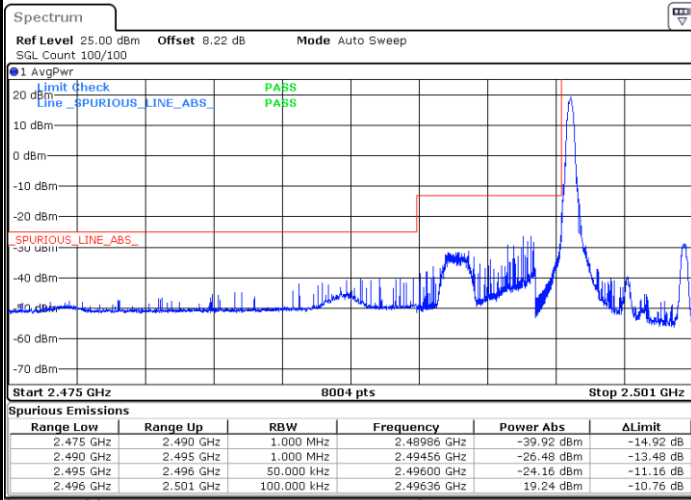




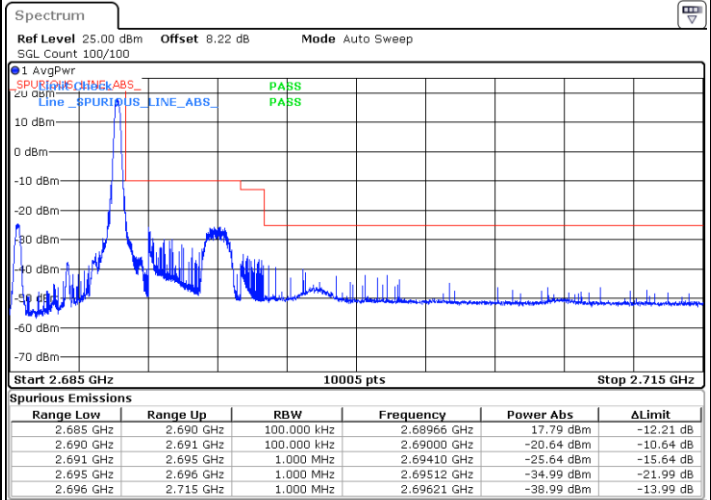
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



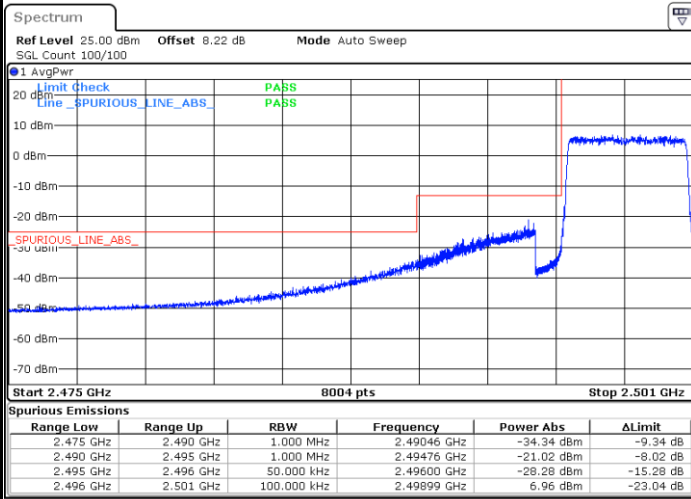
Date: 27.NOV.2022 16:08:00

Highest Band Edge / 1 RB



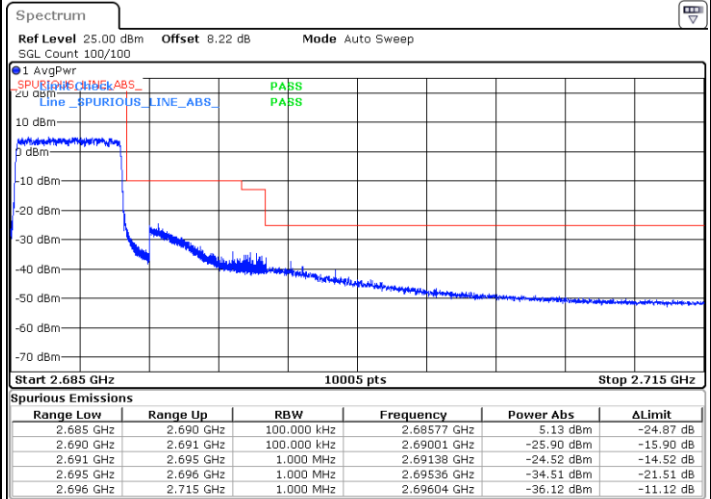
Date: 27.NOV.2022 16:18:43

Lowest Band Edge / Full RB



Date: 27.NOV.2022 16:09:21

Highest Band Edge / Full RB

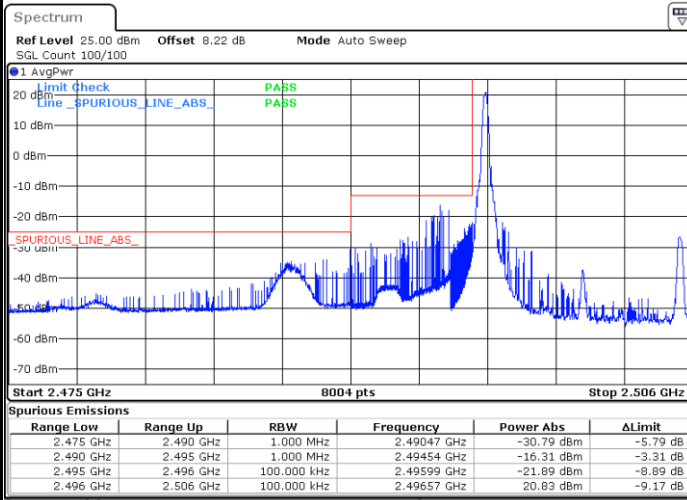


Date: 27.NOV.2022 16:20:03



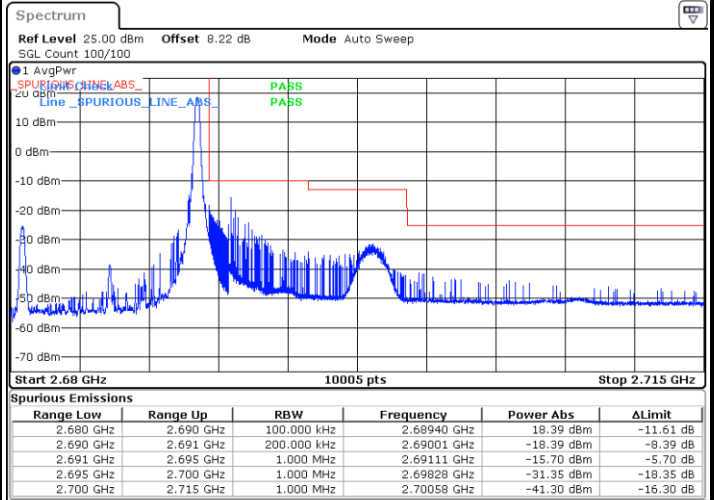
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



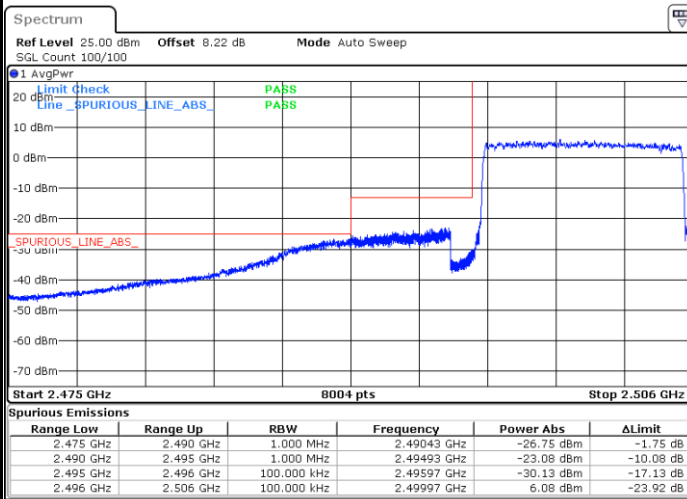
Date: 27.NOV.2022 16:25:25

Highest Band Edge / 1 RB



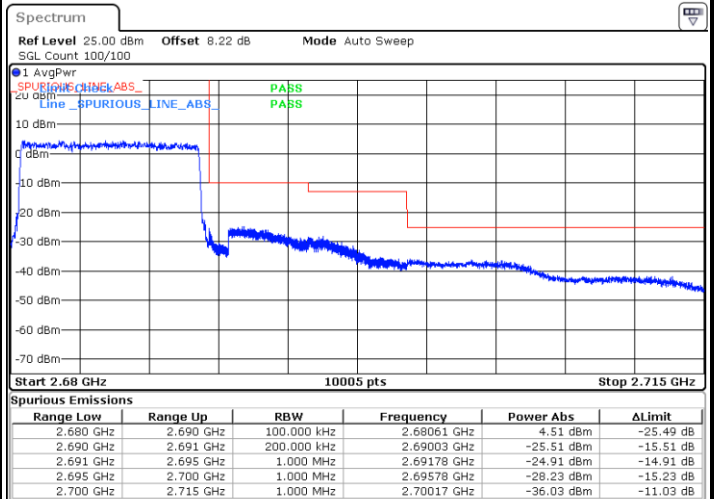
Date: 27.NOV.2022 16:36:09

Lowest Band Edge / Full RB



Date: 27.NOV.2022 16:32:08

Highest Band Edge / Full RB

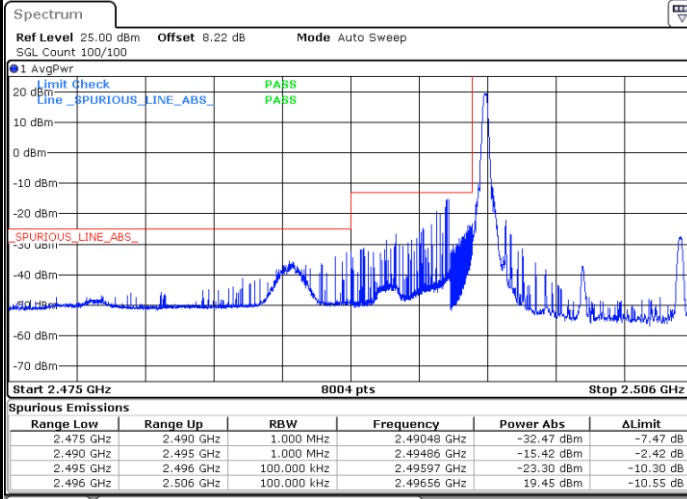


Date: 27.NOV.2022 16:42:51

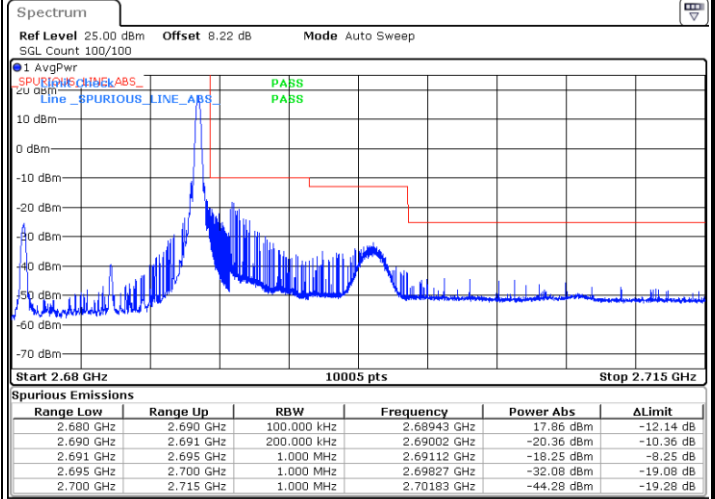


LTE Band 41 / 10MHz / 16QAM

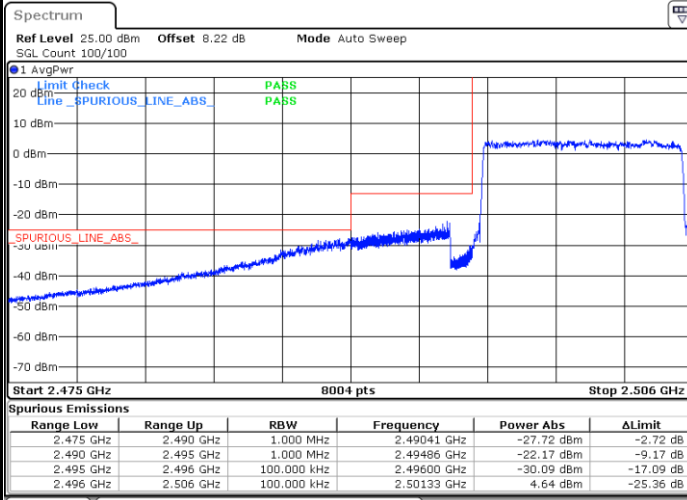
Lowest Band Edge / 1 RB



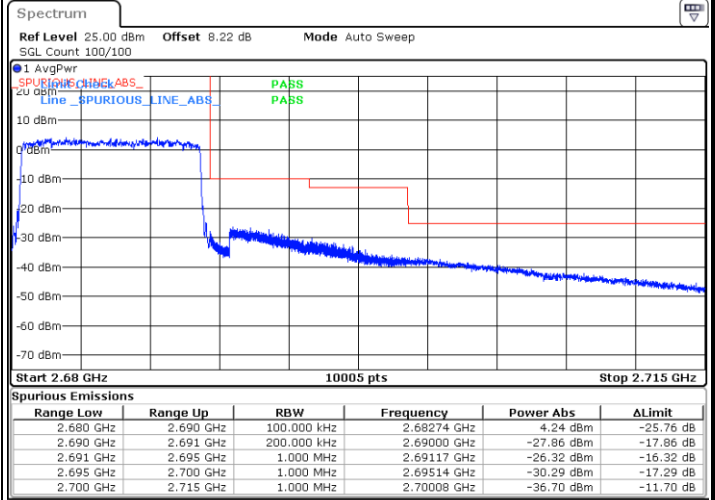
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



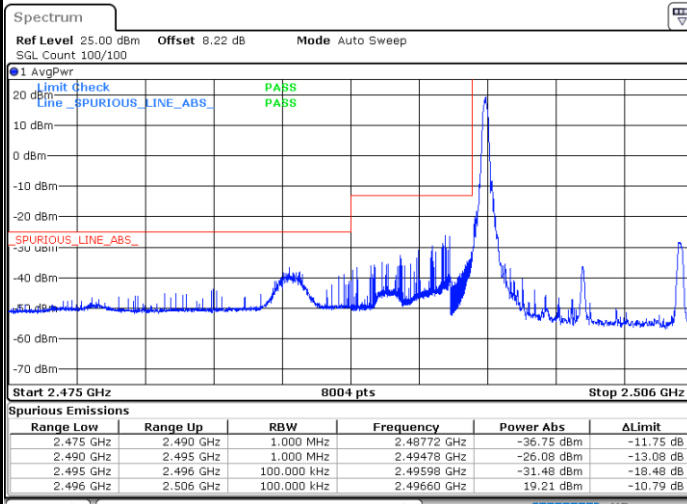
Highest Band Edge / Full RB





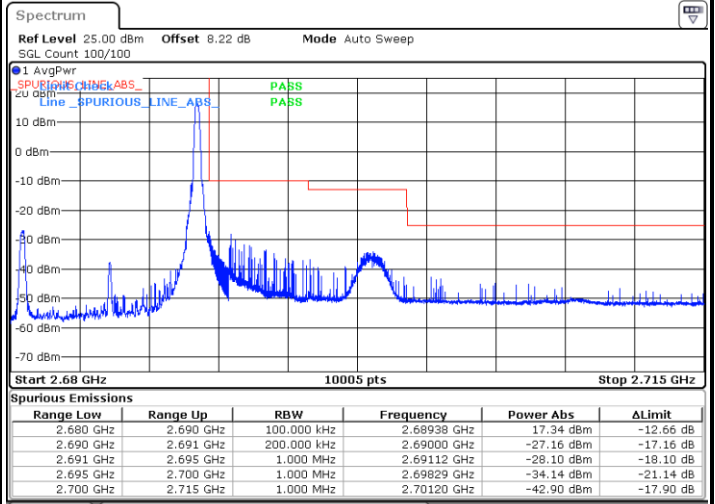
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



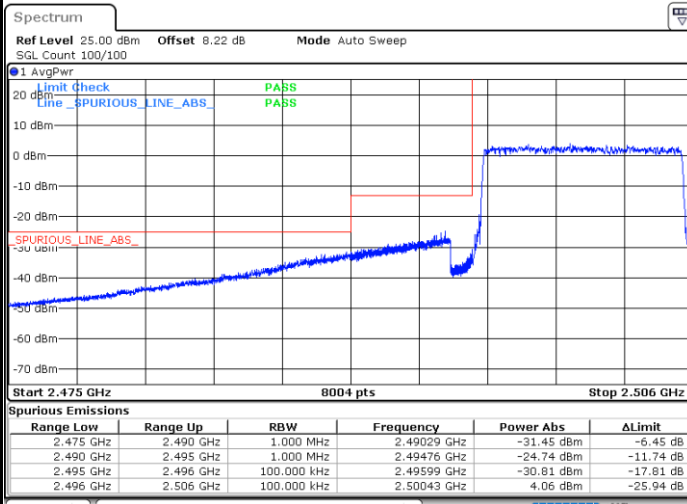
Date: 27.NOV.2022 16:28:06

Highest Band Edge / 1 RB



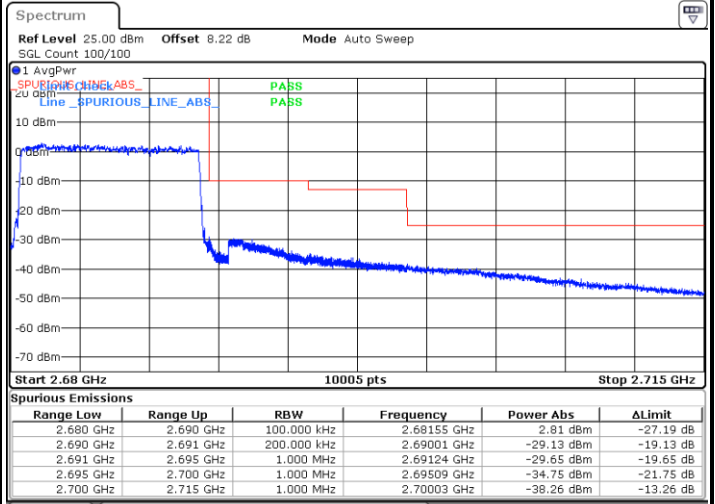
Date: 27.NOV.2022 16:38:49

Lowest Band Edge / Full RB



Date: 27.NOV.2022 16:29:27

Highest Band Edge / Full RB

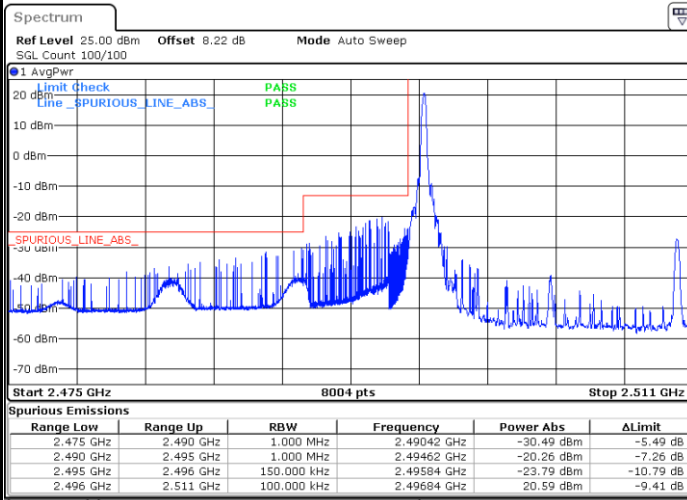


Date: 27.NOV.2022 16:40:10



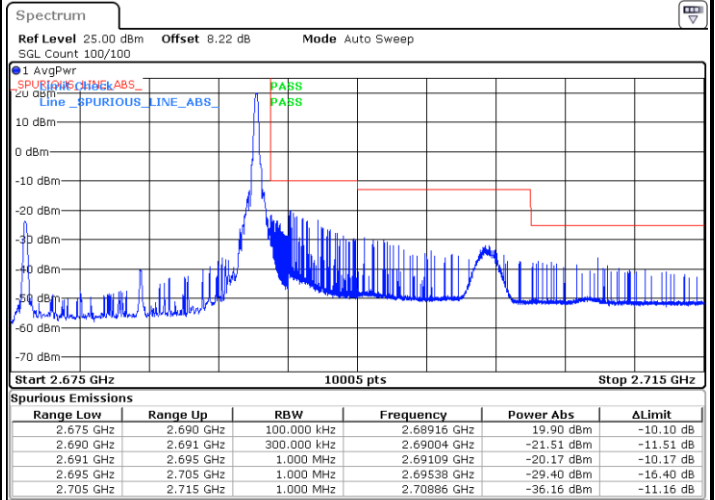
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



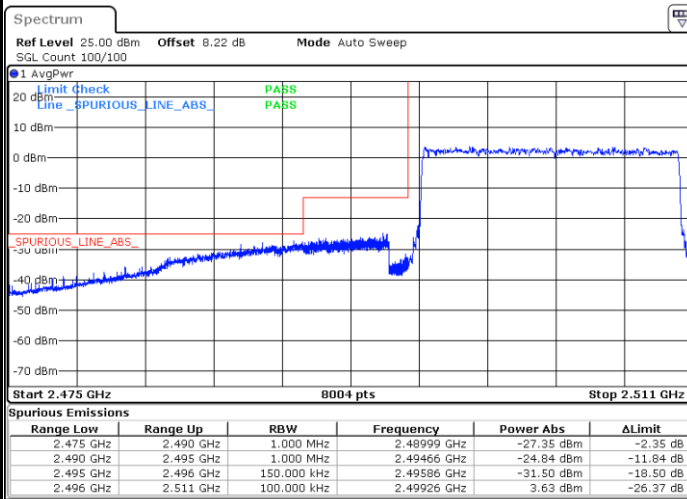
Date: 27.NOV.2022 16:45:33

Highest Band Edge / 1 RB



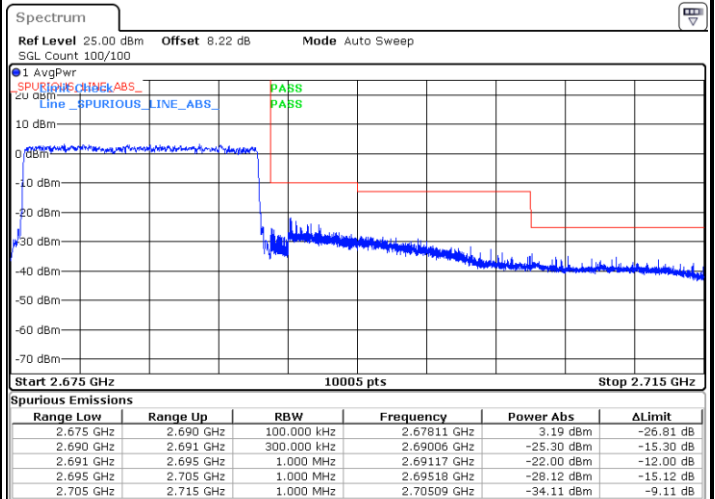
Date: 27.NOV.2022 16:55:55

Lowest Band Edge / Full RB



Date: 27.NOV.2022 16:52:15

Highest Band Edge / Full RB

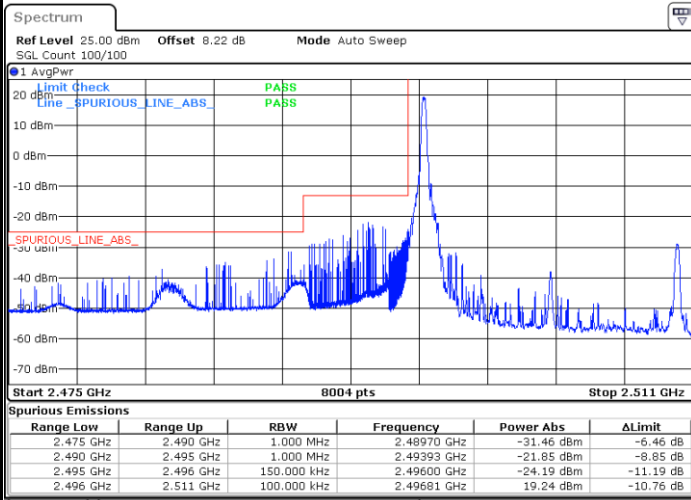


Date: 27.NOV.2022 17:00:57



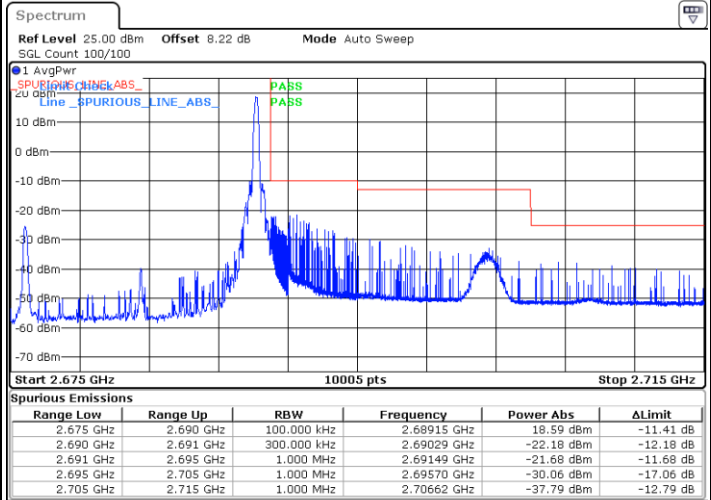
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



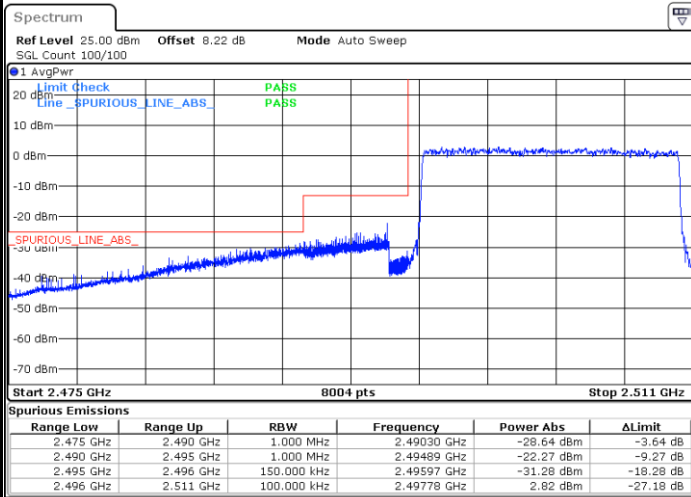
Date: 27.NOV.2022 16:46:53

Highest Band Edge / 1 RB



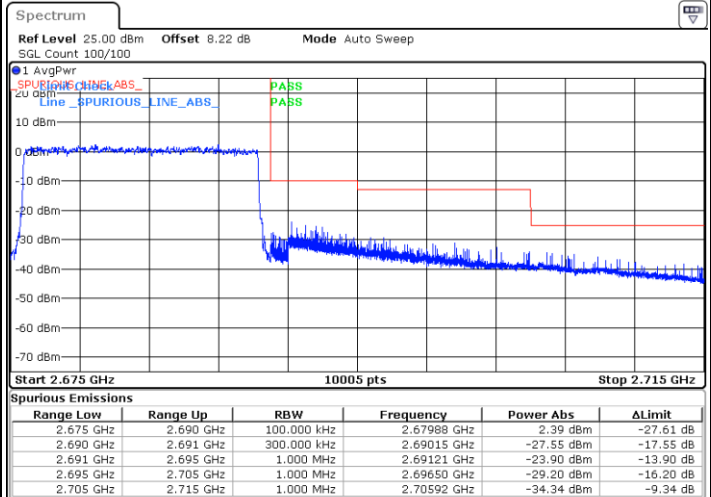
Date: 27.NOV.2022 16:56:56

Lowest Band Edge / Full RB



Date: 27.NOV.2022 16:50:54

Highest Band Edge / Full RB

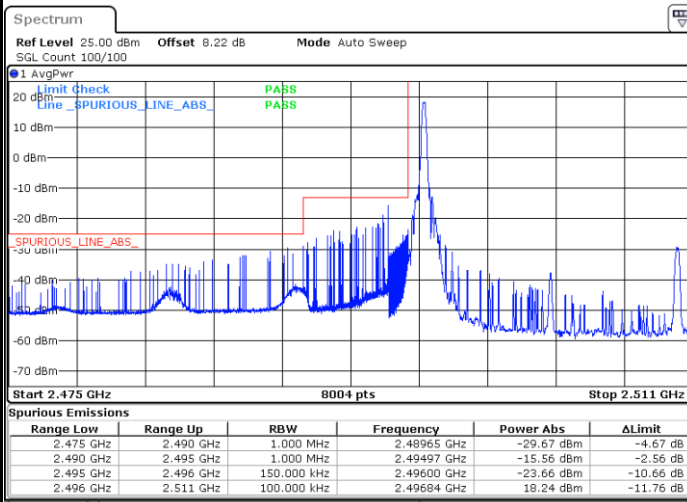


Date: 27.NOV.2022 16:59:57



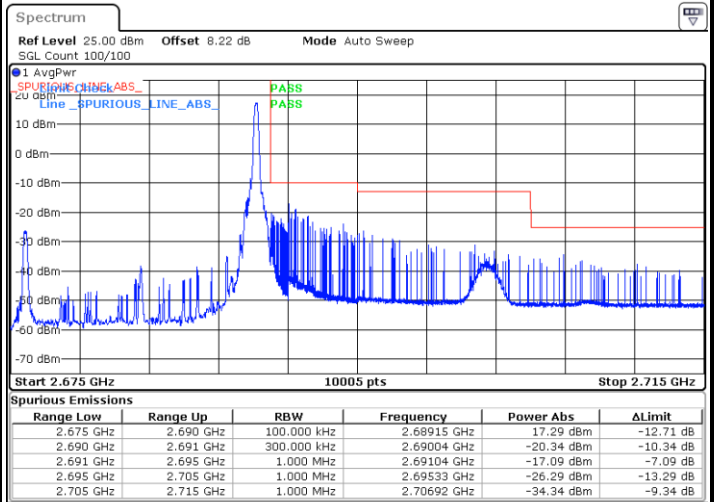
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



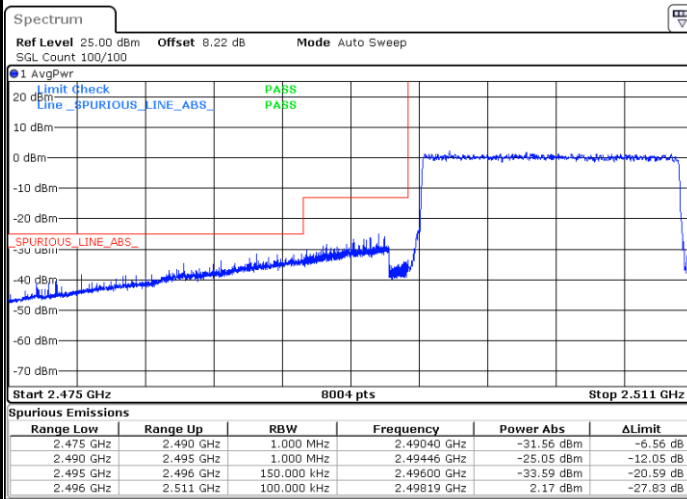
Date: 27.NOV.2022 16:48:13

Highest Band Edge / 1 RB



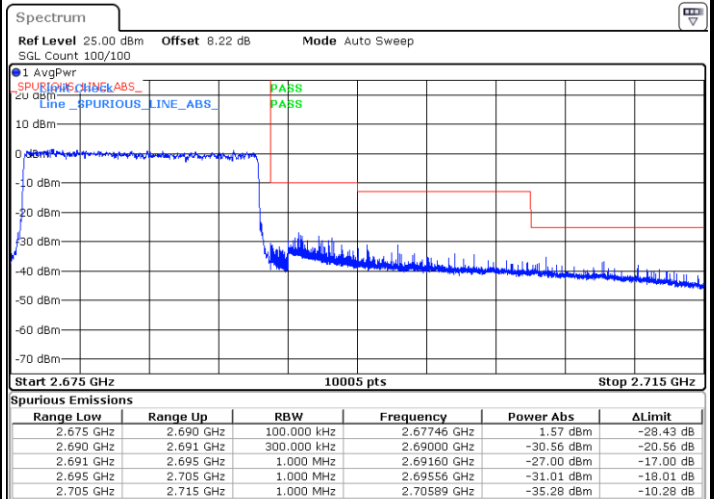
Date: 27.NOV.2022 16:57:56

Lowest Band Edge / Full RB



Date: 27.NOV.2022 16:49:34

Highest Band Edge / Full RB

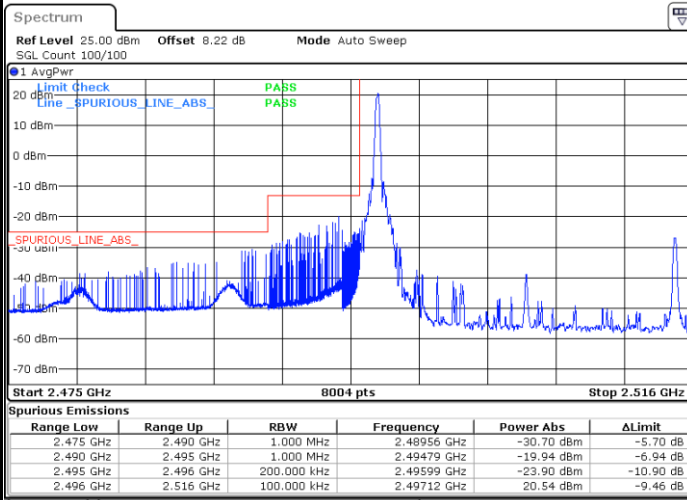


Date: 27.NOV.2022 16:58:57



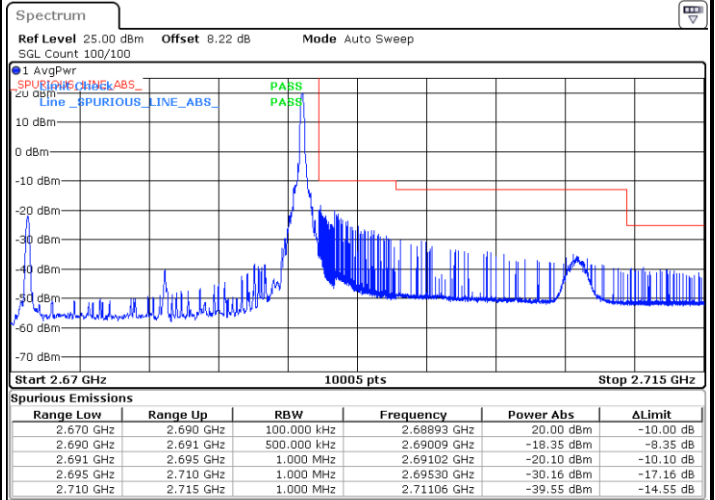
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



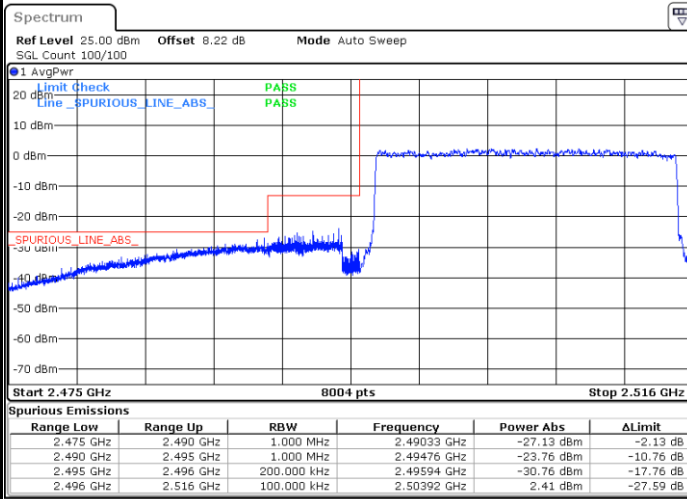
Date: 27.NOV.2022 17:03:19

Highest Band Edge / 1 RB



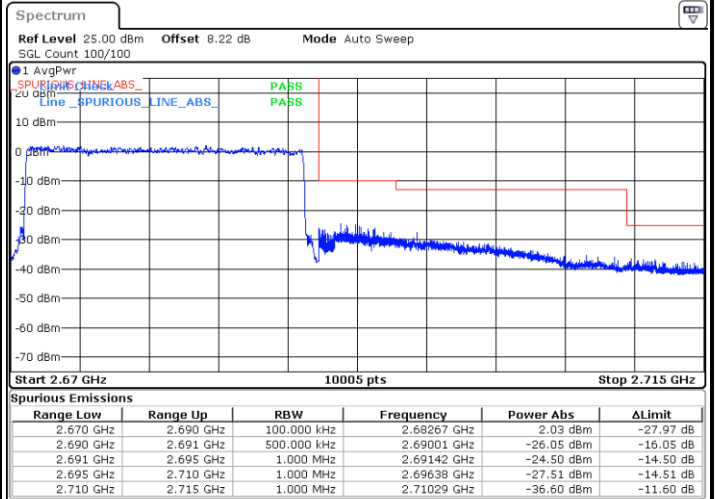
Date: 27.NOV.2022 17:12:02

Lowest Band Edge / Full RB



Date: 27.NOV.2022 17:08:22

Highest Band Edge / Full RB

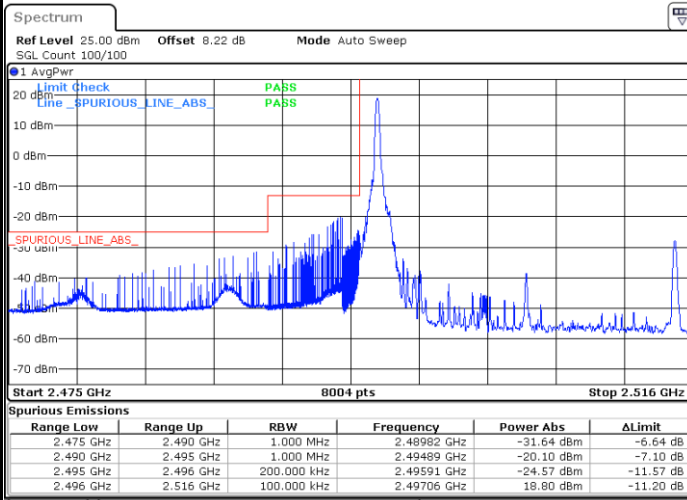


Date: 27.NOV.2022 17:17:04



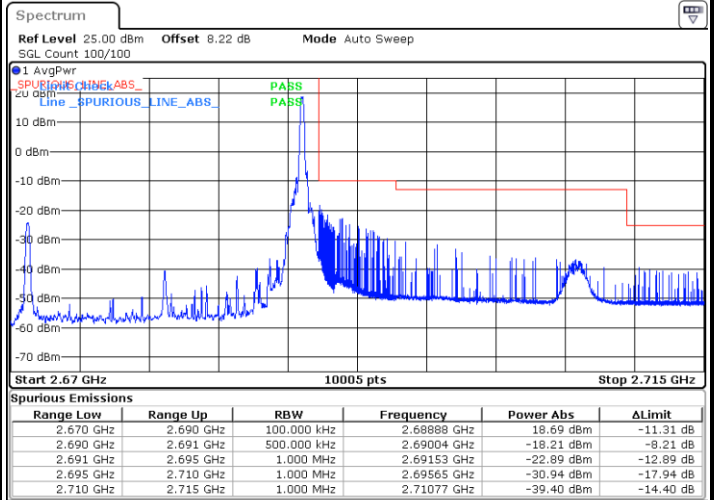
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



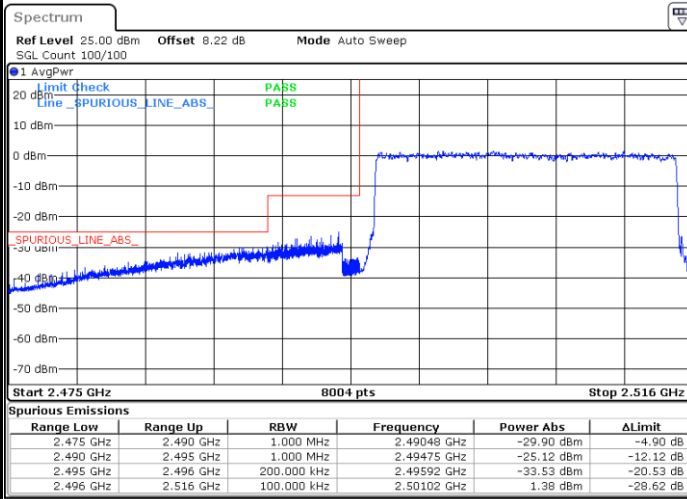
Date: 27.NOV.2022 17:04:19

Highest Band Edge / 1 RB



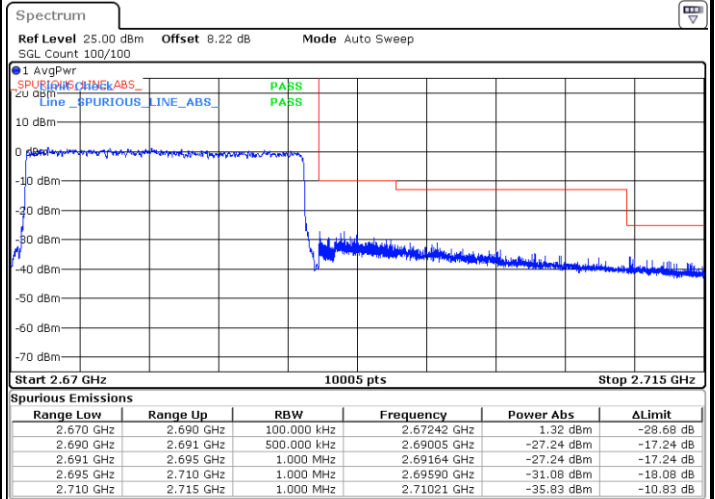
Date: 27.NOV.2022 17:13:02

Lowest Band Edge / Full RB



Date: 27.NOV.2022 17:07:21

Highest Band Edge / Full RB

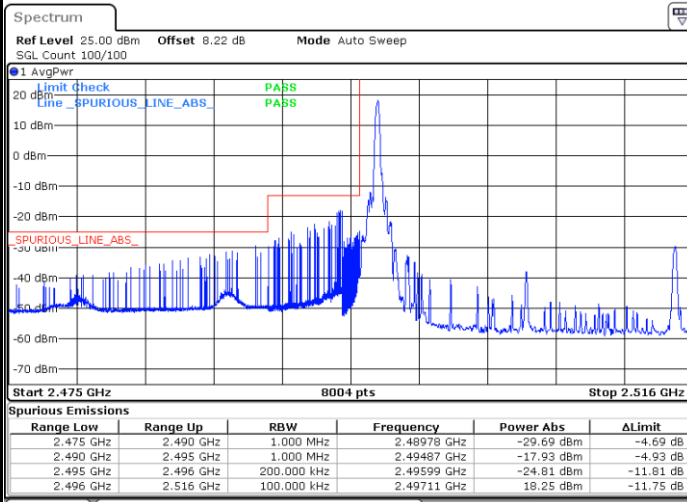


Date: 27.NOV.2022 17:16:03



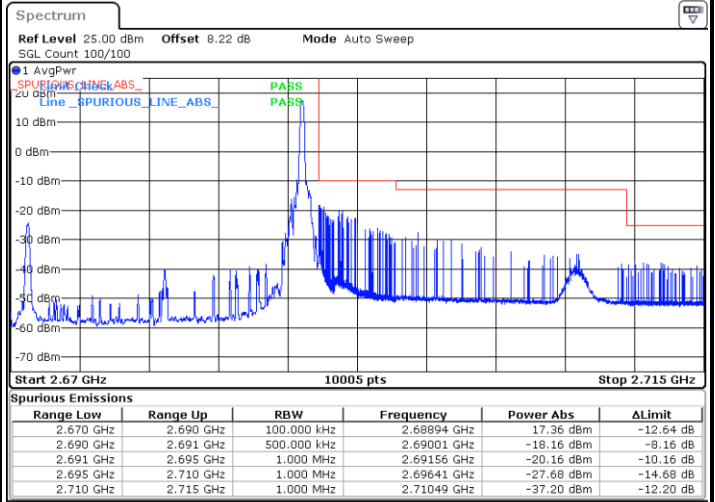
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



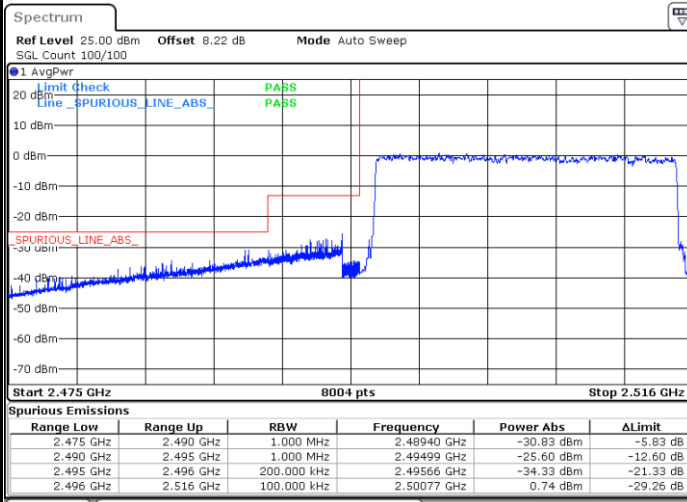
Date: 27.NOV.2022 17:05:20

Highest Band Edge / 1 RB



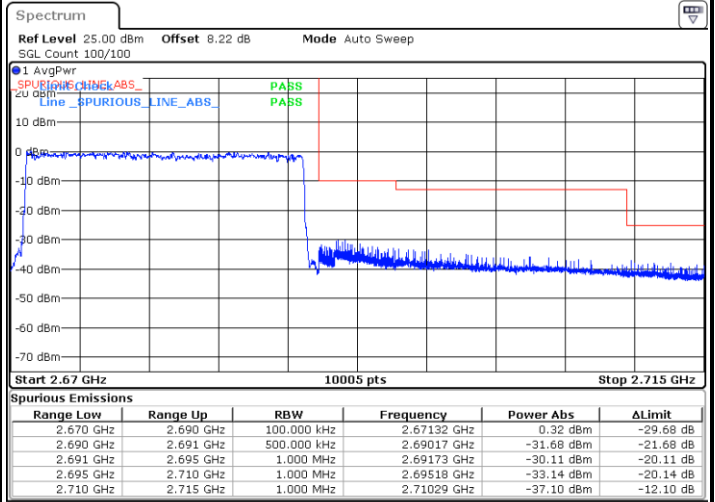
Date: 27.NOV.2022 17:14:02

Lowest Band Edge / Full RB



Date: 27.NOV.2022 17:06:21

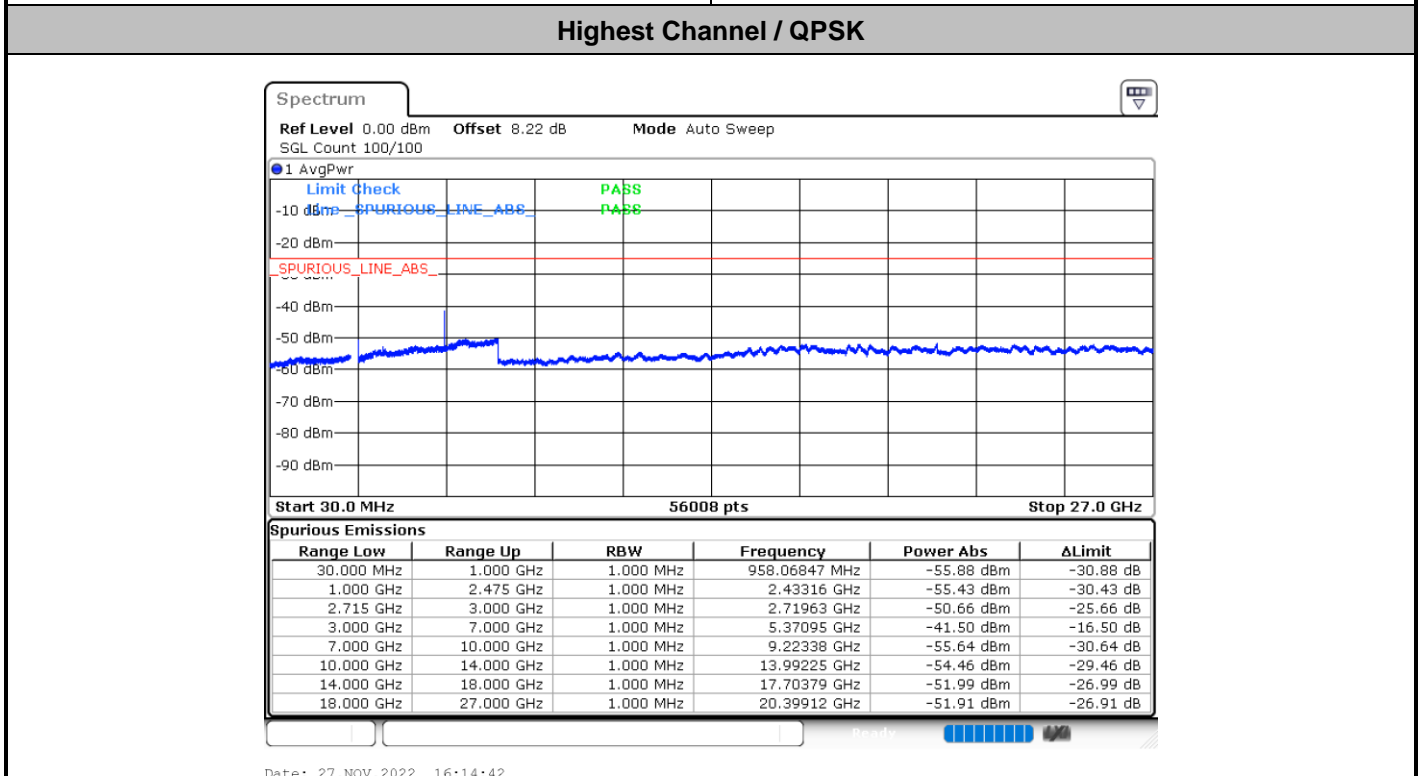
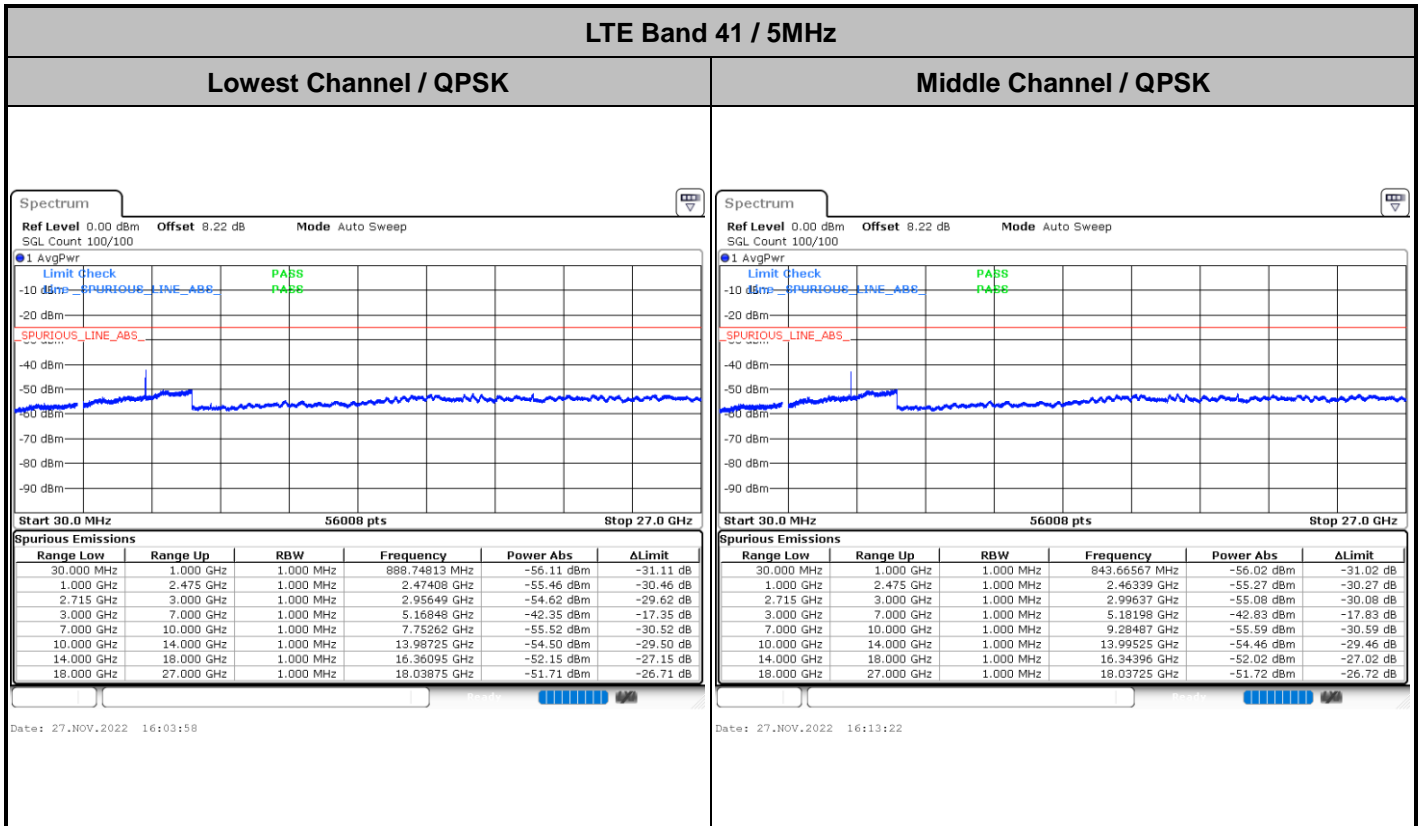
Highest Band Edge / Full RB



Date: 27.NOV.2022 17:15:03



Conducted Spurious Emission

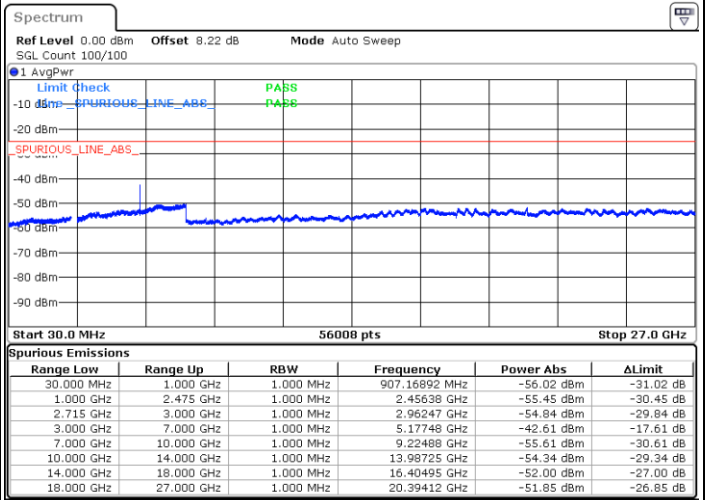
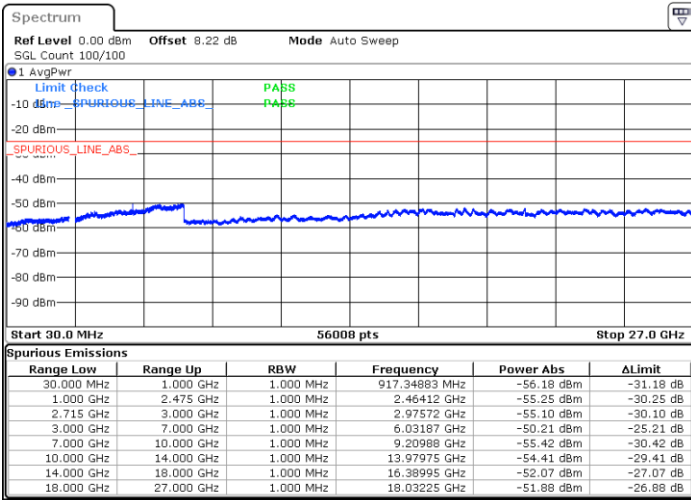




LTE Band 41 / 10MHz

Lowest Channel / QPSK

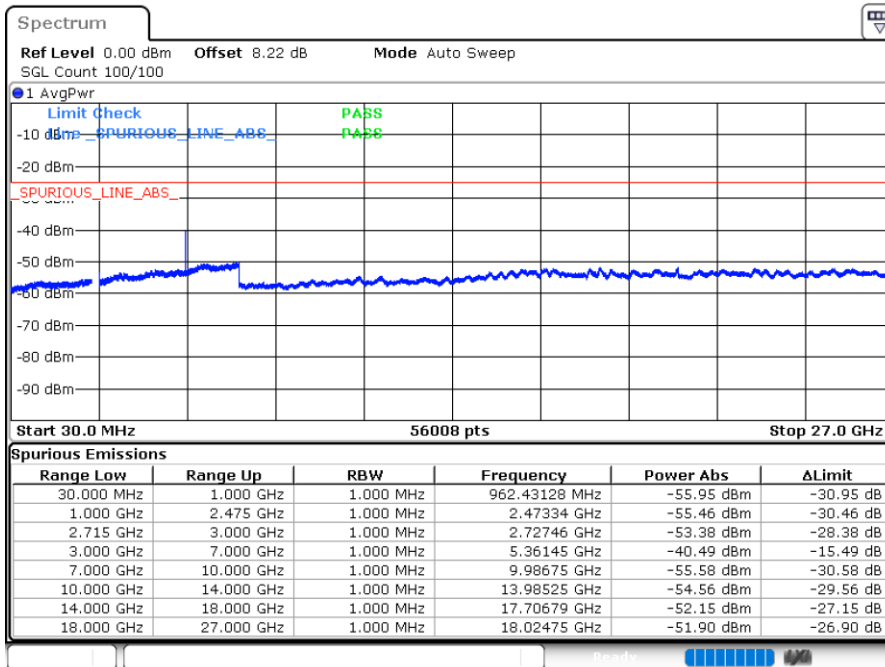
Middle Channel / QPSK



Date: 27.NOV.2022 16:24:04

Date: 27.NOV.2022 16:33:29

Highest Channel / QPSK



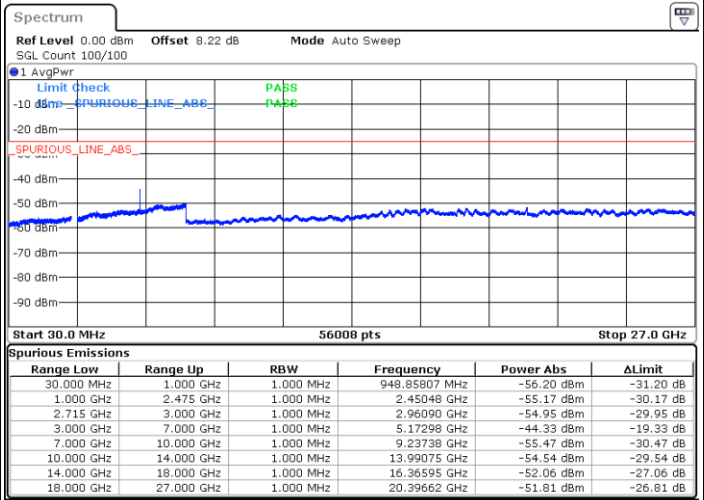
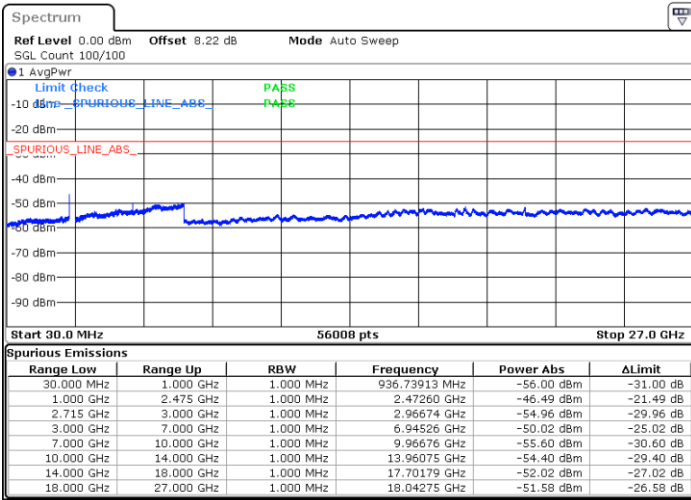
Date: 27.NOV.2022 16:34:49



LTE Band 41 / 15MHz

Lowest Channel / QPSK

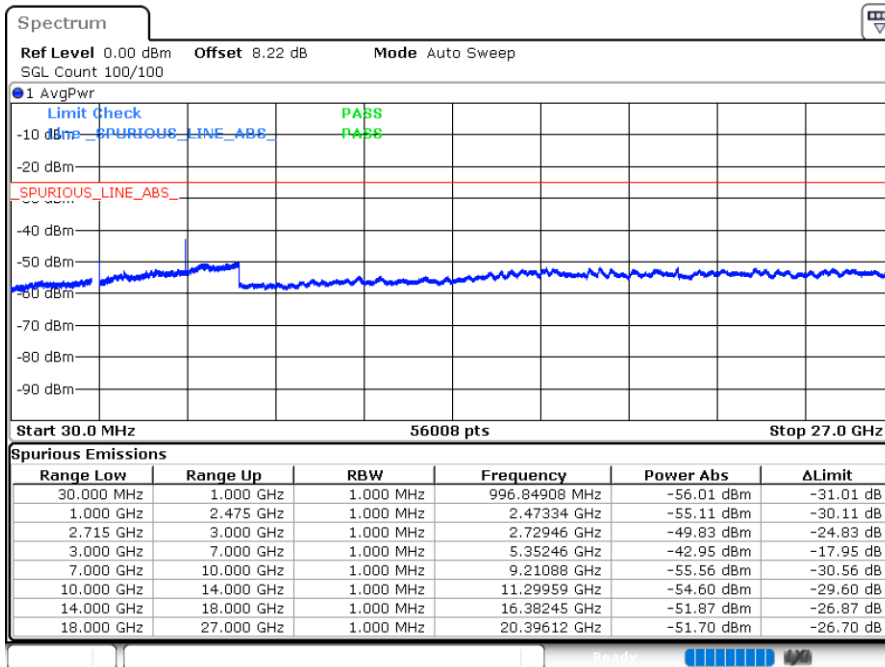
Middle Channel / QPSK



Date: 27.NOV.2022 16:44:12

Date: 27.NOV.2022 16:53:35

Highest Channel / QPSK



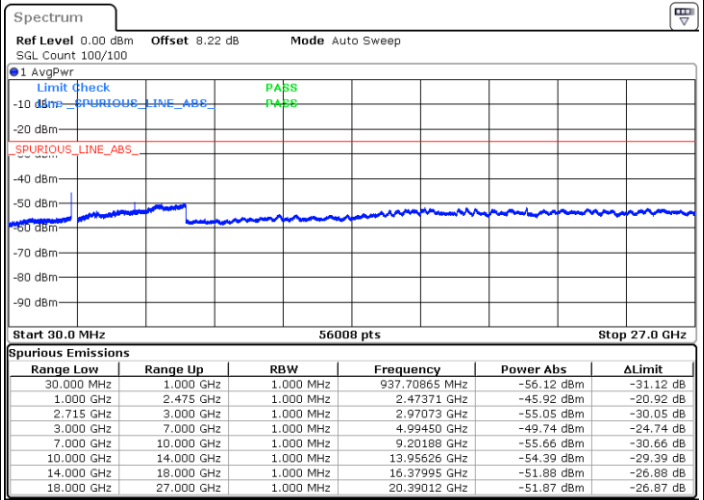
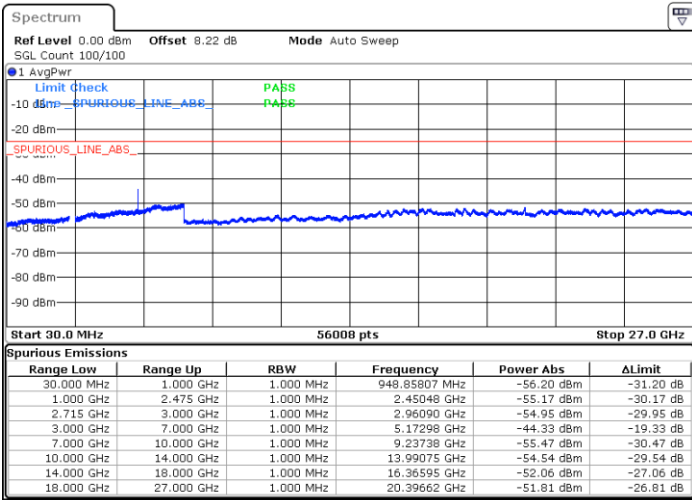
Date: 27.NOV.2022 16:54:55



LTE Band 41 / 20MHz

Lowest Channel / QPSK

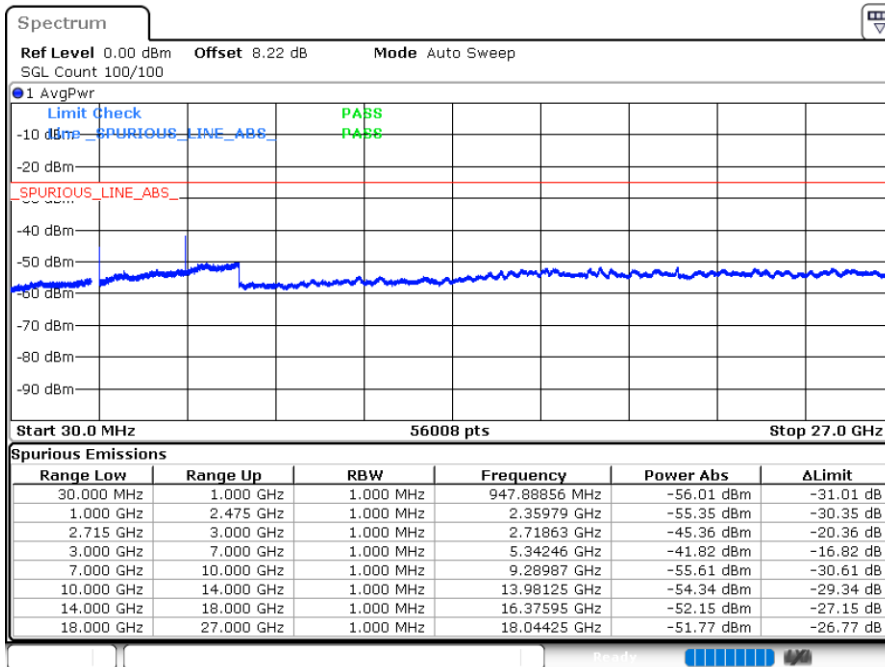
Middle Channel / QPSK



Date: 27.NOV.2022 16:53:35

Date: 27.NOV.2022 17:02:18

Highest Channel / QPSK



Date: 27.NOV.2022 17:11:02



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	0.0026	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4.25 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 :	Carl Ni	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

LTE Band 7 / 20MHz / QPSK for Ant.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	5052	-61.71	-25	-36.71	-71.92	3.03	13.24	H
	7580	-57.02	-25	-32.02	-66.47	3.56	13.01	H
	10100	-61.42	-25	-36.42	-70.94	3.92	13.44	H
	5052	-62.76	-25	-37.76	-72.97	3.03	13.24	V
	7580	-60.71	-25	-35.71	-70.16	3.56	13.01	V
	10100	-61.03	-25	-36.03	-70.55	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK for Ant.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	5168	-63.18	-25	-38.18	-73.39	3.03	13.24	H
	7752	-57.57	-25	-32.57	-67.02	3.56	13.01	H
	10340	-61.05	-25	-36.05	-70.57	3.92	13.44	H
	5168	-64.24	-25	-39.24	-74.45	3.03	13.24	V
	7752	-58.89	-25	-33.89	-68.34	3.56	13.01	V
	10340	-61.20	-25	-36.20	-70.72	3.92	13.44	V

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



LTE Band 7C_CA / 20MHz+20MHz / QPSK for Ant.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 (1RB0)	5032	-63.02	-25	-38.02	-73.23	3.03	13.24	H
	7548	-63.12	-25	-38.12	-72.57	3.56	13.01	H
	10060	-62.41	-25	-37.41	-71.93	3.92	13.44	H
	5032	-63.47	-25	-38.47	-73.68	3.03	13.24	V
	7548	-62.92	-25	-37.92	-72.37	3.56	13.01	V
	10060	-62.58	-25	-37.58	-72.10	3.92	13.44	V
Middle (1RBMax)	5068	-63.49	-25	-38.49	-73.70	3.03	13.24	H
	7600	-62.72	-25	-37.72	-72.17	3.56	13.01	H
	10140	-61.22	-25	-36.22	-70.74	3.92	13.44	H
	5068	-63.68	-25	-38.68	-73.89	3.03	13.24	V
	7600	-62.64	-25	-37.64	-72.09	3.56	13.01	V
	10140	-61.27	-25	-36.27	-70.79	3.92	13.44	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK for Ant.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 (1RB0)	5152	-63.04	-25	-38.04	-73.25	3.03	13.24	H
	7728	-56.28	-25	-31.28	-65.73	3.56	13.01	H
	10300	-60.86	-25	-35.86	-70.38	3.92	13.44	H
	5152	-63.47	-25	-38.47	-73.68	3.03	13.24	V
	7728	-55.67	-25	-30.67	-65.12	3.56	13.01	V
	10300	-61.39	-25	-36.39	-70.91	3.92	13.44	V
Middle (1RBMax)	5188	-63.85	-25	-38.85	-74.06	3.03	13.24	H
	7784	-62.18	-25	-37.18	-71.63	3.56	13.01	H
	10380	-61.22	-25	-36.22	-70.74	3.92	13.44	H
	5188	-64.02	-25	-39.02	-74.23	3.03	13.24	V
	7784	-62.06	-25	-37.06	-71.51	3.56	13.01	V
	10380	-61.42	-25	-36.42	-70.94	3.92	13.44	V

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