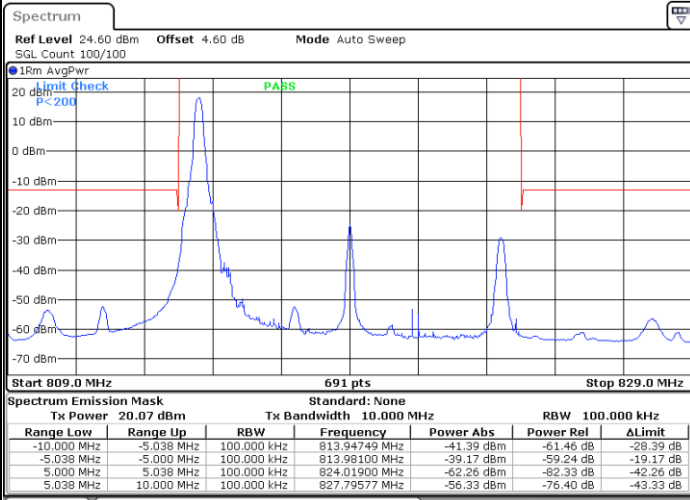




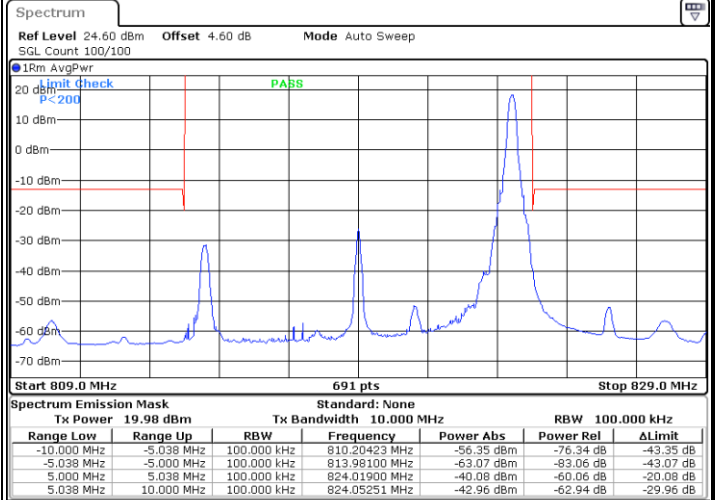
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

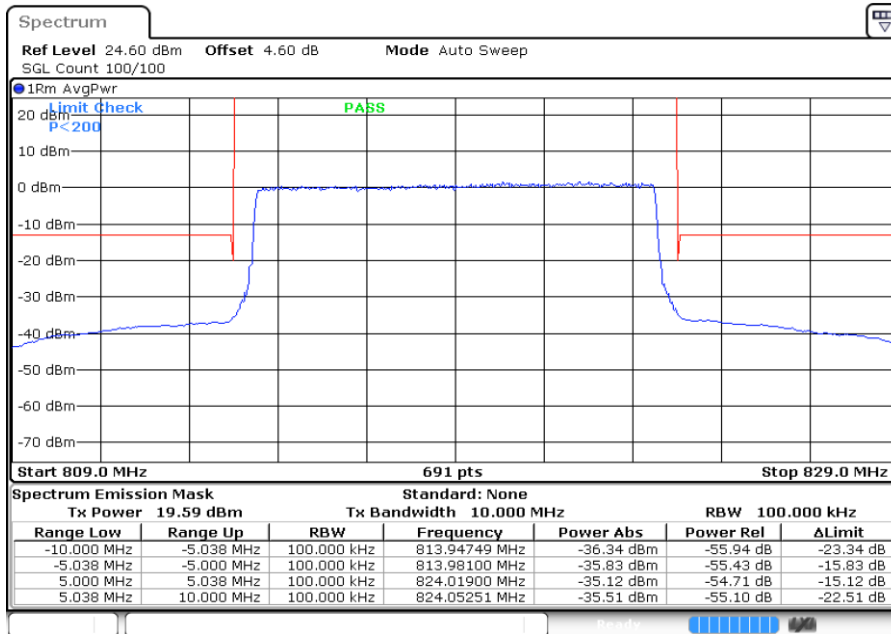


Date: 17.JAN.2020 13:53:02



Date: 17.JAN.2020 13:59:51

Band Edge / Full RB

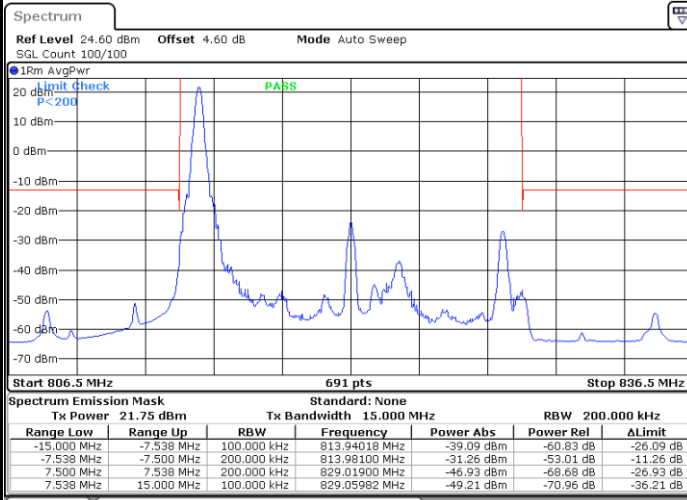


Date: 17.JAN.2020 13:56:26



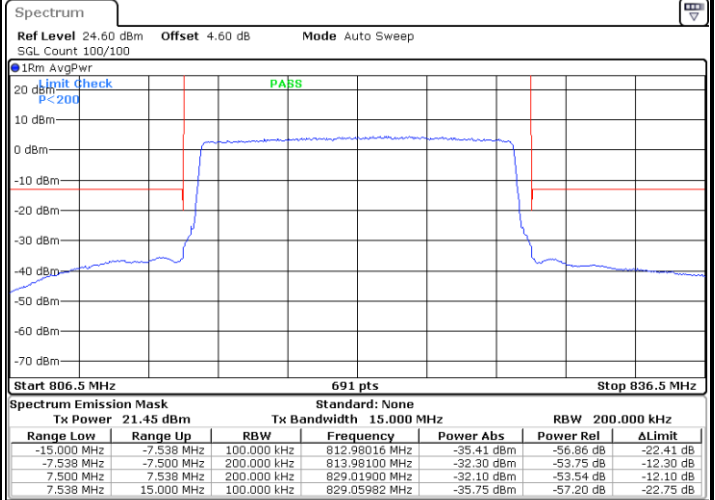
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 17.JAN.2020 14:02:37

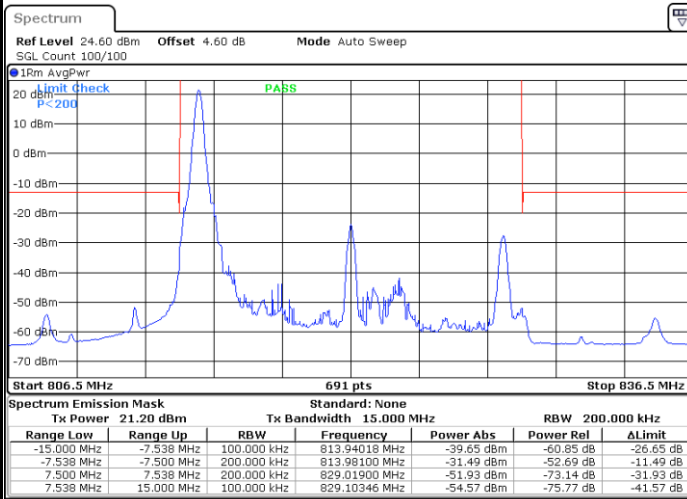
Lowest Band Edge / Full RB



Date: 17.JAN.2020 14:06:02

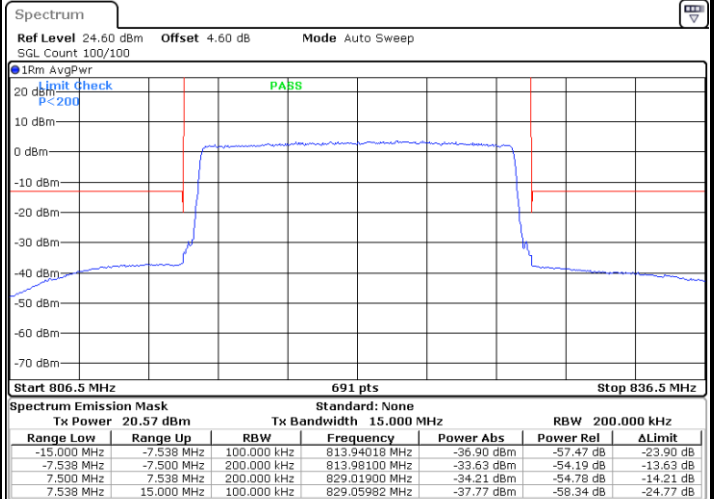
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

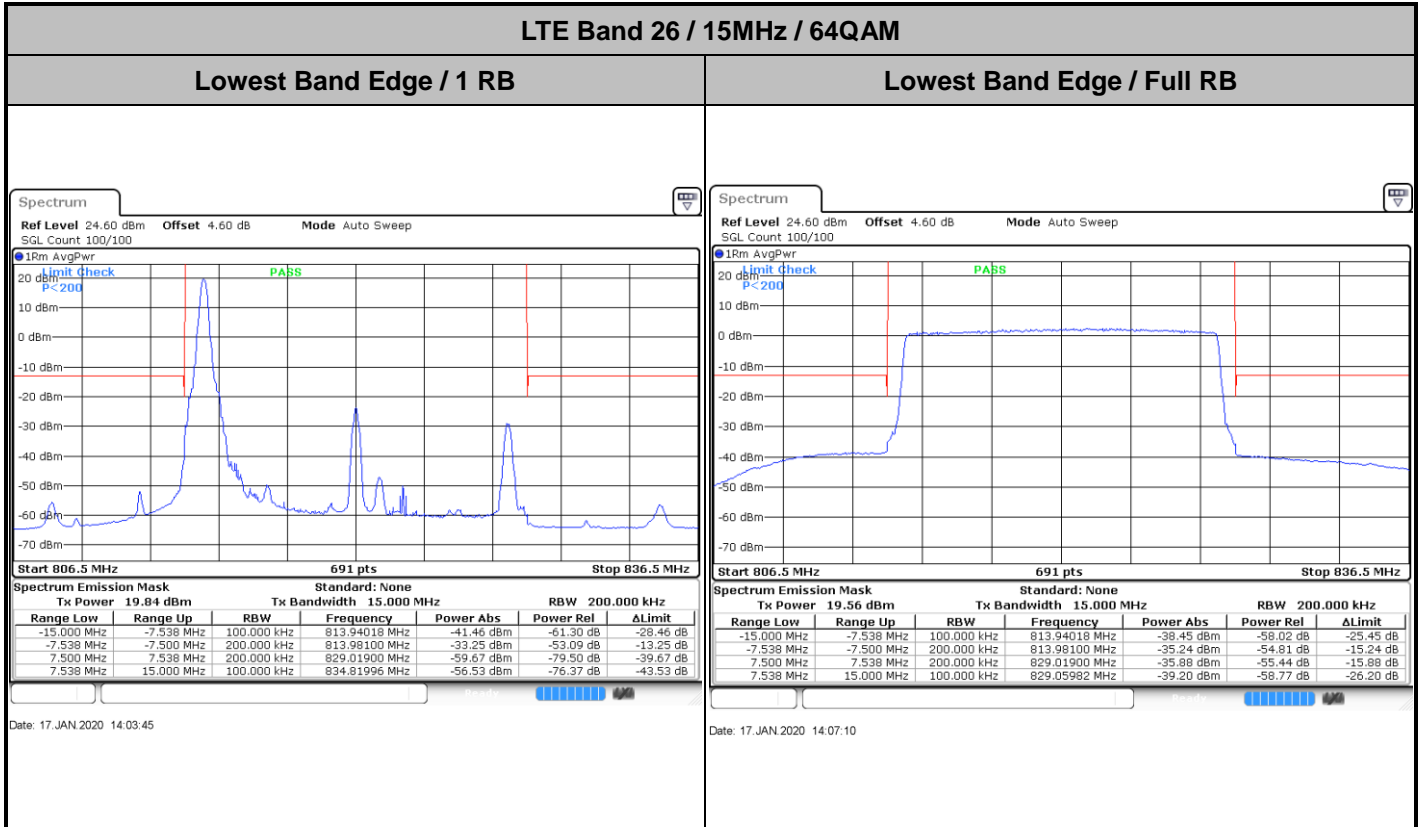


Date: 17.JAN.2020 14:01:29

Lowest Band Edge / Full RB

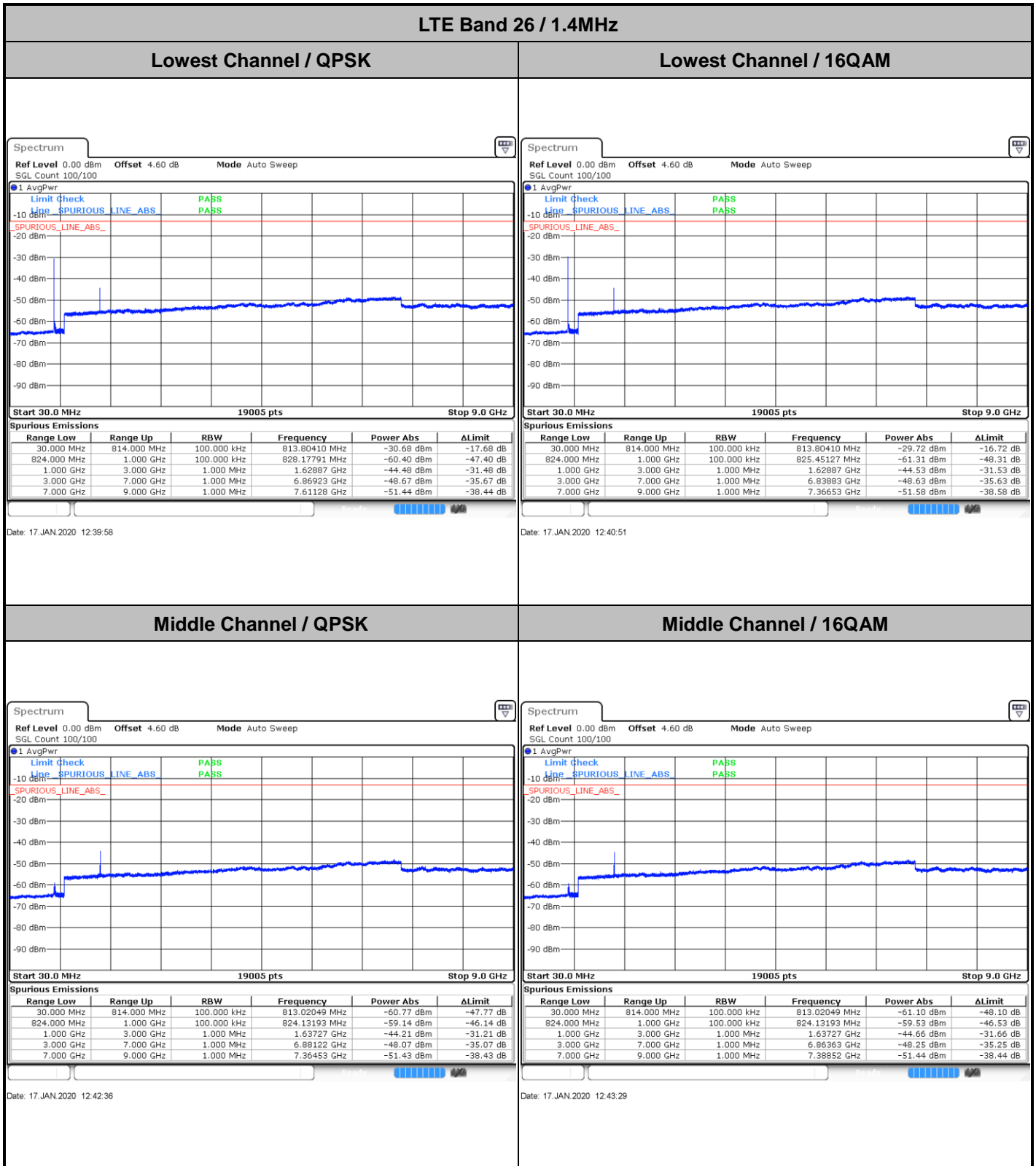


Date: 17.JAN.2020 14:04:54





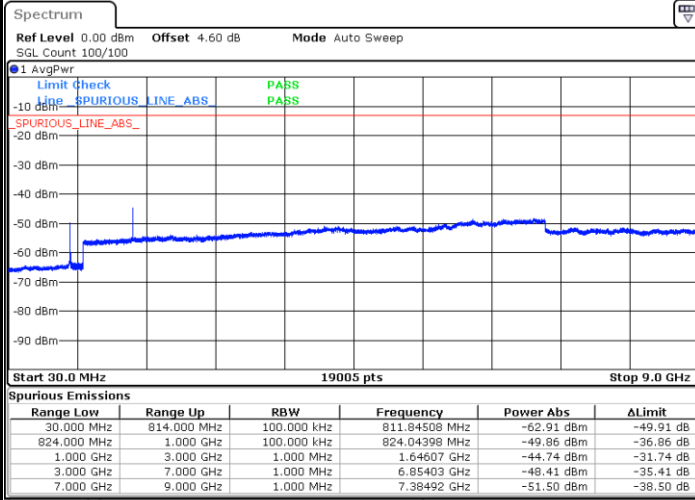
Conducted Spurious Emission





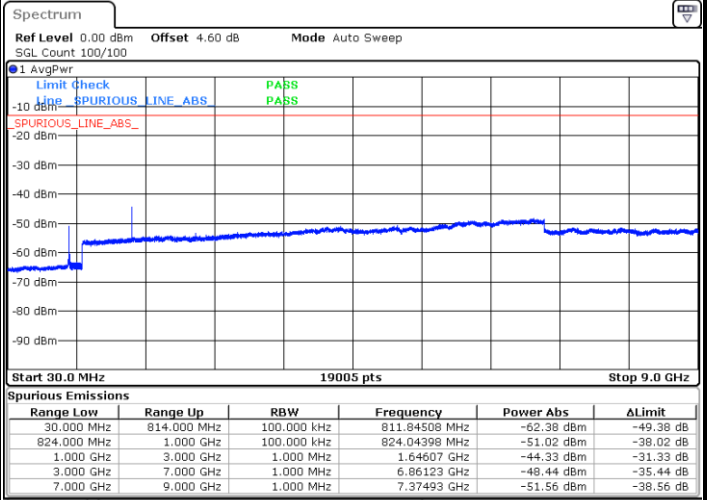
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 17.JAN.2020 12:45:14

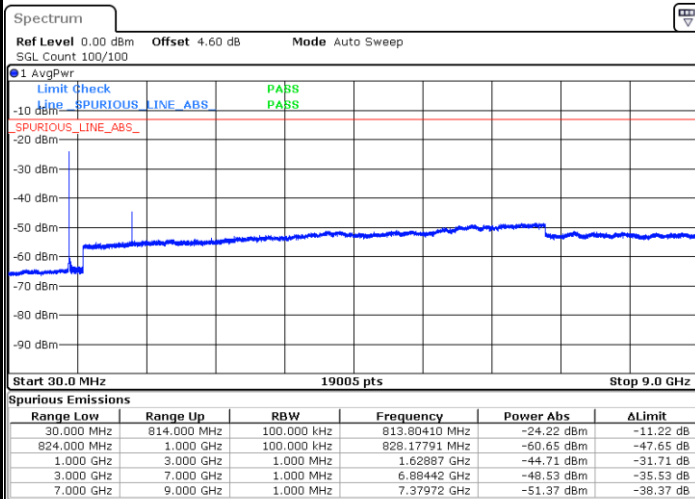
Highest Channel / 16QAM



Date: 17.JAN.2020 12:46:06

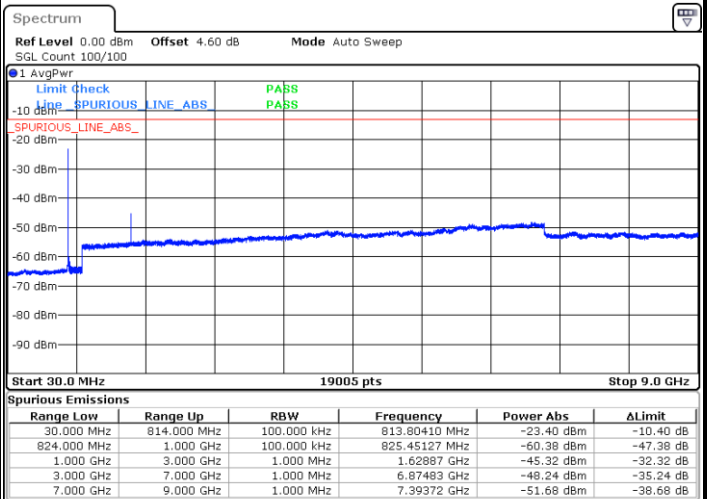
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 17.JAN.2020 13:02:50

Lowest Channel / 16QAM



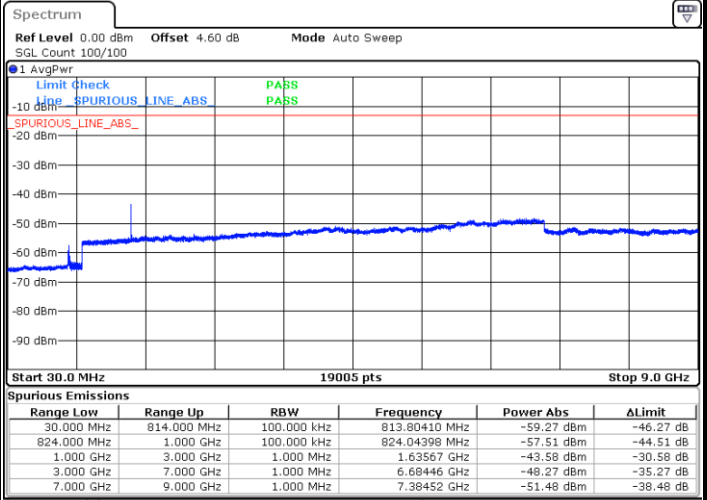
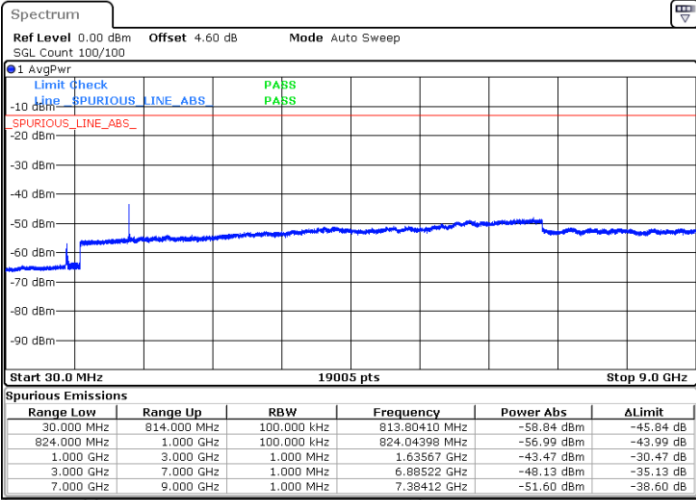
Date: 17.JAN.2020 13:03:43



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

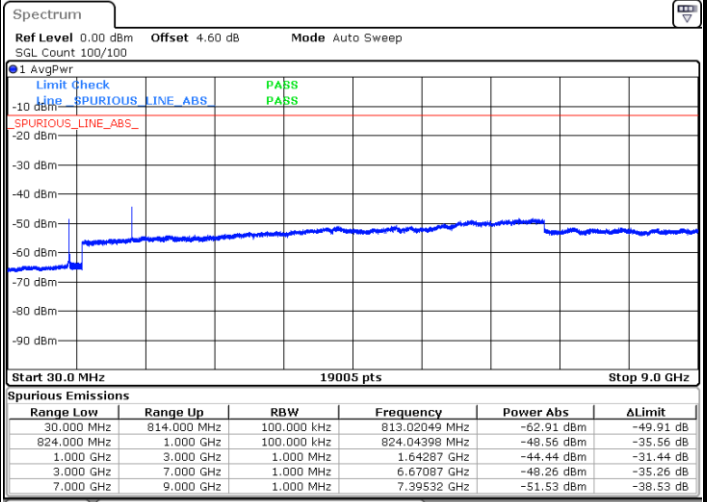
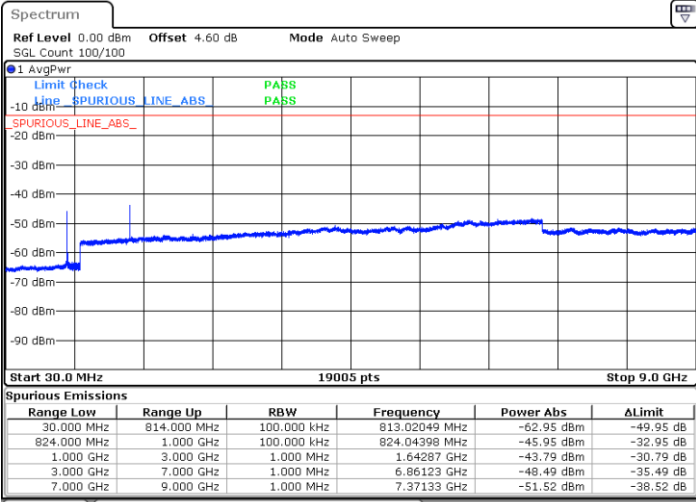


Date: 17.JAN.2020 13:05:28

Date: 17.JAN.2020 13:06:20

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.JAN.2020 13:08:05

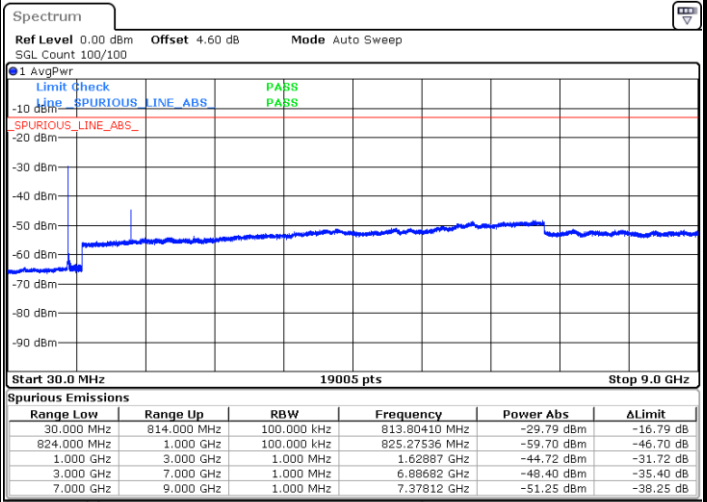
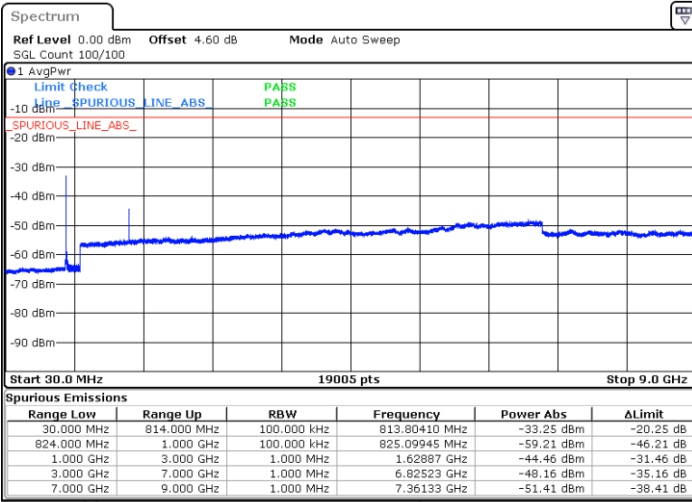
Date: 17.JAN.2020 13:08:58



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

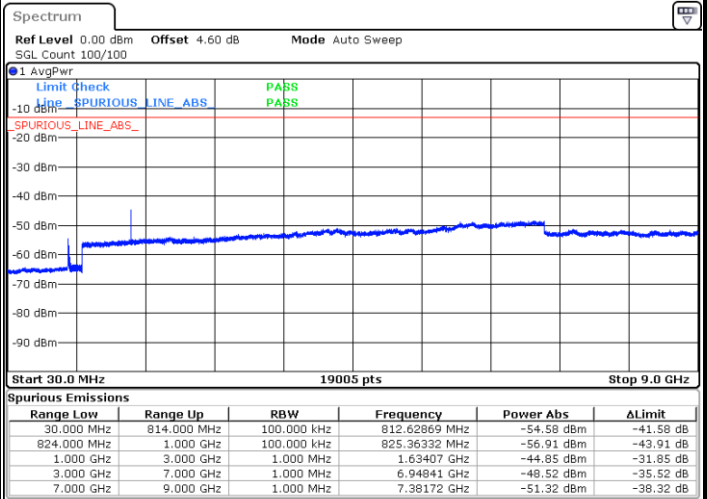
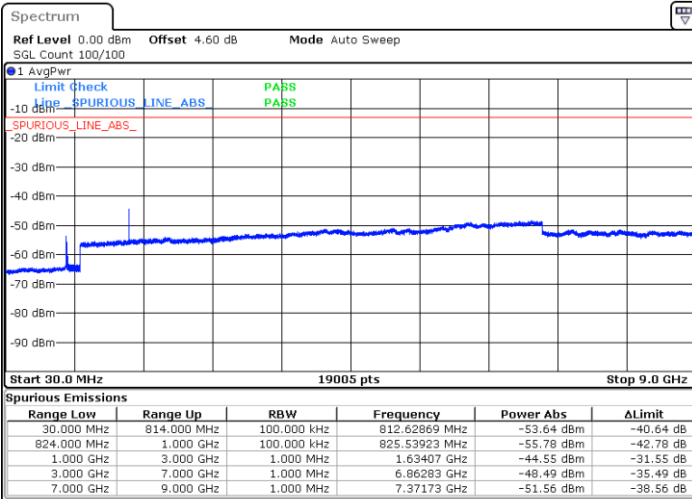


Date: 17.JAN.2020 13:25:51

Date: 17.JAN.2020 13:26:44

Middle Channel / QPSK

Middle Channel / 16QAM



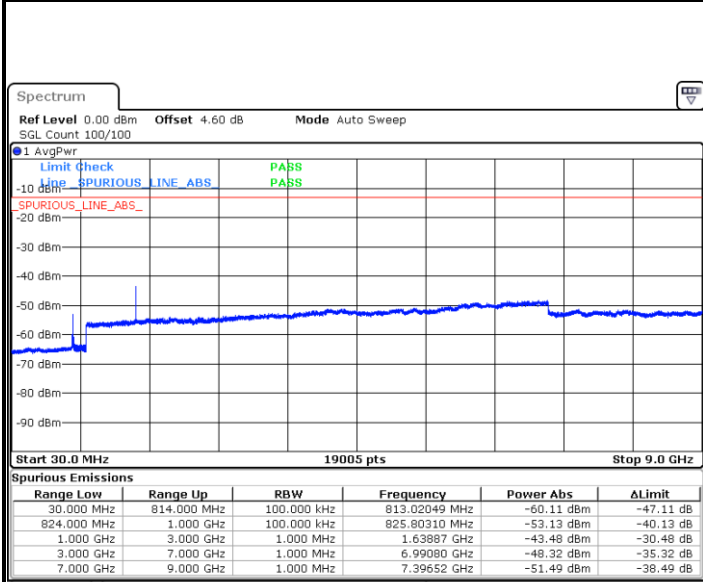
Date: 17.JAN.2020 13:28:29

Date: 17.JAN.2020 13:29:21



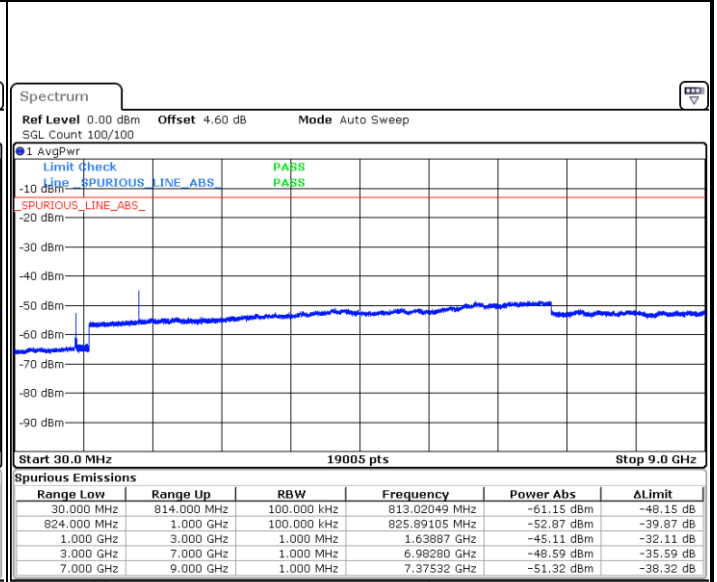
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 17.JAN.2020 13:31:06

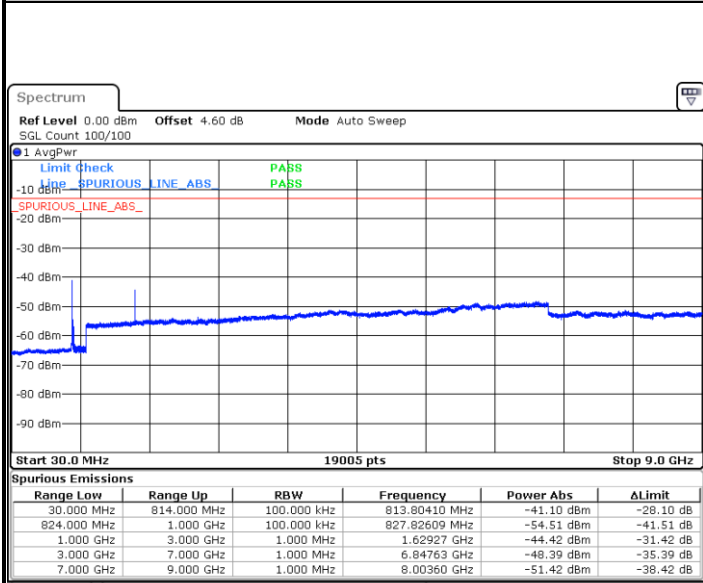
Highest Channel / 16QAM



Date: 17.JAN.2020 13:31:59

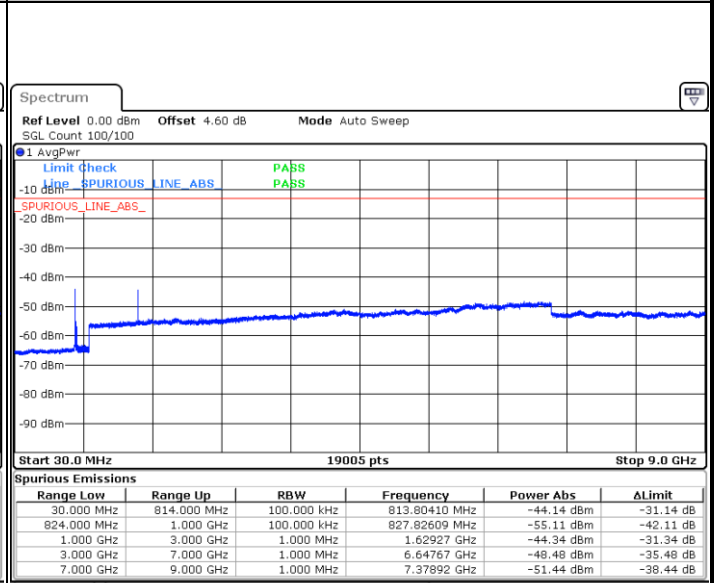
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 17.JAN.2020 13:47:52

Middle Channel / 16QAM



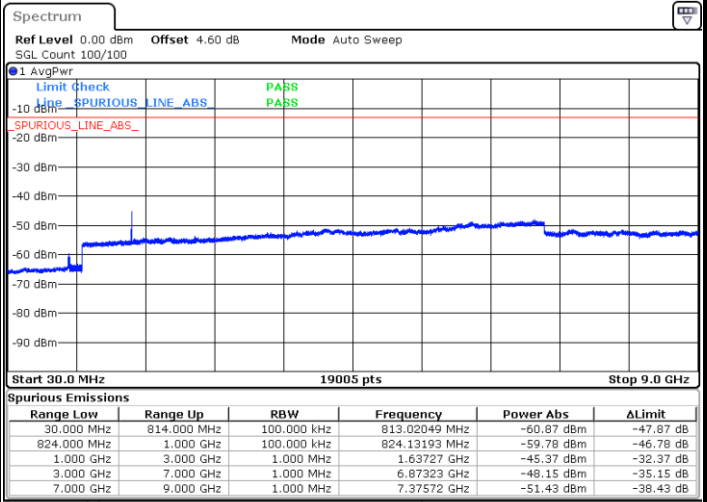
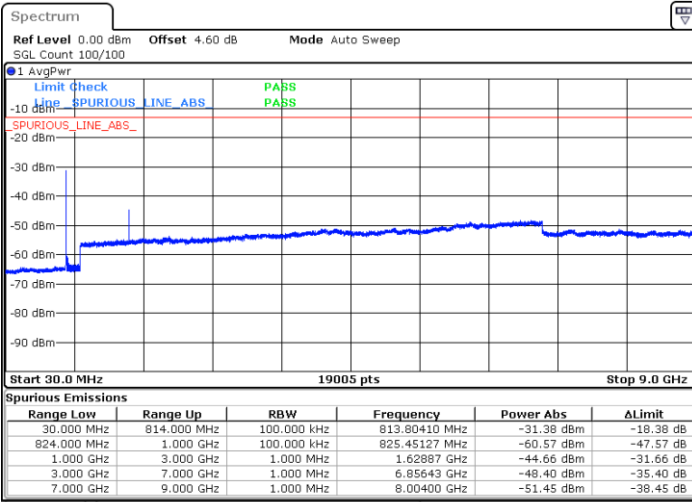
Date: 17.JAN.2020 13:48:45



LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

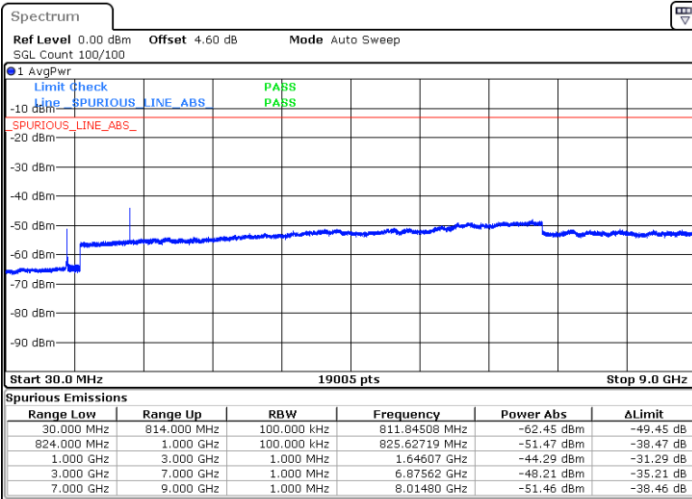
Middle Channel / 64QAM



Date: 17.JAN.2020 12:41:44

Date: 17.JAN.2020 12:44:21

Highest Channel / 64QAM



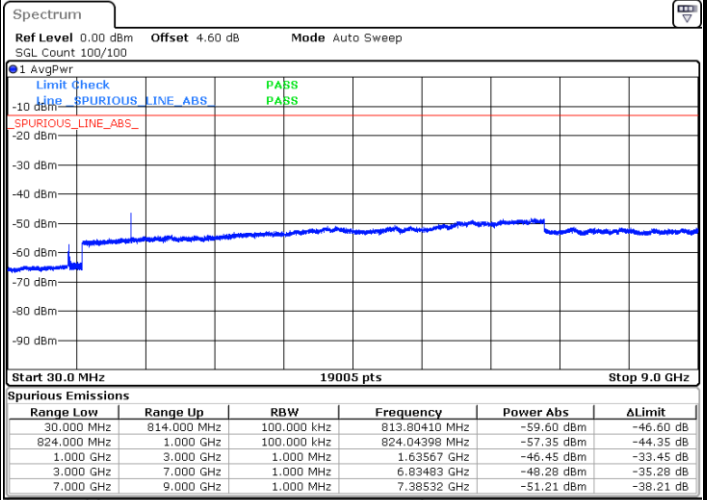
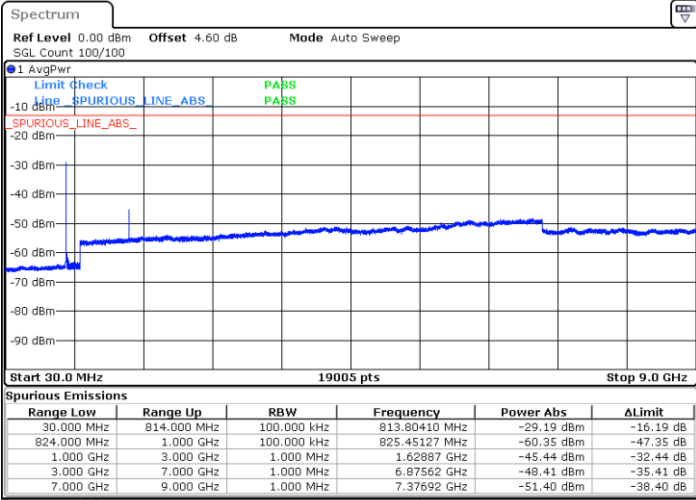
Date: 17.JAN.2020 12:46:58



LTE Band 26 / 3MHz

Lowest Channel / 64QAM

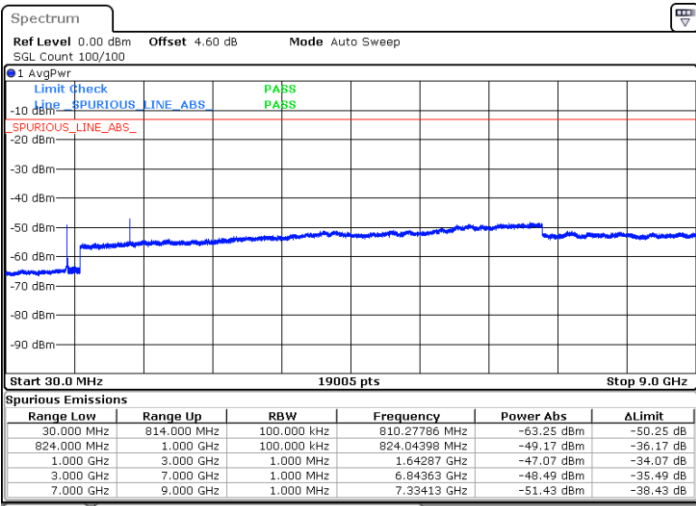
Middle Channel / 64QAM



Date: 17.JAN.2020 13:04:35

Date: 17.JAN.2020 13:07:13

Highest Channel / 64QAM

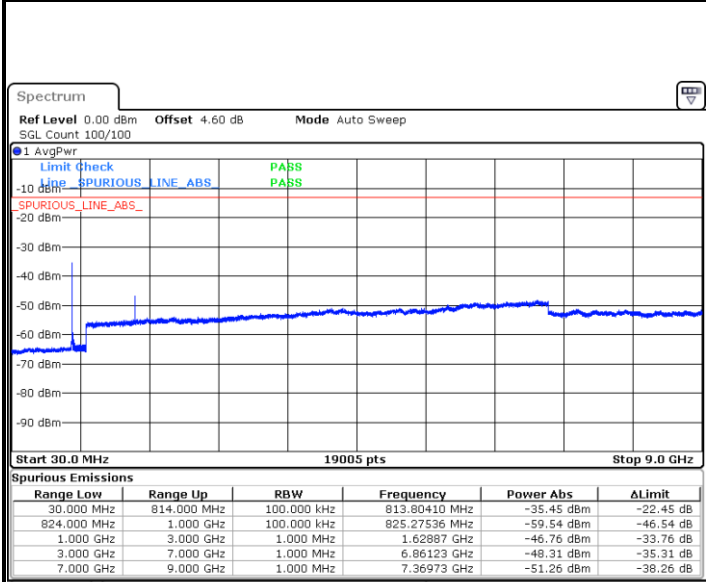


Date: 17.JAN.2020 13:09:50



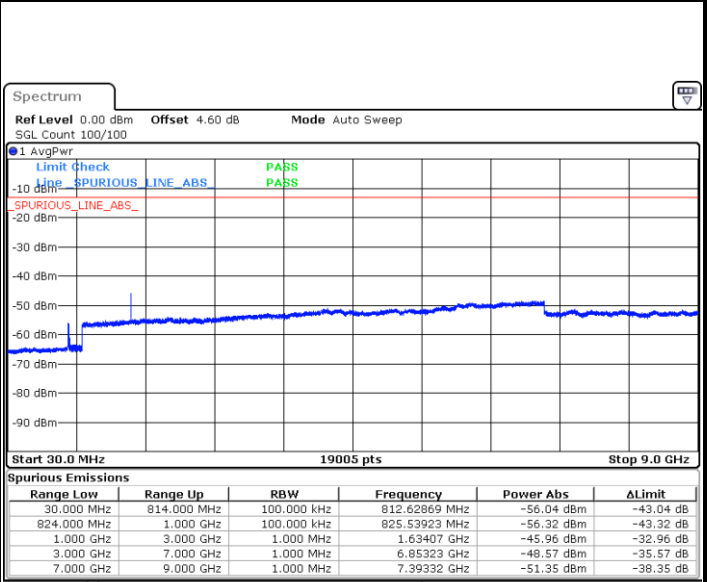
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



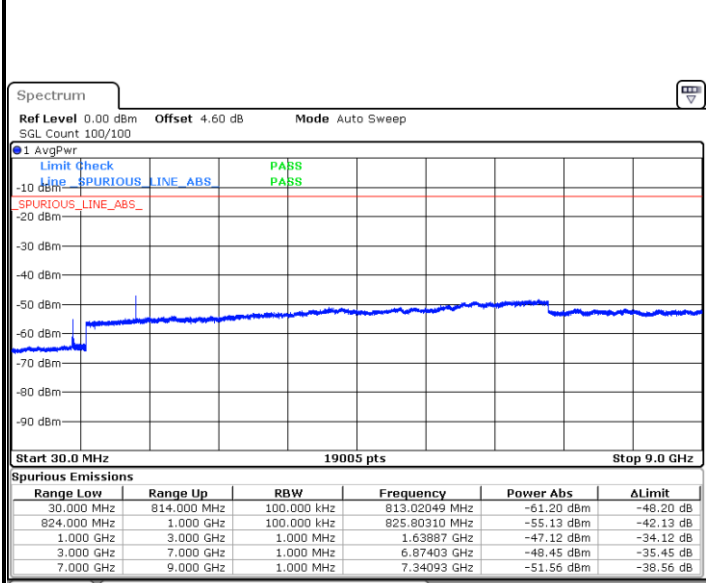
Date: 17.JAN.2020 13:27:36

Middle Channel / 64QAM



Date: 17.JAN.2020 13:30:14

Highest Channel / 64QAM



Date: 17.JAN.2020 13:32:51



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0077	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0061	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.4 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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	1630	-68.05	-13	-55.05	-75.02	1.58	10.70	H
	2444	-64.12	-13	-51.12	-72.37	2.102	12.50	H
	3258	-63.83	-13	-50.83	-72.72	2.856	13.90	H
	1630	-67.79	-13	-54.79	-74.76	1.58	10.70	V
	2444	-63.20	-13	-50.20	-71.45	2.10	12.50	V
	3258	-63.64	-13	-50.64	-72.53	2.86	13.90	V

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