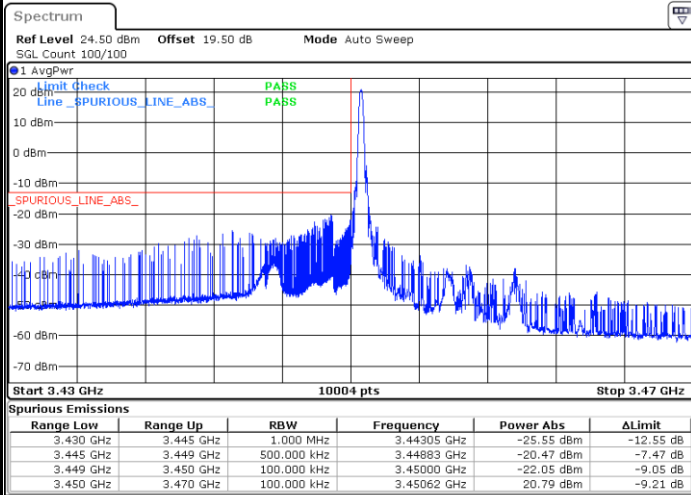




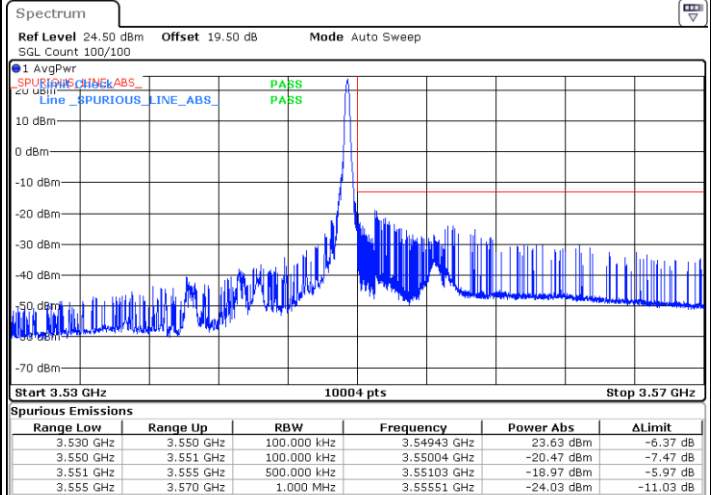
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



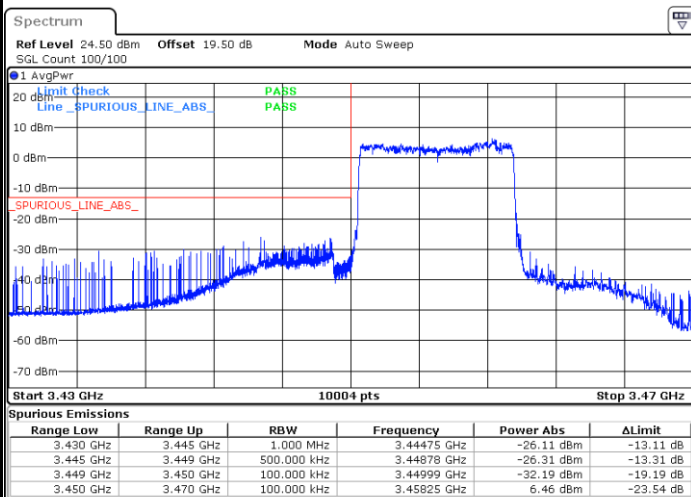
Date: 8.SEP.2021 15:12:44

Highest Band Edge / 1 RB



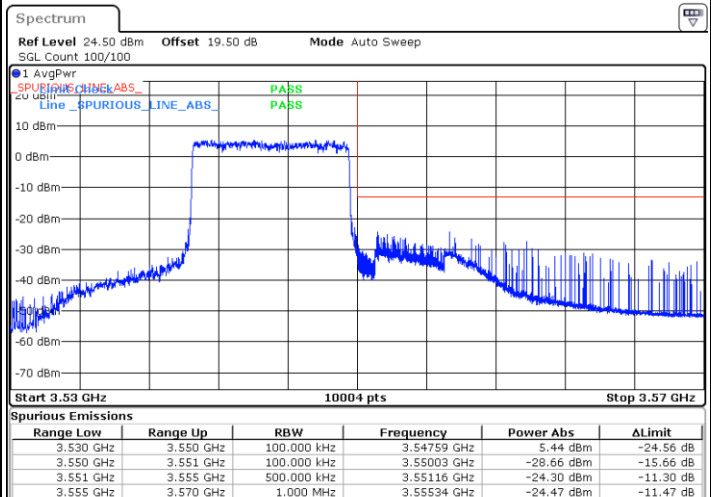
Date: 8.SEP.2021 16:21:04

Lowest Band Edge / Full RB



Date: 8.SEP.2021 15:04:29

Highest Band Edge / Full RB

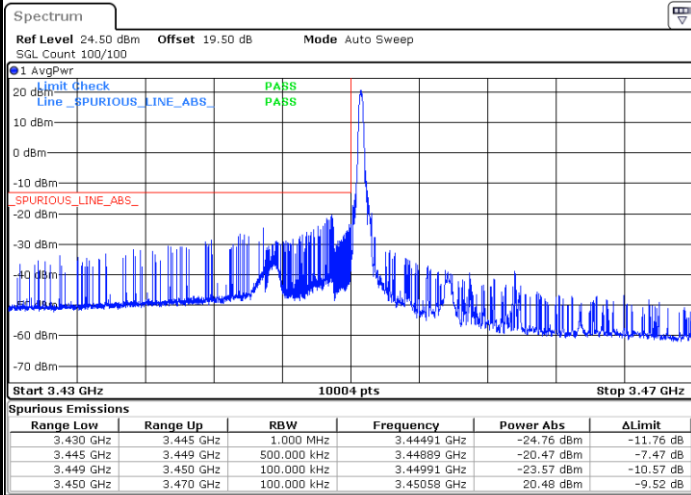


Date: 8.SEP.2021 16:38:35



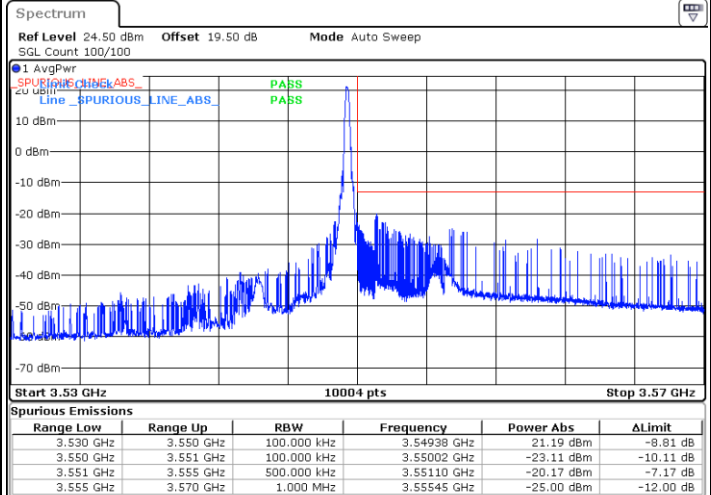
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



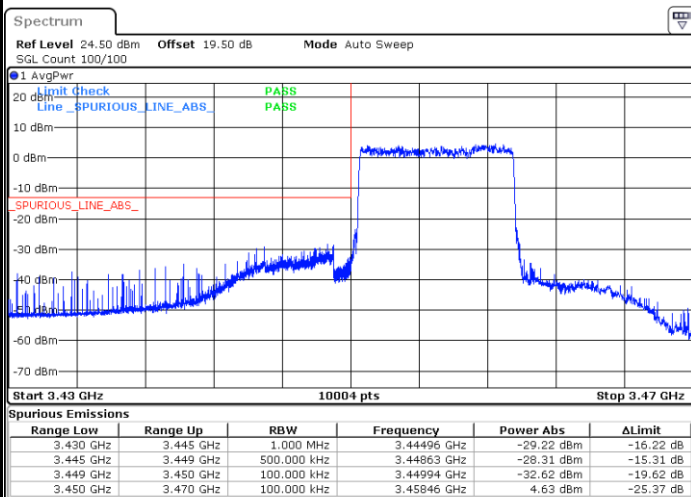
Date: 8.SEP.2021 15:10:25

Highest Band Edge / 1 RB



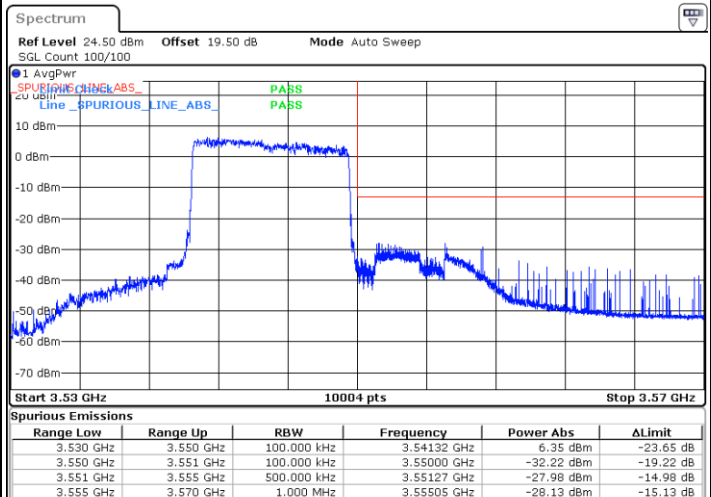
Date: 8.SEP.2021 16:22:12

Lowest Band Edge / Full RB



Date: 8.SEP.2021 15:07:38

Highest Band Edge / Full RB

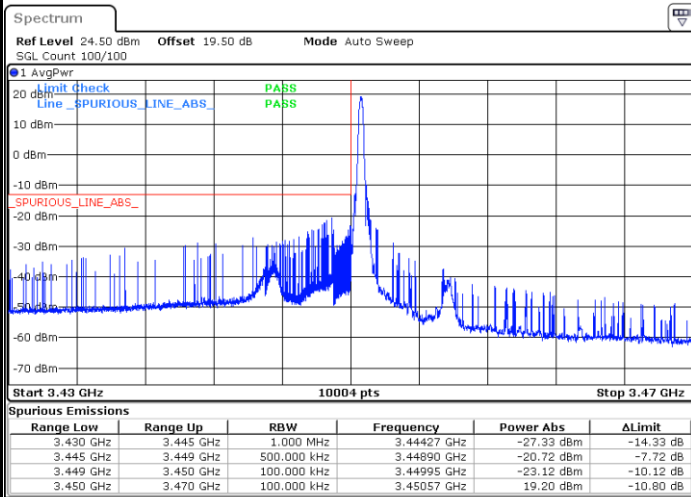


Date: 8.SEP.2021 16:38:10



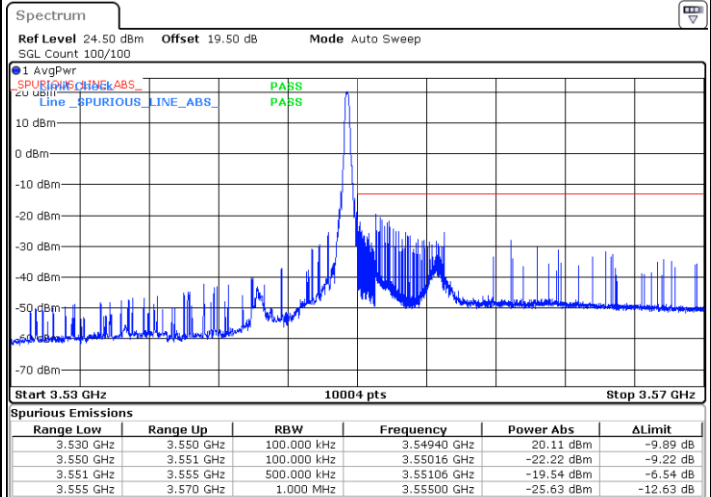
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



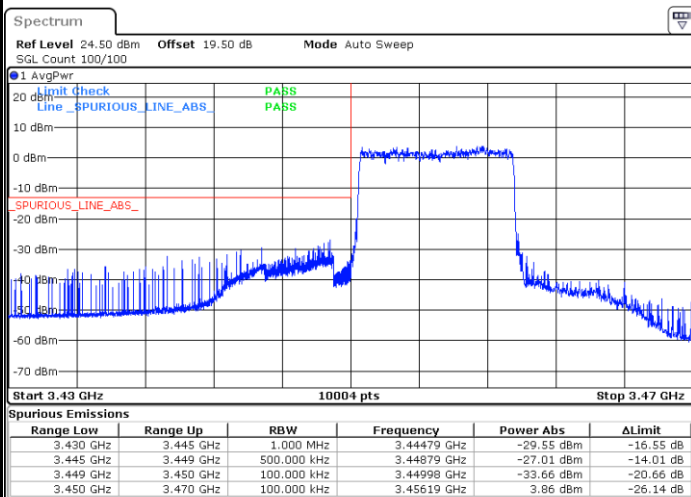
Date: 8.SEP.2021 15:08:46

Highest Band Edge / 1 RB



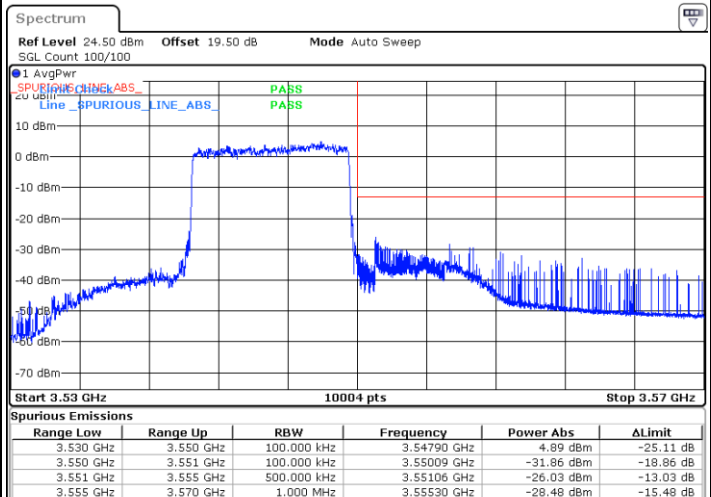
Date: 8.SEP.2021 16:37:28

Lowest Band Edge / Full RB



Date: 8.SEP.2021 15:08:07

Highest Band Edge / Full RB

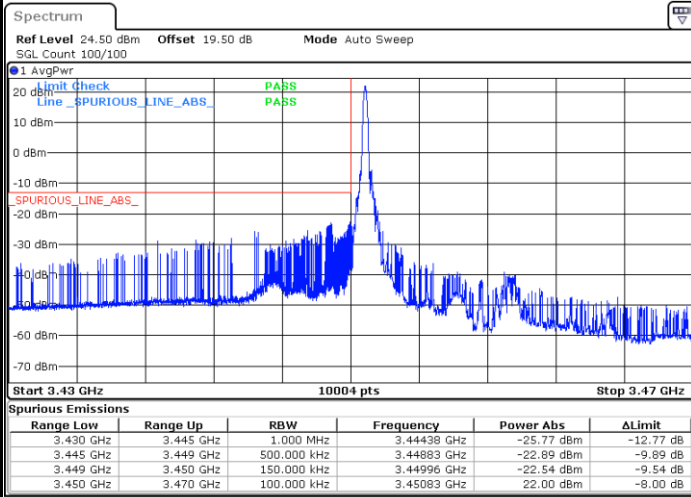


Date: 8.SEP.2021 16:37:50



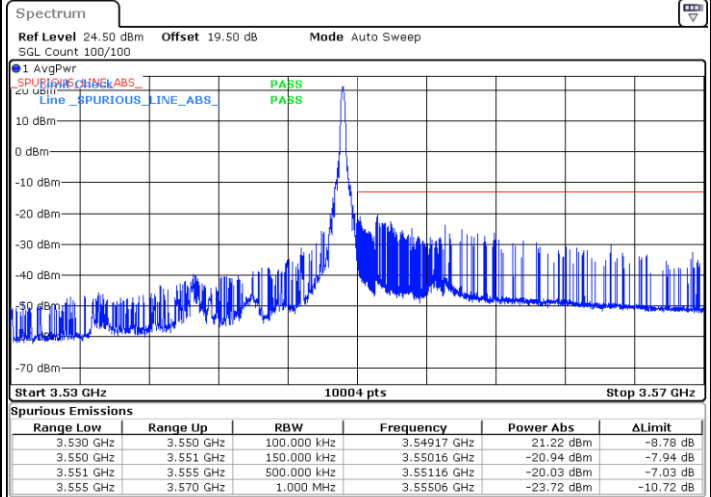
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



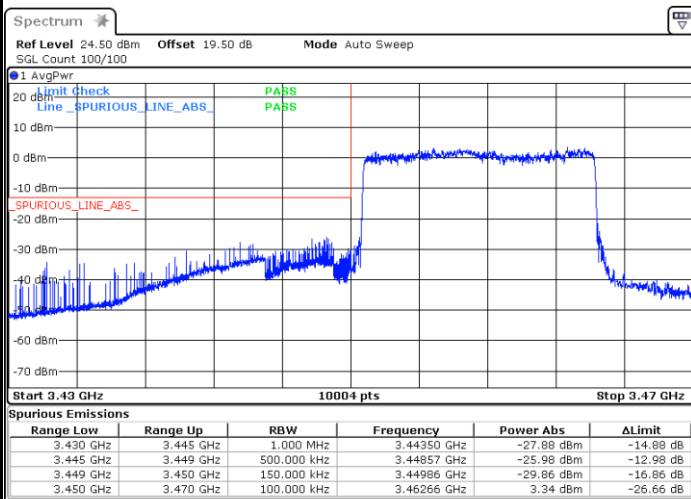
Date: 16.SEP.2021 10:33:45

Highest Band Edge / 1 RB



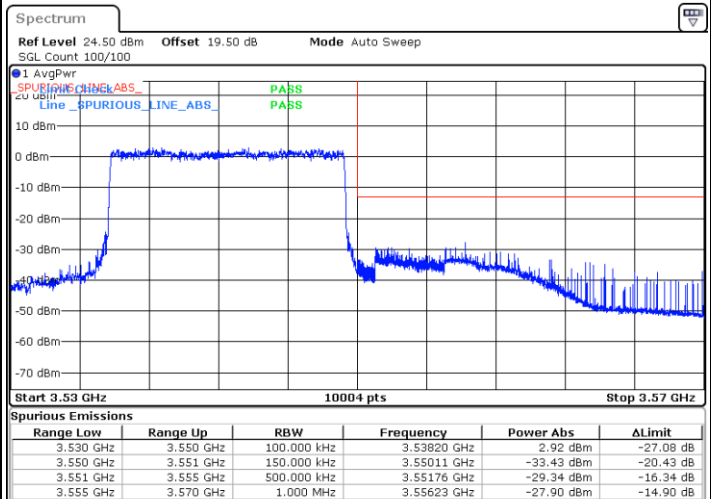
Date: 16.SEP.2021 10:53:48

Lowest Band Edge / Full RB



Date: 16.SEP.2021 10:40:26

Highest Band Edge / Full RB

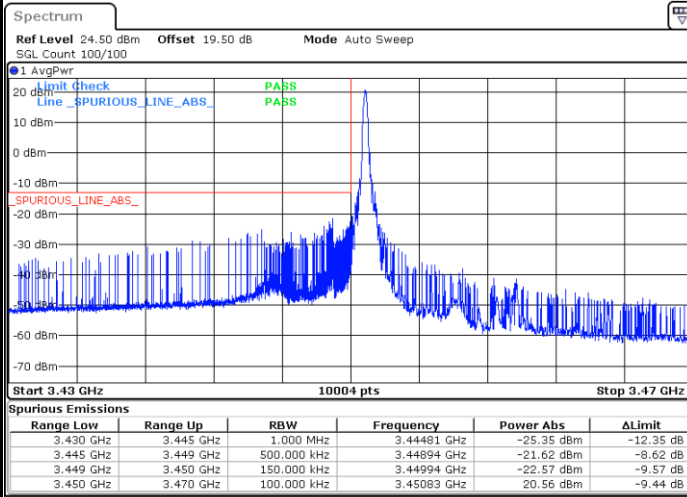


Date: 16.SEP.2021 10:55:49



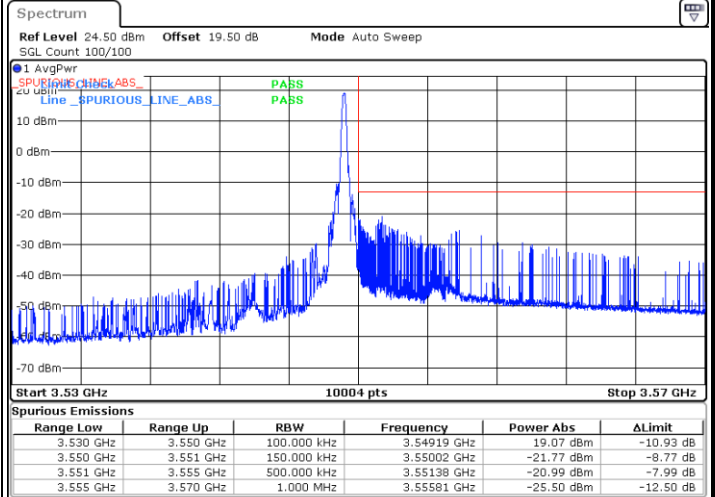
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



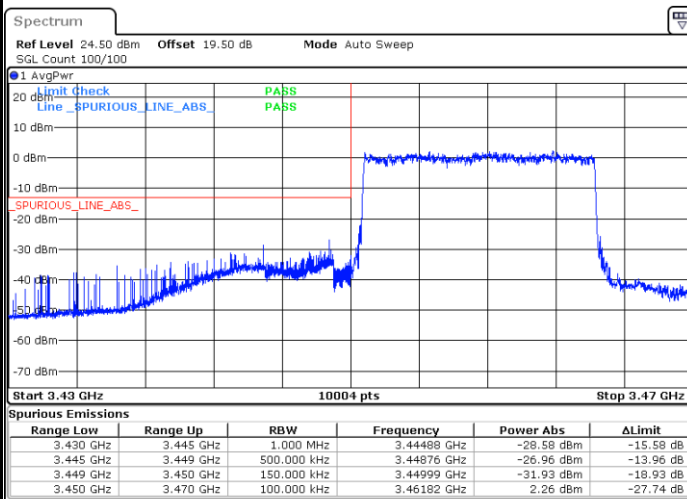
Date: 16.SEP.2021 10:36:20

Highest Band Edge / 1 RB



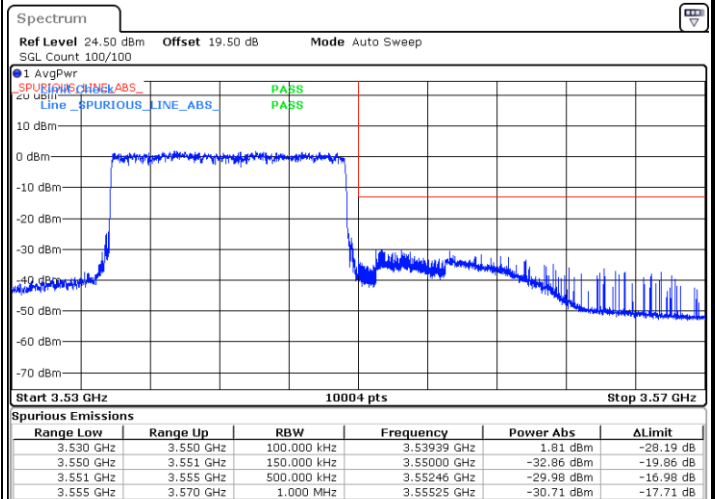
Date: 16.SEP.2021 10:54:18

Lowest Band Edge / Full RB



Date: 16.SEP.2021 10:39:56

Highest Band Edge / Full RB

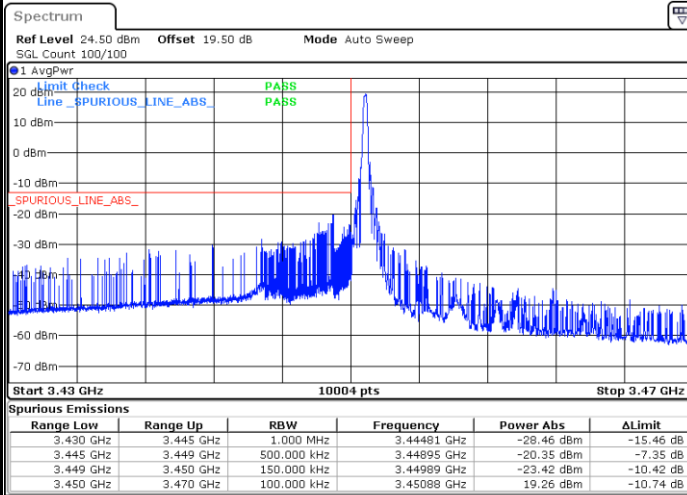


Date: 16.SEP.2021 10:55:32



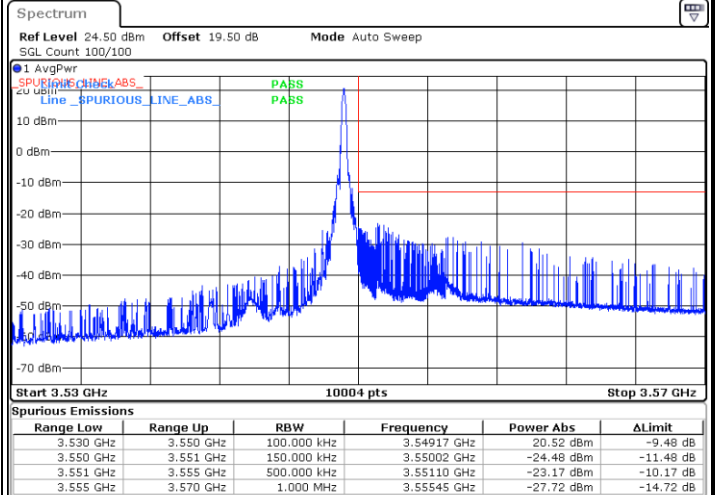
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



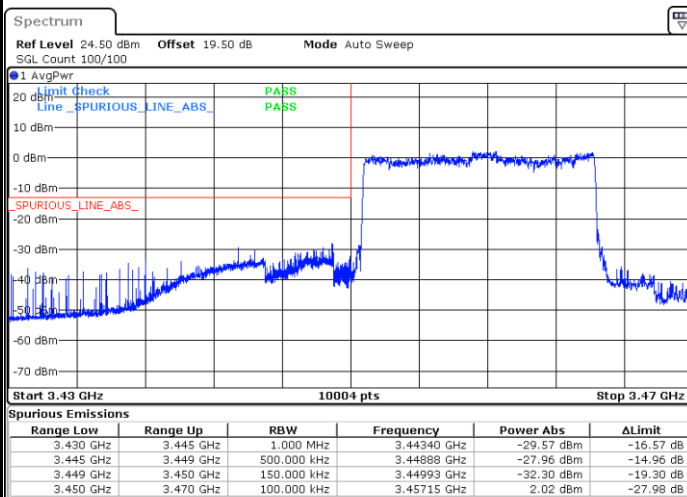
Date: 16.SEP.2021 10:37:48

Highest Band Edge / 1 RB



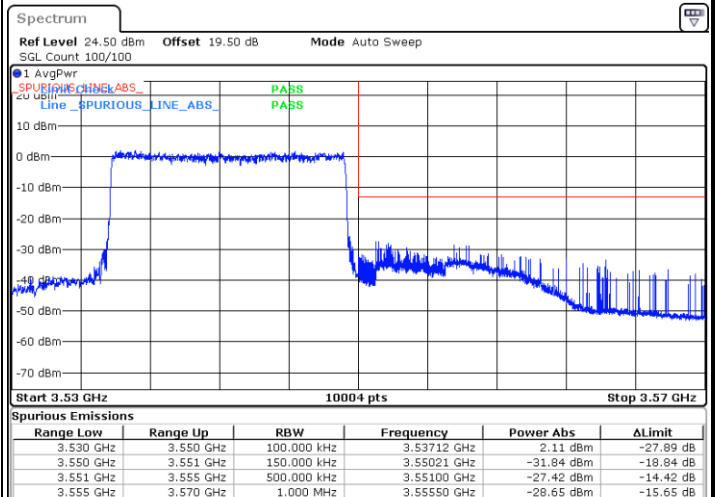
Date: 16.SEP.2021 10:54:47

Lowest Band Edge / Full RB

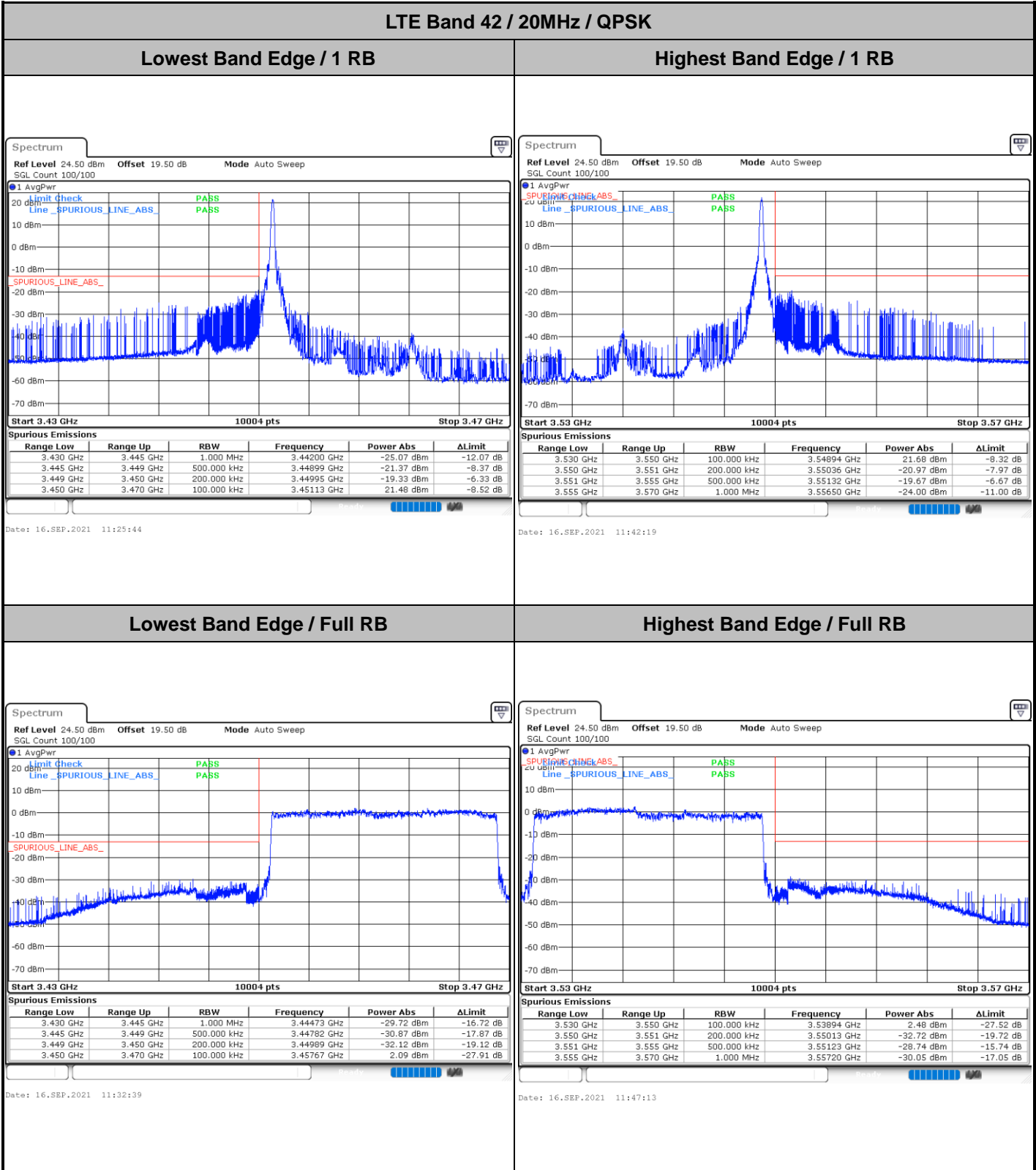


Date: 16.SEP.2021 10:39:38

Highest Band Edge / Full RB



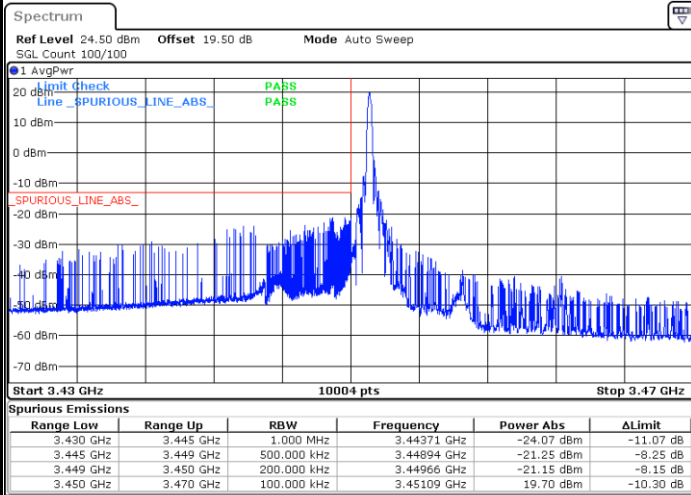
Date: 16.SEP.2021 10:55:13





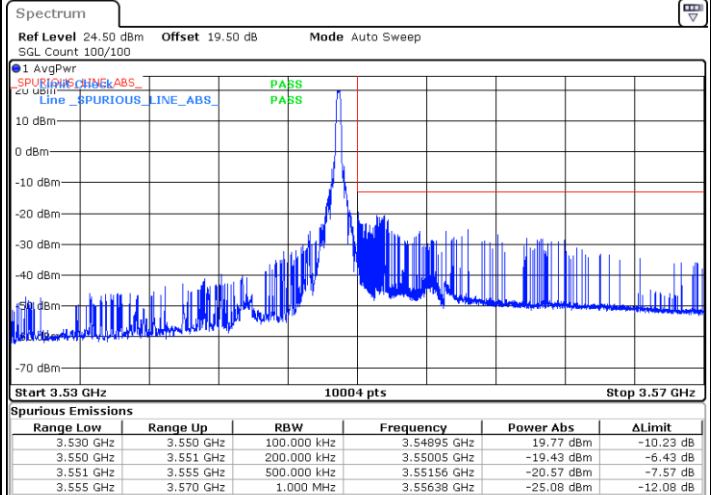
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



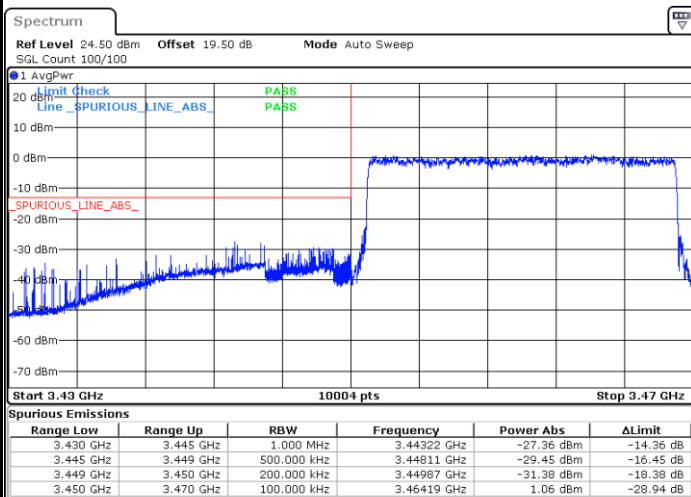
Date: 16.SEP.2021 11:27:36

Highest Band Edge / 1RB



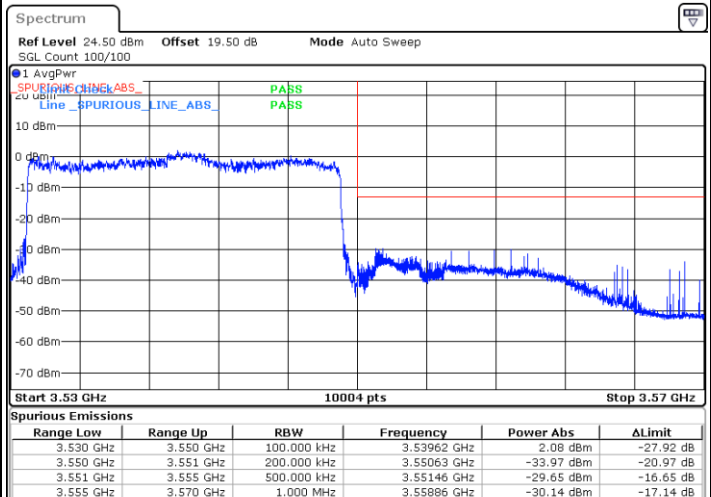
Date: 16.SEP.2021 11:43:10

Lowest Band Edge / Full RB



Date: 16.SEP.2021 11:31:39

Highest Band Edge / Full RB

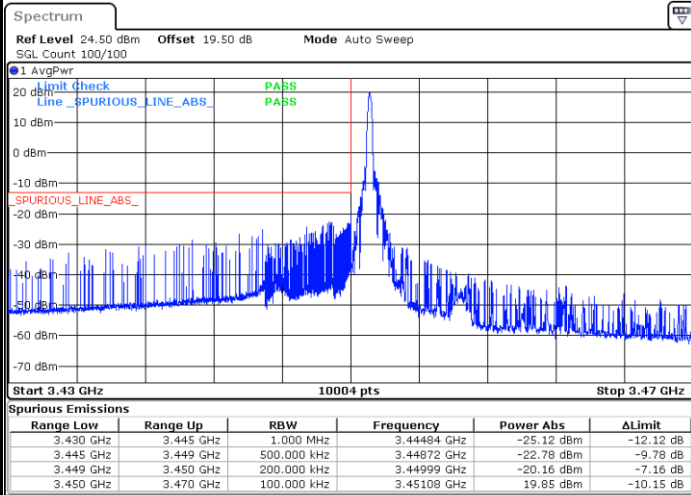


Date: 16.SEP.2021 11:46:24



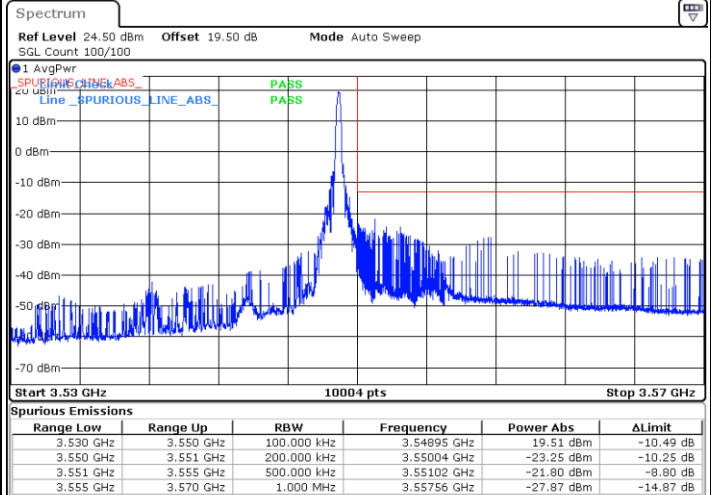
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



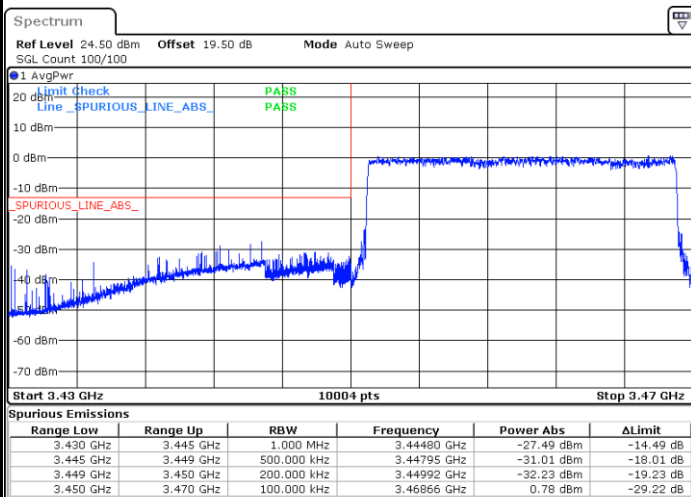
Date: 16.SEP.2021 11:29:35

Highest Band Edge / 1 RB



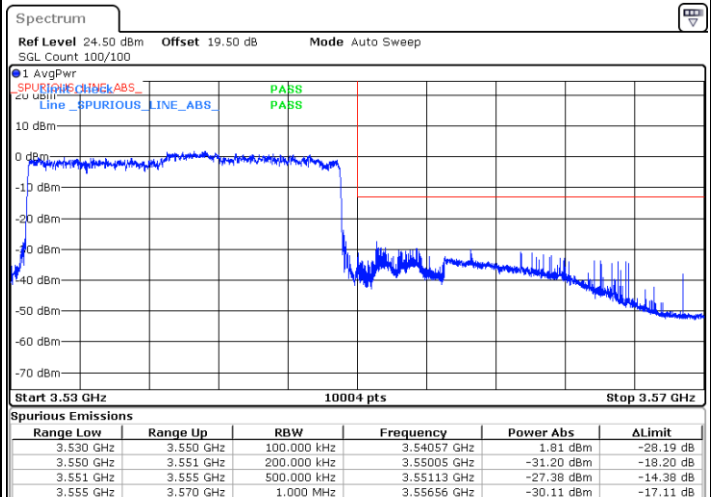
Date: 16.SEP.2021 11:43:42

Lowest Band Edge / Full RB



Date: 16.SEP.2021 11:31:15

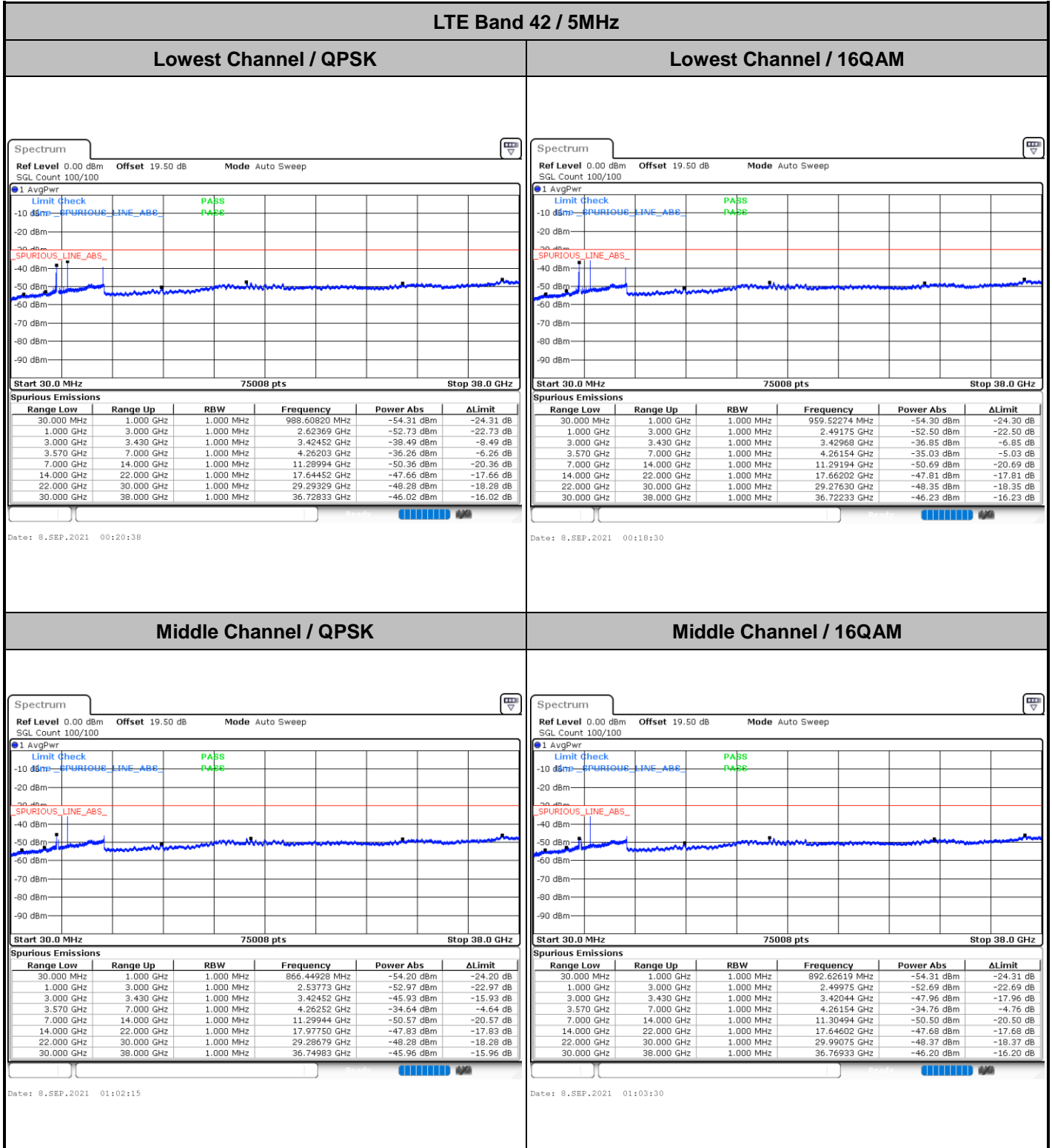
Highest Band Edge / Full RB



Date: 16.SEP.2021 11:44:55

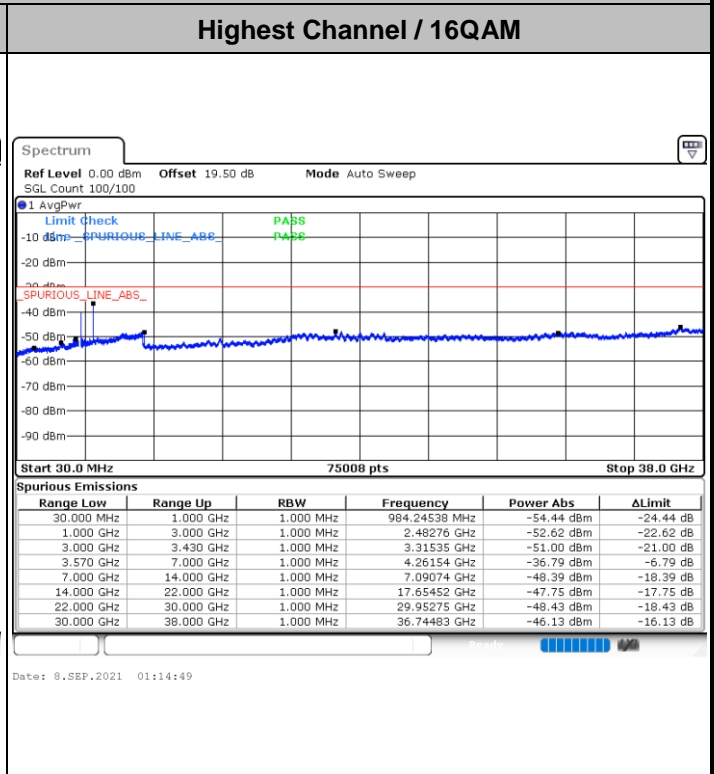
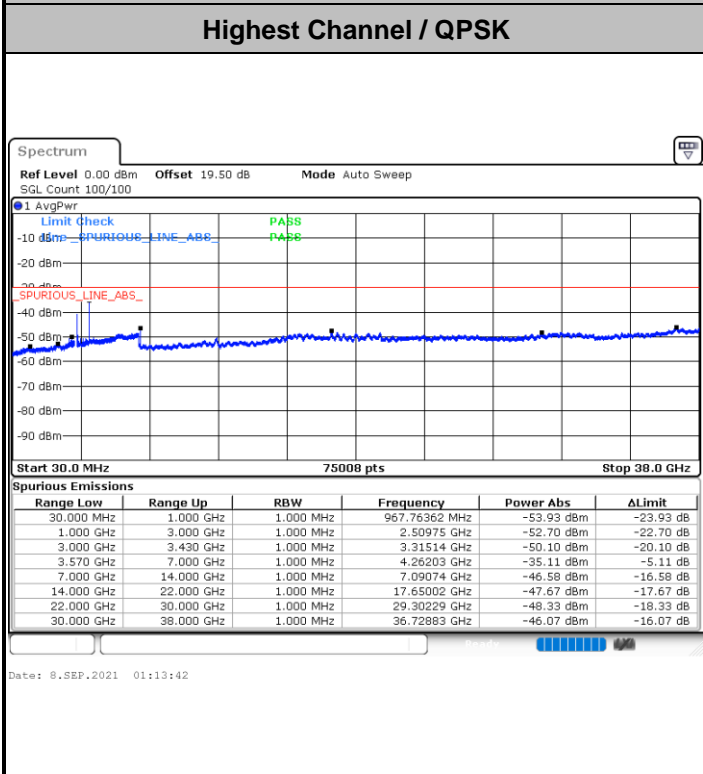


Conducted Spurious Emission

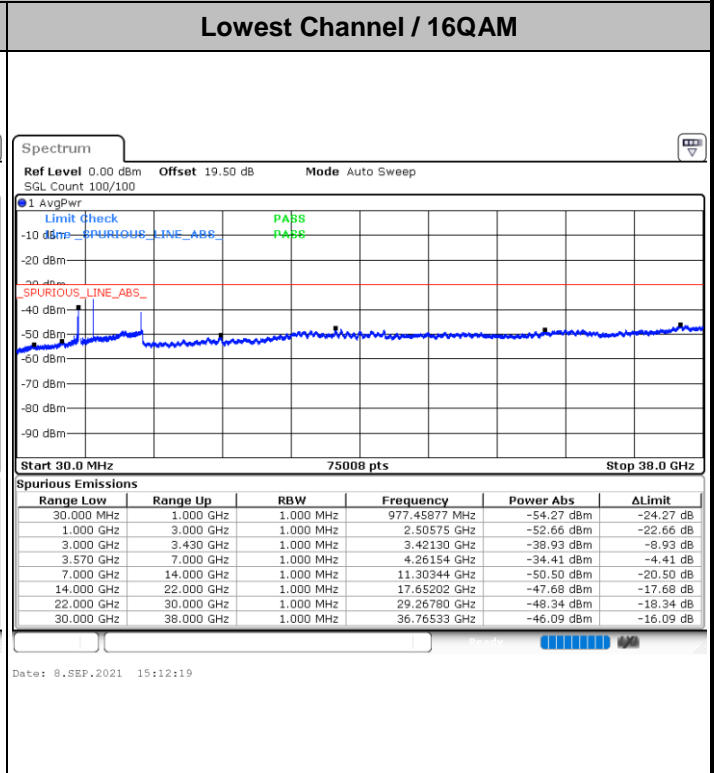
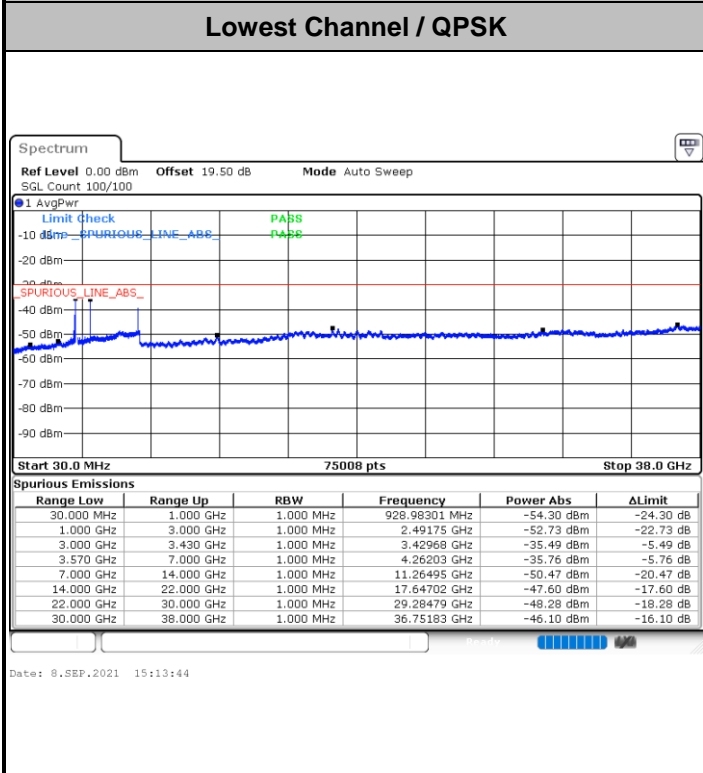




LTE Band 42 / 5MHz



LTE Band 42 / 10MHz

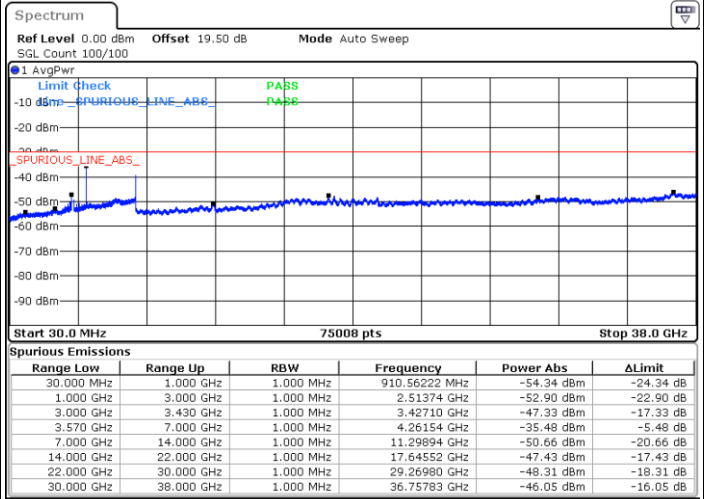
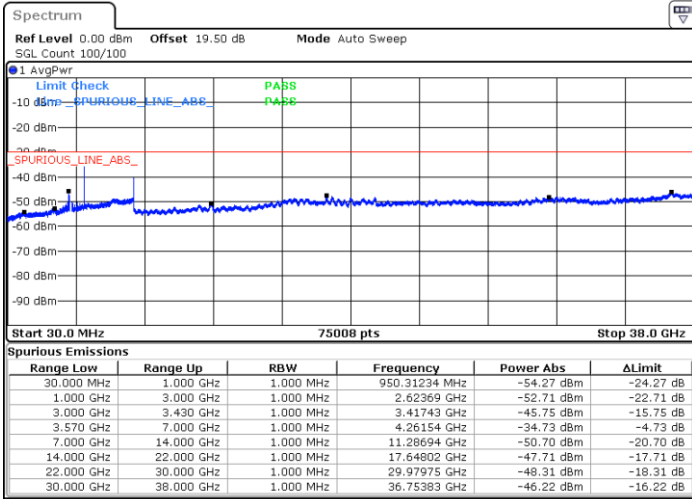




LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

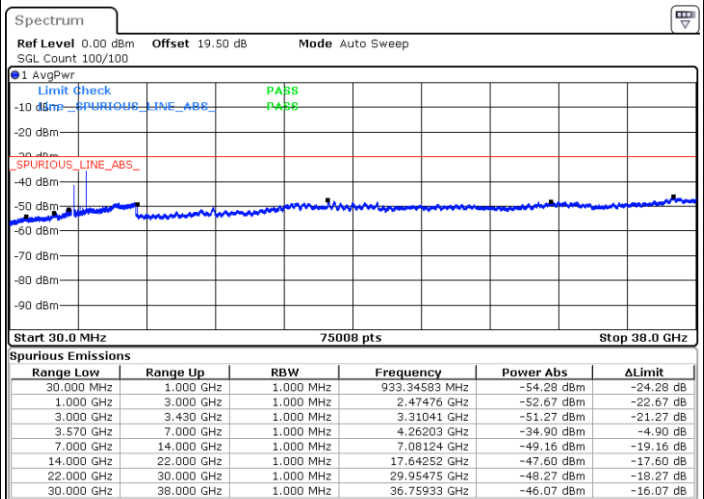
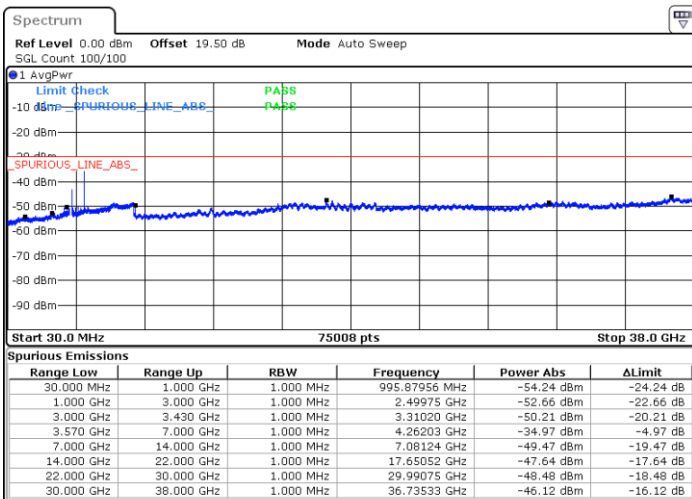


Date: 8.SEP.2021 15:15:45

Date: 8.SEP.2021 15:18:20

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.SEP.2021 15:54:50

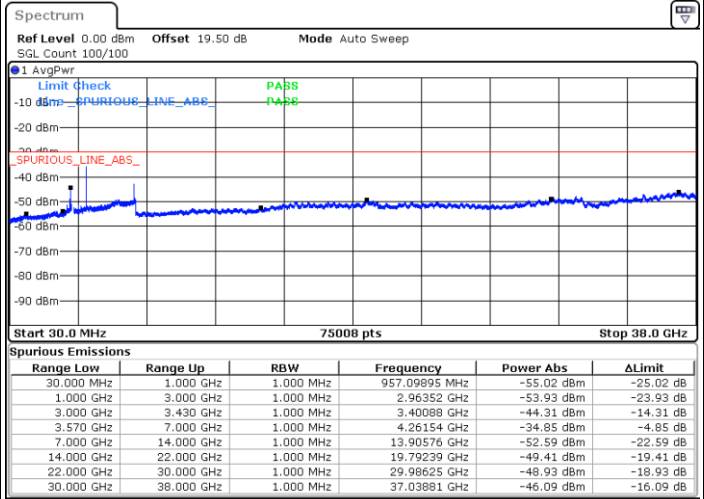
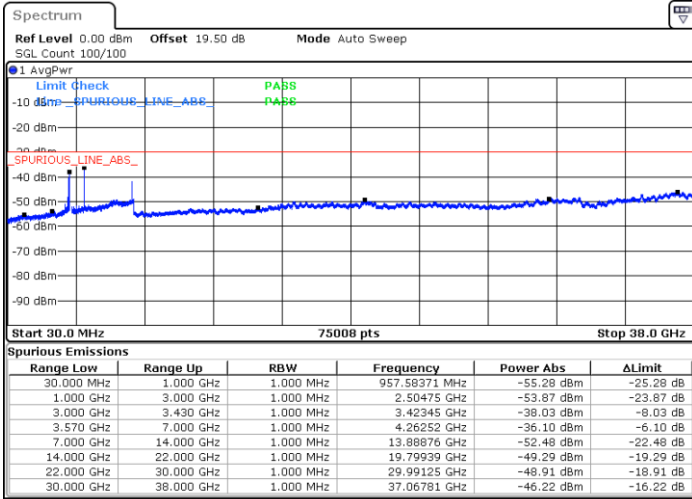
Date: 8.SEP.2021 15:49:29



LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

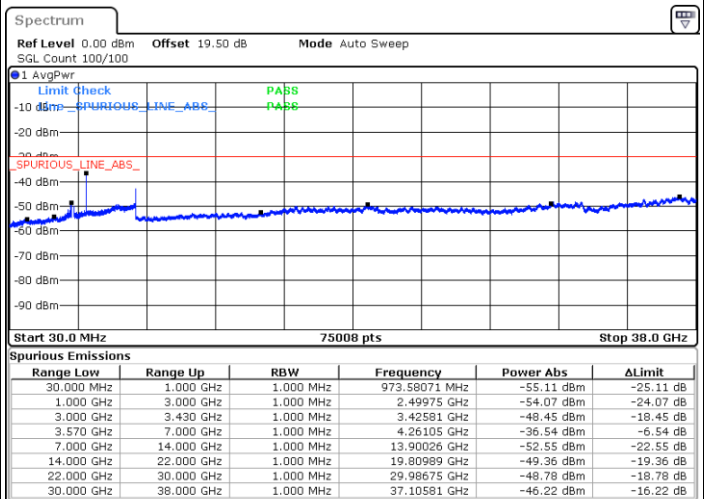
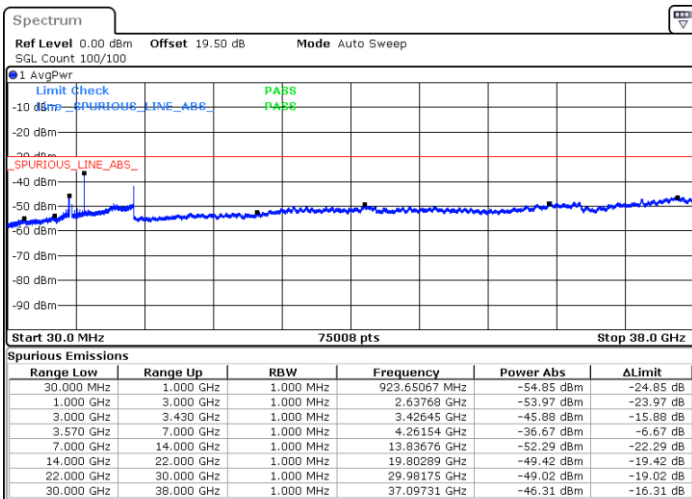


Date: 16.SEP.2021 10:35:57

Date: 16.SEP.2021 10:37:31

Middle Channel / QPSK

Middle Channel / 16QAM



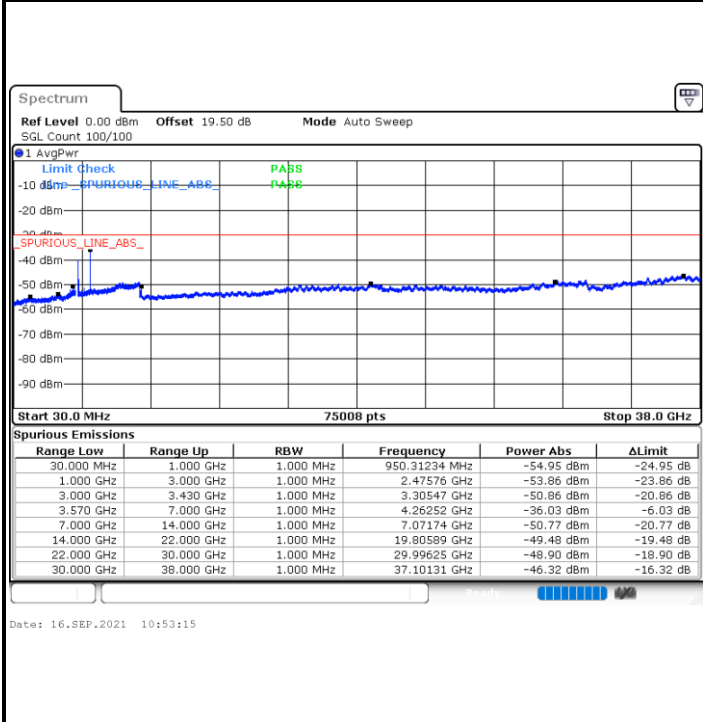
Date: 16.SEP.2021 10:42:33

Date: 16.SEP.2021 10:43:46

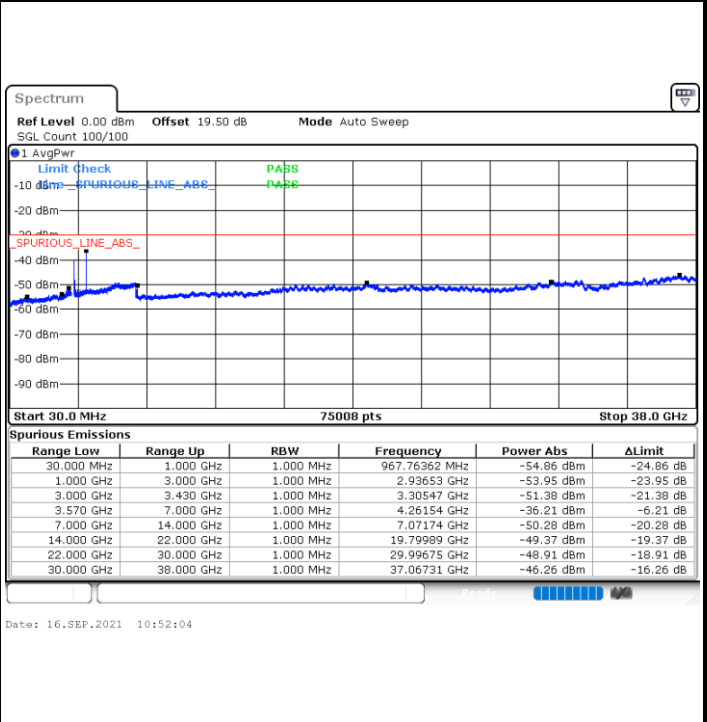


LTE Band 7 / 15MHz

Highest Channel / QPSK

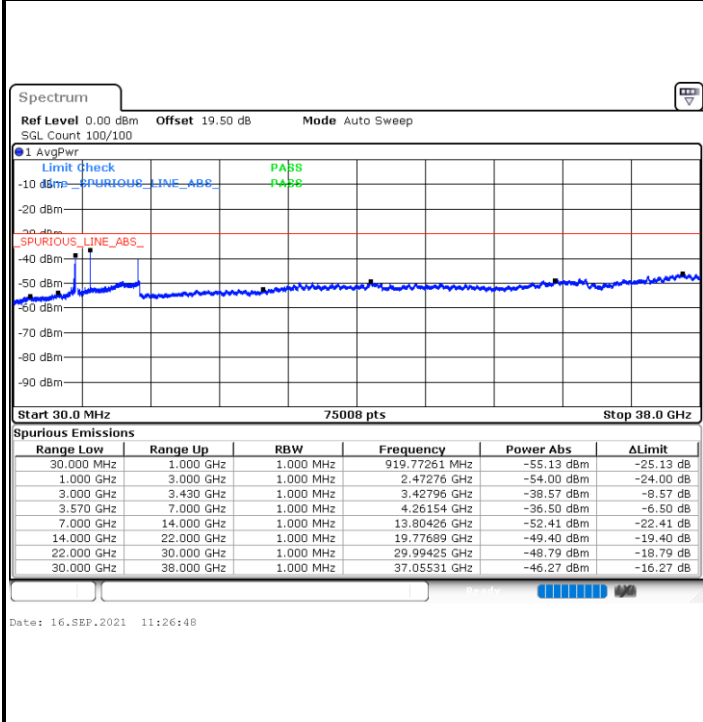


Highest Channel / 16QAM

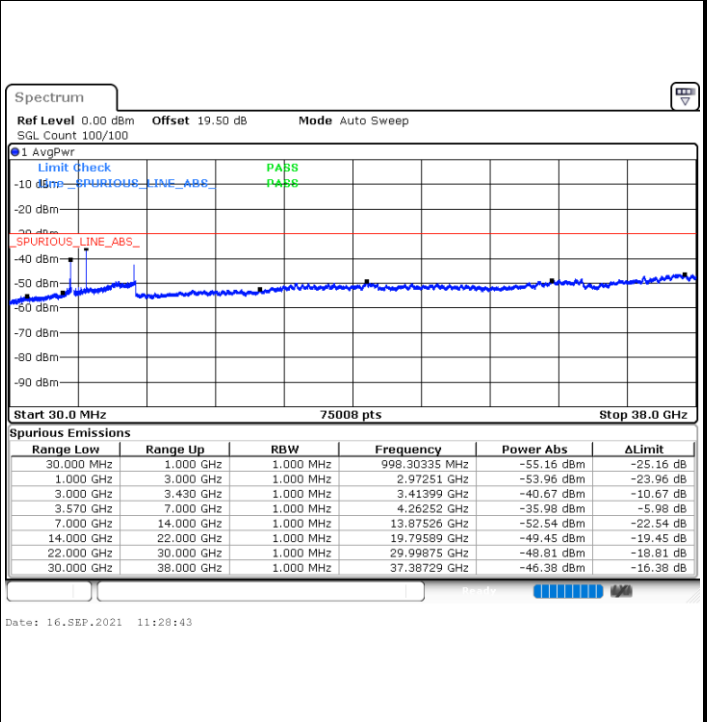


LTE Band 42 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

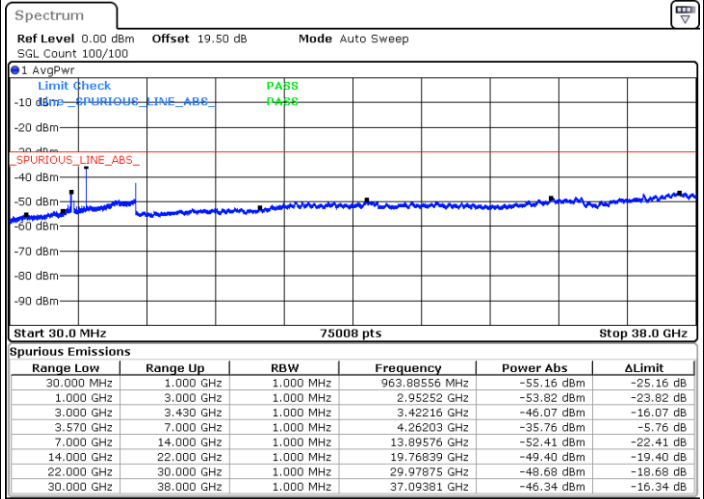
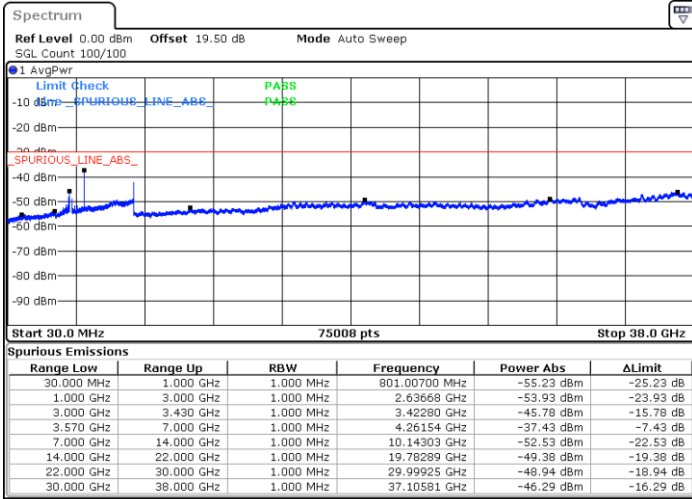




LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

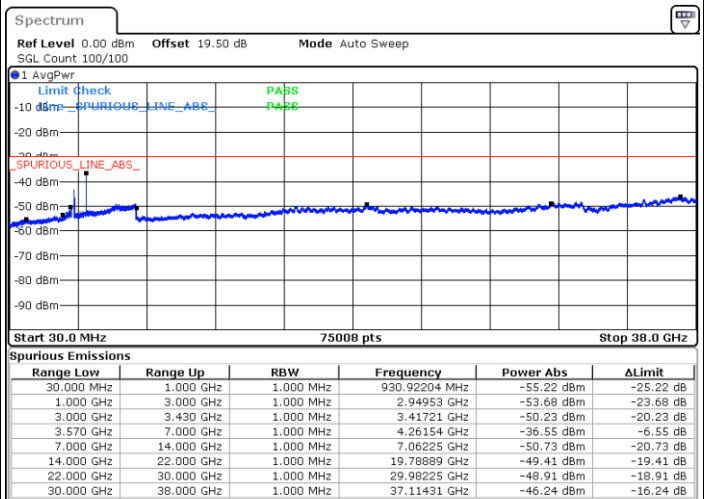
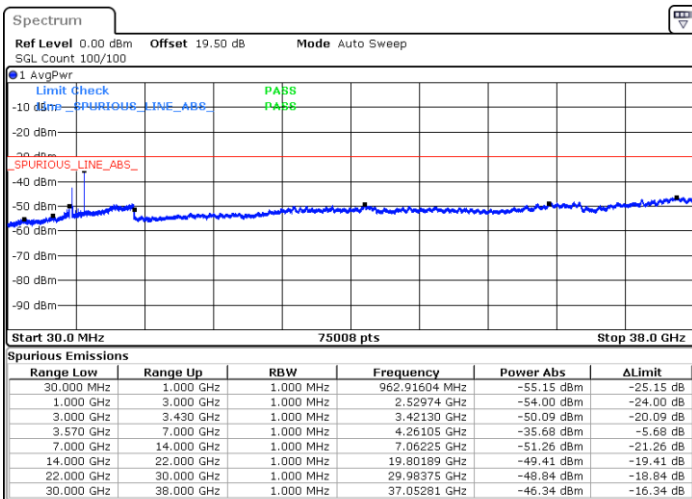


Date: 16.SEP.2021 11:34:10

Date: 16.SEP.2021 11:35:21

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.SEP.2021 11:41:32

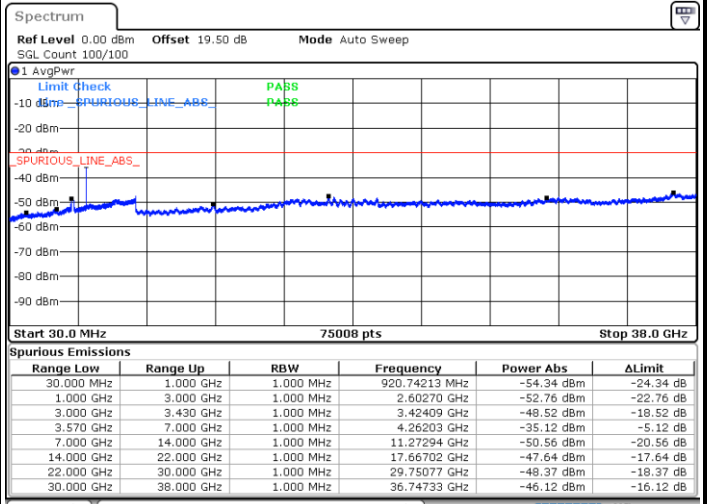
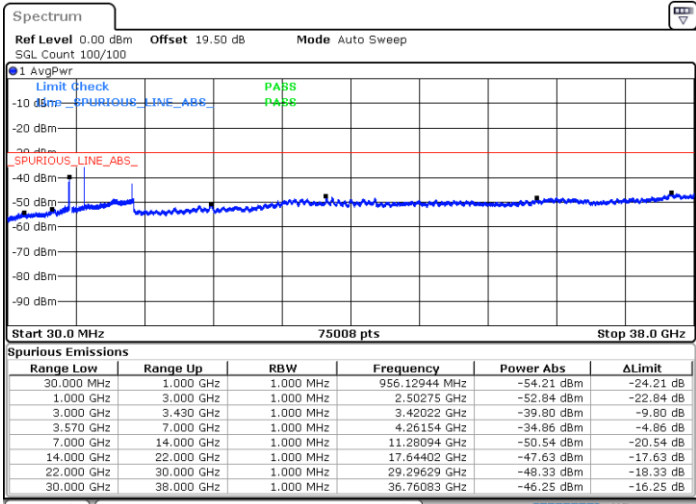
Date: 16.SEP.2021 11:40:09



LTE Band 42 / 5MHz

Lowest Channel / 64QAM

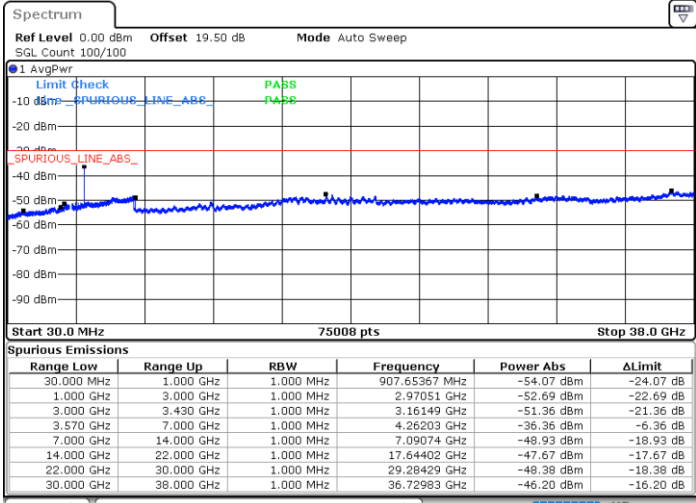
Middle Channel / 64QAM



Date: 8.SEP.2021 00:14:58

Date: 8.SEP.2021 01:04:56

Highest Channel / 64QAM



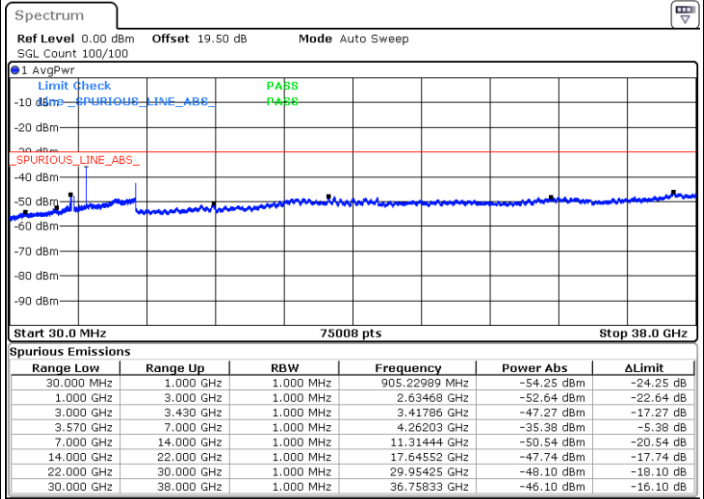
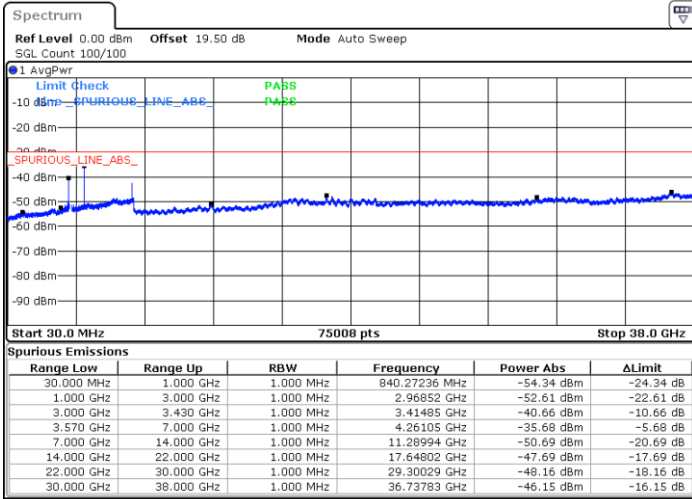
Date: 8.SEP.2021 01:16:14



LTE Band 42 / 10MHz

Lowest Channel / 64QAM

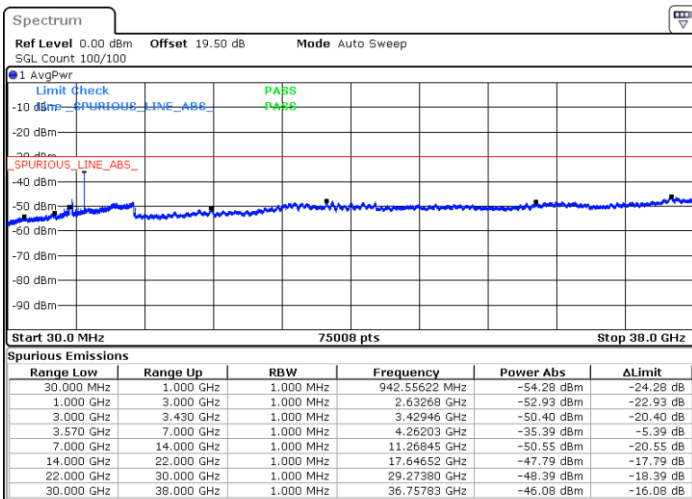
Middle Channel / 64QAM



Date: 8.SEP.2021 15:09:51

Date: 8.SEP.2021 15:21:13

Highest Channel / 64QAM



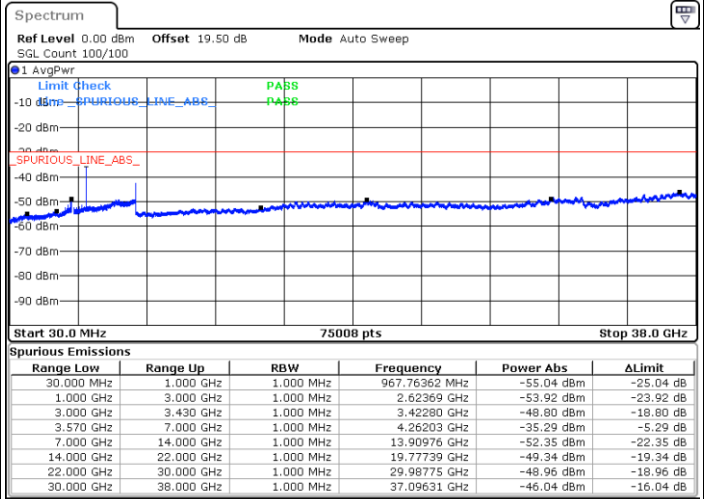
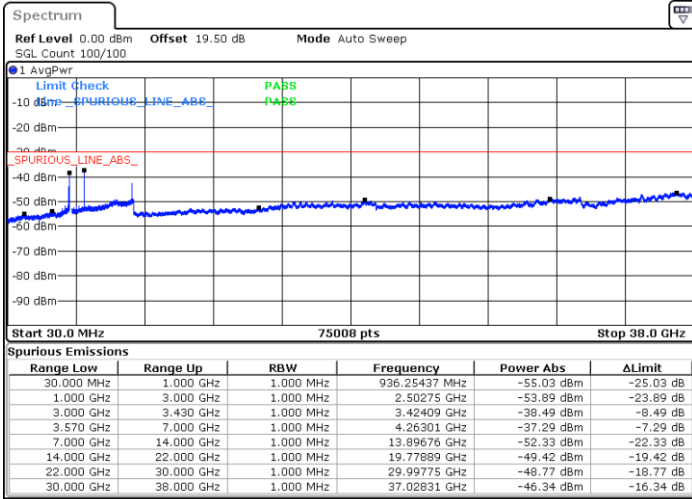
Date: 8.SEP.2021 15:44:35



LTE Band 42 / 15MHz

Lowest Channel / 64QAM

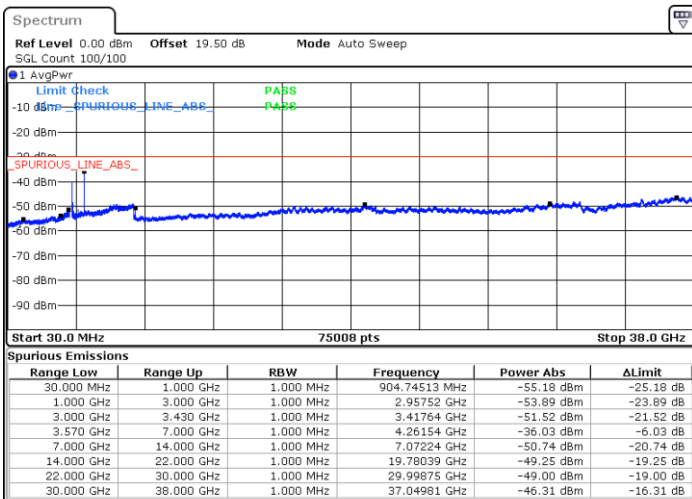
Middle Channel / 64QAM



Date: 16.SEP.2021 10:38:54

Date: 16.SEP.2021 10:45:38

Highest Channel / 64QAM



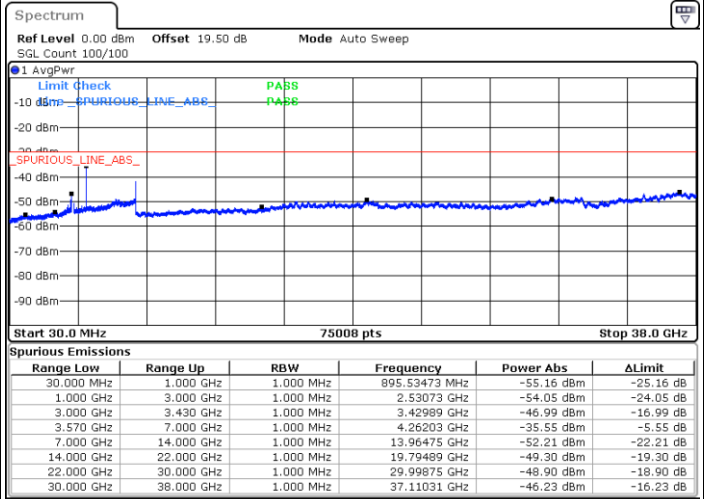
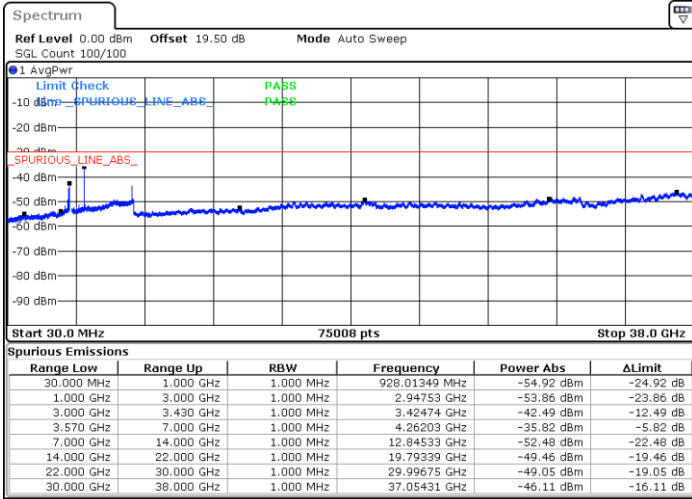
Date: 16.SEP.2021 10:50:45



LTE Band 42 / 20MHz

Lowest Channel / 64QAM

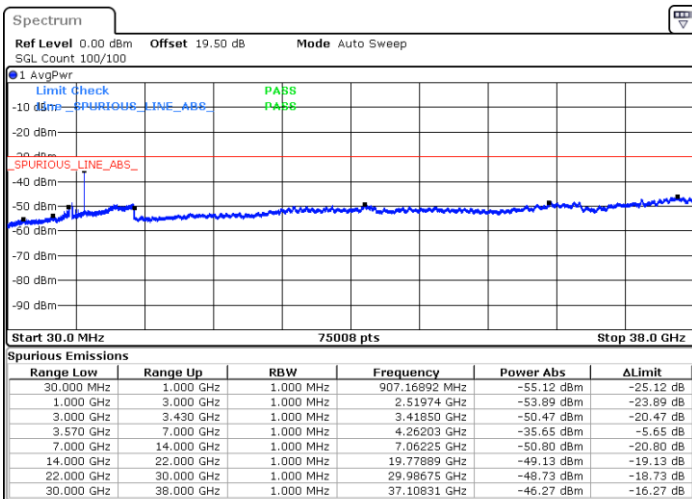
Middle Channel / 64QAM



Date: 16.SEP.2021 11:30:43

Date: 16.SEP.2021 11:36:29

Highest Channel / 64QAM



Date: 16.SEP.2021 11:38:45

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	0.0008	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0075	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0075	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0074	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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)
Middle	6982.00	-51.12	-13	-38.12	-57.86	-56.68	7.14	12.70	H
	10473.00	-53.27	-13	-40.27	-65.13	-56.57	8.30	11.60	H
	13964.00	-53.58	-13	-40.58	-67.37	-55.10	10.48	12.00	H
	6982.00	-56.72	-13	-43.72	-63.83	-62.28	7.14	12.70	V
	10473.00	-50.15	-13	-37.15	-64.22	-53.45	8.30	11.60	V
	13964.00	-53.81	-13	-40.81	-66.75	-55.33	10.48	12.00	V

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