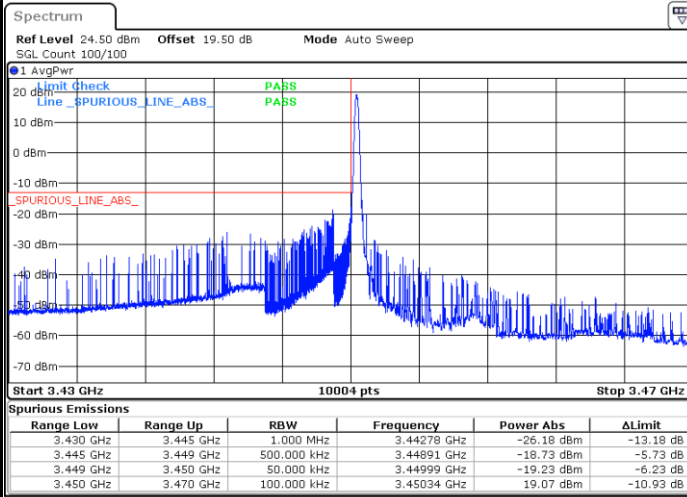




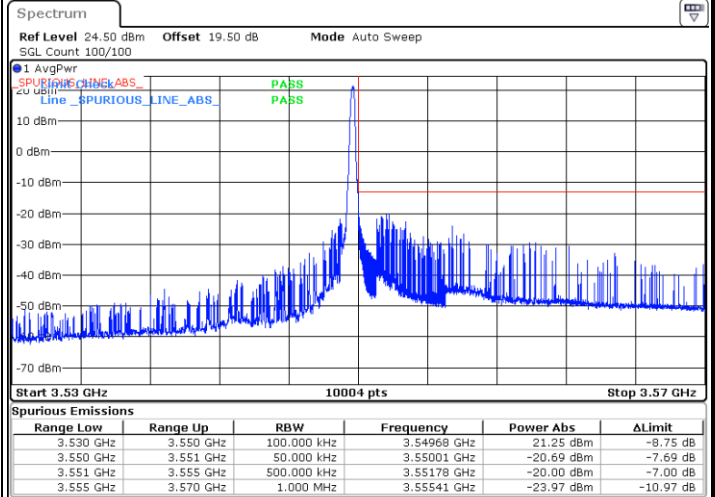
LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB



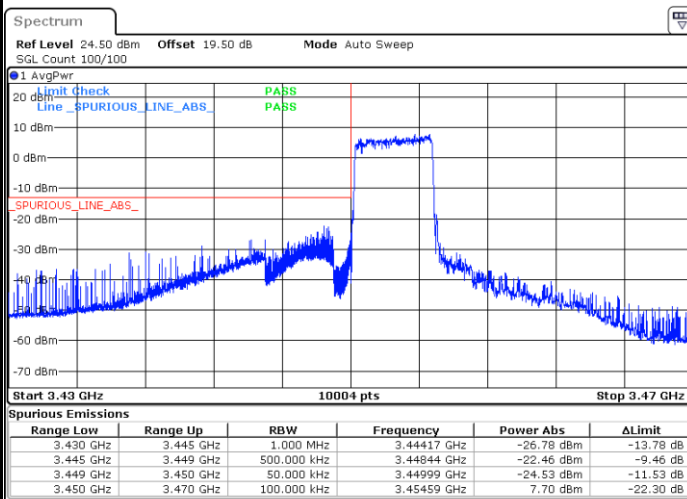
Date: 27.MAR.2022 09:43:14

Highest Band Edge / 1 RB



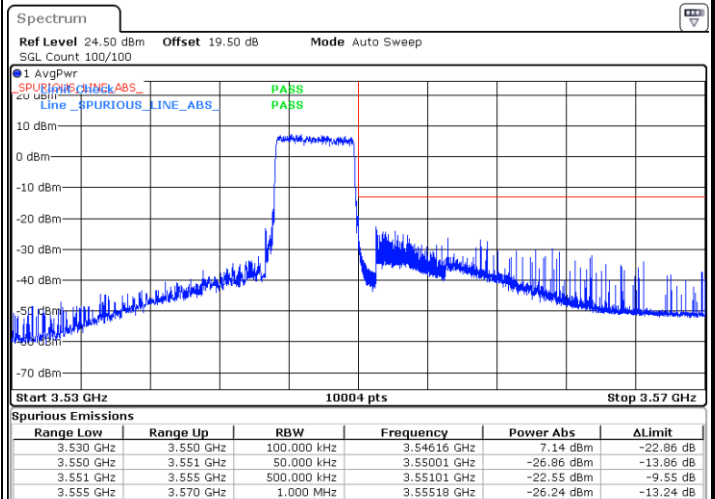
Date: 27.MAR.2022 10:38:57

Lowest Band Edge / Full RB



Date: 27.MAR.2022 10:35:02

Highest Band Edge / Full RB

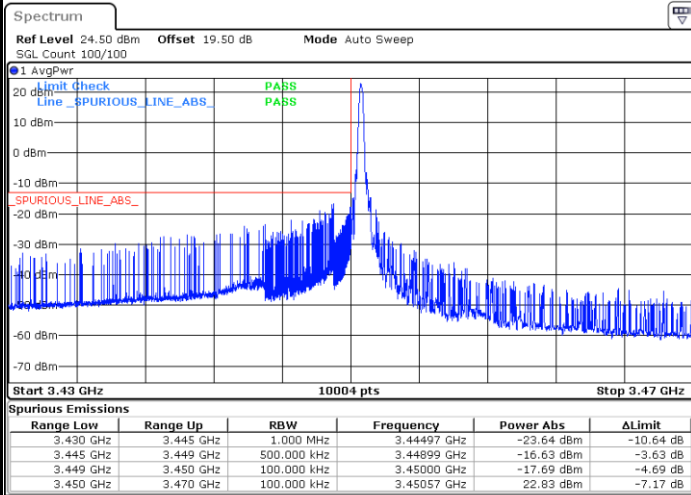


Date: 27.MAR.2022 10:36:55



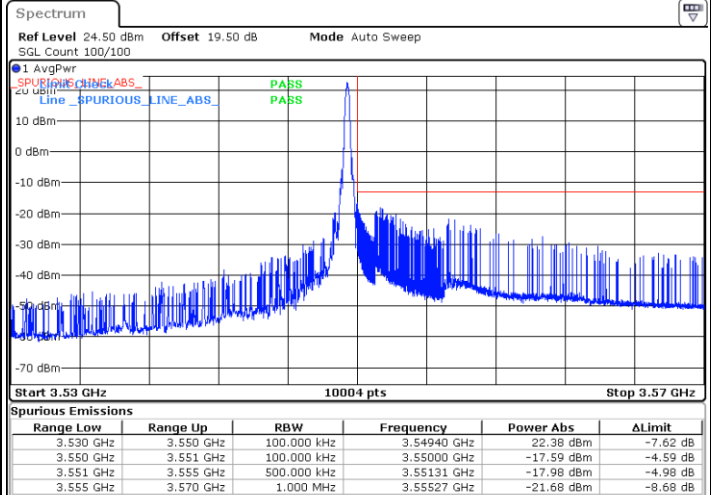
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



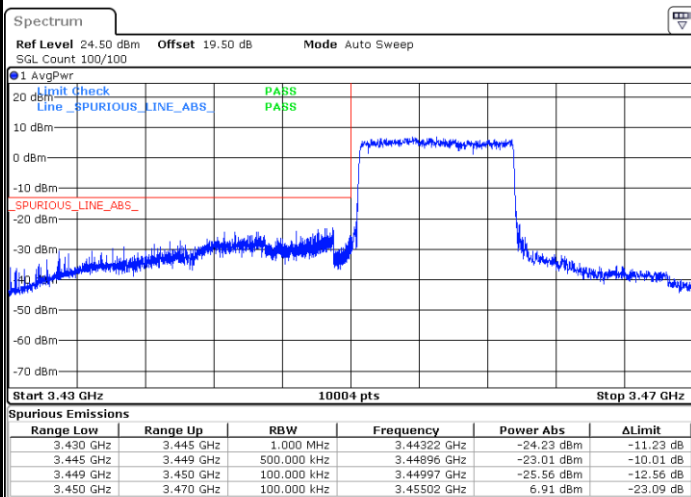
Date: 27.MAR.2022 11:09:44

Highest Band Edge / 1 RB



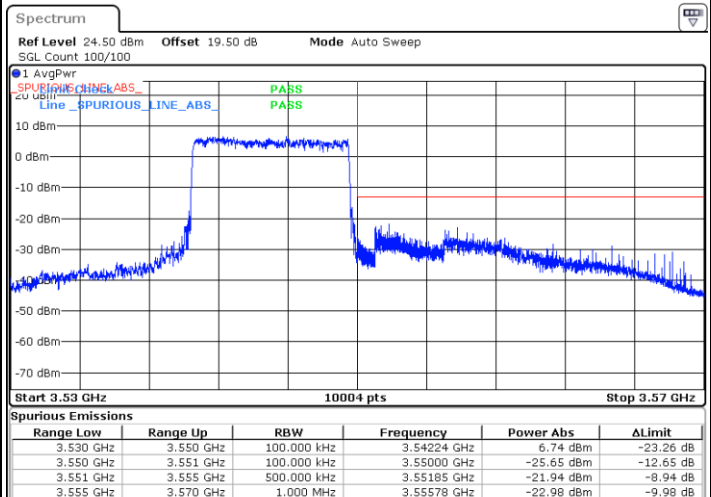
Date: 27.MAR.2022 11:21:01

Lowest Band Edge / Full RB



Date: 27.MAR.2022 11:06:22

Highest Band Edge / Full RB

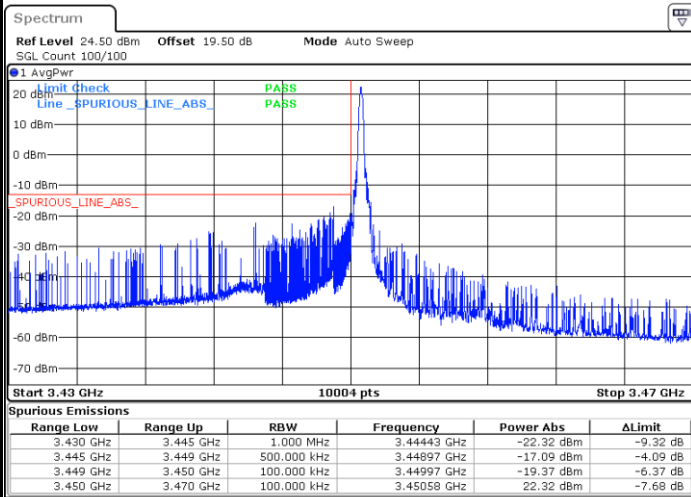


Date: 27.MAR.2022 11:21:42



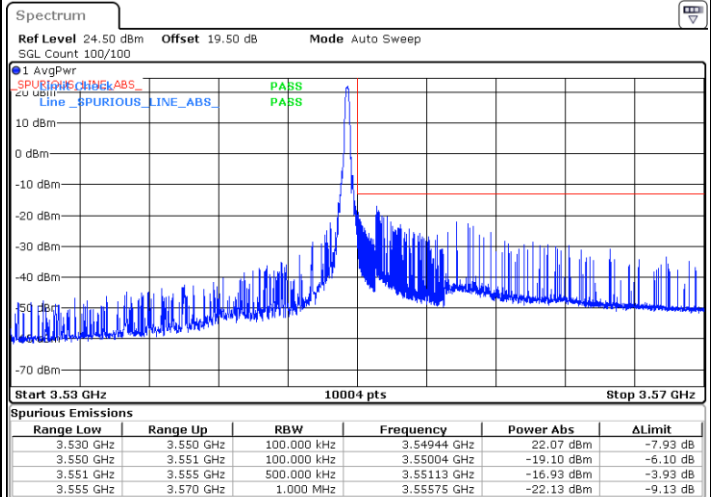
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



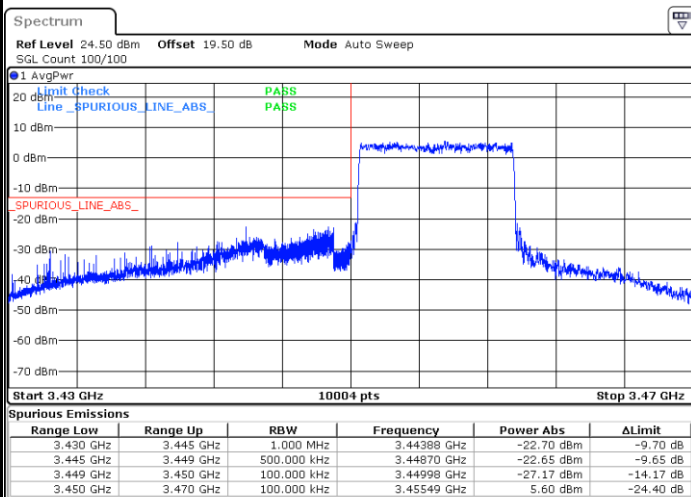
Date: 27.MAR.2022 11:09:03

Highest Band Edge / 1 RB



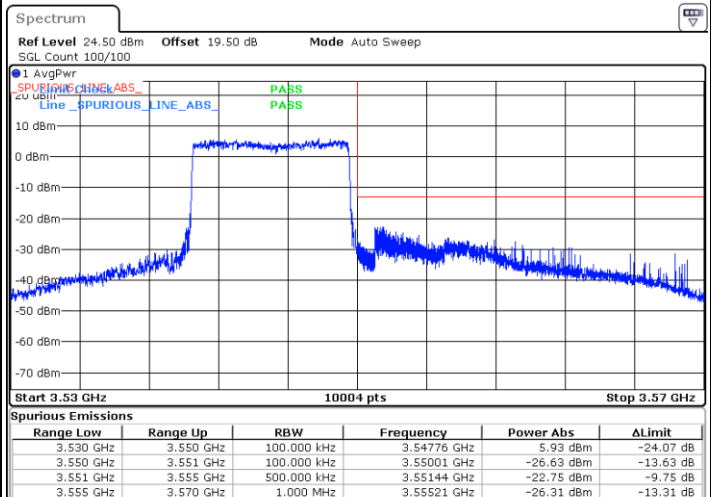
Date: 27.MAR.2022 11:20:21

Lowest Band Edge / Full RB



Date: 27.MAR.2022 11:07:02

Highest Band Edge / Full RB

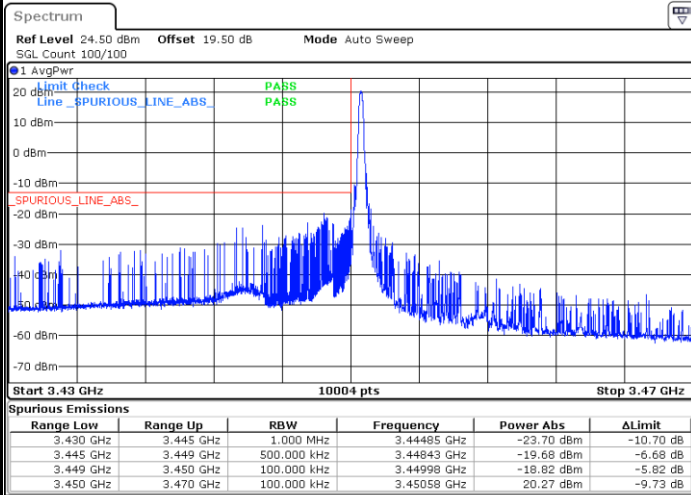


Date: 27.MAR.2022 11:22:22



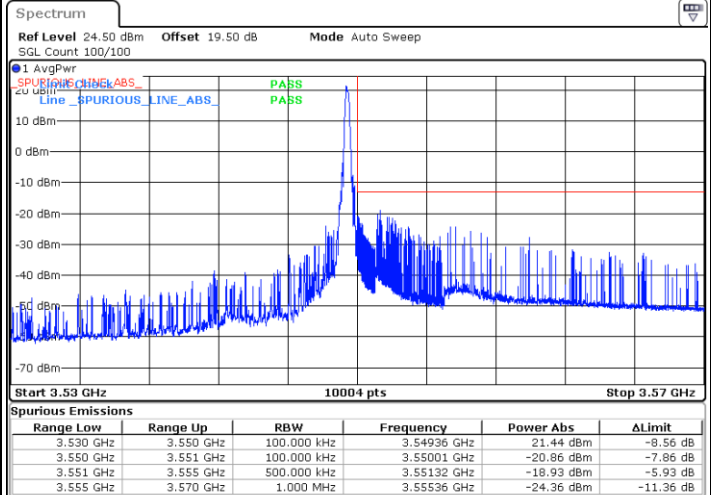
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



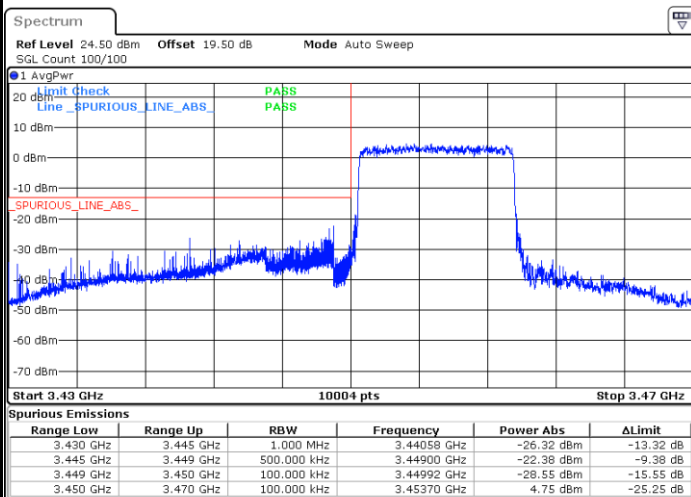
Date: 27.MAR.2022 11:08:23

Highest Band Edge / 1 RB



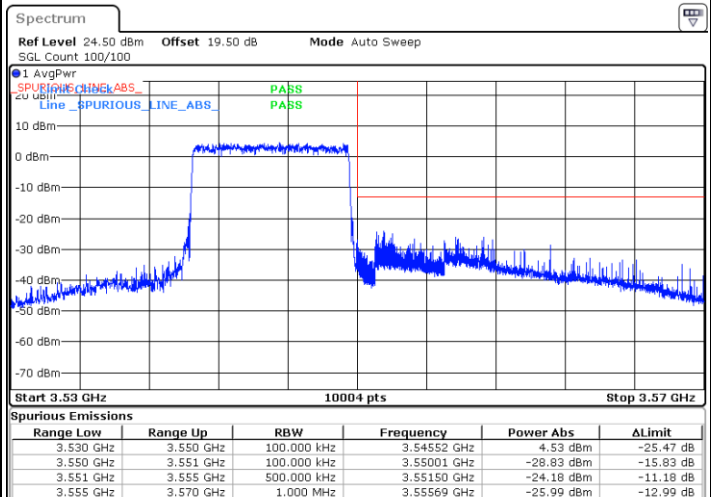
Date: 27.MAR.2022 11:19:40

Lowest Band Edge / Full RB



Date: 27.MAR.2022 11:07:42

Highest Band Edge / Full RB

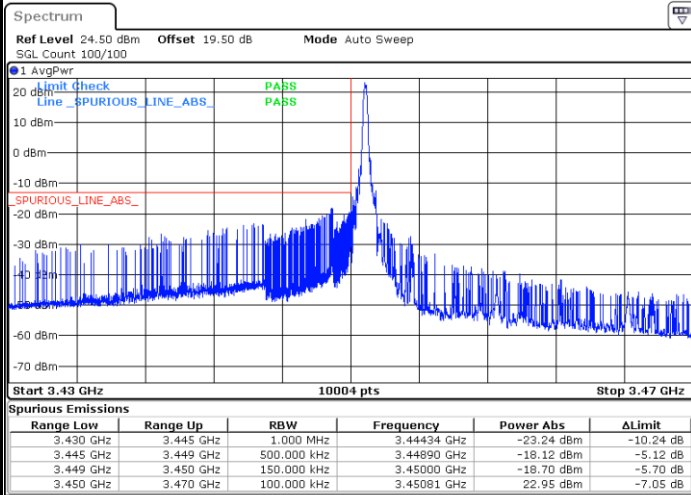


Date: 27.MAR.2022 11:23:03



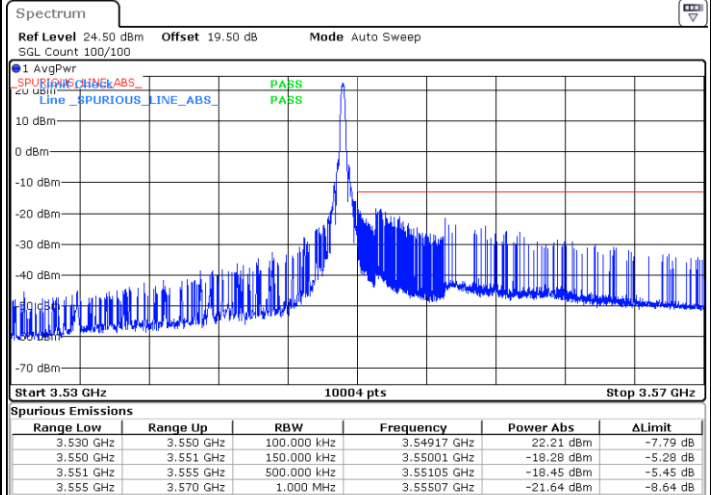
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



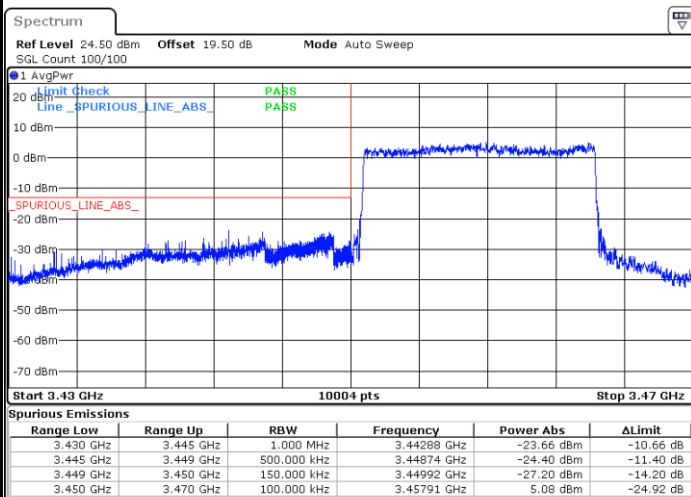
Date: 27.MAR.2022 11:25:45

Highest Band Edge / 1 RB



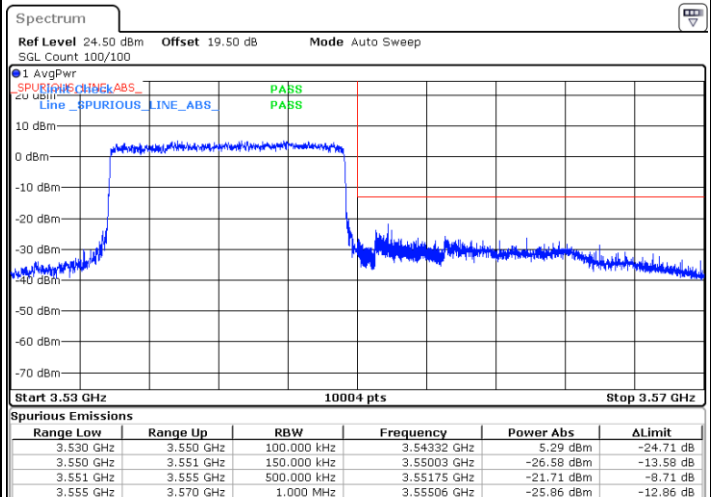
Date: 27.MAR.2022 11:37:03

Lowest Band Edge / Full RB

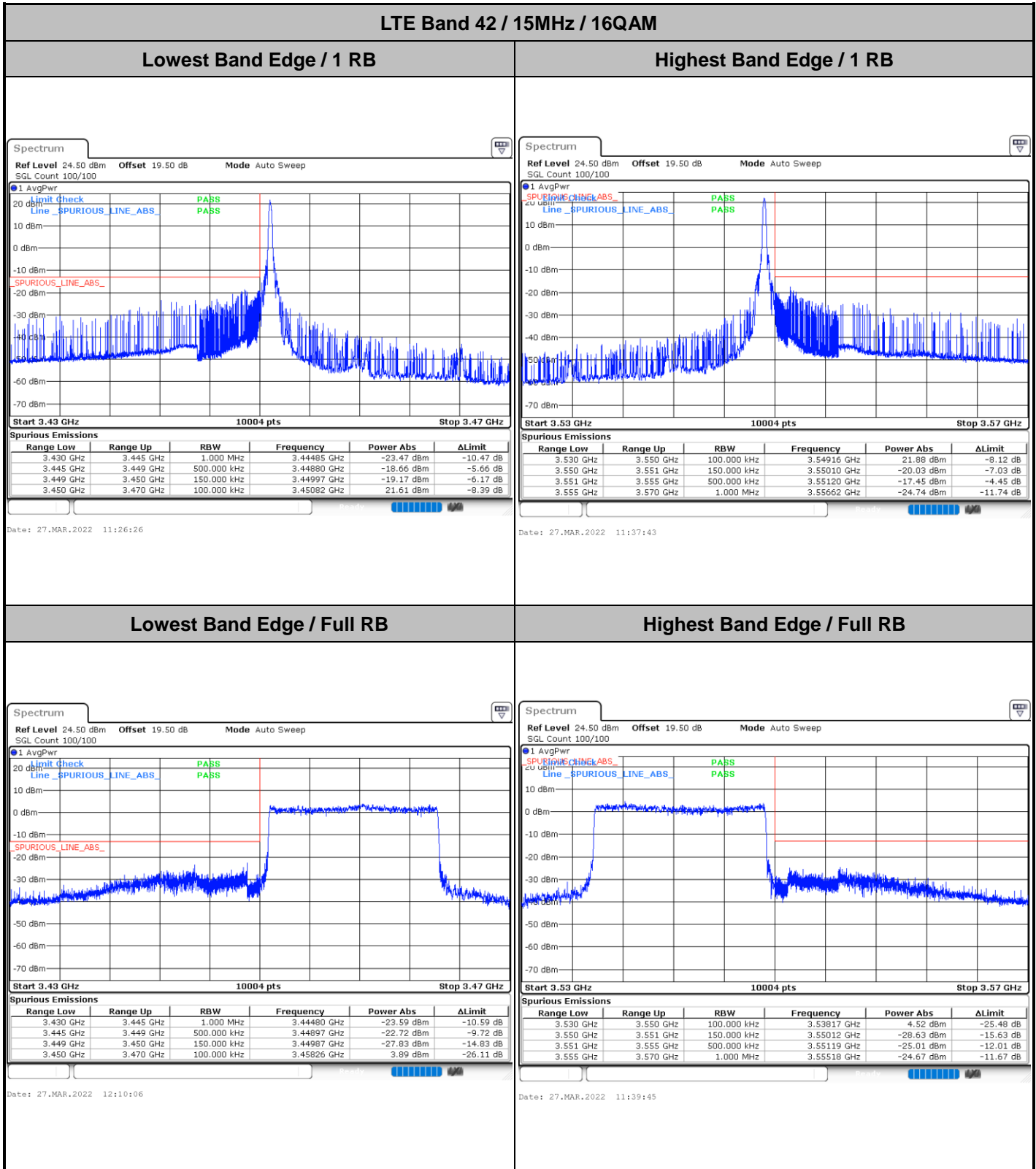


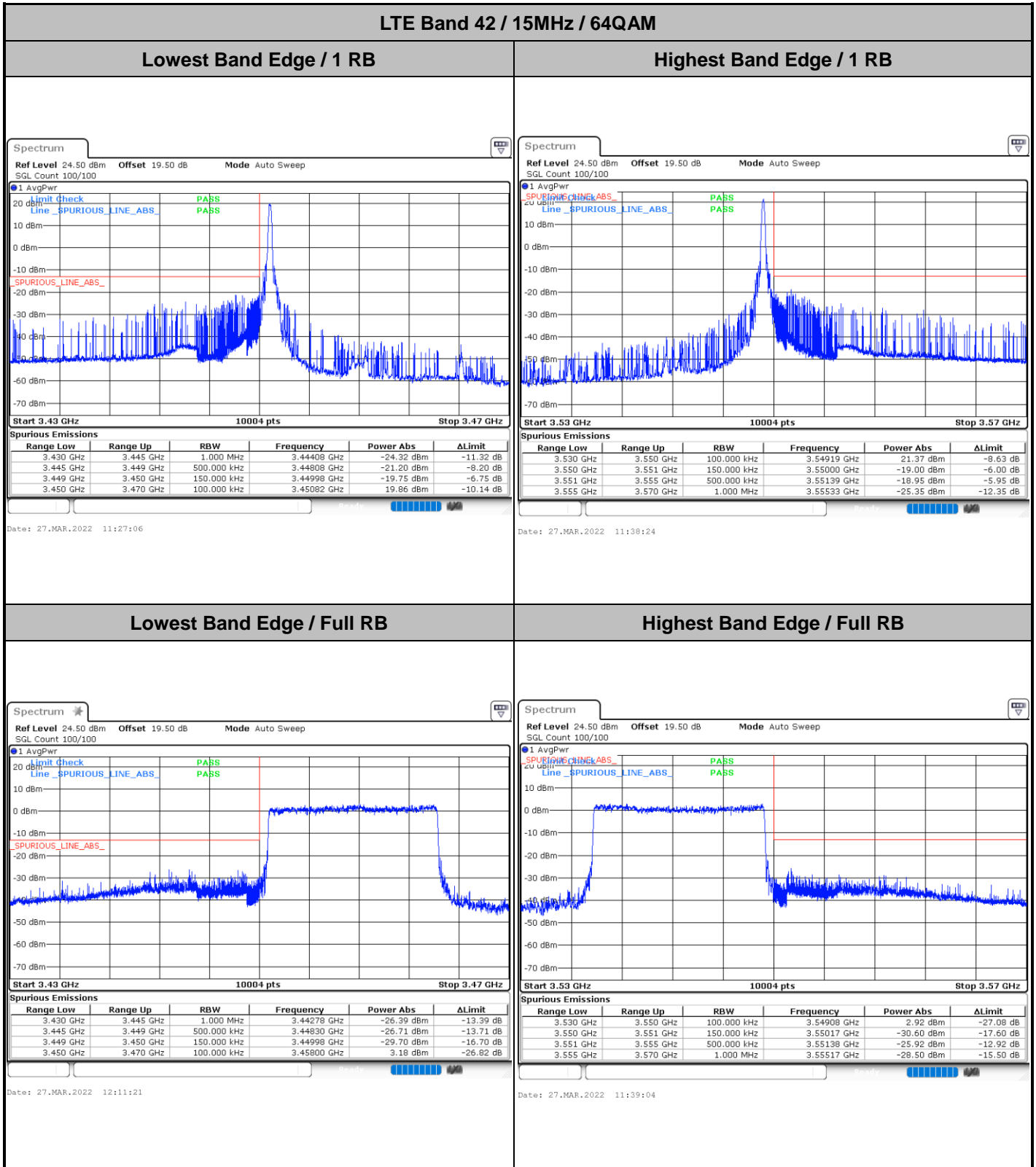
Date: 27.MAR.2022 12:09:40

Highest Band Edge / Full RB



Date: 27.MAR.2022 11:44:51

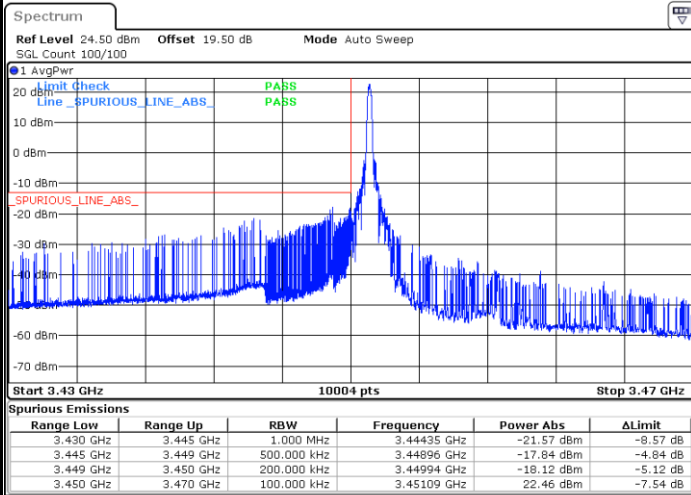






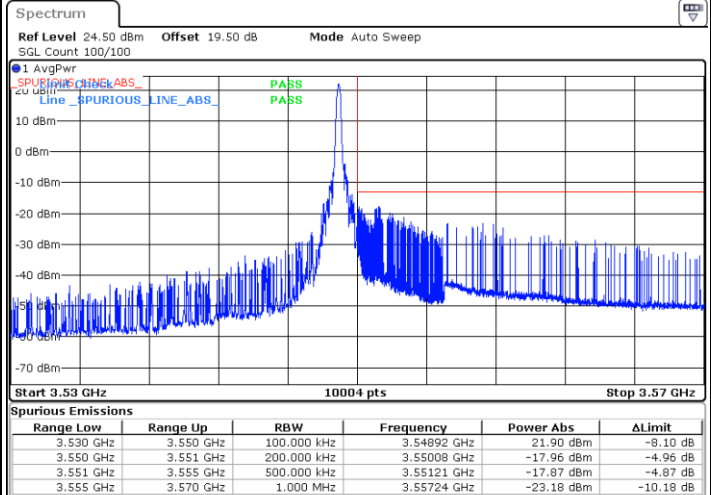
LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / 1 RB



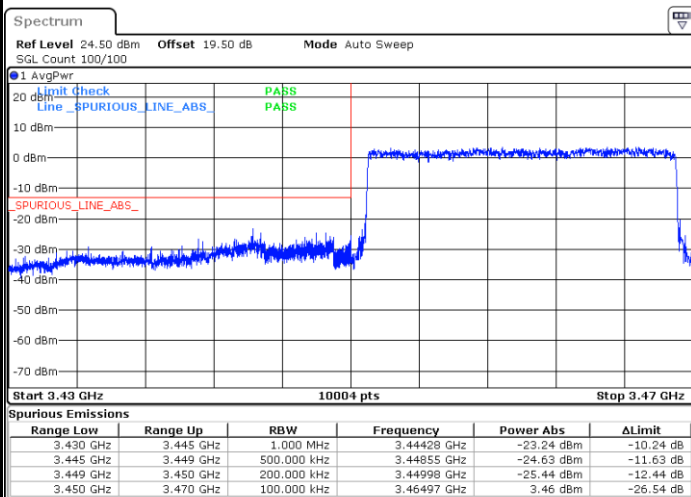
Date: 27.MAR.2022 11:48:54

Highest Band Edge / 1 RB



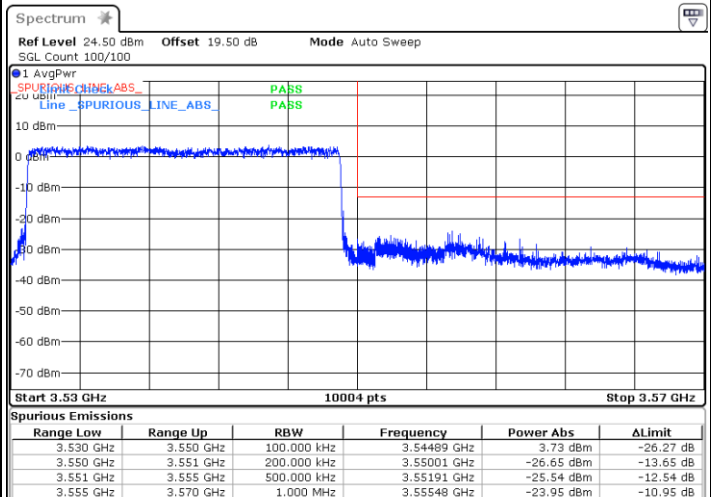
Date: 27.MAR.2022 12:00:11

Lowest Band Edge / Full RB



Date: 27.MAR.2022 11:45:32

Highest Band Edge / Full RB

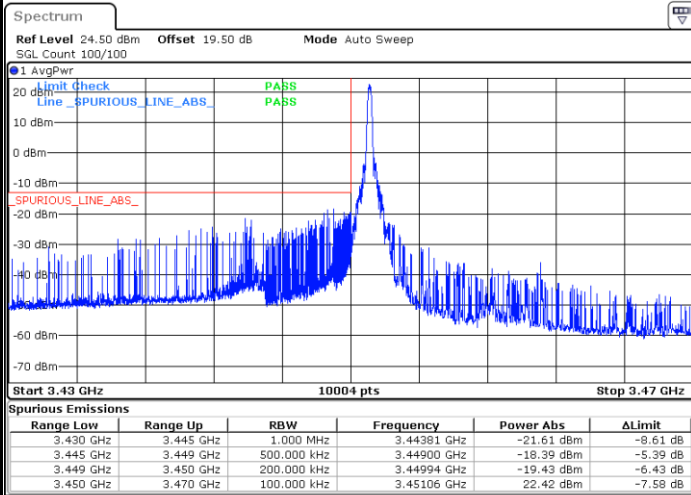


Date: 27.MAR.2022 12:08:00



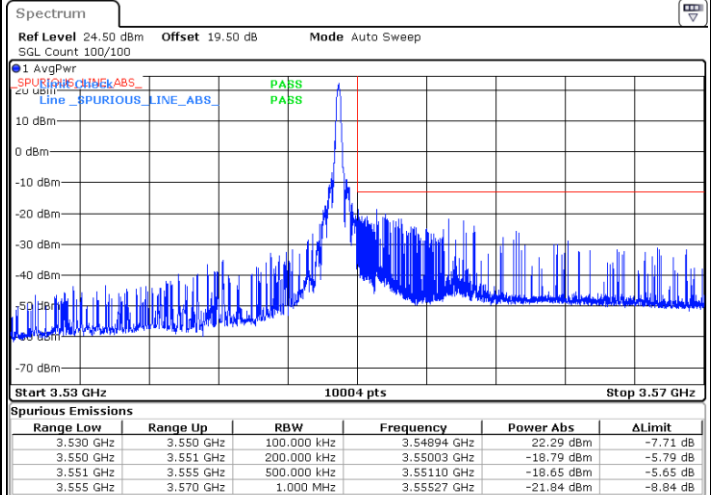
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



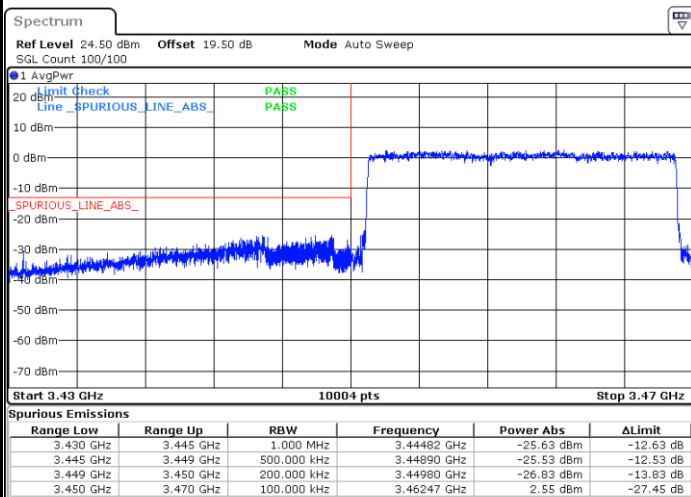
Date: 27.MAR.2022 11:48:14

Highest Band Edge / 1RB



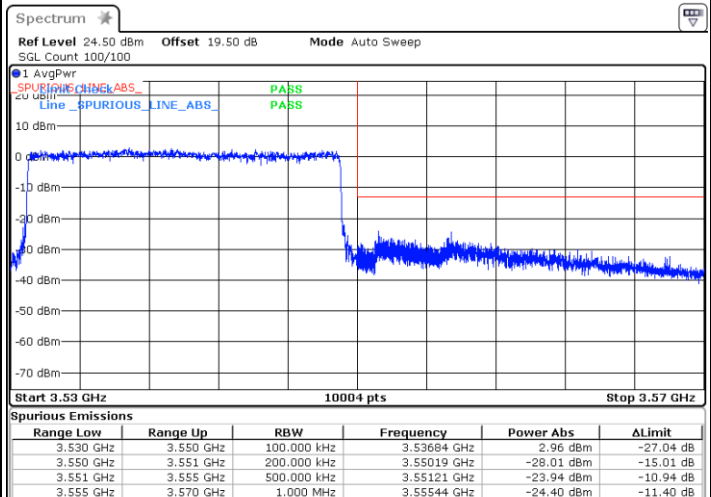
Date: 27.MAR.2022 11:59:31

Lowest Band Edge / Full RB



Date: 27.MAR.2022 11:46:13

Highest Band Edge / Full RB

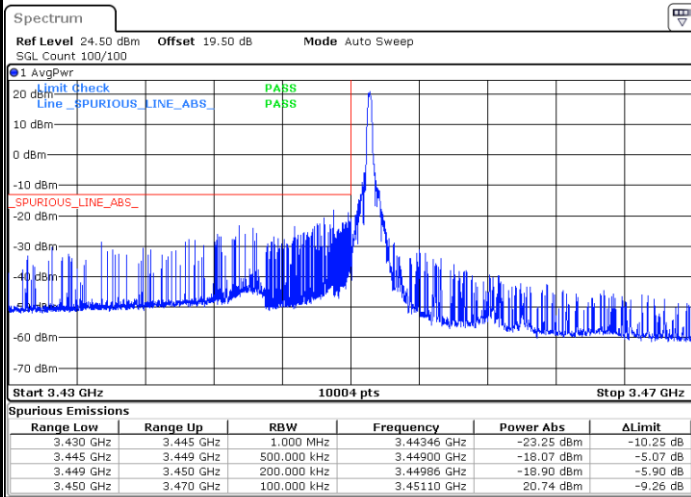


Date: 27.MAR.2022 12:08:44



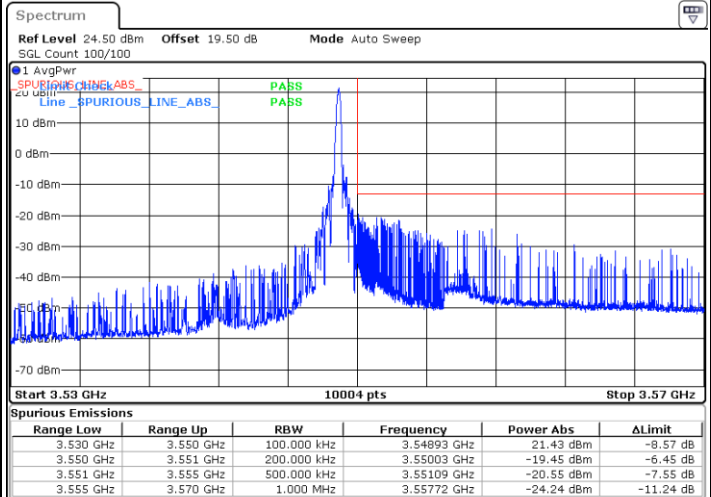
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



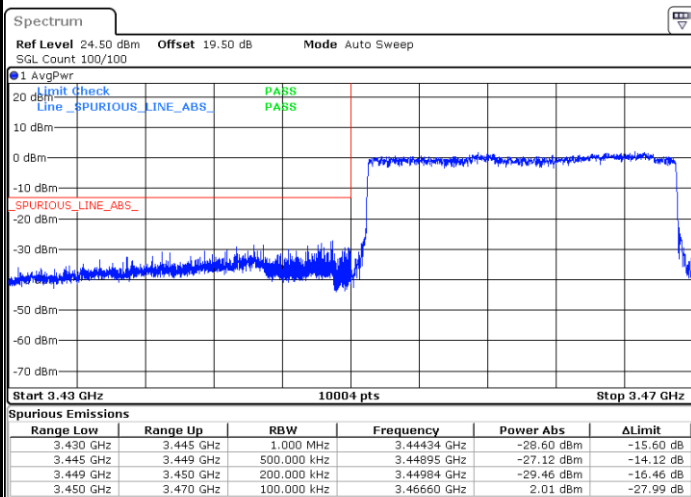
Date: 27.MAR.2022 11:47:34

Highest Band Edge / 1 RB



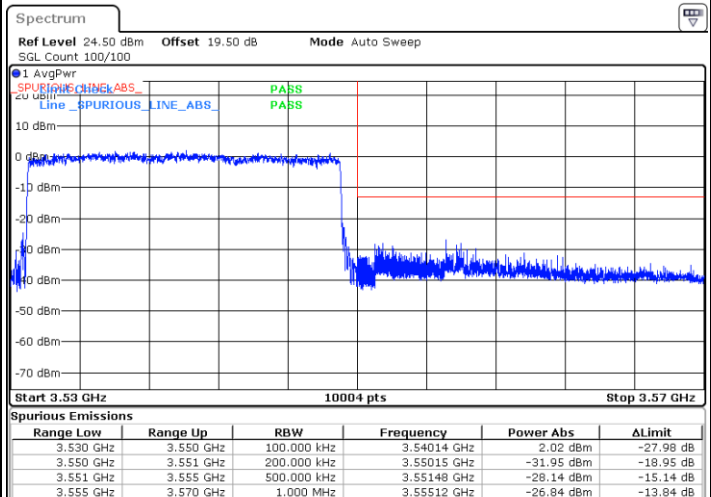
Date: 27.MAR.2022 11:58:50

Lowest Band Edge / Full RB



Date: 27.MAR.2022 11:46:53

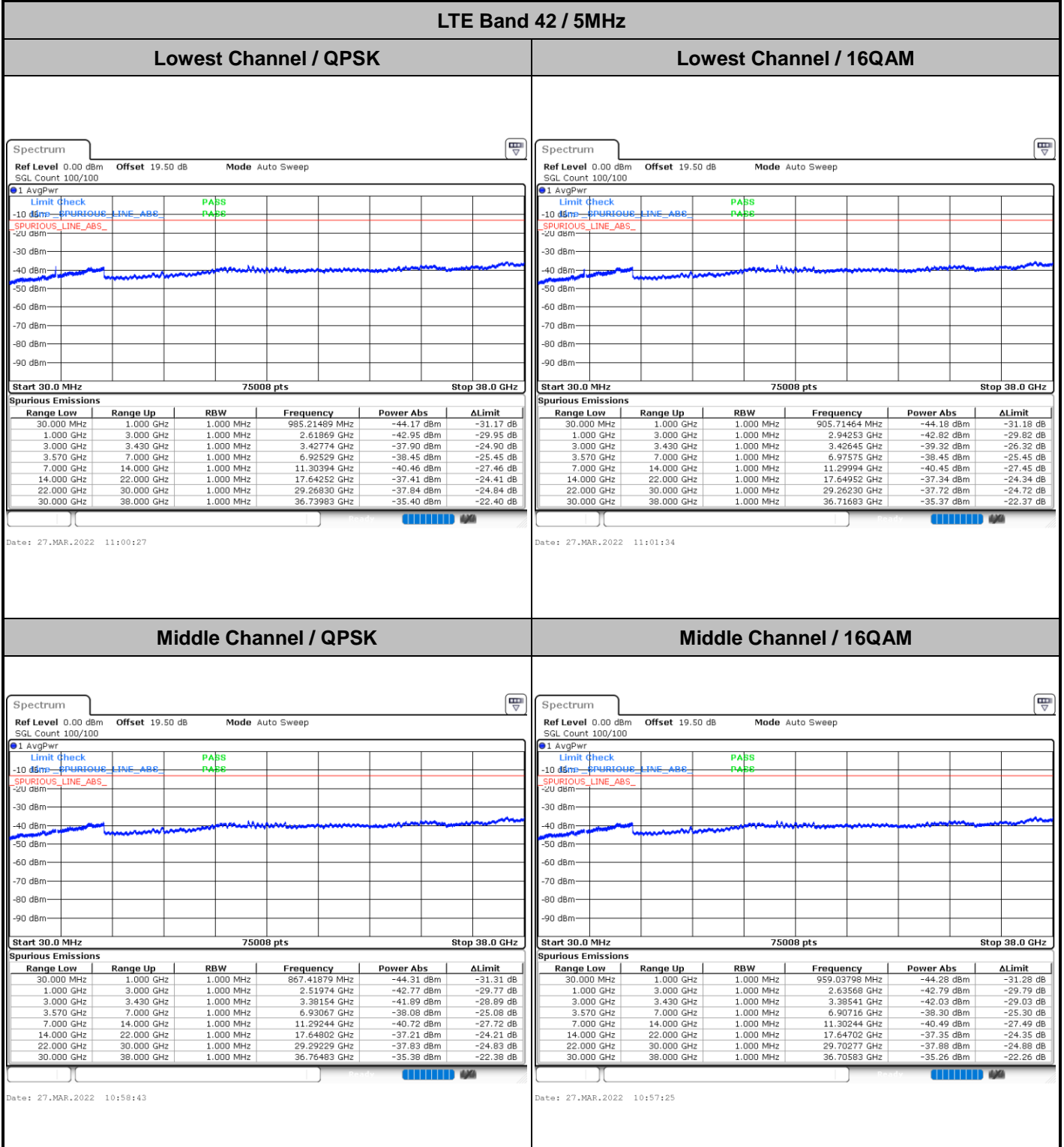
Highest Band Edge / Full RB



Date: 27.MAR.2022 12:02:13



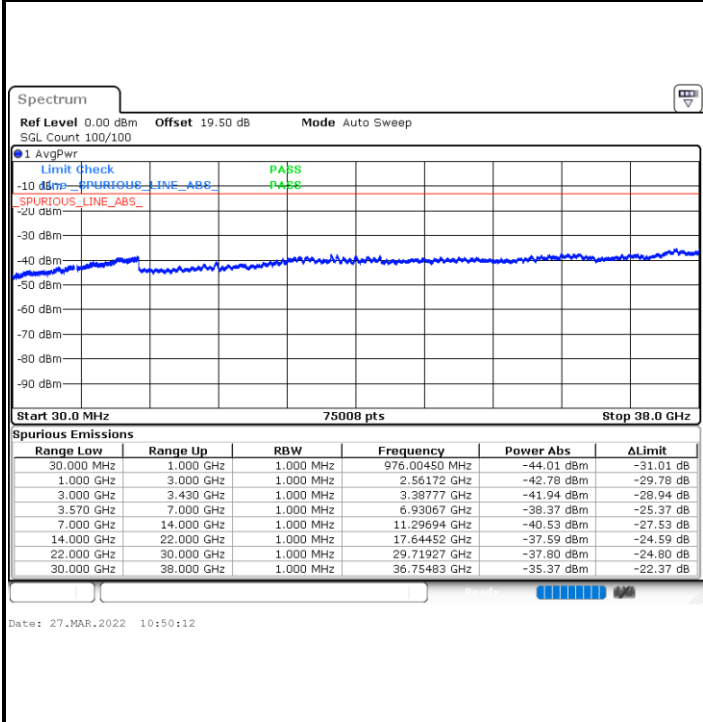
Conducted Spurious Emission



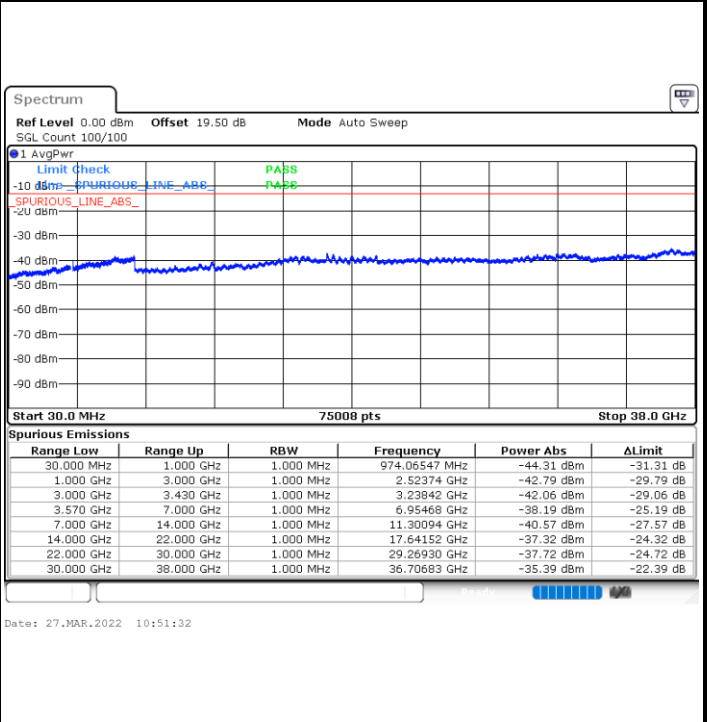


LTE Band 42 / 5MHz

Highest Channel / QPSK

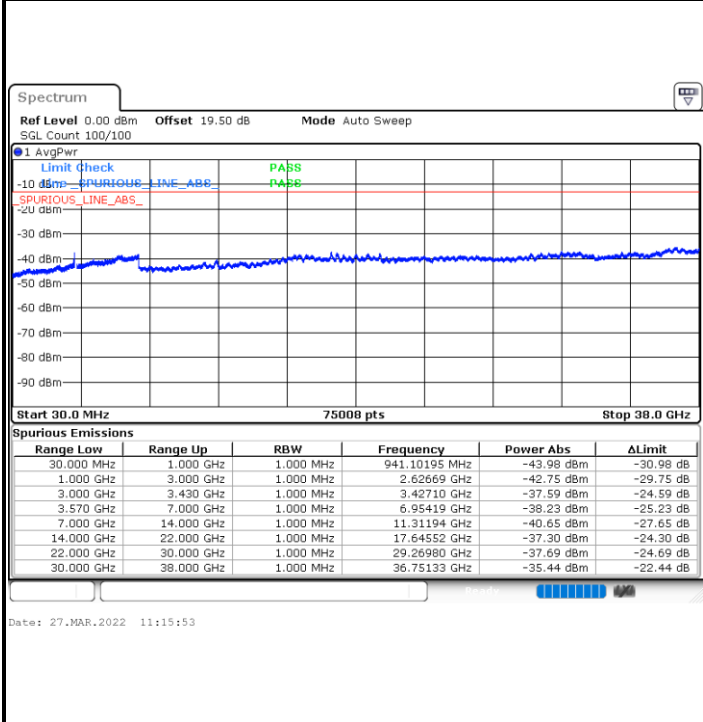


Highest Channel / 16QAM

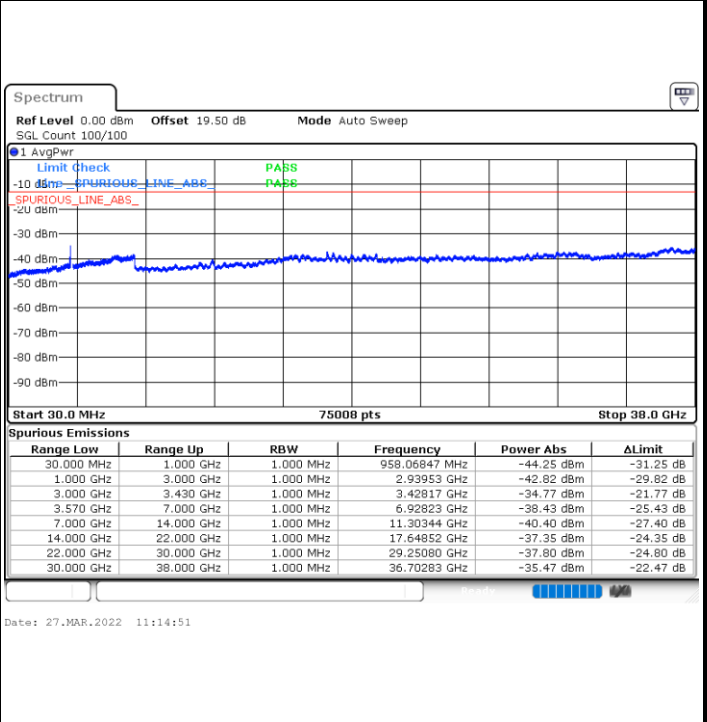


LTE Band 42 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

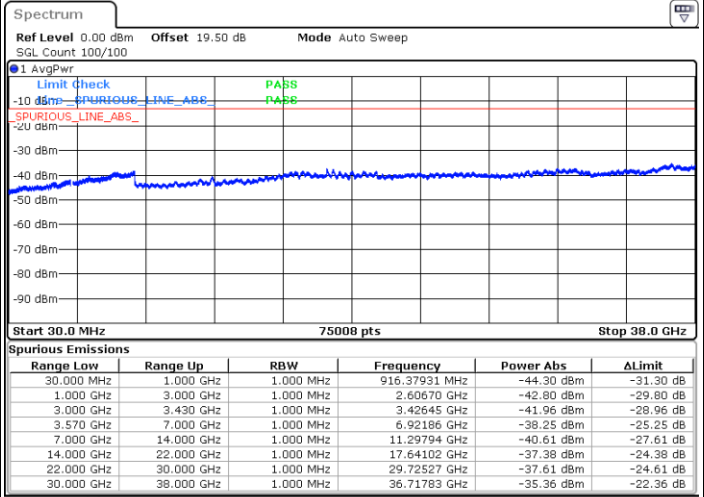
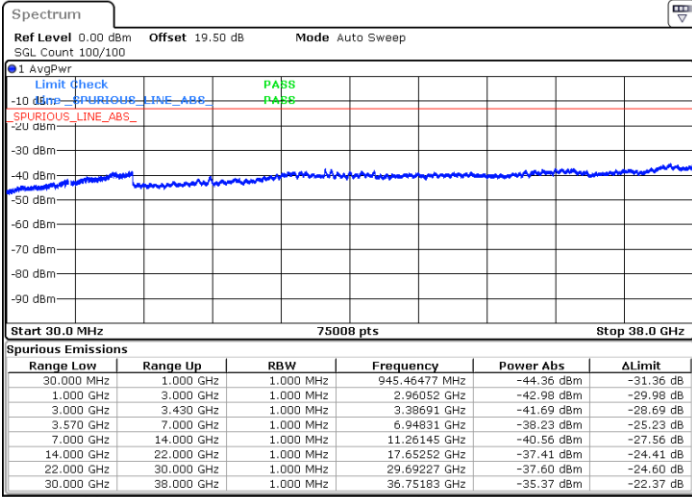




LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

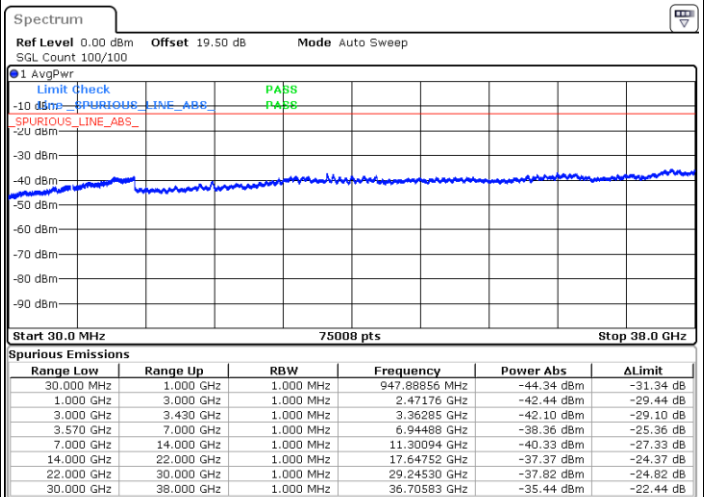
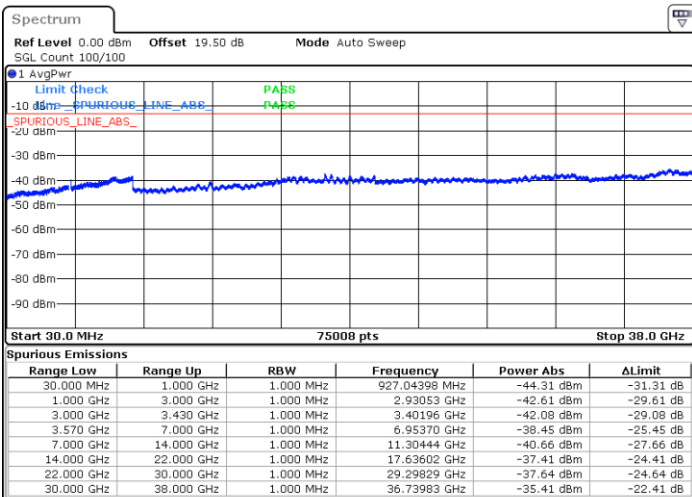


Date: 27.MAR.2022 11:10:45

Date: 27.MAR.2022 11:11:46

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.MAR.2022 11:16:55

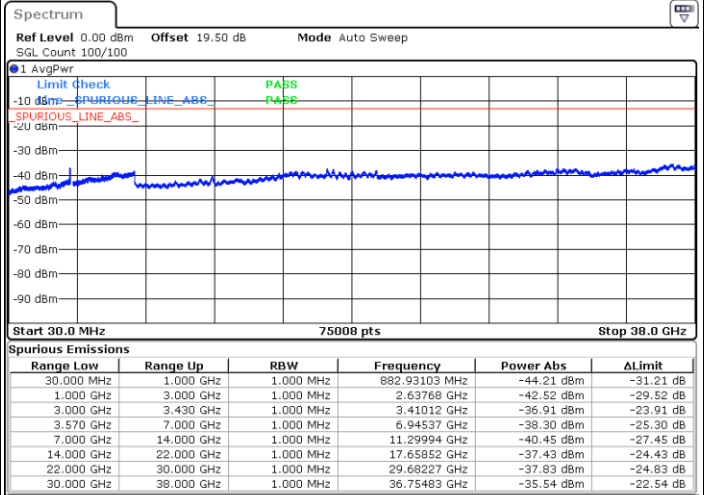
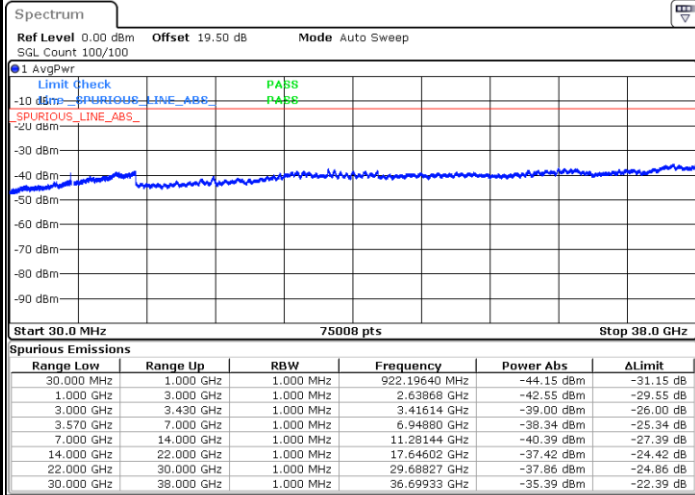
Date: 27.MAR.2022 11:17:57



LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

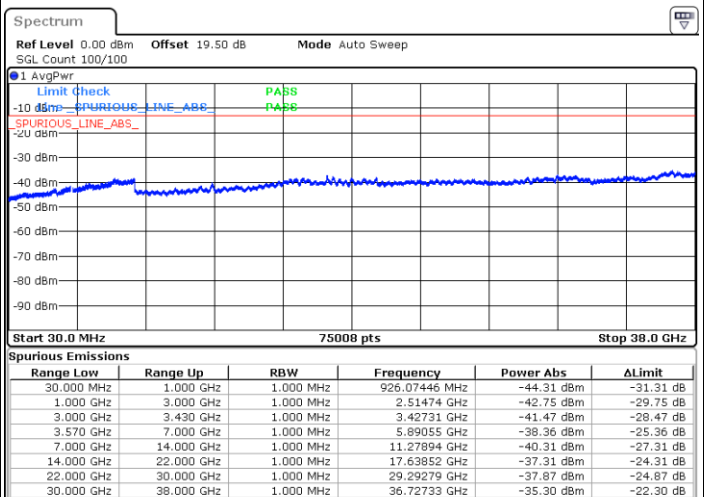
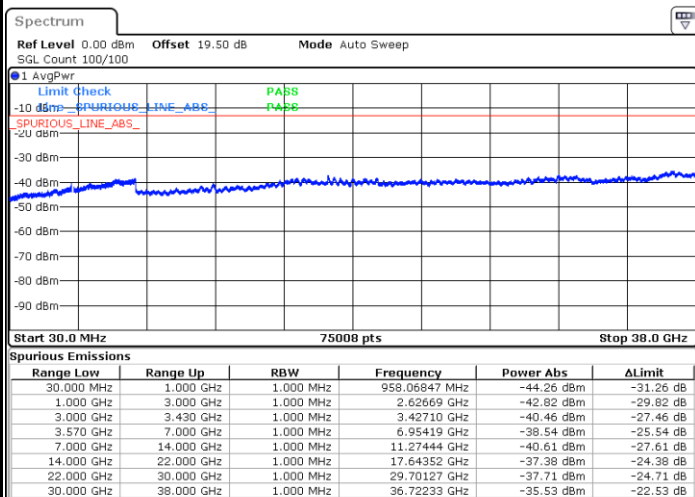


Date: 27.MAR.2022 11:30:12

Date: 27.MAR.2022 11:29:10

Middle Channel / QPSK

Middle Channel / 16QAM



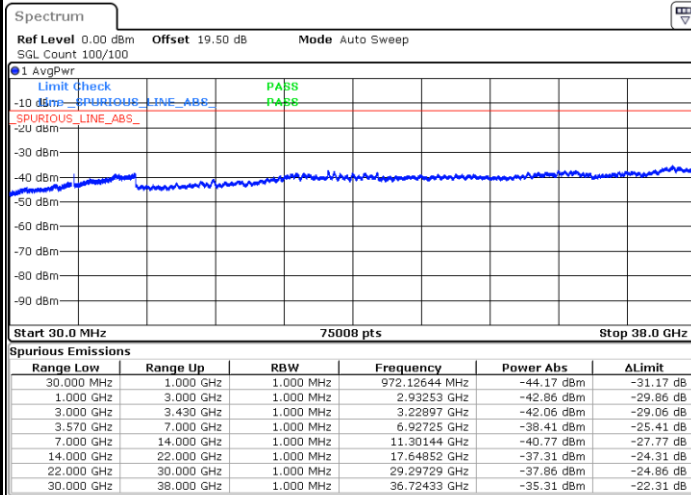
Date: 27.MAR.2022 11:31:13

Date: 27.MAR.2022 11:32:15



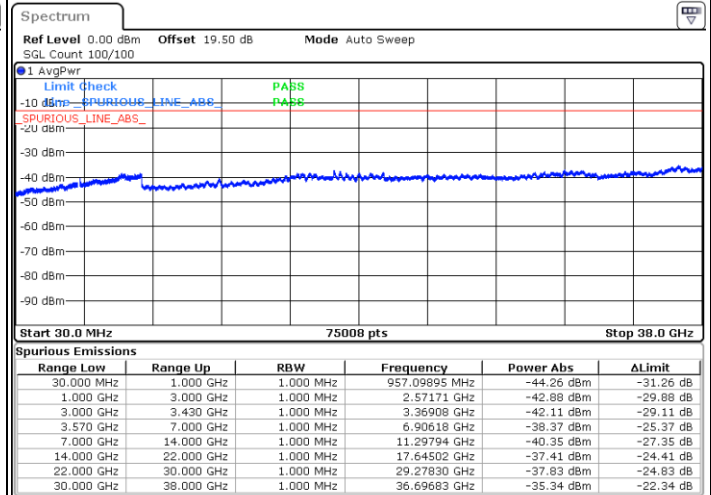
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 27.MAR.2022 11:36:22

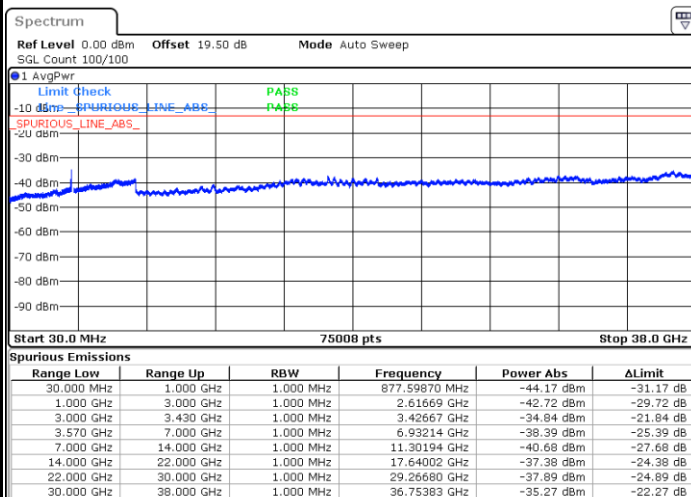
Highest Channel / 16QAM



Date: 27.MAR.2022 11:35:20

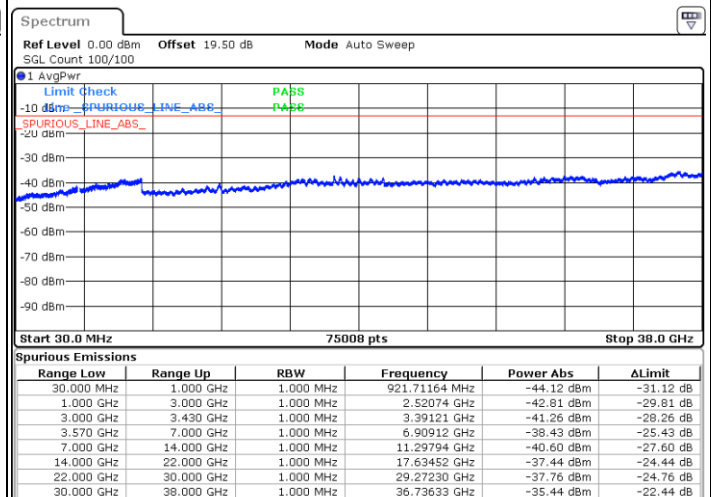
LTE Band 42 / 20MHz

Lowest Channel / QPSK



Date: 27.MAR.2022 11:49:56

Lowest Channel / 16QAM



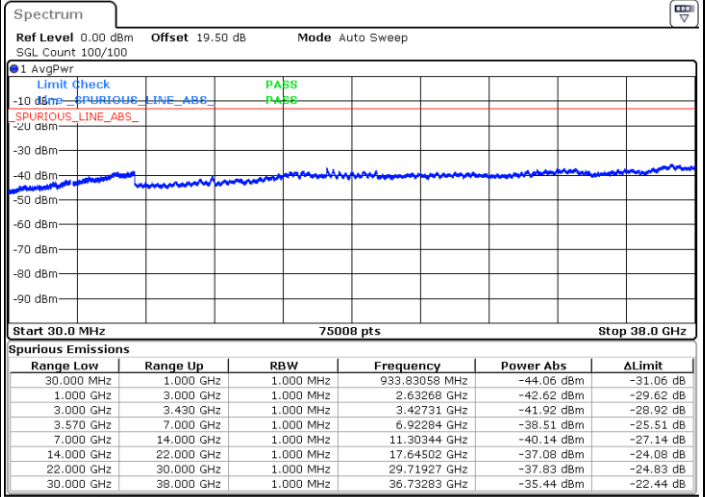
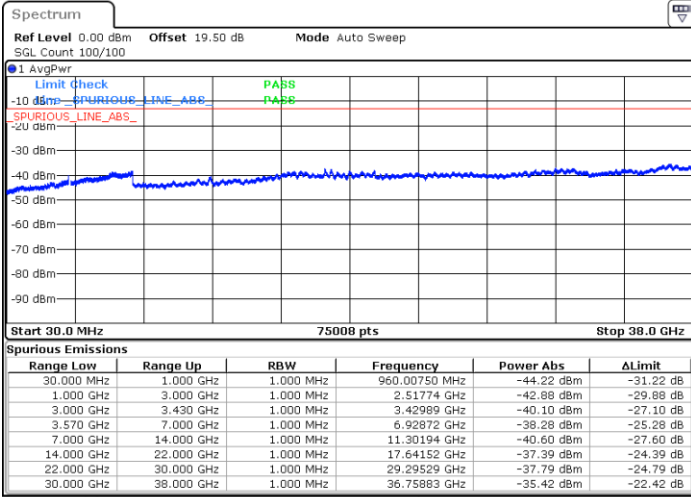
Date: 27.MAR.2022 11:50:58



LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

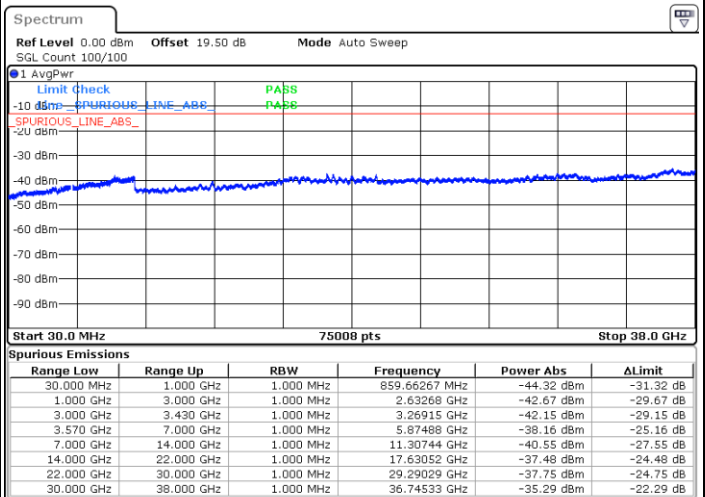
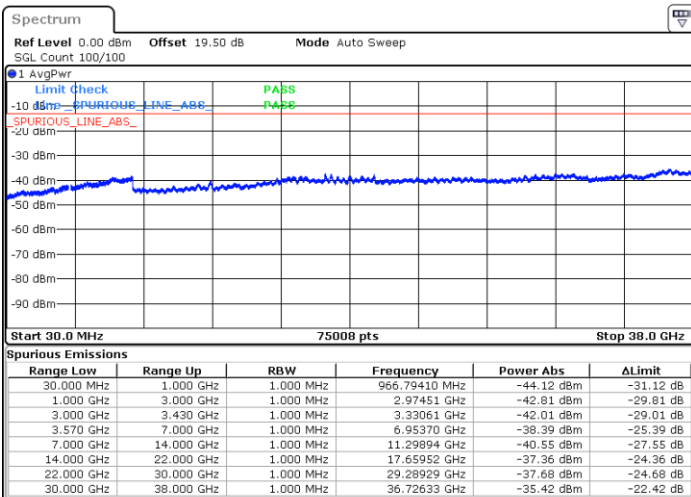


Date: 27.MAR.2022 11:55:04

Date: 27.MAR.2022 11:54:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 27.MAR.2022 11:56:06

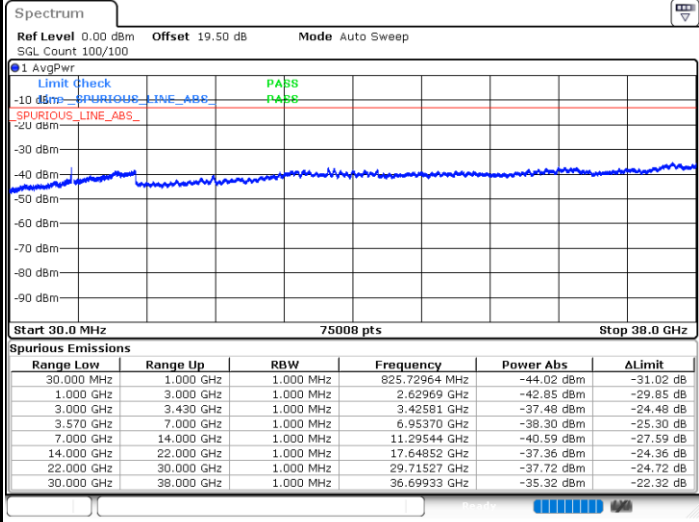
Date: 27.MAR.2022 11:57:08



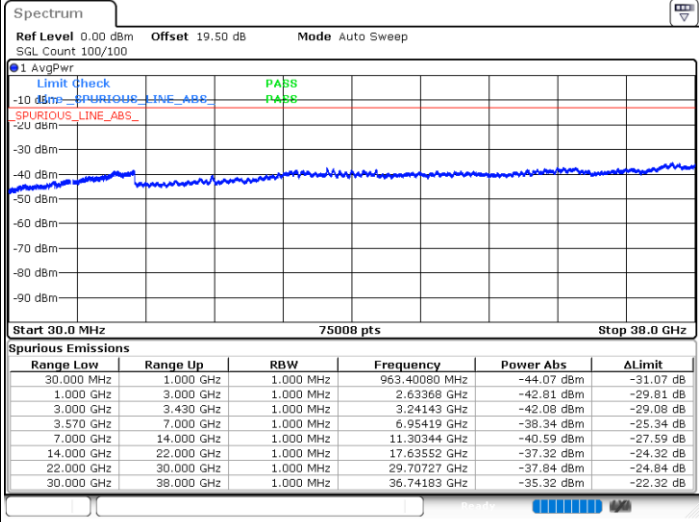
LTE Band 42 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

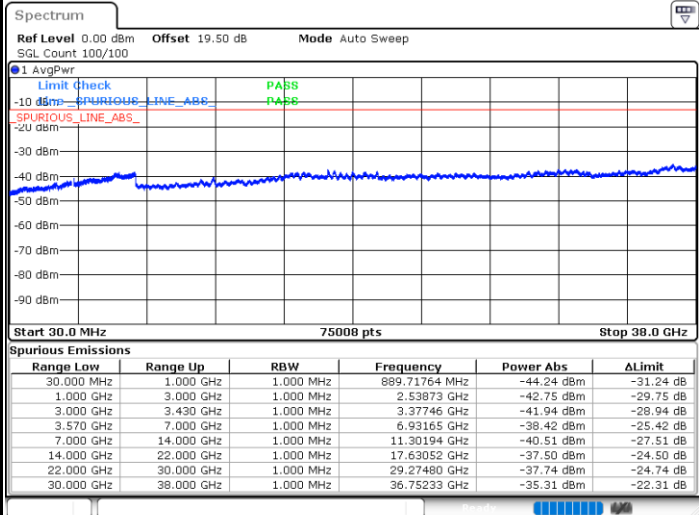


Date: 27.MAR.2022 11:03:23



Date: 27.MAR.2022 10:56:19

Highest Channel / 64QAM



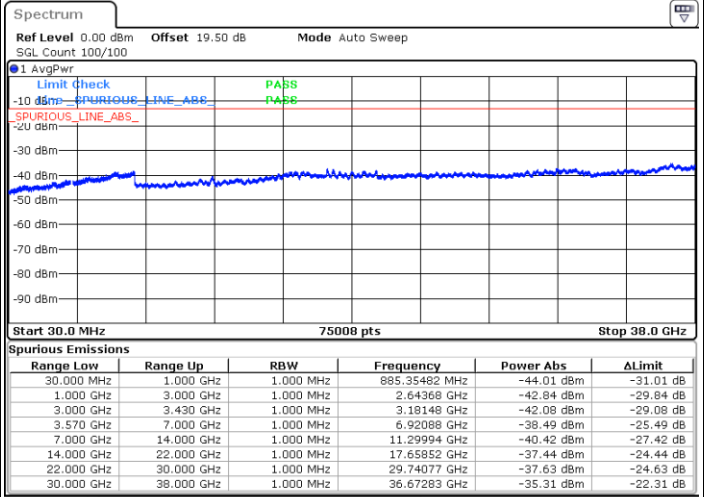
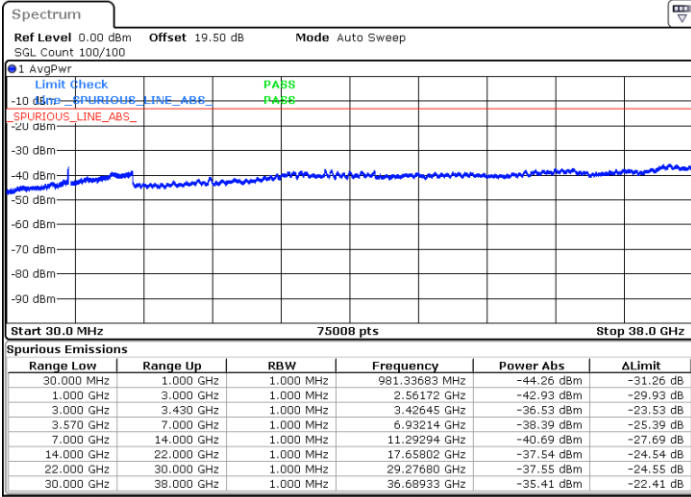
Date: 27.MAR.2022 10:52:59



LTE Band 42 / 10MHz

Lowest Channel / 64QAM

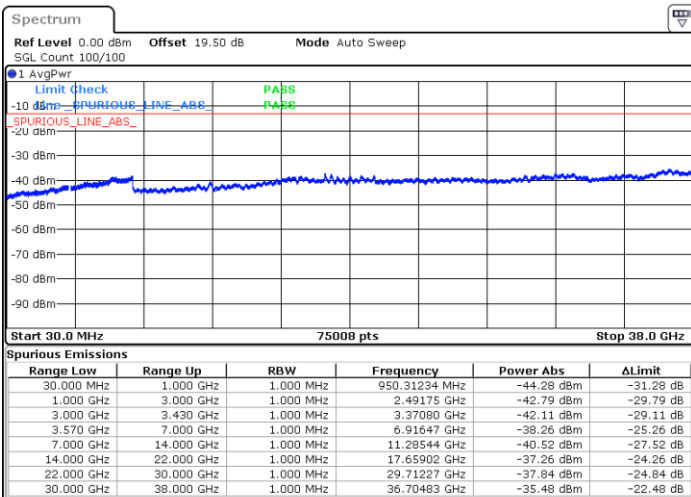
Middle Channel / 64QAM



Date: 27.MAR.2022 11:13:49

Date: 27.MAR.2022 11:12:48

Highest Channel / 64QAM



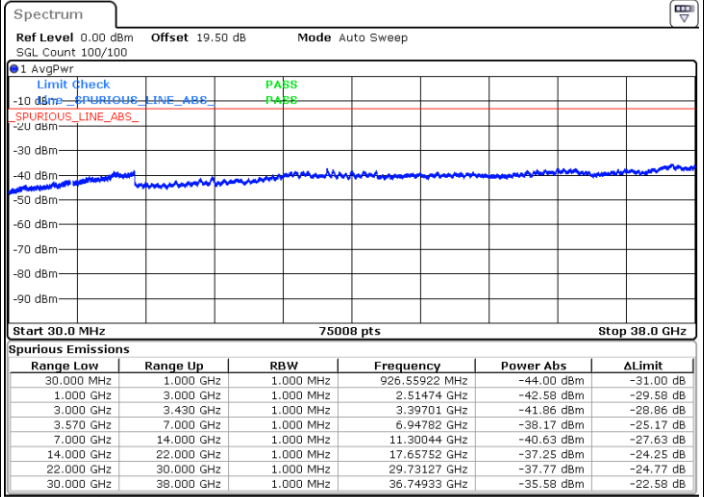
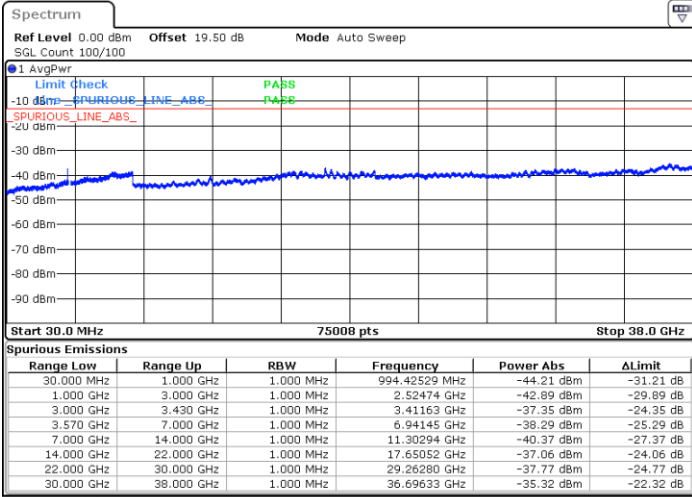
Date: 27.MAR.2022 11:18:59



LTE Band 42 / 15MHz

Lowest Channel / 64QAM

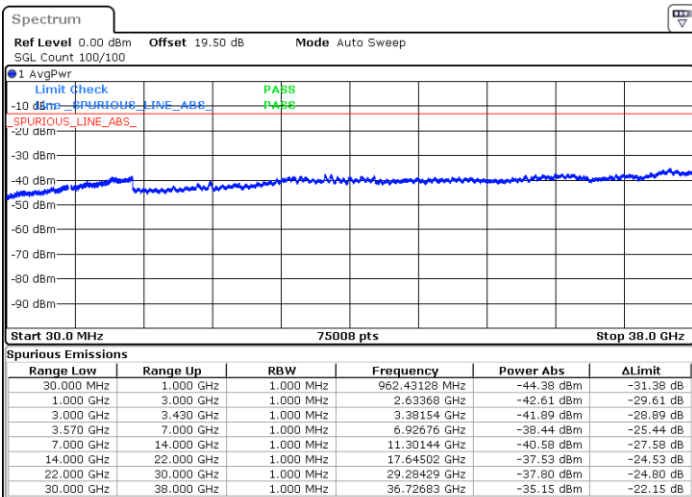
Middle Channel / 64QAM



Date: 27.MAR.2022 11:28:08

Date: 27.MAR.2022 11:33:16

Highest Channel / 64QAM

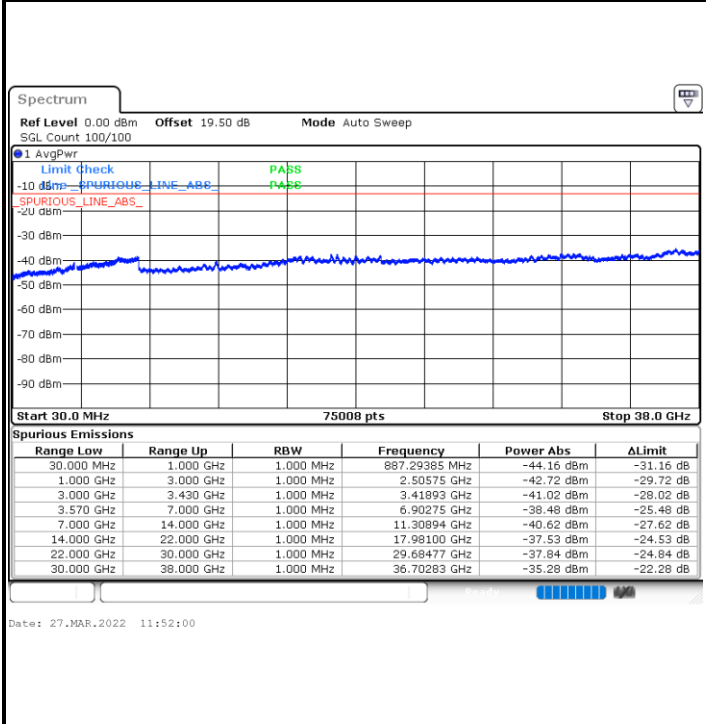


Date: 27.MAR.2022 11:34:18

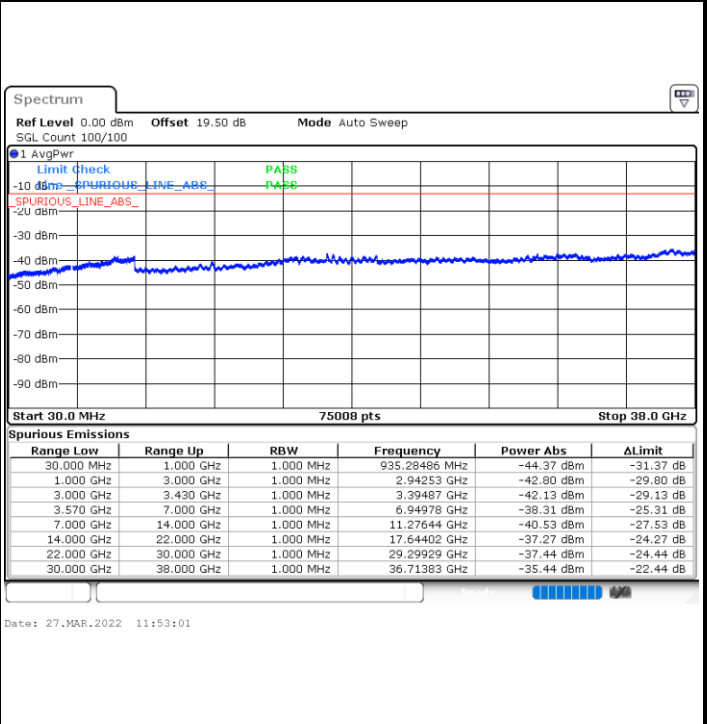


LTE Band 42 / 20MHz

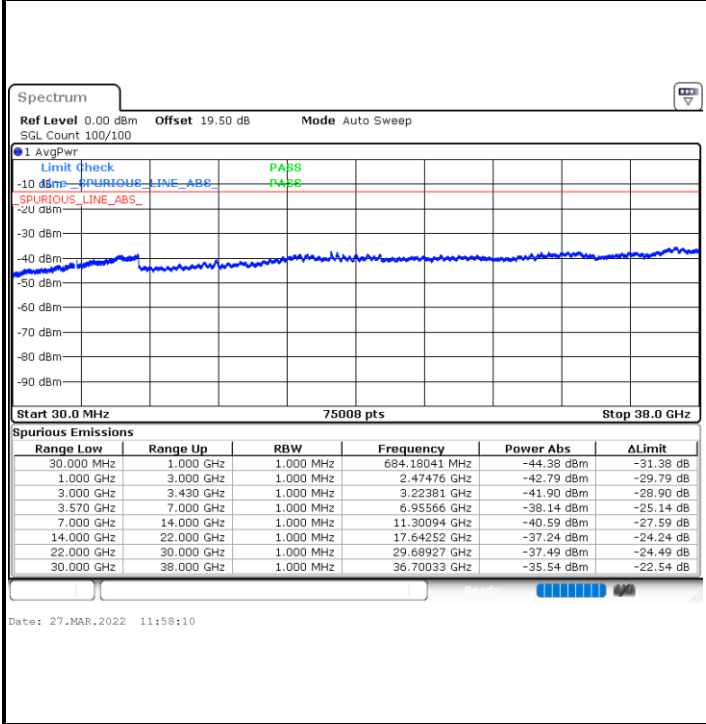
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM



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	0.0002	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.01	

Note:

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.96 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 :	Xiaoshi Tan	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 42 / 5MHz / QPSK (ANT24)									
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	6995.50	-59.09	-40	-19.09	-65.86	-62.39	8.30	11.60	H
	10493.25	-56.78	-40	-16.78	-68.67	-58.30	10.48	12.00	H
	13991.00	-56.10	-40	-16.10	-69.84	-57.80	11.80	13.50	H
	6995.50	-58.79	-40	-18.79	-65.74	-62.09	8.30	11.60	V
	10493.25	-54.15	-40	-14.15	-68.3	-55.67	10.48	12.00	V
	13991.00	-57.03	-40	-17.03	-69.96	-58.73	11.80	13.50	V

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

LTE Band 42 / 10MHz / QPSK (ANT24)									
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	6991.00	-59.26	-40	-19.26	-66.00	-62.56	8.30	11.60	H
	10486.50	-57.01	-40	-17.01	-68.90	-58.53	10.48	12.00	H
	13982.00	-56.36	-40	-16.36	-70.10	-58.06	11.80	13.50	H
	6991.00	-58.55	-40	-18.55	-65.66	-61.85	8.30	11.60	V
	10486.50	-54.68	-40	-14.68	-68.83	-56.20	10.48	12.00	V
	13982.00	-56.84	-40	-16.84	-69.77	-58.54	11.80	13.50	V

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



LTE Band 42 / 15MHz / QPSK (ANT24)									
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	6986.50	-58.98	-40	-18.98	-65.72	-62.28	8.30	11.60	H
	10479.75	-56.44	-40	-16.44	-68.33	-57.96	10.48	12.00	H
	13973.00	-55.88	-40	-15.88	-69.67	-57.58	11.80	13.50	H
	6986.50	-58.82	-40	-18.82	-65.93	-62.12	8.30	11.60	V
	10479.75	-53.80	-40	-13.80	-67.95	-55.32	10.48	12.00	V
	13973.00	-56.63	-40	-16.63	-69.57	-58.33	11.80	13.50	V

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

LTE Band 42 / 20MHz / QPSK (ANT24)									
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	6982.00	-59.15	-40	-19.15	-65.89	-62.45	8.30	11.60	H
	10473.00	-56.60	-40	-16.60	-68.46	-58.12	10.48	12.00	H
	13964.00	-55.85	-40	-15.85	-69.64	-57.55	11.80	13.50	H
	6982.00	-58.52	-40	-18.52	-65.63	-61.82	8.30	11.60	V
	10473.00	-54.19	-40	-14.19	-68.26	-55.71	10.48	12.00	V
	13964.00	-56.33	-40	-16.33	-69.27	-58.03	11.80	13.50	V

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