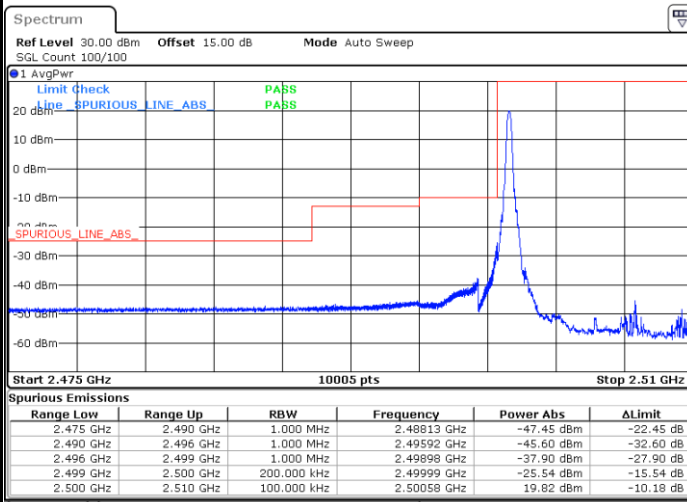




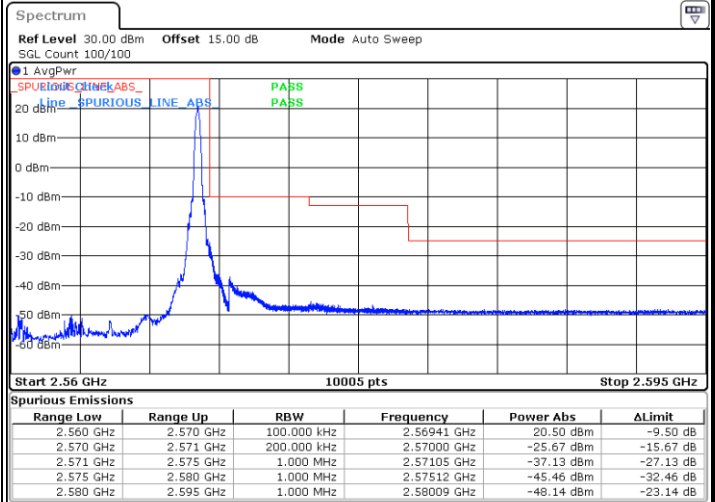
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



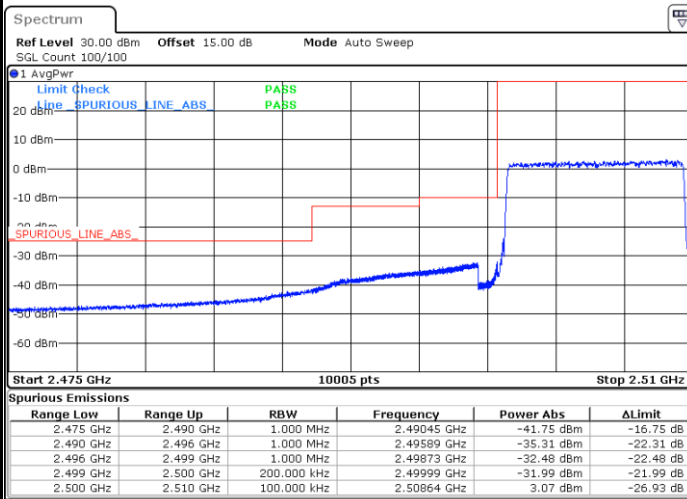
Date: 24.DEC.2021 16:42:36

Highest Band Edge / 1 RB



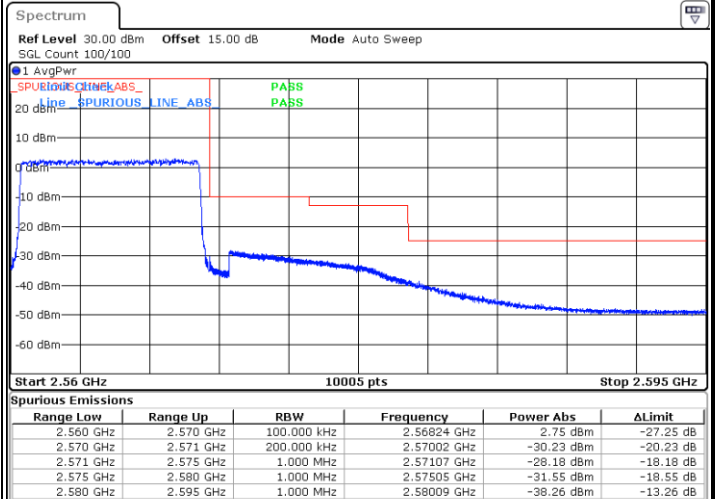
Date: 24.DEC.2021 16:47:25

Lowest Band Edge / Full RB



Date: 24.DEC.2021 16:43:35

Highest Band Edge / Full RB

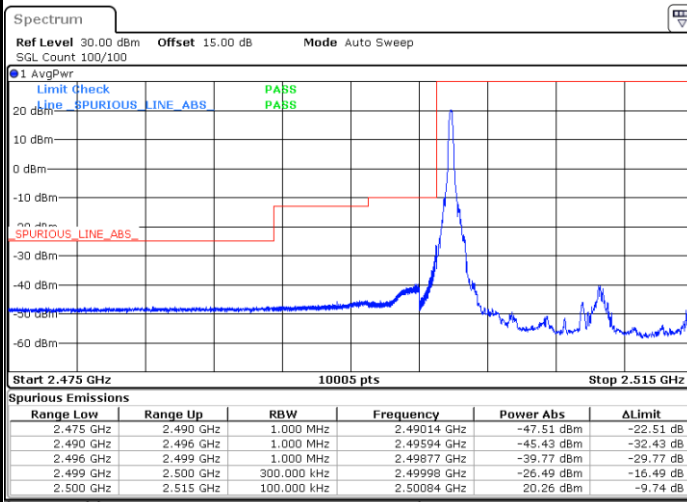


Date: 24.DEC.2021 16:48:25



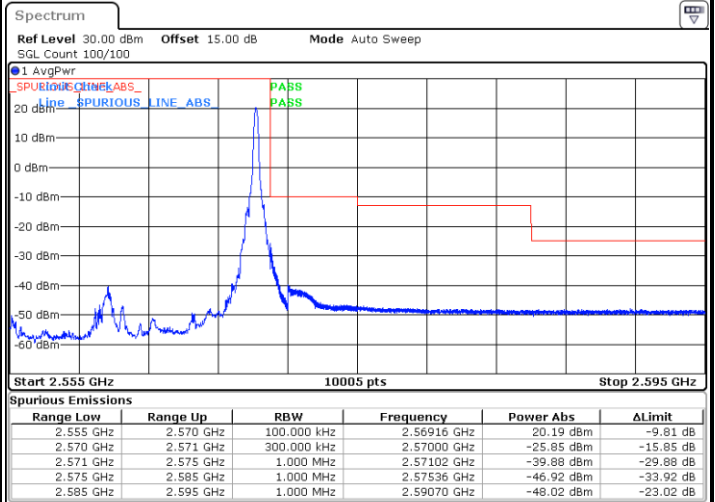
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



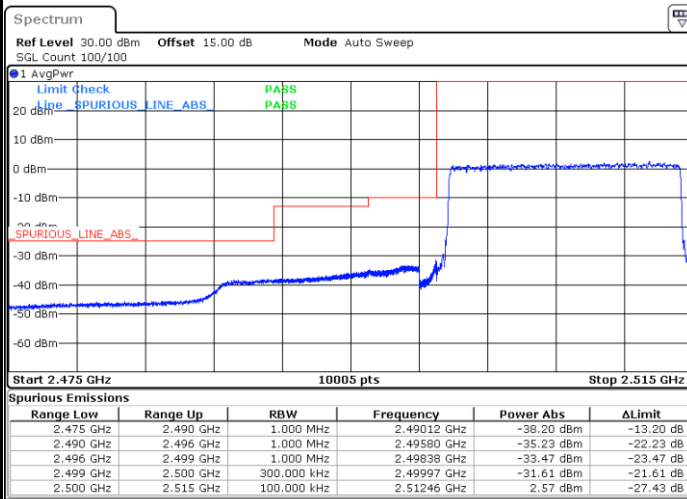
Date: 24.DEC.2021 16:51:12

Highest Band Edge / 1 RB



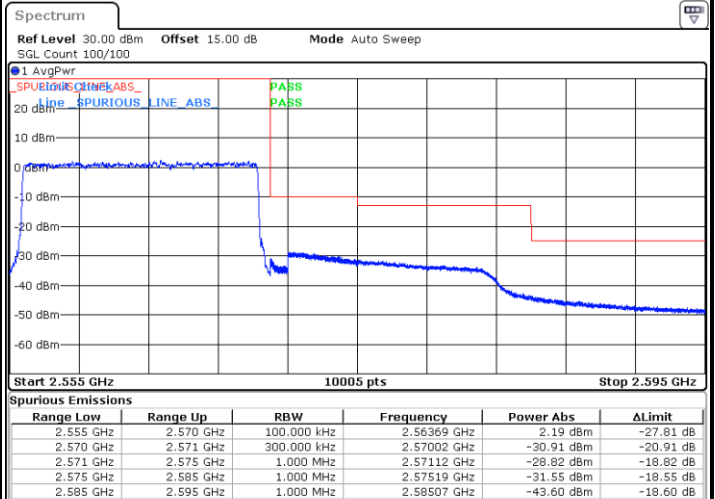
Date: 24.DEC.2021 17:00:52

Lowest Band Edge / Full RB



Date: 24.DEC.2021 16:53:11

Highest Band Edge / Full RB

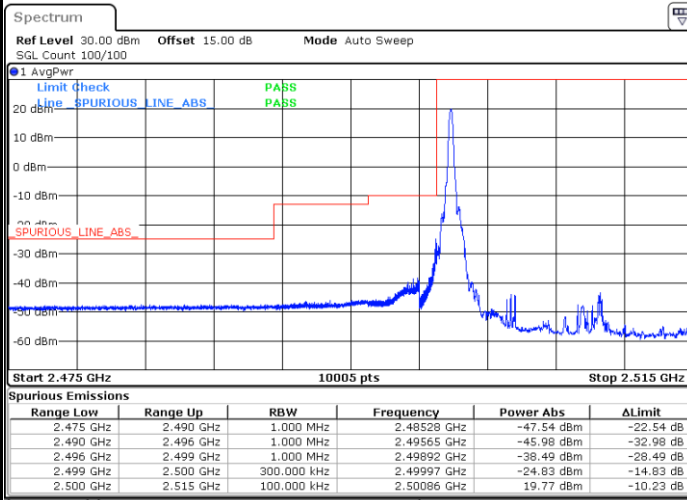


Date: 24.DEC.2021 17:02:50



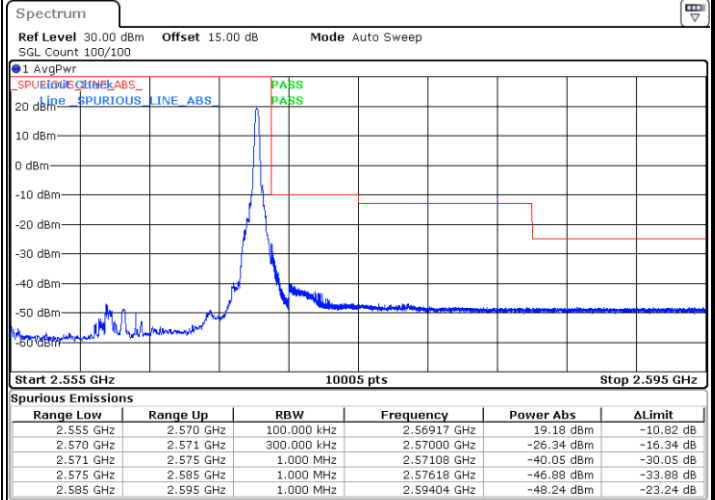
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



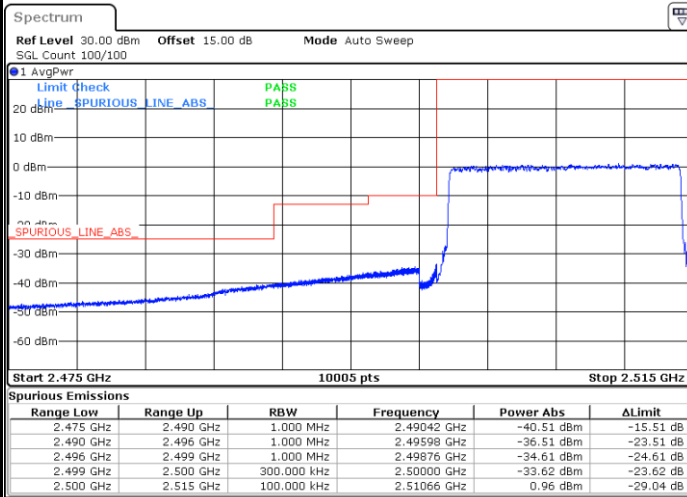
Date: 24.DEC.2021 16:52:11

Highest Band Edge / 1 RB



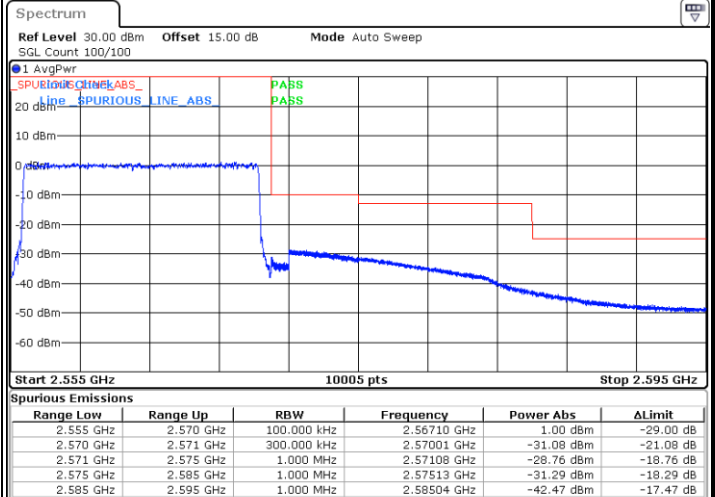
Date: 24.DEC.2021 17:01:51

Lowest Band Edge / Full RB



Date: 24.DEC.2021 16:54:11

Highest Band Edge / Full RB

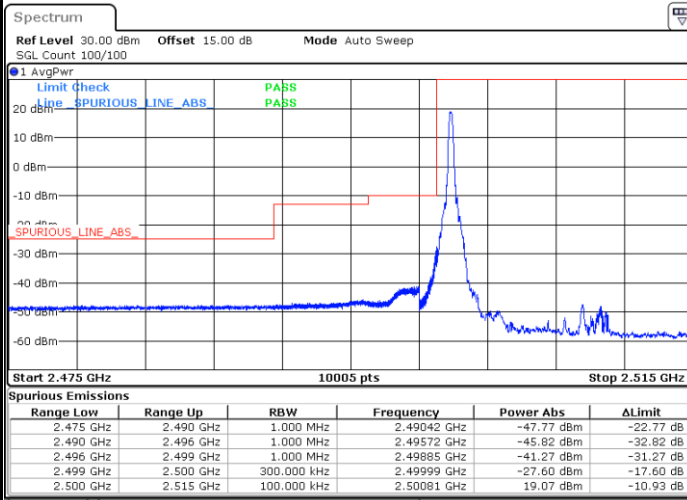


Date: 24.DEC.2021 17:03:50



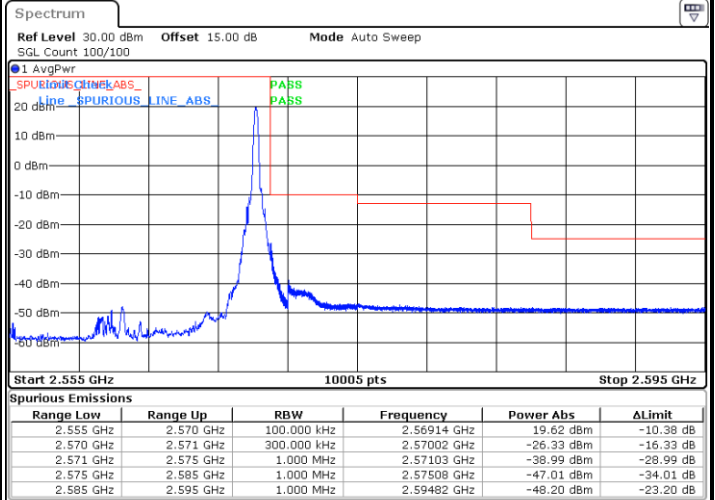
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



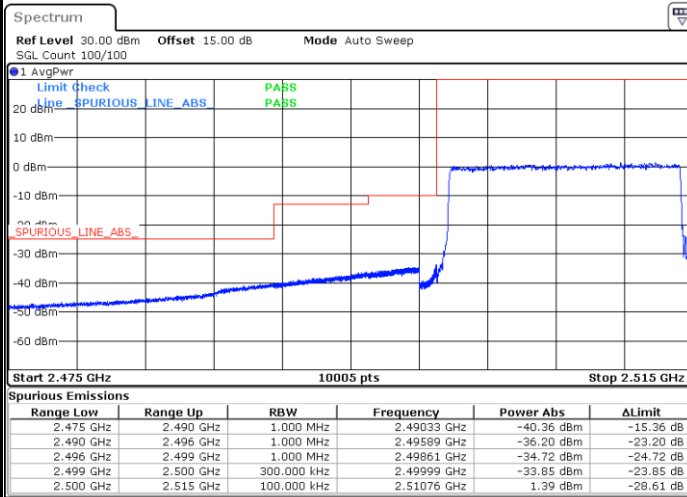
Date: 24.DEC.2021 17:07:18

Highest Band Edge / 1 RB



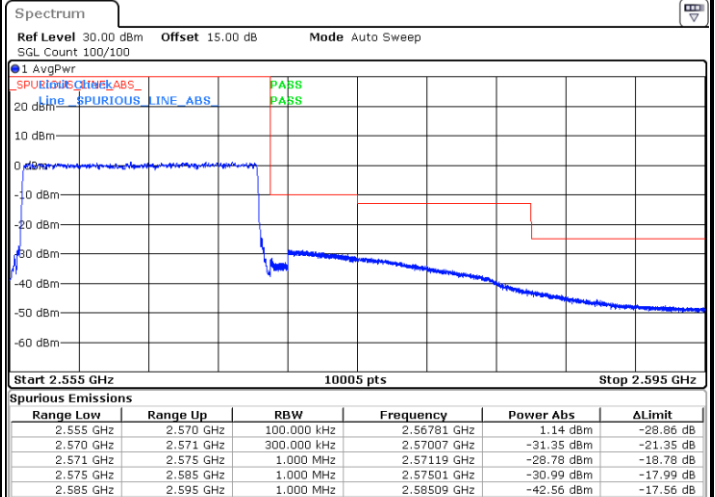
Date: 24.DEC.2021 17:12:08

Lowest Band Edge / Full RB



Date: 24.DEC.2021 17:08:18

Highest Band Edge / Full RB



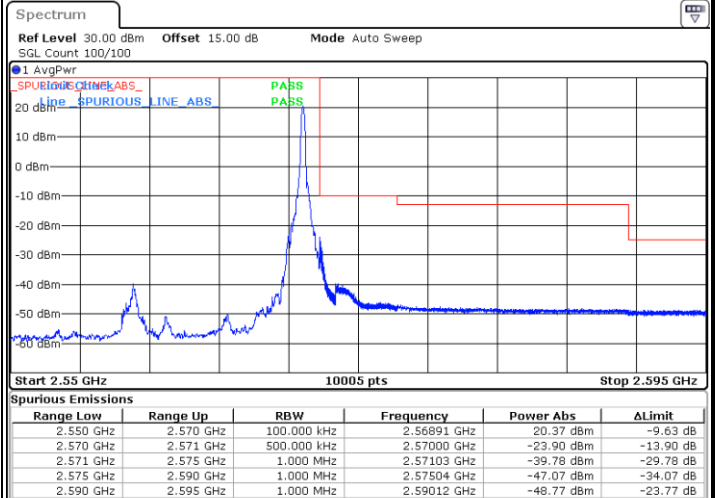
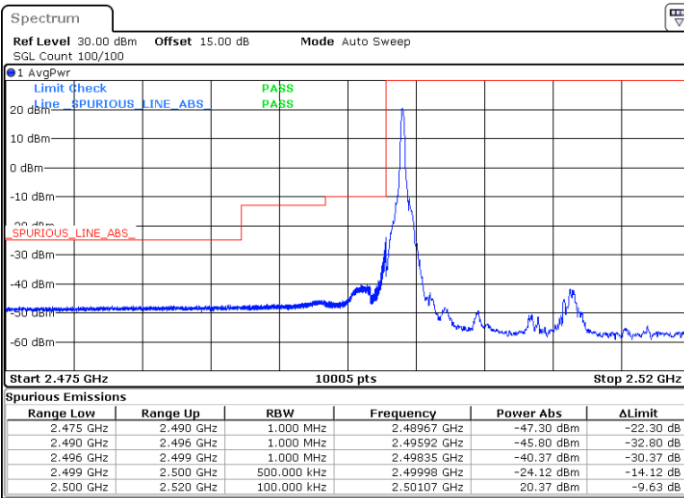
Date: 24.DEC.2021 17:13:07



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

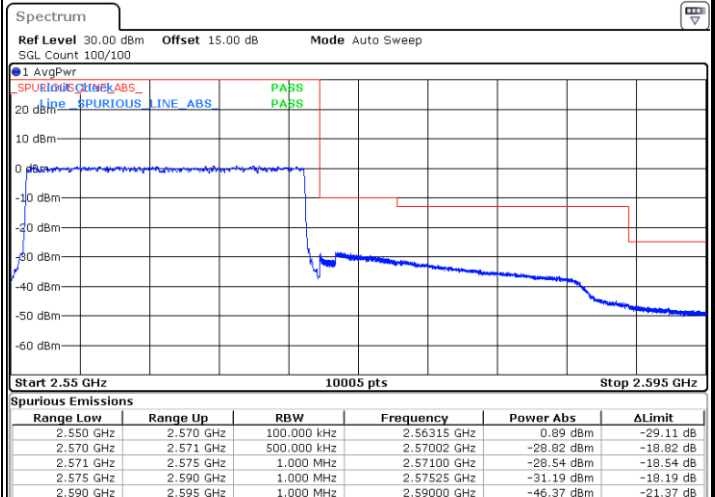
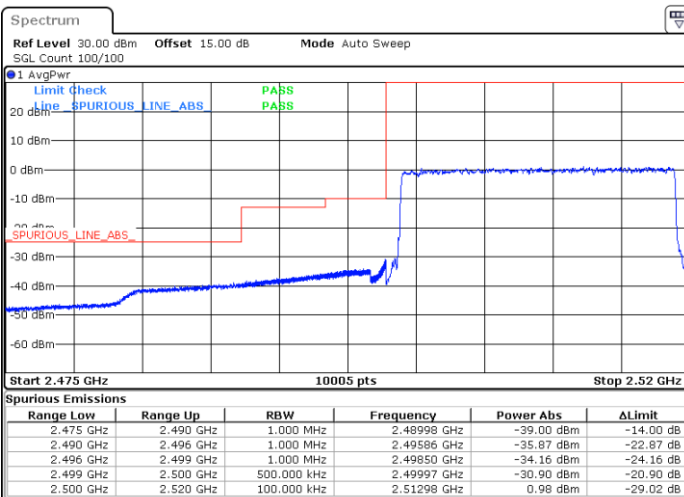


Date: 24.DEC.2021 17:15:54

Date: 24.DEC.2021 17:25:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



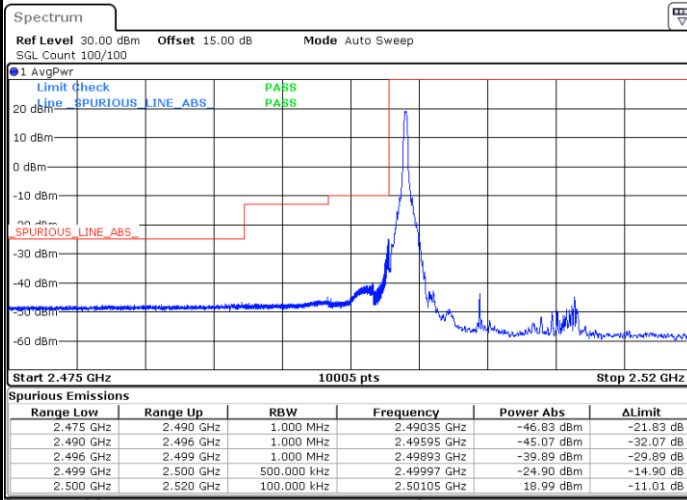
Date: 24.DEC.2021 17:17:54

Date: 24.DEC.2021 17:28:34



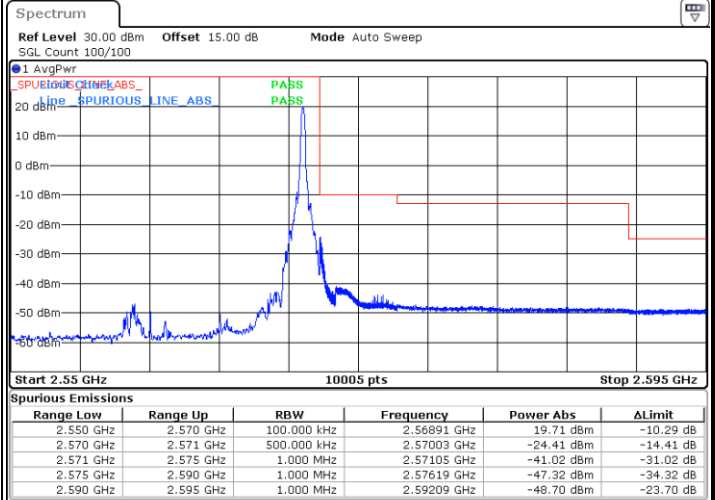
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



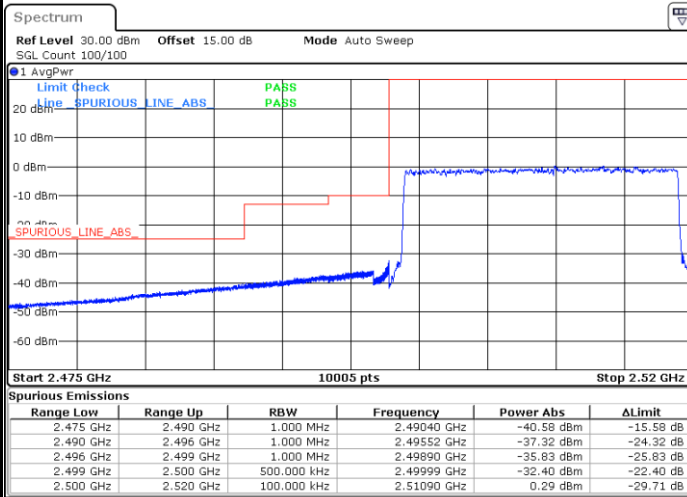
Date: 24.DEC.2021 17:16:54

Highest Band Edge / 1RB



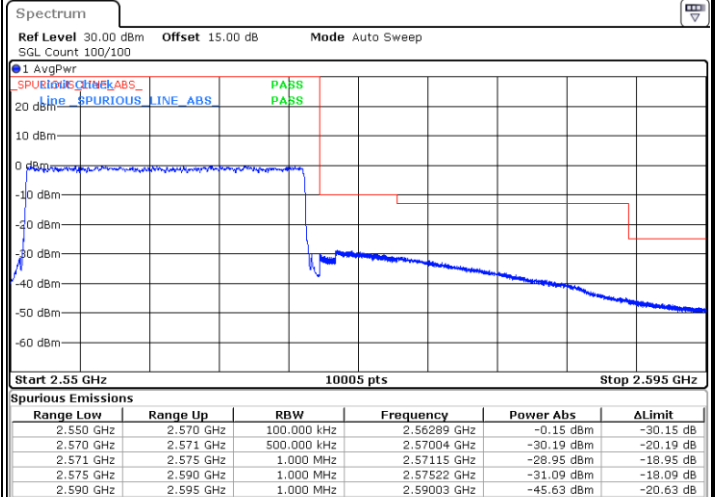
Date: 24.DEC.2021 17:26:35

Lowest Band Edge / Full RB



Date: 24.DEC.2021 17:18:53

Highest Band Edge / Full RB

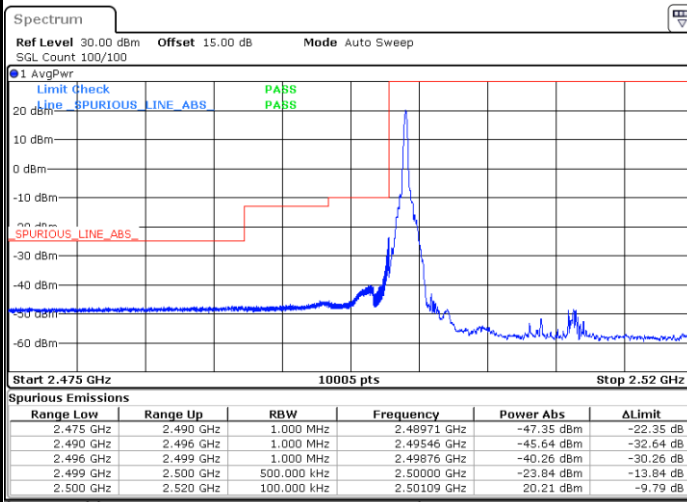


Date: 24.DEC.2021 17:27:34



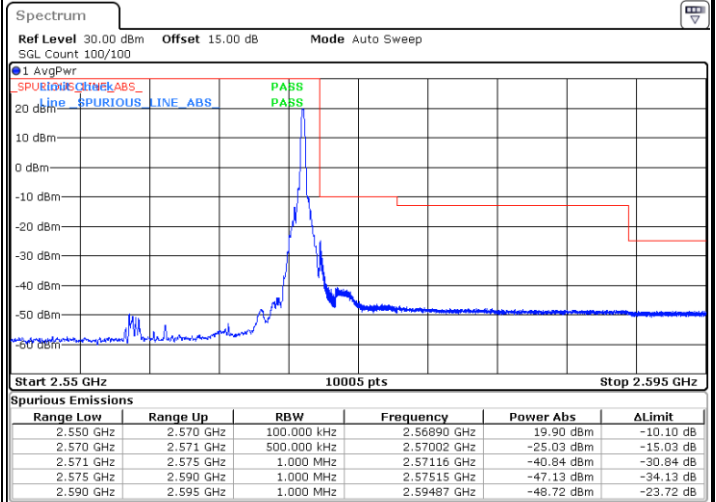
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



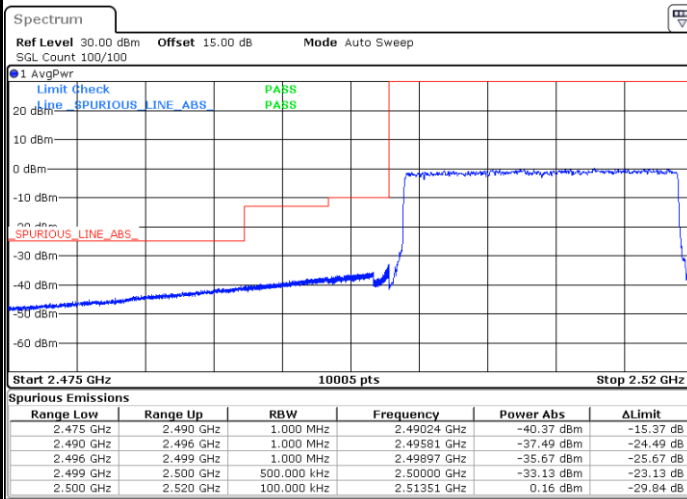
Date: 24.DEC.2021 17:32:02

Highest Band Edge / 1 RB



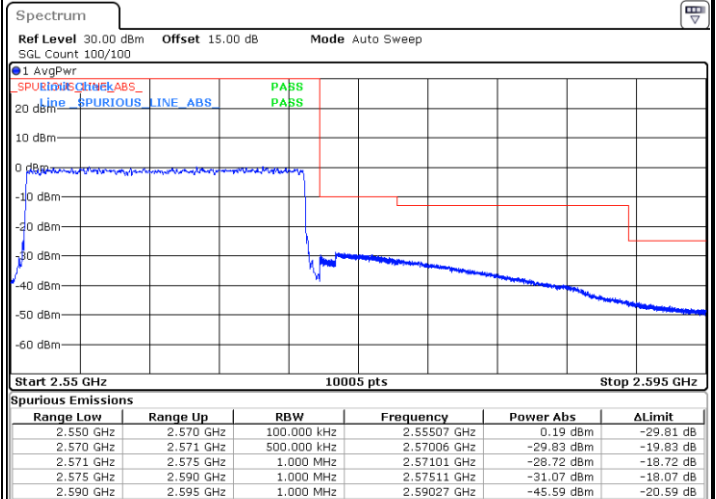
Date: 24.DEC.2021 17:36:52

Lowest Band Edge / Full RB



Date: 24.DEC.2021 17:33:02

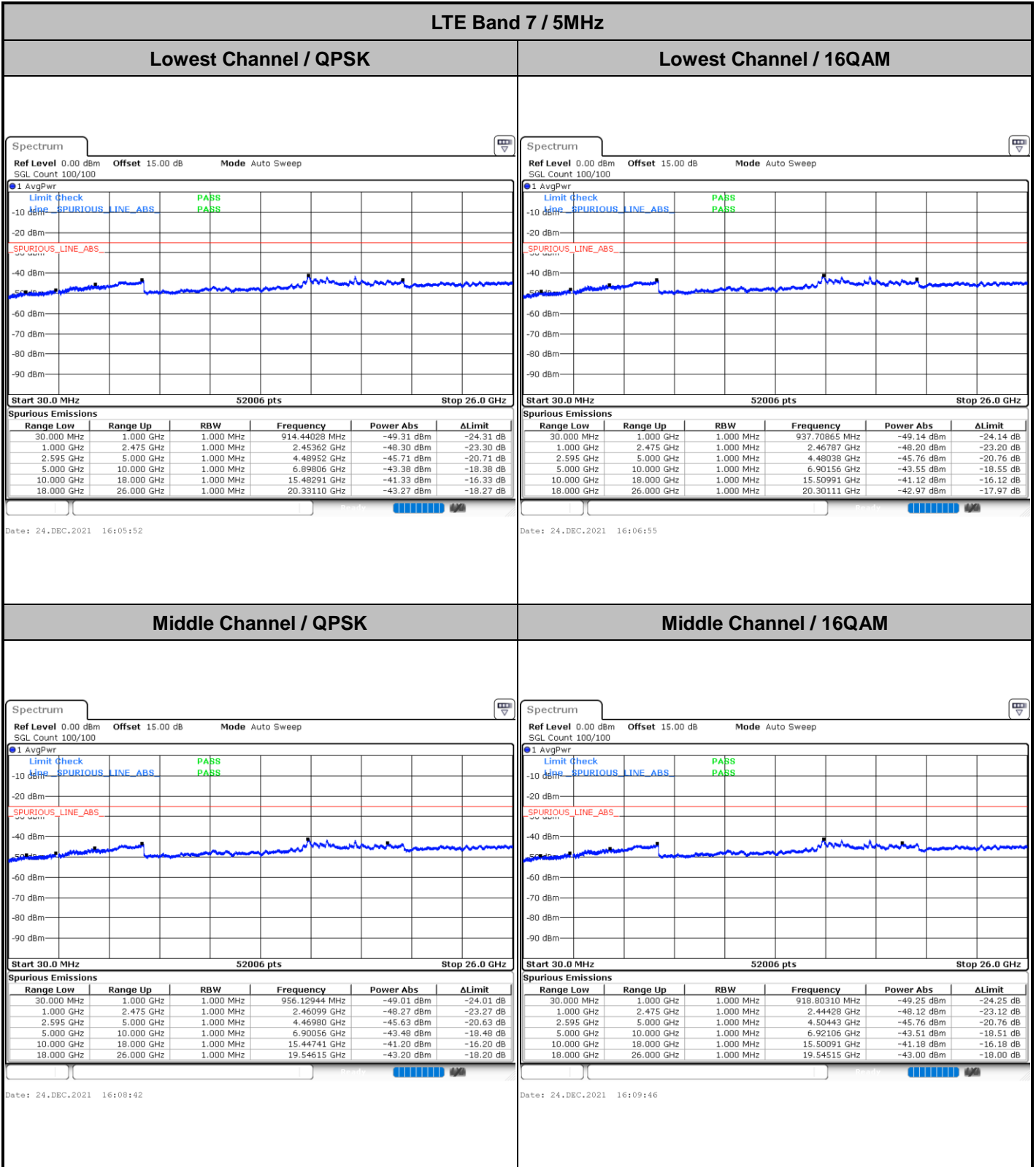
Highest Band Edge / Full RB



Date: 24.DEC.2021 17:37:52



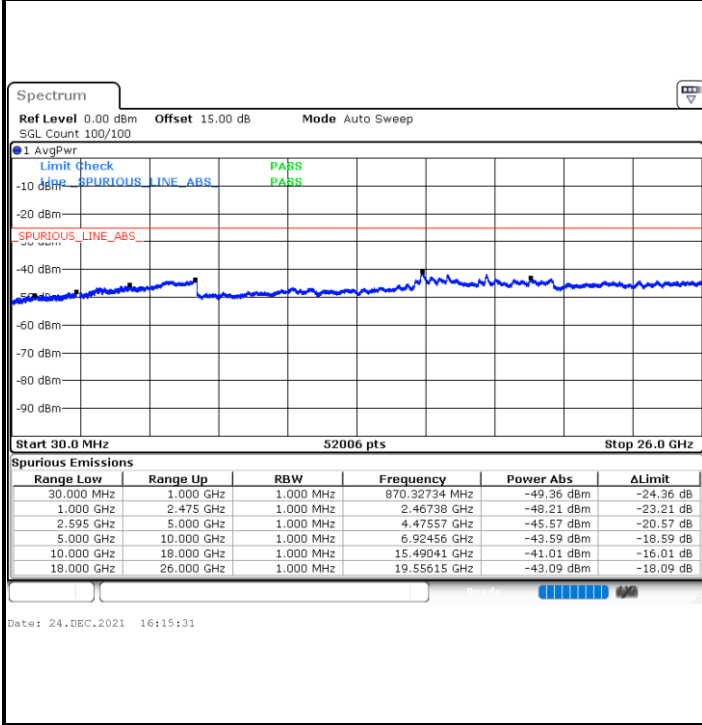
Conducted Spurious Emission



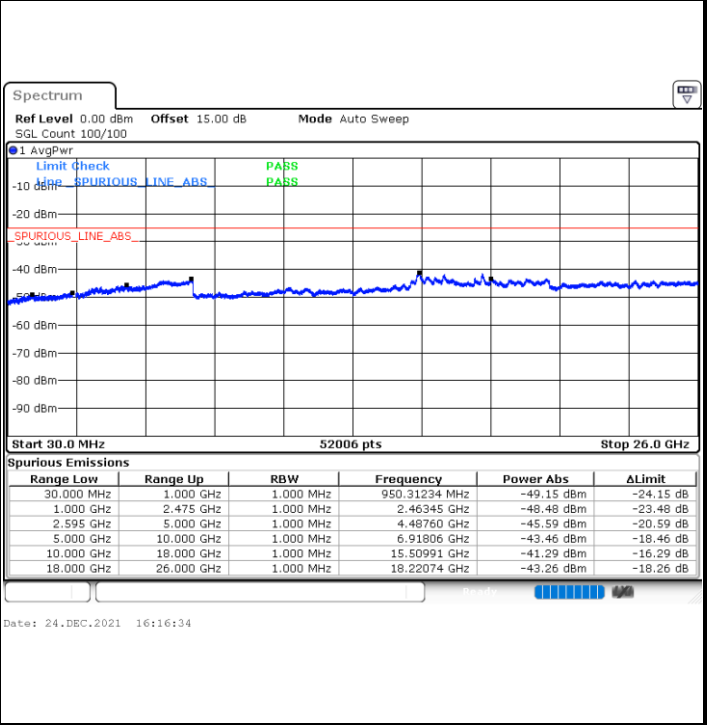


LTE Band 7 / 5MHz

Highest Channel / QPSK

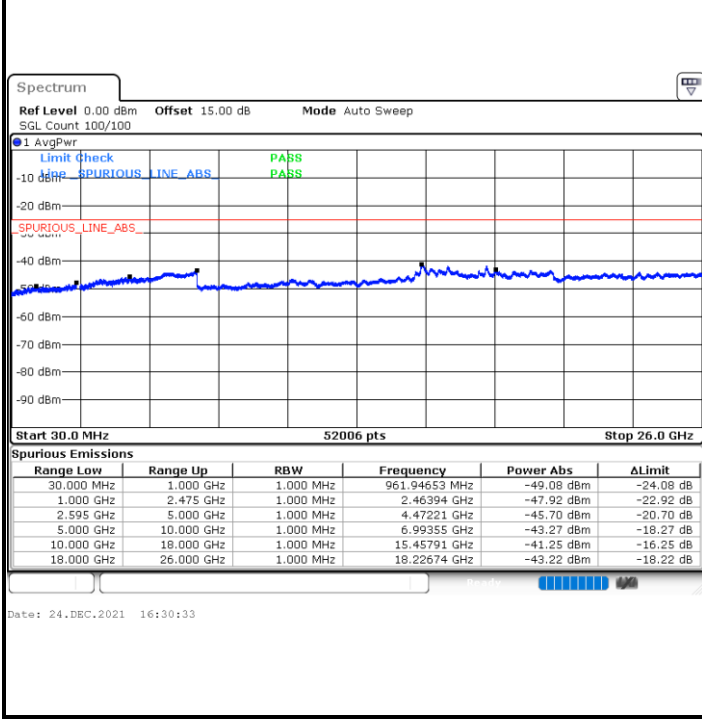


Highest Channel / 16QAM

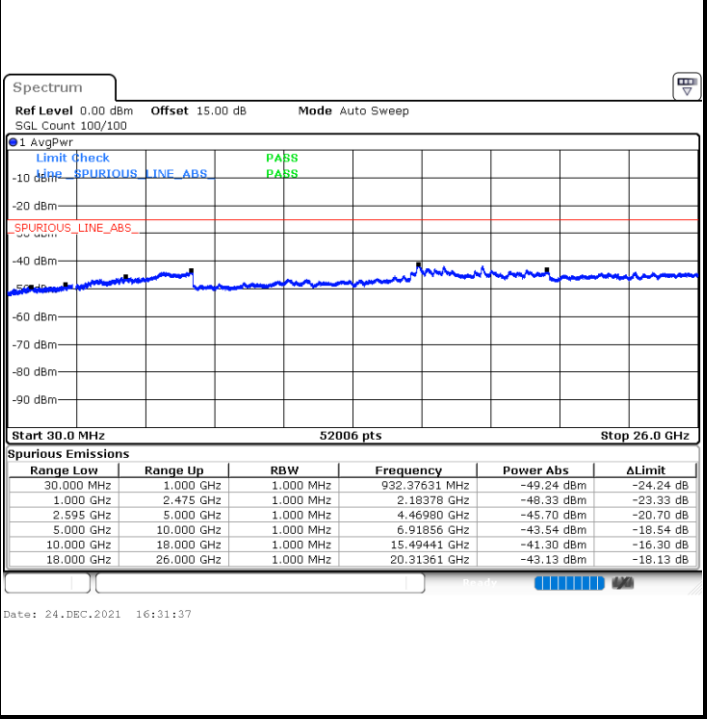


LTE Band 7 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

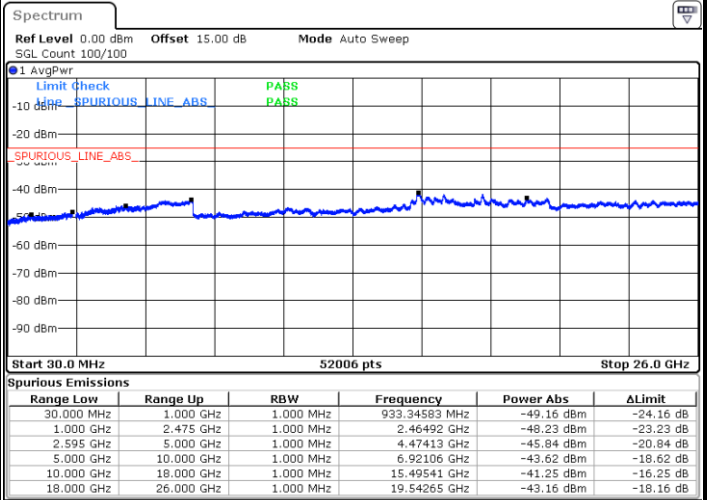
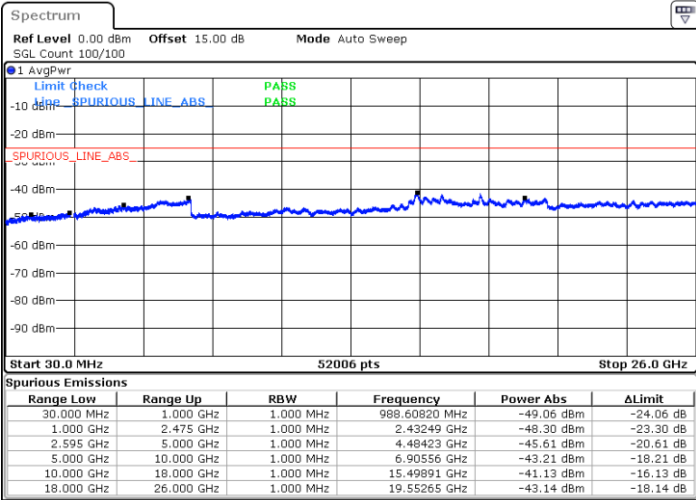




LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

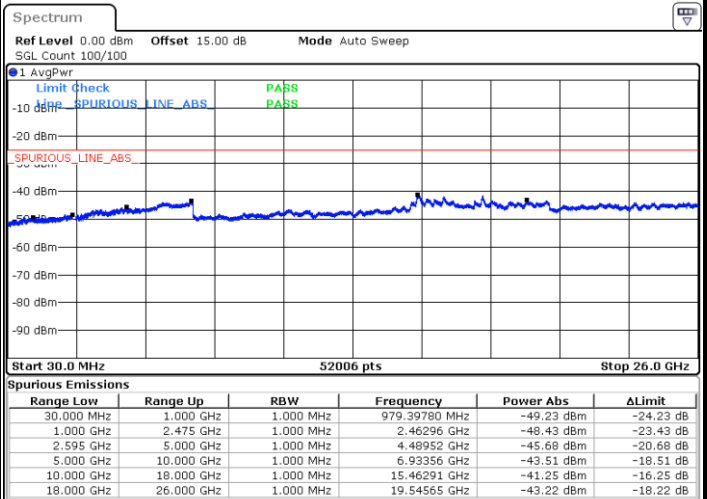
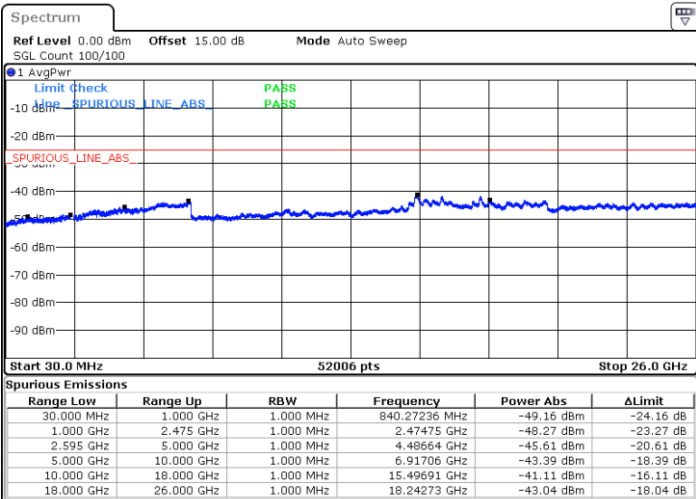


Date: 24.DEC.2021 16:33:24

Date: 24.DEC.2021 16:34:27

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.DEC.2021 16:40:12

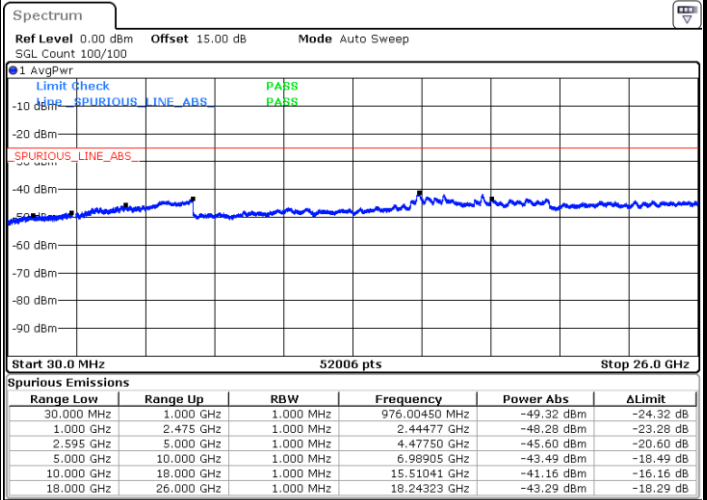
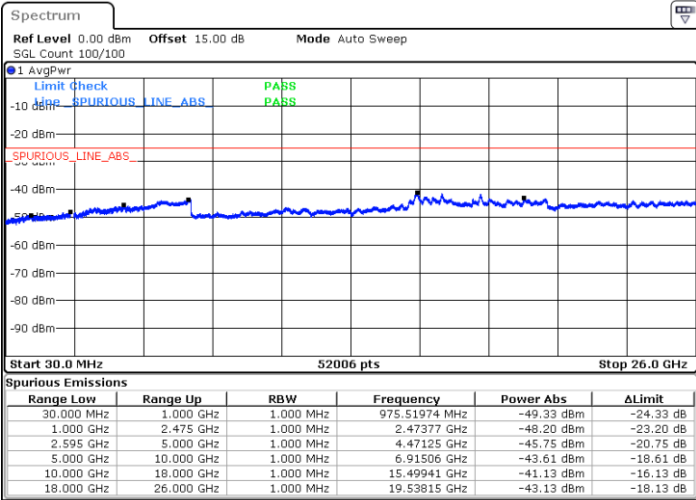
Date: 24.DEC.2021 16:41:15



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

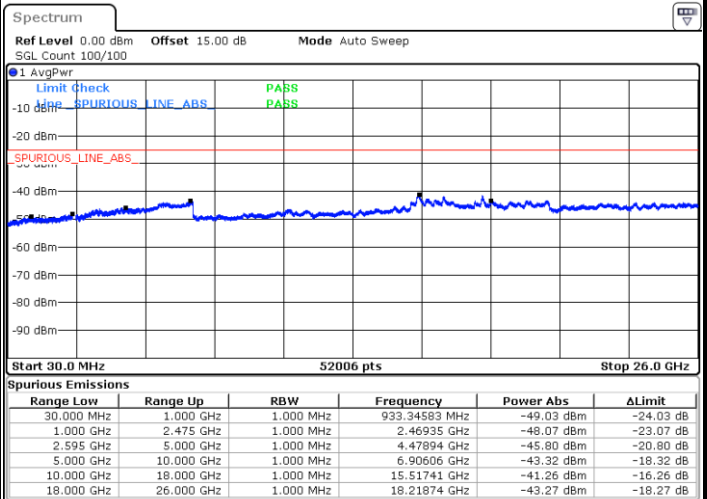
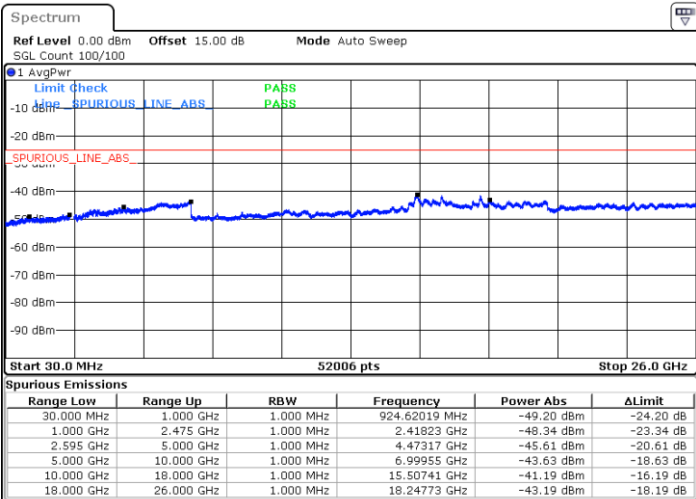


Date: 24.DEC.2021 16:55:15

Date: 24.DEC.2021 16:56:18

Middle Channel / QPSK

Middle Channel / 16QAM



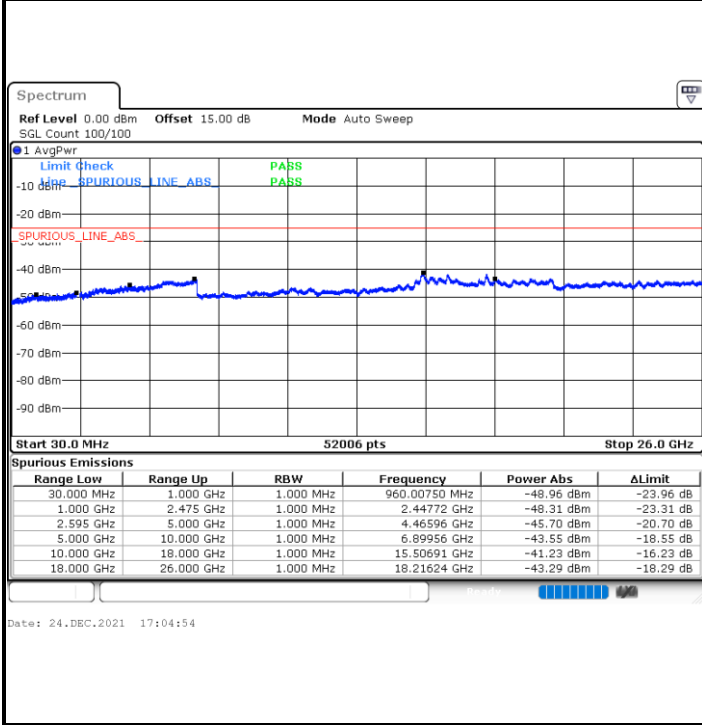
Date: 24.DEC.2021 16:58:05

Date: 24.DEC.2021 16:59:09

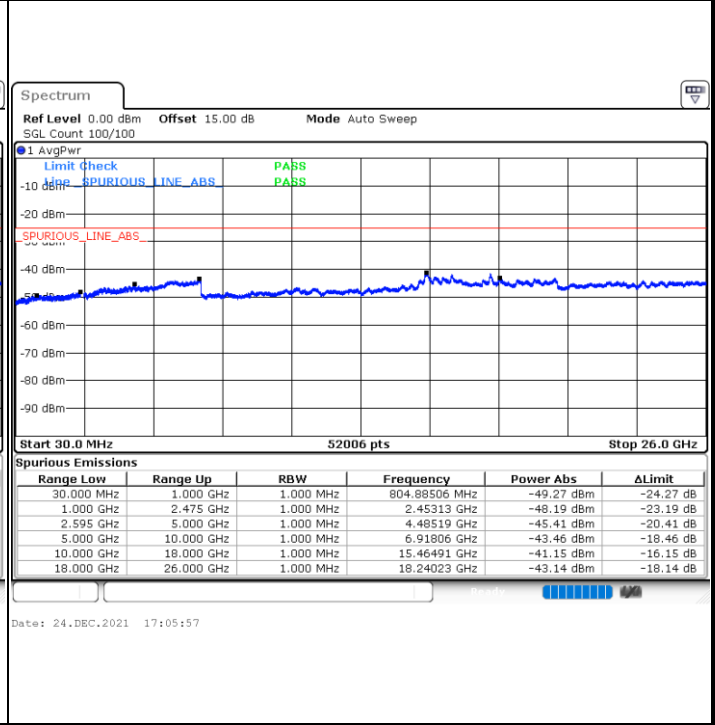


LTE Band 7 / 15MHz

Highest Channel / QPSK

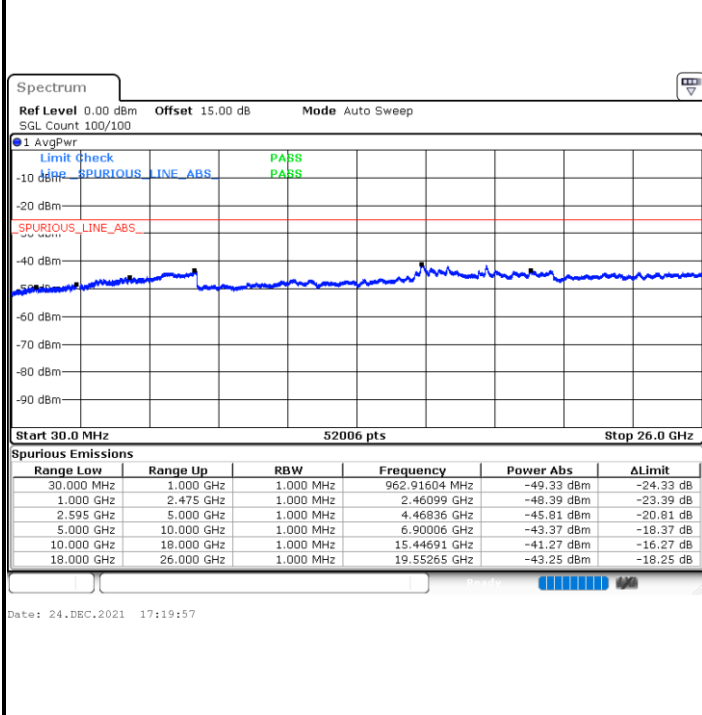


Highest Channel / 16QAM

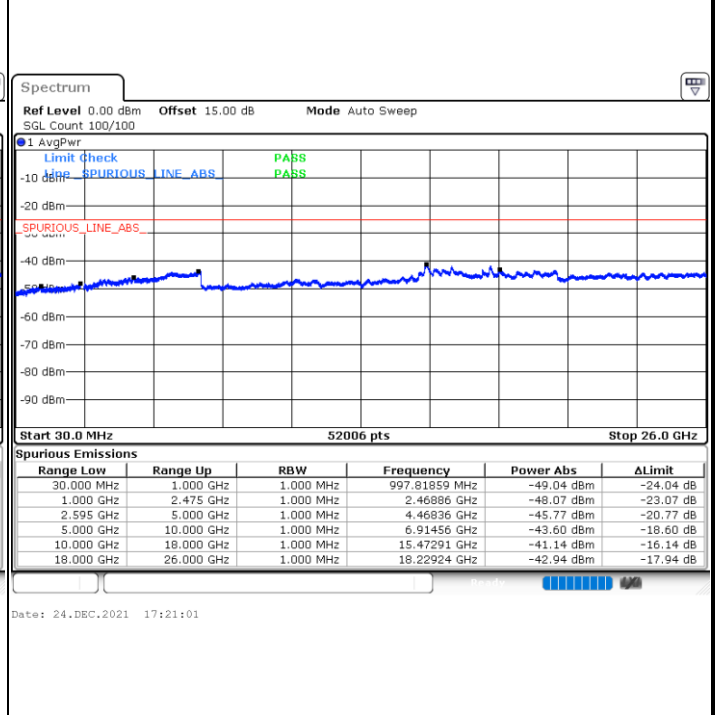


LTE Band 7 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

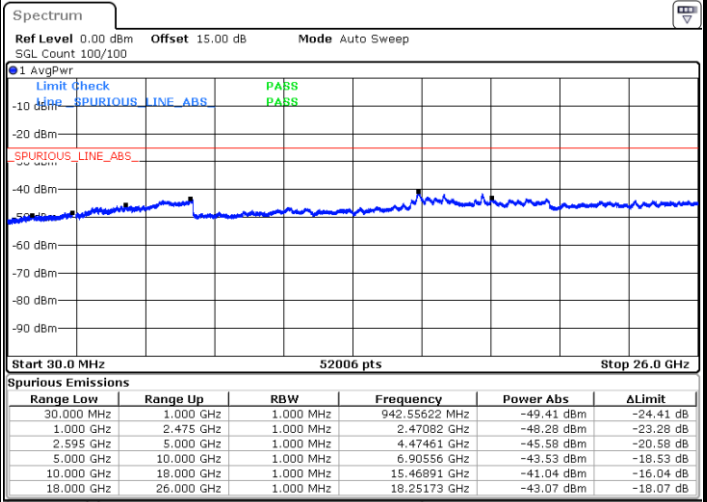
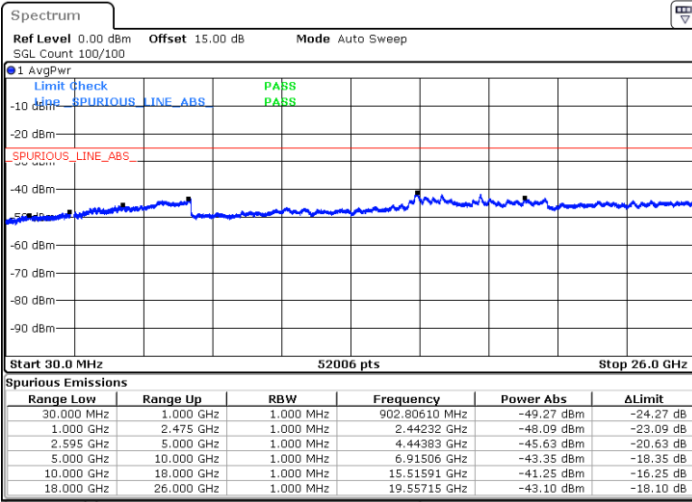




LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

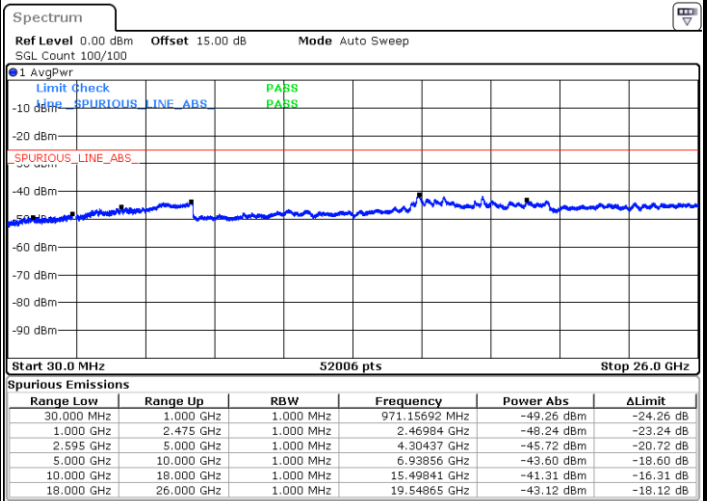
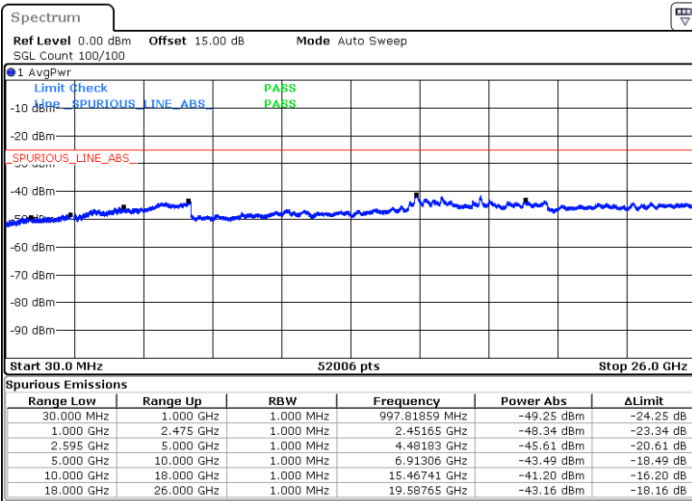


Date: 24.DEC.2021 17:22:48

Date: 24.DEC.2021 17:23:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.DEC.2021 17:29:38

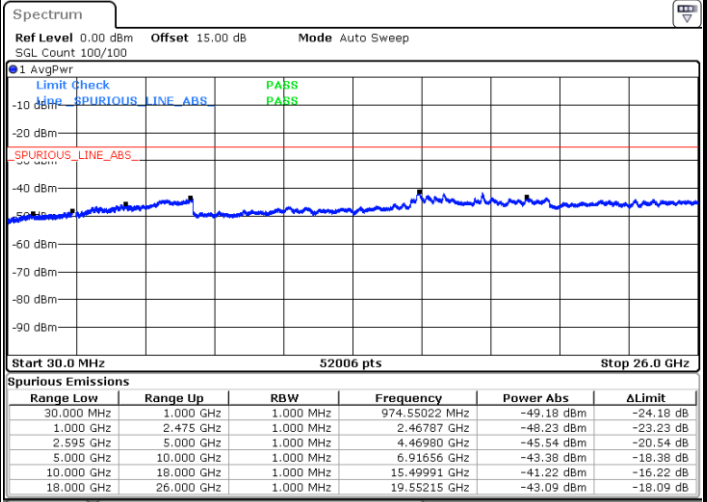
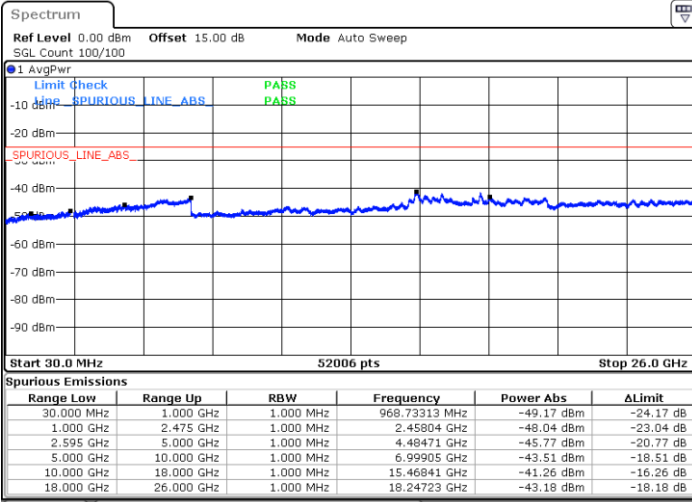
Date: 24.DEC.2021 17:30:41



LTE Band 7 / 5MHz

Lowest Channel / 64QAM

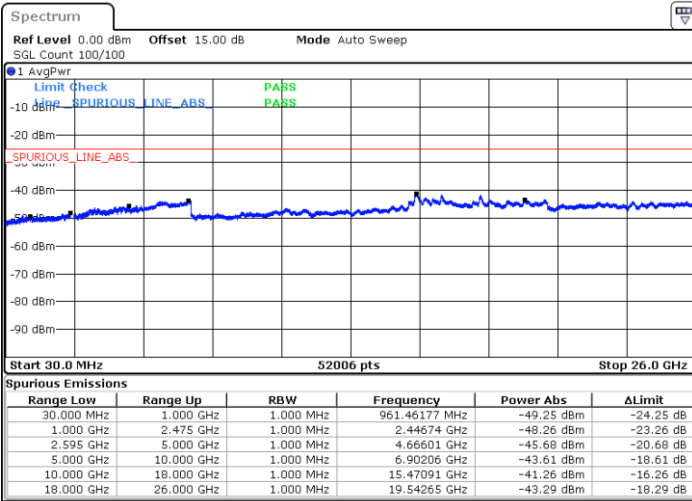
Middle Channel / 64QAM



Date: 24.DEC.2021 16:19:59

Date: 24.DEC.2021 16:21:24

Highest Channel / 64QAM



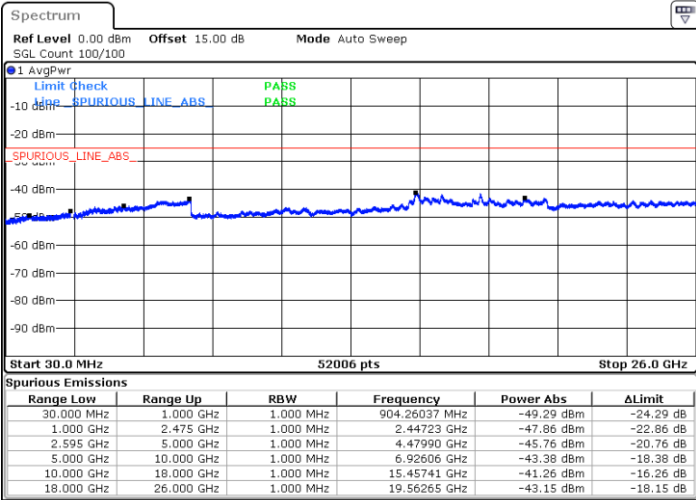
Date: 24.DEC.2021 16:24:48



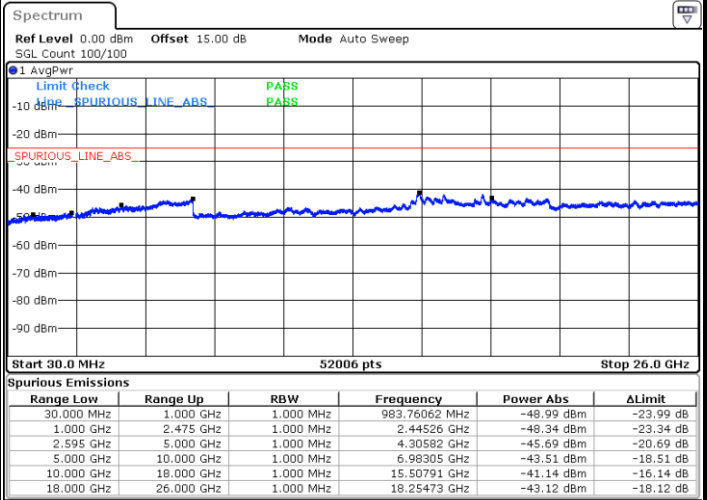
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

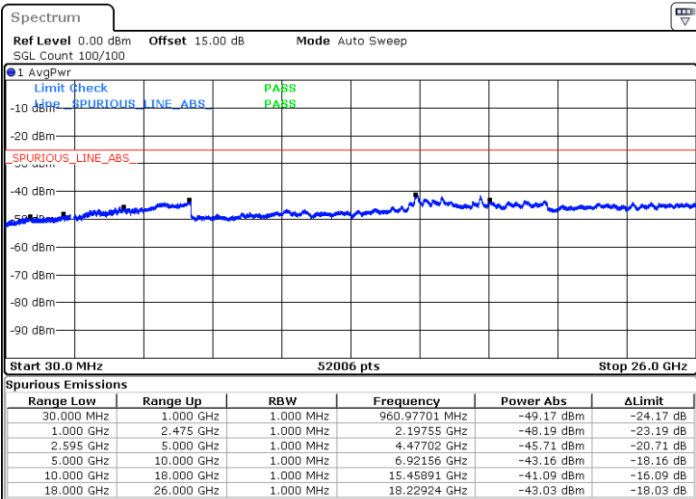


Date: 24.DEC.2021 16:44:39



Date: 24.DEC.2021 16:46:05

Highest Channel / 64QAM



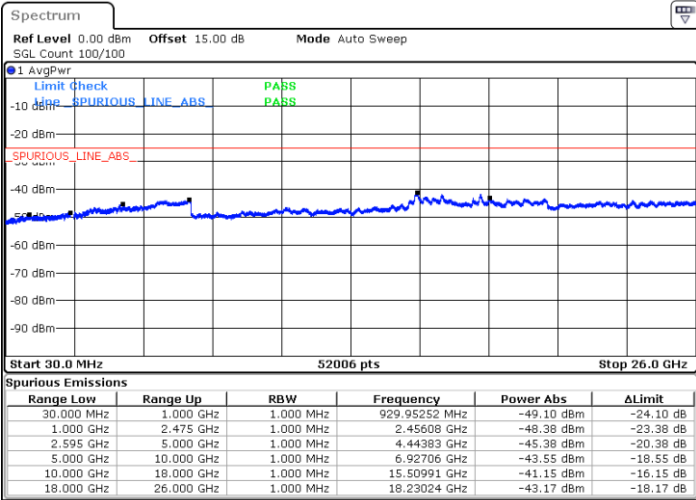
Date: 24.DEC.2021 16:49:28



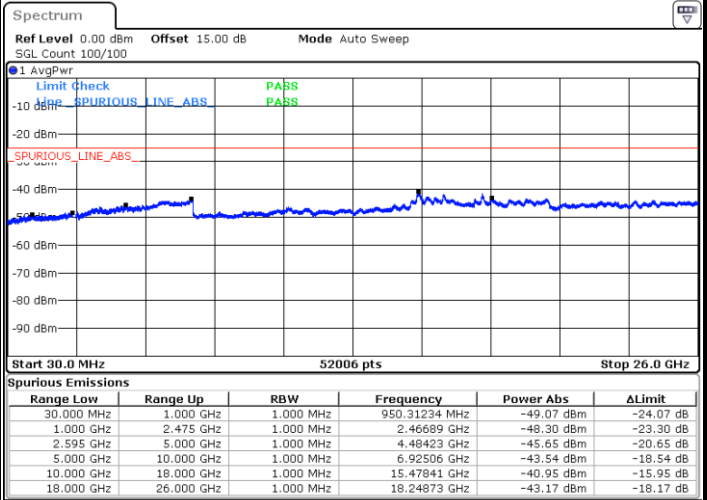
LTE Band 7 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

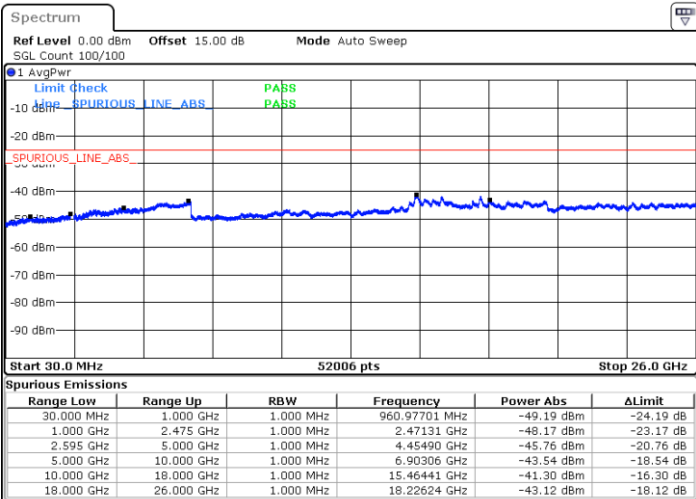


Date: 24.DEC.2021 17:09:22



Date: 24.DEC.2021 17:10:47

Highest Channel / 64QAM



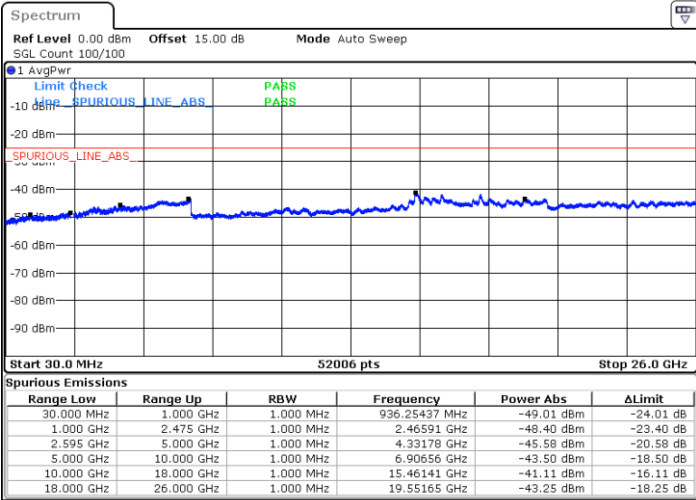
Date: 24.DEC.2021 17:14:11



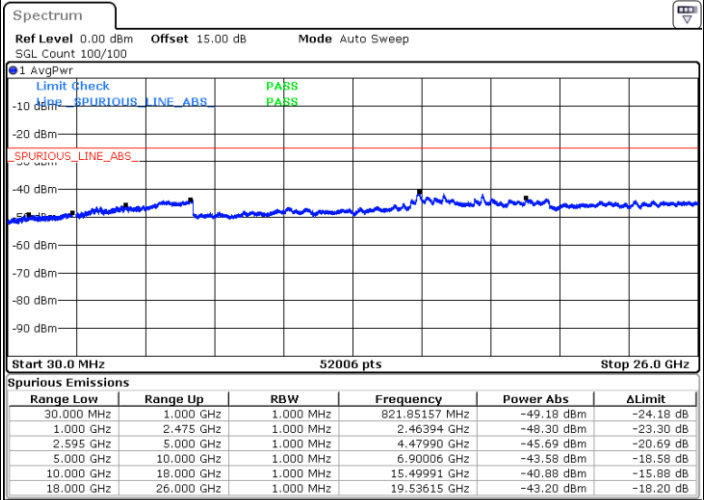
LTE Band 7 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

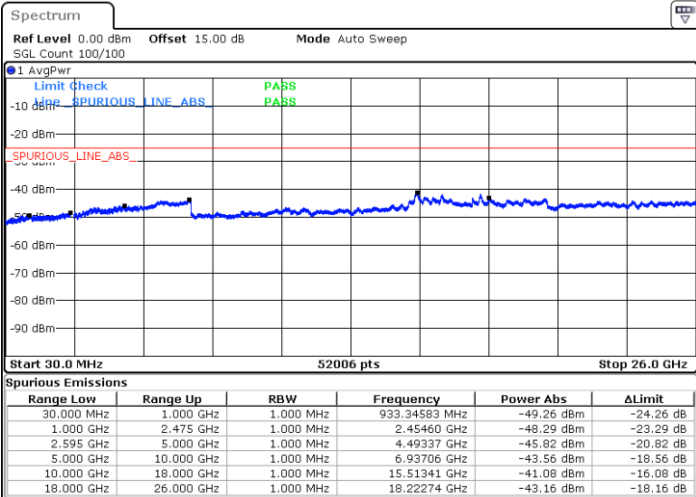


Date: 24.DEC.2021 17:34:06



Date: 24.DEC.2021 17:35:31

Highest Channel / 64QAM



Date: 24.DEC.2021 17:38:55



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0040	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0050	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 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 :	JiaKuan Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 7 / 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	5052.18	-61.61	-25	-36.61	-79.03	-67.17	7.12	12.68	H
	7578.27	-56.56	-25	-31.56	-78.72	-59.89	8.26	11.59	H
	10104.36	-50.44	-25	-25.44	-77.33	-51.97	10.45	11.98	H
	12630.45	-52.28	-25	-27.28	-79.86	-53.95	11.78	13.45	H
	5052.18	-61.87	-25	-36.87	-79.22	-67.43	7.12	12.68	V
	7578.27	-56.63	-25	-31.63	-78.59	-59.96	8.26	11.59	V
	10104.36	-52.63	-25	-27.63	-79.03	-54.16	10.45	11.98	V
	12630.45	-51.64	-25	-26.64	-79.78	-53.31	11.78	13.45	V

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