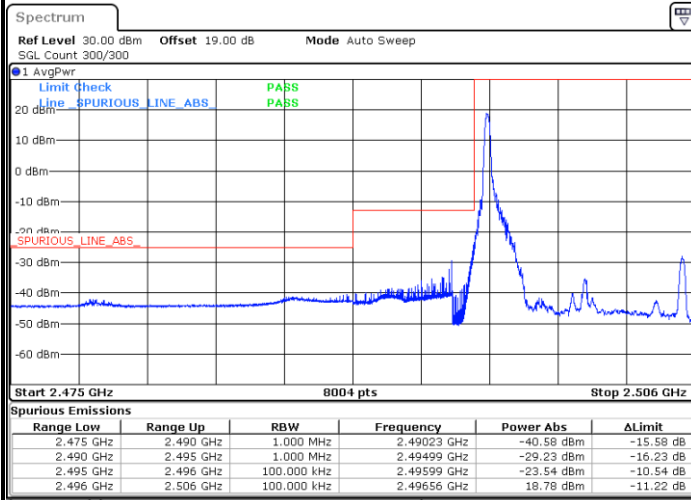


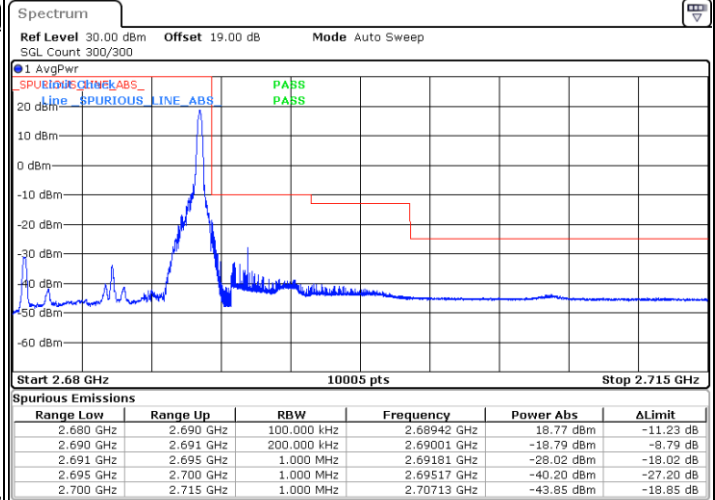


LTE Band 41 / 10MHz / 64QAM

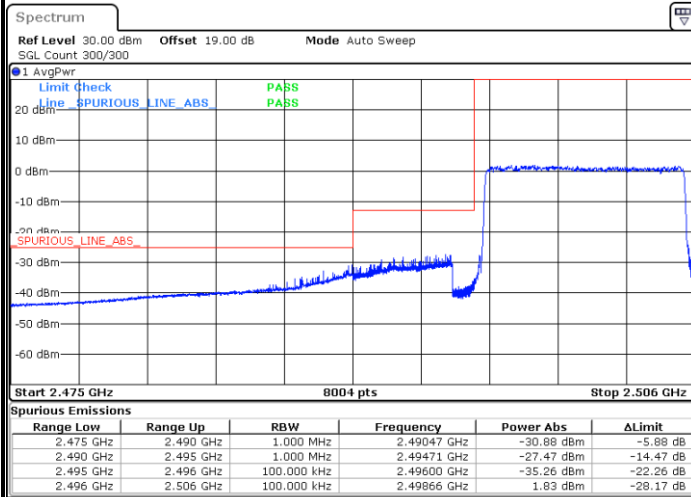
Lowest Band Edge / 1 RB



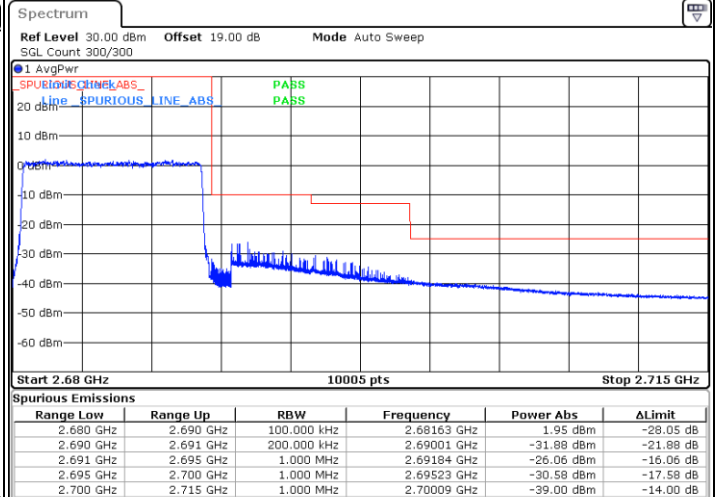
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



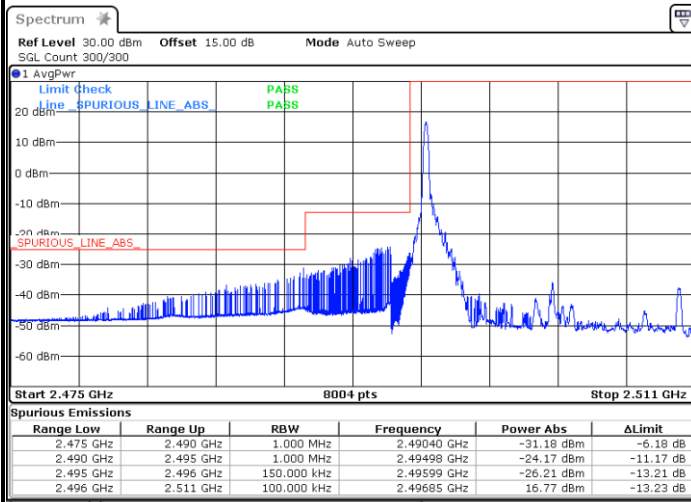
Highest Band Edge / Full RB



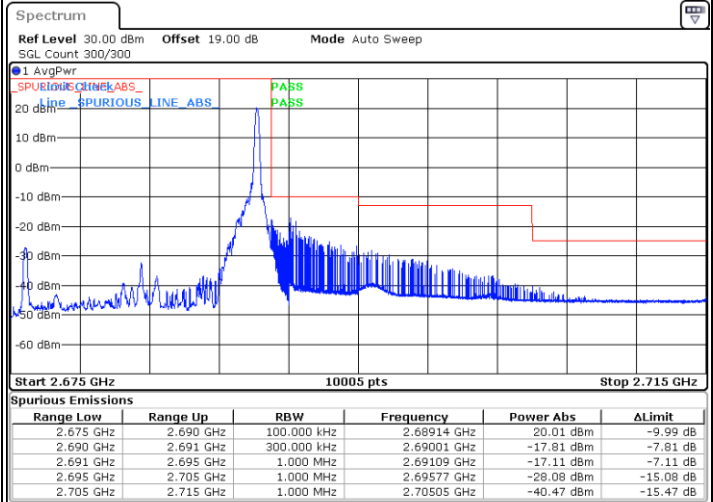


LTE Band 41 / 15MHz / QPSK

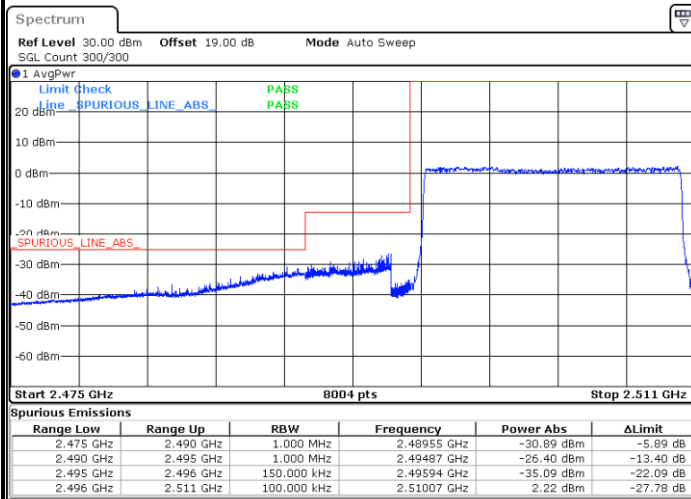
Lowest Band Edge / 1 RB



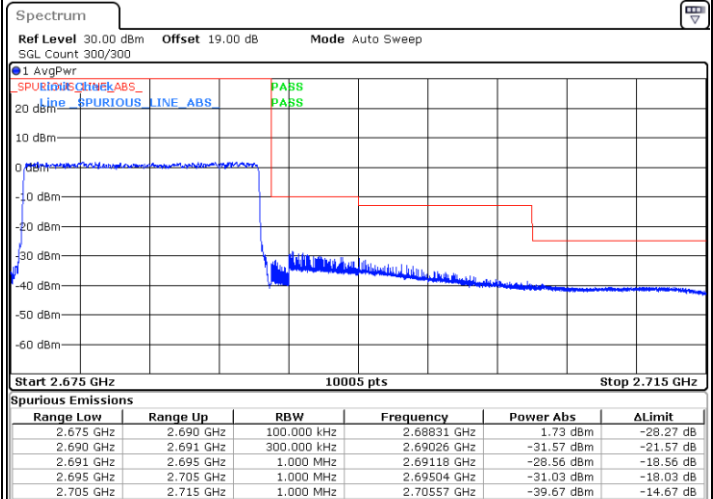
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



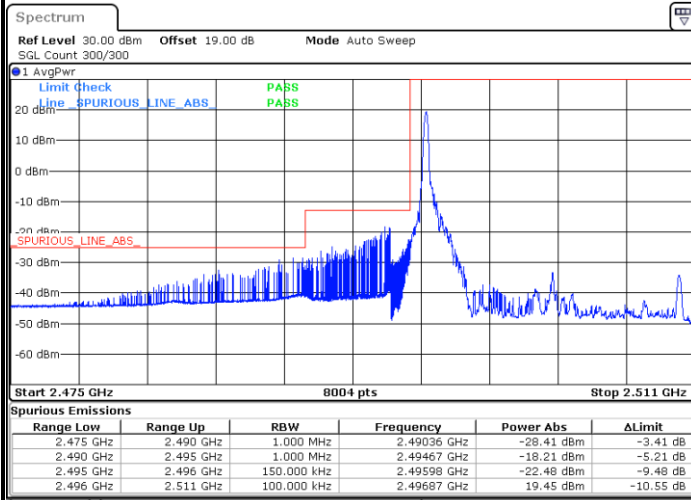
Highest Band Edge / Full RB



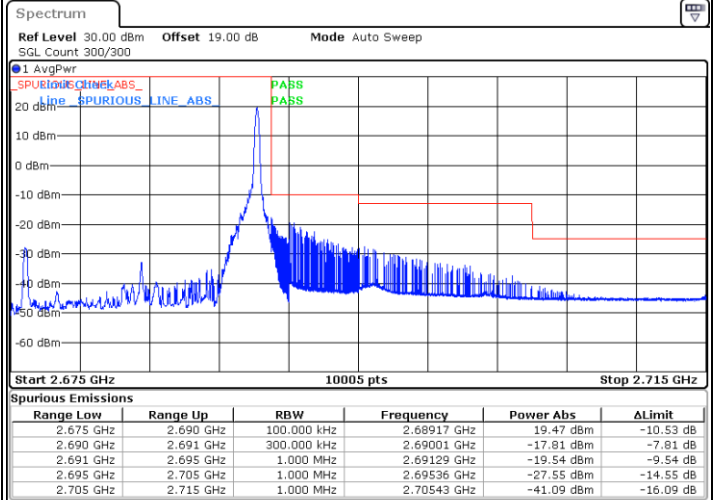


LTE Band 41 / 15MHz / 16QAM

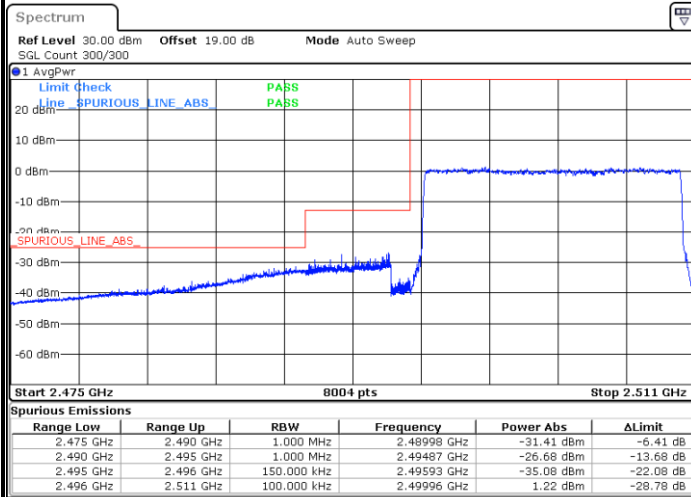
Lowest Band Edge / 1 RB



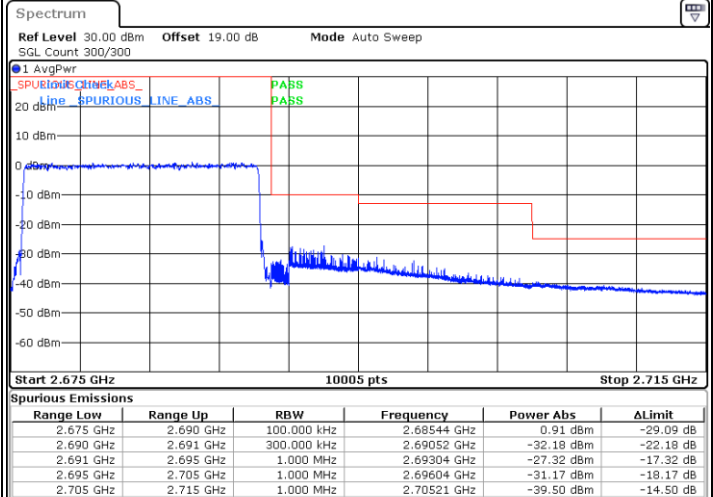
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



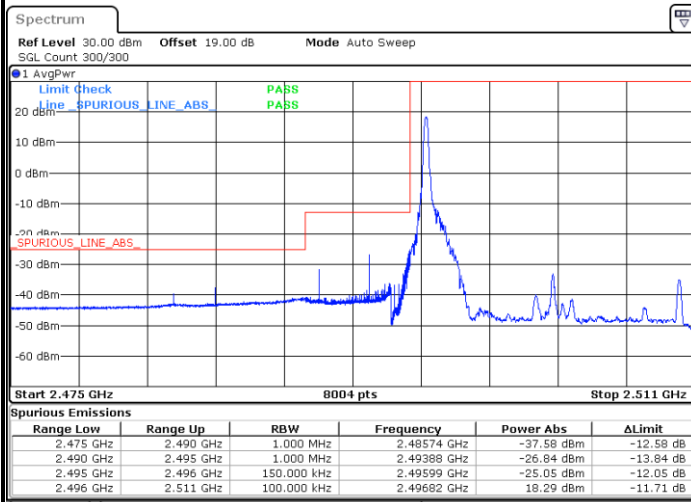
Highest Band Edge / Full RB



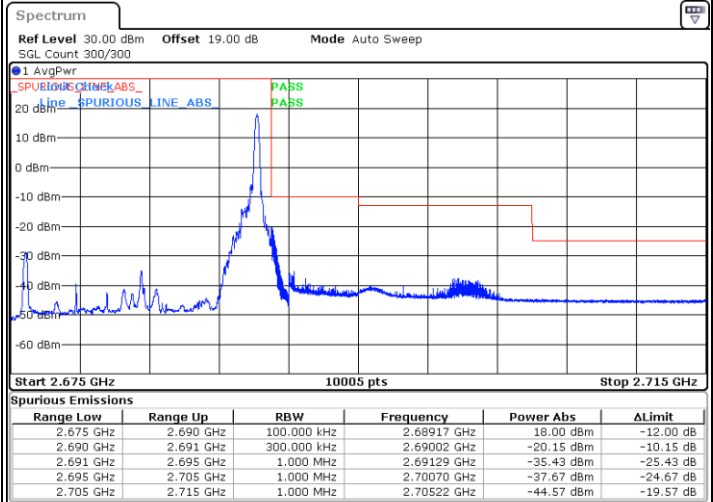


LTE Band 41 / 15MHz / 64QAM

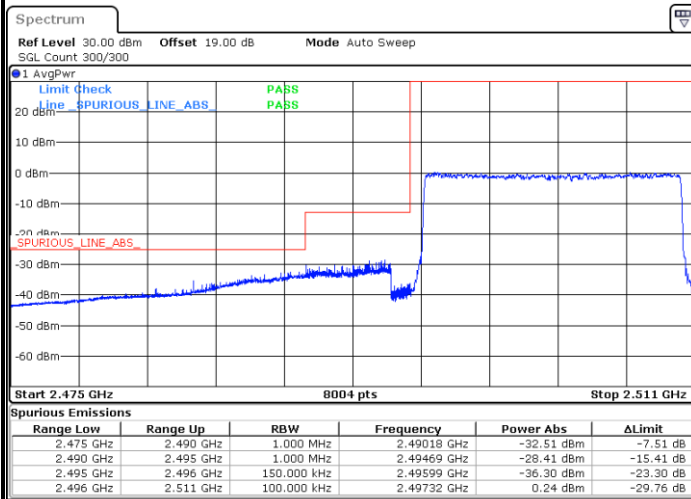
Lowest Band Edge / 1 RB



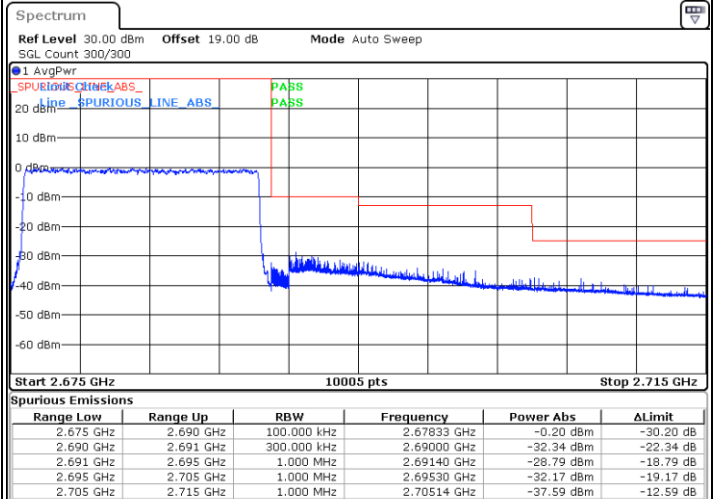
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



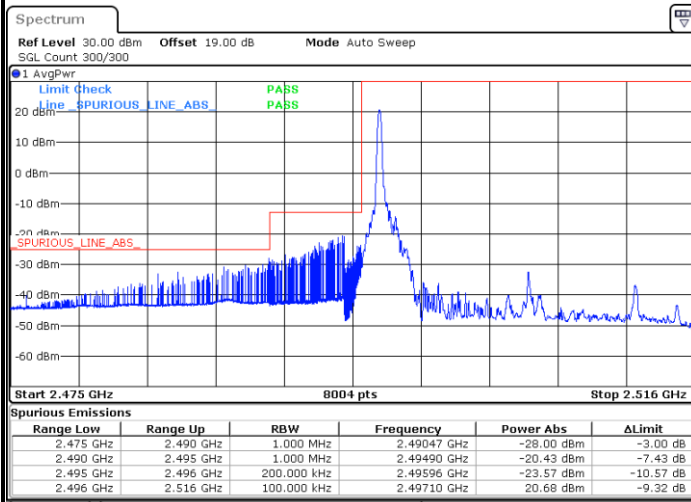
Highest Band Edge / Full RB



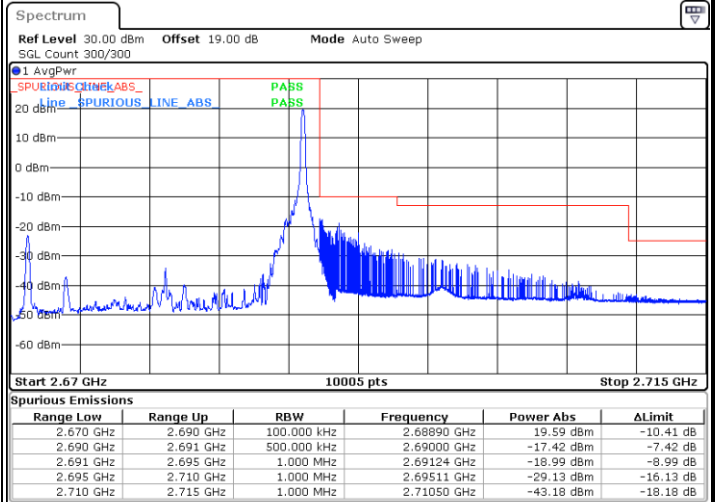


LTE Band 41 / 20MHz / QPSK

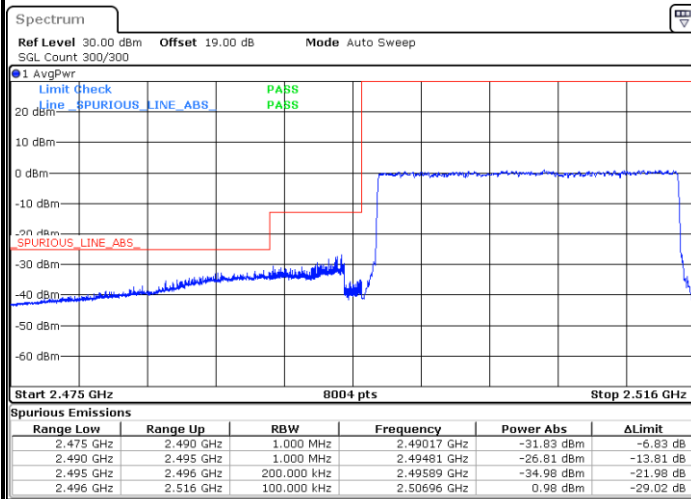
Lowest Band Edge / 1 RB



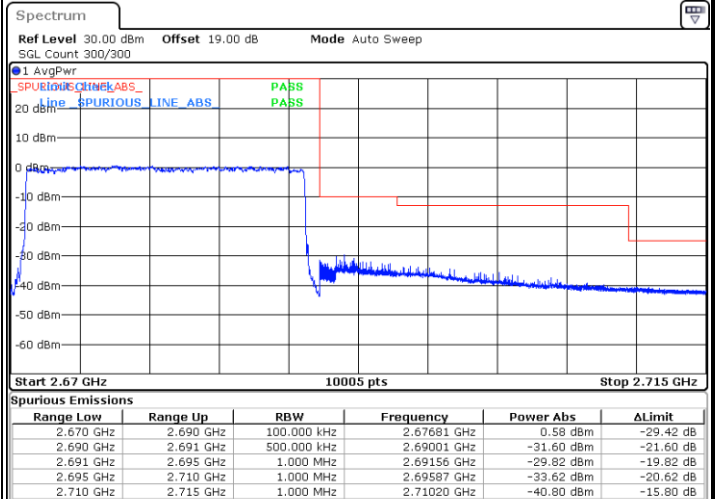
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



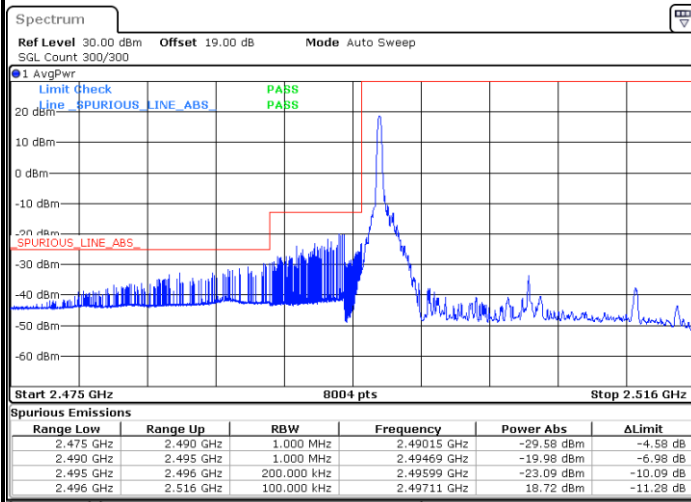
Highest Band Edge / Full RB



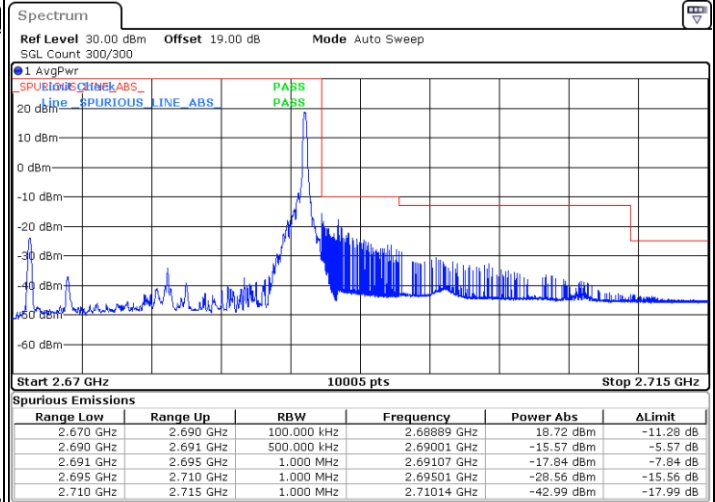


LTE Band 41 / 20MHz / 16QAM

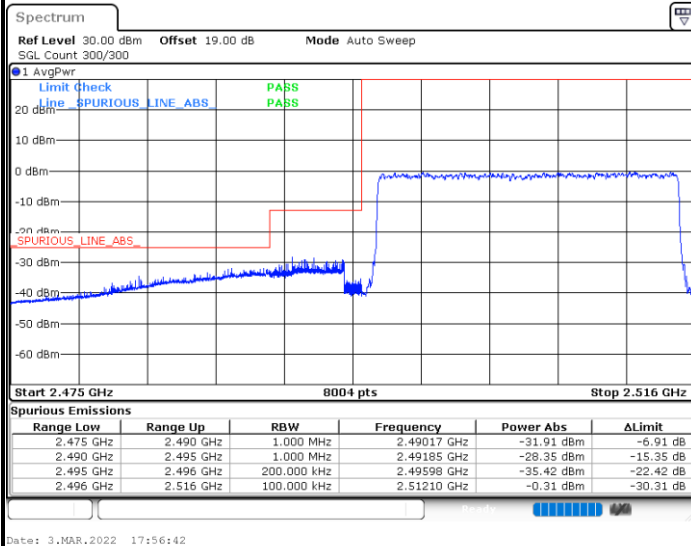
Lowest Band Edge / 1 RB



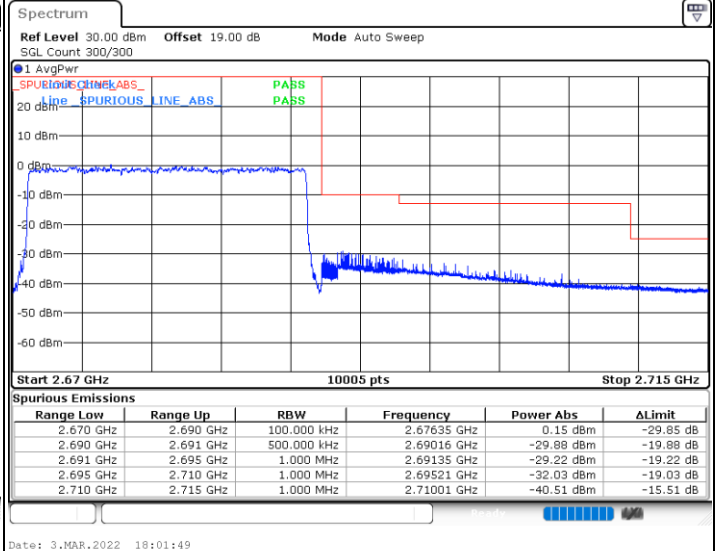
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



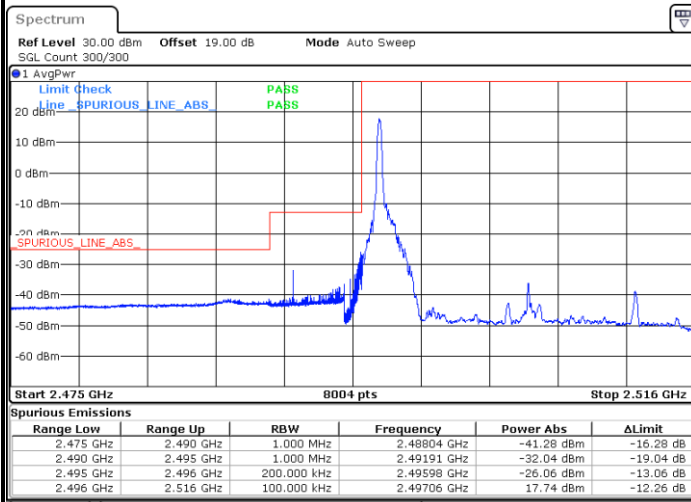
Highest Band Edge / Full RB



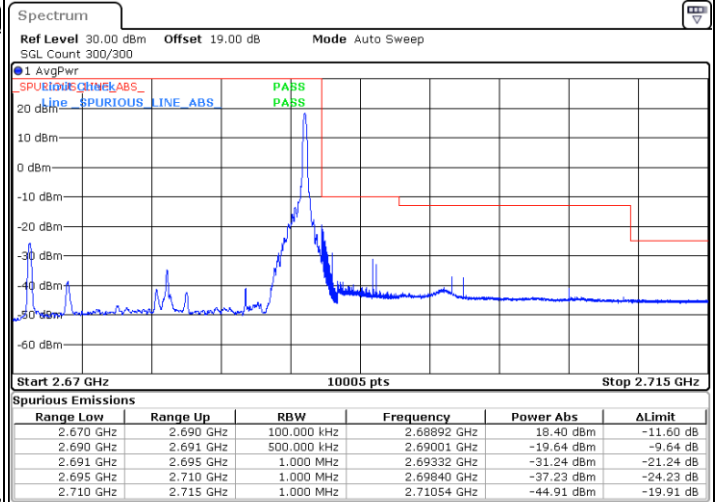


LTE Band 41 / 20MHz / 64QAM

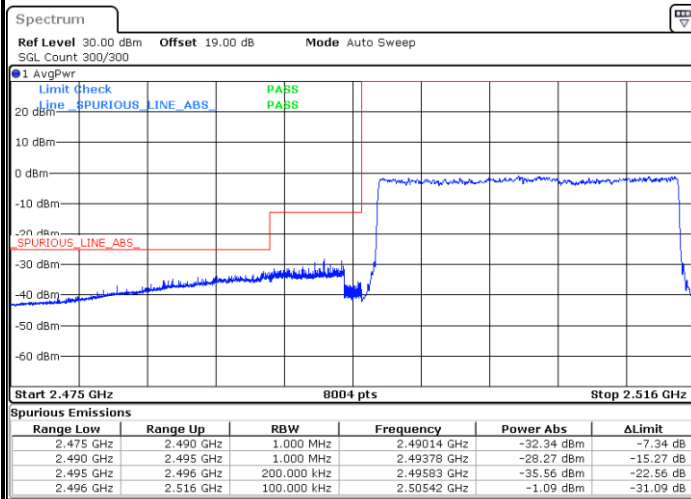
Lowest Band Edge / 1 RB



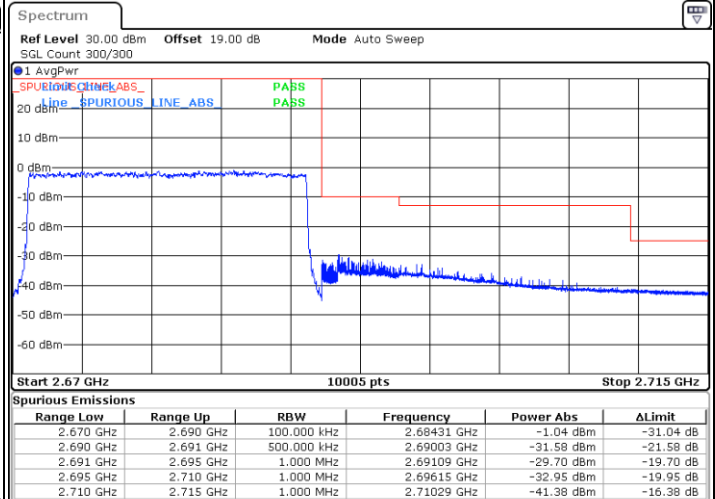
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

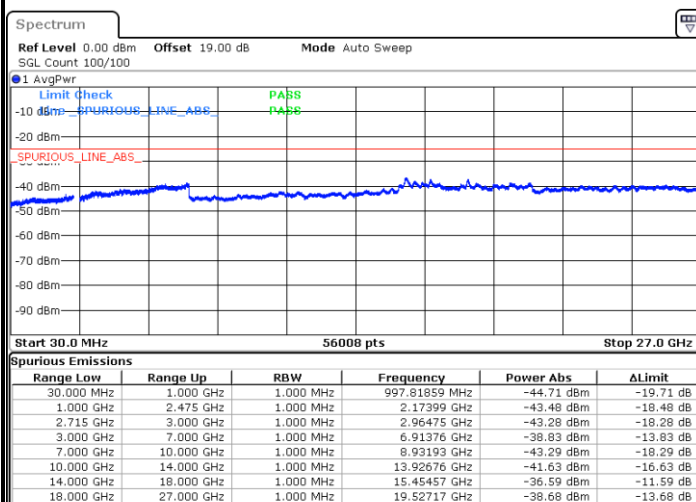




Conducted Spurious Emission

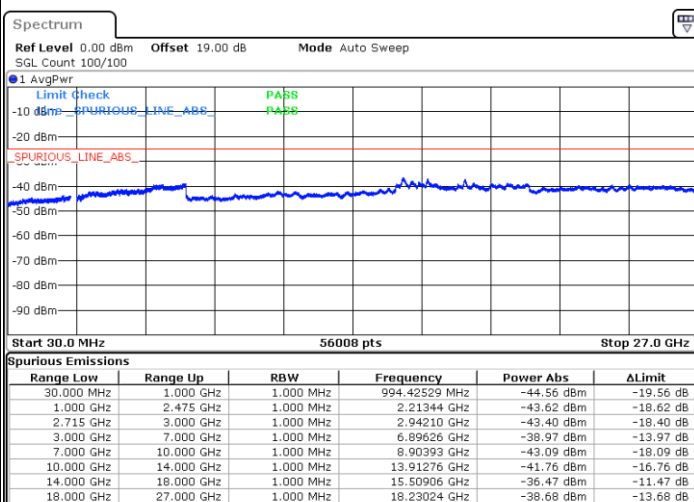
LTE Band 41 / 5MHz

Lowest Channel / QPSK



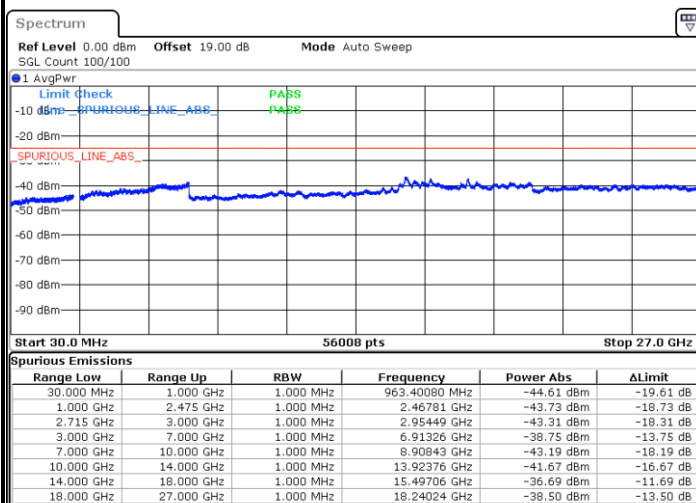
Date: 3.MAR.2022 18:04:50

Lowest Channel / 16QAM



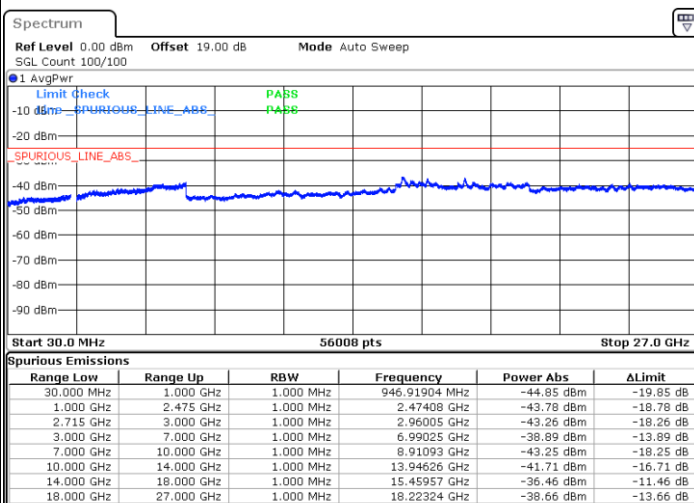
Date: 3.MAR.2022 18:06:07

Middle Channel / QPSK



Date: 3.MAR.2022 18:07:24

Middle Channel / 16QAM

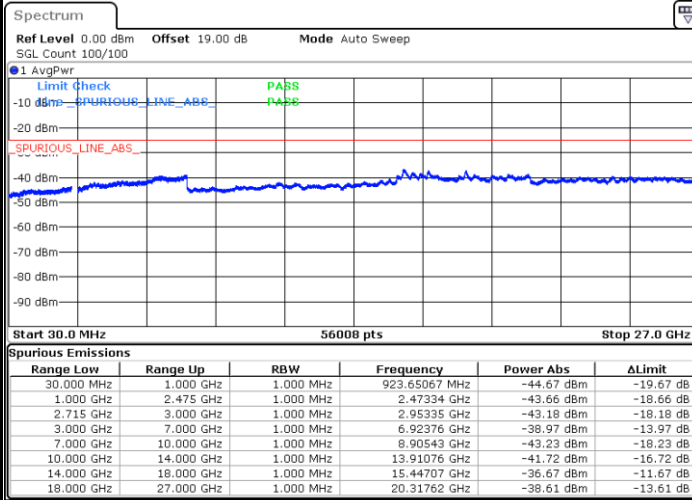


Date: 3.MAR.2022 18:08:42



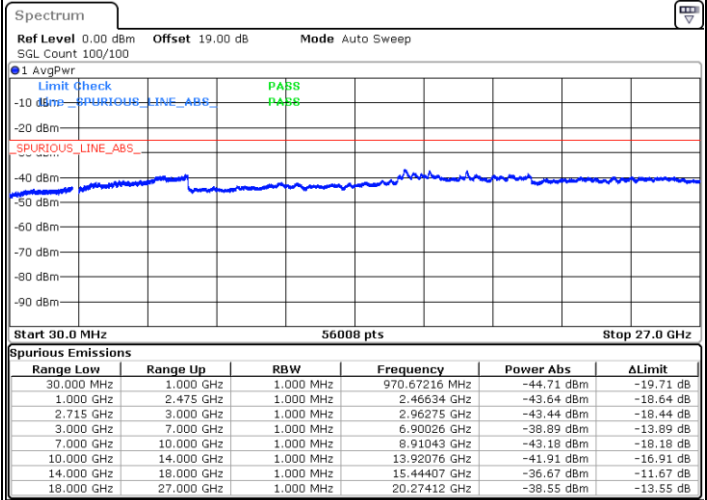
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 3.MAR.2022 18:09:59

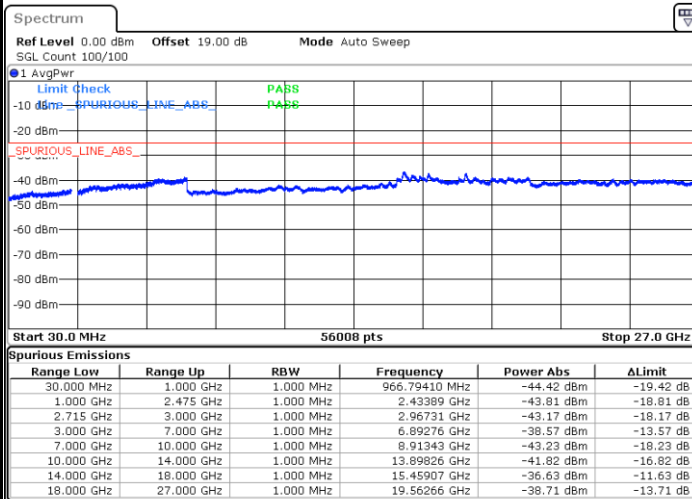
Highest Channel / 16QAM



Date: 3.MAR.2022 18:11:17

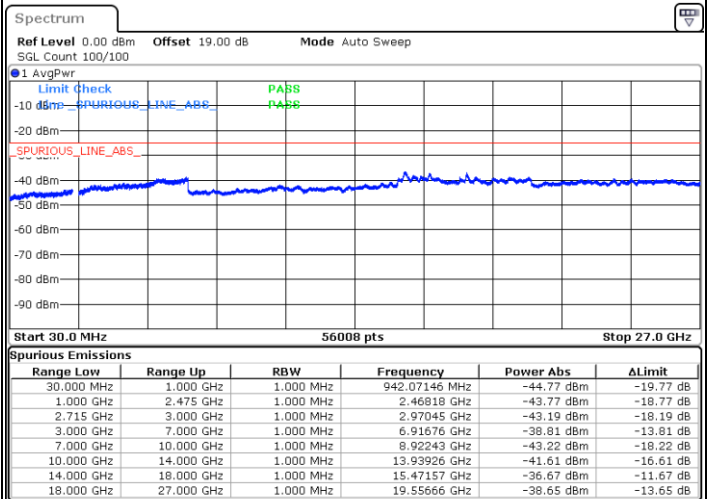
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 3.MAR.2022 18:12:35

Lowest Channel / 16QAM

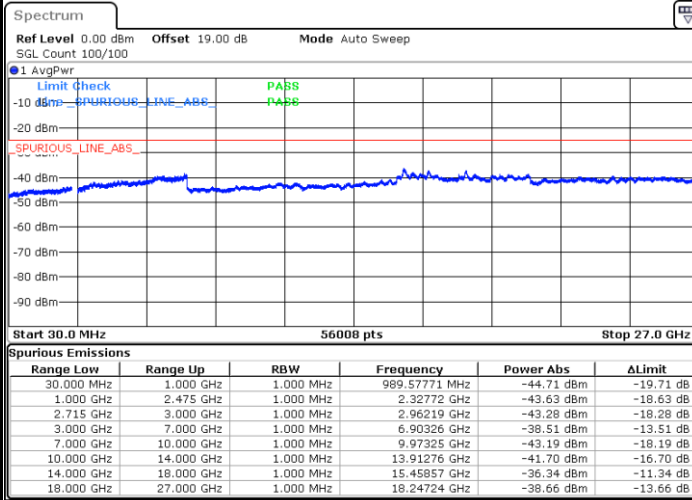


Date: 3.MAR.2022 18:13:53



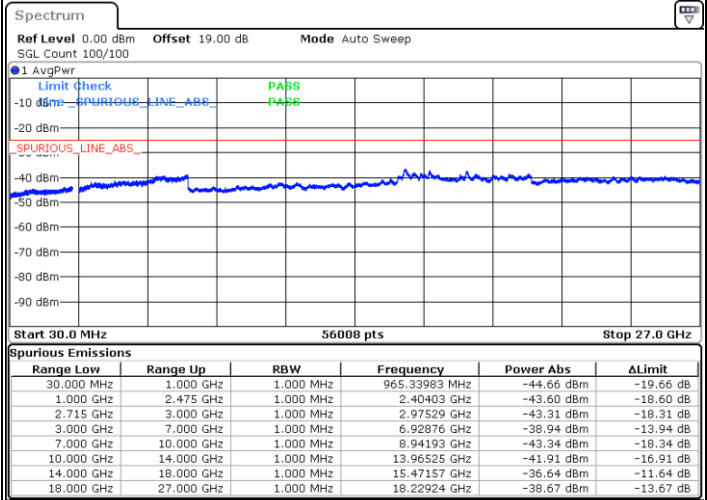
LTE Band 41 / 10MHz

Middle Channel / QPSK



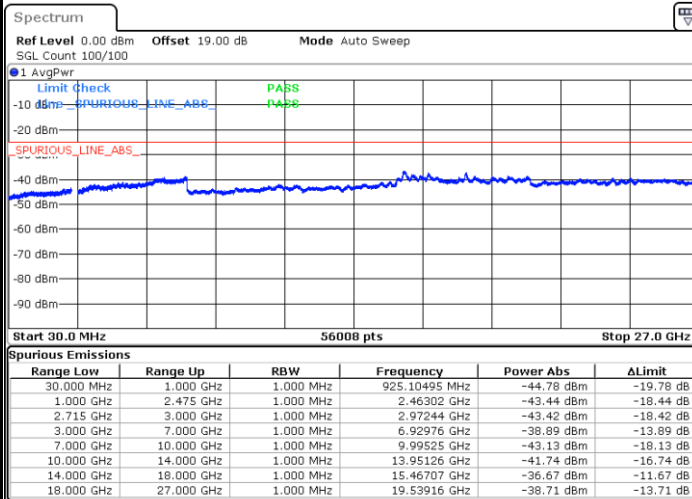
Date: 3.MAR.2022 18:15:10

Middle Channel / 16QAM



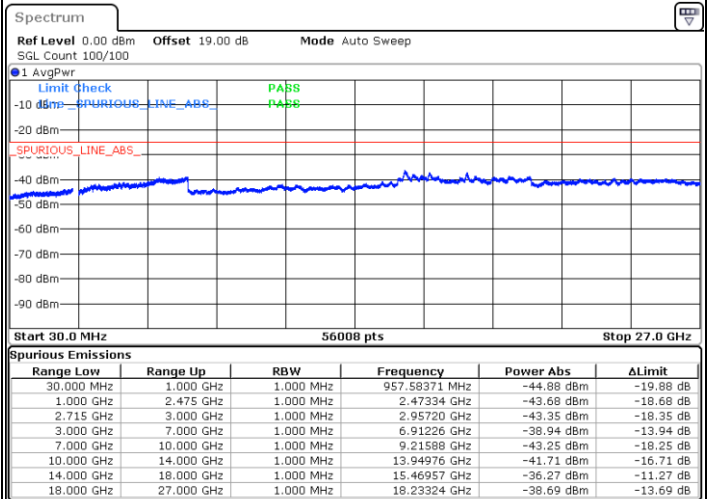
Date: 3.MAR.2022 18:16:27

Highest Channel / QPSK



Date: 3.MAR.2022 18:17:44

Highest Channel / 16QAM

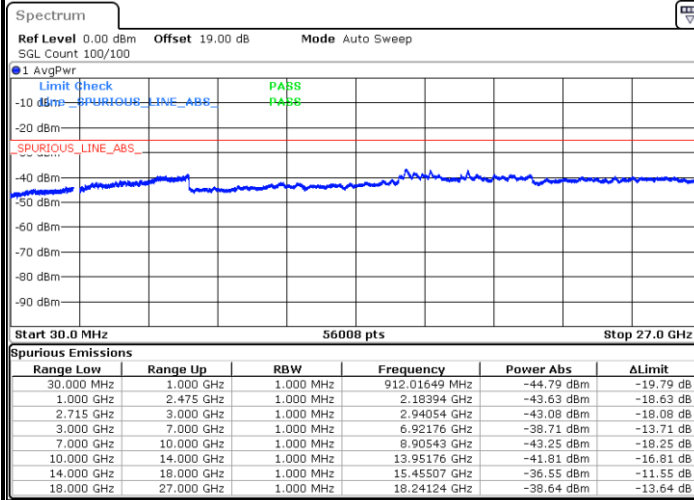


Date: 3.MAR.2022 18:19:02



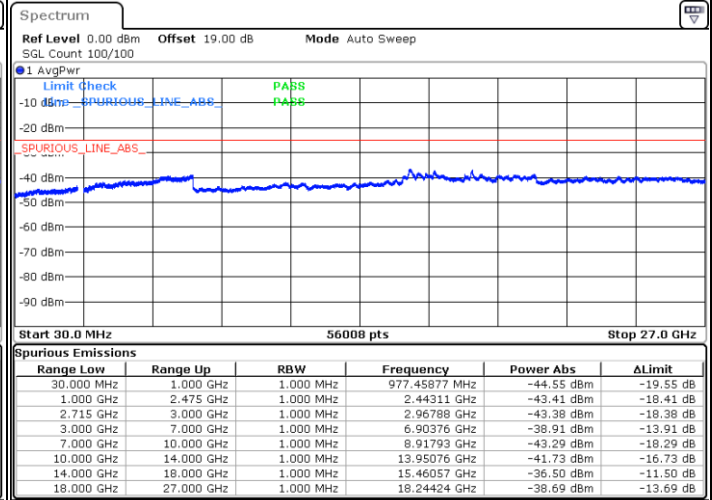
LTE Band 41 / 15MHz

Lowest Channel / QPSK



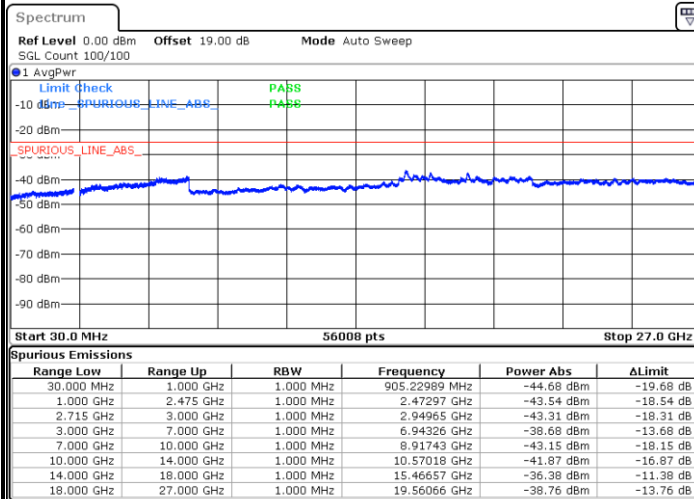
Date: 3.MAR.2022 18:20:20

Lowest Channel / 16QAM



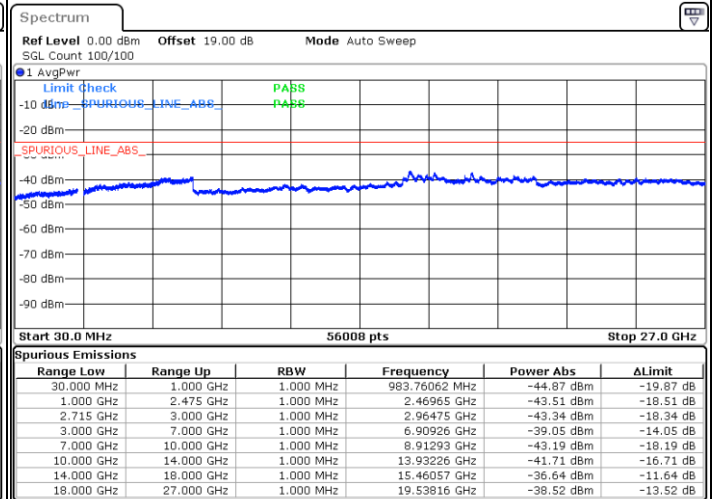
Date: 3.MAR.2022 18:21:37

Middle Channel / QPSK



Date: 3.MAR.2022 18:22:55

Middle Channel / 16QAM

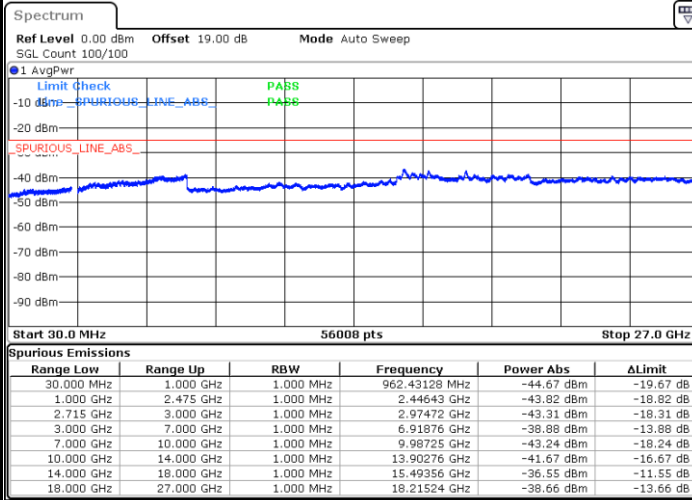


Date: 3.MAR.2022 18:24:12



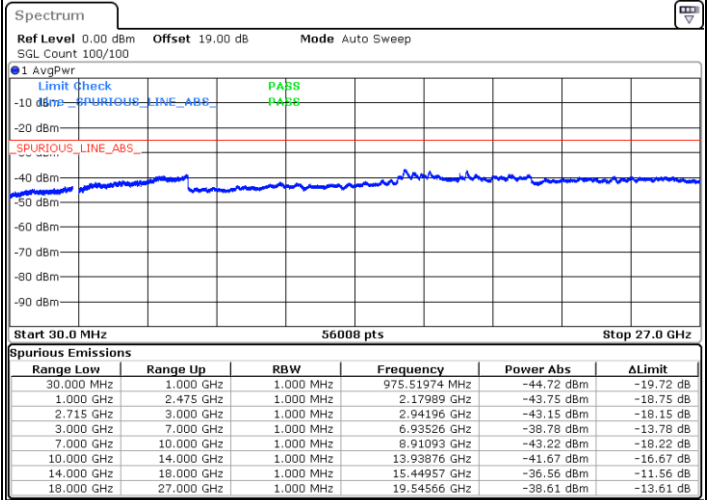
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 3.MAR.2022 18:25:29

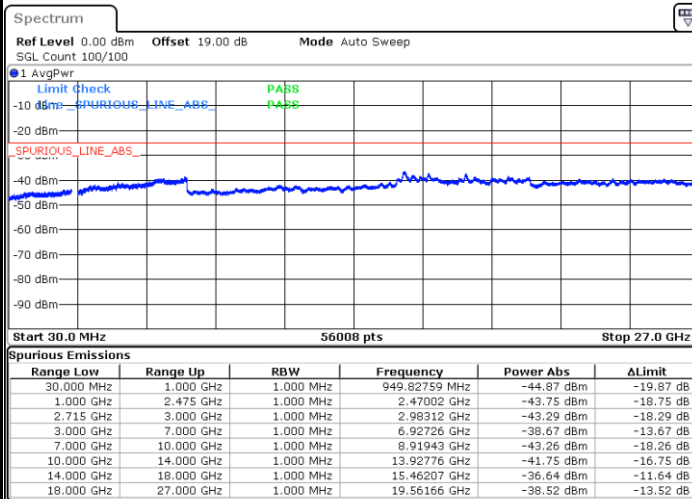
Highest Channel / 16QAM



Date: 3.MAR.2022 18:26:47

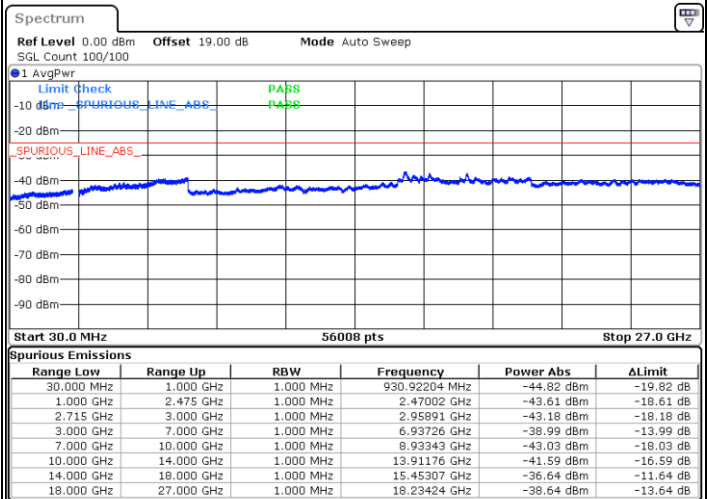
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 3.MAR.2022 18:28:05

Lowest Channel / 16QAM

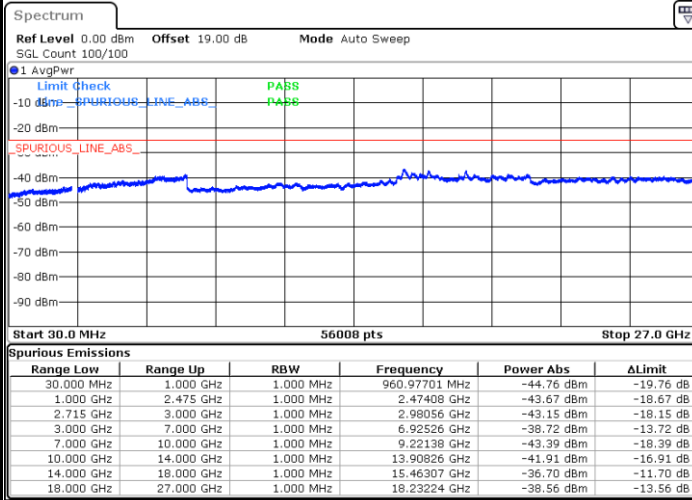


Date: 3.MAR.2022 18:29:23



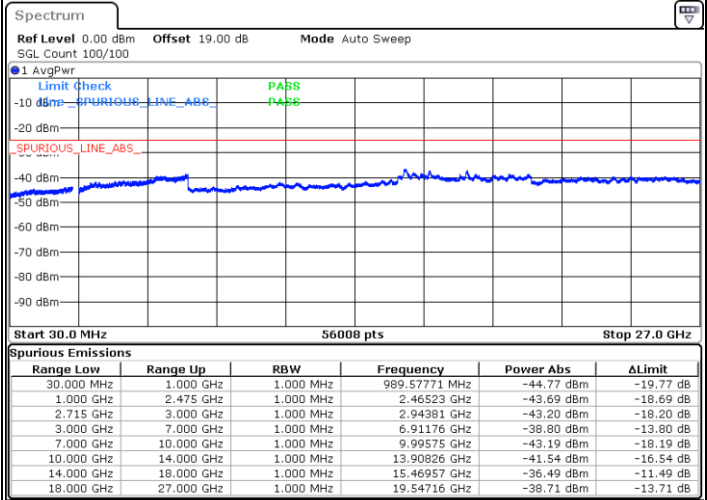
LTE Band 41 / 20MHz

Middle Channel / QPSK



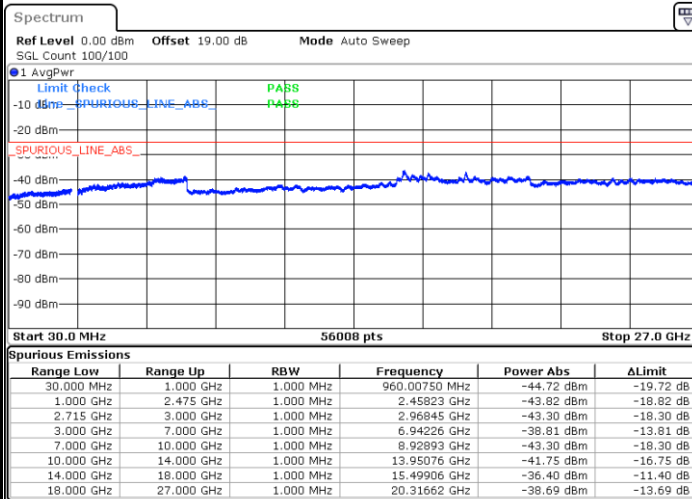
Date: 3.MAR.2022 18:30:40

Middle Channel / 16QAM



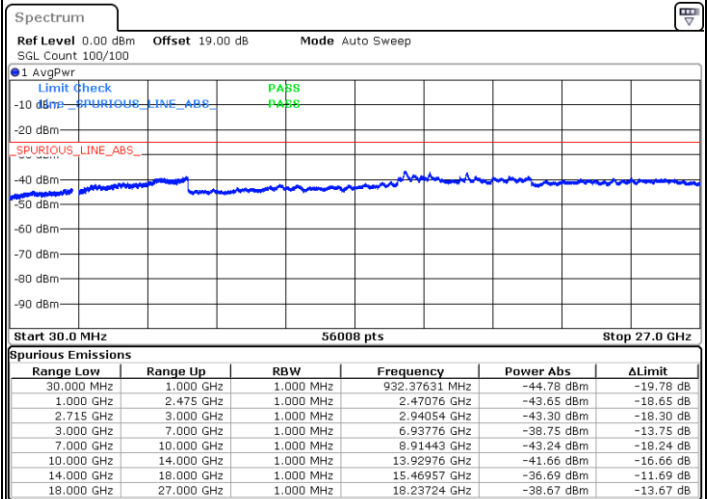
Date: 3.MAR.2022 18:31:58

Highest Channel / QPSK



Date: 3.MAR.2022 18:33:15

Highest Channel / 16QAM

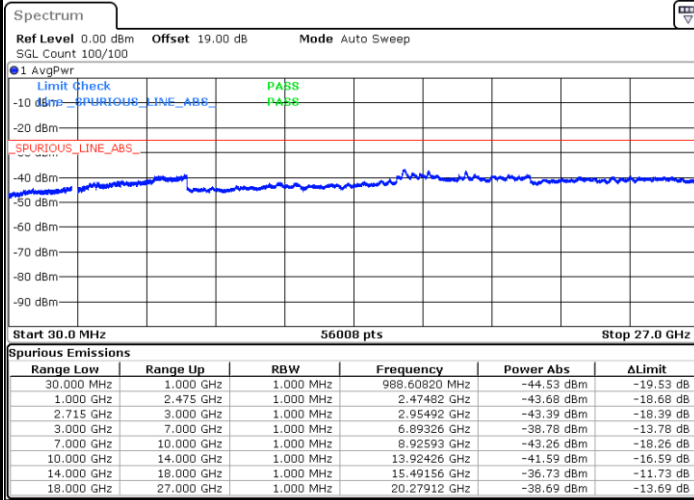


Date: 3.MAR.2022 18:34:32



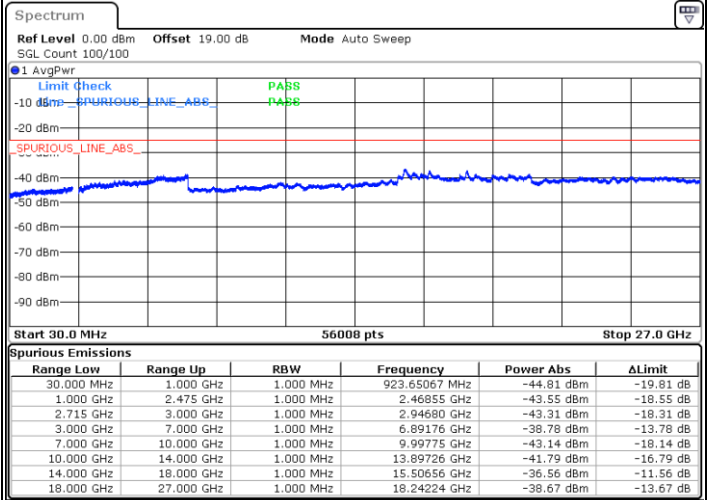
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



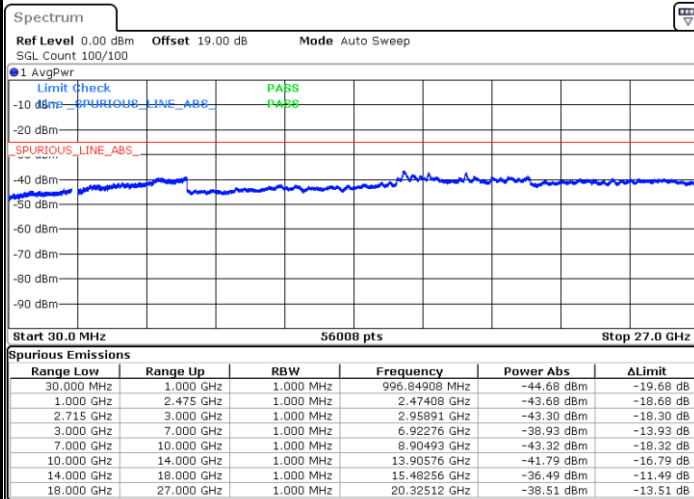
Date: 3.MAR.2022 19:03:17

Middle Channel / 64QAM



Date: 3.MAR.2022 19:04:34

Highest Channel / 64QAM

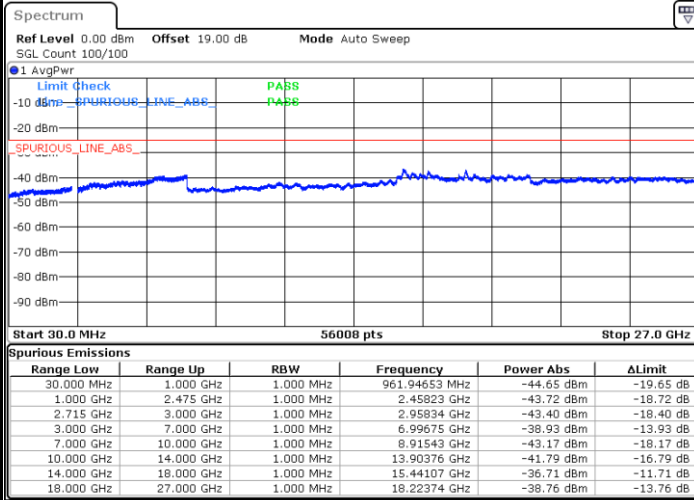


Date: 3.MAR.2022 19:05:51



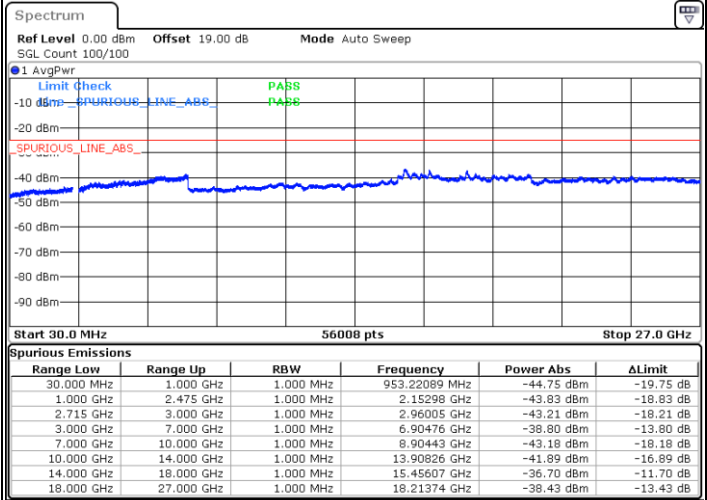
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



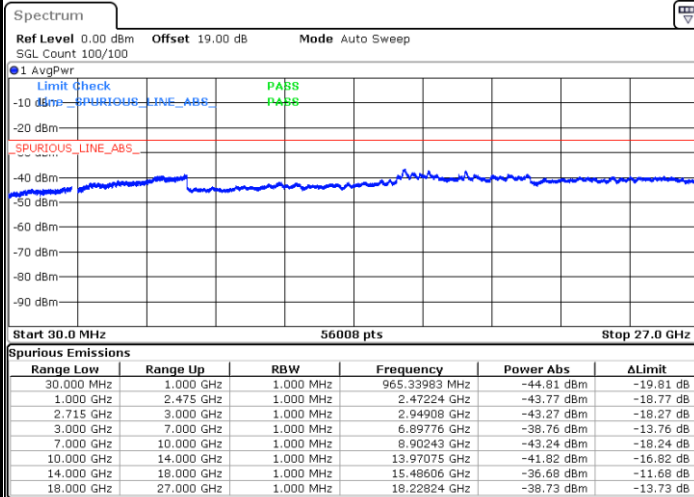
Date: 3.MAR.2022 19:07:09

Middle Channel / 64QAM



Date: 3.MAR.2022 19:08:26

Highest Channel / 64QAM

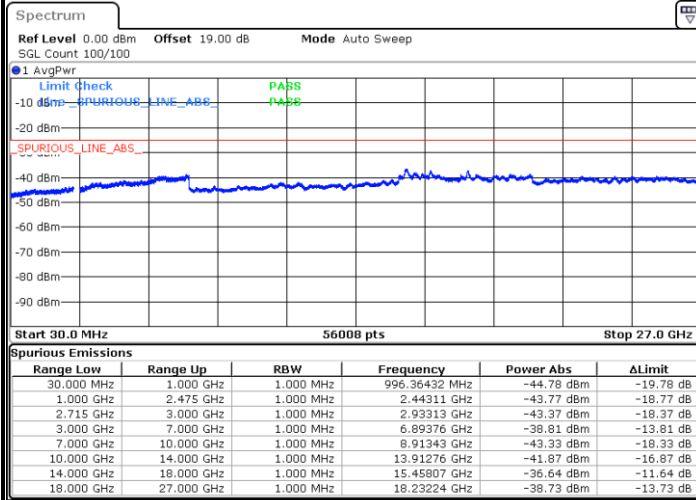


Date: 3.MAR.2022 19:09:43



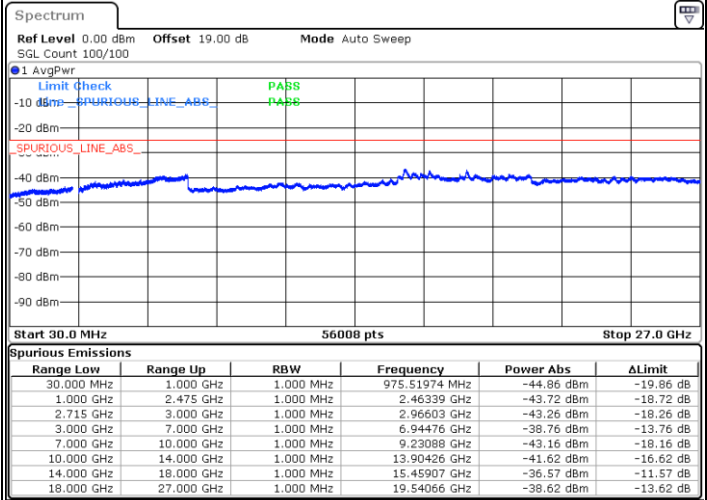
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



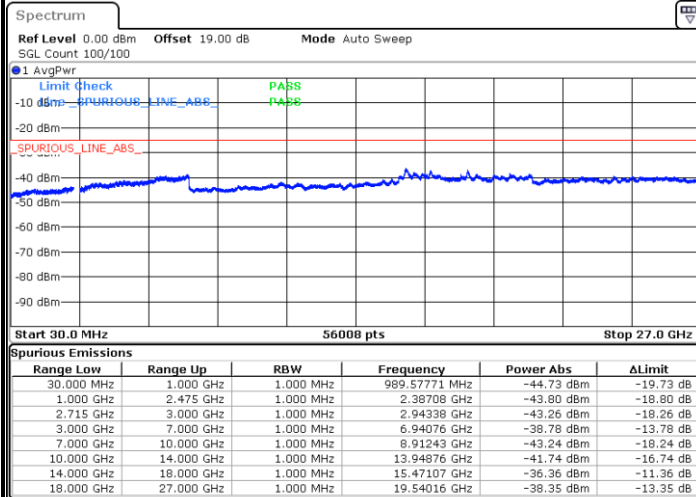
Date: 3.MAR.2022 19:11:01

Middle Channel / 64QAM



Date: 3.MAR.2022 19:12:19

Highest Channel / 64QAM

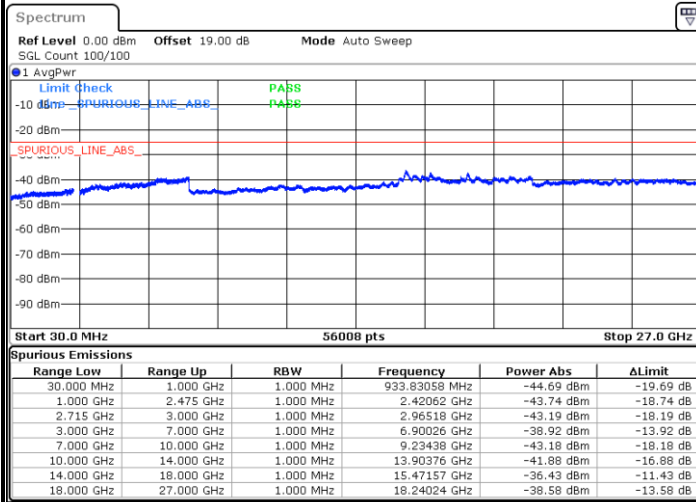


Date: 3.MAR.2022 19:13:36



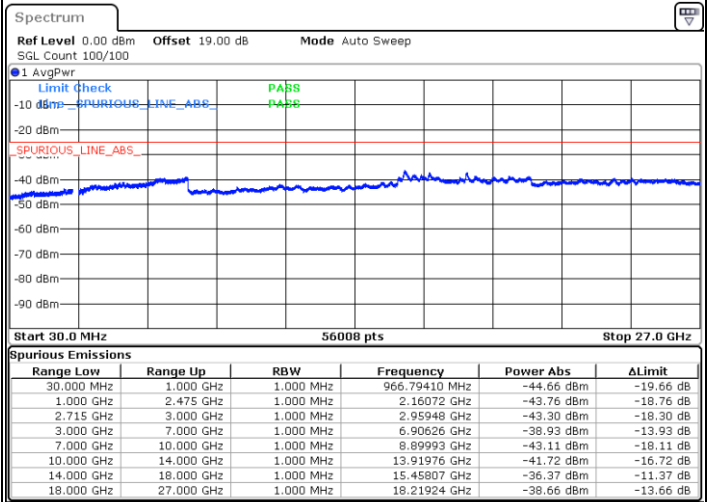
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



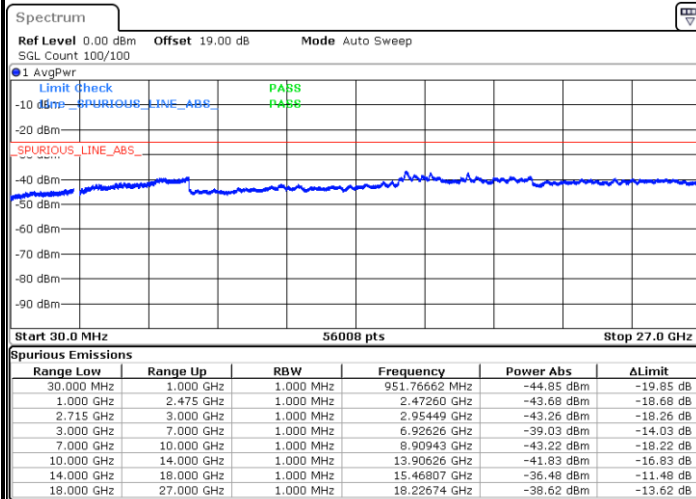
Date: 3.MAR.2022 19:14:54

Middle Channel / 64QAM



Date: 3.MAR.2022 19:16:11

Highest Channel / 64QAM



Date: 3.MAR.2022 19:17:28

**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	0.0010	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0039	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0040	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	ZhangXu	Temperature :	22~25°C
		Relative Humidity :	48~52%

Sample 1 :

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.18	-55.93	-25	-30.93	-79.85	-61.49	7.14	12.70	H
	7752.27	-55.56	-25	-30.56	-81.13	-58.86	8.30	11.60	H
	10336.36	-51.68	-25	-26.68	-82.27	-53.20	10.48	12.00	H
	5168.18	-56.30	-25	-31.30	-80.72	-61.86	7.14	12.70	V
	7752.27	-51.89	-25	-26.89	-80.55	-55.19	8.30	11.60	V
	10336.36	-49.95	-25	-24.95	-82.29	-51.47	10.48	12.00	V

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

Sample 2 :

LTE Band 41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168.18	-57.03	-25	-32.03	-80.95	-62.59	7.14	12.70	H
	7752.27	-55.77	-25	-30.77	-81.34	-59.07	8.30	11.60	H
	10336.36	-52.34	-25	-27.34	-82.93	-53.86	10.48	12.00	H
	5168.18	-56.85	-25	-31.85	-81.27	-62.41	7.14	12.70	V
	7752.27	-52.16	-25	-27.16	-80.82	-55.46	8.30	11.60	V
	10336.36	-50.38	-25	-25.38	-82.72	-51.90	10.48	12.00	V

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