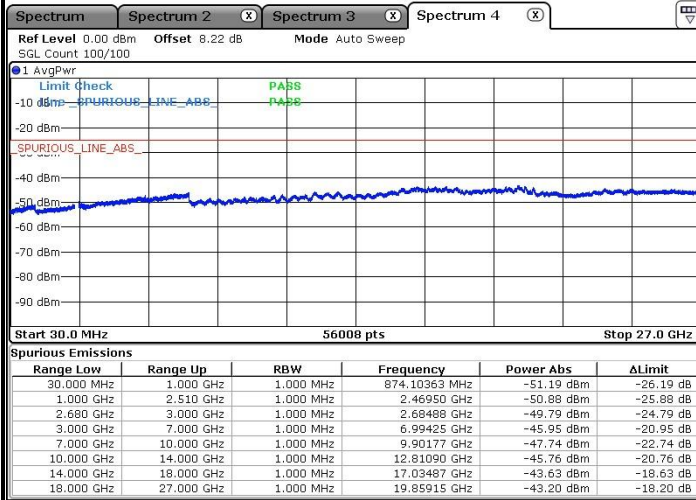




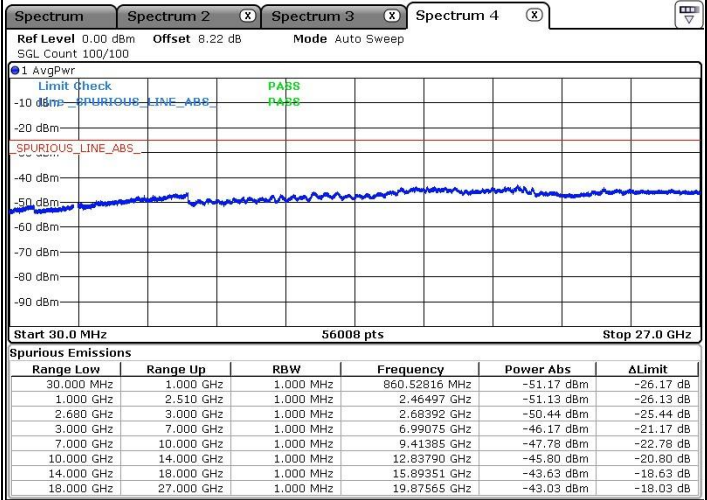
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 20 MAR 2020 10:52:46

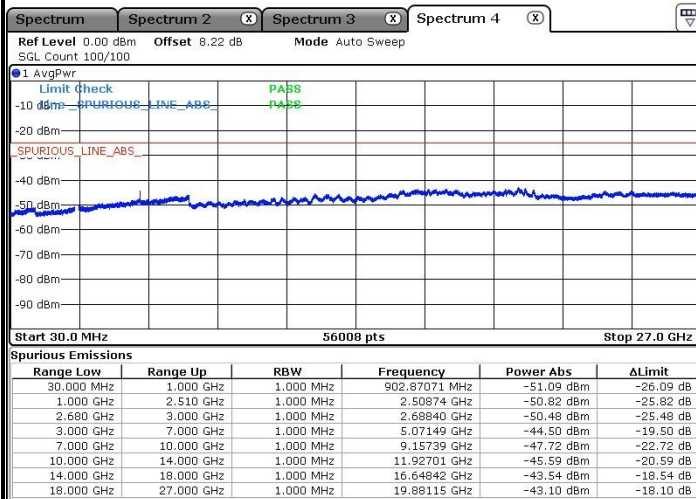
Highest Channel / 16QAM



Date: 20 MAR 2020 10:54:02

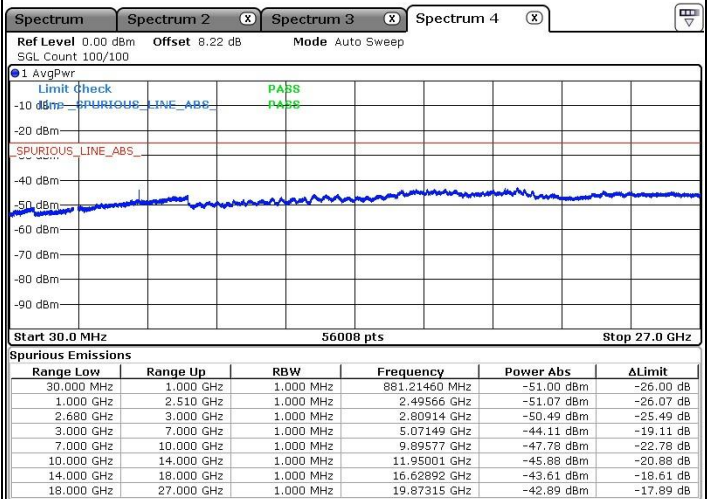
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 20 MAR 2020 11:15:42

Lowest Channel / 16QAM

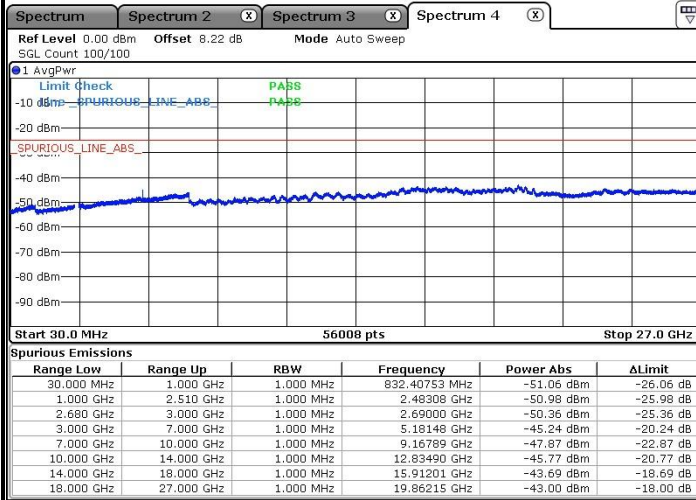


Date: 20 MAR 2020 11:14:44



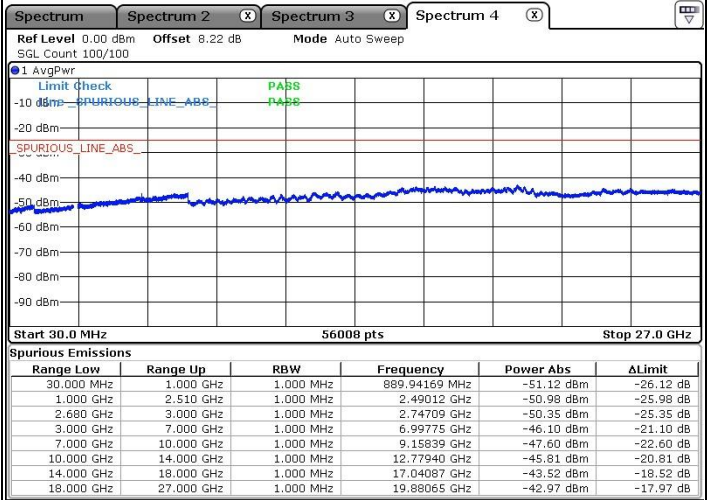
LTE Band 41 / 10MHz

Middle Channel / QPSK



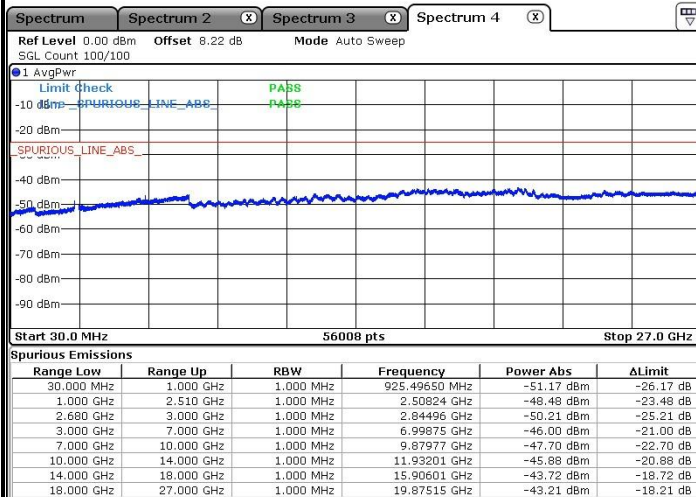
Date: 20 MAR 2020 11:16:54

Middle Channel / 16QAM



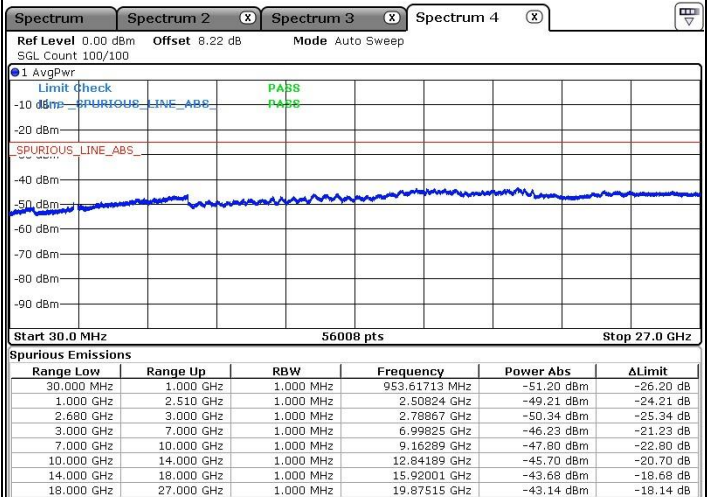
Date: 20 MAR 2020 11:18:30

Highest Channel / QPSK



Date: 20 MAR 2020 11:35:38

Highest Channel / 16QAM

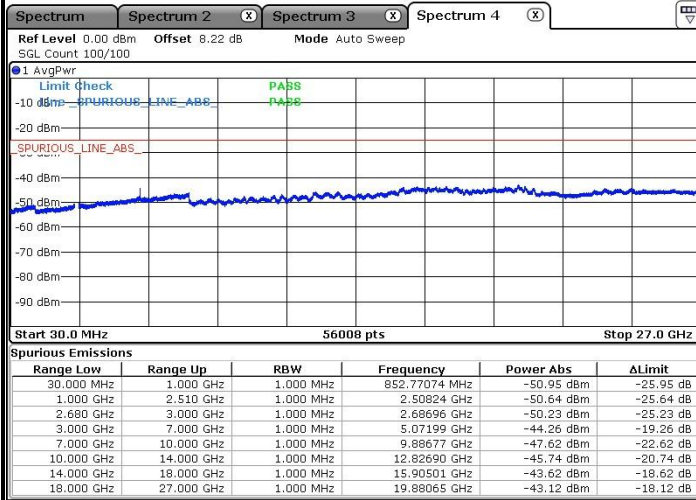


Date: 20 MAR 2020 11:34:28



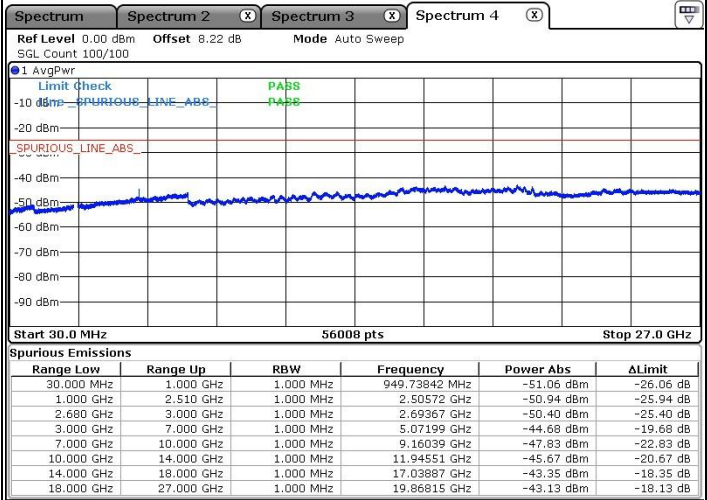
LTE Band 41 / 15MHz

Lowest Channel / QPSK



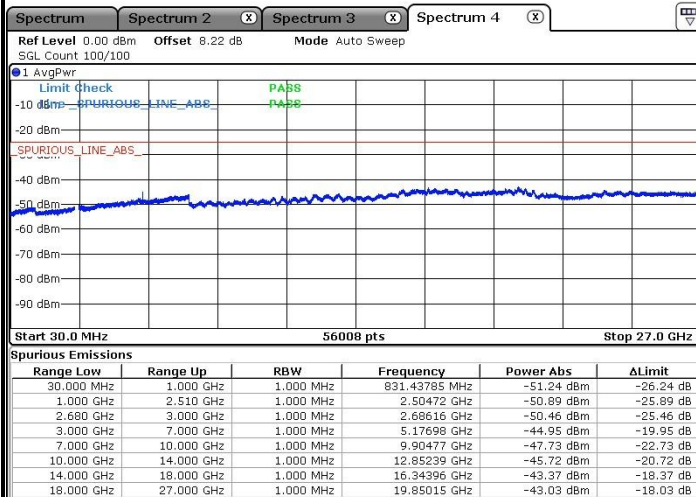
Date: 20 MAR 2020 11:58:04

Lowest Channel / 16QAM



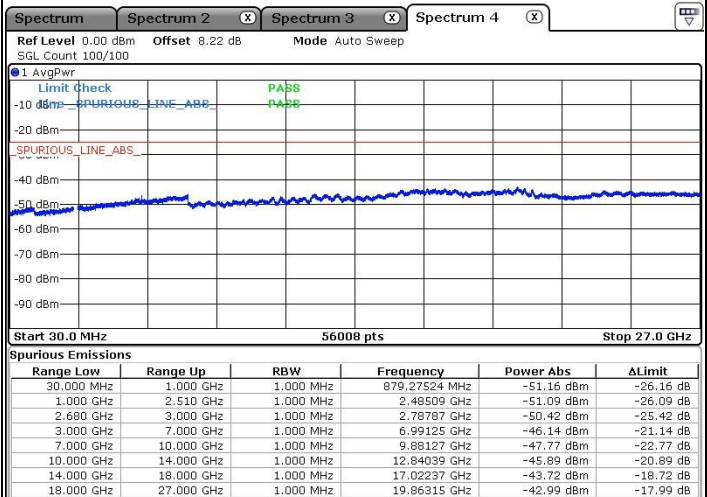
Date: 20 MAR 2020 11:55:04

Middle Channel / QPSK



Date: 20 MAR 2020 11:59:31

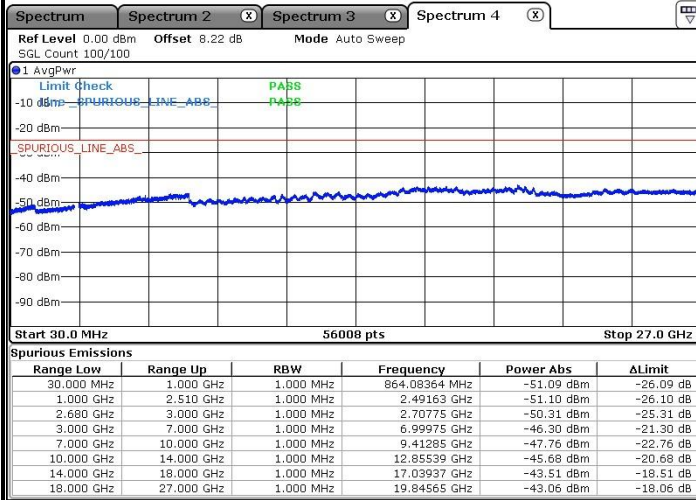
Middle Channel / 16QAM



Date: 20 MAR 2020 12:00:42

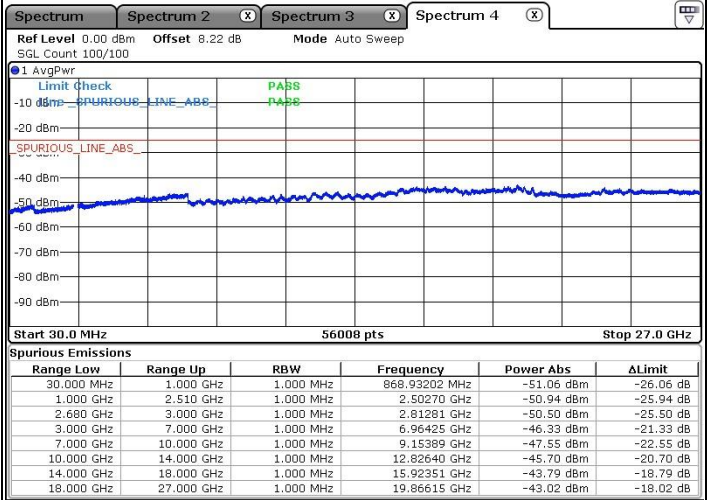


Highest Channel / QPSK



Date: 20 MAR 2020 12:10:31

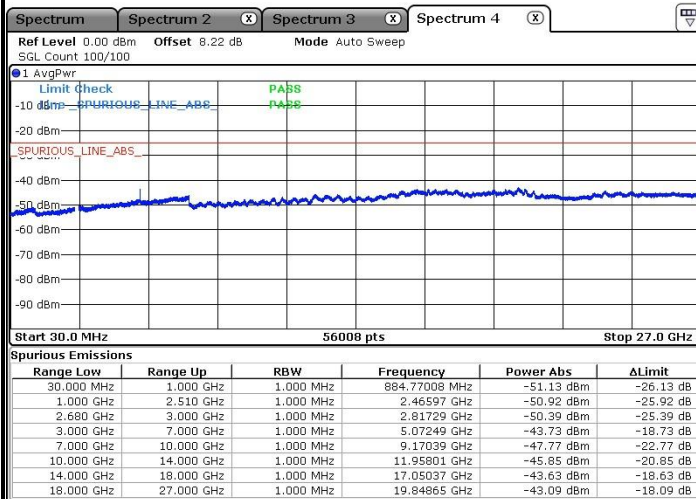
Highest Channel / 16QAM



Date: 20 MAR 2020 12:09:30

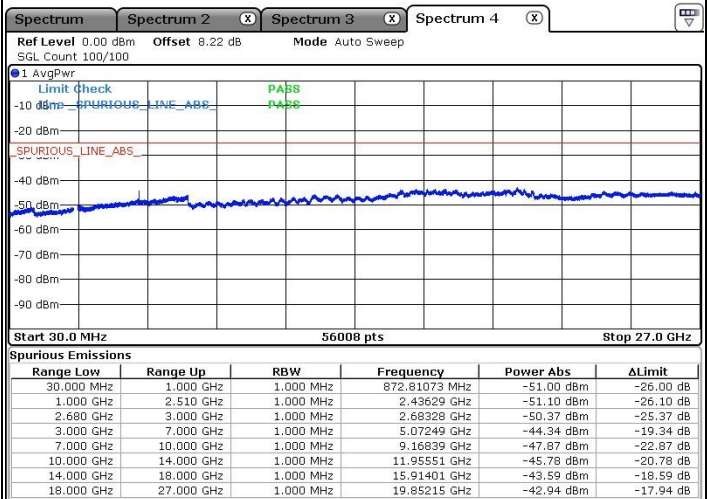
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 20 MAR 2020 13:36:44

Lowest Channel / 16QAM

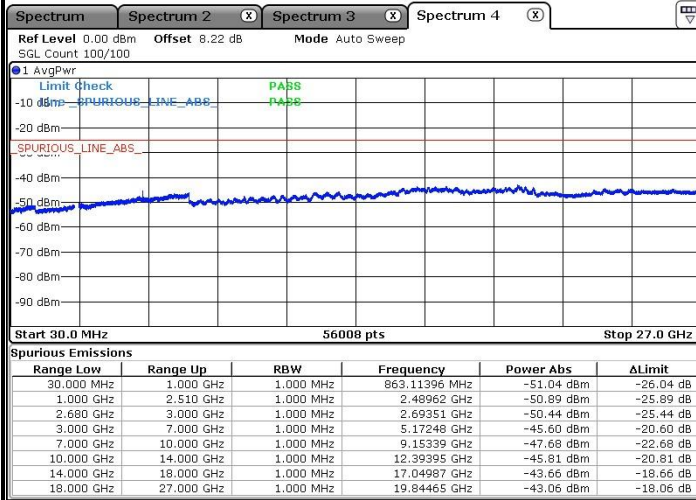


Date: 20 MAR 2020 13:37:54



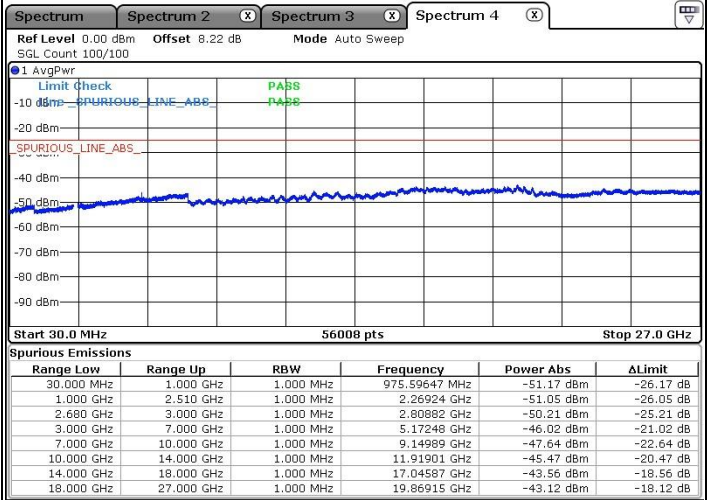
LTE Band 41 / 20MHz

Middle Channel / QPSK



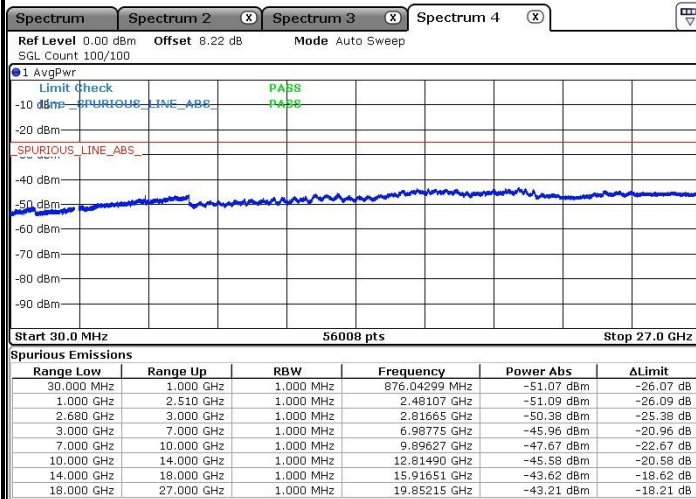
Date: 20 MAR 2020 13:42:12

Middle Channel / 16QAM



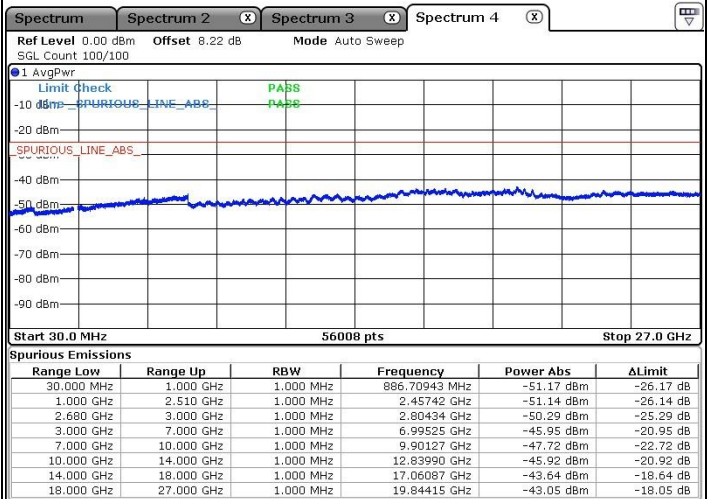
Date: 20 MAR 2020 13:41:14

Highest Channel / QPSK



Date: 20 MAR 2020 13:56:19

Highest Channel / 16QAM

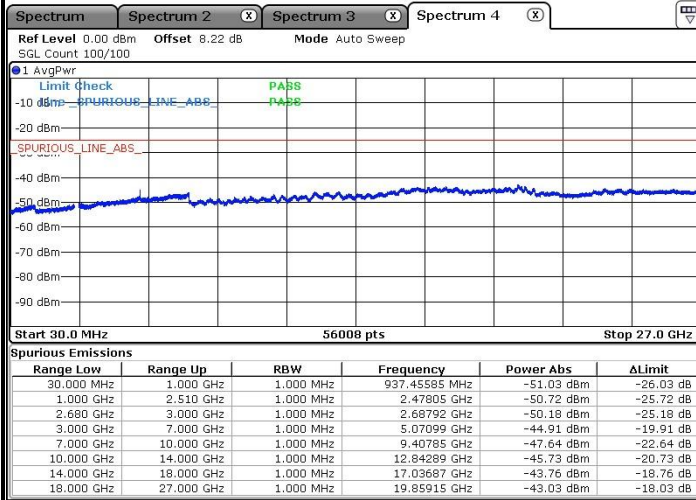


Date: 20 MAR 2020 13:58:15



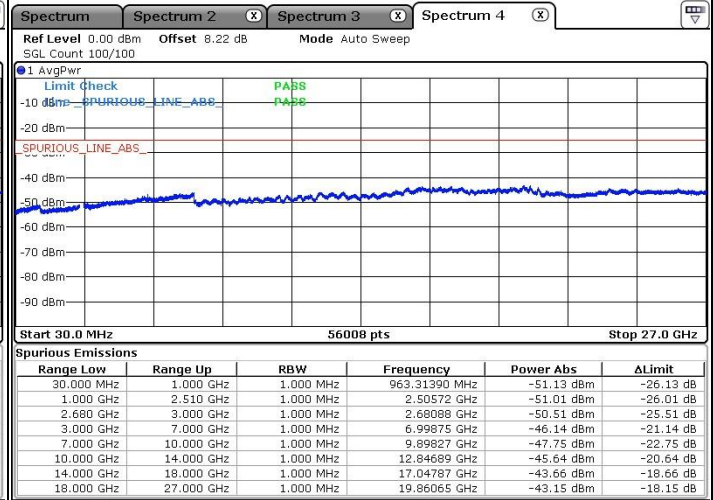
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



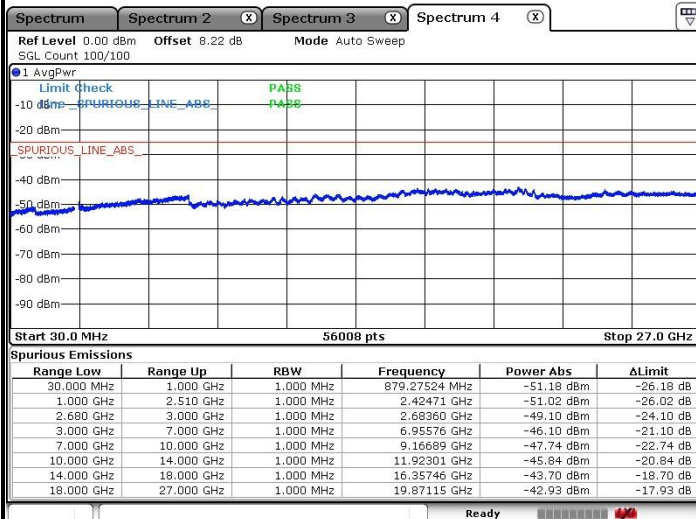
Date: 20 MAR 2020 10:33:23

Middle Channel / 64QAM



Date: 20 MAR 2020 10:38:20

Highest Channel / 64QAM

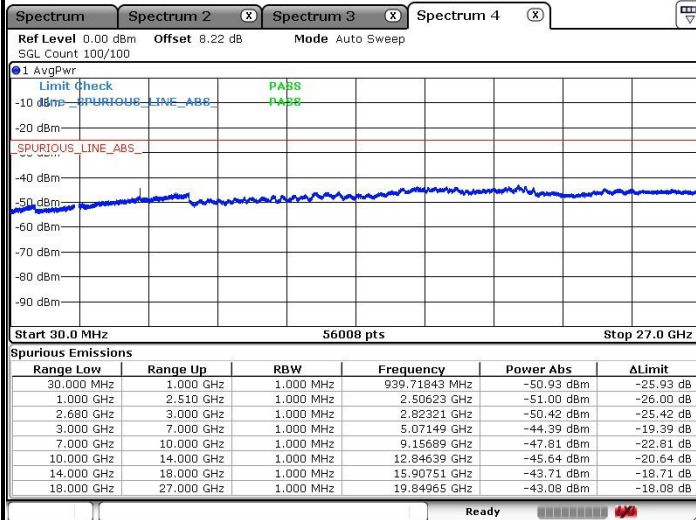


Date: 20 MAR 2020 10:55:08



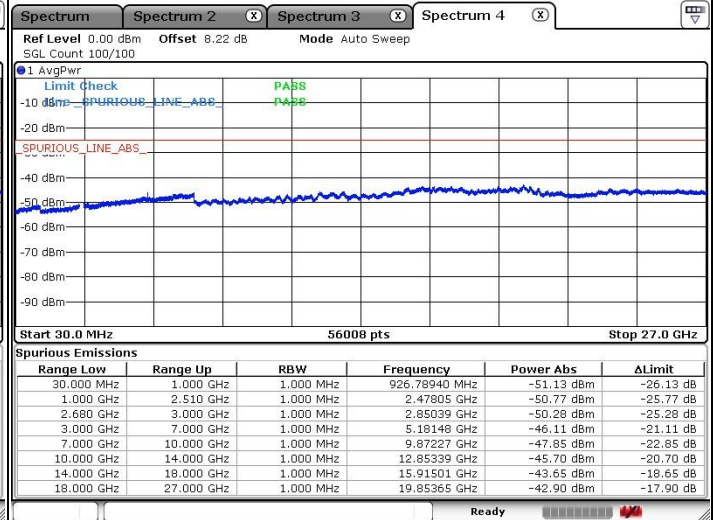
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



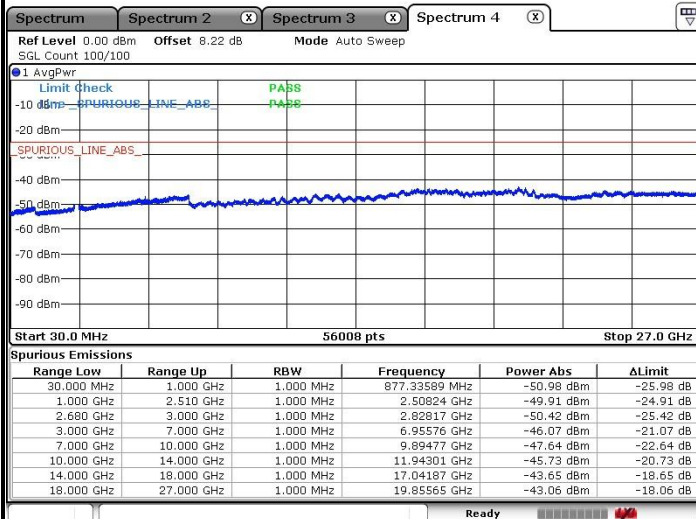
Date: 20 MAR 2020 11:12:48

Middle Channel / 64QAM



Date: 20 MAR 2020 11:19:29

Highest Channel / 64QAM

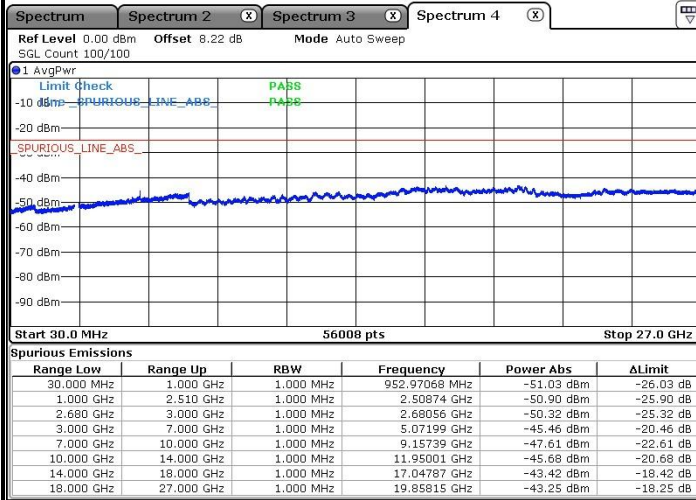


Date: 20 MAR 2020 11:33:26



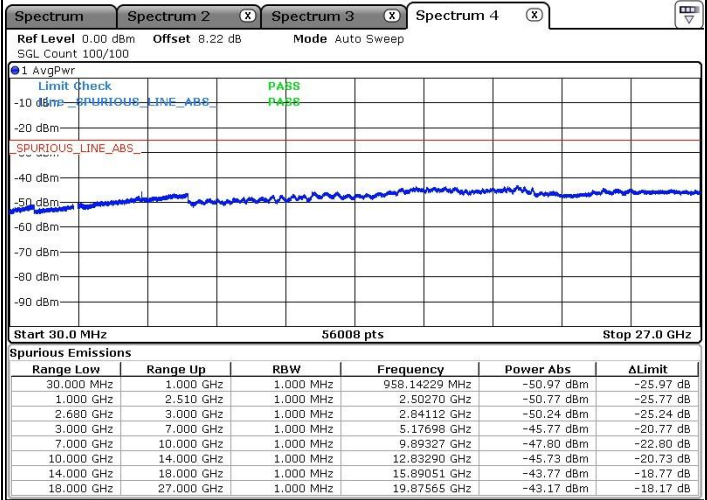
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



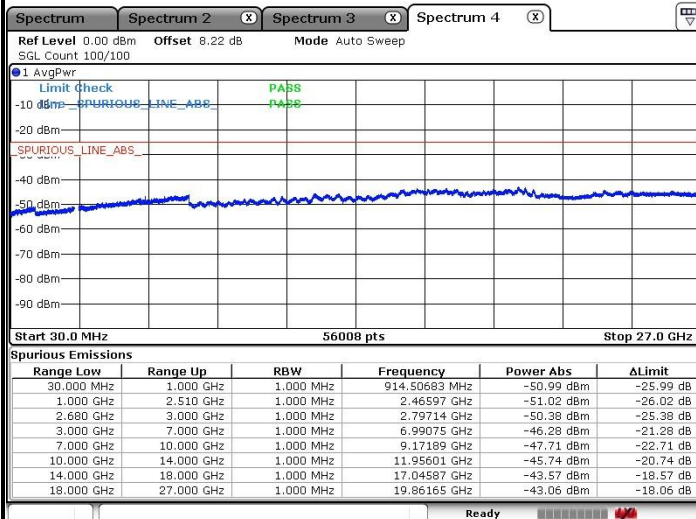
Date: 20 MAR 2020 11:54:01

Middle Channel / 64QAM



Date: 20 MAR 2020 12:01:44

Highest Channel / 64QAM

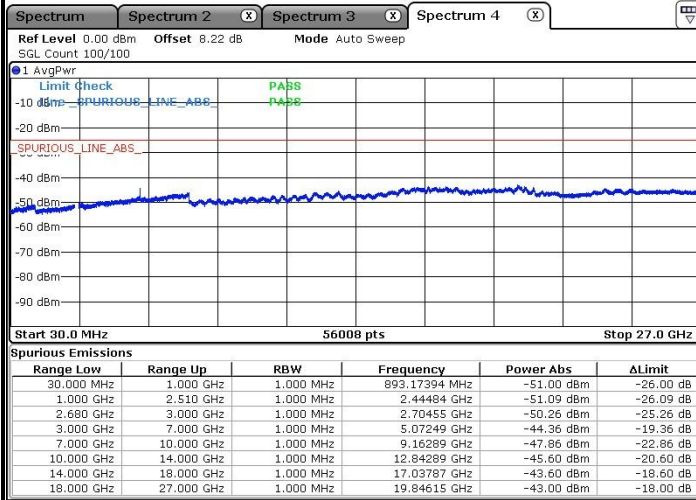


Date: 20 MAR 2020 12:08:08



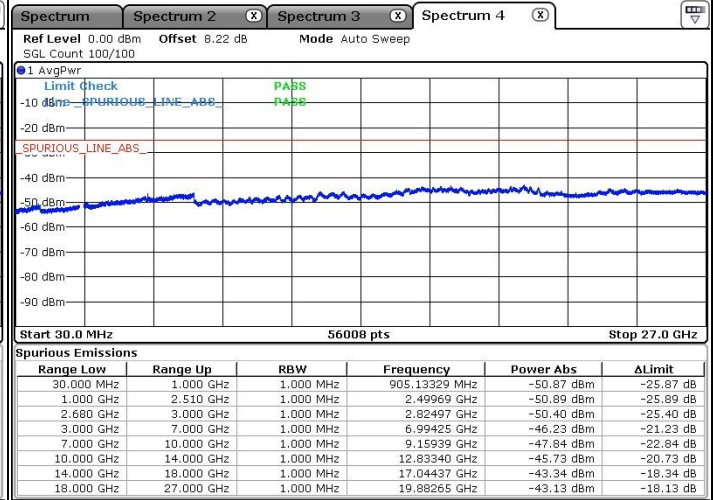
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



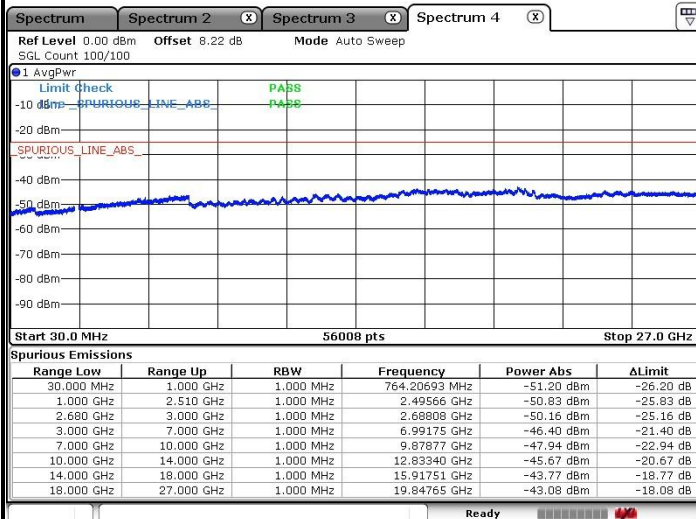
Date: 20 MAR 2020 13:38:49

Middle Channel / 64QAM



Date: 20 MAR 2020 13:40:10

Highest Channel / 64QAM



Date: 20 MAR 2020 13:59:12

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4.4 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 41 / 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	-61.25	-25	-36.25	-69.68	1.93	10.36	H
	7760	-54.08	-25	-29.08	-63.31	2.64	11.87	H
	10344	-59.18	-25	-34.18	-70.01	2.64	13.47	H
	5172	-62.78	-25	-37.78	-71.21	1.93	10.36	V
	7760	-56.22	-25	-31.22	-65.45	2.64	11.87	V
	10344	-60.94	-25	-35.94	-71.77	2.64	13.47	V

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