

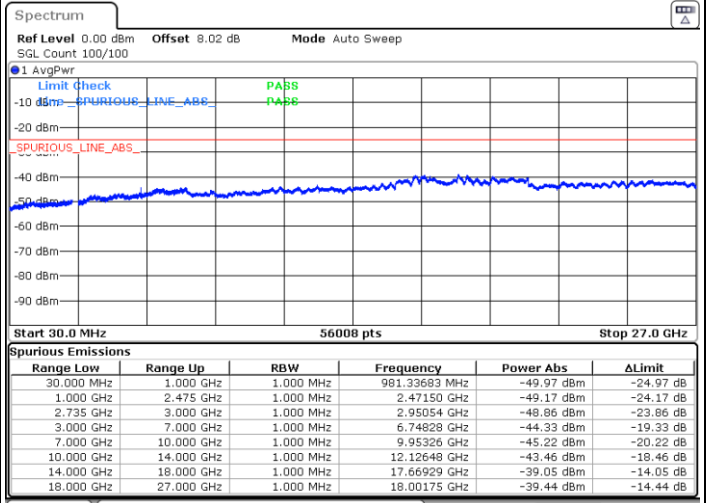
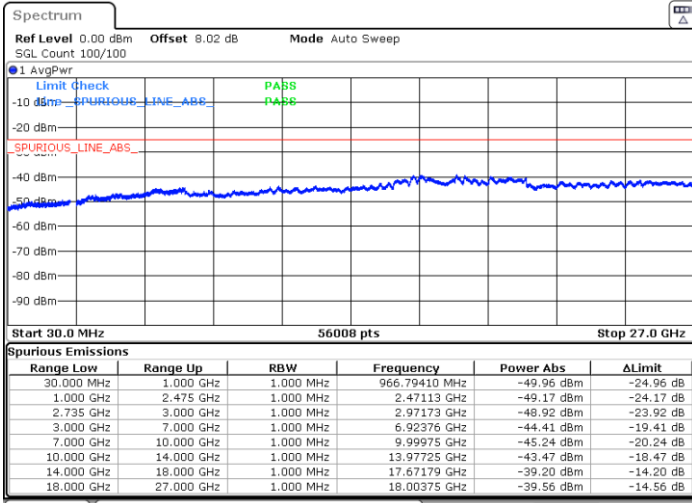


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel /1RB74 and 1RB0

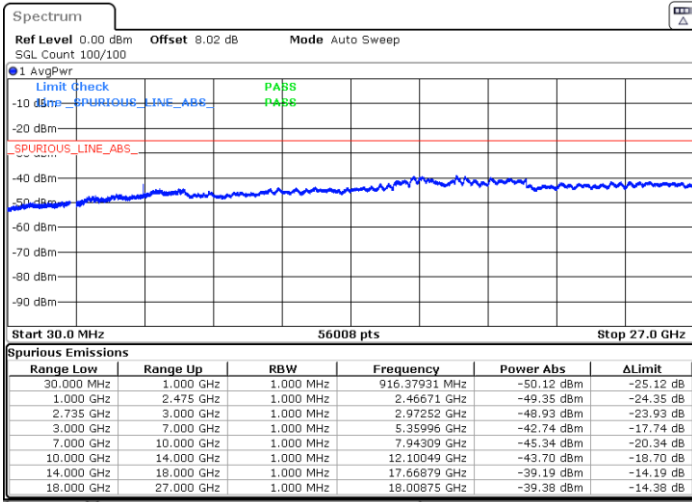


Date: 26.NOV.2021 09:23:34

Date: 26.NOV.2021 09:25:09

Highest Channel 1RB74 and 1RB0

N/A



Date: 26.NOV.2021 09:26:44

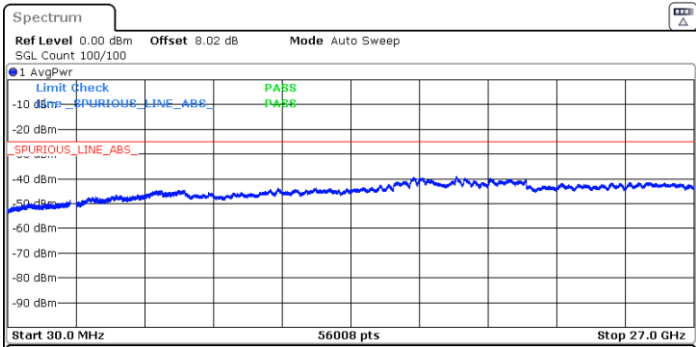


LTE Band 41C / 15MHz+15MHz

QPSK

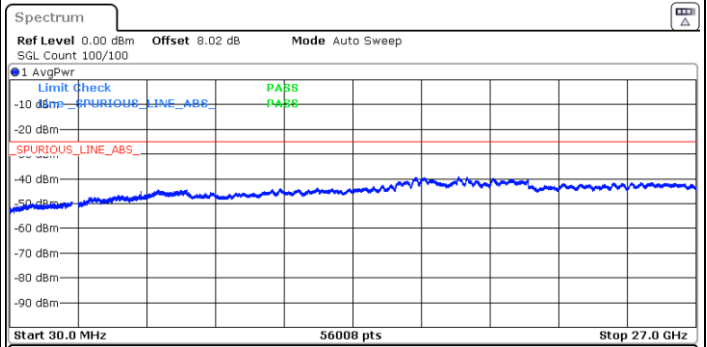
Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-49.97 dBm	-24.97 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.474445 GHz	-48.75 dBm	-23.75 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96457 GHz	-48.63 dBm	-23.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-44.59 dBm	-19.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95676 GHz	-45.34 dBm	-20.34 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98225 GHz	-43.57 dBm	-18.57 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66079 GHz	-38.91 dBm	-13.91 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01975 GHz	-39.61 dBm	-14.61 dB

Date: 26.NOV.2021 09:39:43

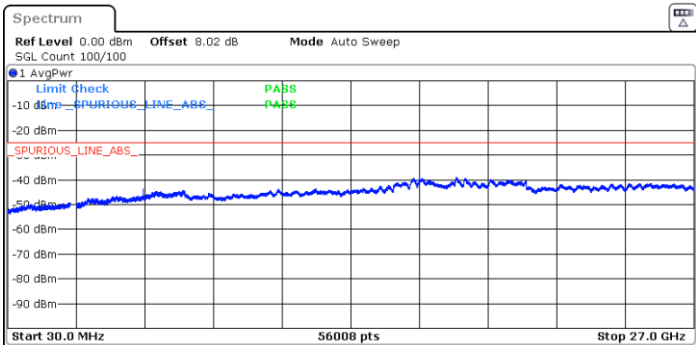


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.71164 MHz	-50.11 dBm	-25.11 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-49.35 dBm	-24.35 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95994 GHz	-48.75 dBm	-23.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-44.46 dBm	-19.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98225 GHz	-45.40 dBm	-20.40 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.11299 GHz	-43.52 dBm	-18.52 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66329 GHz	-39.20 dBm	-14.20 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.02125 GHz	-39.42 dBm	-14.42 dB

Date: 26.NOV.2021 09:41:18

Highest Channel / 1RB74and 1RB0

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-49.91 dBm	-24.91 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43795 GHz	-49.18 dBm	-24.18 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96431 GHz	-48.82 dBm	-23.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.35146 GHz	-43.74 dBm	-18.74 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98775 GHz	-45.30 dBm	-20.30 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99725 GHz	-43.69 dBm	-18.69 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66879 GHz	-39.15 dBm	-14.15 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00725 GHz	-39.38 dBm	-14.38 dB

Date: 26.NOV.2021 09:42:54

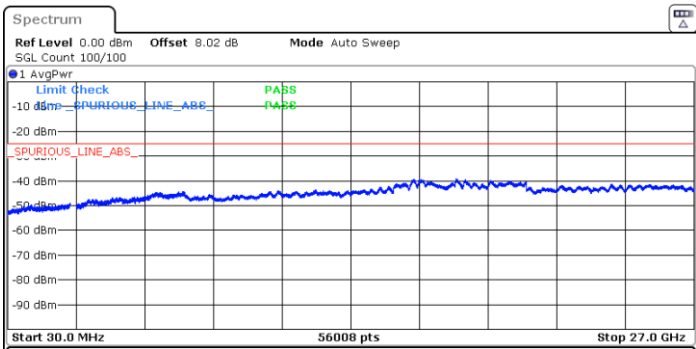


LTE Band 41C / 15MHz+20MHz

QPSK

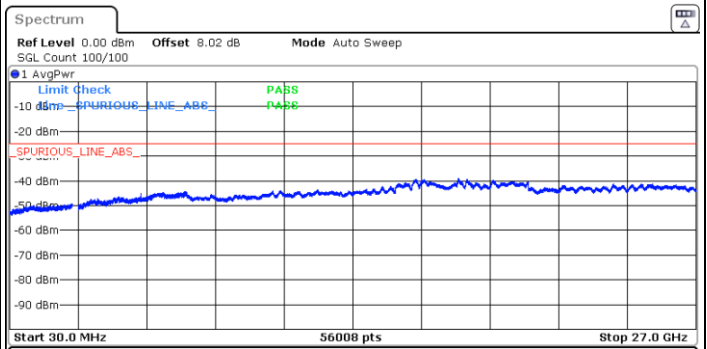
Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73513 MHz	-49.68 dBm	-24.68 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-49.05 dBm	-24.05 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94219 GHz	-48.86 dBm	-23.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96325 GHz	-44.36 dBm	-19.36 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96626 GHz	-45.39 dBm	-20.39 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99575 GHz	-43.63 dBm	-18.63 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65829 GHz	-39.12 dBm	-14.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00575 GHz	-39.54 dBm	-14.54 dB

Date: 26.NOV.2021 09:44:30

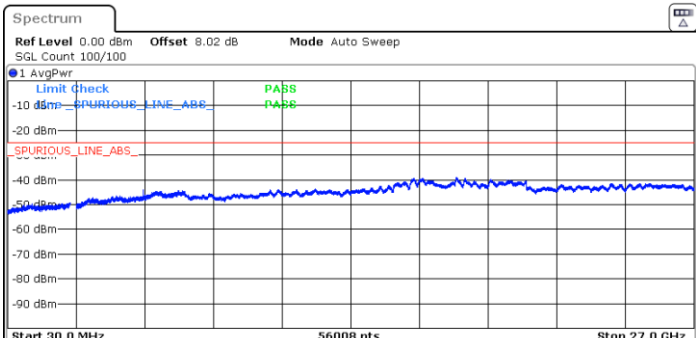


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.82759 MHz	-49.97 dBm	-24.97 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45933 GHz	-49.33 dBm	-24.33 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96550 GHz	-48.98 dBm	-23.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-44.28 dBm	-19.28 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96926 GHz	-45.38 dBm	-20.38 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99825 GHz	-43.57 dBm	-18.57 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66079 GHz	-39.13 dBm	-14.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00525 GHz	-39.55 dBm	-14.55 dB

Date: 26.NOV.2021 09:46:05

Highest Channel / 1RB49and 1RB0

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.03498 MHz	-49.81 dBm	-24.81 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46855 GHz	-49.35 dBm	-24.35 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97398 GHz	-48.78 dBm	-23.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.34096 GHz	-43.94 dBm	-18.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95176 GHz	-45.33 dBm	-20.33 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98675 GHz	-43.56 dBm	-18.56 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66379 GHz	-39.10 dBm	-14.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01275 GHz	-39.31 dBm	-14.31 dB

Date: 26.NOV.2021 09:47:41

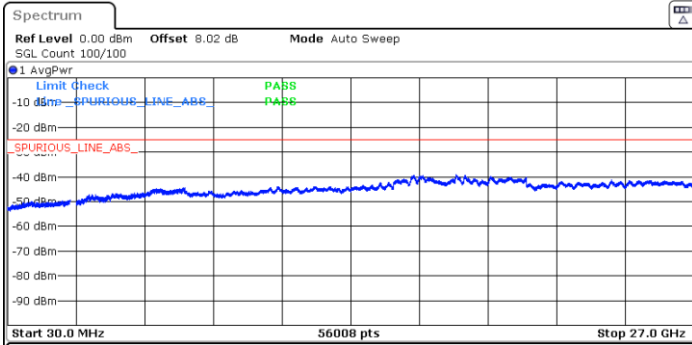


LTE Band 41C / 20MHz+5MHz

QPSK

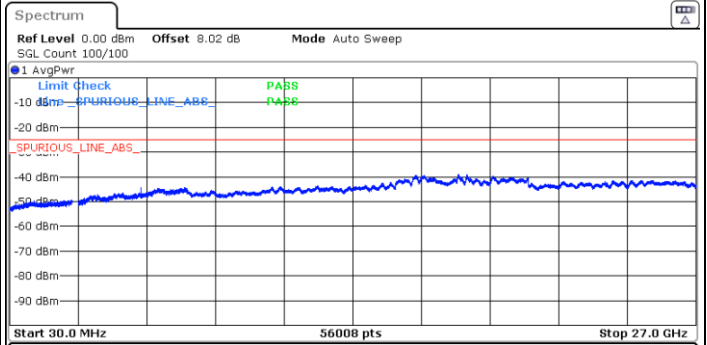
Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.61119 MHz	-50.13 dBm	-25.13 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.471150 GHz	-49.42 dBm	-24.42 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95795 GHz	-48.90 dBm	-23.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-44.47 dBm	-19.47 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95326 GHz	-45.45 dBm	-20.45 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99475 GHz	-43.64 dBm	-18.64 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66029 GHz	-39.25 dBm	-14.25 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00475 GHz	-39.46 dBm	-14.46 dB

Date: 26.NOV.2021 09:13:59

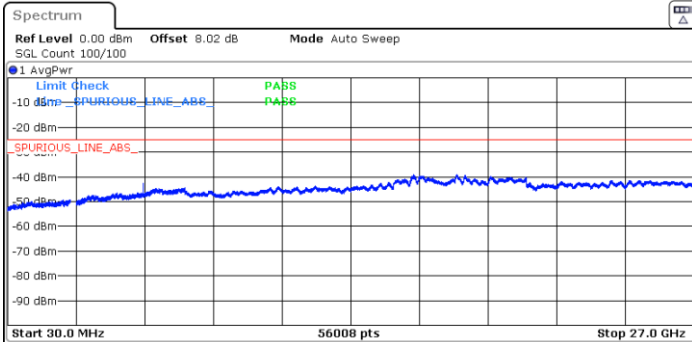


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.45577 MHz	-49.77 dBm	-24.77 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46523 GHz	-49.24 dBm	-24.24 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96683 GHz	-48.72 dBm	-23.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.19998 GHz	-44.23 dBm	-19.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97425 GHz	-45.39 dBm	-20.39 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99075 GHz	-43.42 dBm	-18.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65879 GHz	-39.01 dBm	-14.01 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00325 GHz	-39.53 dBm	-14.53 dB

Date: 26.NOV.2021 09:15:34

Highest Channel / 1RB99and 1RB0

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-49.83 dBm	-24.83 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46744 GHz	-49.31 dBm	-24.31 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95967 GHz	-48.73 dBm	-23.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.36895 GHz	-42.48 dBm	-17.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98125 GHz	-45.31 dBm	-20.31 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.11099 GHz	-43.51 dBm	-18.51 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.67029 GHz	-39.14 dBm	-14.14 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00925 GHz	-39.54 dBm	-14.54 dB

Date: 26.NOV.2021 09:17:10

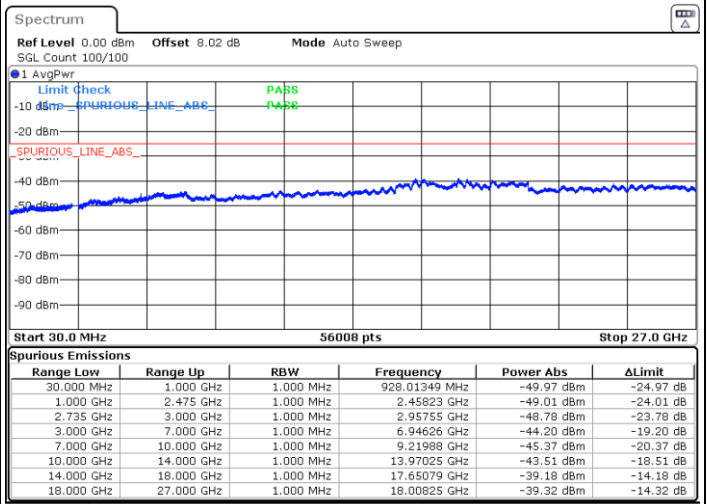
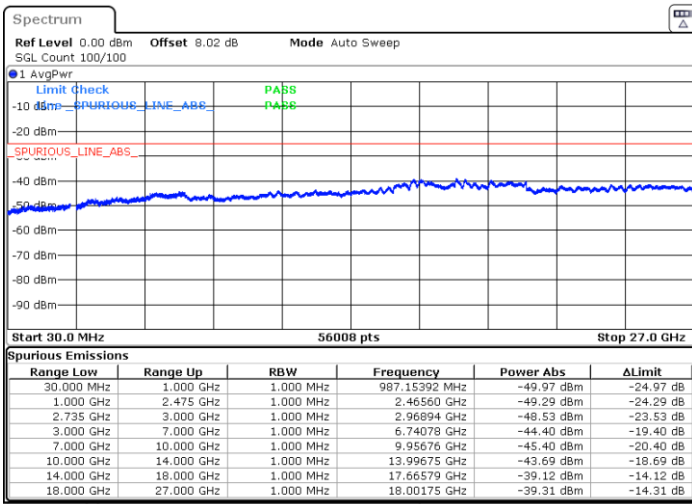


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

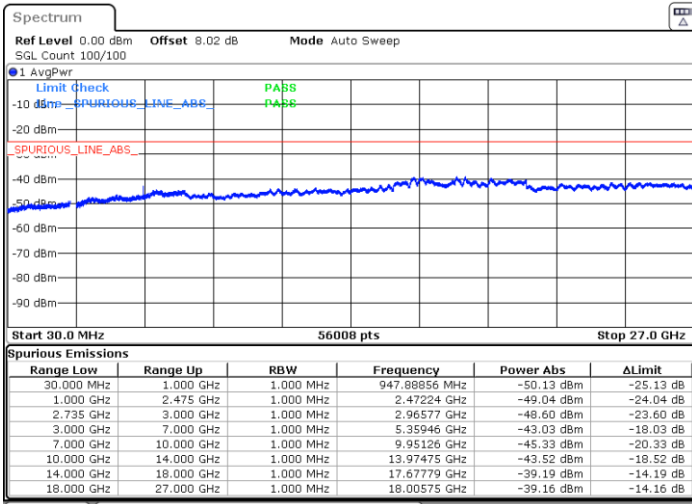


Date: 26.NOV.2021 09:33:48

Date: 26.NOV.2021 09:35:23

Highest Channel / 1RB99and 1RB0

N/A



Date: 26.NOV.2021 09:36:59

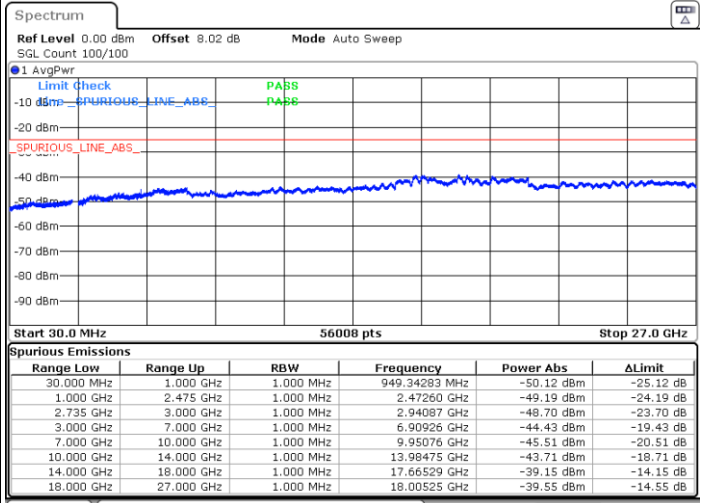
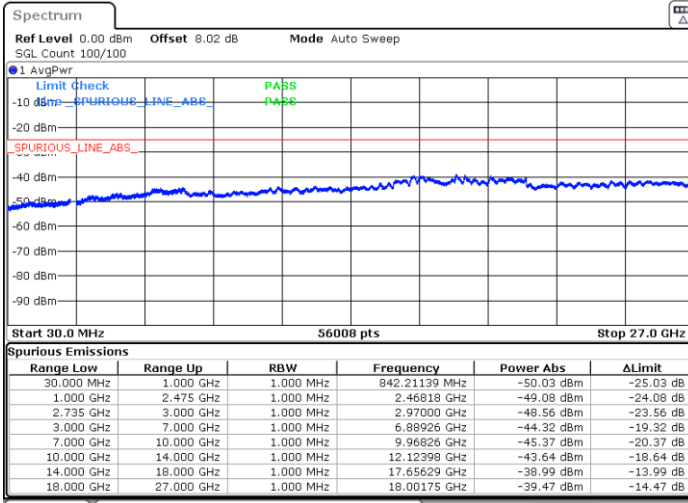


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

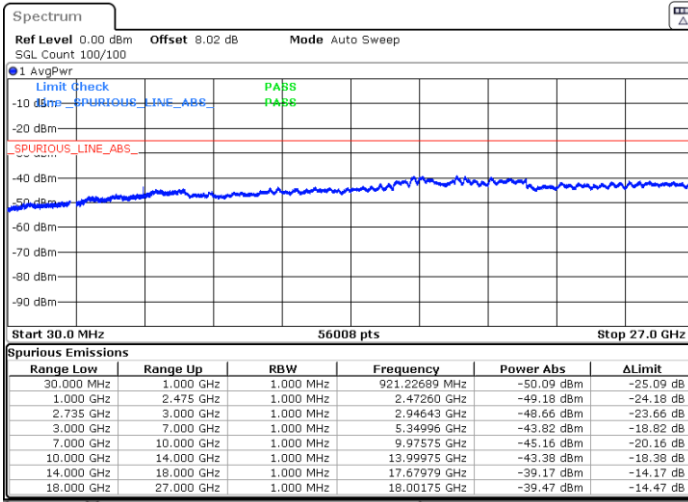


Date: 26.NOV.2021 09:49:17

Date: 26.NOV.2021 09:50:52

Highest Channel / 1RB99and 1RB0

N/A



Date: 26.NOV.2021 09:52:28

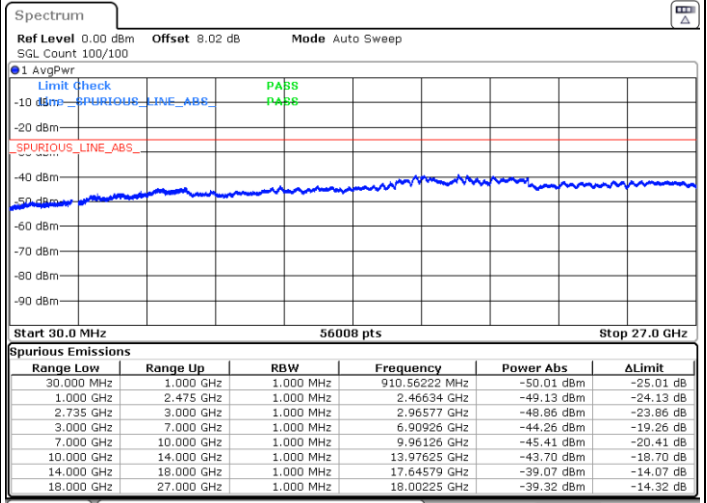
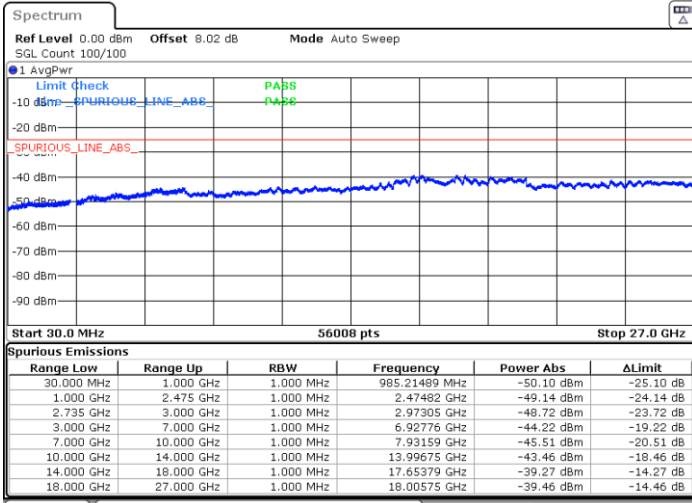


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

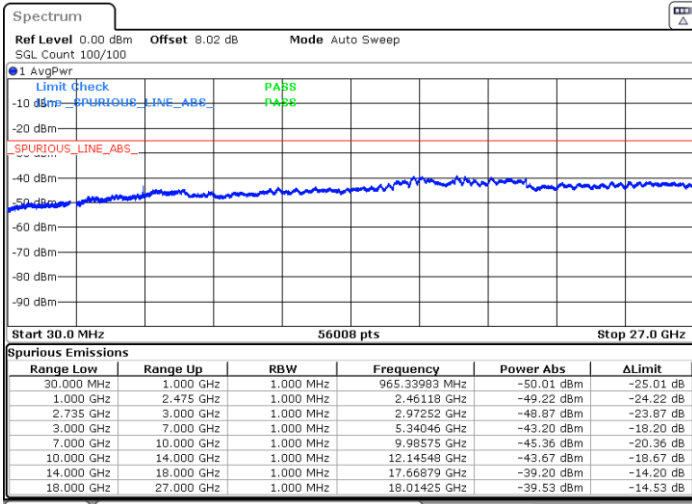


Date: 26.NOV.2021 09:54:04

Date: 26.NOV.2021 09:55:40

Highest Channel / 1RB99and 1RB0

N/A



Date: 26.NOV.2021 09:57:15



Frequency Stability

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0012	

Note:

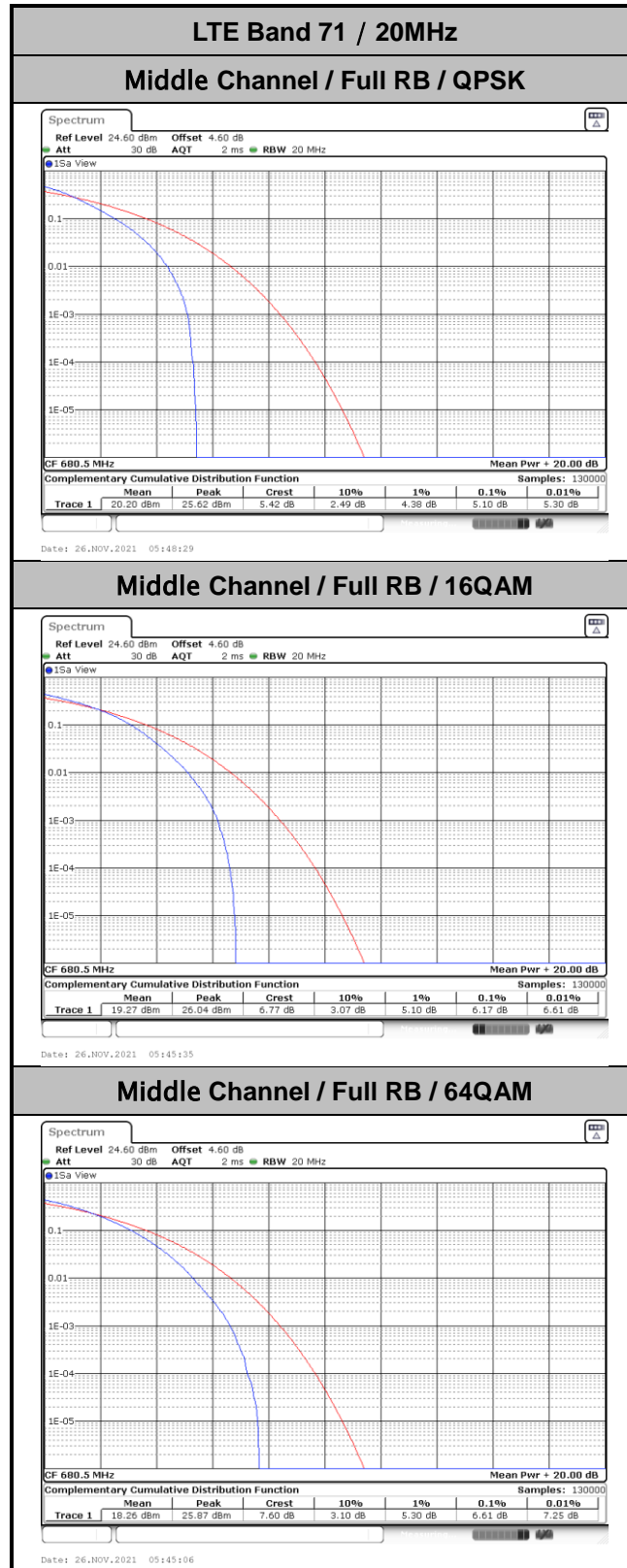
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

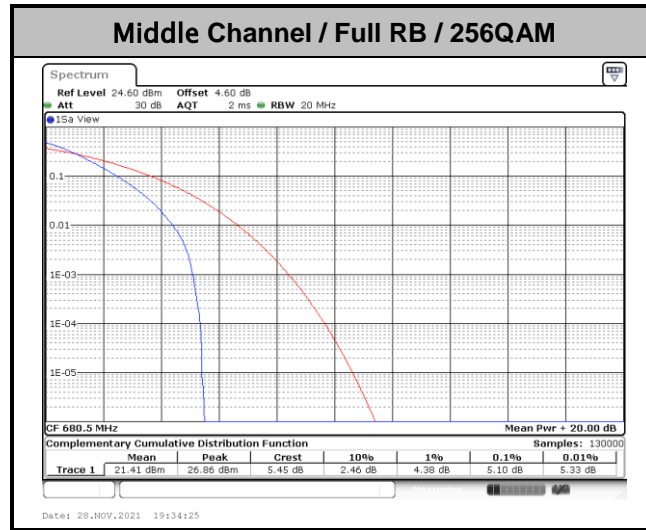


LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.10	6.17	6.61	5.10	PASS

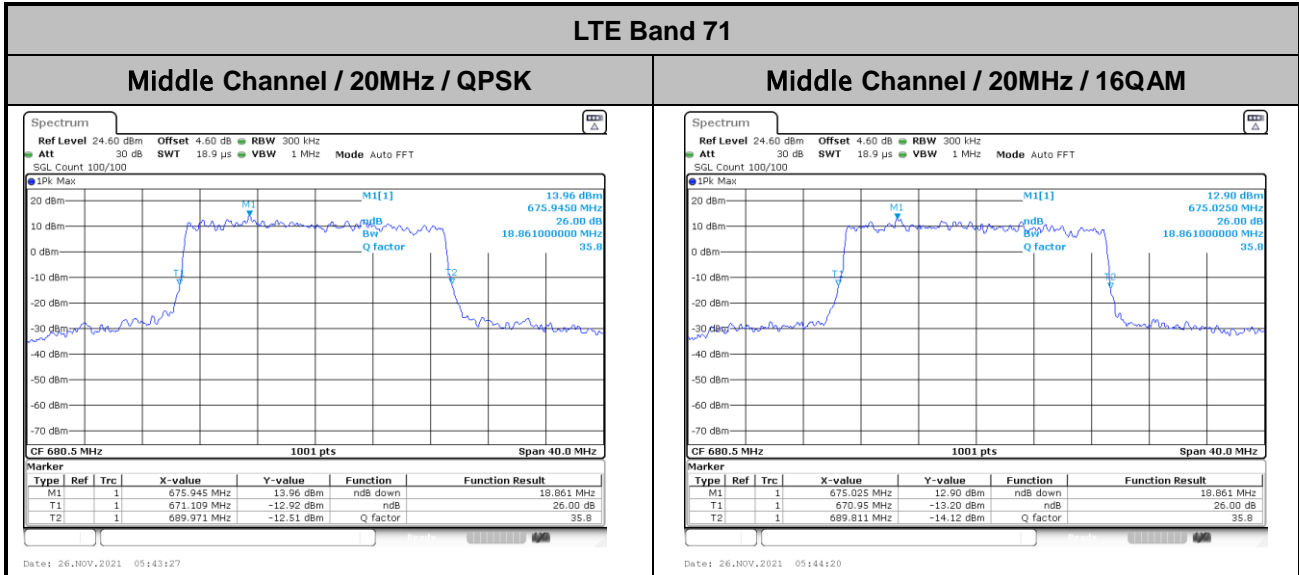






26dB Bandwidth

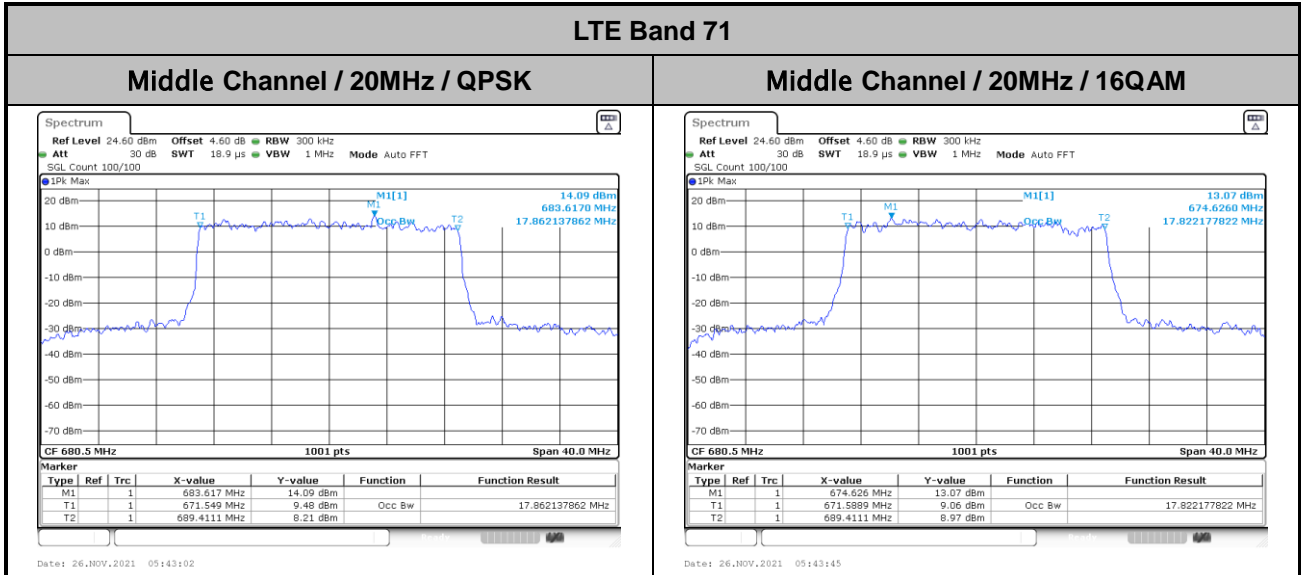
Mode	LTE Band 71 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	18.86





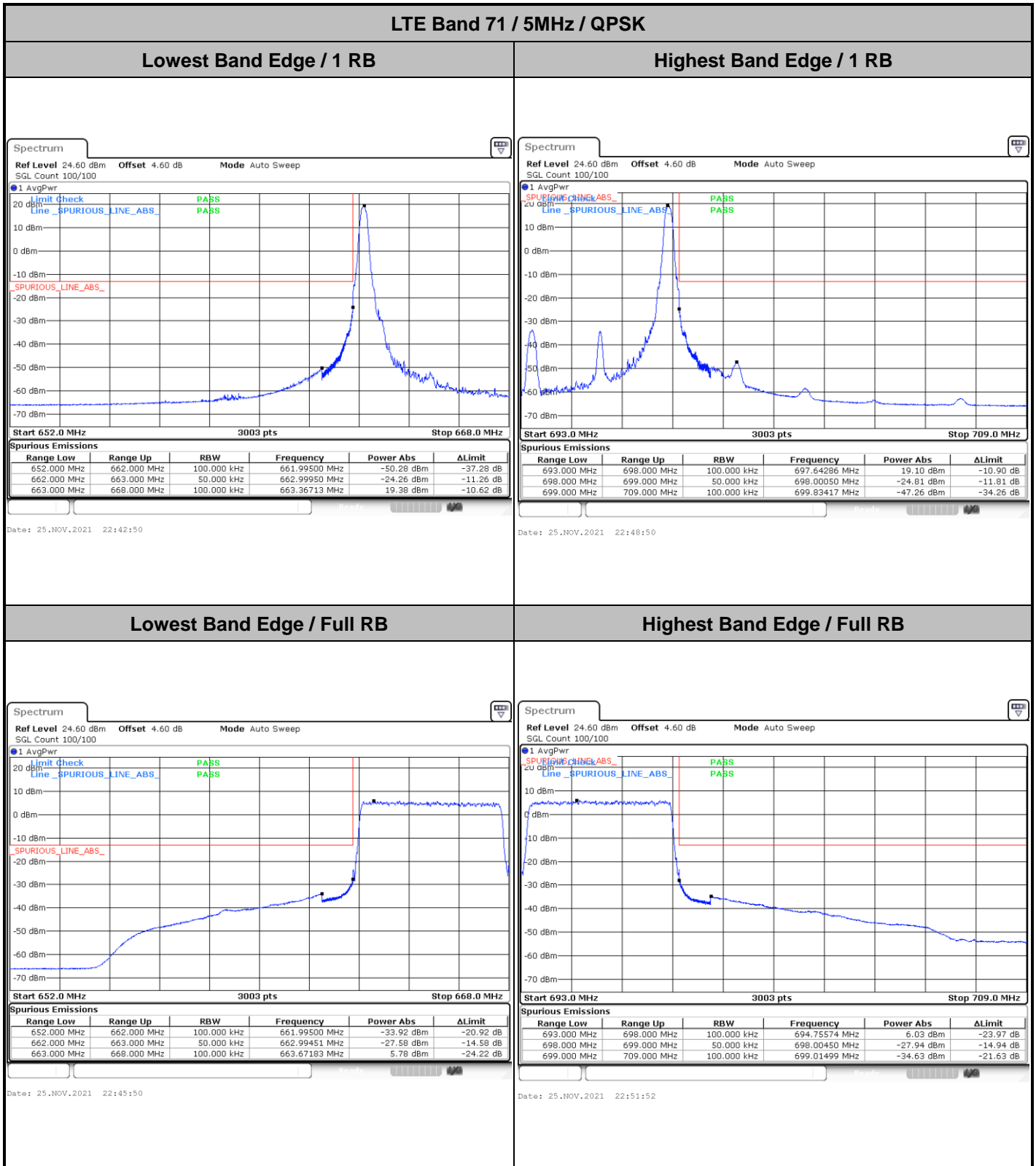
Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.82





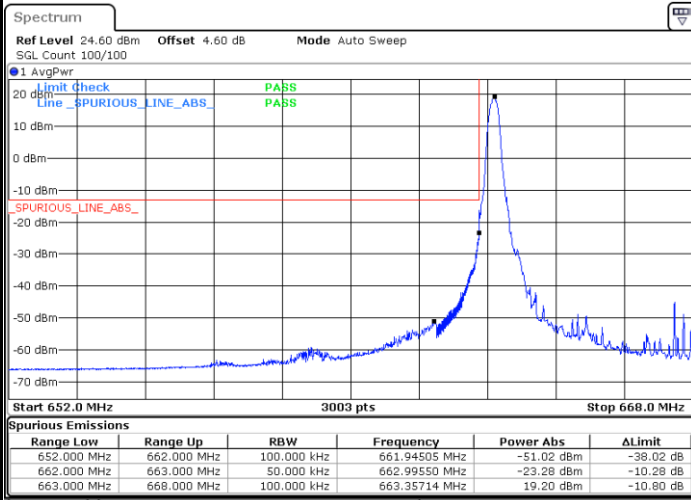
Conducted Band Edge





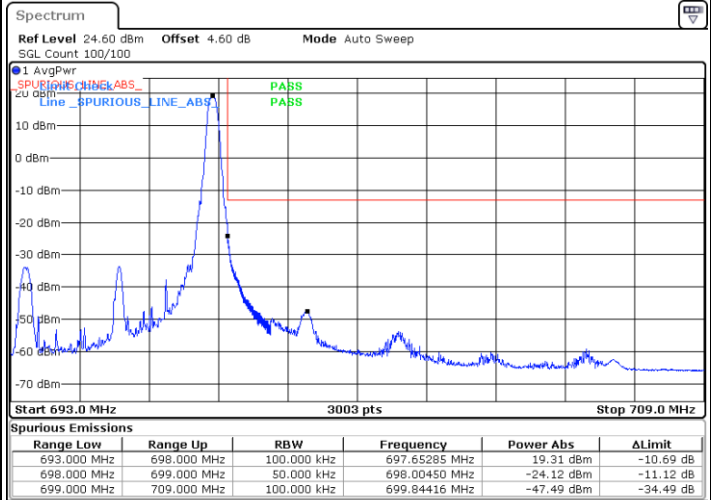
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1RB



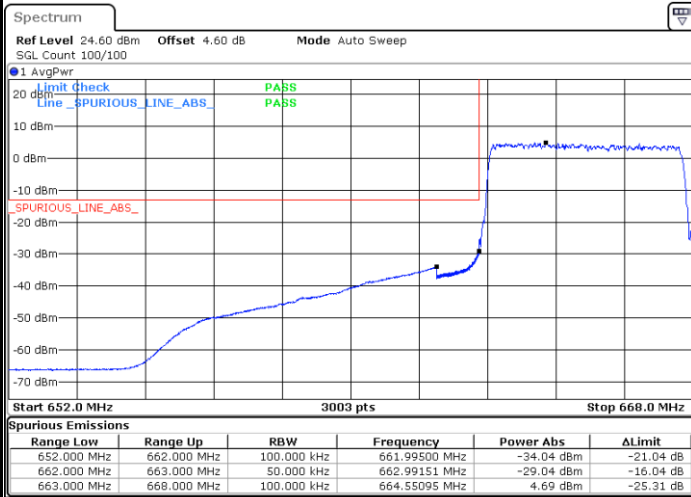
Date: 25.NOV.2021 22:44:20

Highest Band Edge / 1 RB



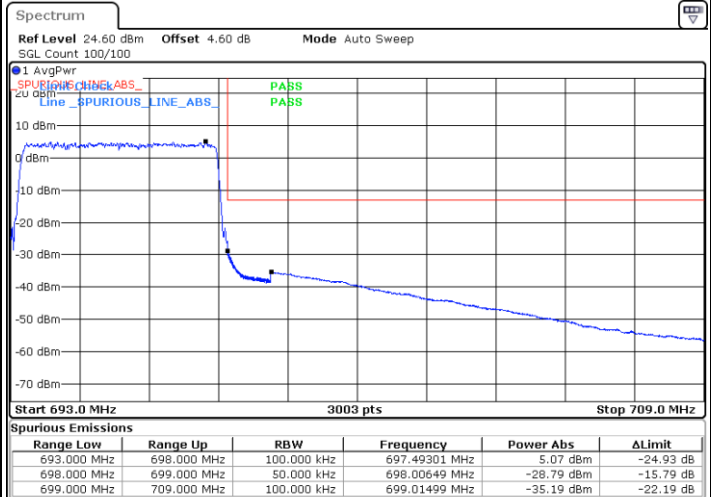
Date: 25.NOV.2021 22:50:21

Lowest Band Edge / Full RB



Date: 25.NOV.2021 22:47:20

Highest Band Edge / Full RB

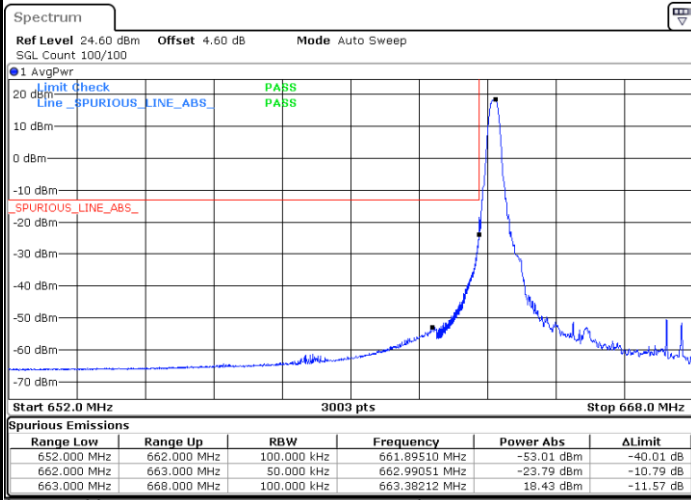


Date: 25.NOV.2021 22:53:23



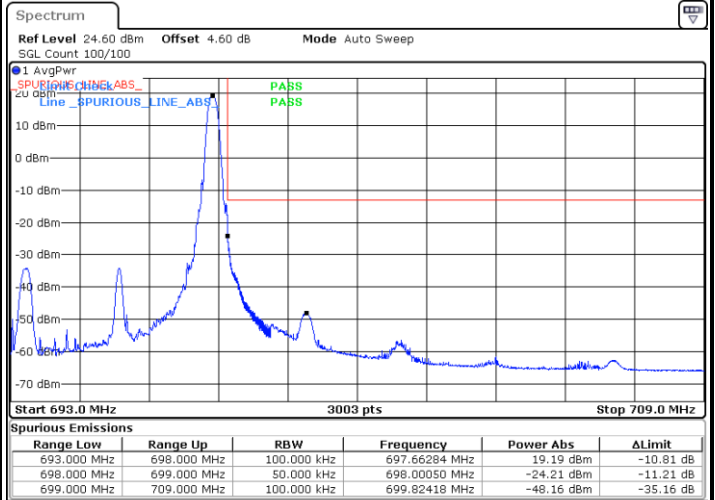
LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



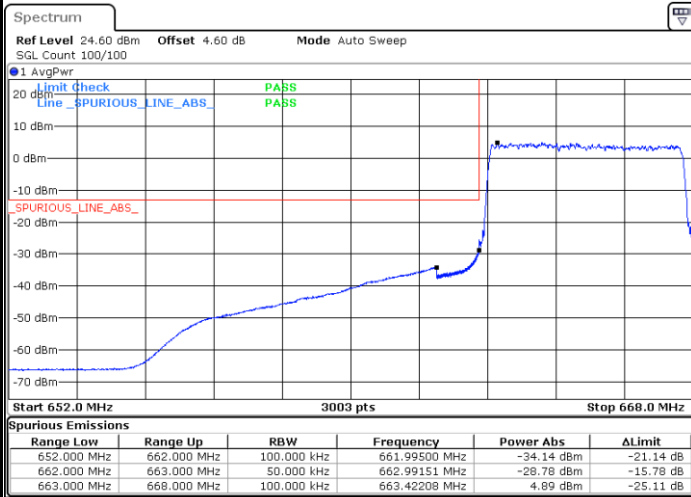
Date: 25.NOV.2021 22:54:54

Highest Band Edge / 1 RB



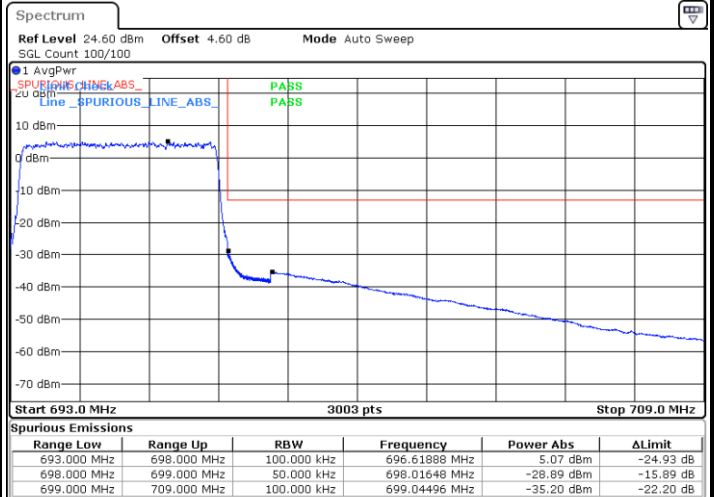
Date: 25.NOV.2021 22:57:55

Lowest Band Edge / Full RB



Date: 25.NOV.2021 22:56:25

Highest Band Edge / Full RB

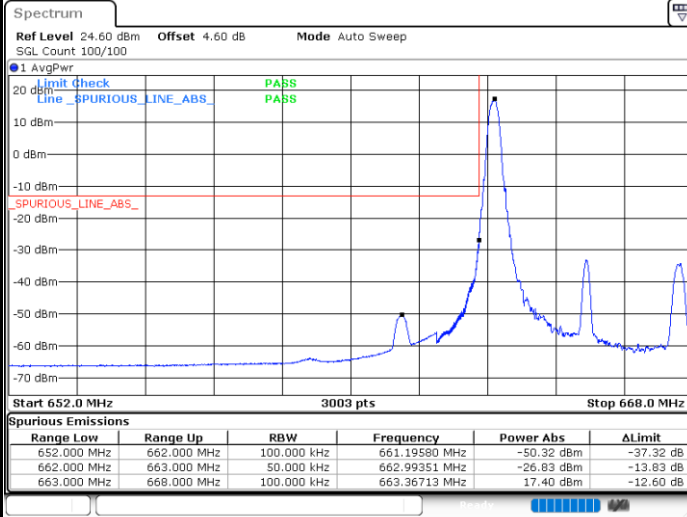


Date: 25.NOV.2021 22:59:26



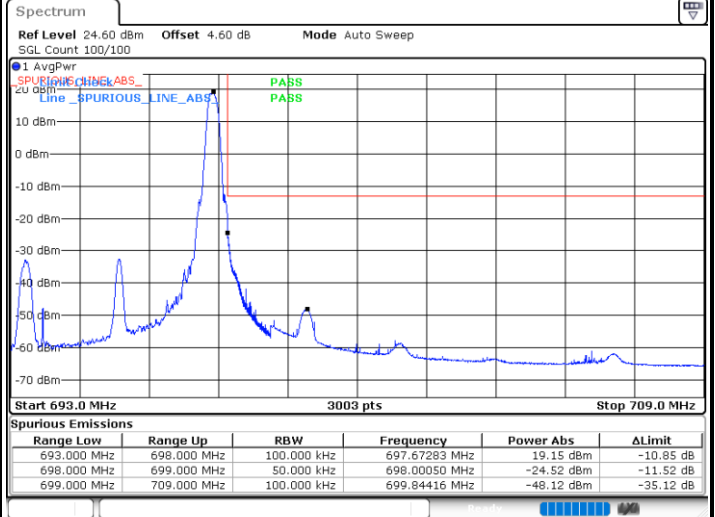
LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB



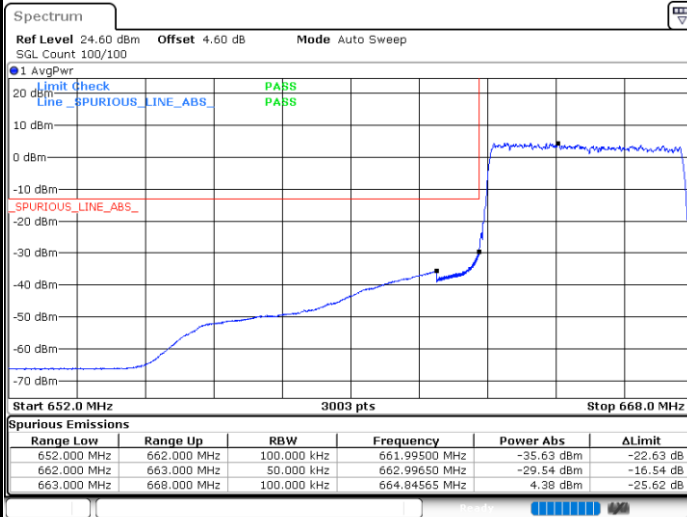
Date: 28.NOV.2021 16:43:42

Highest Band Edge / 1 RB



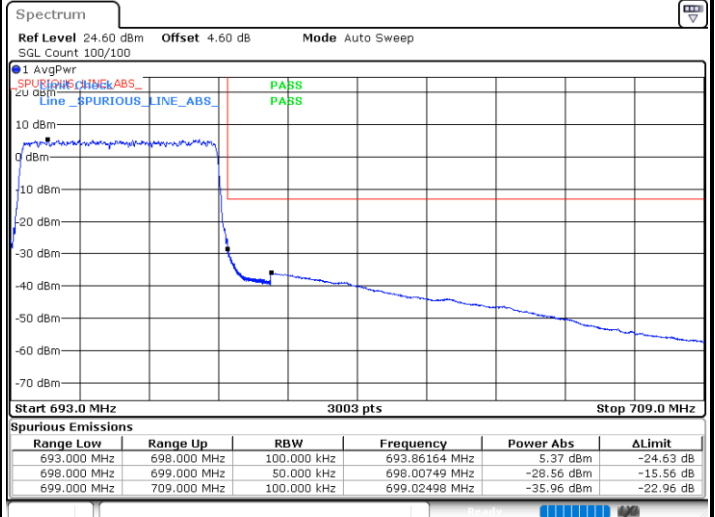
Date: 28.NOV.2021 16:47:09

Lowest Band Edge / Full RB



Date: 28.NOV.2021 16:41:44

Highest Band Edge / Full RB

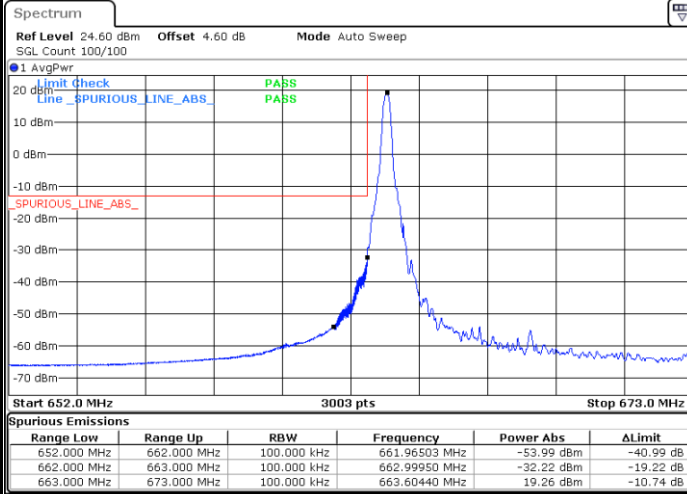


Date: 28.NOV.2021 16:48:03



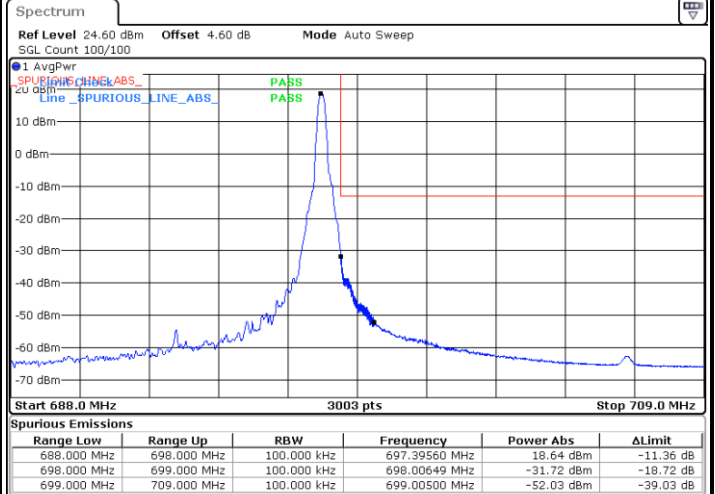
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



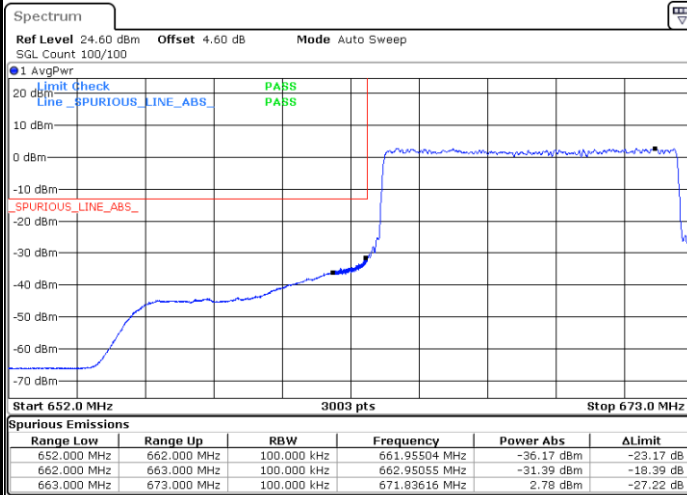
Date: 25.NOV.2021 23:00:57

Highest Band Edge / 1 RB



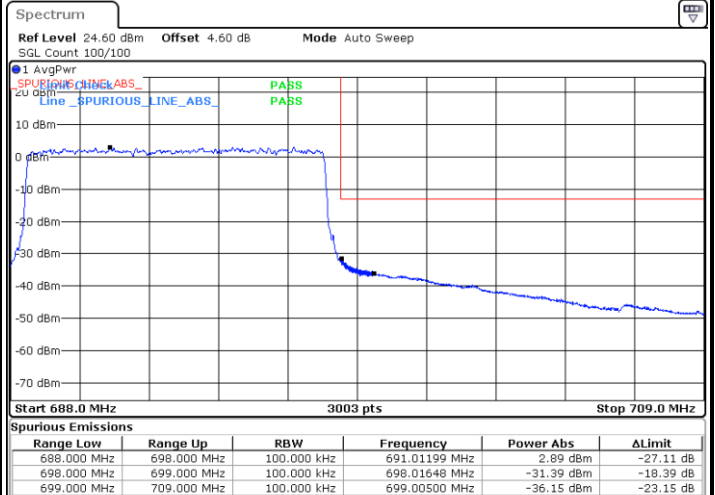
Date: 25.NOV.2021 23:06:58

Lowest Band Edge / Full RB



Date: 25.NOV.2021 23:03:57

Highest Band Edge / Full RB

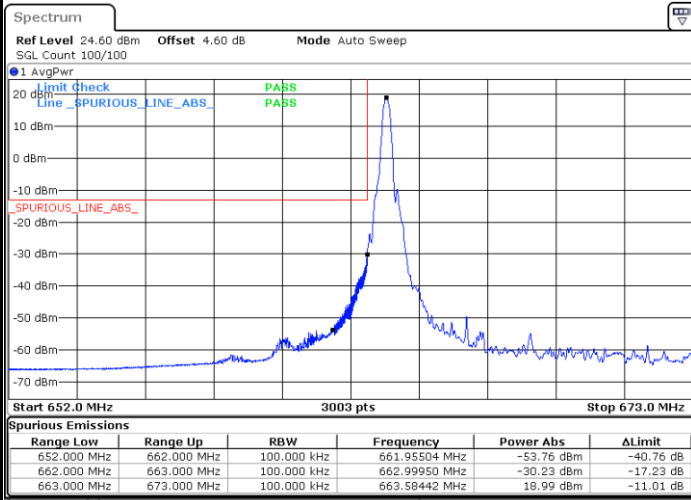


Date: 25.NOV.2021 23:10:01

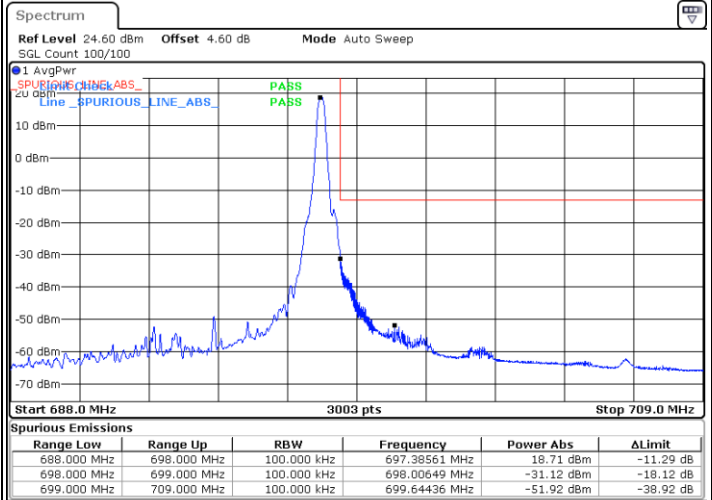


LTE Band 71 / 10MHz / 16QAM

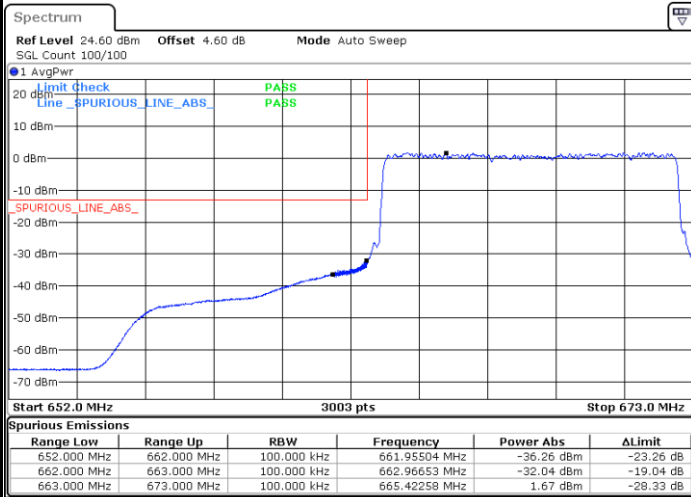
Lowest Band Edge / 1 RB



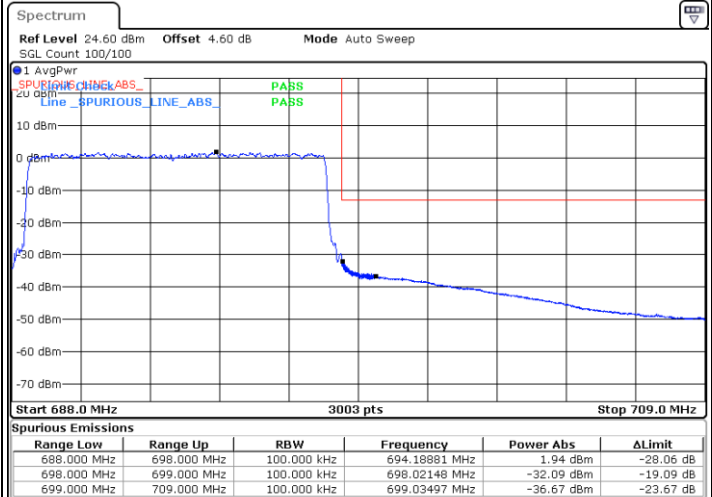
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



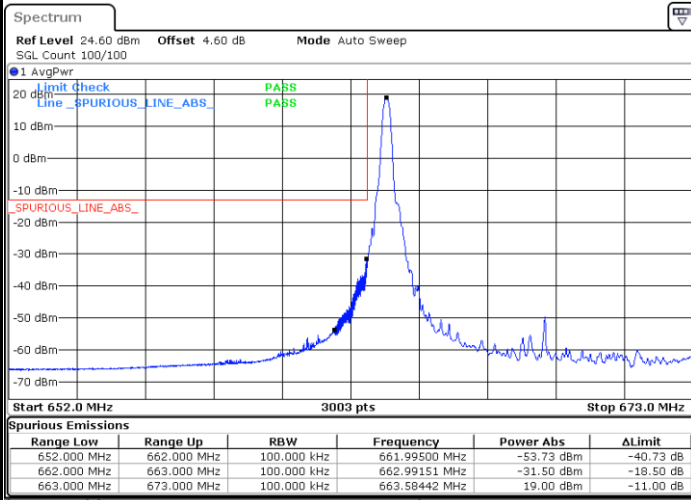
Highest Band Edge / Full RB





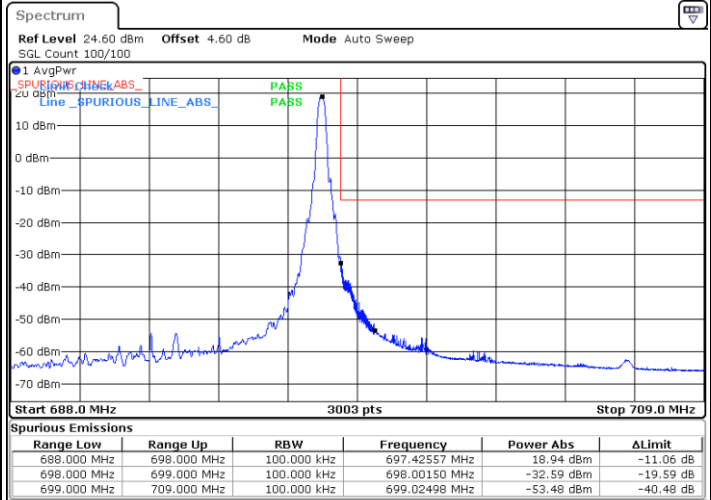
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



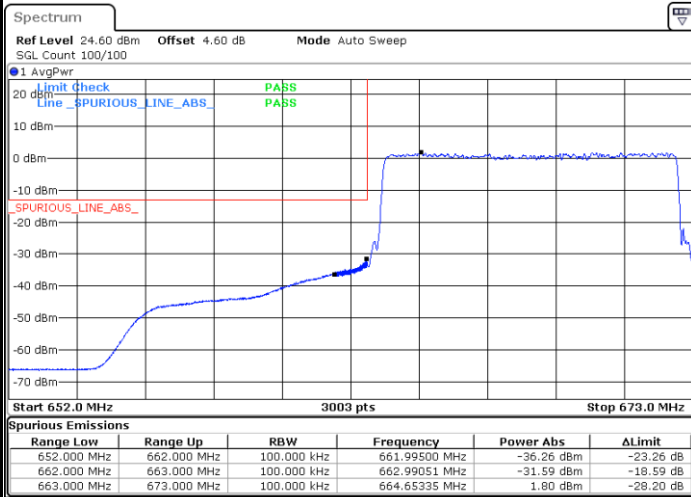
Date: 25.NOV.2021 23:13:01

Highest Band Edge / 1 RB



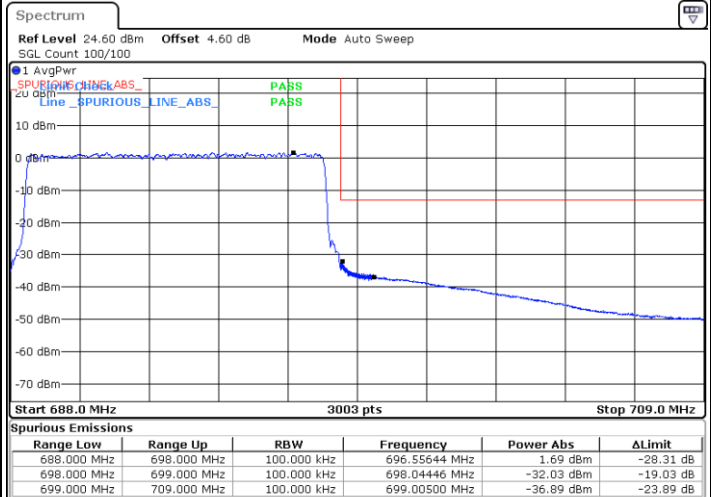
Date: 25.NOV.2021 23:16:01

Lowest Band Edge / Full RB



Date: 25.NOV.2021 23:14:30

Highest Band Edge / Full RB

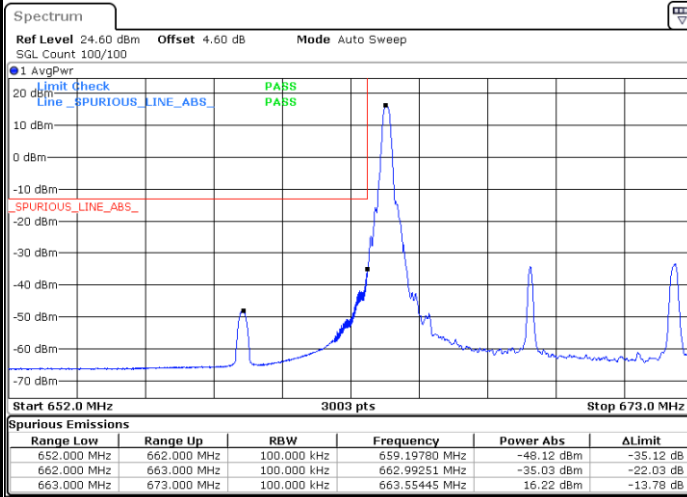


Date: 25.NOV.2021 23:17:32



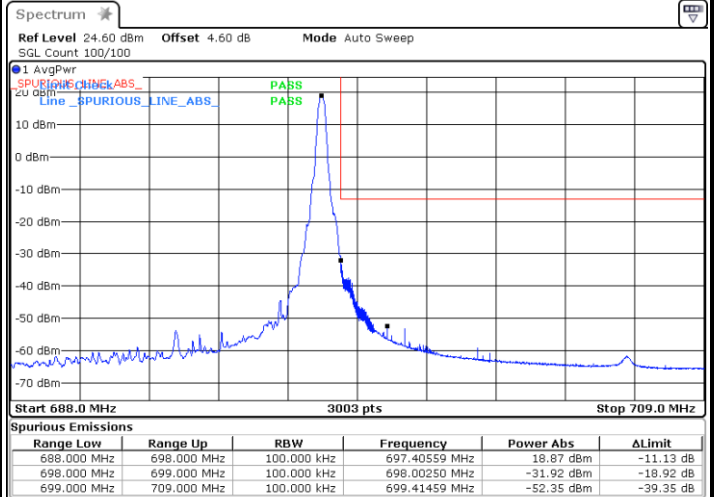
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1RB



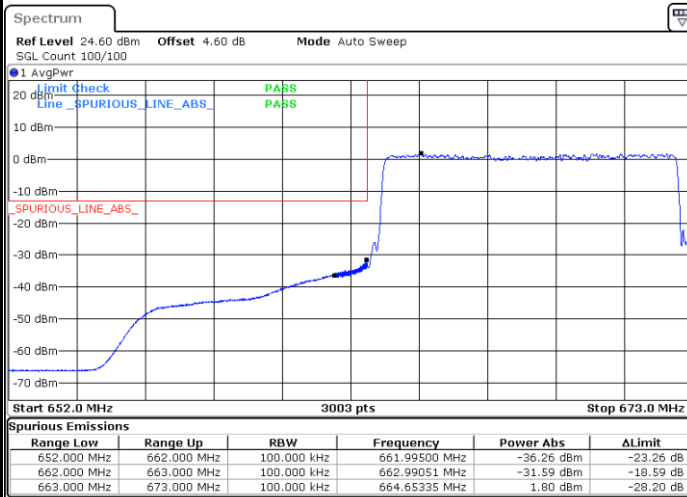
Date: 28.NOV.2021 16:50:51

Highest Band Edge / 1 RB



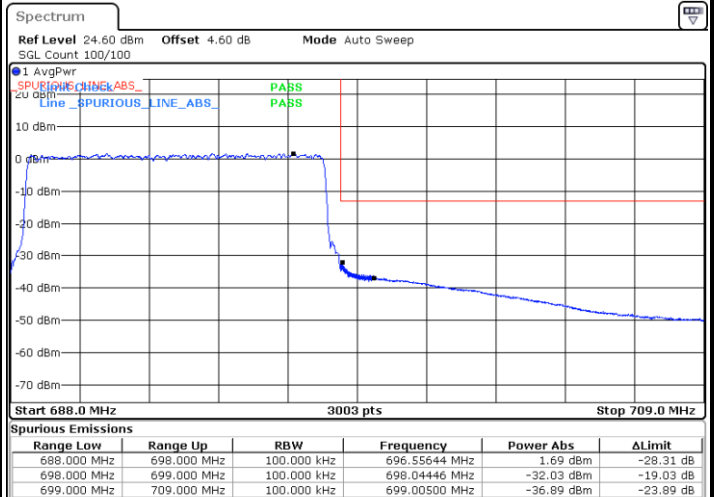
Date: 28.NOV.2021 16:52:55

Lowest Band Edge / Full RB



Date: 25.NOV.2021 23:14:30

Highest Band Edge / Full RB

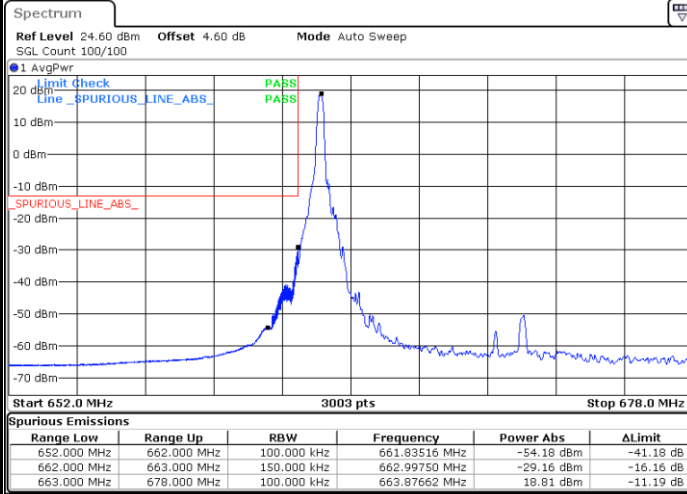


Date: 25.NOV.2021 23:17:32



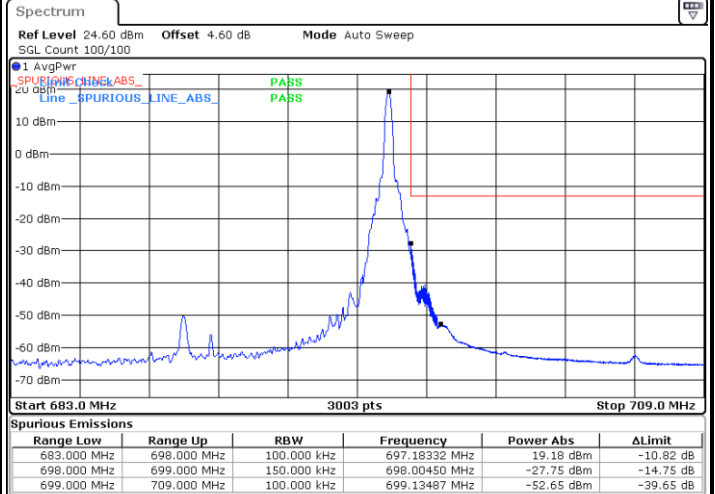
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



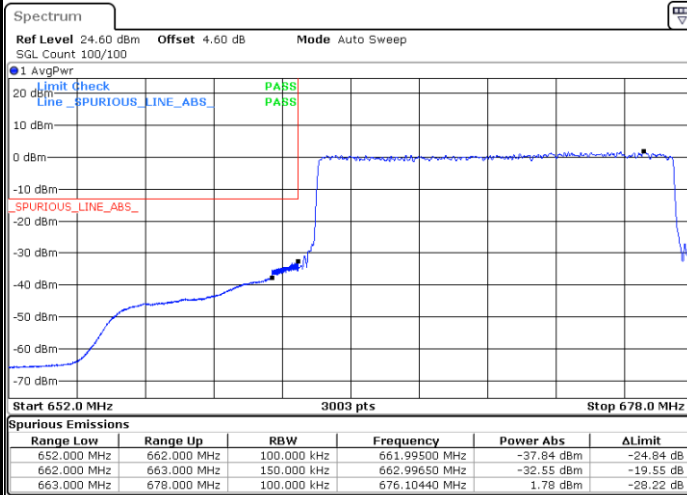
Date: 25.NOV.2021 23:19:03

Highest Band Edge / 1 RB



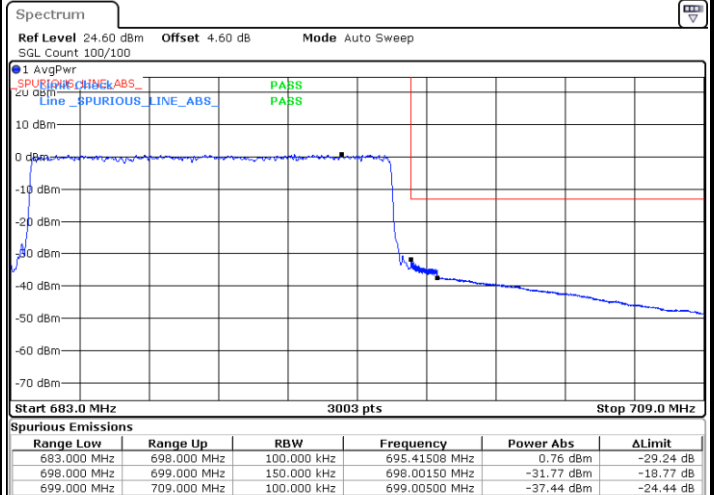
Date: 25.NOV.2021 23:25:06

Lowest Band Edge / Full RB



Date: 25.NOV.2021 23:22:05

Highest Band Edge / Full RB

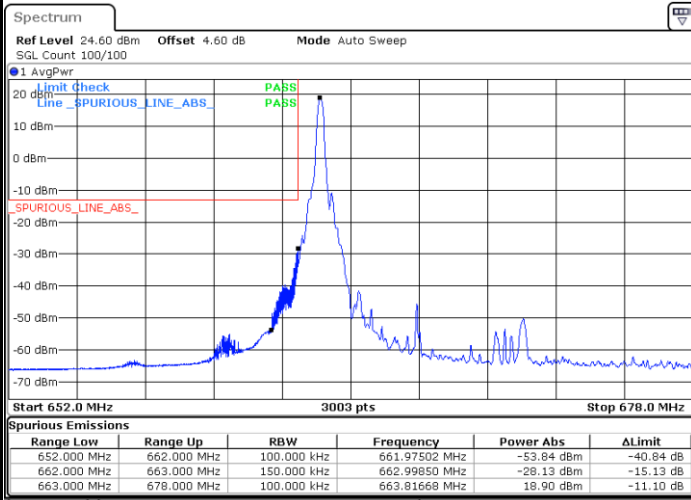


Date: 25.NOV.2021 23:28:08

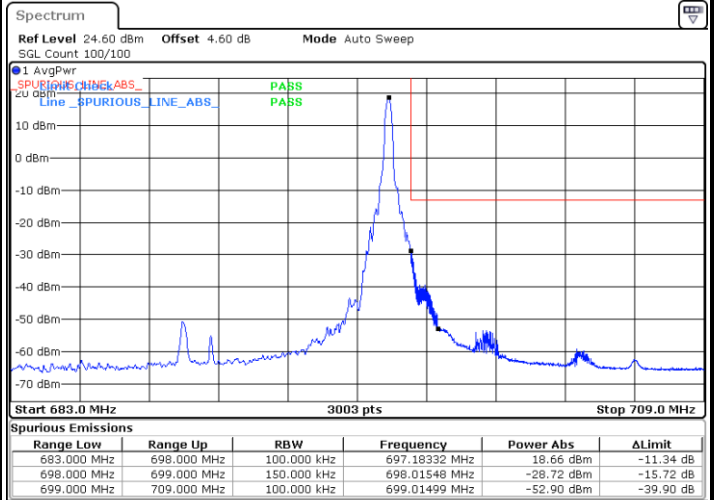


LTE Band 71 / 15MHz / 16QAM

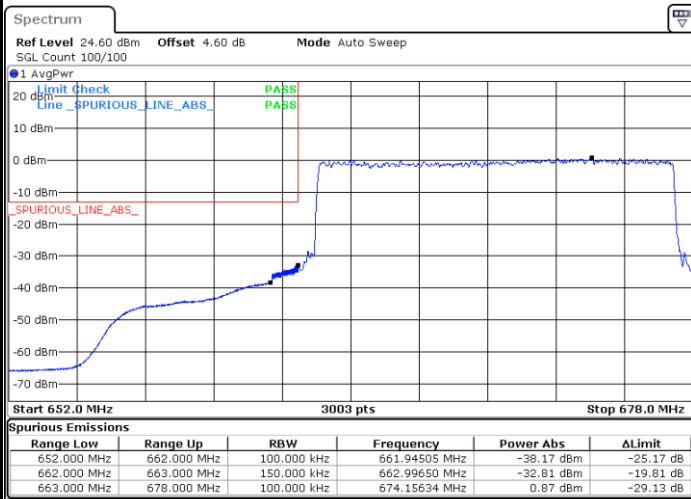
Lowest Band Edge / 1 RB



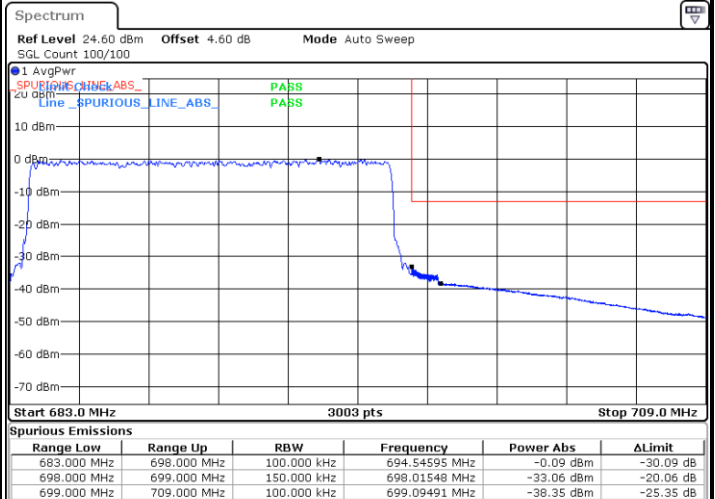
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



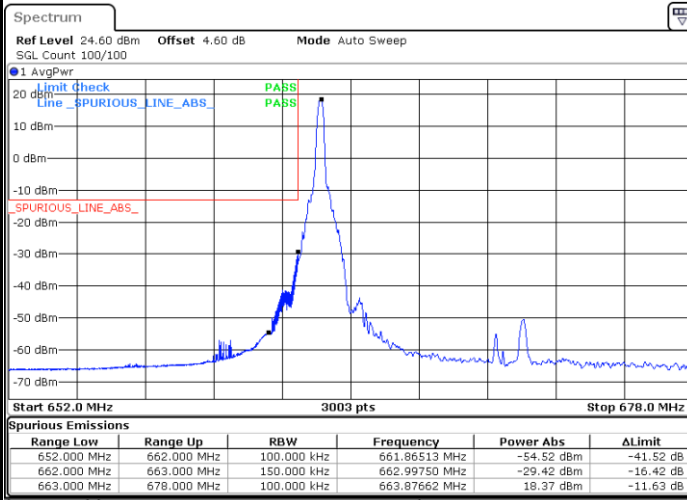
Highest Band Edge / Full RB



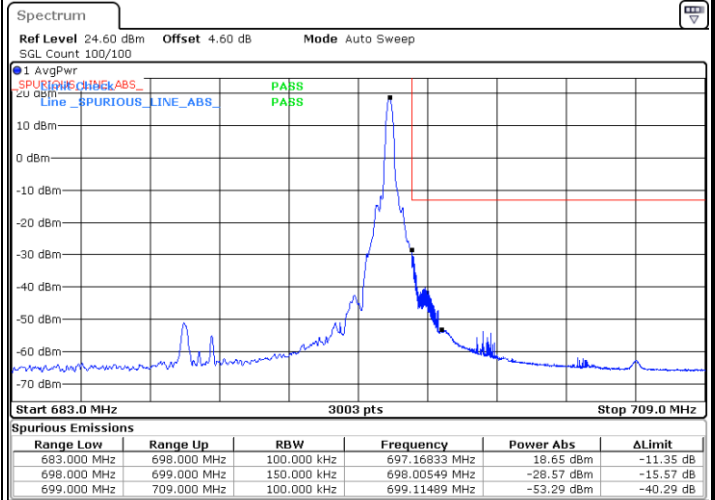


LTE Band 71 / 15MHz / 64QAM

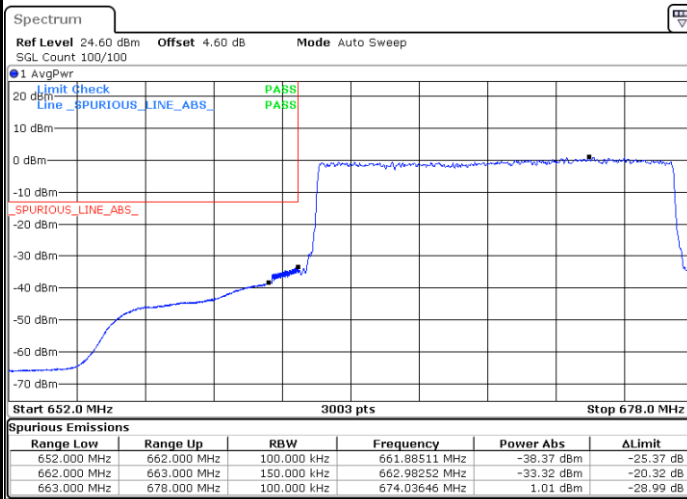
Lowest Band Edge / 1 RB



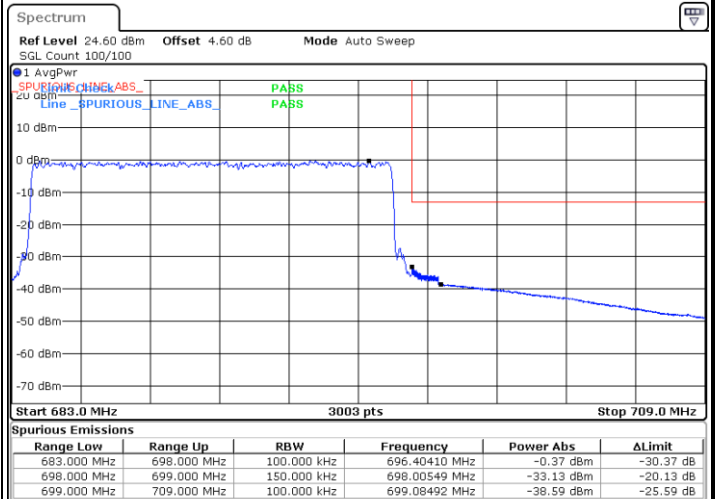
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



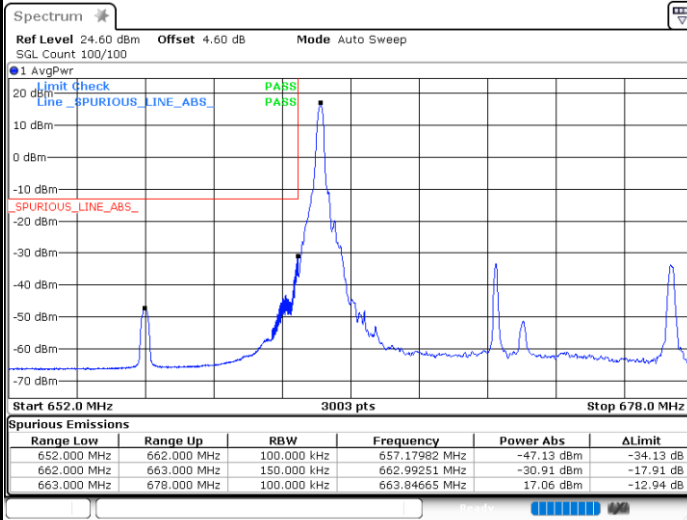
Highest Band Edge / Full RB





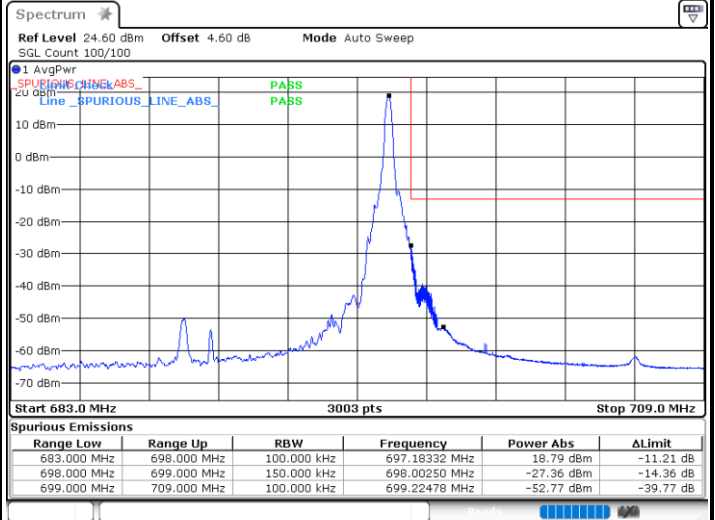
LTE Band 71 / 15MHz / 256QAM

Lowest Band Edge / 1RB



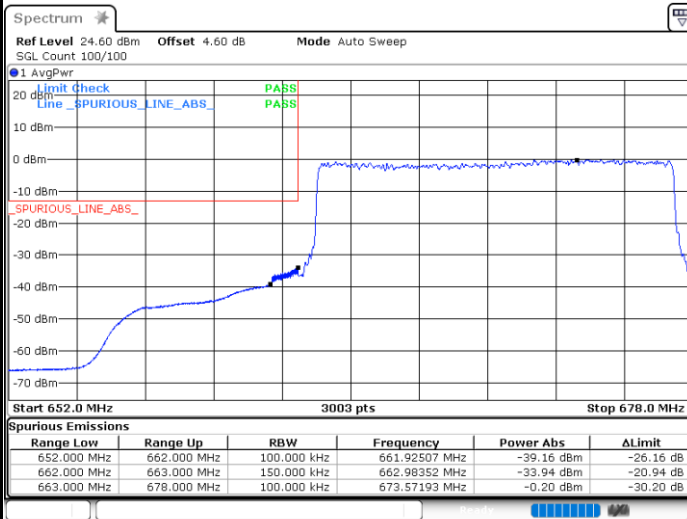
Date: 28.NOV.2021 16:56:12

Highest Band Edge / 1 RB



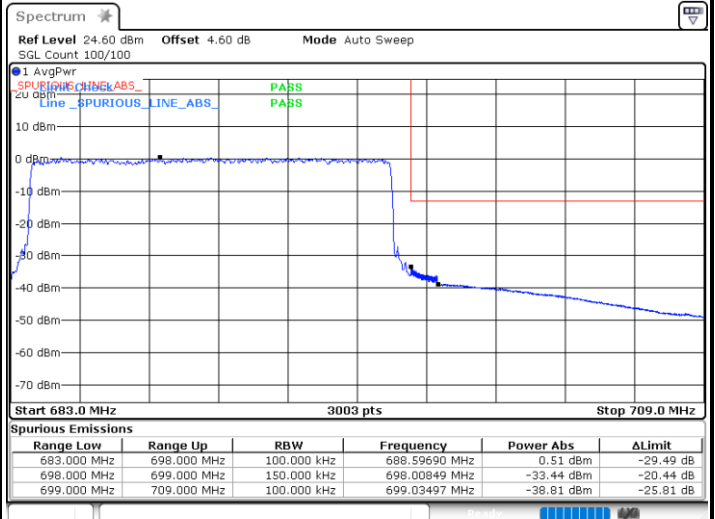
Date: 28.NOV.2021 17:24:13

Lowest Band Edge / Full RB



Date: 28.NOV.2021 16:55:11

Highest Band Edge / Full RB

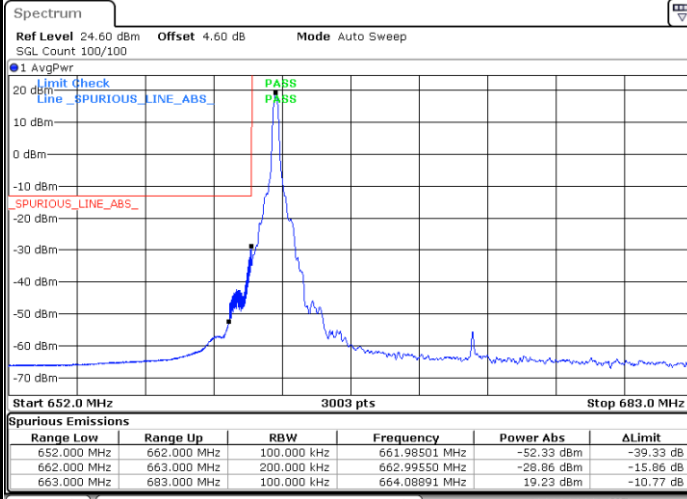


Date: 28.NOV.2021 17:26:10



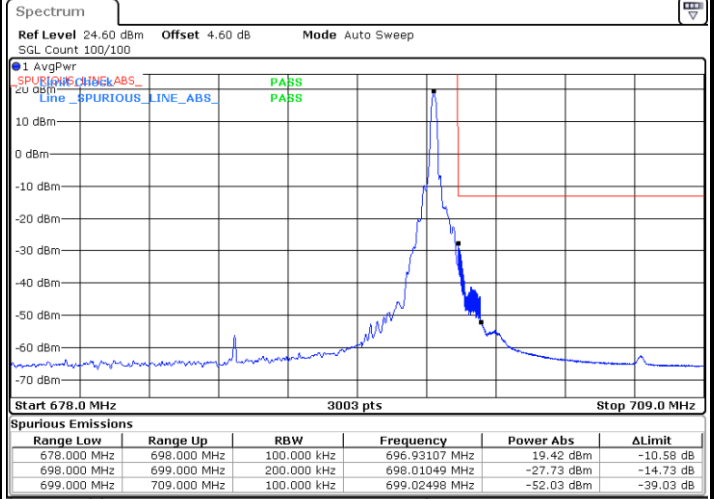
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



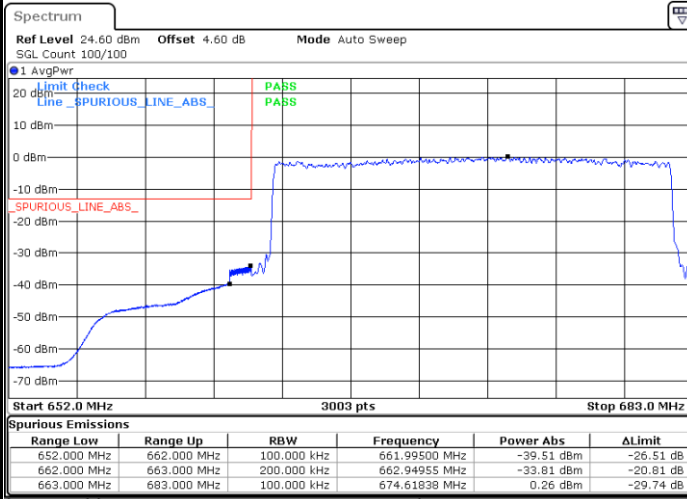
Date: 25.NOV.2021 23:37:12

Highest Band Edge / 1 RB



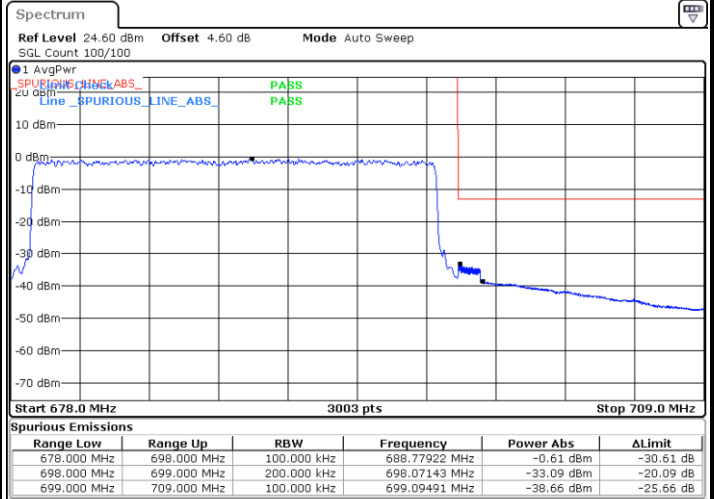
Date: 25.NOV.2021 23:43:15

Lowest Band Edge / Full RB



Date: 25.NOV.2021 23:40:14

Highest Band Edge / Full RB

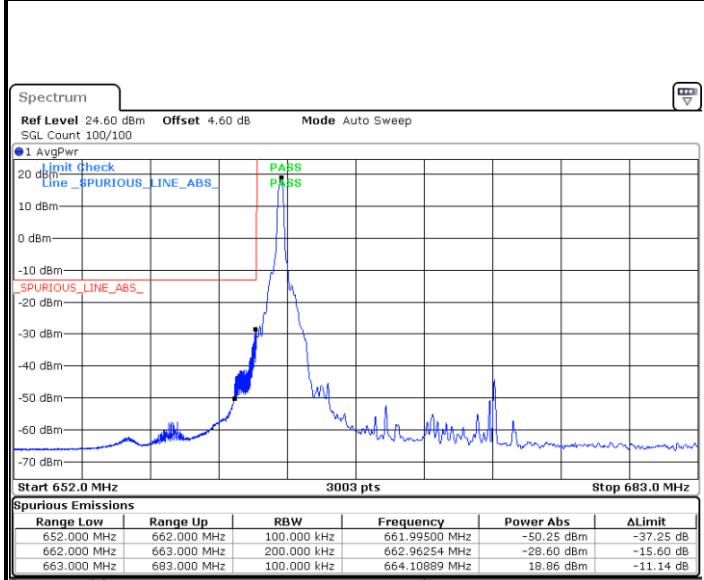


Date: 25.NOV.2021 23:47:47



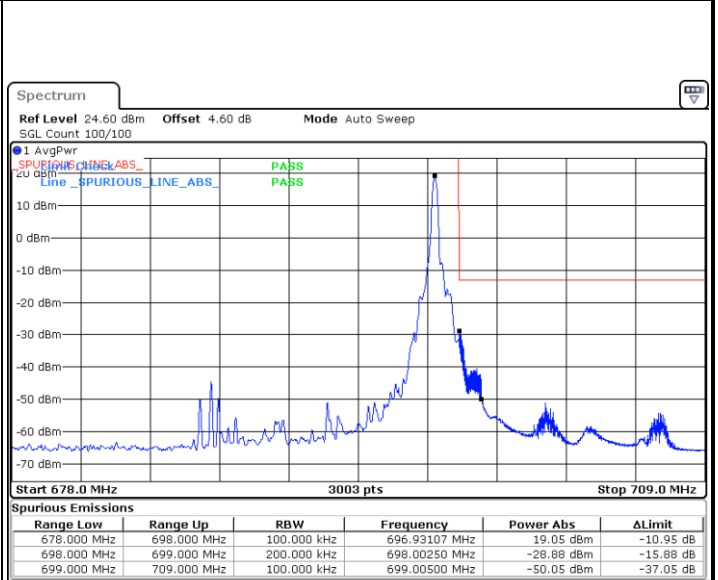
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



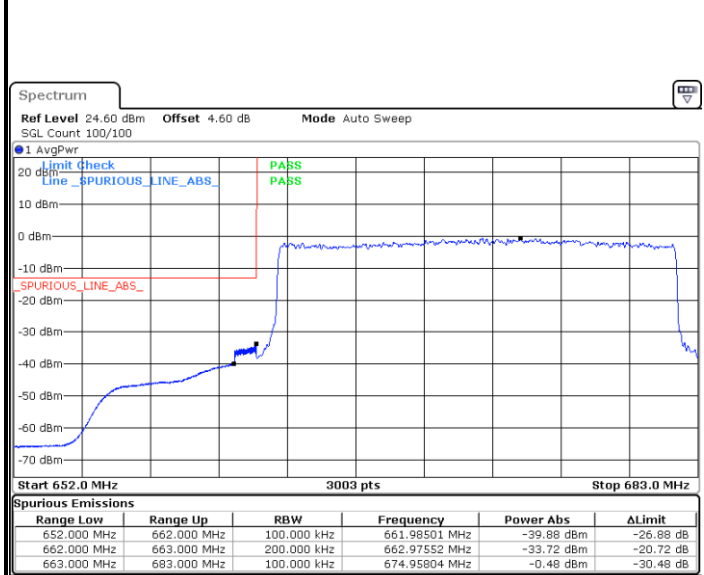
Date: 25.NOV.2021 23:38:43

Highest Band Edge / 1 RB



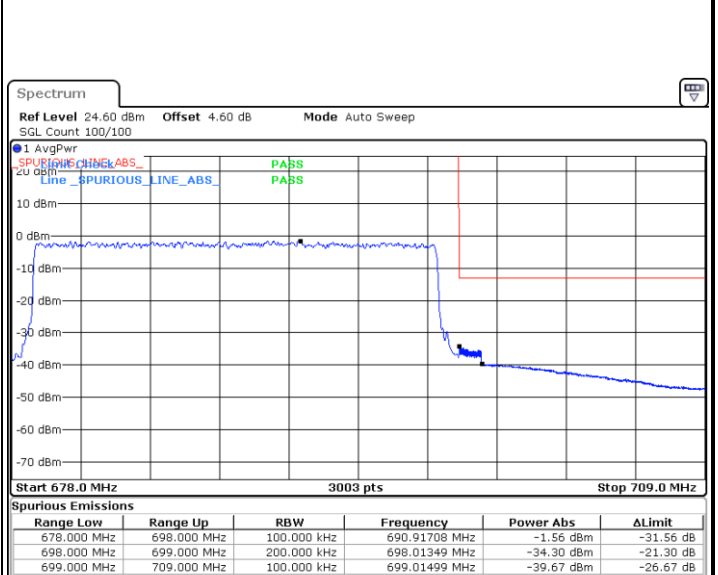
Date: 25.NOV.2021 23:44:46

Lowest Band Edge / Full RB



Date: 25.NOV.2021 23:41:44

Highest Band Edge / Full RB

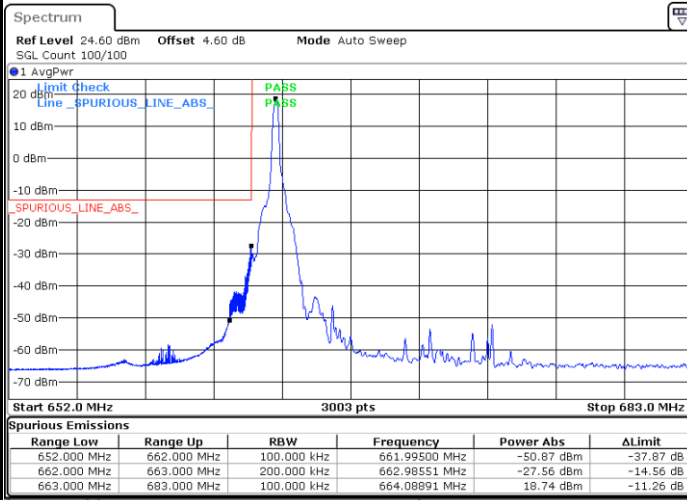


Date: 25.NOV.2021 23:46:16



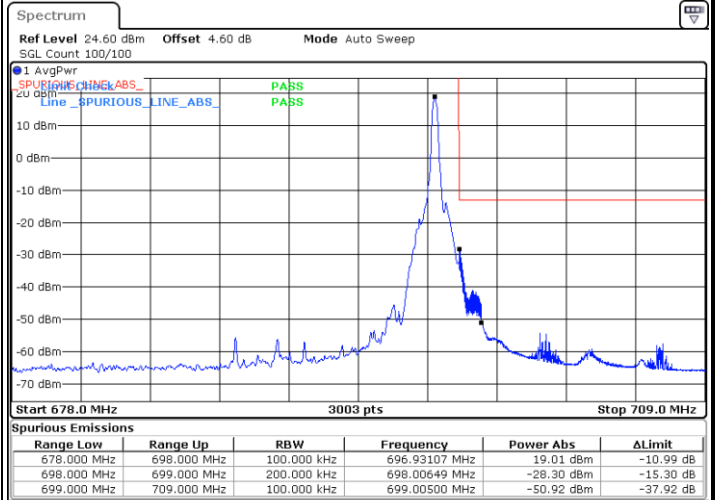
LTE Band 71 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



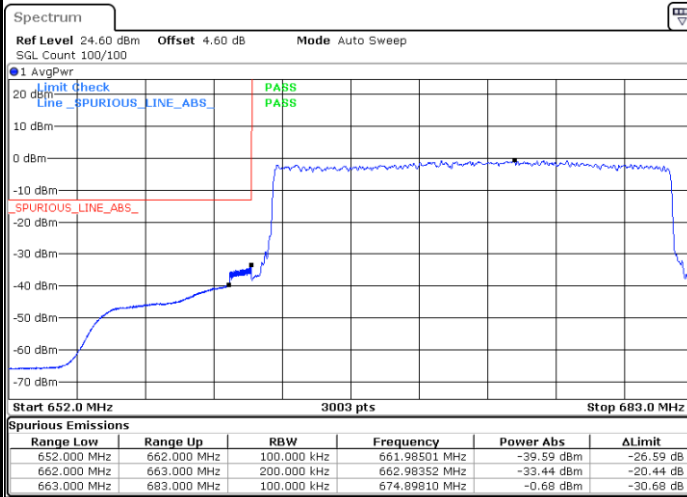
Date: 25.NOV.2021 23:49:17

Highest Band Edge / 1 RB



Date: 25.NOV.2021 23:52:19

Lowest Band Edge / Full RB



Date: 25.NOV.2021 23:50:48

Highest Band Edge / Full RB

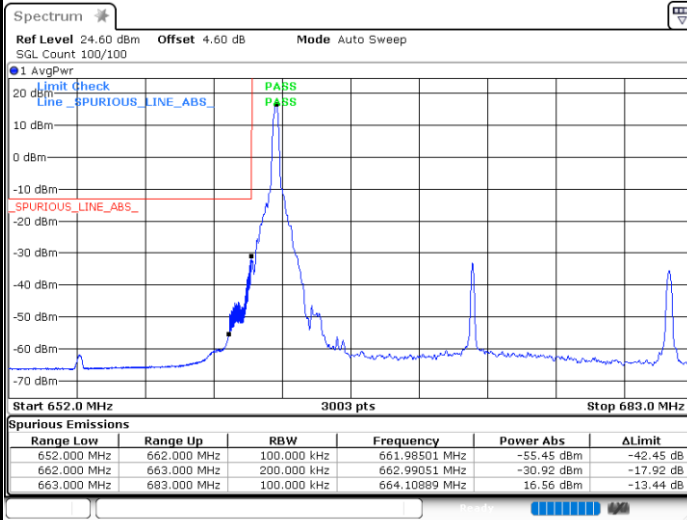


Date: 25.NOV.2021 23:53:49



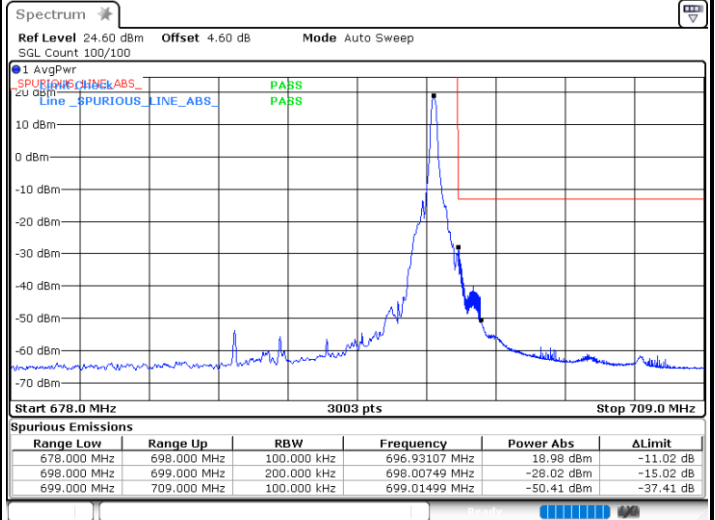
LTE Band 71 / 20MHz / 256QAM

Lowest Band Edge / 1RB



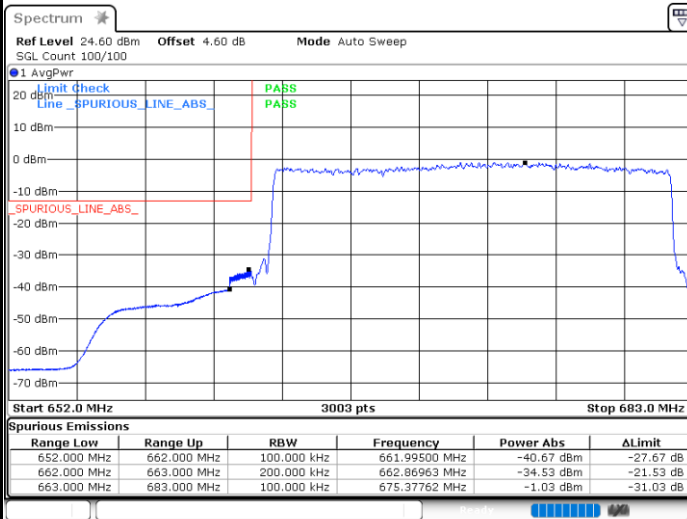
Date: 28.NOV.2021 17:29:21

Highest Band Edge / 1 RB



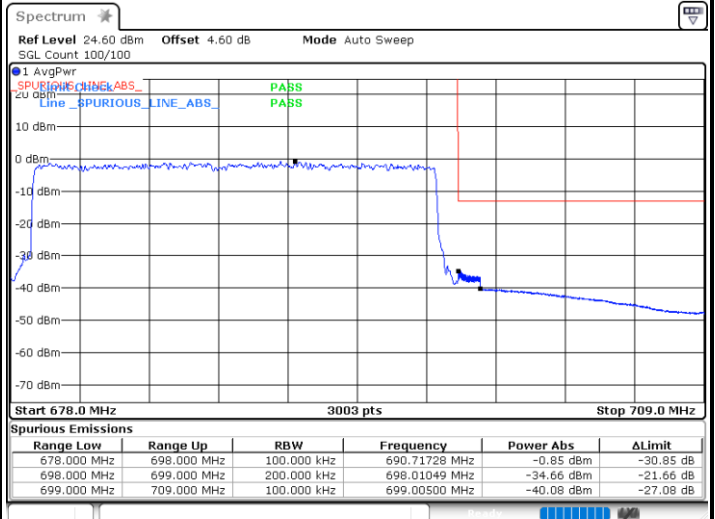
Date: 28.NOV.2021 17:30:46

Lowest Band Edge / Full RB



Date: 28.NOV.2021 17:27:42

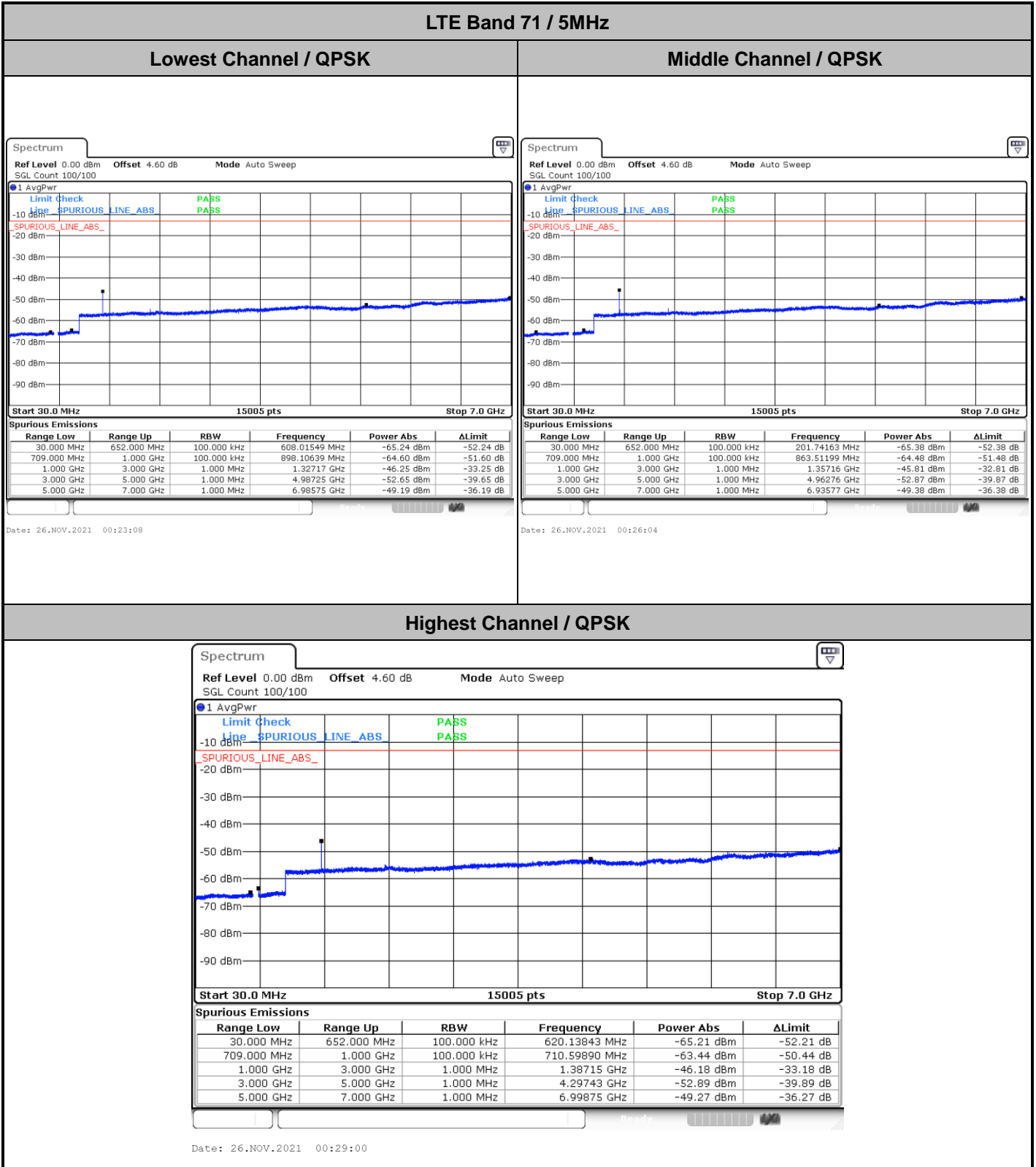
Highest Band Edge / Full RB



Date: 28.NOV.2021 17:31:40



Conducted Spurious Emission

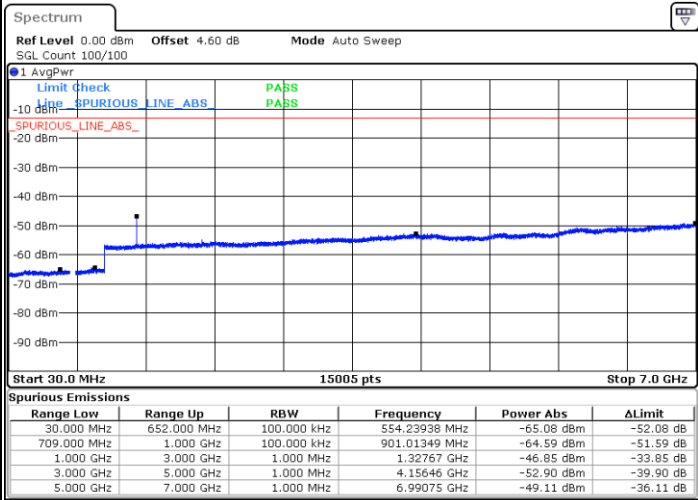




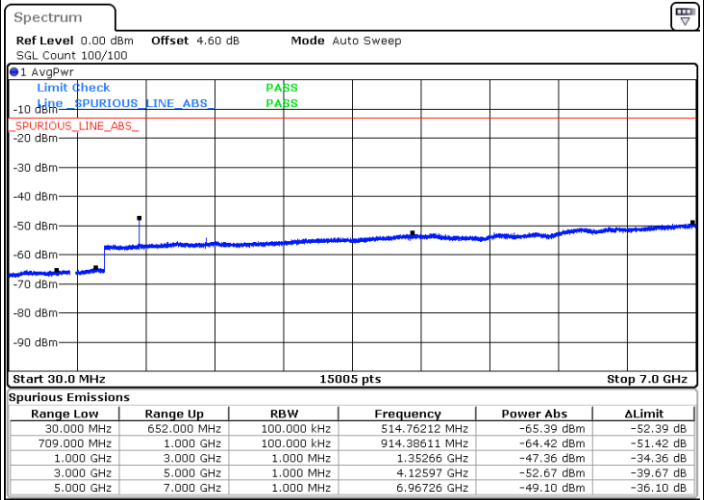
LTE Band 71 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

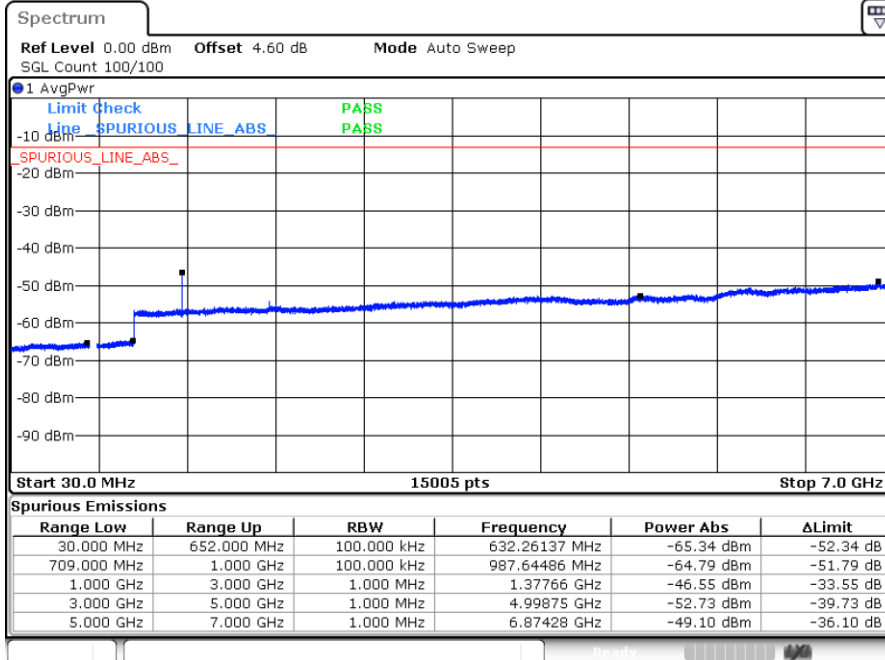


Date: 26.NOV.2021 00:14:20



Date: 26.NOV.2021 00:17:16

Highest Channel / QPSK



Date: 26.NOV.2021 00:20:12