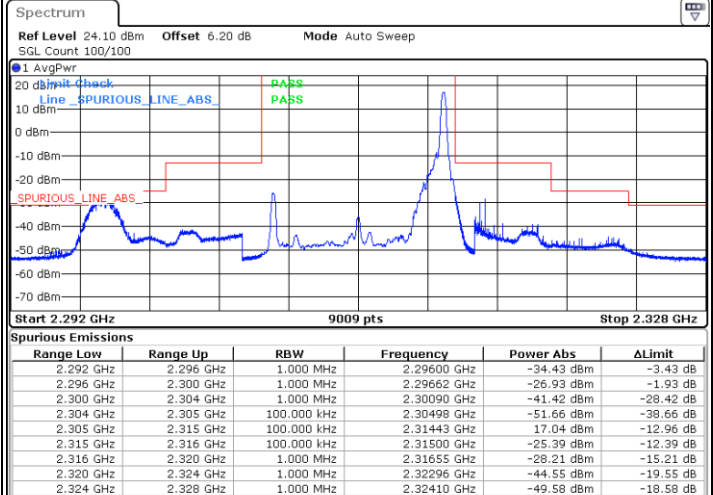
LTE Band 30 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



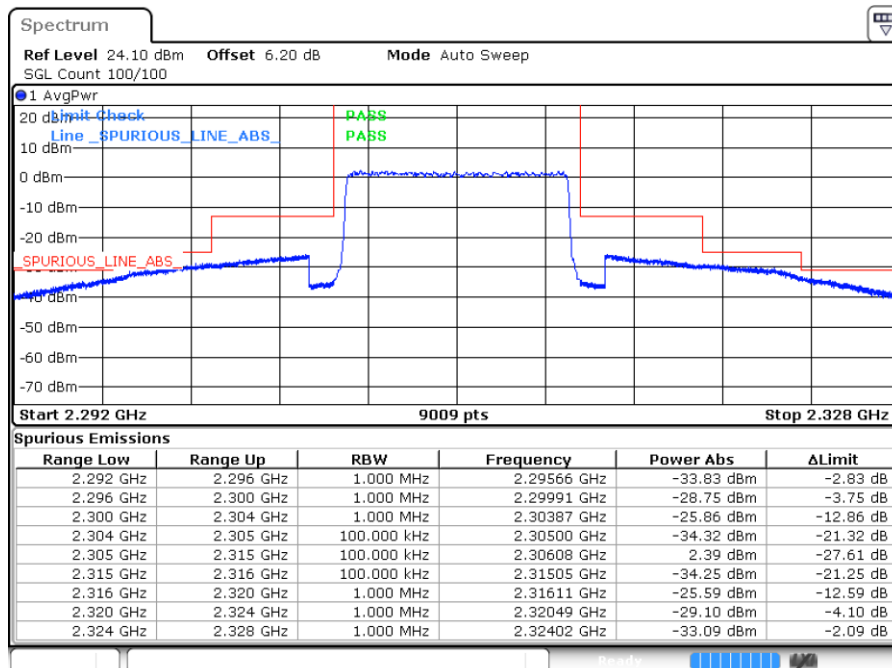
Date: 26 MAR 2020 09:23:20

Highest Band Edge / 1 RB



Date: 26 MAR 2020 09:23:54

Band Edge / Full RB

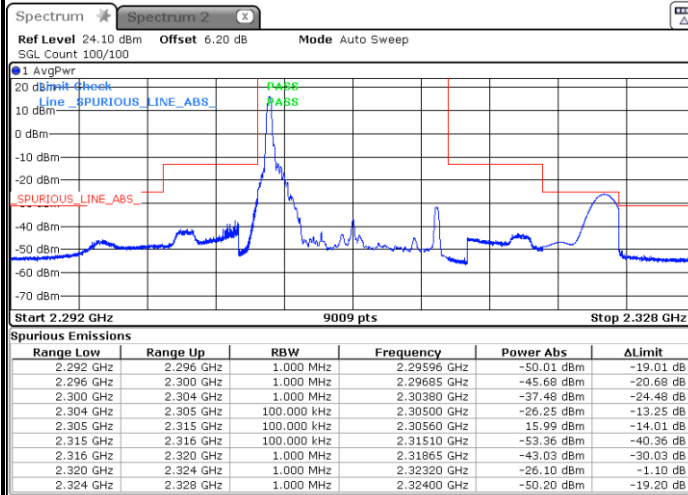


Date: 26 MAR 2020 09:25:25



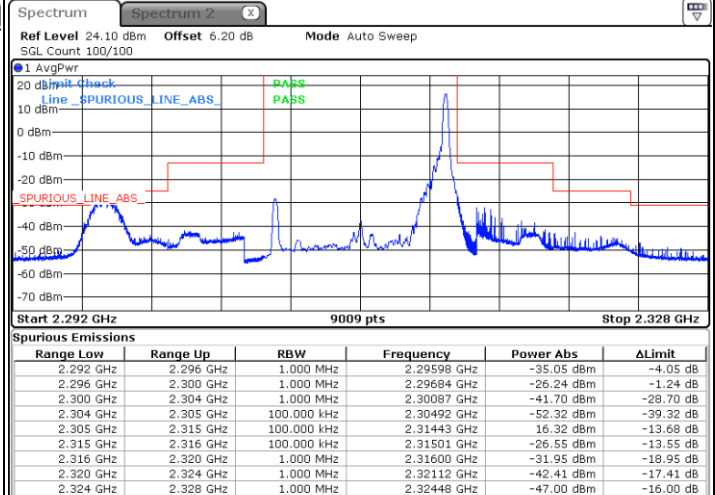
LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



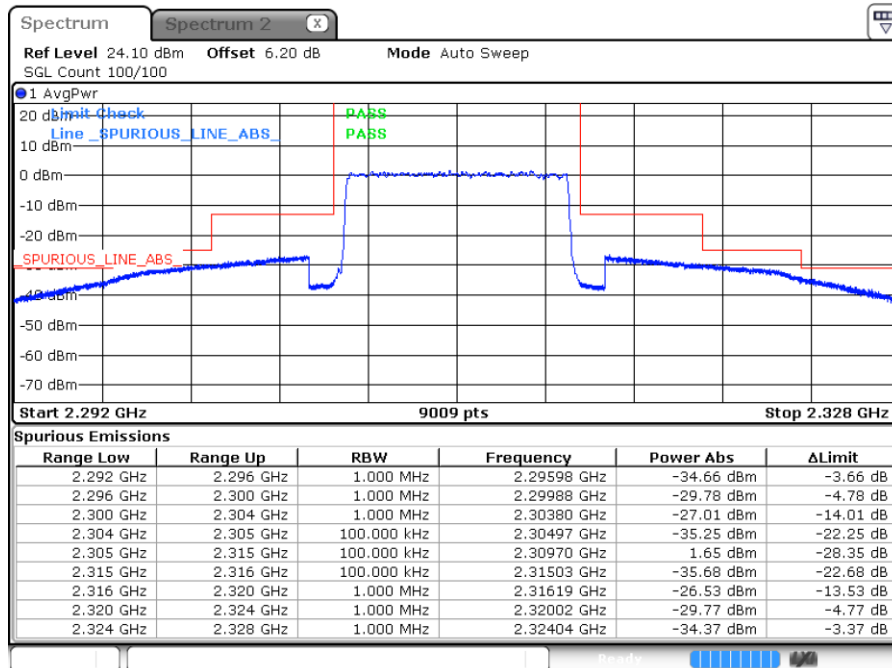
Date: 31.MAR.2020 23:39:58

Highest Band Edge / 1 RB



Date: 31.MAR.2020 16:08:14

Band Edge / Full RB

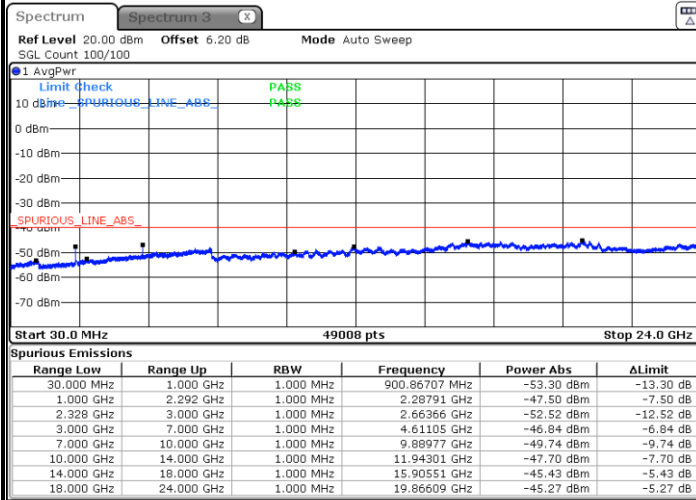


Date: 31.MAR.2020 16:06:40

Conducted Spurious Emission

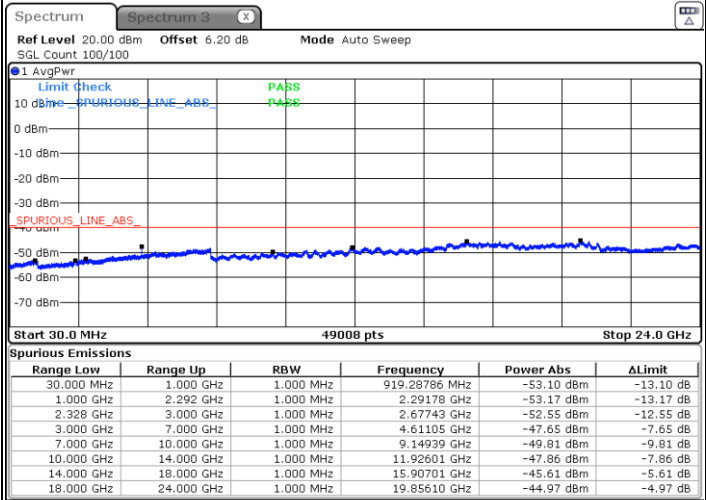
LTE Band 30 / 5MHz

Lowest Channel / QPSK



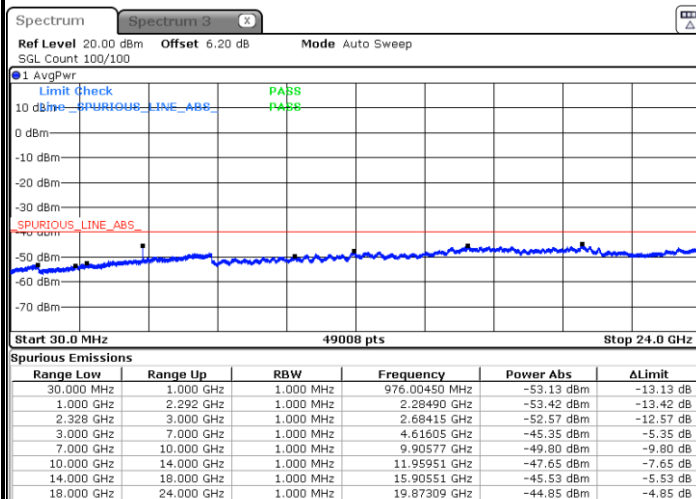
Date: 6 FEB 2020 16:21:12

Lowest Channel / 16QAM



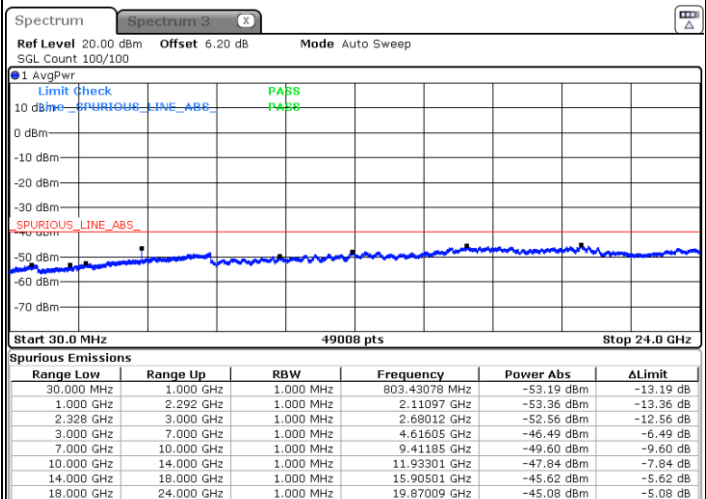
Date: 6 FEB 2020 16:22:37

Middle Channel / QPSK



Date: 6 FEB 2020 16:24:12

Middle Channel / 16QAM

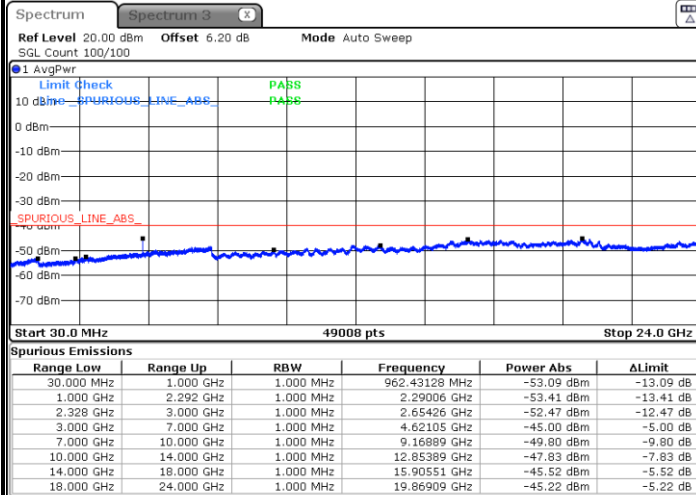


Date: 6 FEB 2020 16:26:45



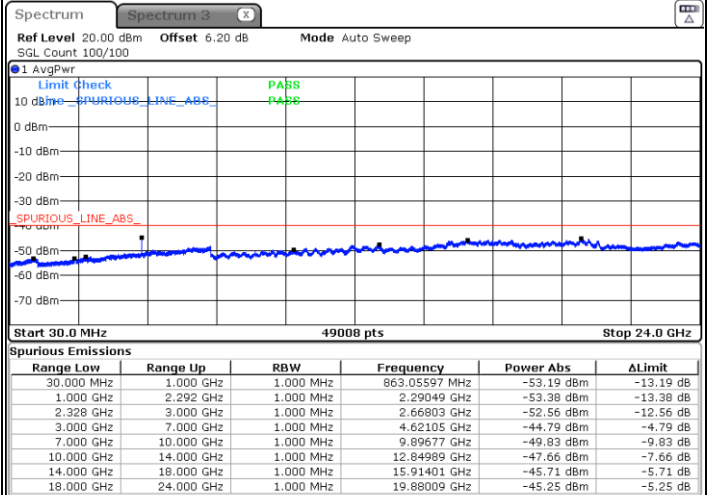
LTE Band 30 / 5MHz

Highest Channel / QPSK



Date: 6 FEB 2020 16:34:39

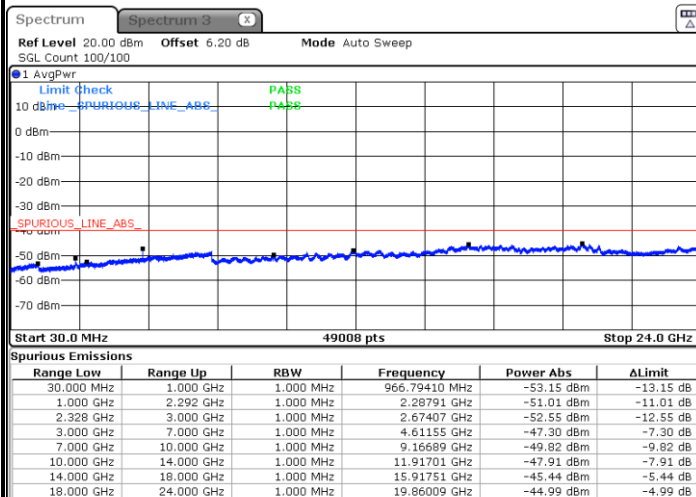
Highest Channel / 16QAM



Date: 6 FEB 2020 16:33:50

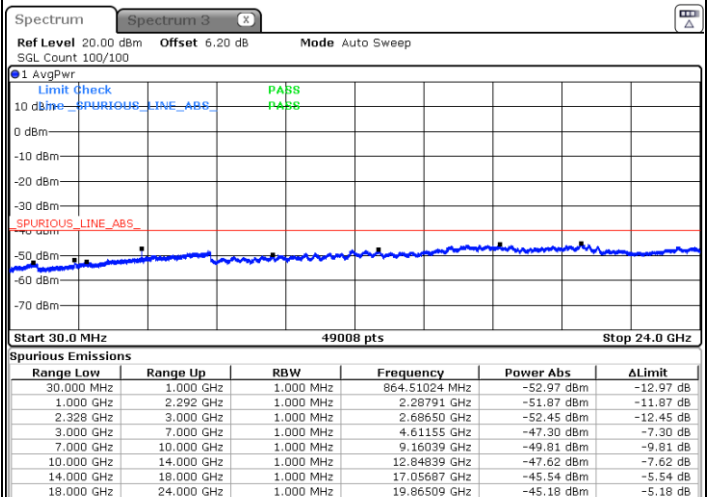
LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 6 FEB 2020 16:40:05

Middle Channel / 16QAM

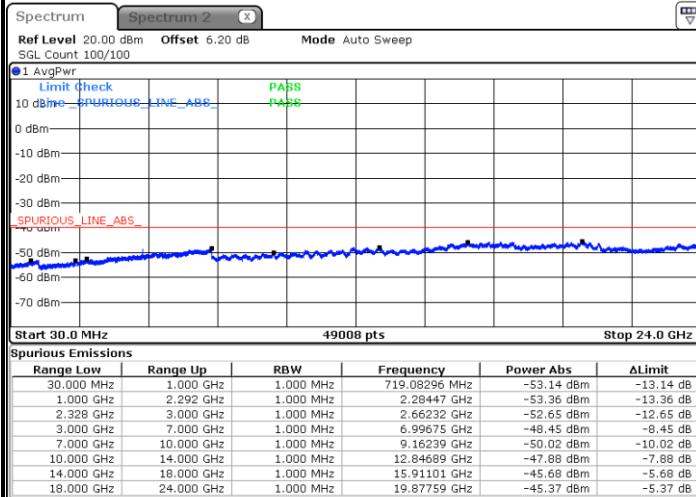


Date: 6 FEB 2020 16:41:11



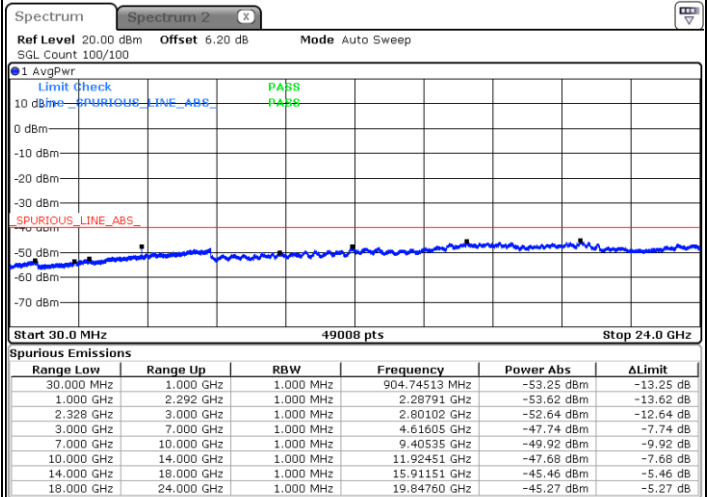
LTE Band 30 / 5MHz

Lowest Channel / 64QAM



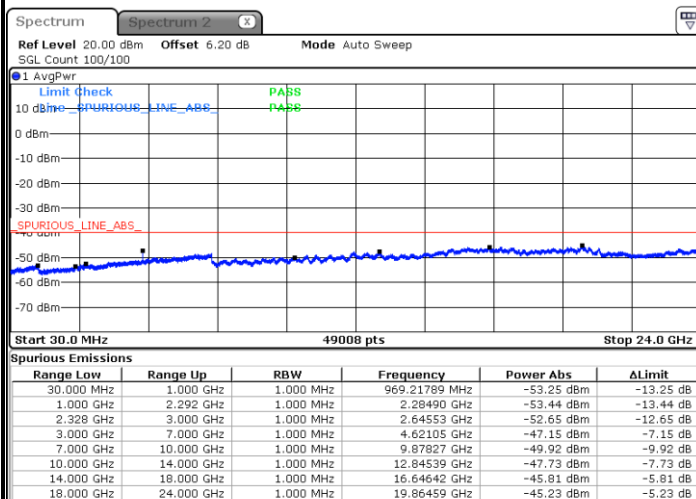
Date: 31 MAR 2020 15:56:58

Middle Channel / 64QAM



Date: 31 MAR 2020 15:57:58

Highest Channel / 64QAM

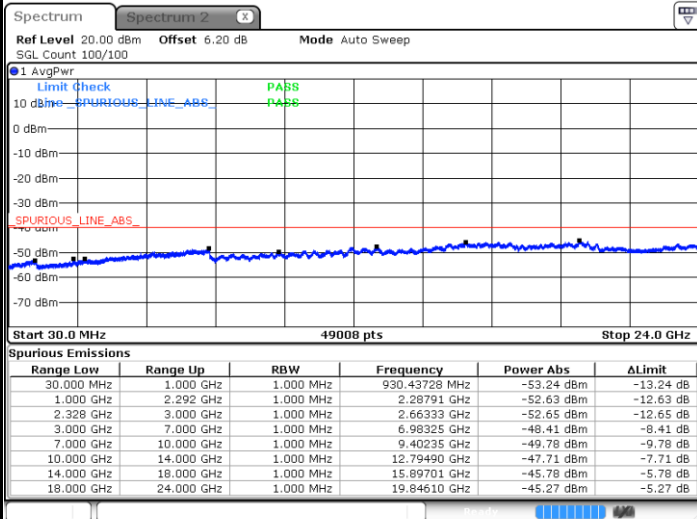


Date: 31 MAR 2020 16:02:09



LTE Band 30 / 10MHz

Middle Channel / 64QAM



Date: 31 MAR 2020 16:07:47

Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4.3 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 30 / 10MHz / QPSK / RB Size 1 Offset 0								
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	4612	-60.73	-40	-20.73	-72.19	2.84	14.30	H
	6916.77	-62.70	-40	-22.70	-72.64	3.49	13.43	H
	9220	-55.97	-40	-15.97	-66.21	3.85	14.09	H
	11530	-56.65	-40	-16.65	-66.21	4.27	13.83	H
	13830	-53.03	-40	-13.03	-62.86	4.54	14.37	H
	4612	-60.01	-40	-20.01	-71.47	2.84	14.30	V
	6916.77	-62.52	-40	-22.52	-72.46	3.49	13.43	V
	9220	-54.44	-40	-14.44	-64.68	3.85	14.09	V

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