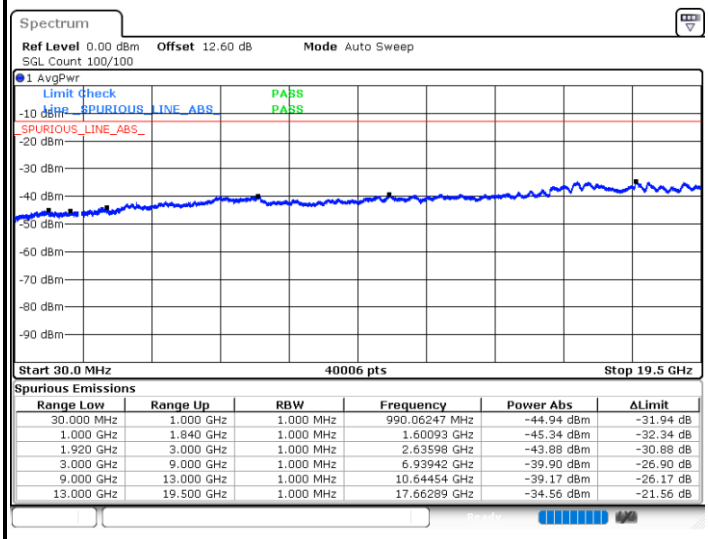
LTE Band 2 / 10MHz

Lowest Channel / QPSK

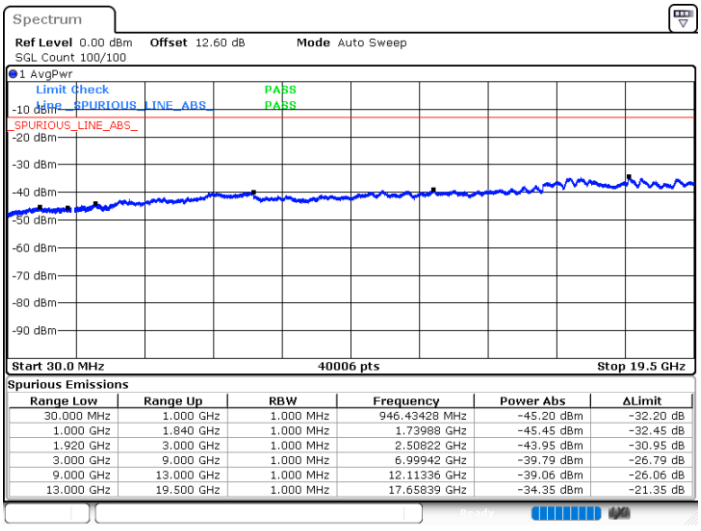


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.06247 MHz	-44.94 dBm	-31.94 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60093 GHz	-45.34 dBm	-32.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63598 GHz	-43.88 dBm	-30.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93942 GHz	-39.90 dBm	-26.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.64454 GHz	-39.17 dBm	-26.17 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66289 GHz	-34.56 dBm	-21.56 dB

Date: 16.JUN.2022 16:14:09

Middle Channel / QPSK

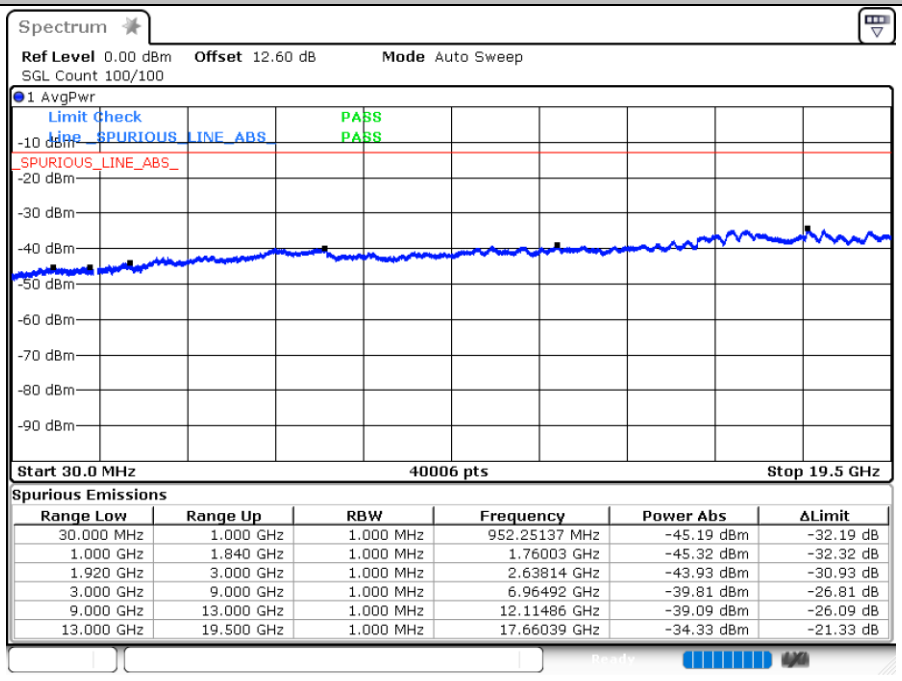


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.43428 MHz	-45.20 dBm	-32.20 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73988 GHz	-45.45 dBm	-32.45 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50822 GHz	-43.95 dBm	-30.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-39.79 dBm	-26.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11336 GHz	-39.06 dBm	-26.06 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.65839 GHz	-34.35 dBm	-21.35 dB

Date: 16.JUN.2022 16:13:27

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-45.19 dBm	-32.19 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.76003 GHz	-45.32 dBm	-32.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.63814 GHz	-43.93 dBm	-30.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96492 GHz	-39.81 dBm	-26.81 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11486 GHz	-39.09 dBm	-26.09 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66039 GHz	-34.33 dBm	-21.33 dB

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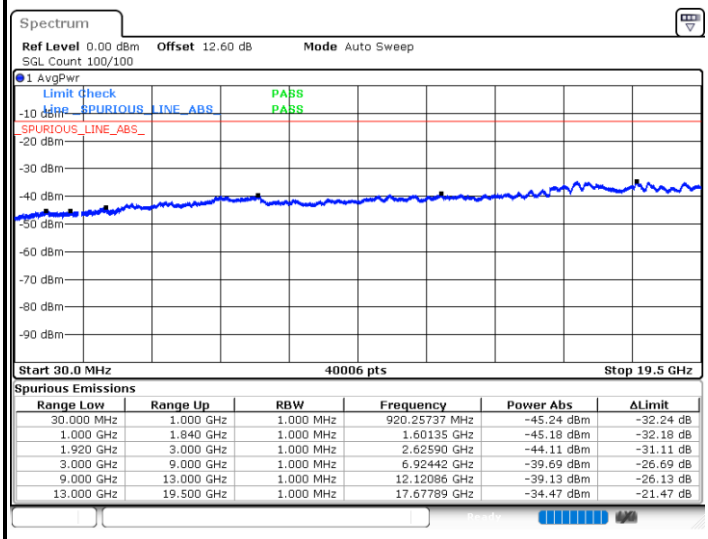
LTE Band 2 / 15MHz

Lowest Channel / QPSK

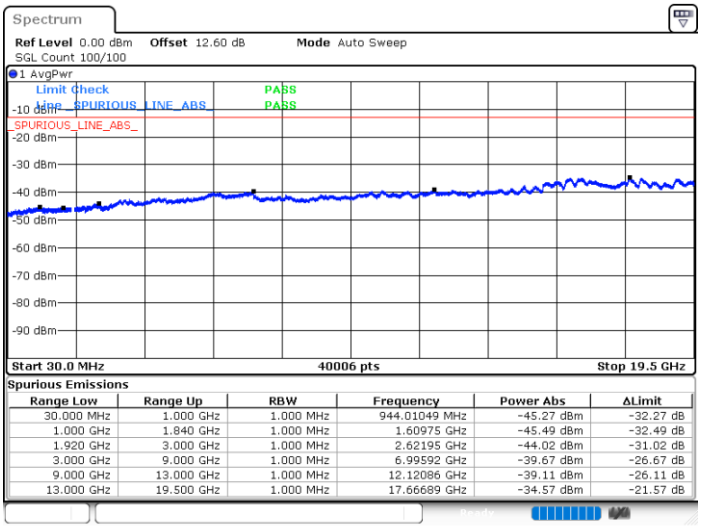


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-45.24 dBm	-32.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60135 GHz	-45.18 dBm	-32.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.62590 GHz	-44.11 dBm	-31.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92442 GHz	-39.69 dBm	-26.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12086 GHz	-39.13 dBm	-26.13 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.67789 GHz	-34.47 dBm	-21.47 dB

Date: 16.JUN.2022 16:23:11

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-45.27 dBm	-32.27 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.60975 GHz	-45.49 dBm	-32.49 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.62195 GHz	-44.02 dBm	-31.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99592 GHz	-39.67 dBm	-26.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.12086 GHz	-39.11 dBm	-26.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66689 GHz	-34.57 dBm	-21.57 dB

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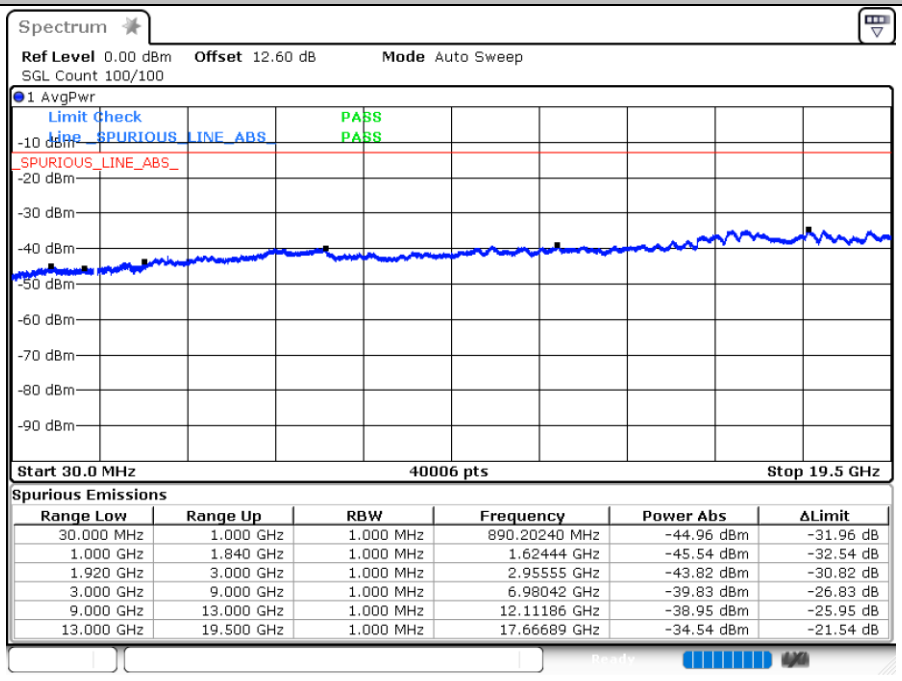
Highest Channel / QPSK



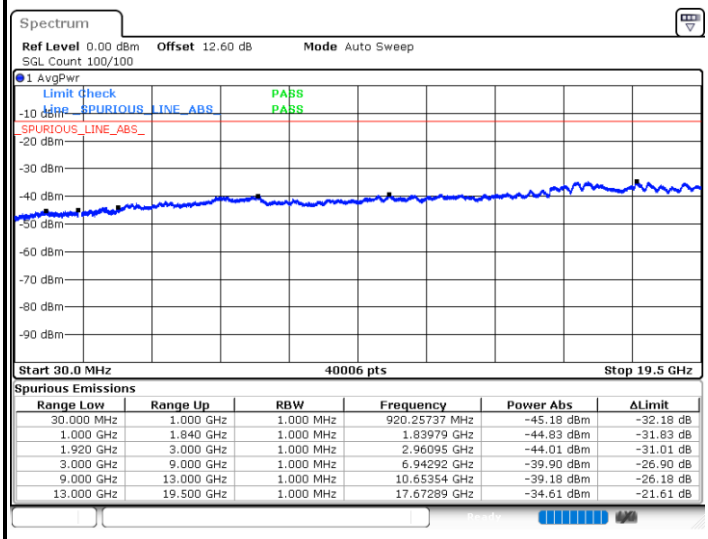
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	890.20240 MHz	-44.96 dBm	-31.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62444 GHz	-45.54 dBm	-32.54 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95555 GHz	-43.82 dBm	-30.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98042 GHz	-39.83 dBm	-26.83 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.11186 GHz	-38.95 dBm	-25.95 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66689 GHz	-34.54 dBm	-21.54 dB

Date: 16.JUN.2022 16:21:48

LTE Band 2 / 20MHz

Lowest Channel / QPSK

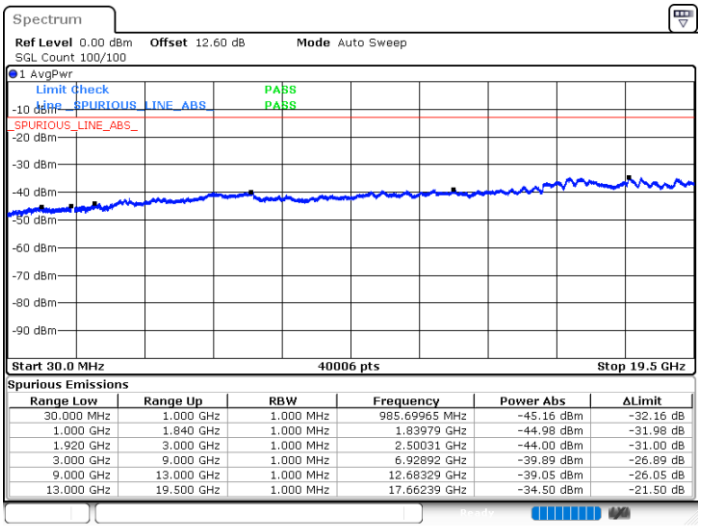


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-45.18 dBm	-32.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.83 dBm	-31.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96095 GHz	-44.01 dBm	-31.01 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94292 GHz	-39.90 dBm	-26.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.65354 GHz	-39.18 dBm	-26.18 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.67289 GHz	-34.61 dBm	-21.61 dB

Date: 16.JUN.2022 16:36:05

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-45.16 dBm	-32.16 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.98 dBm	-31.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.50031 GHz	-44.00 dBm	-31.00 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92892 GHz	-39.89 dBm	-26.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.68329 GHz	-39.05 dBm	-26.05 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.66239 GHz	-34.50 dBm	-21.50 dB

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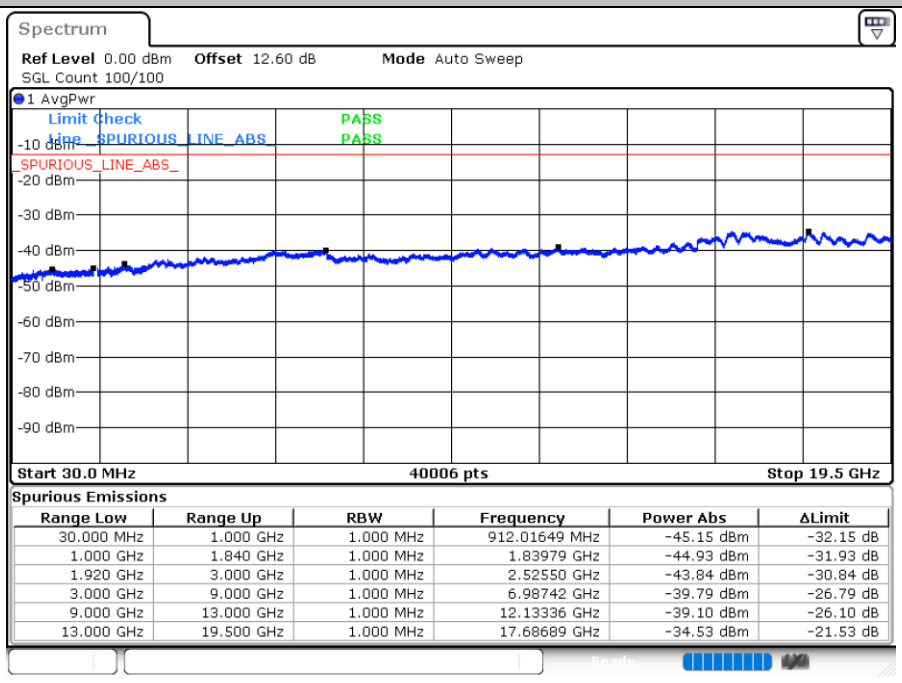
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.01649 MHz	-45.15 dBm	-32.15 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-44.93 dBm	-31.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.52550 GHz	-43.84 dBm	-30.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98742 GHz	-39.79 dBm	-26.79 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.13336 GHz	-39.10 dBm	-26.10 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.68689 GHz	-34.53 dBm	-21.53 dB

Date: 16.JUN.2022 16:37:32

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.

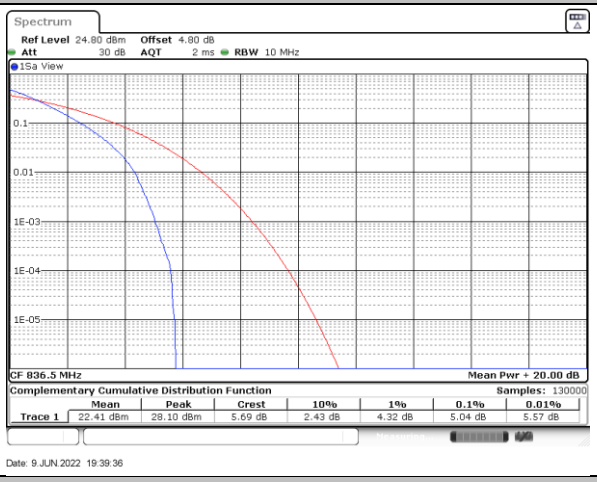
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 5

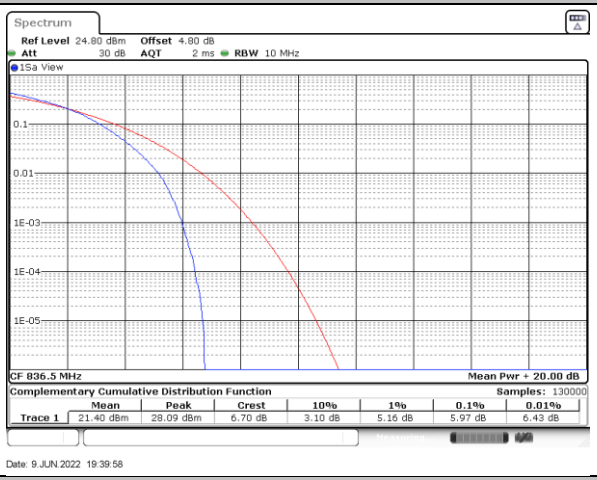
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.04	5.97	6.64	PASS

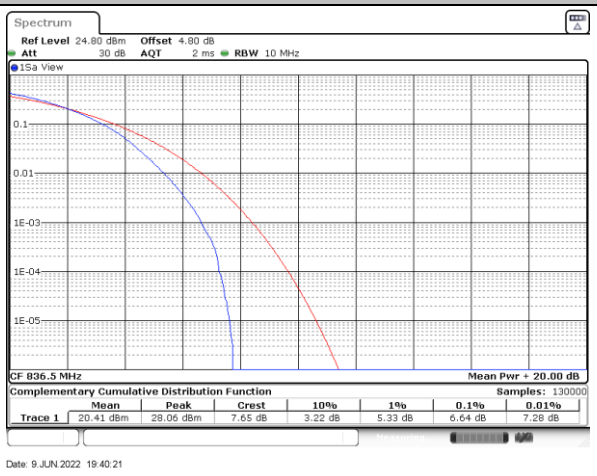
LTE Band 5 / 10MHz
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM

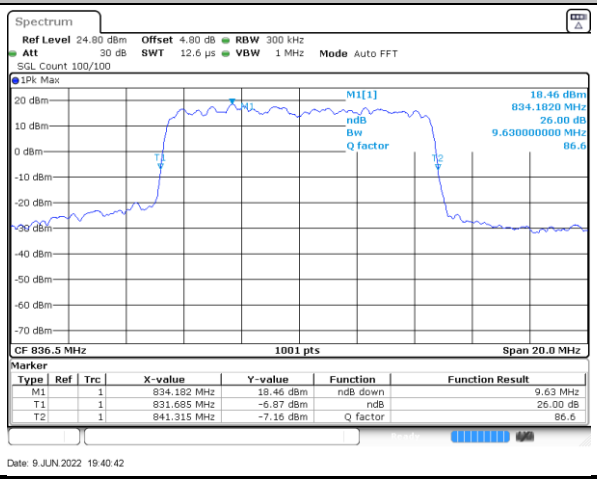


26dB Bandwidth

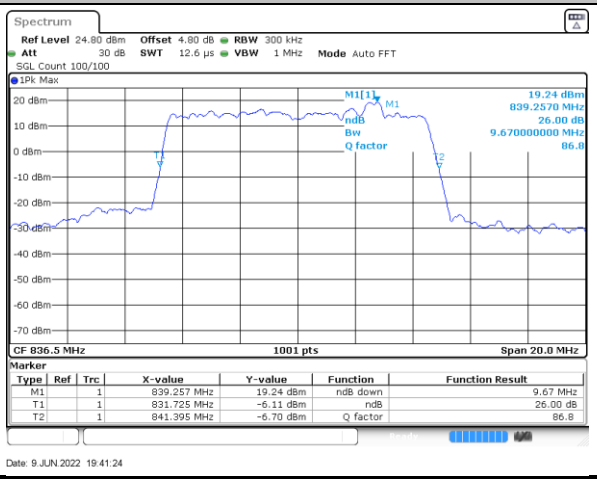
Mode	LTE Band 5 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.63	9.67

LTE Band 5

Middle Channel / 10MHz / QPSK



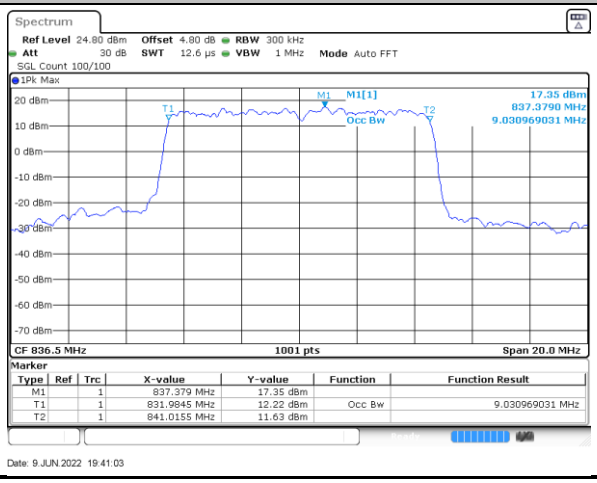
Middle Channel / 10MHz / 16QAM

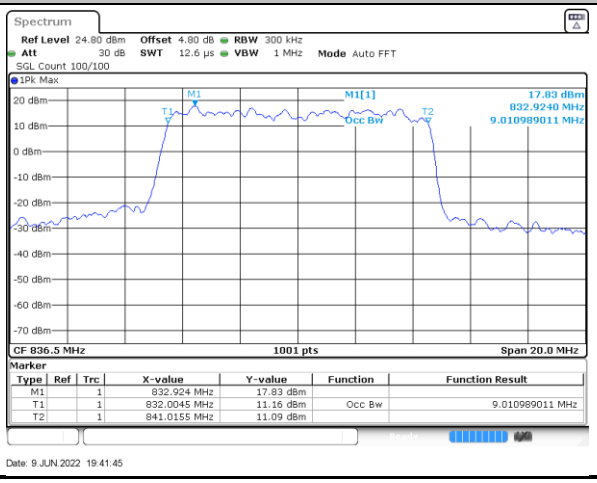


Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	9.01

LTE Band 5	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM

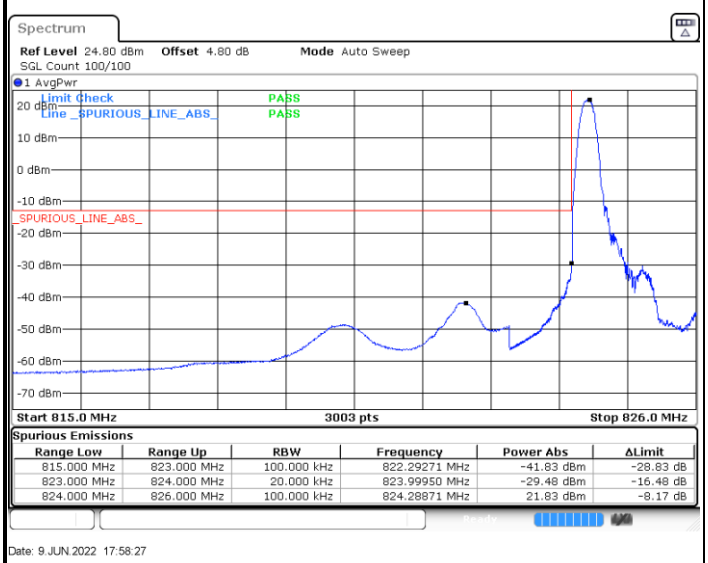




Conducted Band Edge

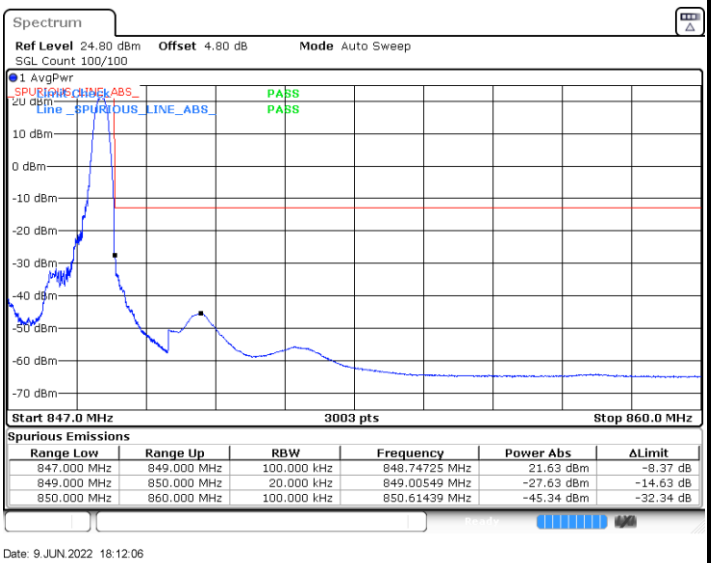
LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



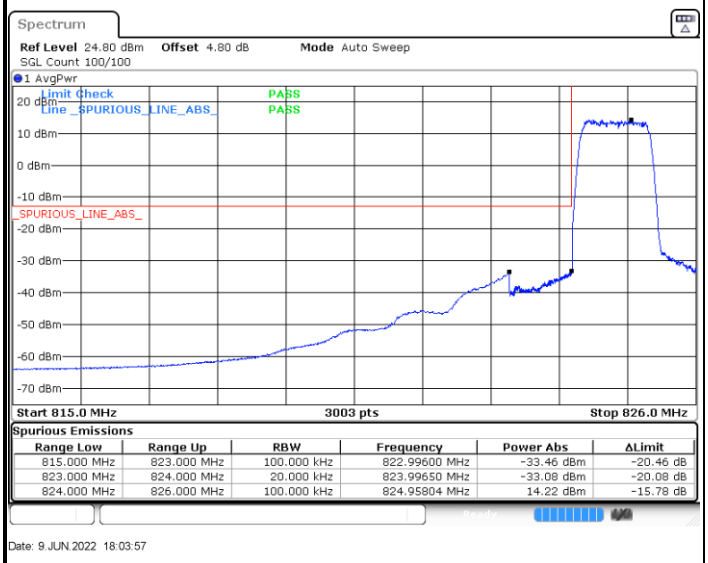
Date: 9.JUN.2022 17:58:27

Highest Band Edge / 1RB



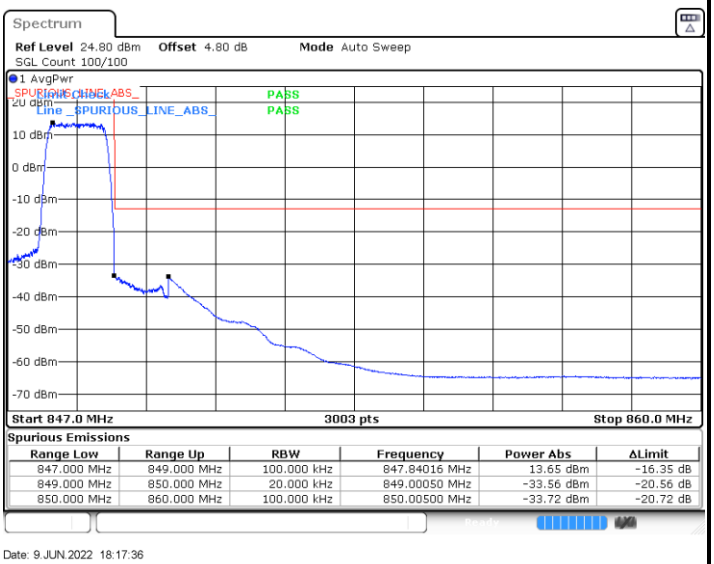
Date: 9.JUN.2022 18:12:06

Lowest Band Edge / Full RB



Date: 9.JUN.2022 18:03:57

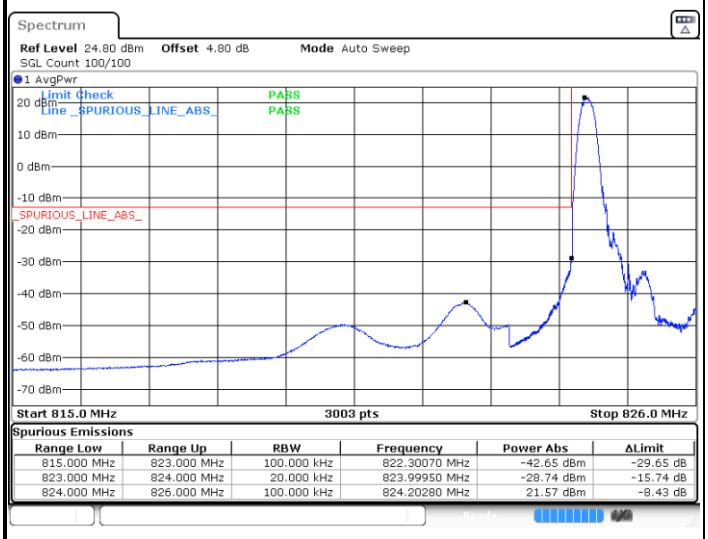
Highest Band Edge / Full RB



Date: 9.JUN.2022 18:17:36

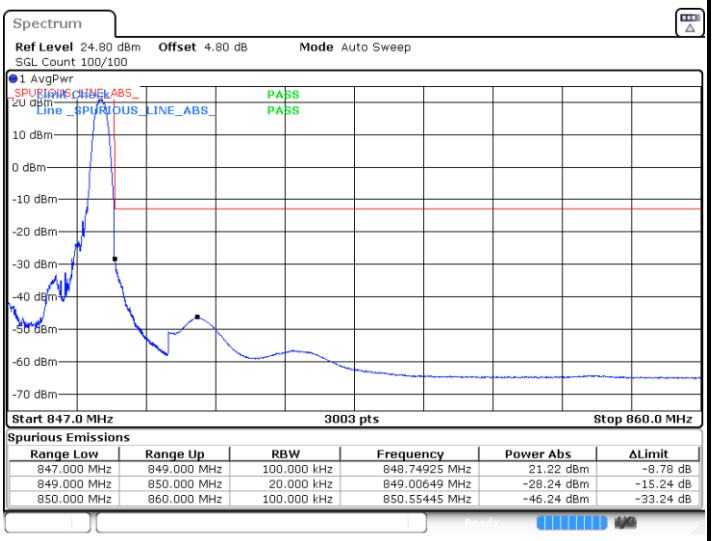
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



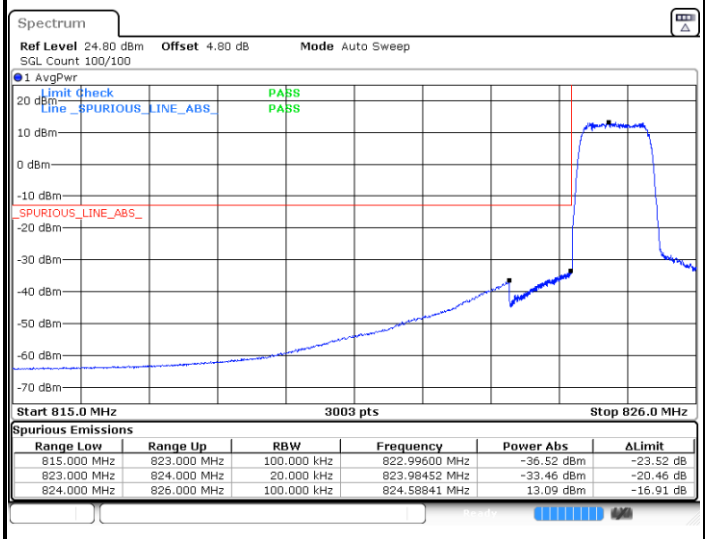
Date: 9.JUN.2022 18:00:17

Highest Band Edge / 1 RB



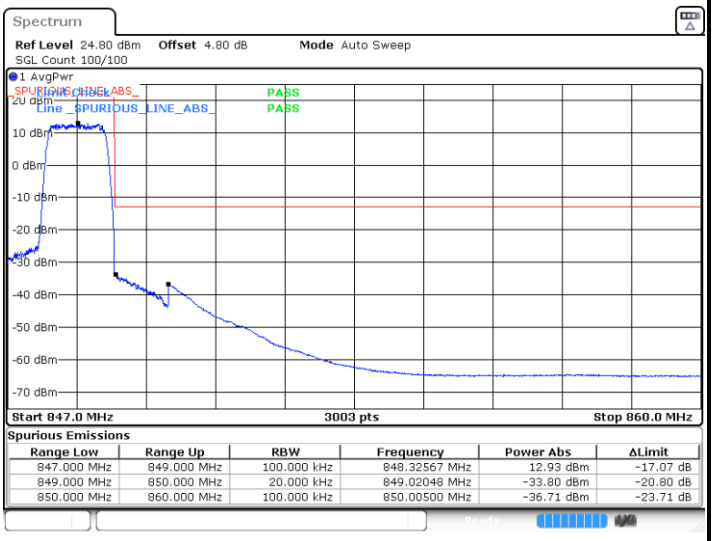
Date: 9.JUN.2022 18:13:56

Lowest Band Edge / Full RB



Date: 9.JUN.2022 18:05:47

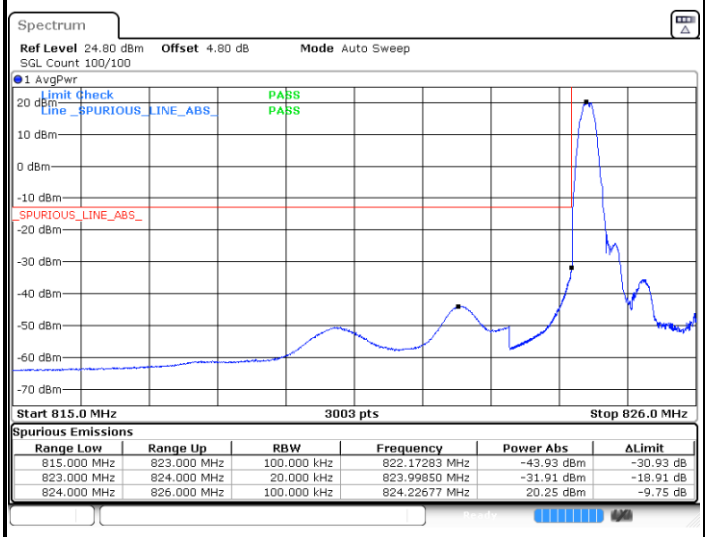
Highest Band Edge / Full RB



Date: 9.JUN.2022 18:19:26

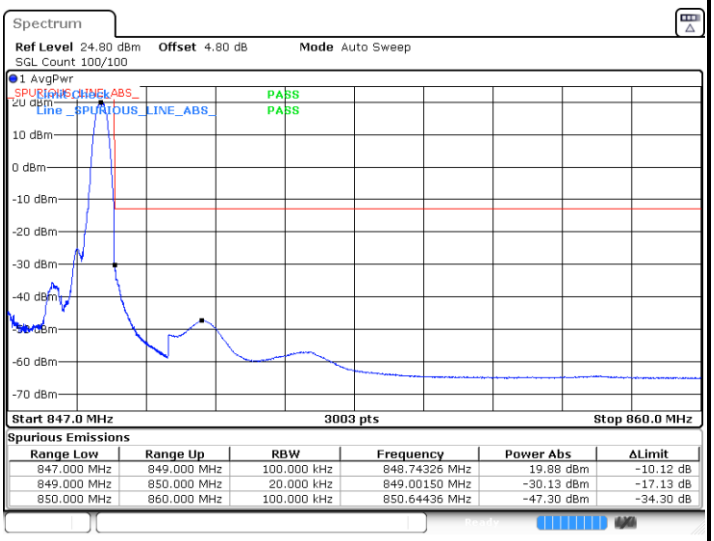
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



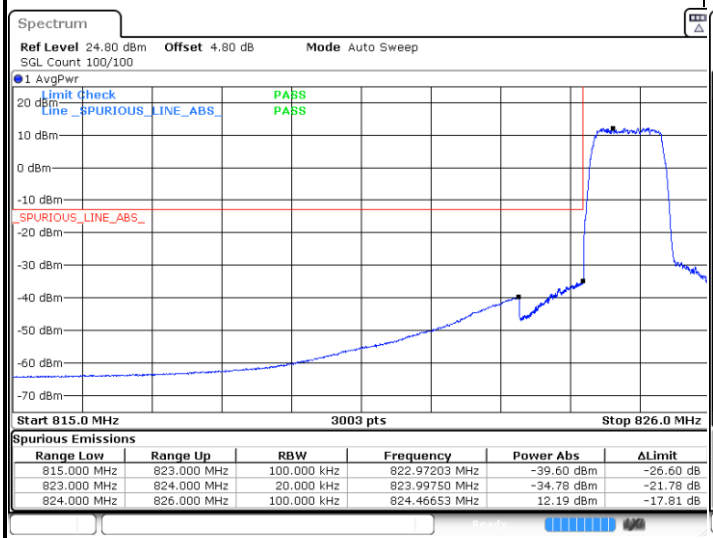
Date: 9.JUN.2022 18:02:07

Highest Band Edge / 1 RB



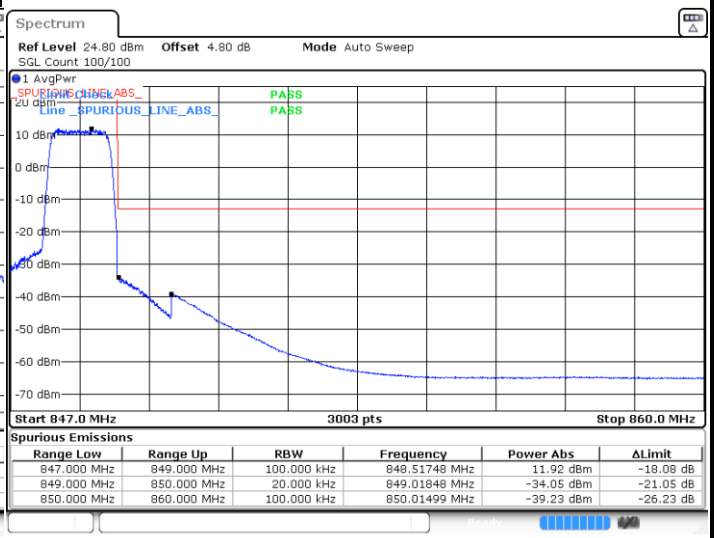
Date: 9.JUN.2022 18:15:46

Lowest Band Edge / Full RB

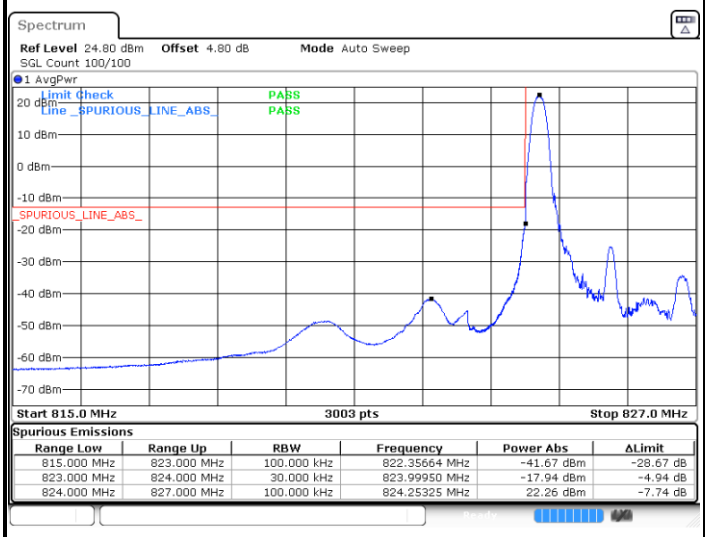
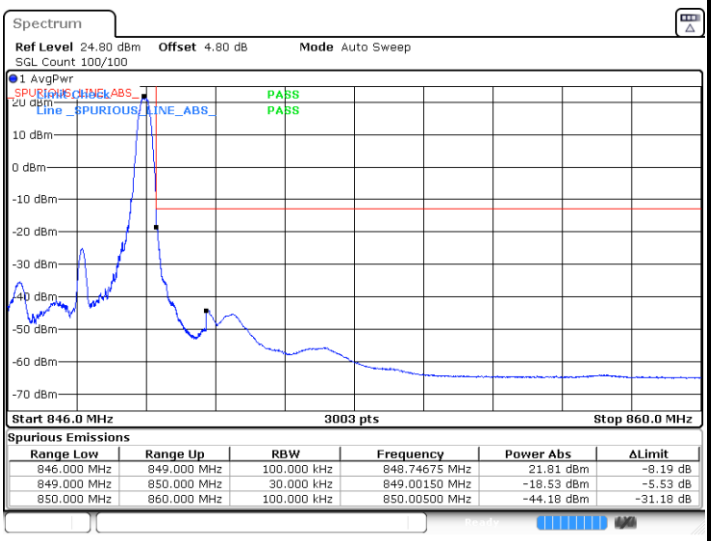
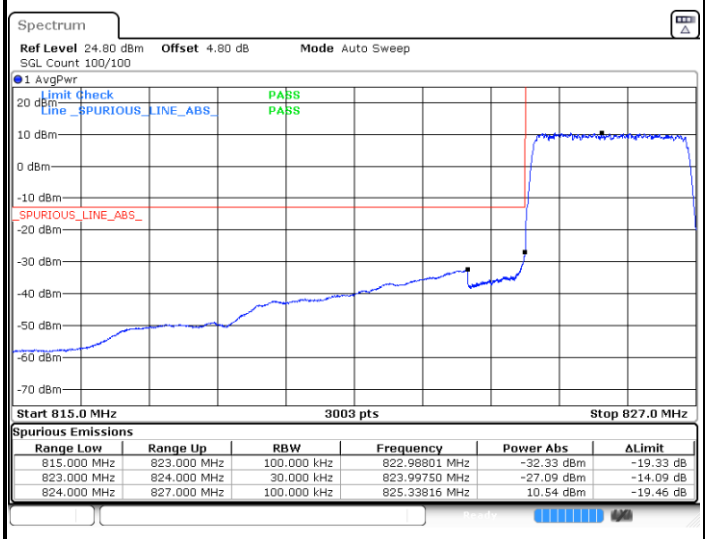
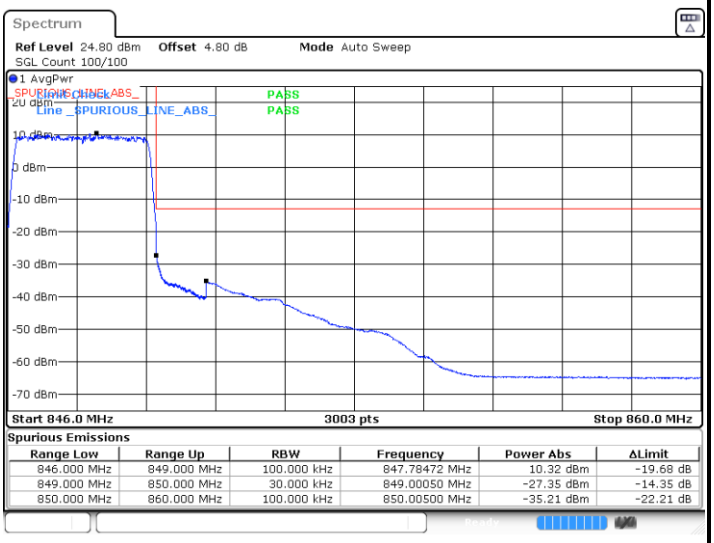


Date: 9.JUN.2022 18:07:37

Highest Band Edge / Full RB

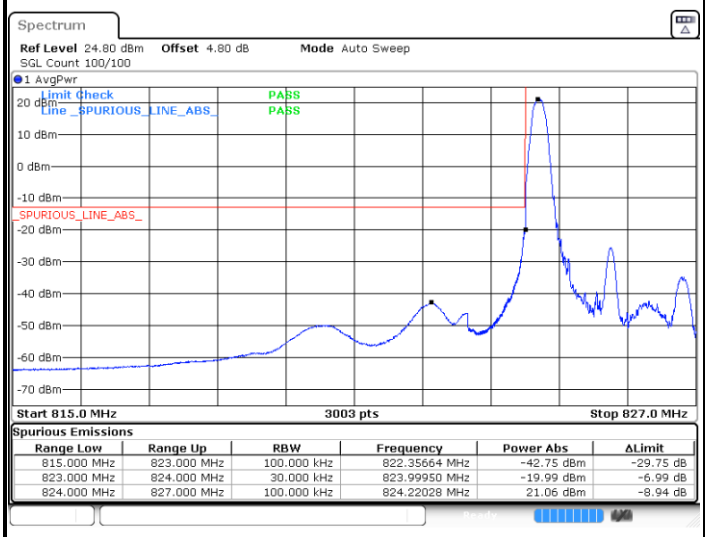


Date: 9.JUN.2022 18:21:16

LTE Band 5 / 3MHz / QPSK	
Lowest Band Edge / 1RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

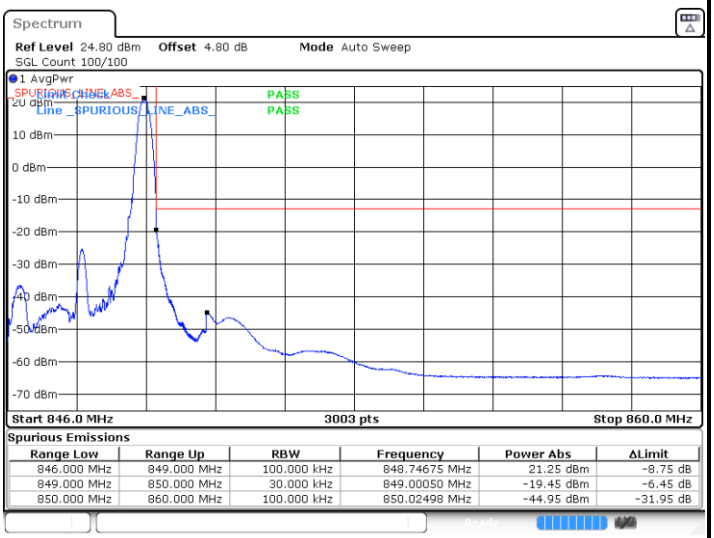
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 9.JUN.2022 18:26:17

Highest Band Edge /1 RB



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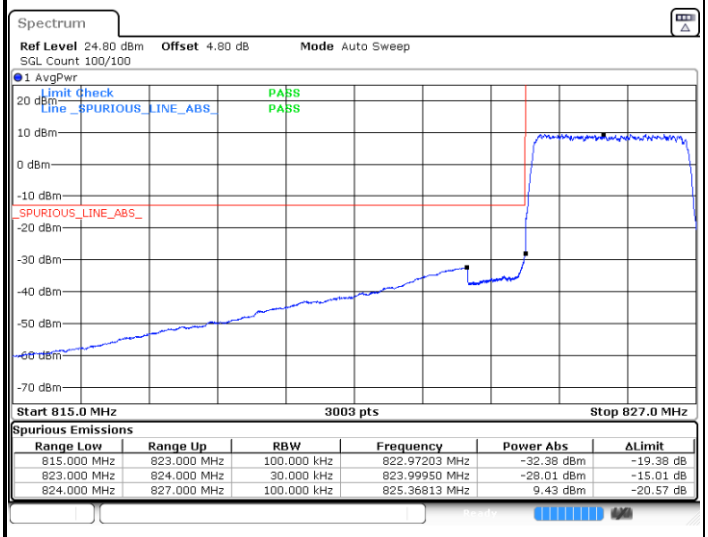
Lowest Band Edge / Full RB



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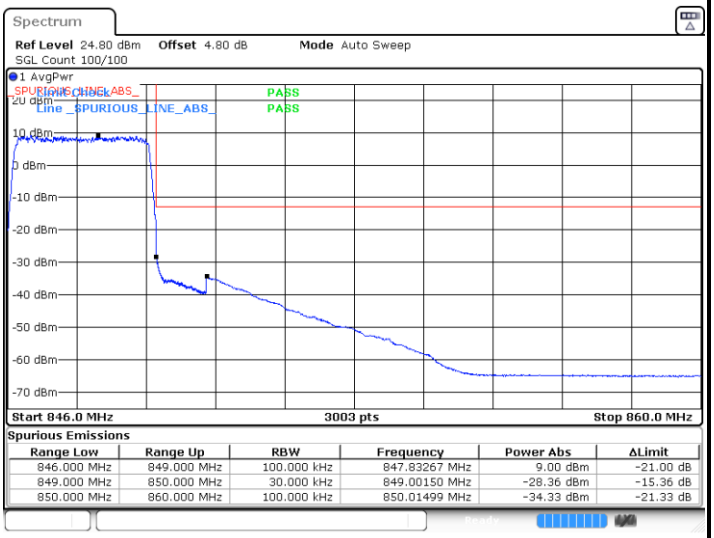
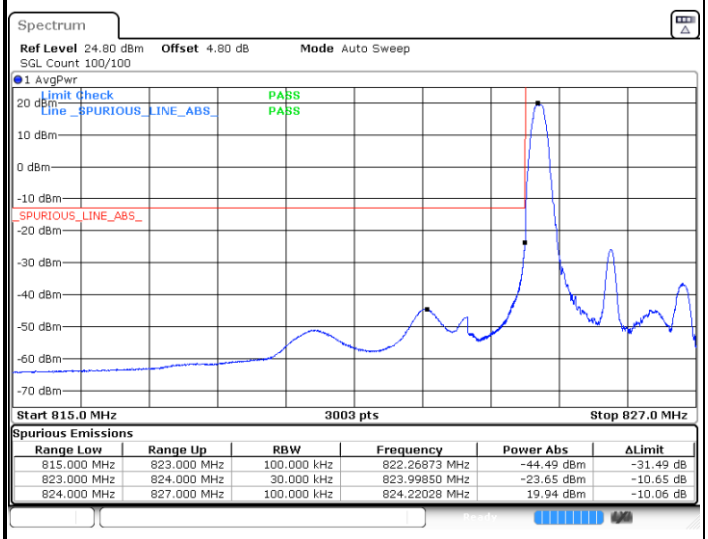
Highest Band Edge / Full RB



Date: 9.JUN.2022 18:45:26

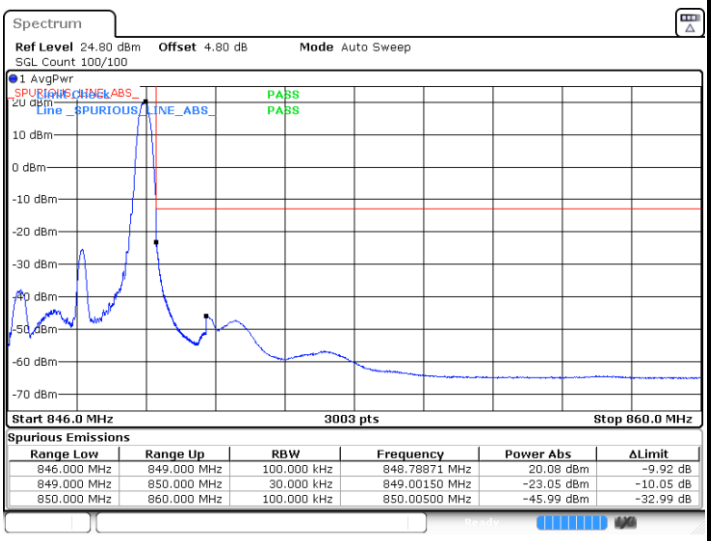
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



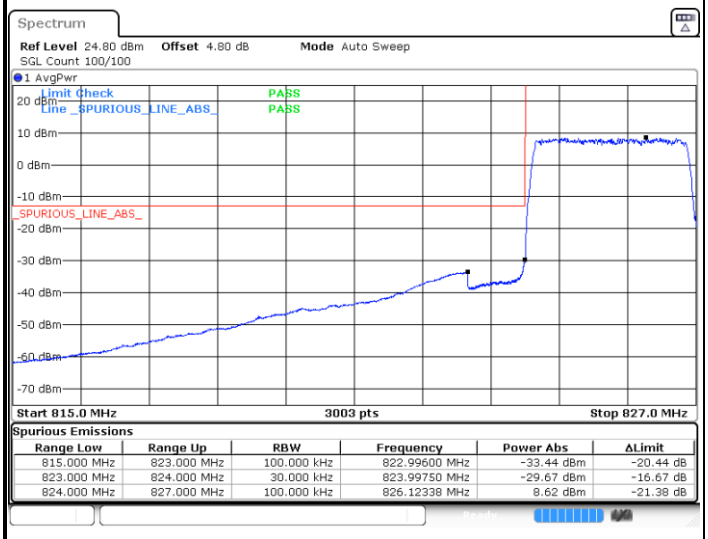
Date: 9.JUN.2022 18:28:06

Highest Band Edge /1 RB



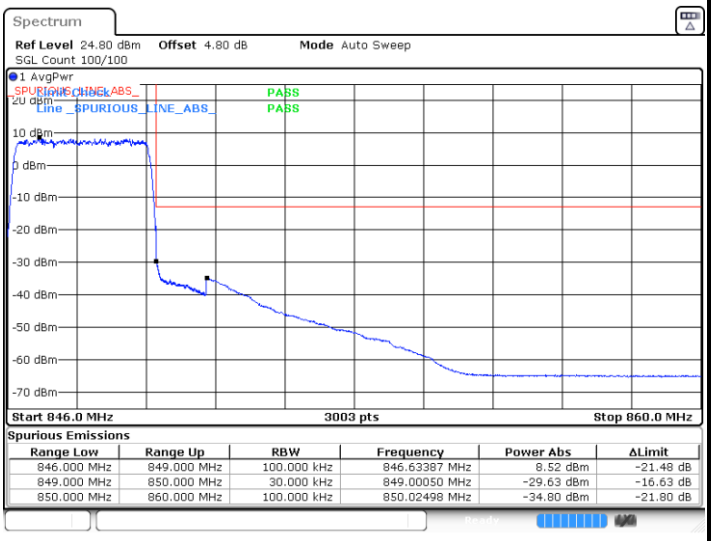
Date: 9.JUN.2022 18:41:46

Lowest Band Edge / Full RB

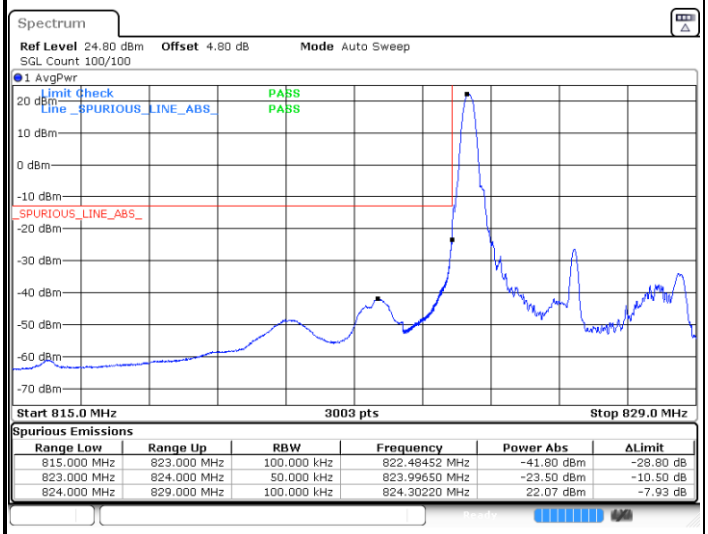
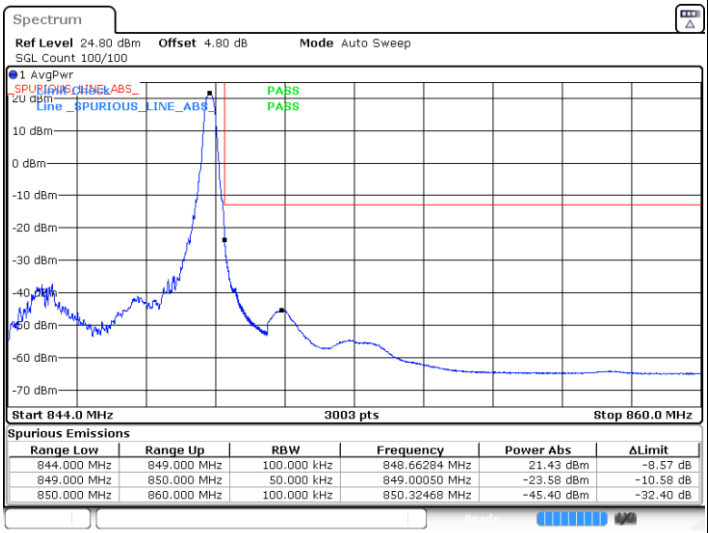
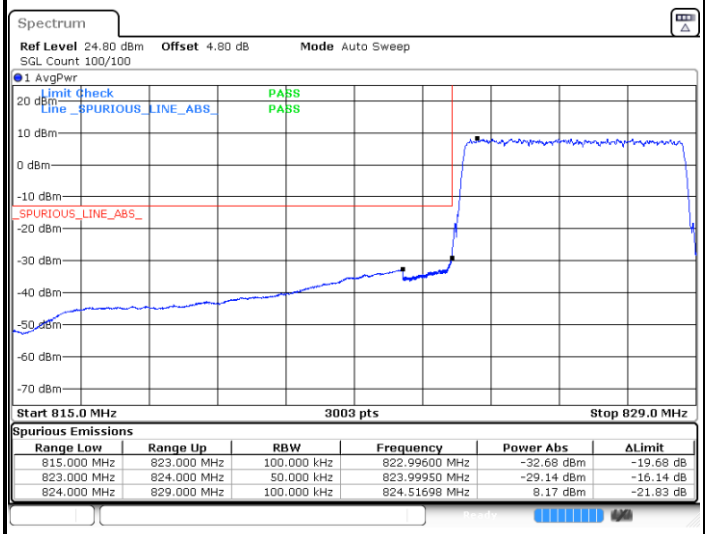
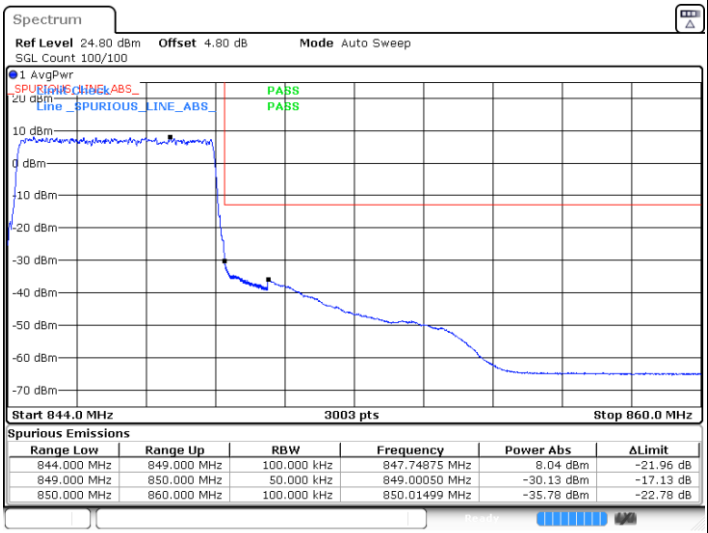


Date: 9.JUN.2022 18:33:36

Highest Band Edge / Full RB

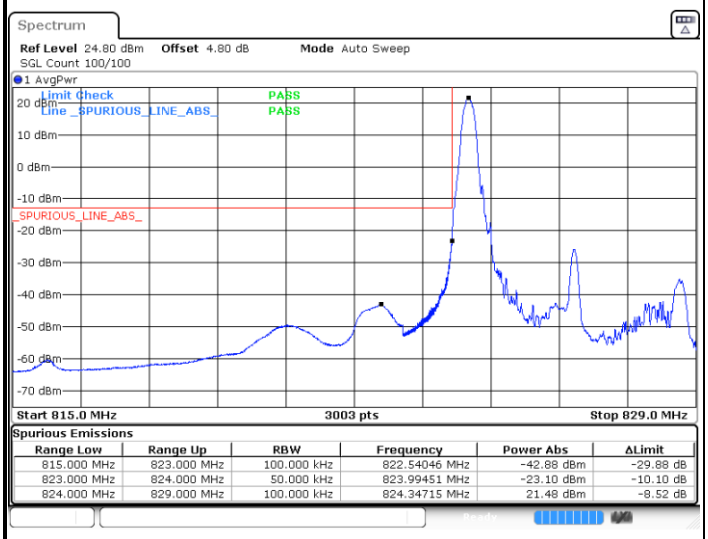


Date: 9.JUN.2022 18:47:16

LTE Band 5 / 5MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

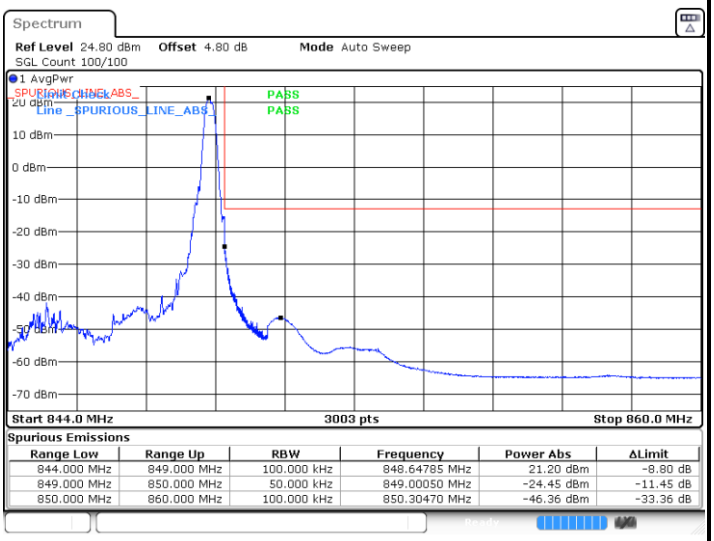
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



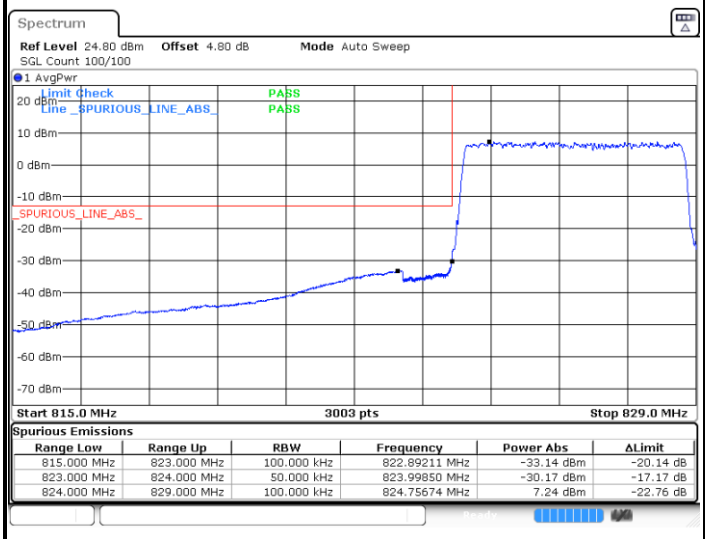
Date: 9.JUN.2022 18:52:16

Highest Band Edge / 1 RB



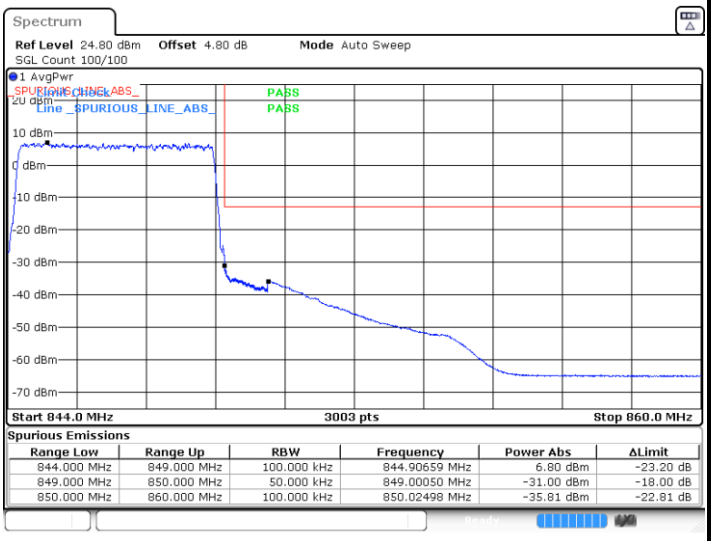
Date: 9.JUN.2022 19:05:55

Lowest Band Edge / Full RB



Date: 9.JUN.2022 18:57:45

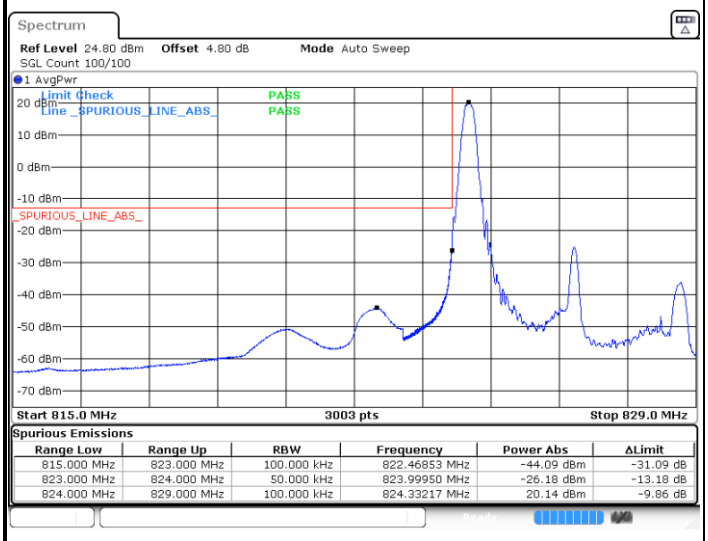
Highest Band Edge / Full RB



Date: 9.JUN.2022 19:11:24

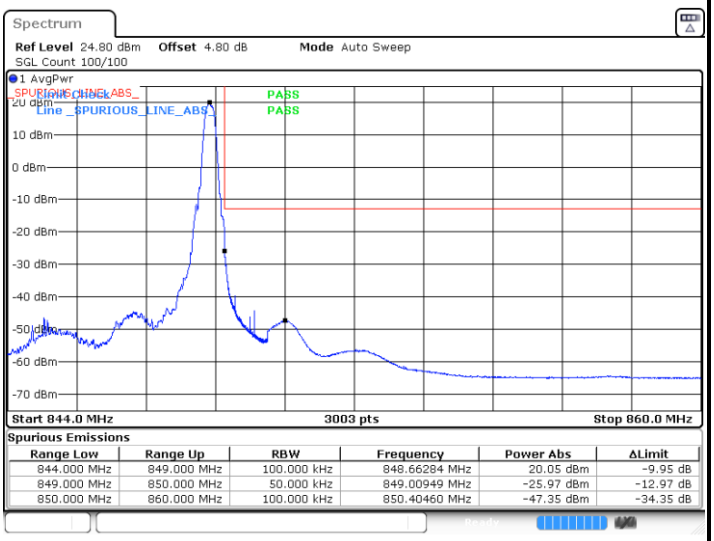
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



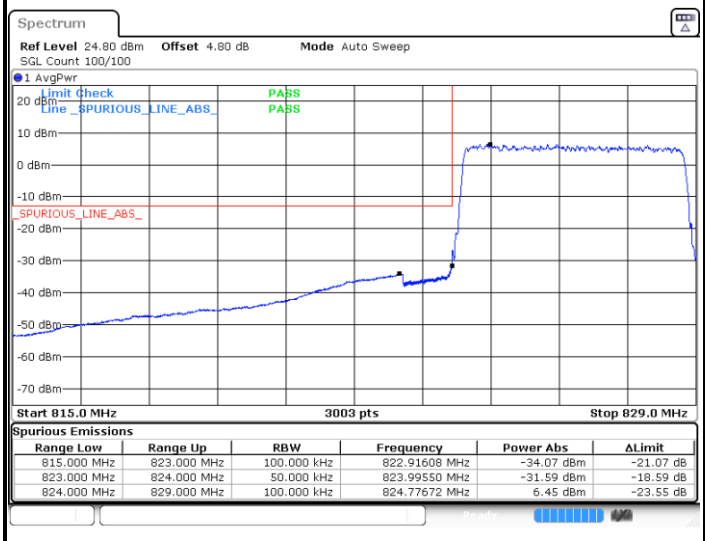
Date: 9.JUN.2022 18:54:06

Highest Band Edge / 1 RB



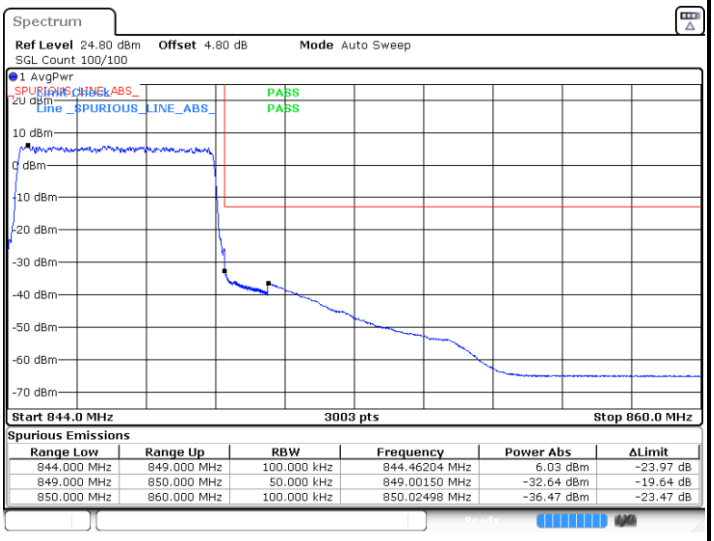
Date: 9.JUN.2022 19:07:44

Lowest Band Edge / Full RB

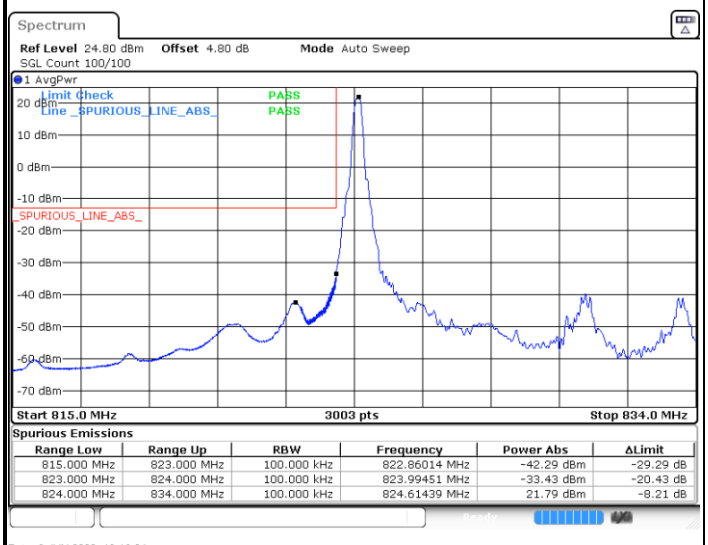
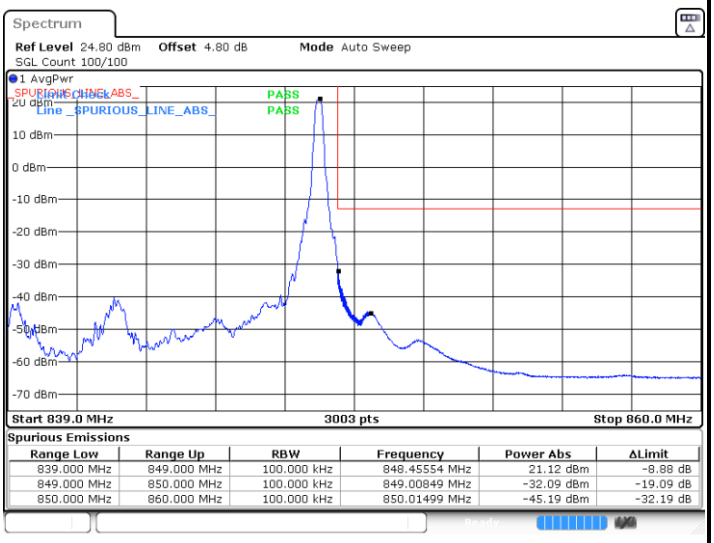
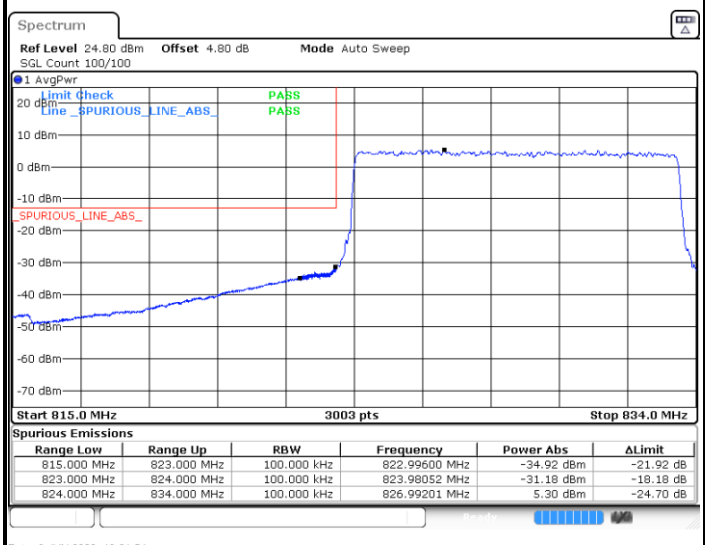
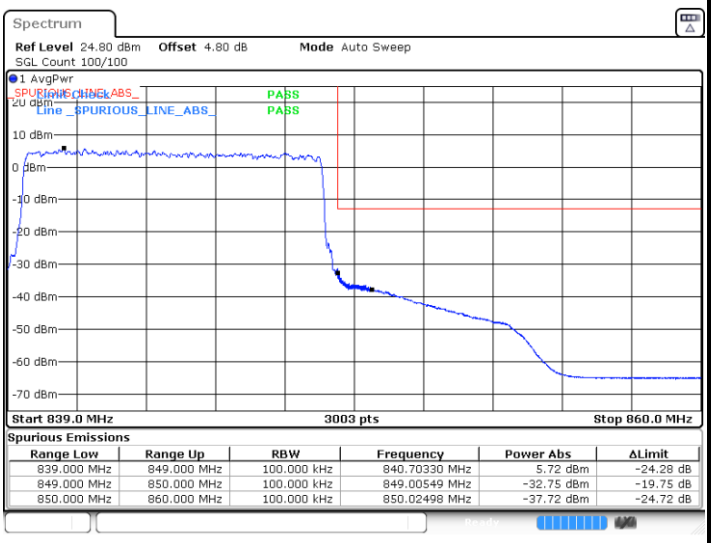


Date: 9.JUN.2022 18:59:35

Highest Band Edge / Full RB

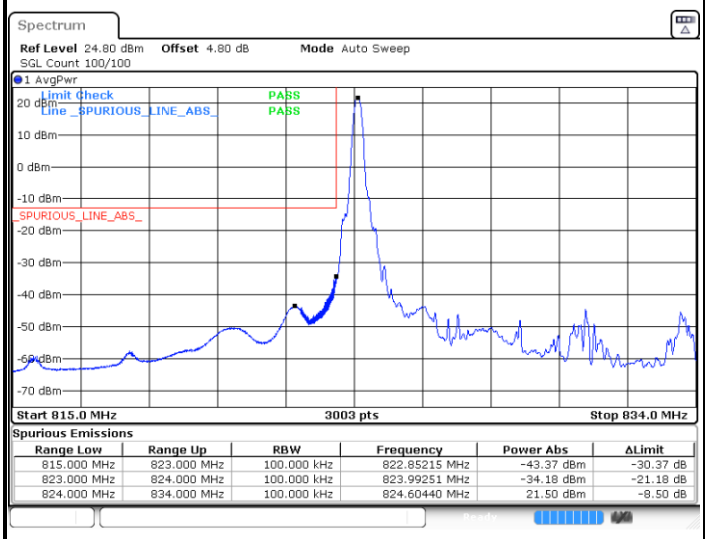


Date: 9.JUN.2022 19:13:14

LTE Band 5 / 10MHz / QPSK	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

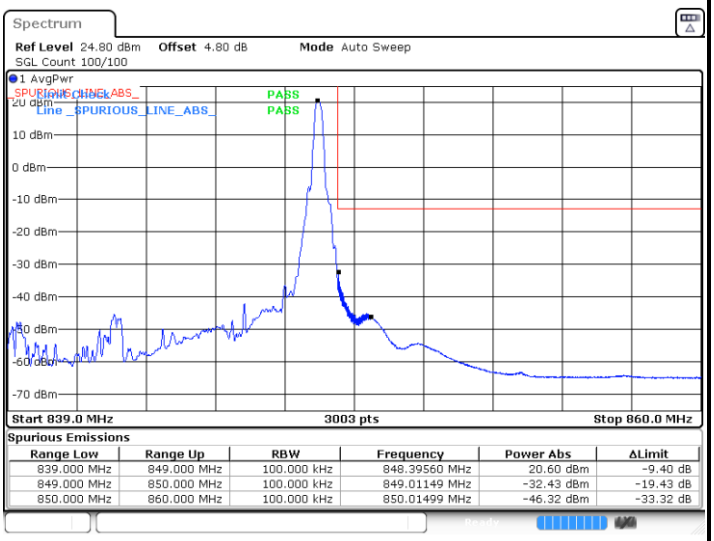
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



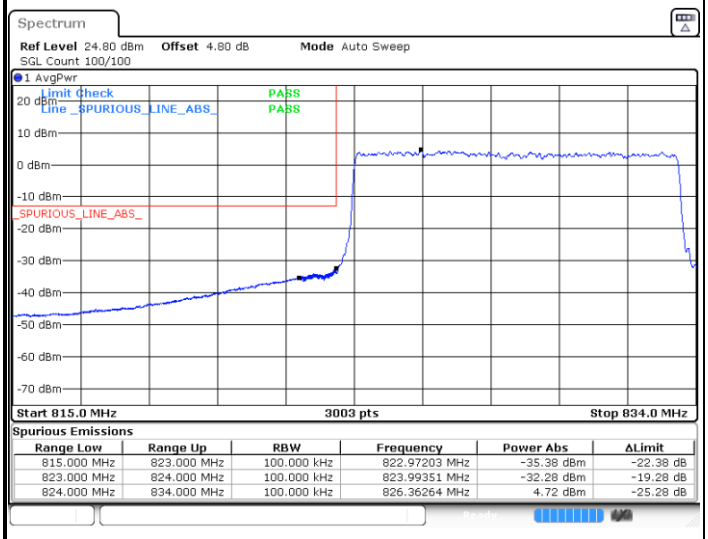
Date: 9.JUN.2022 19:18:14

Highest Band Edge / 1 RB



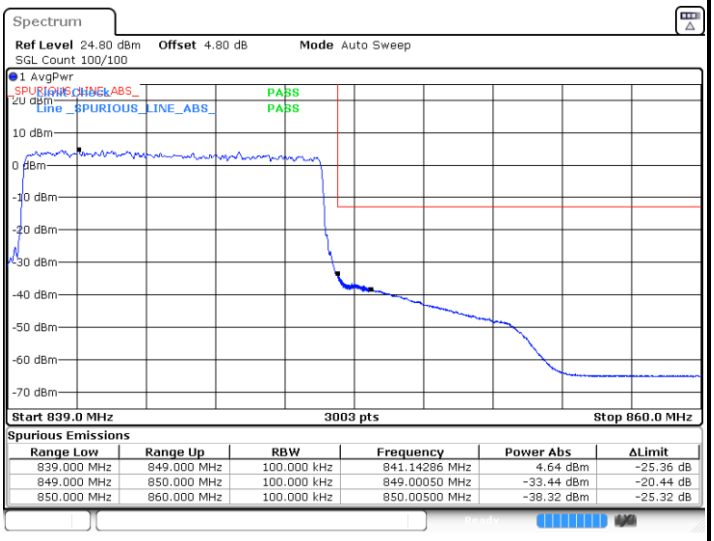
Date: 9.JUN.2022 19:31:54

Lowest Band Edge / Full RB



Date: 9.JUN.2022 19:23:44

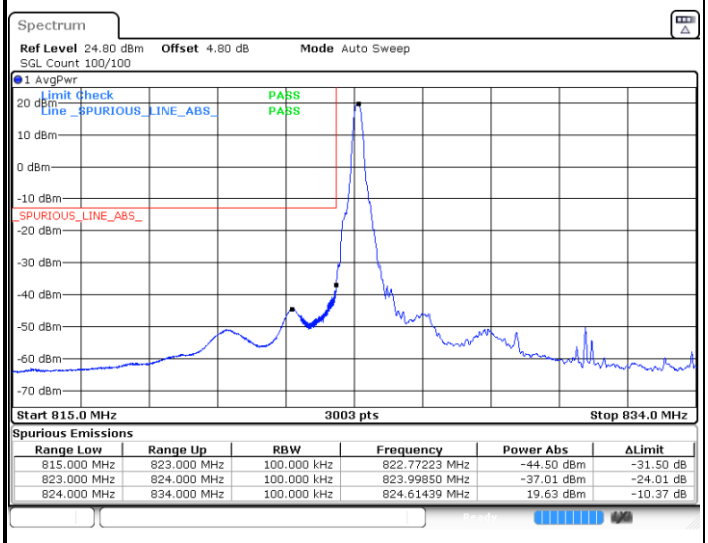
Highest Band Edge / Full RB



Date: 9.JUN.2022 19:37:23

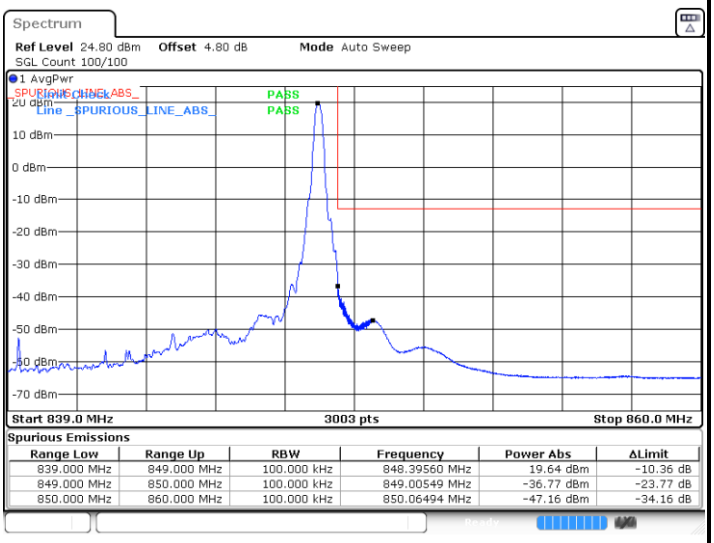
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



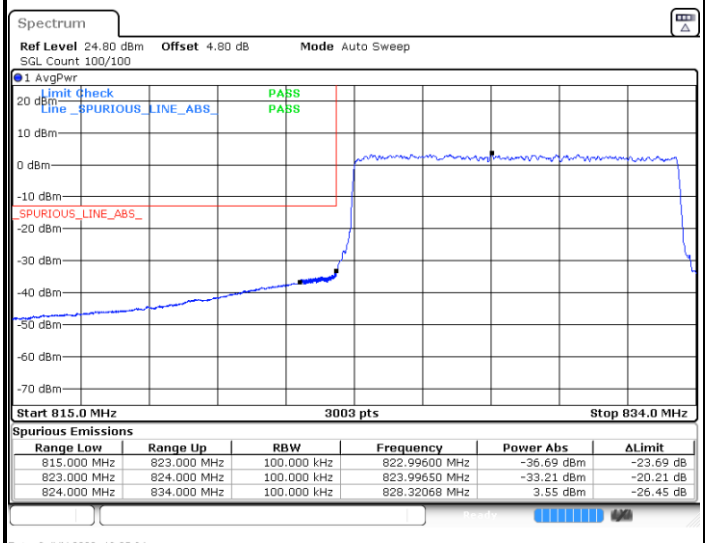
Date: 9.JUN.2022 19:20:04

Highest Band Edge / 1 RB



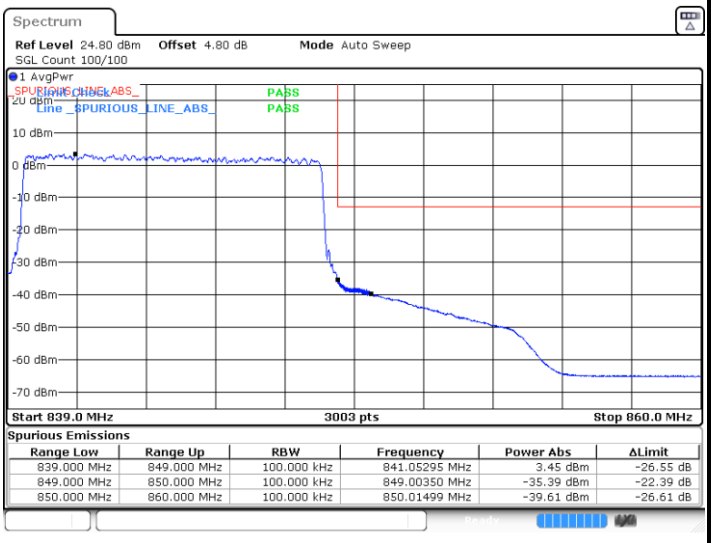
Date: 9.JUN.2022 19:33:43

Lowest Band Edge / Full RB



Date: 9.JUN.2022 19:25:34

Highest Band Edge / Full RB

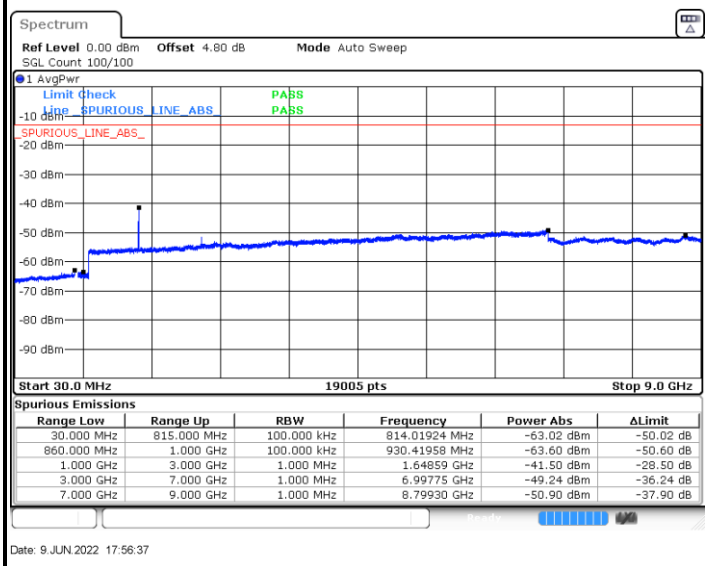


Date: 9.JUN.2022 19:39:13

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-63.02 dBm	-50.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	930.41958 MHz	-63.60 dBm	-50.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-41.50 dBm	-28.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-49.24 dBm	-36.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.79930 GHz	-50.90 dBm	-37.90 dB

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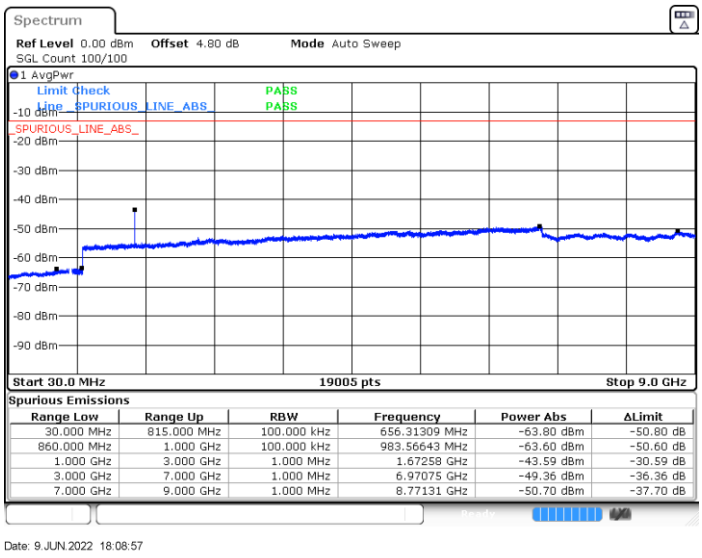
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	656.31309 MHz	-63.80 dBm	-50.80 dB
860.000 MHz	1.000 GHz	100.000 kHz	983.56643 MHz	-63.60 dBm	-50.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-43.59 dBm	-30.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97075 GHz	-49.36 dBm	-36.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.77131 GHz	-50.70 dBm	-37.70 dB

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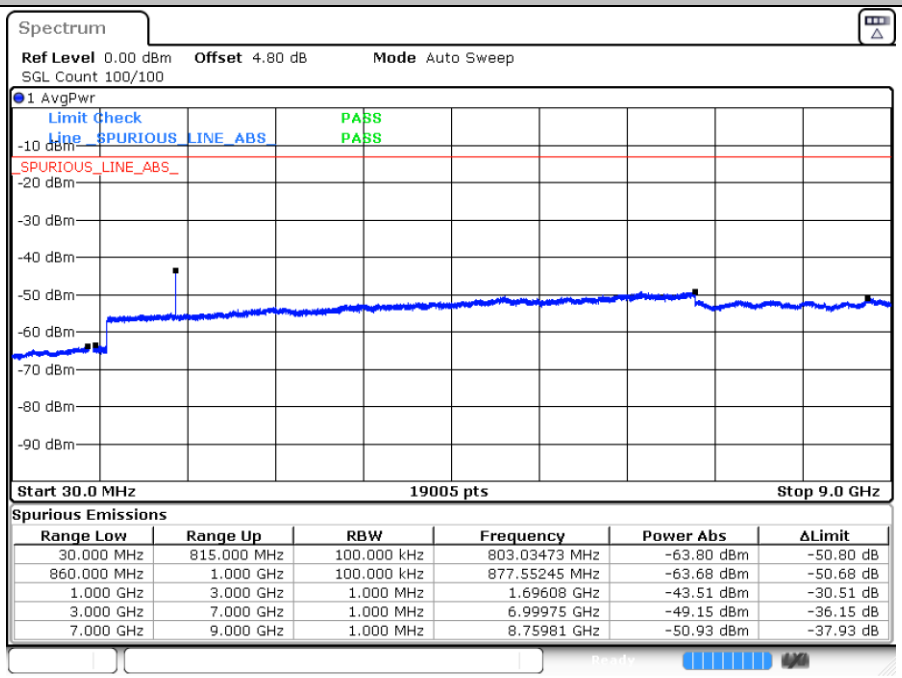
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	803.03473 MHz	-63.80 dBm	-50.80 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.55245 MHz	-63.68 dBm	-50.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-43.51 dBm	-30.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-49.15 dBm	-36.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.75981 GHz	-50.93 dBm	-37.93 dB

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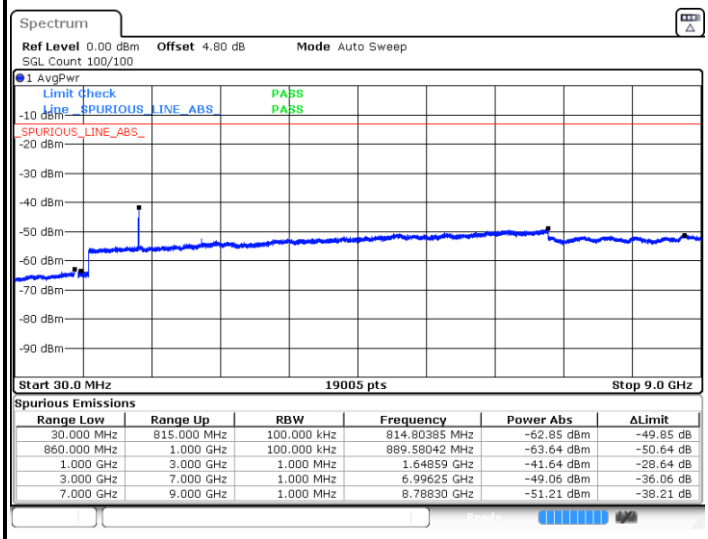
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-62.85 dBm	-49.85 dB
860.000 MHz	1.000 GHz	100.000 kHz	889.58042 MHz	-63.64 dBm	-50.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-41.64 dBm	-28.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-49.06 dBm	-36.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.78830 GHz	-51.21 dBm	-38.21 dB

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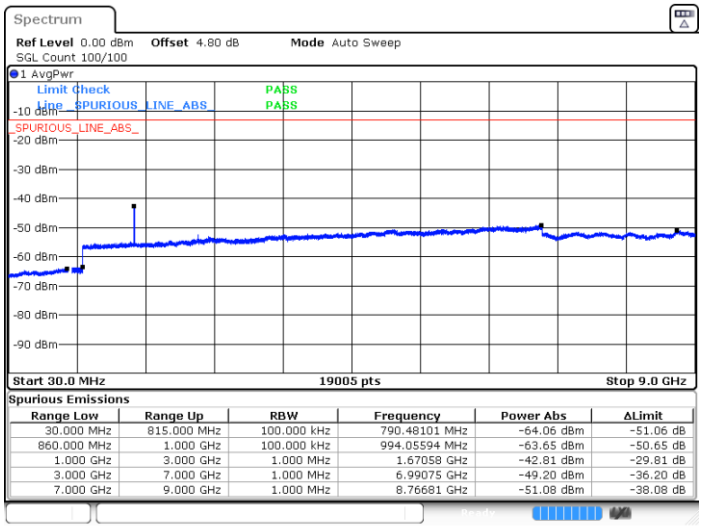
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	790.48101 MHz	-64.06 dBm	-51.06 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.05594 MHz	-63.65 dBm	-50.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-42.81 dBm	-29.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-49.20 dBm	-36.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.76681 GHz	-51.08 dBm	-38.08 dB

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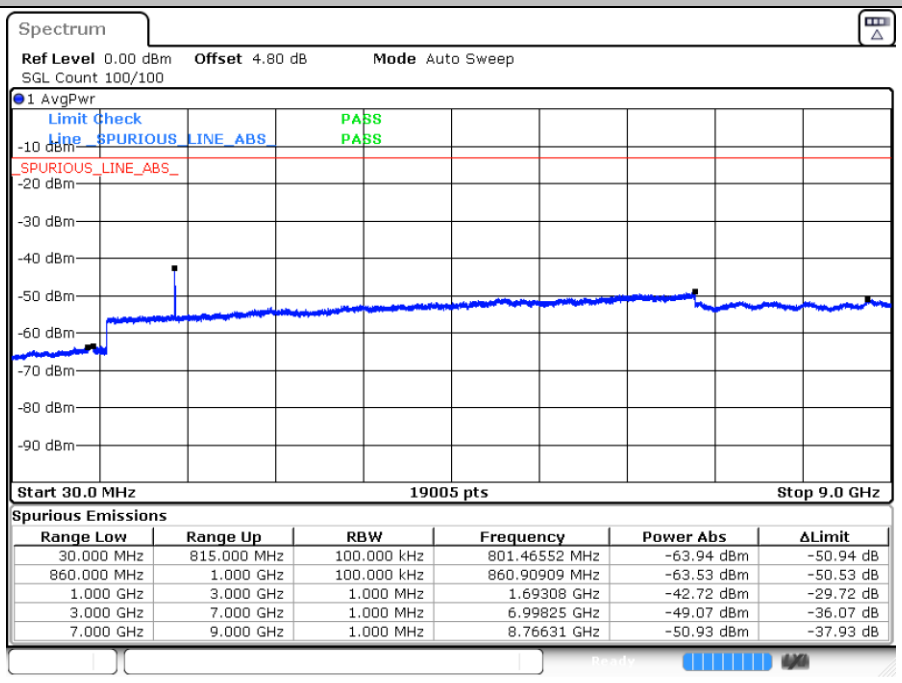
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	801.46552 MHz	-63.94 dBm	-50.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.90909 MHz	-63.53 dBm	-50.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69308 GHz	-42.72 dBm	-29.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-49.07 dBm	-36.07 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.76631 GHz	-50.93 dBm	-37.93 dB

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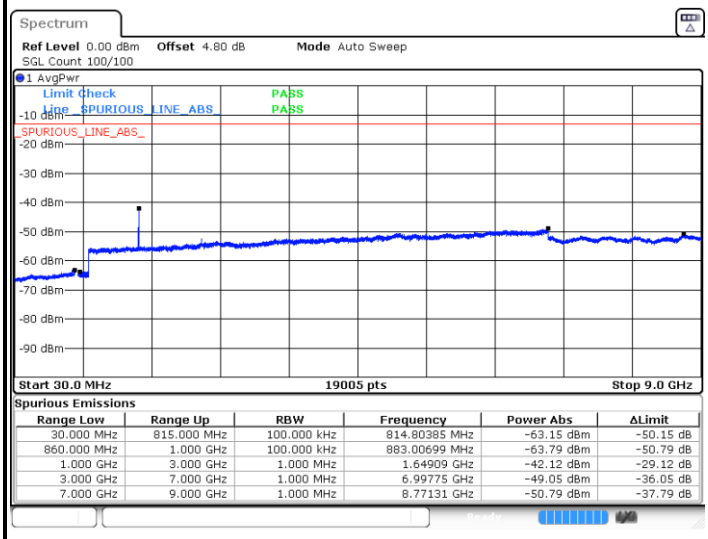
LTE Band 5 / 5MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-63.15 dBm	-50.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	883.00699 MHz	-63.79 dBm	-50.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-42.12 dBm	-29.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-49.05 dBm	-36.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.77131 GHz	-50.79 dBm	-37.79 dB

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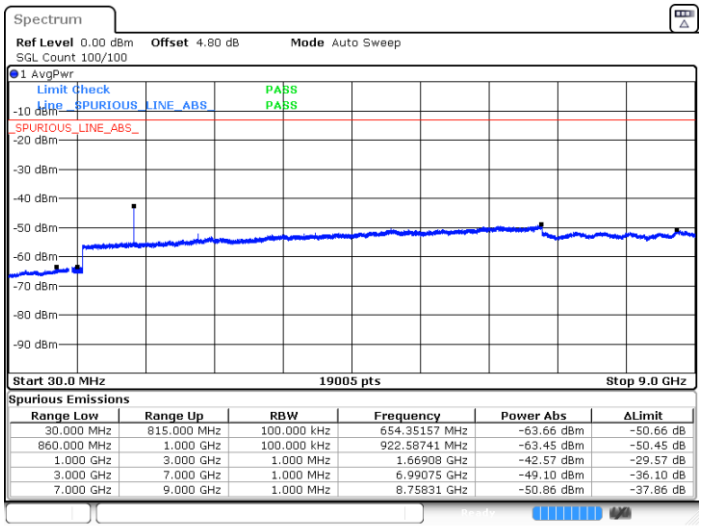
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	654.35157 MHz	-63.66 dBm	-50.66 dB
860.000 MHz	1.000 GHz	100.000 kHz	922.58741 MHz	-63.45 dBm	-50.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-42.57 dBm	-29.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-49.10 dBm	-36.10 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.75831 GHz	-50.86 dBm	-37.86 dB

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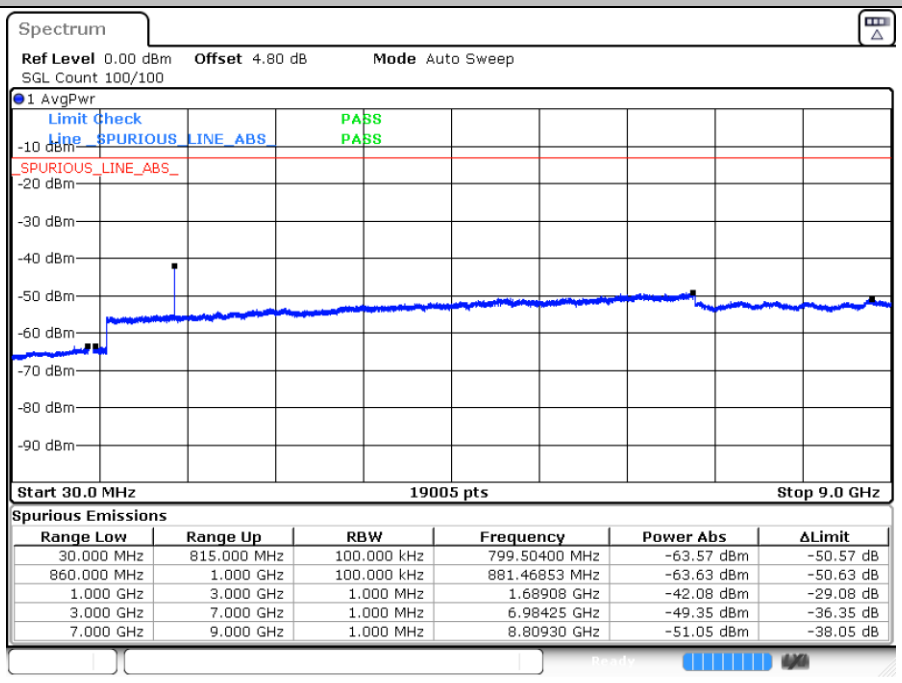
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	799.50400 MHz	-63.57 dBm	-50.57 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.46853 MHz	-63.63 dBm	-50.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-42.08 dBm	-29.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-49.35 dBm	-36.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.80930 GHz	-51.05 dBm	-38.05 dB

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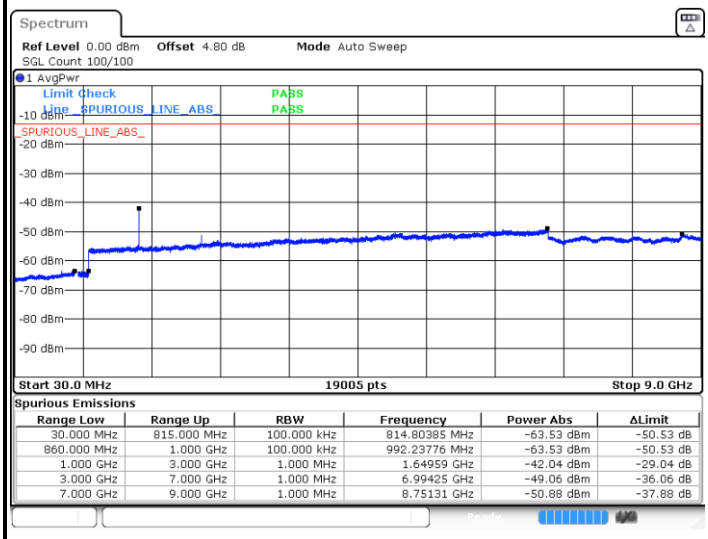
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-63.53 dBm	-50.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.23776 MHz	-63.53 dBm	-50.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-42.04 dBm	-29.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-49.06 dBm	-36.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.75131 GHz	-50.88 dBm	-37.88 dB

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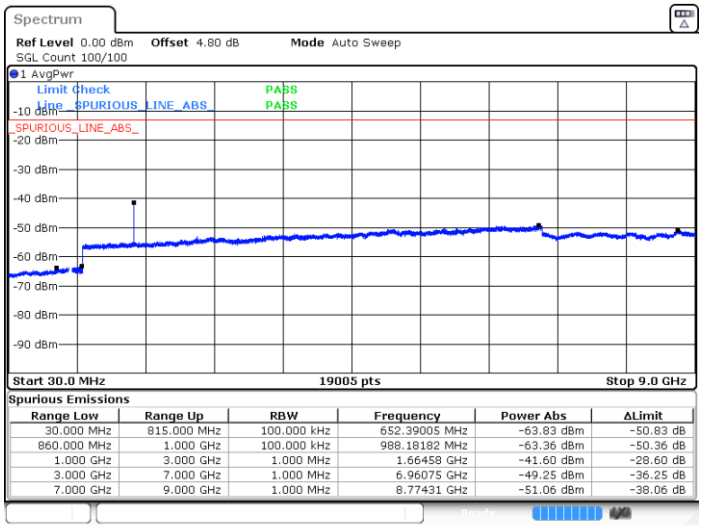
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	652.39005 MHz	-63.83 dBm	-50.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.18182 MHz	-63.36 dBm	-50.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-41.60 dBm	-28.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96075 GHz	-49.25 dBm	-36.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.77431 GHz	-51.06 dBm	-38.06 dB

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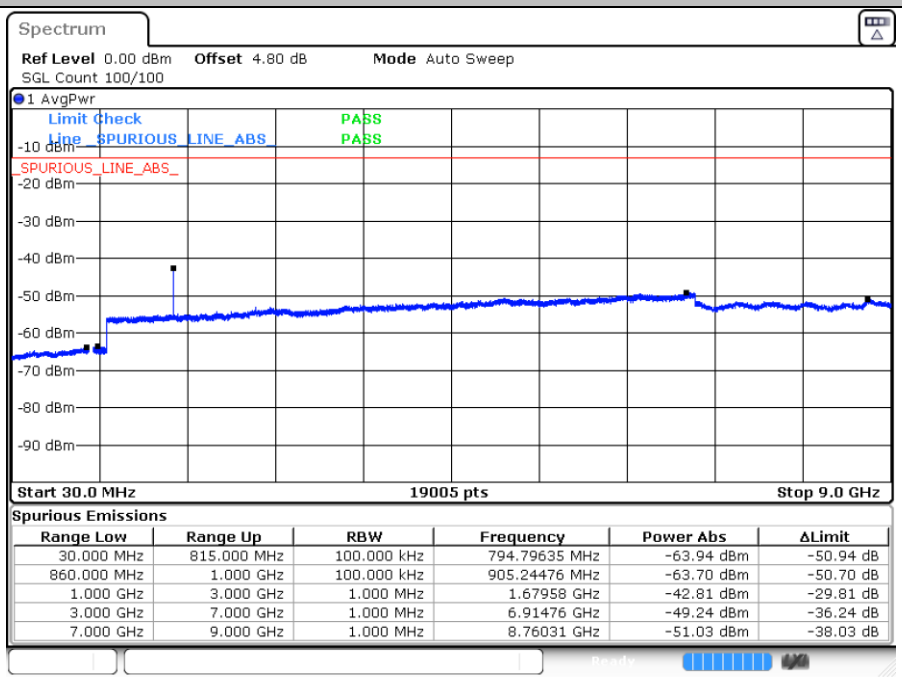
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.79635 MHz	-63.94 dBm	-50.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	905.24476 MHz	-63.70 dBm	-50.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-42.81 dBm	-29.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91476 GHz	-49.24 dBm	-36.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.76031 GHz	-51.03 dBm	-38.03 dB

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Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.

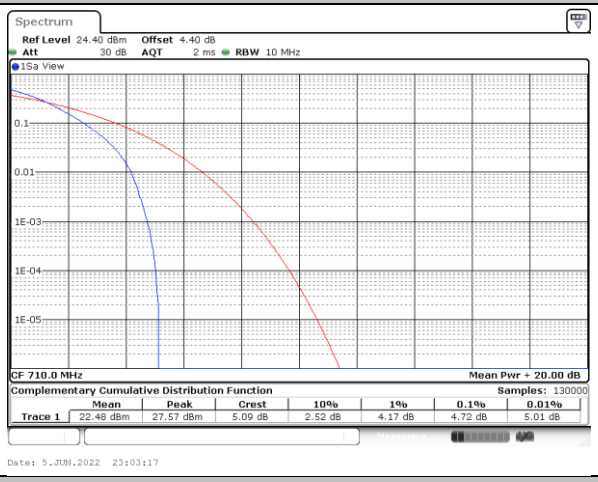
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 17

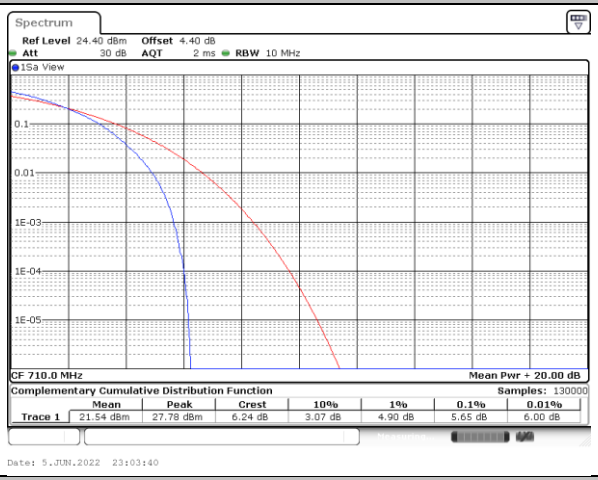
Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.72	5.65	6.35	PASS

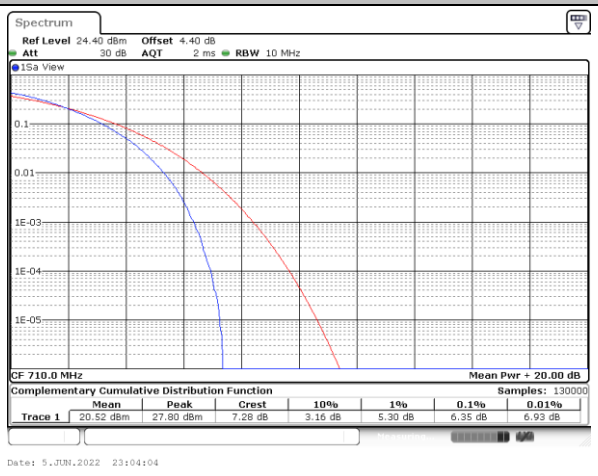
LTE Band 17 / 10MHz
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



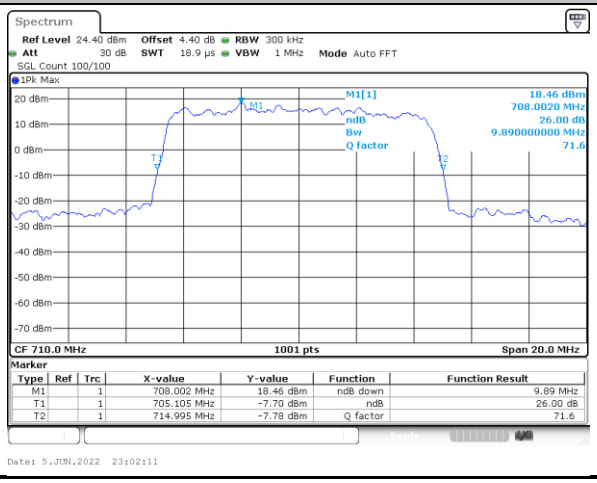
Middle Channel / Full RB/ 64QAM

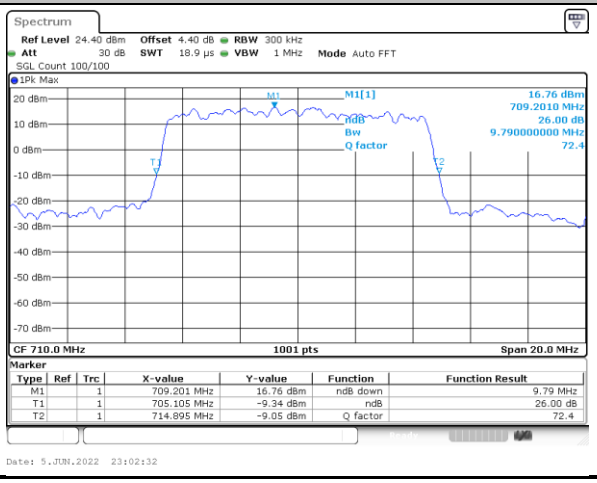


26dB Bandwidth

Mode	LTE Band 17 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.89	9.79

LTE Band 17	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM

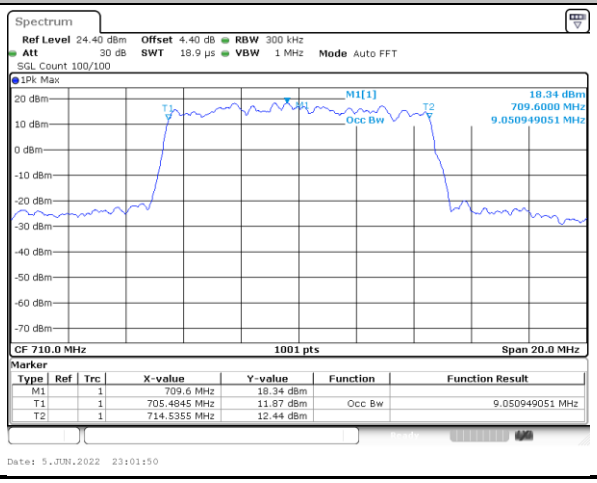


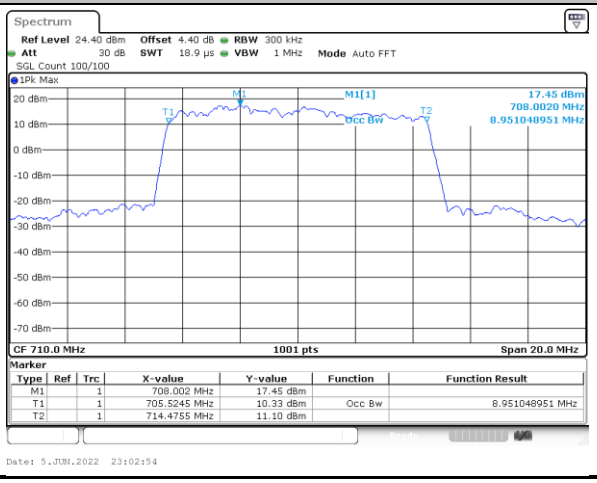


Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.05	8.95

LTE Band 17	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM

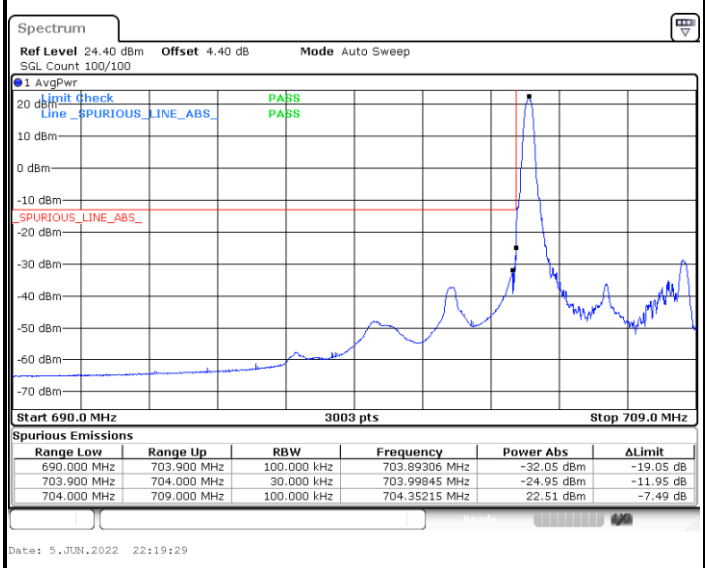




Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.05 dBm	-19.05 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99845 MHz	-24.95 dBm	-11.95 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35215 MHz	22.51 dBm	-7.49 dB

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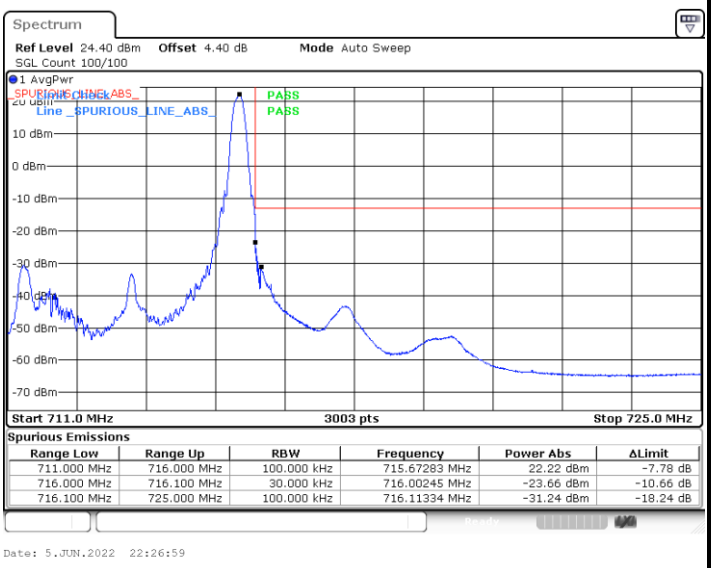
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67283 MHz	22.22 dBm	-7.78 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00245 MHz	-23.66 dBm	-10.66 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-31.24 dBm	-18.24 dB

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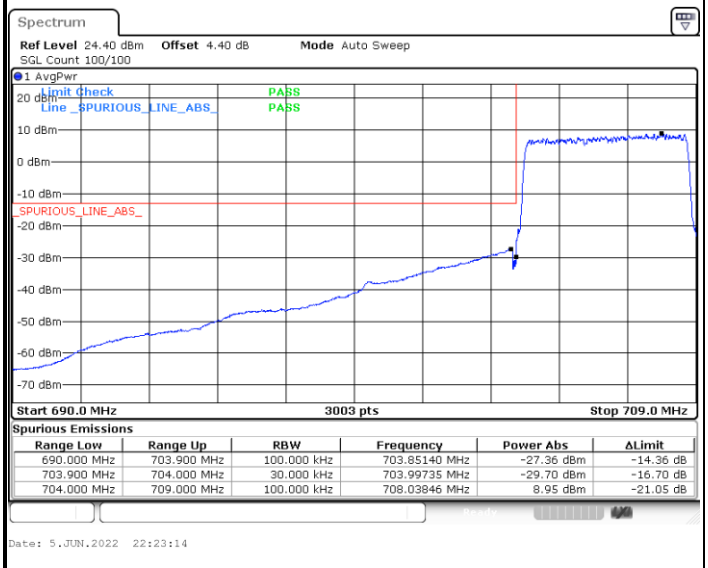
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.85140 MHz	-27.36 dBm	-14.36 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99735 MHz	-29.70 dBm	-16.70 dB
704.000 MHz	709.000 MHz	100.000 kHz	708.03846 MHz	8.95 dBm	-21.05 dB

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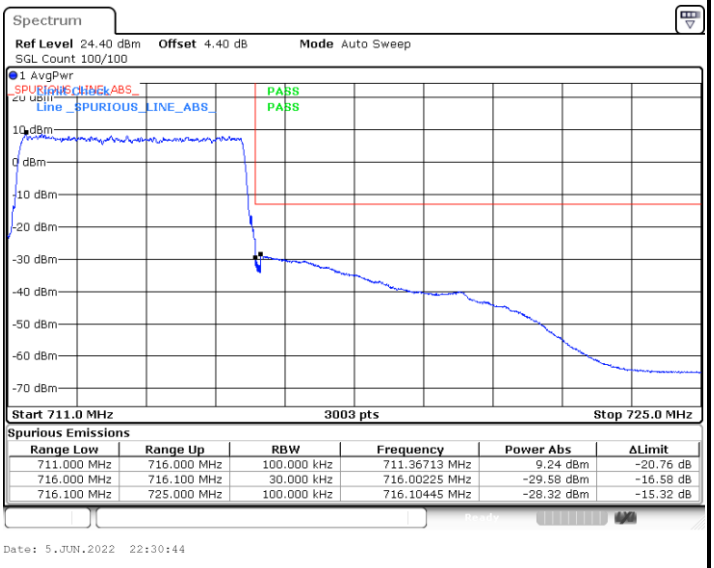
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.36713 MHz	9.24 dBm	-20.76 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-29.58 dBm	-16.58 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.32 dBm	-15.32 dB

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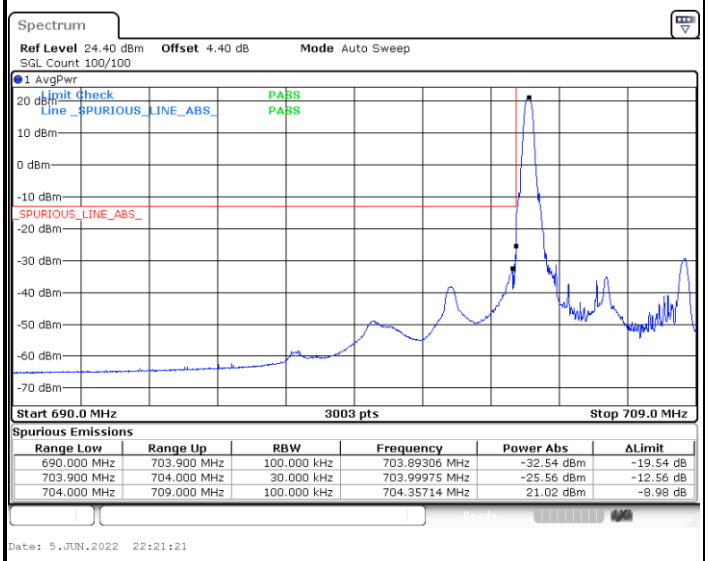
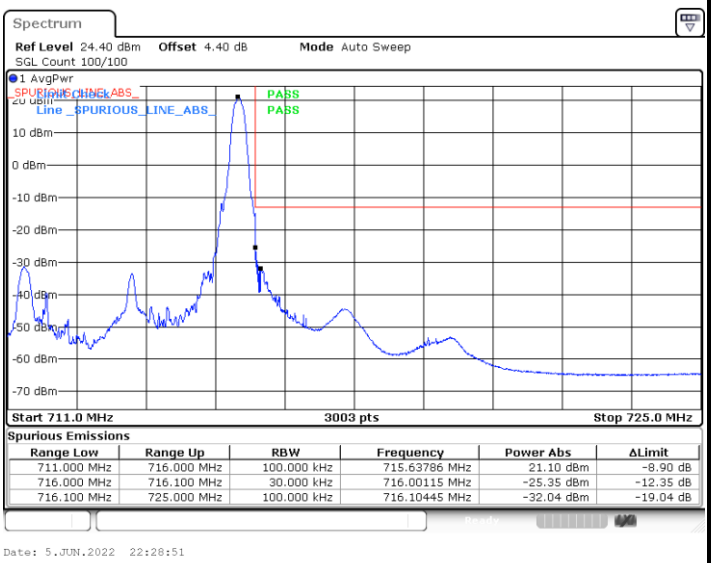
LTE Band 17 / 5MHz / 16QAM

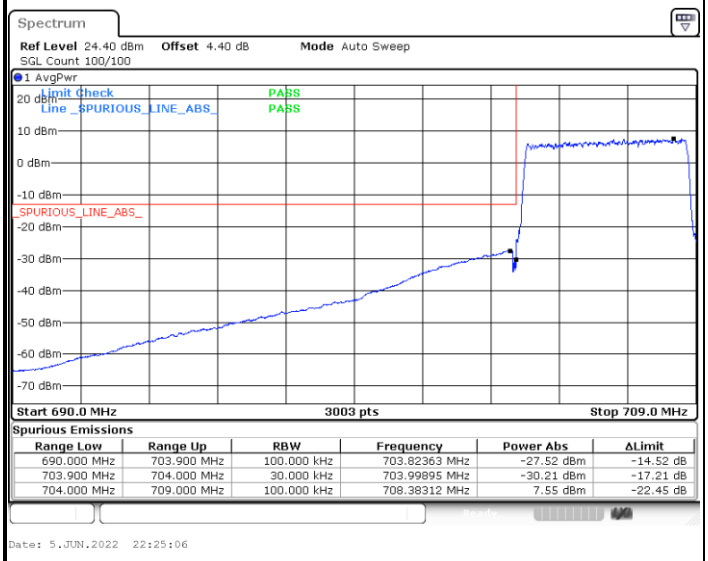
Lowest Band Edge / 1 RB



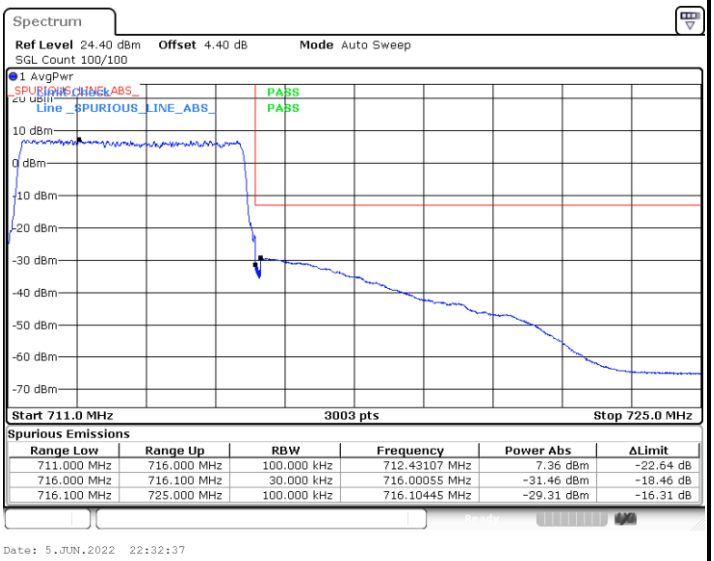
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

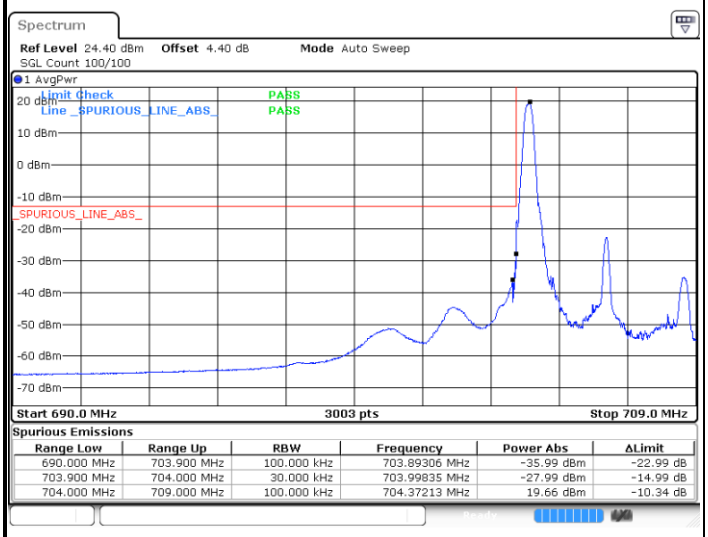


Highest Band Edge / Full RB



LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



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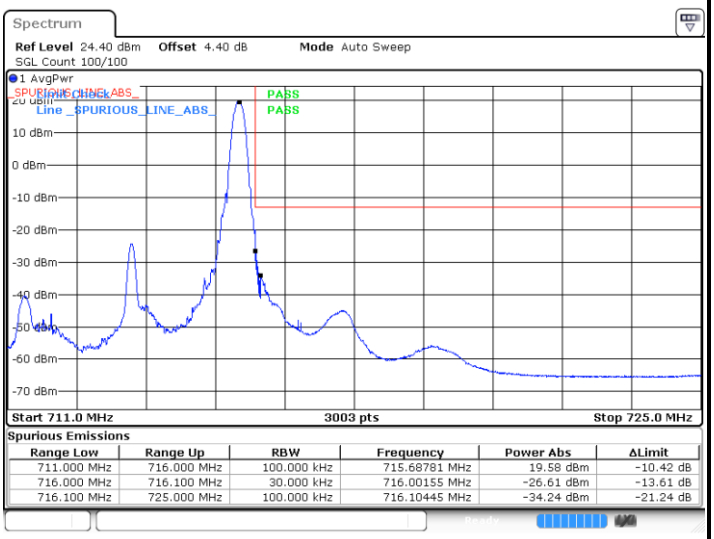
Highest Band Edge / 1 RB



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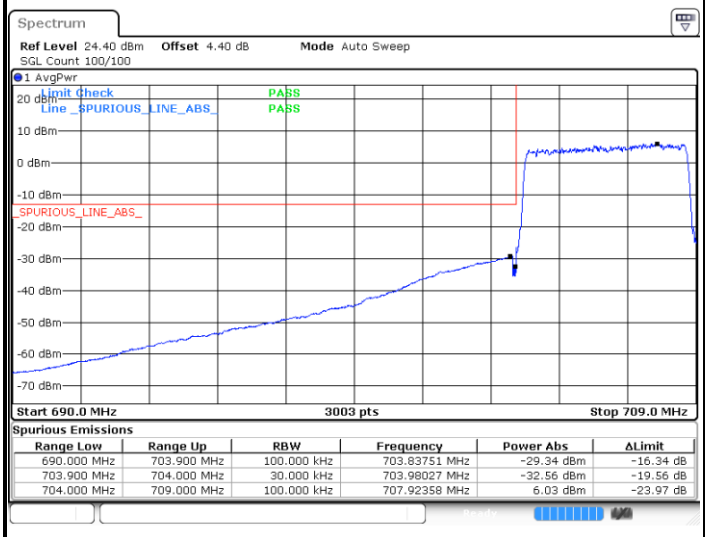
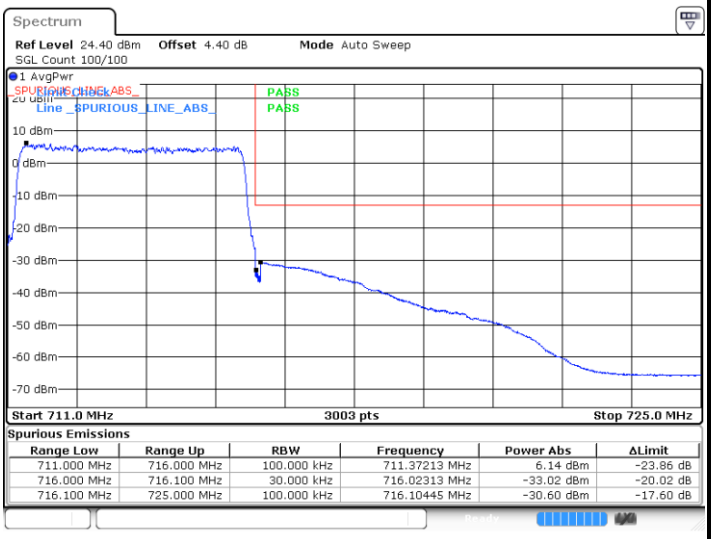
Lowest Band Edge / Full RB



Date: 13.JUN.2022 22:22:42

Highest Band Edge / Full RB



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