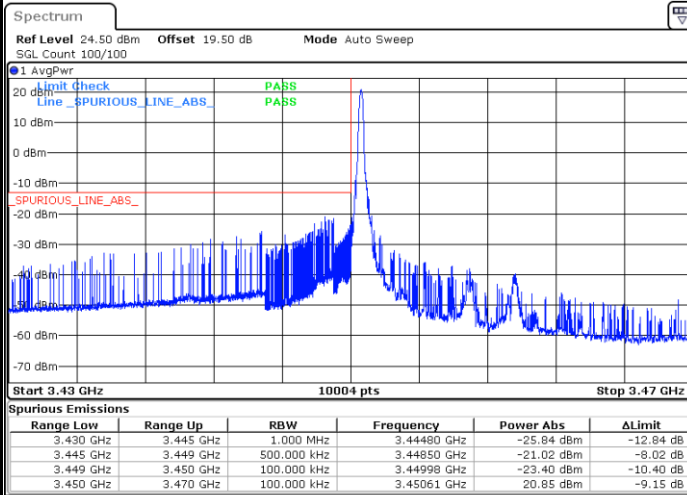




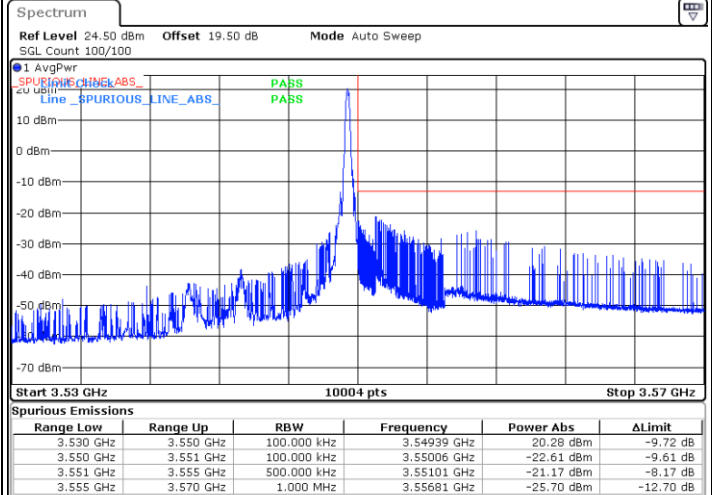
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



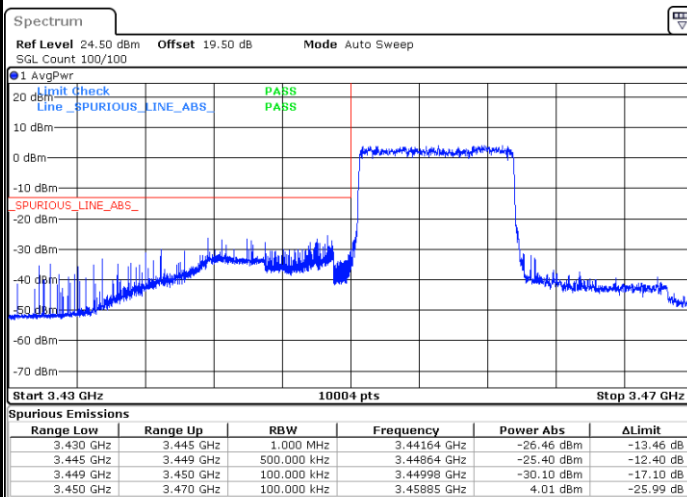
Date: 7.JUN.2022 17:21:44

Highest Band Edge / 1 RB



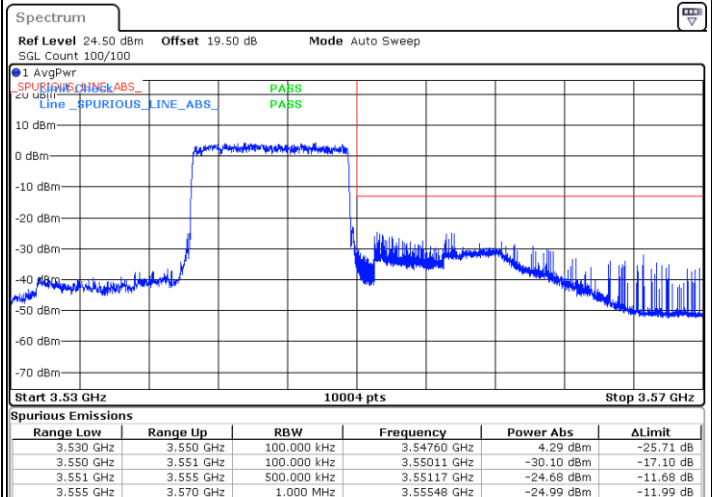
Date: 7.JUN.2022 17:27:13

Lowest Band Edge / Full RB



Date: 7.JUN.2022 17:19:04

Highest Band Edge / Full RB

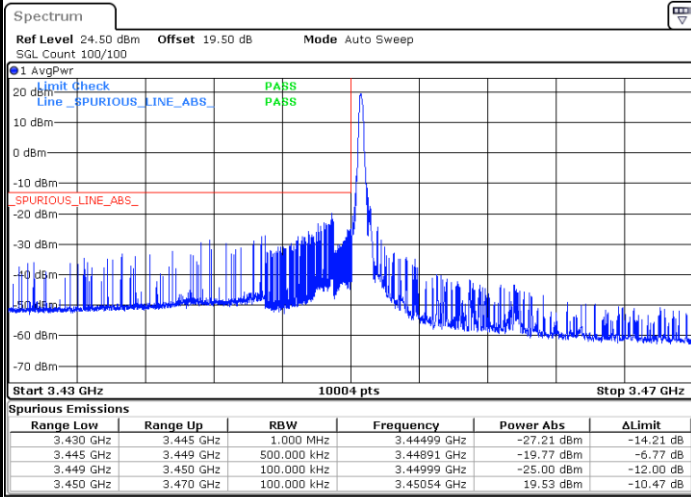


Date: 7.JUN.2022 17:23:29



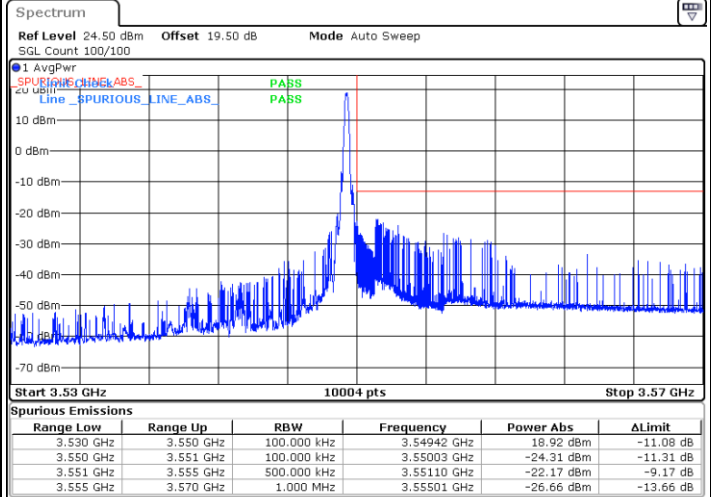
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



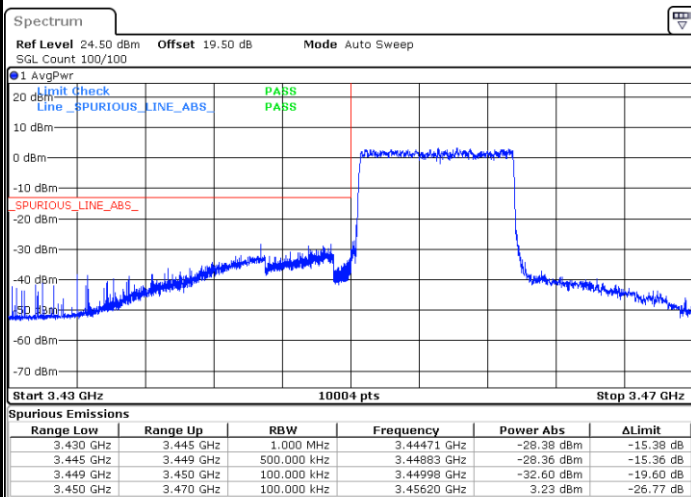
Date: 7 JUN.2022 17:21:07

Highest Band Edge / 1 RB



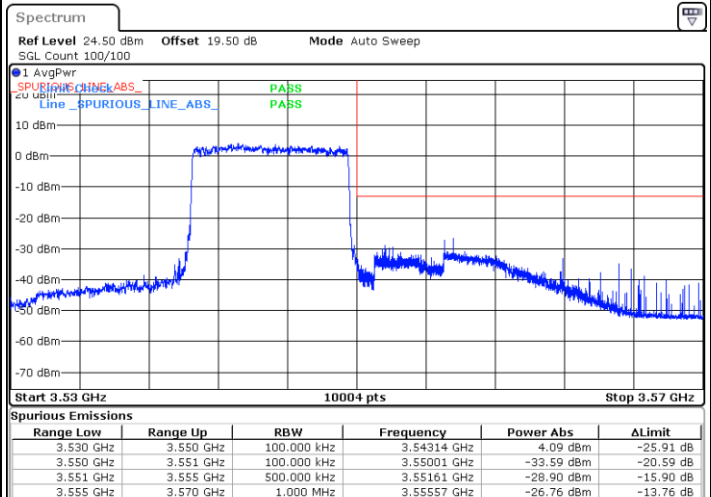
Date: 7 JUN.2022 17:26:38

Lowest Band Edge / Full RB



Date: 7 JUN.2022 17:19:37

Highest Band Edge / Full RB

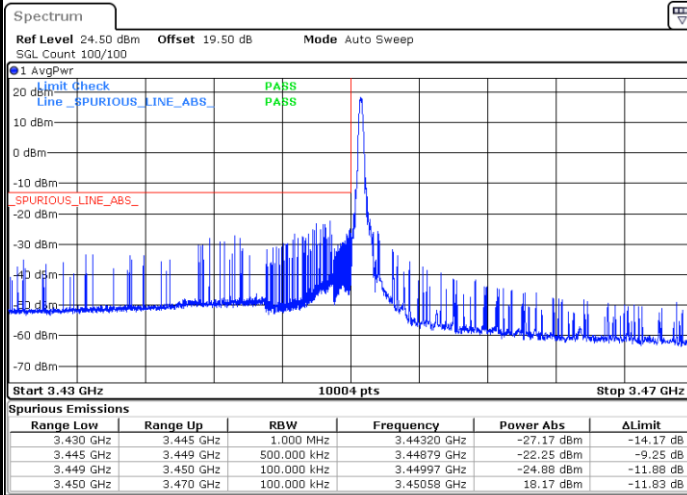


Date: 7 JUN.2022 17:24:42



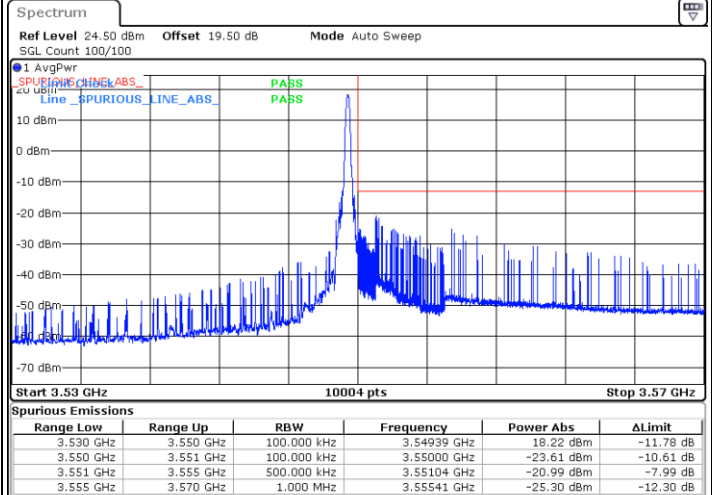
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



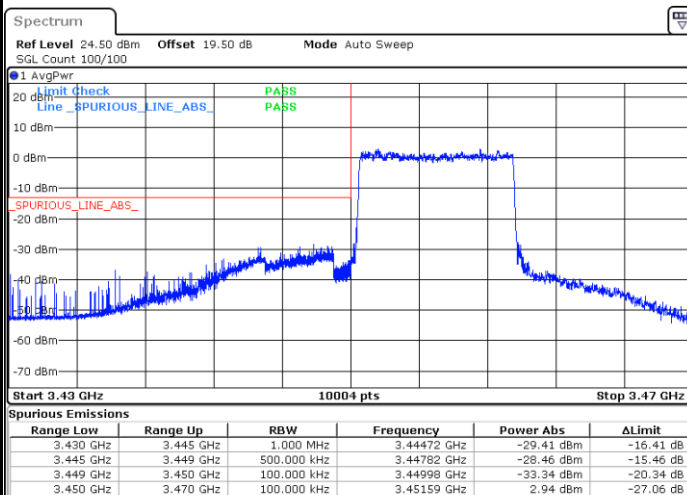
Date: 7 JUN.2022 17:20:35

Highest Band Edge / 1 RB



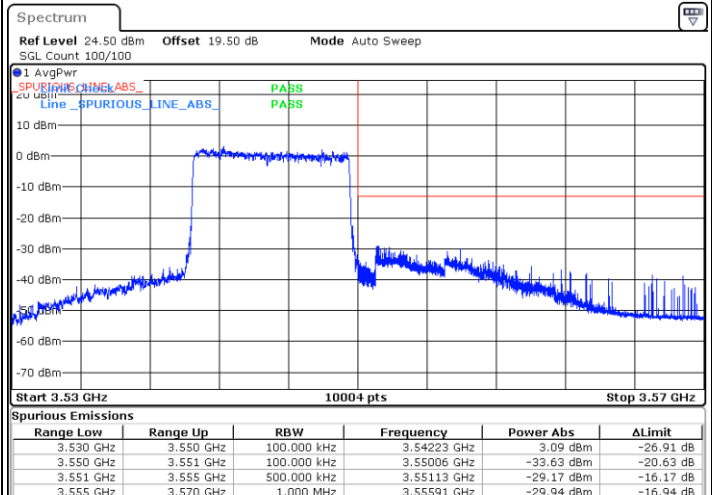
Date: 7 JUN.2022 17:25:59

Lowest Band Edge / Full RB



Date: 7 JUN.2022 17:20:05

Highest Band Edge / Full RB

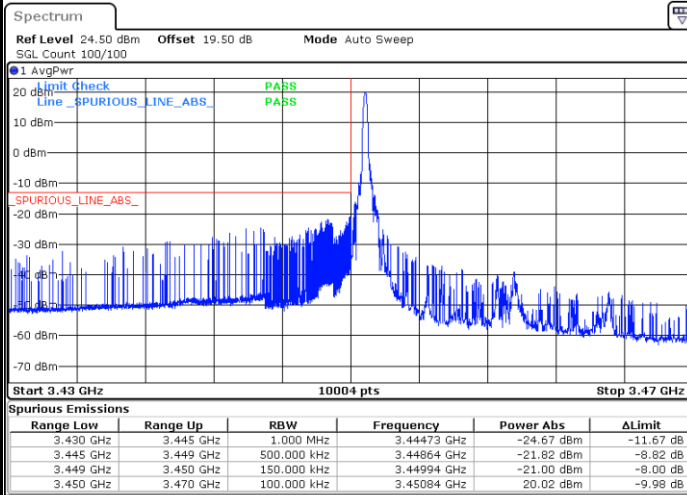


Date: 7 JUN.2022 17:25:18



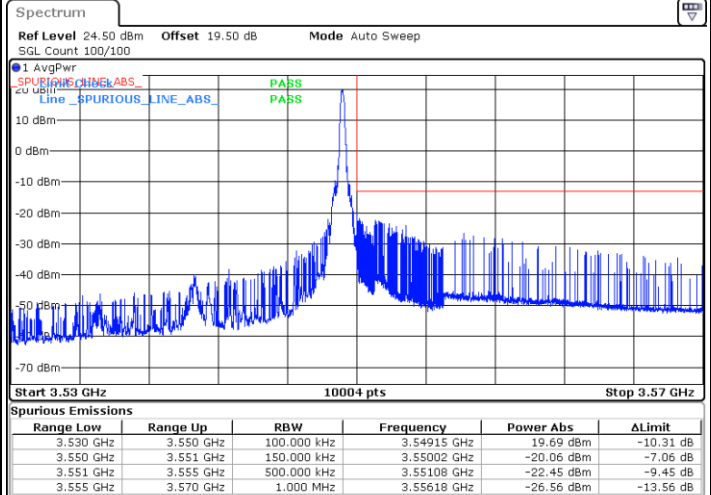
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



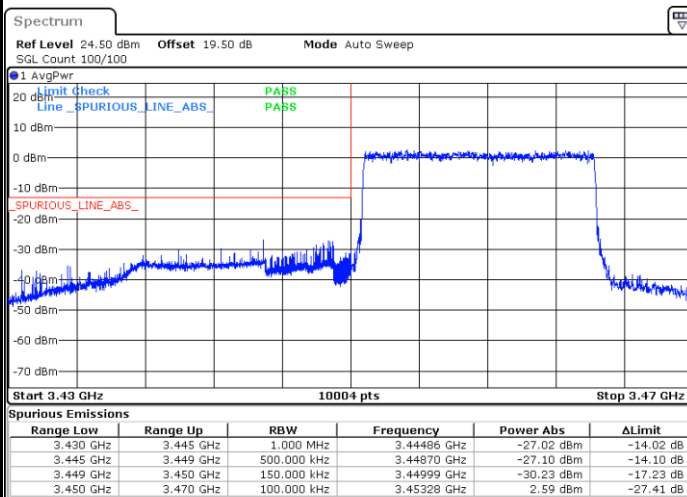
Date: 7.JUN.2022 17:33:20

Highest Band Edge / 1 RB



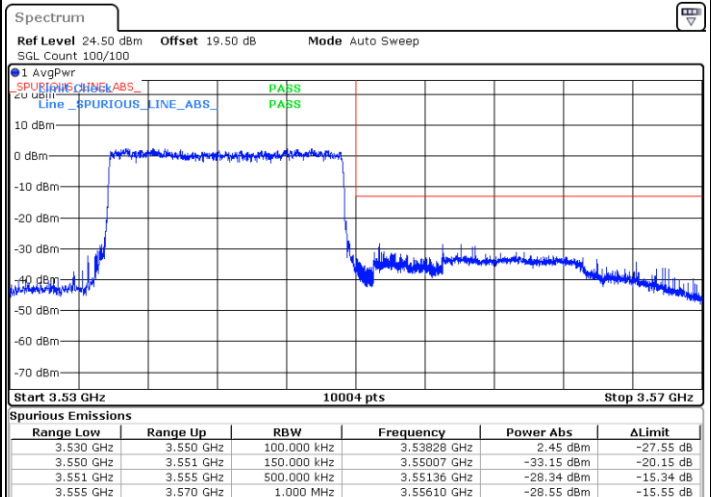
Date: 7.JUN.2022 17:36:40

Lowest Band Edge / Full RB



Date: 7.JUN.2022 17:28:17

Highest Band Edge / Full RB

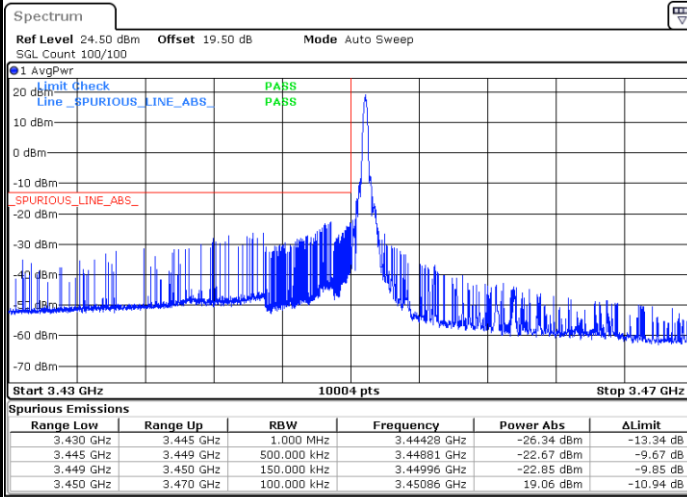


Date: 7.JUN.2022 17:34:08



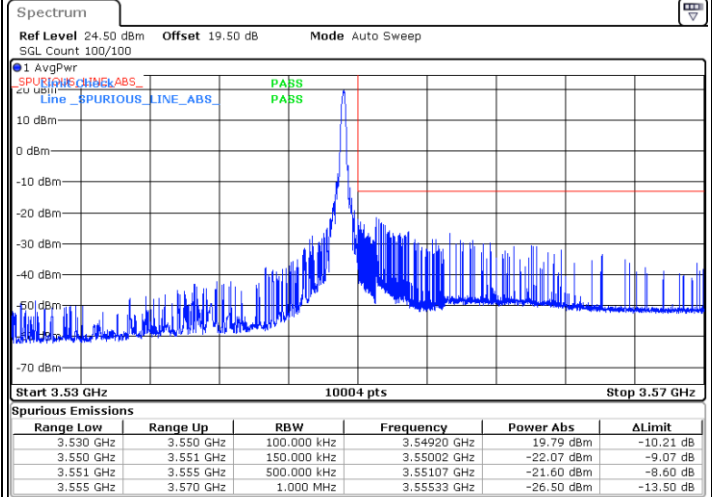
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



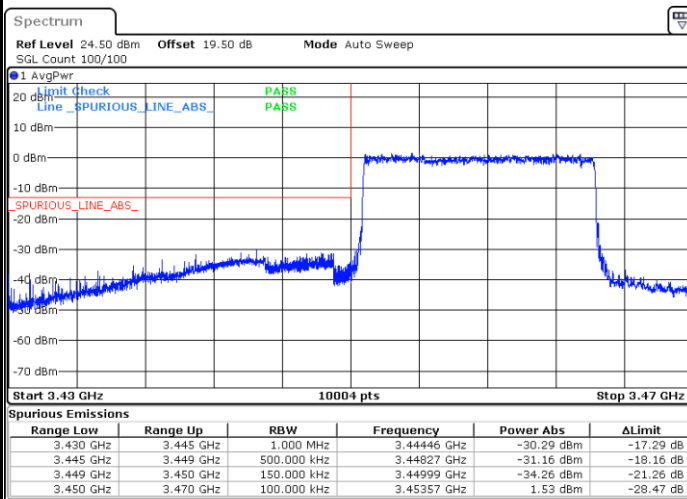
Date: 7.JUN.2022 17:32:44

Highest Band Edge / 1 RB



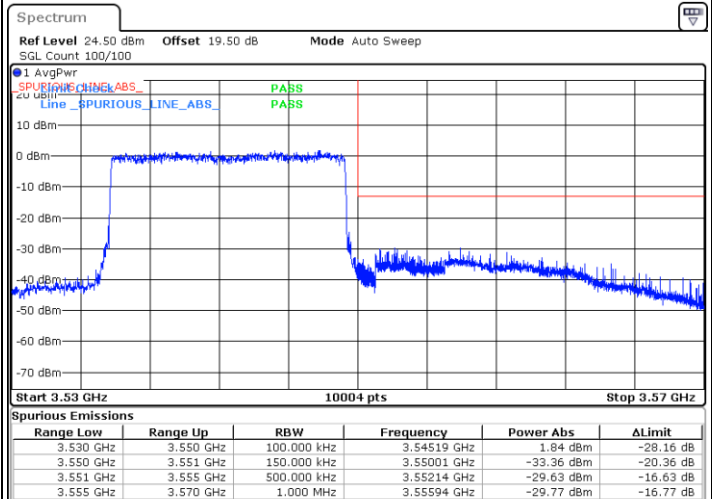
Date: 7.JUN.2022 17:36:13

Lowest Band Edge / Full RB



Date: 7.JUN.2022 17:30:47

Highest Band Edge / Full RB

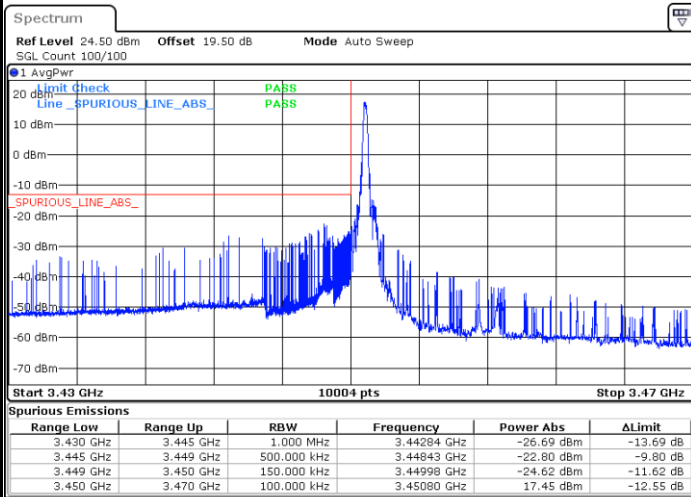


Date: 7.JUN.2022 17:34:38



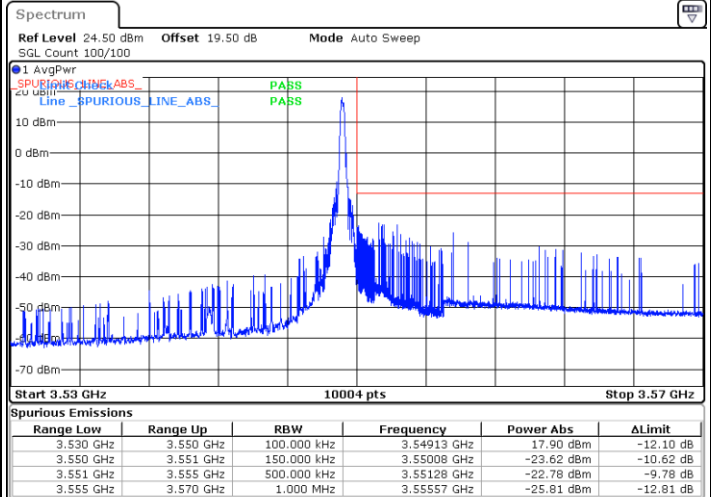
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



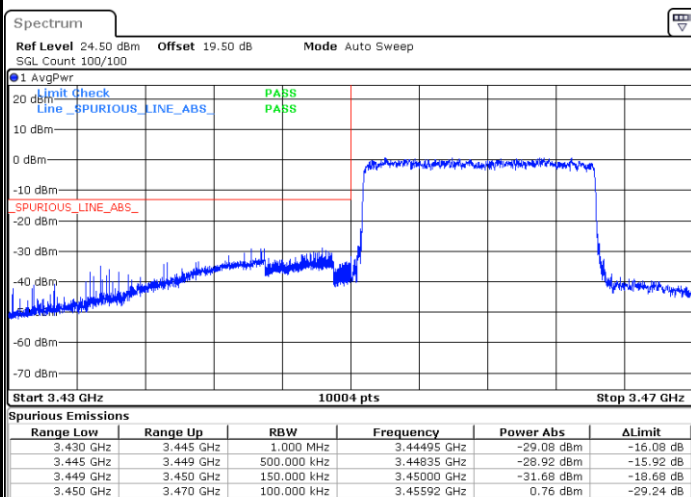
Date: 7 JUN, 2022 17:32:21

Highest Band Edge / 1 RB



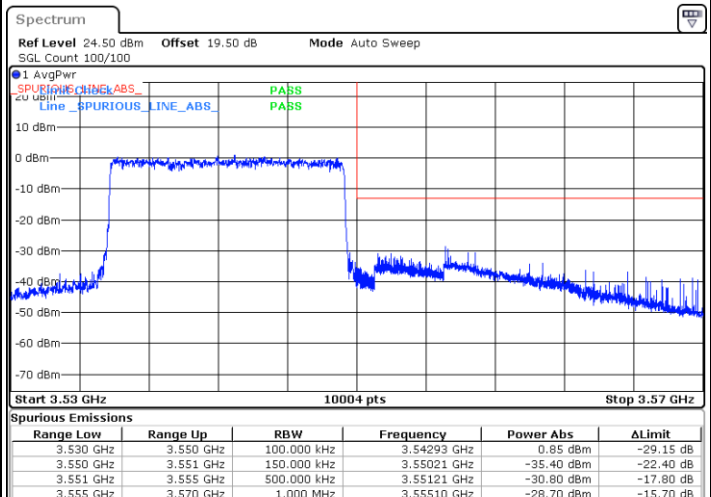
Date: 7 JUN, 2022 17:35:45

Lowest Band Edge / Full RB



Date: 7 JUN, 2022 17:31:38

Highest Band Edge / Full RB

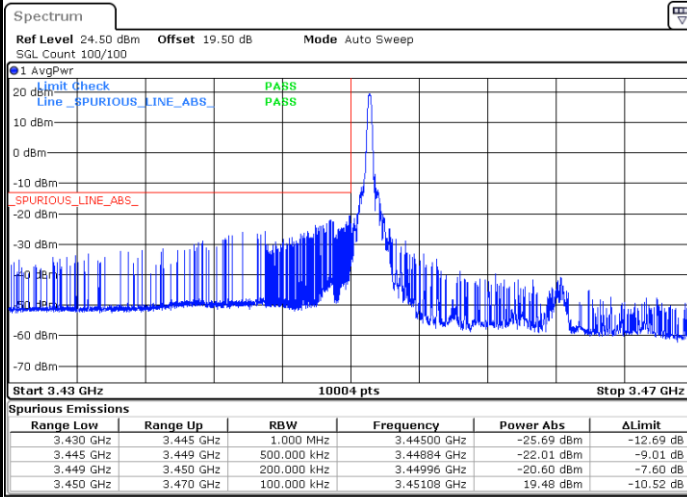


Date: 7 JUN, 2022 17:35:04



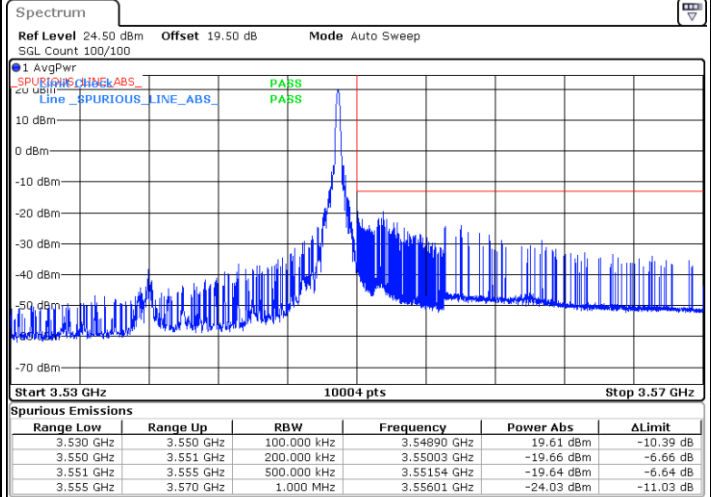
LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / 1 RB



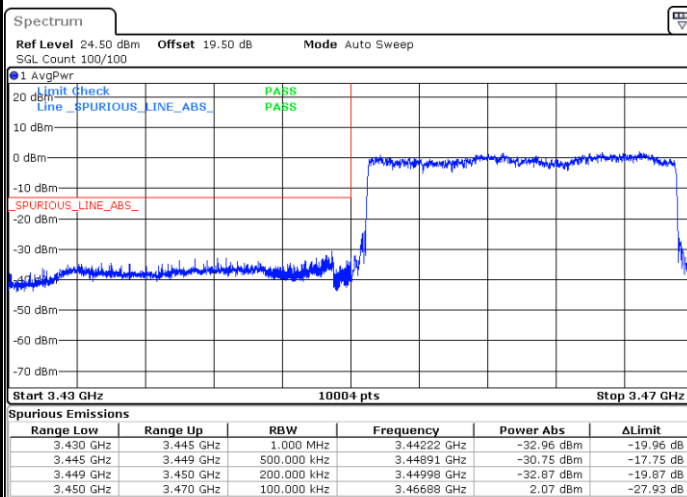
Date: 7.JUN.2022 17:40:27

Highest Band Edge / 1 RB



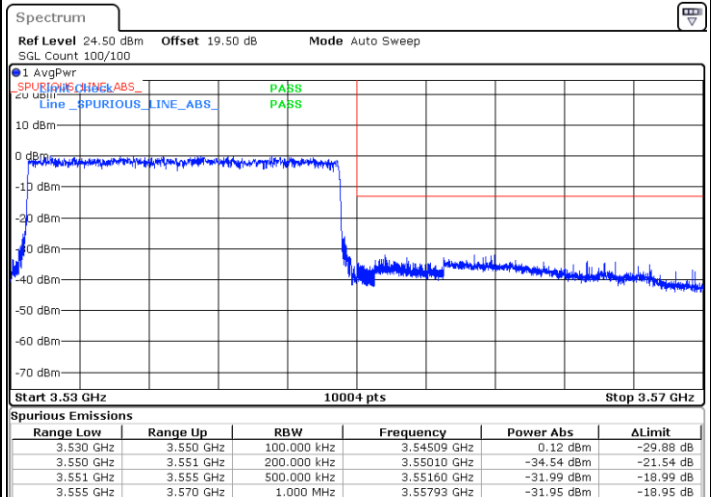
Date: 7.JUN.2022 17:42:11

Lowest Band Edge / Full RB



Date: 7.JUN.2022 17:37:36

Highest Band Edge / Full RB

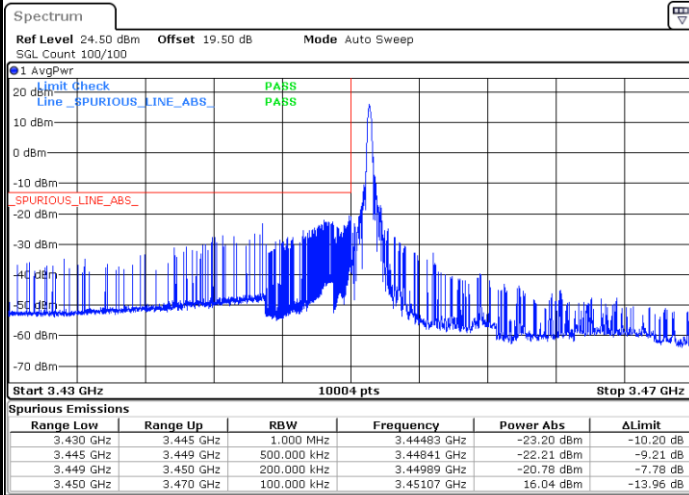


Date: 7.JUN.2022 17:44:11



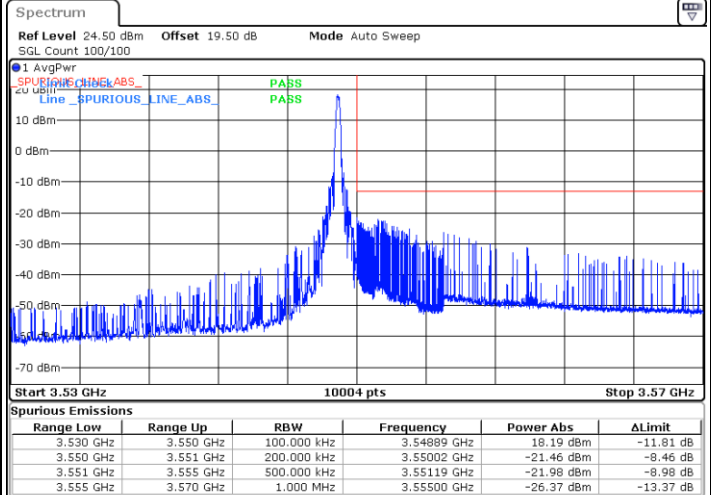
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



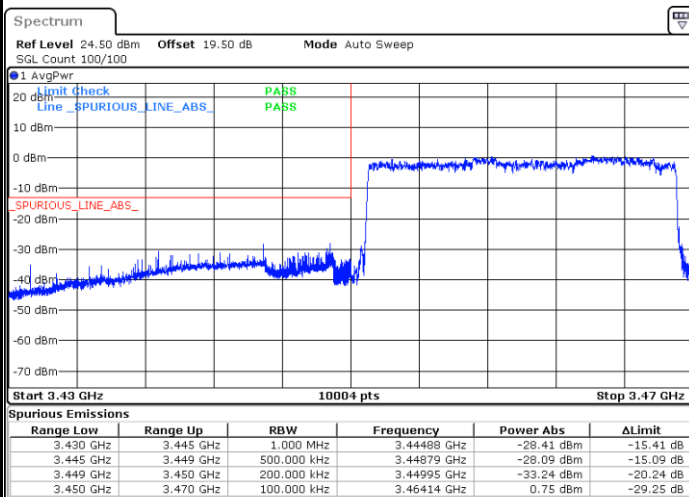
Date: 7 JUN, 2022 17:40:04

Highest Band Edge / 1RB



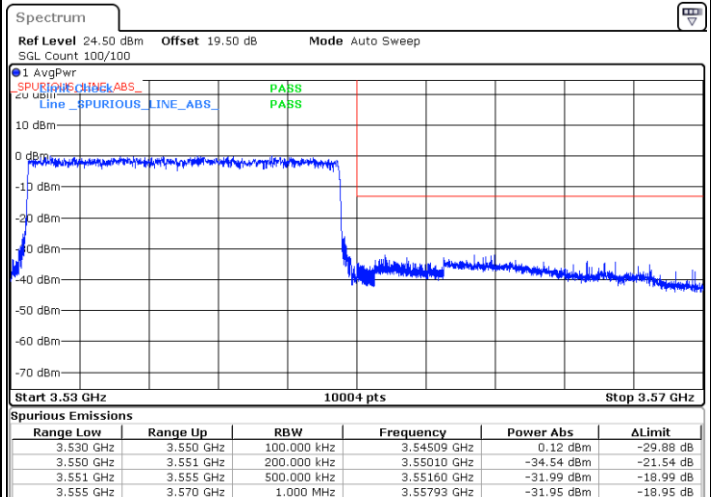
Date: 7 JUN, 2022 17:42:36

Lowest Band Edge / Full RB



Date: 7 JUN, 2022 17:38:02

Highest Band Edge / Full RB

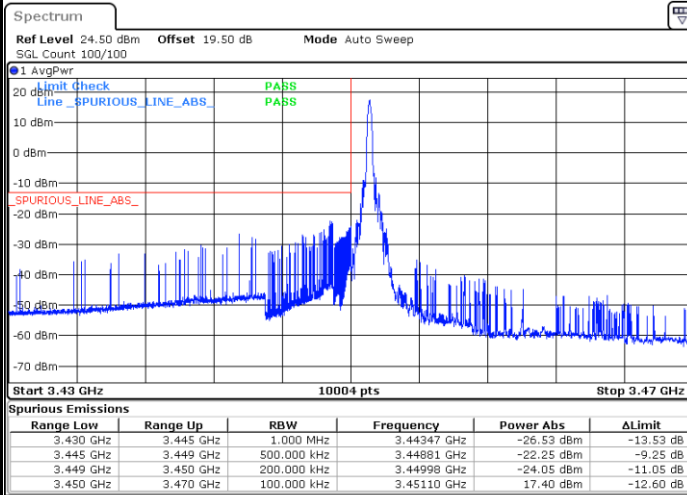


Date: 7 JUN, 2022 17:44:11



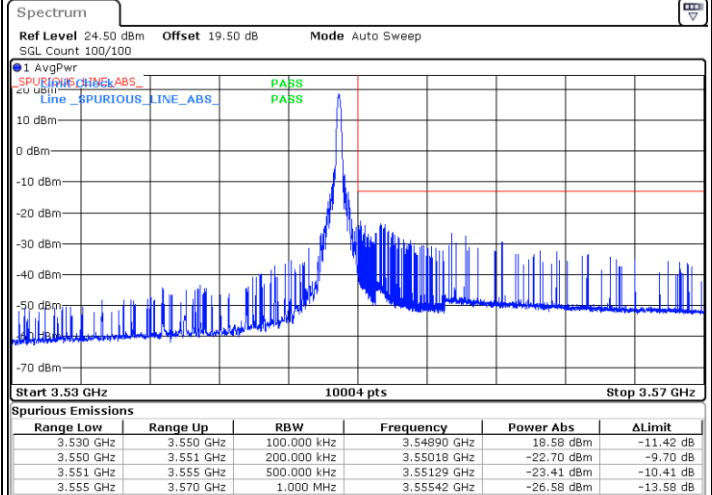
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



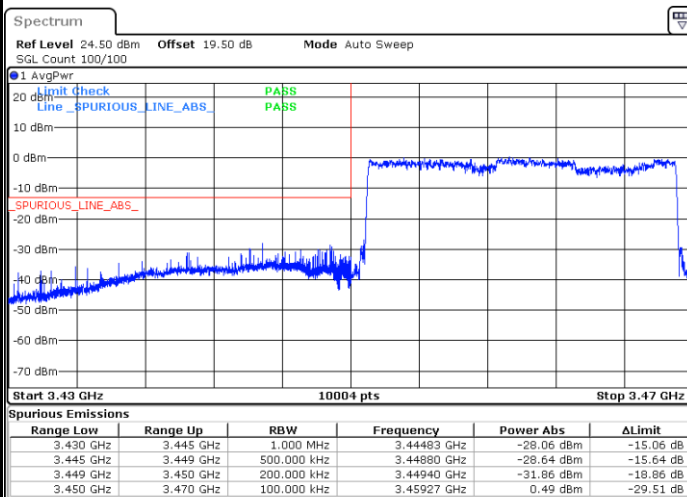
Date: 7 JUN.2022 17:39:42

Highest Band Edge / 1 RB



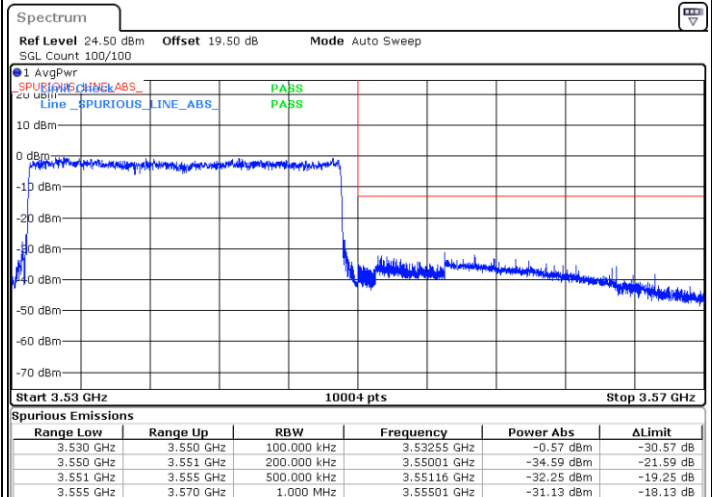
Date: 7 JUN.2022 17:43:06

Lowest Band Edge / Full RB



Date: 7 JUN.2022 17:38:53

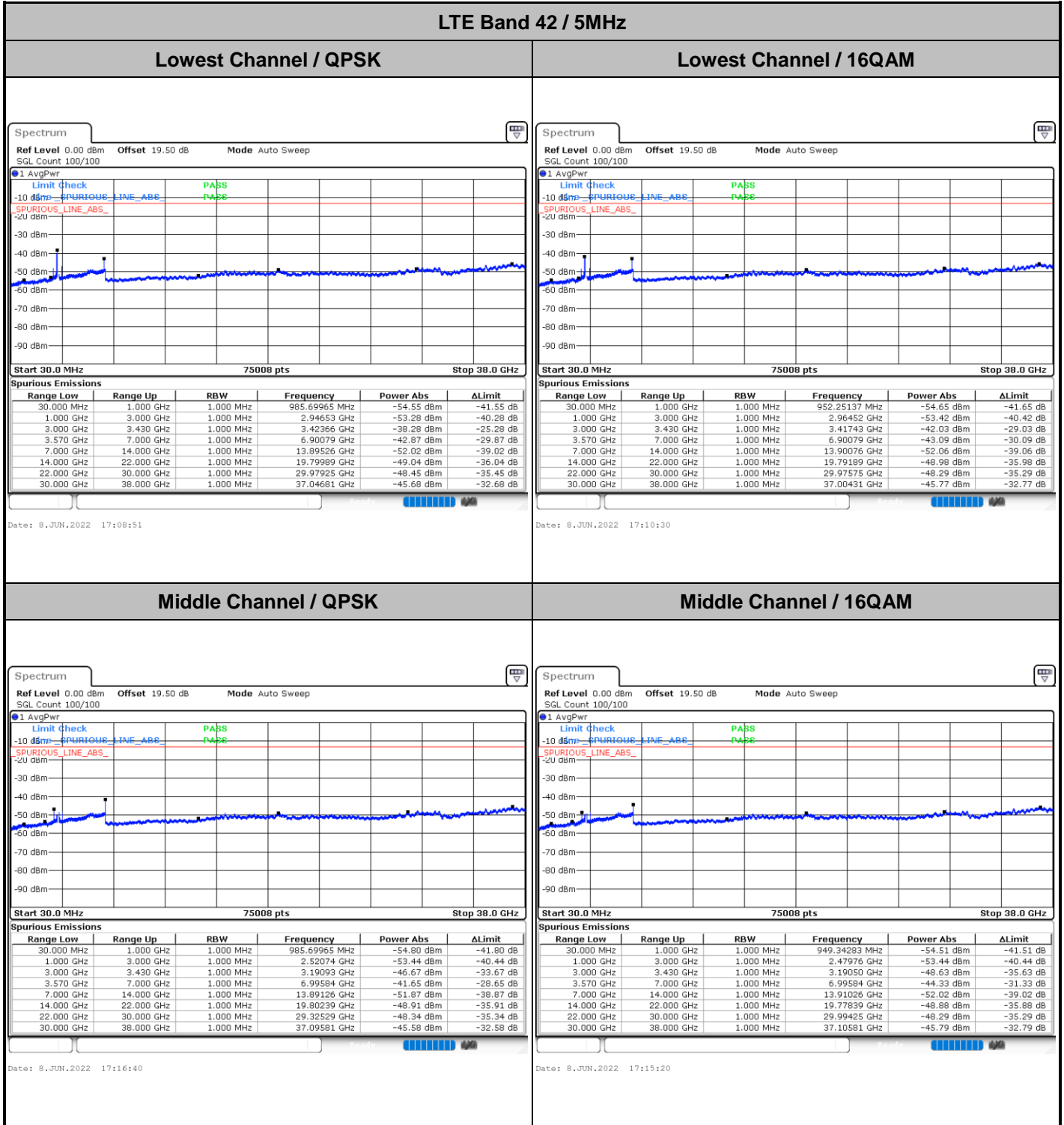
Highest Band Edge / Full RB



Date: 7 JUN.2022 17:43:35



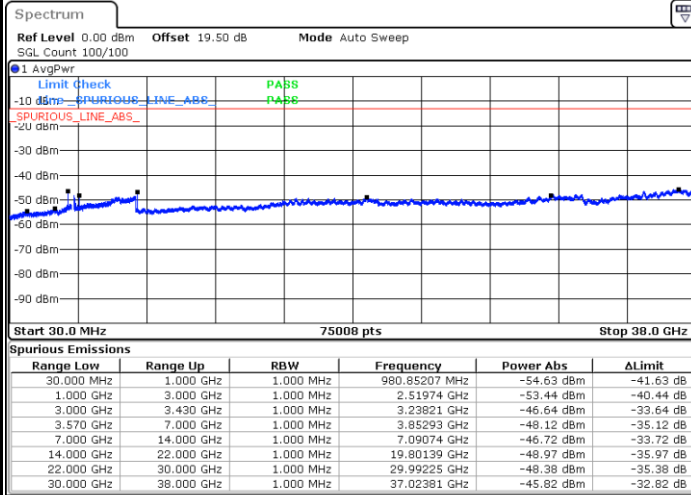
Conducted Spurious Emission





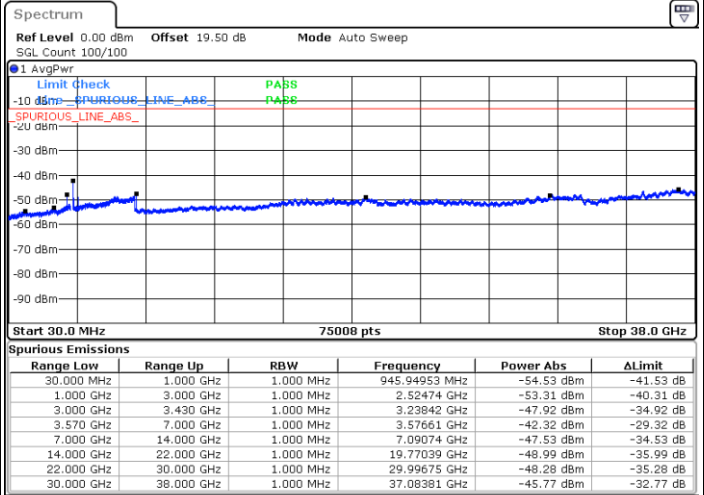
LTE Band 42 / 5MHz

Highest Channel / QPSK



Date: 8 JUN.2022 17:18:11

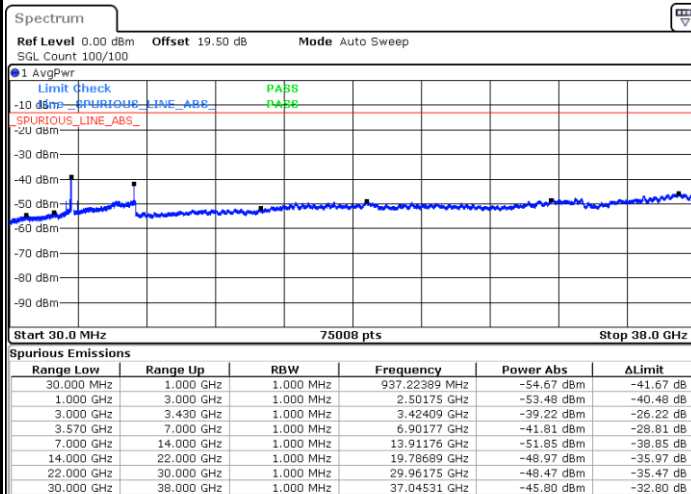
Highest Channel / 16QAM



Date: 8 JUN.2022 17:19:26

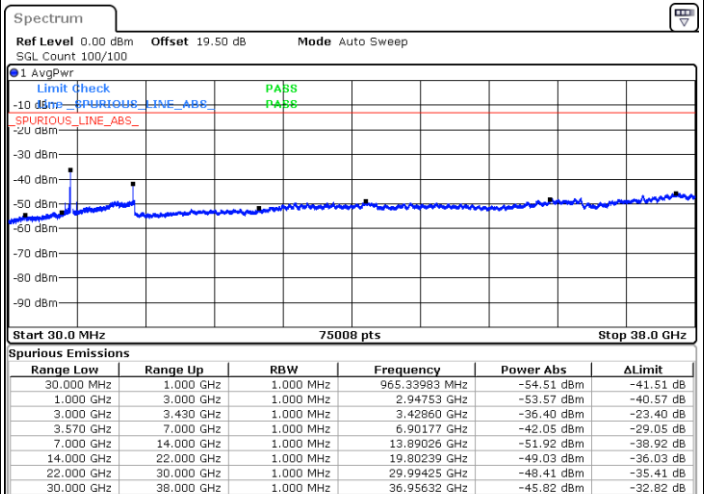
LTE Band 42 / 10MHz

Lowest Channel / QPSK



Date: 8 JUN.2022 17:25:31

Lowest Channel / 16QAM

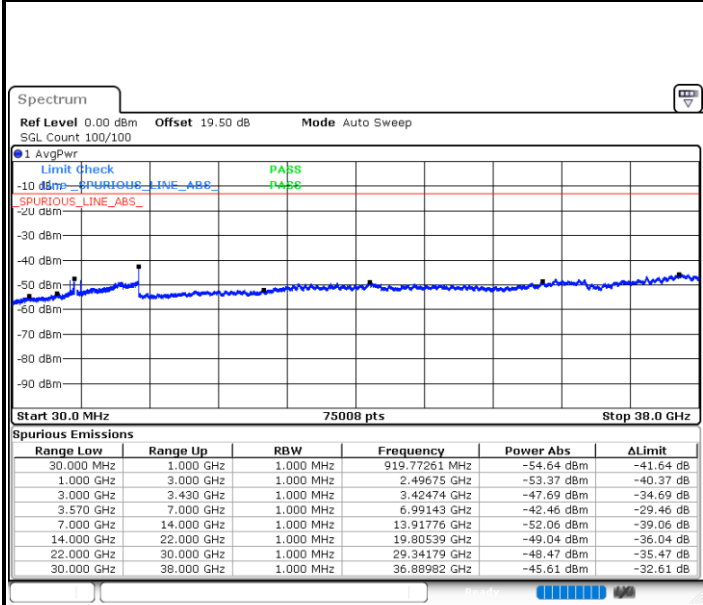


Date: 8 JUN.2022 17:24:01



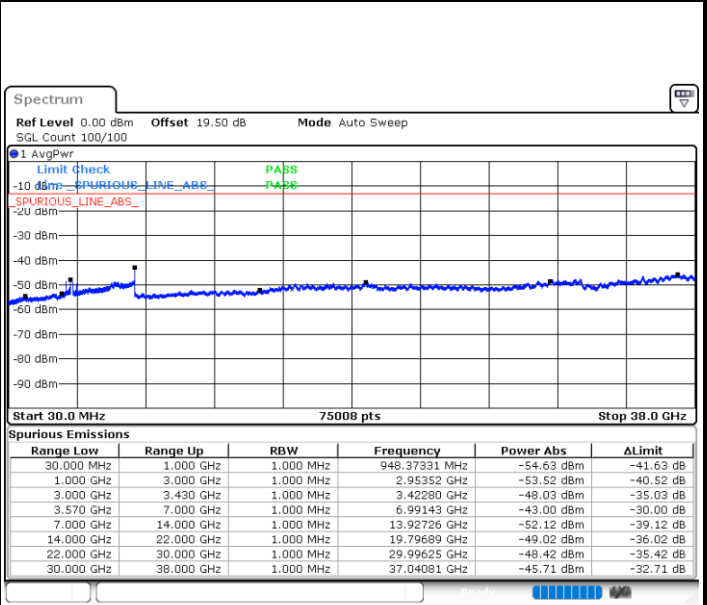
LTE Band 42 / 10MHz

Middle Channel / QPSK



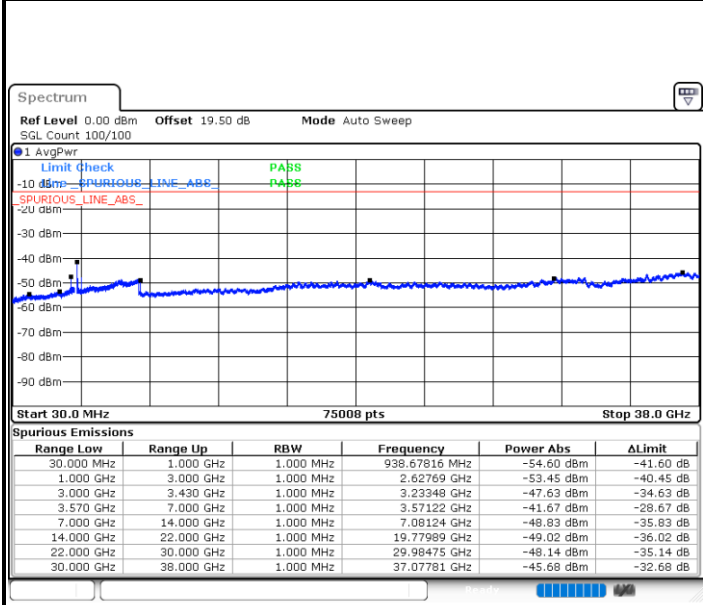
Date: 8 JUN.2022 17:26:59

Middle Channel / 16QAM



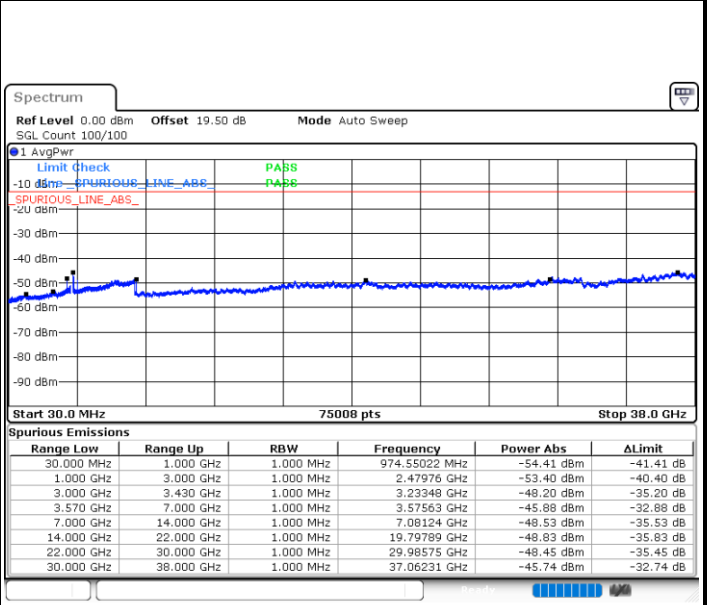
Date: 8 JUN.2022 17:28:20

Highest Channel / QPSK



Date: 8 JUN.2022 17:33:43

Highest Channel / 16QAM



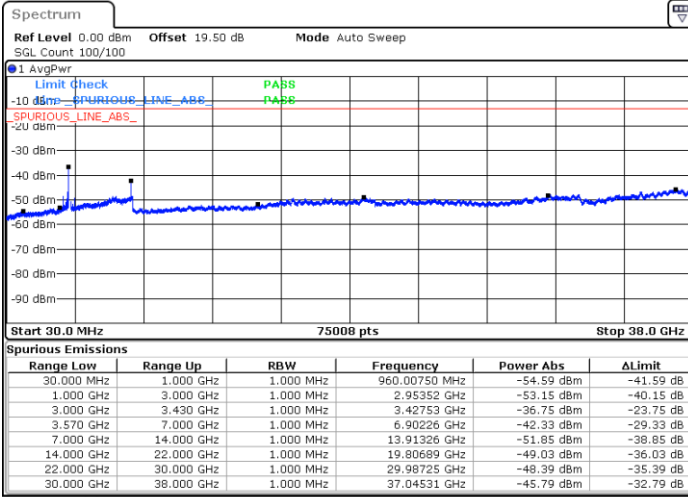
Date: 8 JUN.2022 17:32:27



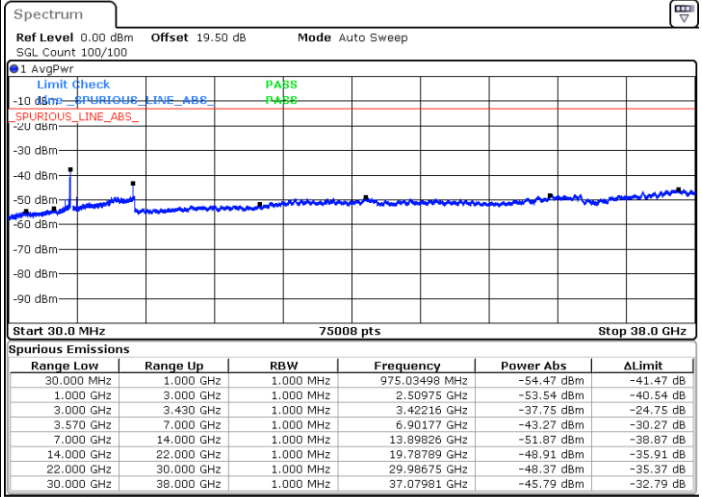
LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



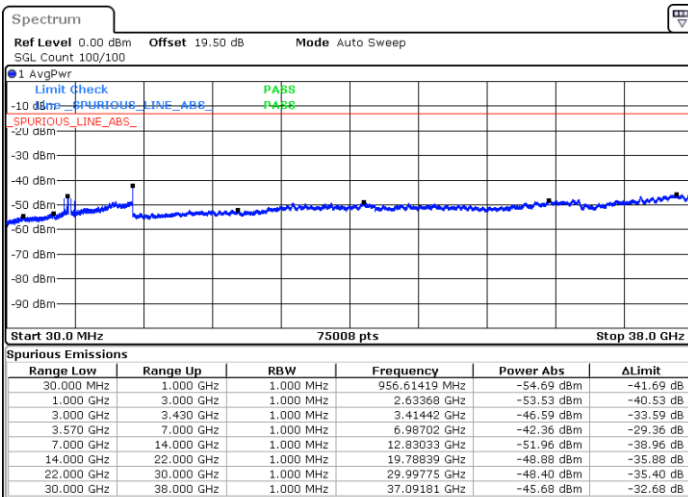
Date: 8 JUN.2022 17:35:14



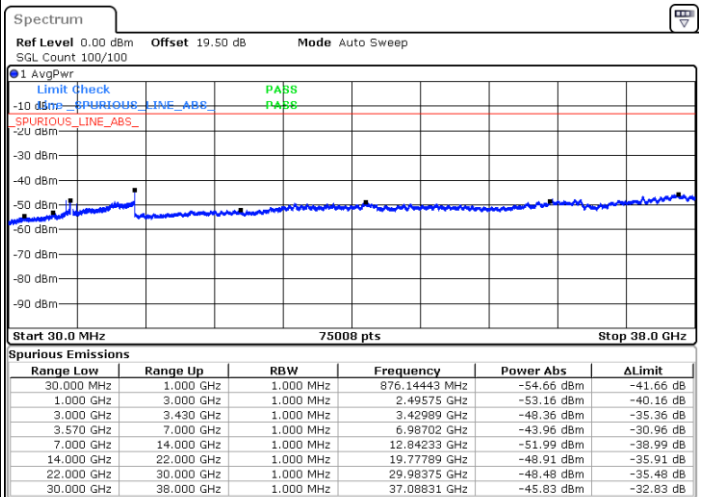
Date: 8 JUN.2022 17:36:31

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 JUN.2022 17:42:10

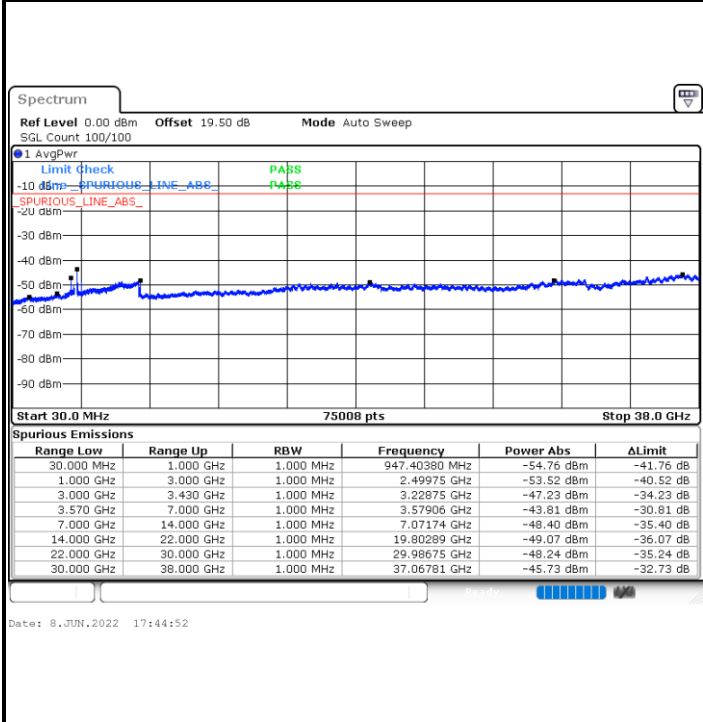


Date: 8 JUN.2022 17:40:49

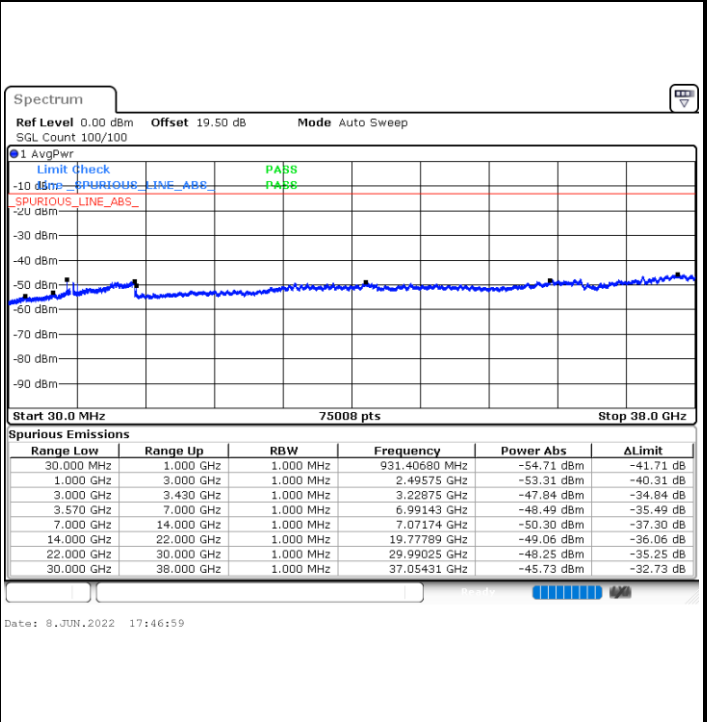


LTE Band7 / 15MHz

Highest Channel / QPSK

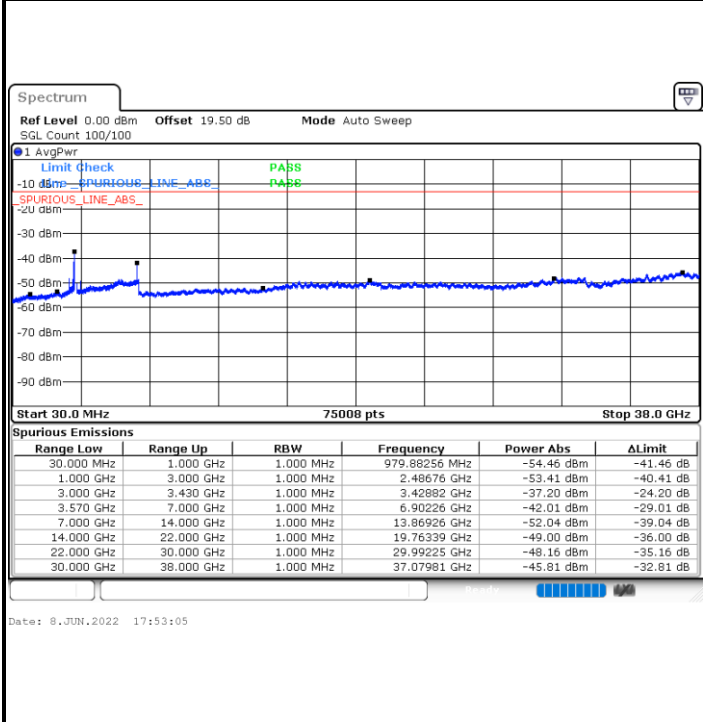


Highest Channel / 16QAM

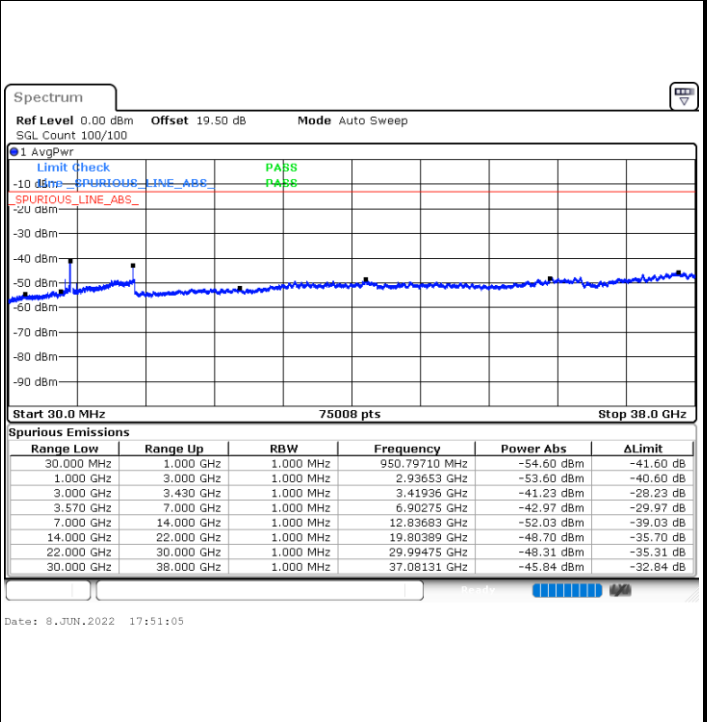


LTE Band 42 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

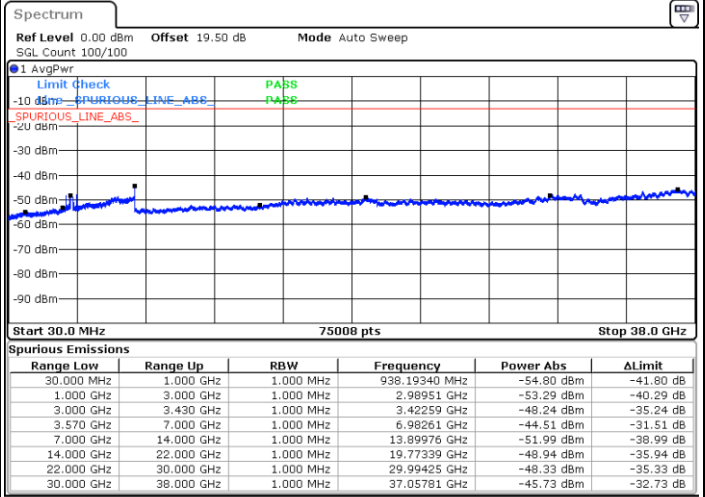
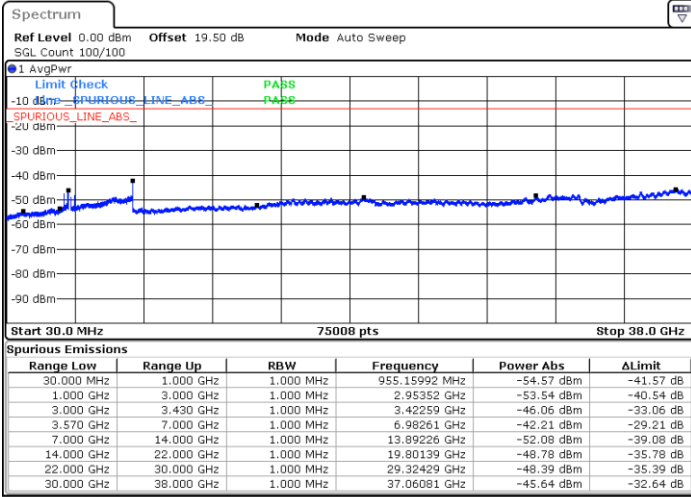




LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

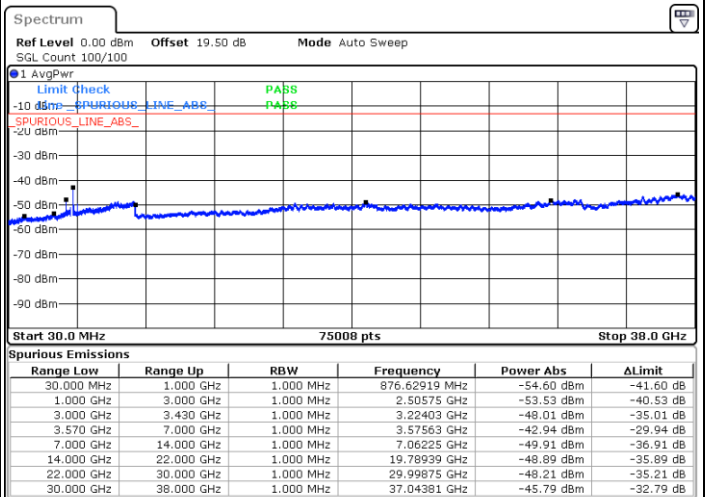
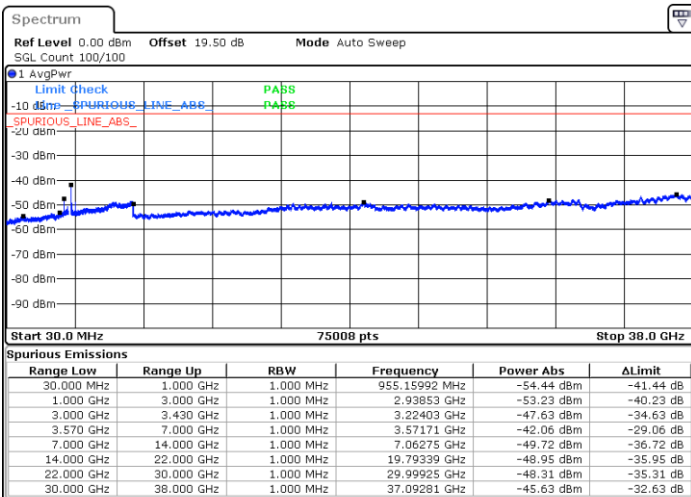


Date: 8 JUN.2022 17:54:51

Date: 8 JUN.2022 17:56:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JUN.2022 18:01:54

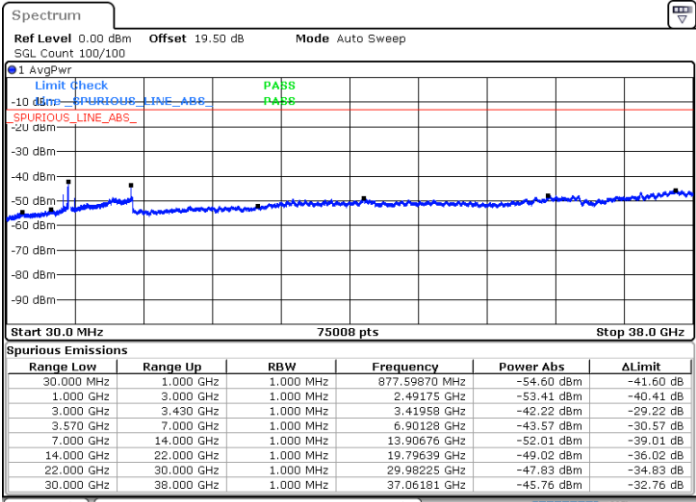
Date: 8 JUN.2022 18:00:20



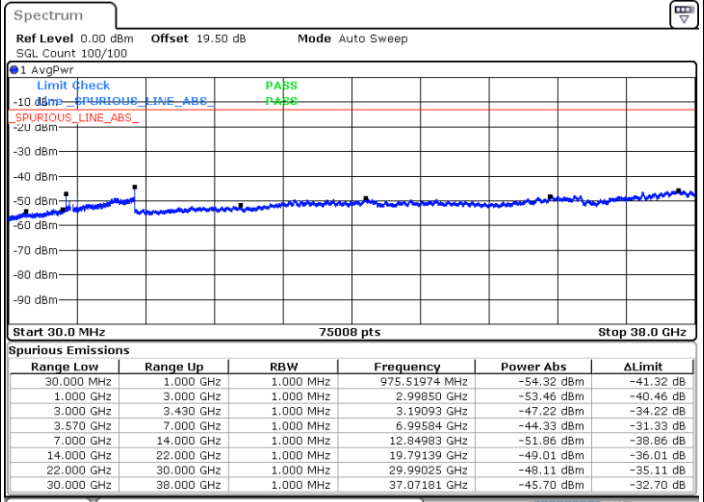
LTE Band 42 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

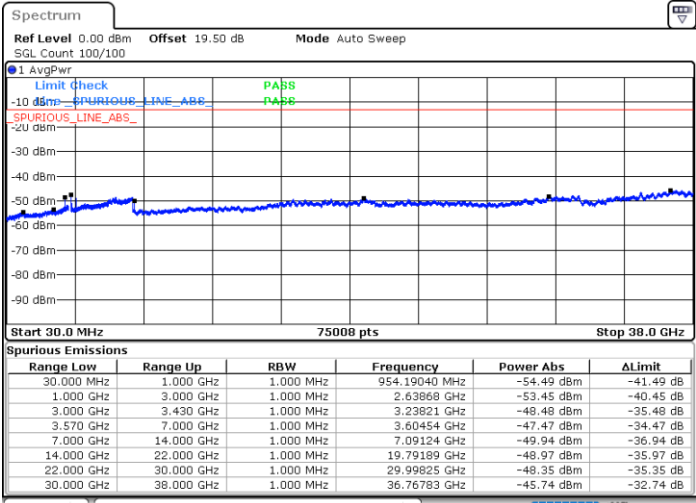


Date: 8 JUN.2022 17:11:48



Date: 8 JUN.2022 17:14:06

Highest Channel / 64QAM



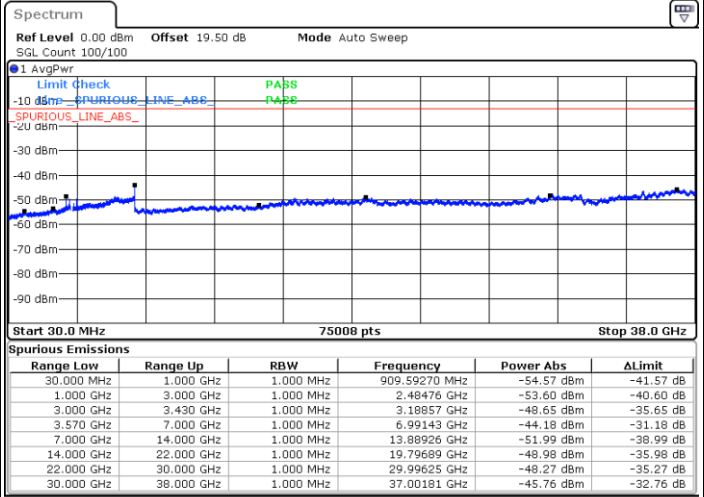
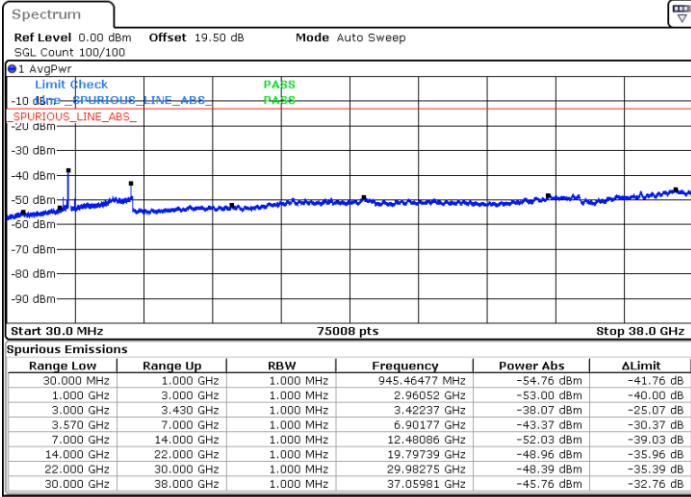
Date: 8 JUN.2022 17:20:55



LTE Band 42 / 10MHz

Lowest Channel / 64QAM

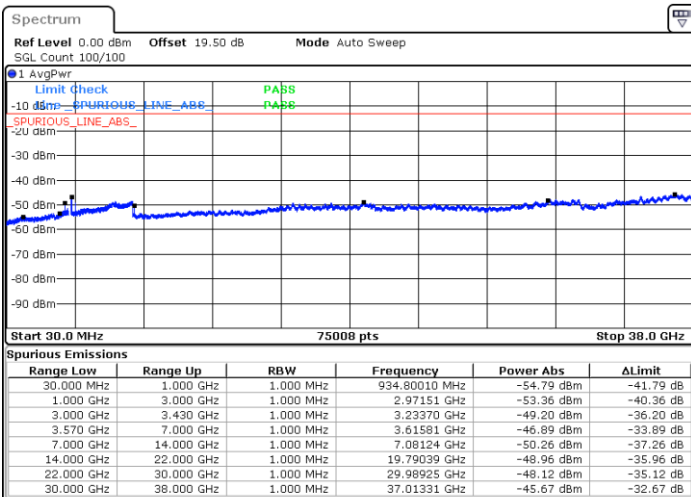
Middle Channel / 64QAM



Date: 8 JUN.2022 17:22:37

Date: 8 JUN.2022 17:29:37

Highest Channel / 64QAM



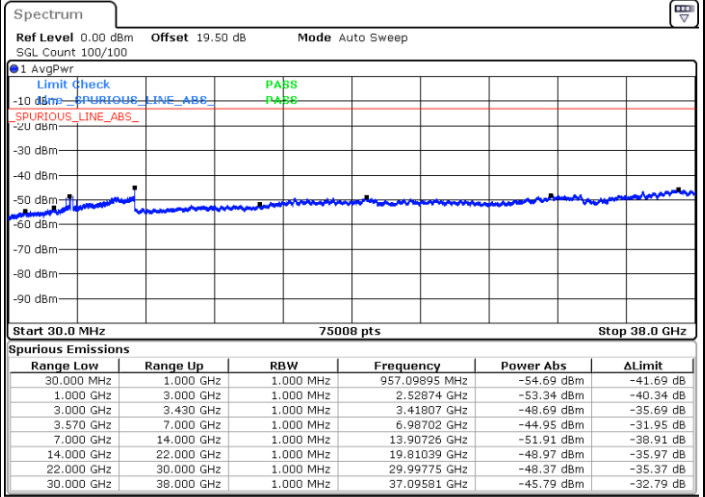
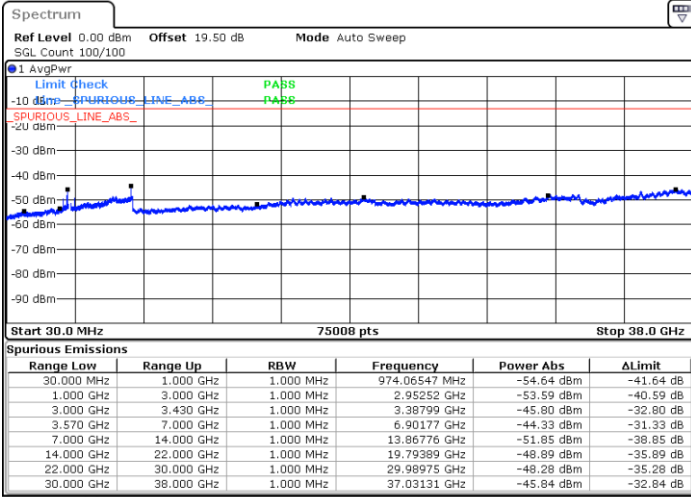
Date: 8 JUN.2022 17:31:01



LTE Band 42 / 15MHz

Lowest Channel / 64QAM

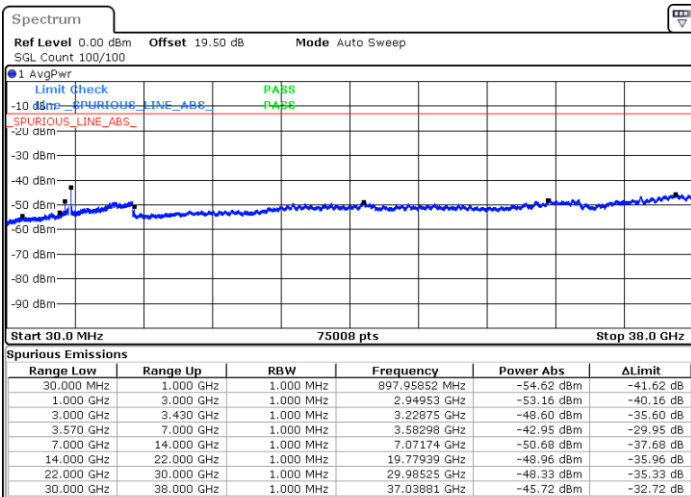
Middle Channel / 64QAM



Date: 8 JUN.2022 17:38:01

Date: 8 JUN.2022 17:39:27

Highest Channel / 64QAM



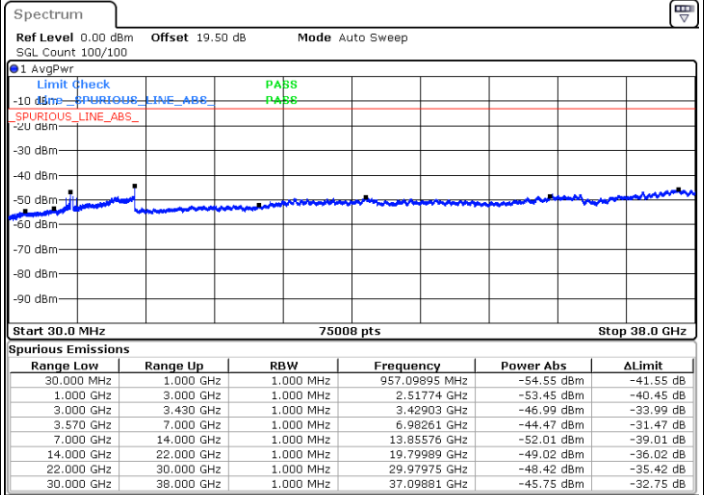
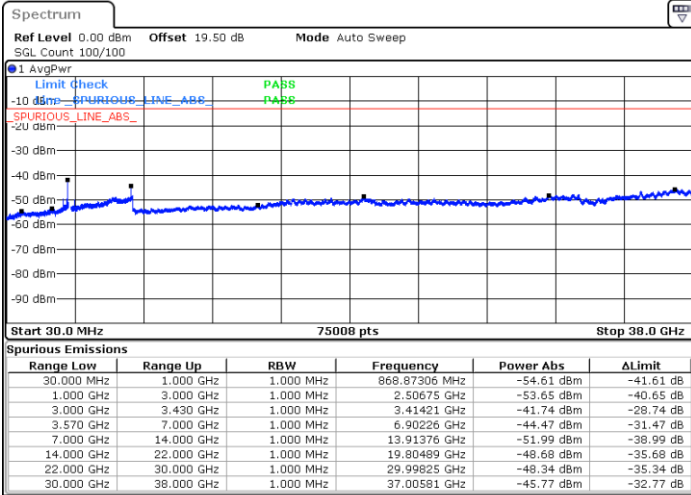
Date: 8 JUN.2022 17:48:20



LTE Band 42 / 20MHz

Lowest Channel / 64QAM

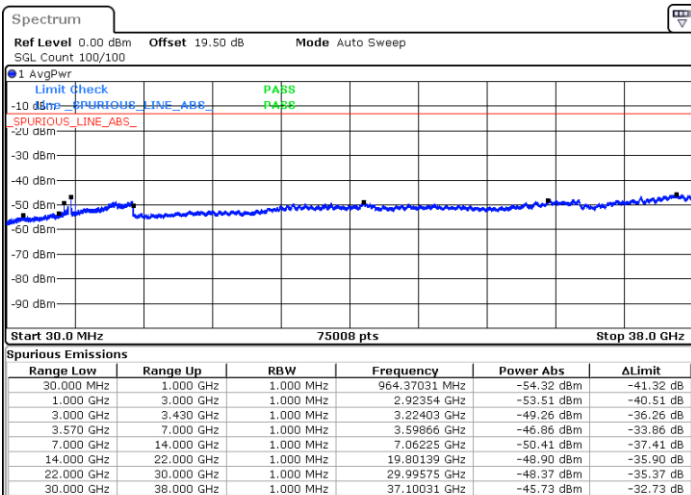
Middle Channel / 64QAM



Date: 8 JUN.2022 17:49:48

Date: 8 JUN.2022 17:53:30

Highest Channel / 64QAM



Date: 8 JUN.2022 17:58:58

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.2 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 :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0									
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)
Lowest	6802.00	-56.78	-13	-43.78	-55.68	-60.11	8.25	11.58	H
	10203.00	-49.79	-13	-36.79	-54.36	-51.34	10.45	12.00	H
	13604.00	-49.43	-13	-36.43	-58.34	-51.14	11.74	13.45	H
	6802.00	-56.52	-13	-43.52	-55.73	-59.85	8.25	11.58	V
	10203.00	-47.32	-13	-34.32	-51.29	-48.87	10.45	12.00	V
	13604.00	-50.21	-13	-37.21	-57.95	-51.92	11.74	13.45	V
Middle	6982.00	-55.75	-13	-42.75	-55.40	-59.05	8.30	11.60	H
	10473.00	-48.46	-13	-35.46	-53.54	-49.98	10.48	12.00	H
	13964.00	-50.92	-13	-37.92	-58.24	-52.62	11.80	13.50	H
	6982.00	-55.22	-13	-42.22	-54.91	-58.52	8.30	11.60	V
	10473.00	-46.63	-13	-33.63	-51.57	-48.15	10.48	12.00	V
	13964.00	-50.8	-13	-37.8	-58.20	-52.50	11.80	13.50	V
Highest	7162.00	-52.34	-13	-39.34	-52.50	-55.64	8.32	11.62	H
	10743.00	-50.75	-13	-37.75	-56.40	-52.43	10.52	12.20	H
	14324.00	-49.71	-13	-36.71	-57.52	-51.41	11.85	13.55	H
	7162.00	-51.14	-13	-38.14	-52.07	-54.44	8.32	11.62	V
	10743.00	-49.86	-13	-36.86	-55.51	-51.54	10.52	12.20	V
	14324.00	-48.09	-13	-35.09	-57.59	-49.79	11.85	13.55	V

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