

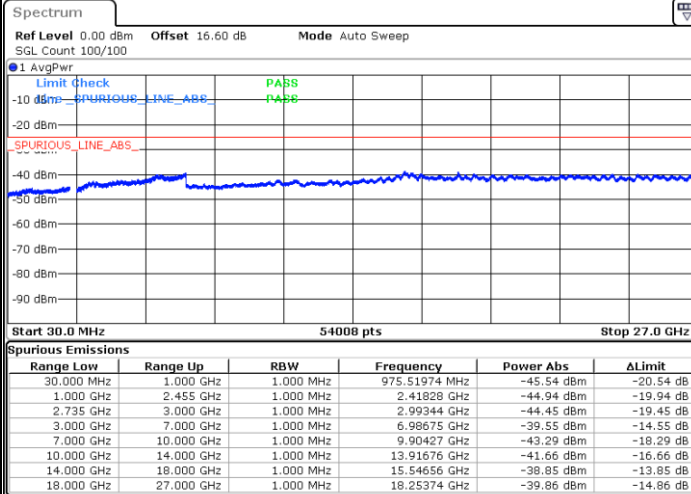


LTE Band 41C / 20MHz+5MHz

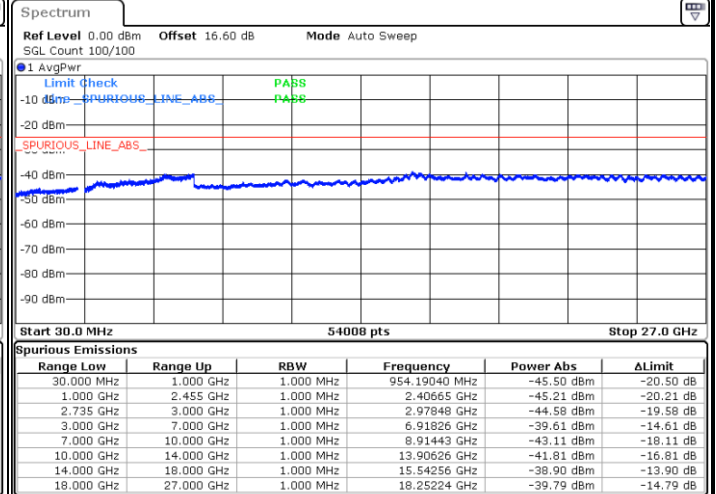
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



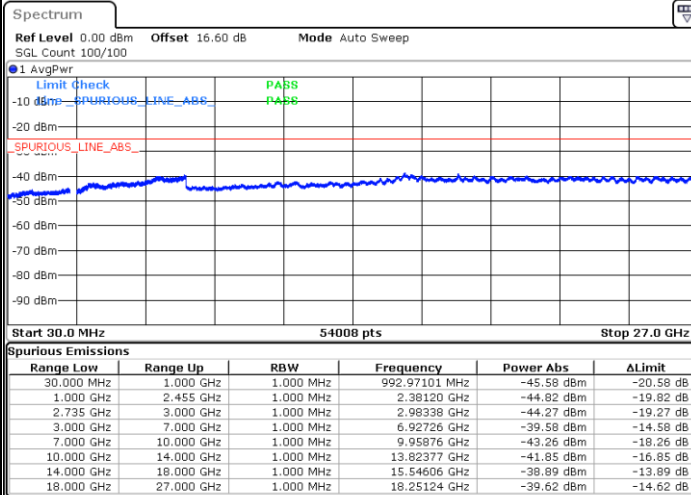
Date: 15.JUL.2024 19:13:47



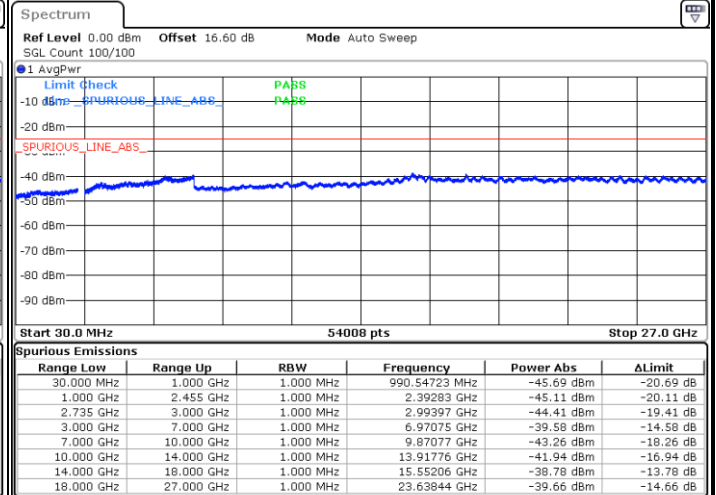
Date: 15.JUL.2024 19:19:56

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 15.JUL.2024 19:39:46



Date: 15.JUL.2024 19:38:27

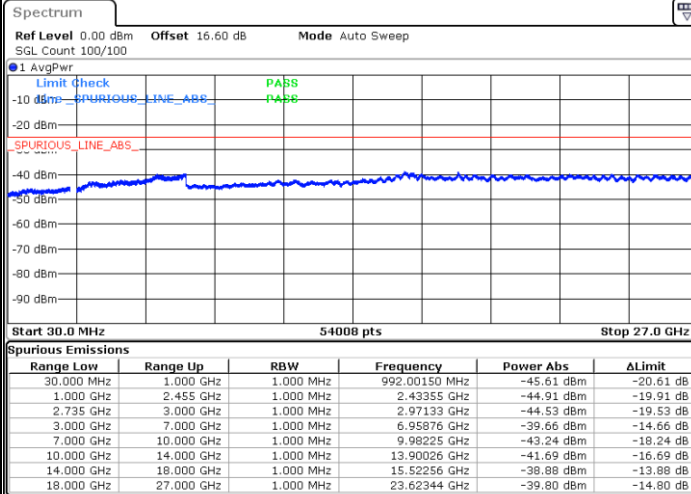


LTE Band 41C / 20MHz+5MHz

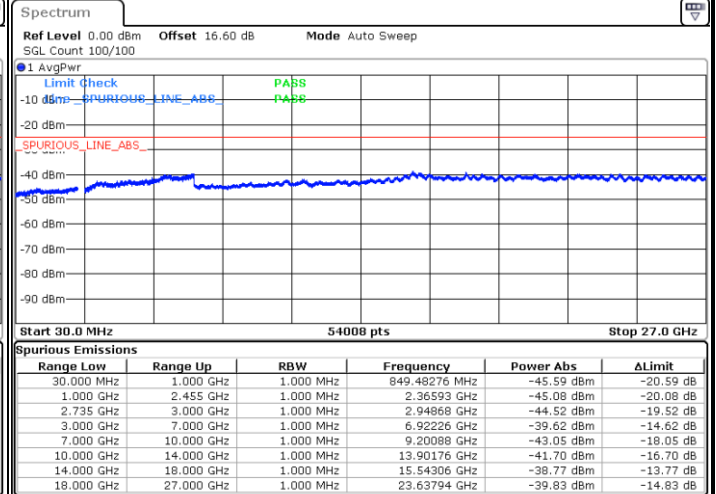
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 15.JUL.2024 19:28:04



Date: 15.JUL.2024 19:34:13



LTE Band 41C / 20MHz+10MHz

QPSK

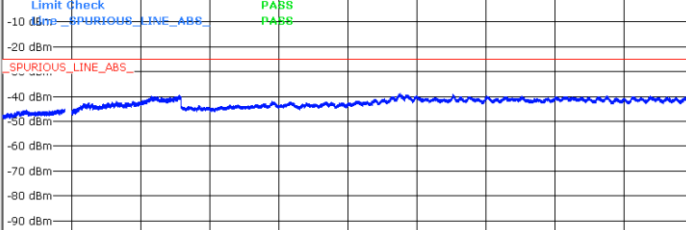
Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

● 1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

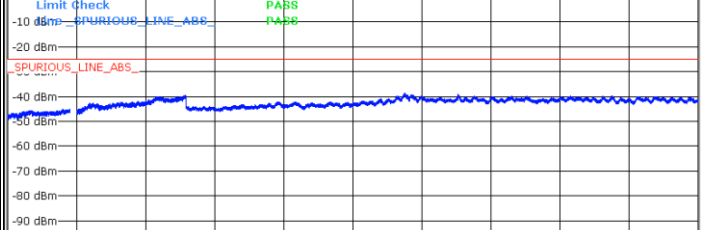
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-45.59 dBm	-20.59 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44809 GHz	-45.12 dBm	-20.12 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99437 GHz	-44.31 dBm	-19.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91726 GHz	-39.55 dBm	-14.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98725 GHz	-43.36 dBm	-18.36 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92126 GHz	-41.92 dBm	-16.92 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55006 GHz	-38.82 dBm	-13.82 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.30512 GHz	-39.75 dBm	-14.75 dB

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

● 1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-45.75 dBm	-20.75 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.18341 GHz	-45.19 dBm	-20.19 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95385 GHz	-44.49 dBm	-19.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95826 GHz	-39.49 dBm	-14.49 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.21788 GHz	-43.16 dBm	-18.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.93926 GHz	-41.77 dBm	-16.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54356 GHz	-38.62 dBm	-13.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.29862 GHz	-39.83 dBm	-14.83 dB

Date: 15.JUL.2024 19:44:59

Date: 15.JUL.2024 19:51:08

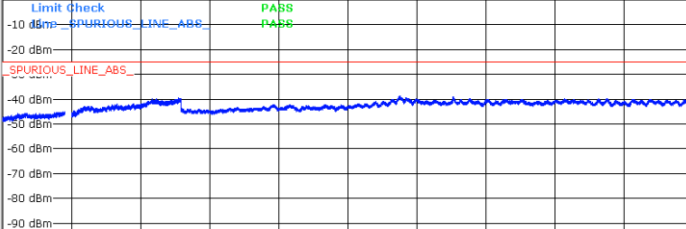
Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

● 1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

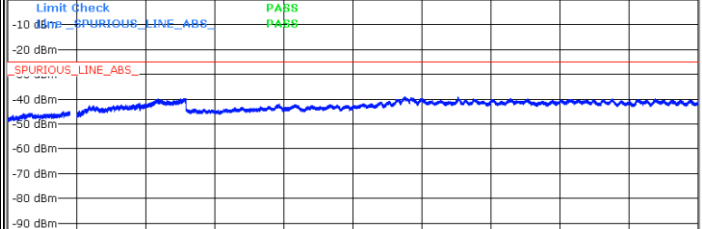
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.68116 MHz	-45.73 dBm	-20.73 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.38265 GHz	-45.09 dBm	-20.09 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95080 GHz	-44.52 dBm	-19.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90426 GHz	-39.55 dBm	-14.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.18339 GHz	-43.19 dBm	-18.19 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92526 GHz	-41.78 dBm	-16.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54706 GHz	-38.75 dBm	-13.75 dB
18.000 GHz	27.000 GHz	1.000 MHz	23.65194 GHz	-39.62 dBm	-14.62 dB

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

● 1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	908.13843 MHz	-45.61 dBm	-20.61 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.18923 GHz	-45.03 dBm	-20.03 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97570 GHz	-44.41 dBm	-19.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93276 GHz	-39.67 dBm	-14.67 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.89877 GHz	-43.12 dBm	-18.12 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.63917 GHz	-41.89 dBm	-16.89 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54106 GHz	-38.92 dBm	-13.92 dB
18.000 GHz	27.000 GHz	1.000 MHz	23.63994 GHz	-39.85 dBm	-14.85 dB

Date: 15.JUL.2024 20:10:58

Date: 15.JUL.2024 20:09:39

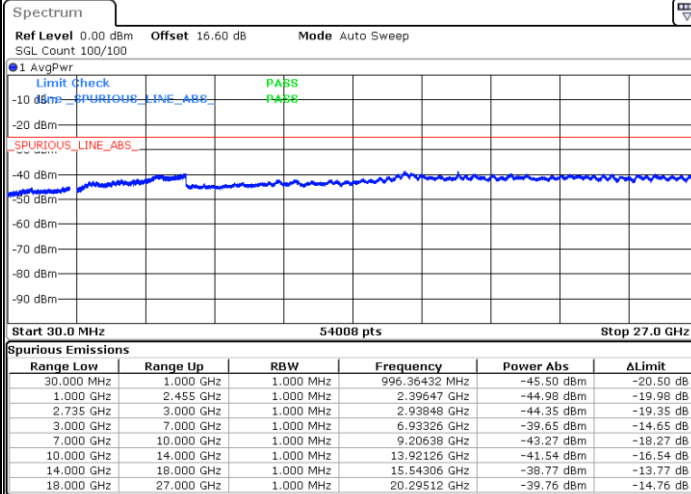


LTE Band 41C / 20MHz+10MHz

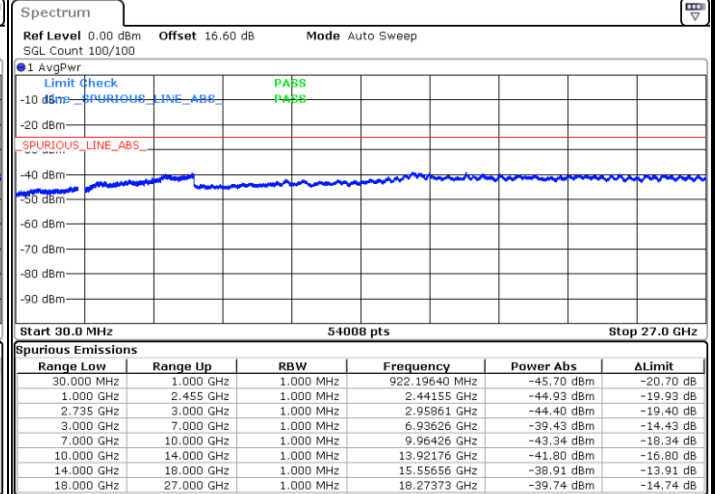
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 15.JUL.2024 19:59:16



Date: 15.JUL.2024 20:05:25



LTE Band 41C / 20MHz+15MHz

QPSK

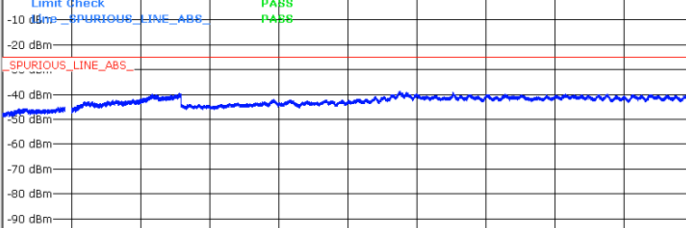
Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

●1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

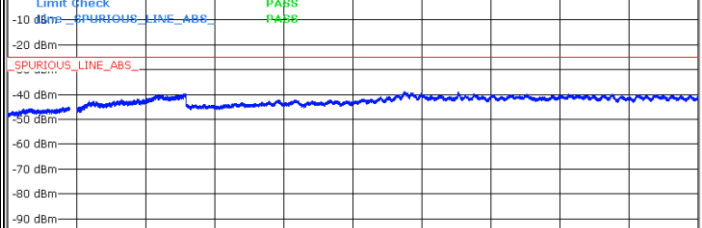
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-45.69 dBm	-20.69 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.37392 GHz	-44.94 dBm	-19.94 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97941 GHz	-44.38 dBm	-19.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91576 GHz	-39.34 dBm	-14.34 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.19888 GHz	-43.21 dBm	-18.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88976 GHz	-41.74 dBm	-16.74 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54706 GHz	-38.75 dBm	-13.75 dB
18.000 GHz	27.000 GHz	1.000 MHz	23.64544 GHz	-39.79 dBm	-14.79 dB

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

●1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-45.60 dBm	-20.60 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.42991 GHz	-45.03 dBm	-20.03 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99490 GHz	-44.46 dBm	-19.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-39.64 dBm	-14.64 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96126 GHz	-43.10 dBm	-18.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89126 GHz	-41.90 dBm	-16.90 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.52256 GHz	-38.80 dBm	-13.80 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.26224 GHz	-39.68 dBm	-14.68 dB

Date: 15.JUL.2024 20:16:11

Date: 15.JUL.2024 20:22:20

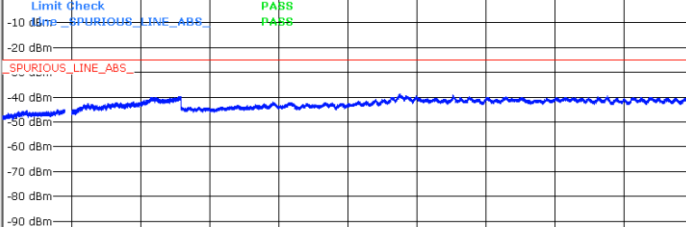
Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

●1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

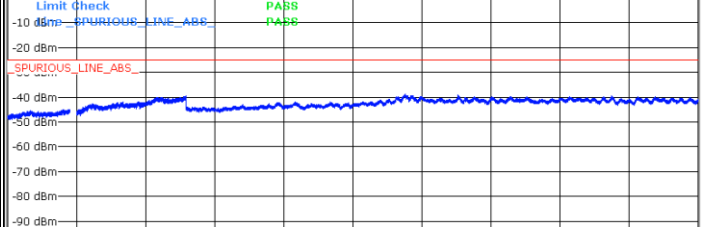
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-45.44 dBm	-20.44 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.43719 GHz	-45.06 dBm	-20.06 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97331 GHz	-44.46 dBm	-19.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97275 GHz	-39.67 dBm	-14.67 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.91226 GHz	-43.07 dBm	-18.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.94026 GHz	-41.57 dBm	-16.57 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.54906 GHz	-38.82 dBm	-13.82 dB
18.000 GHz	27.000 GHz	1.000 MHz	23.65094 GHz	-39.59 dBm	-14.59 dB

Spectrum

Ref Level 0.00 dBm Offset 16.60 dB Mode Auto Sweep
SGL Count 100/100

●1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-45.40 dBm	-20.40 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.18123 GHz	-44.98 dBm	-19.98 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97596 GHz	-44.19 dBm	-19.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-39.61 dBm	-14.61 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.20588 GHz	-43.10 dBm	-18.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88526 GHz	-41.95 dBm	-16.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.55006 GHz	-38.84 dBm	-13.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	23.61394 GHz	-39.52 dBm	-14.52 dB

Date: 15.JUL.2024 20:42:10

Date: 15.JUL.2024 20:40:51

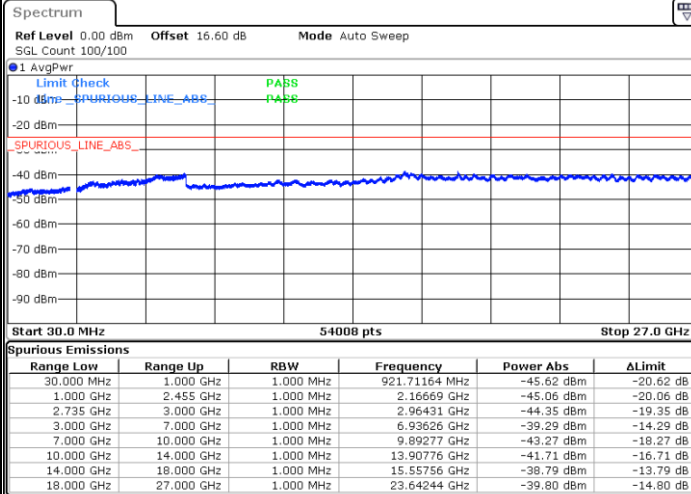


LTE Band 41C / 20MHz+15MHz

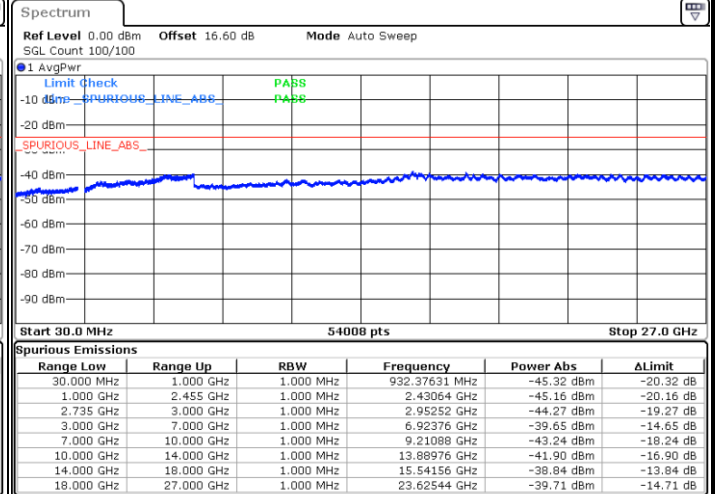
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 15.JUL.2024 20:30:28



Date: 15.JUL.2024 20:36:37

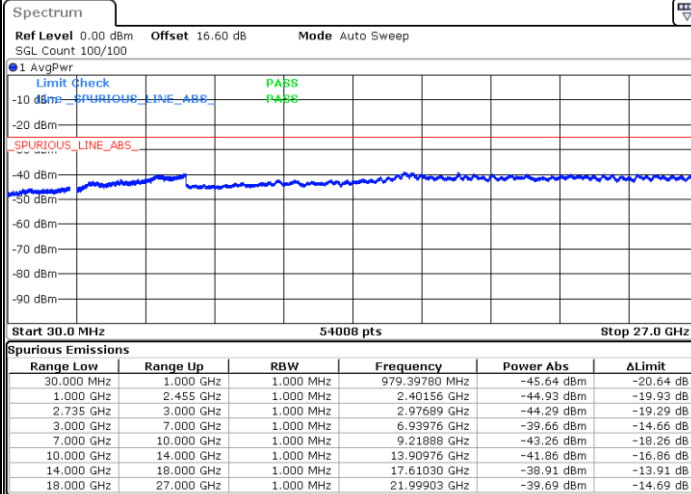


LTE Band 41C / 20MHz+20MHz

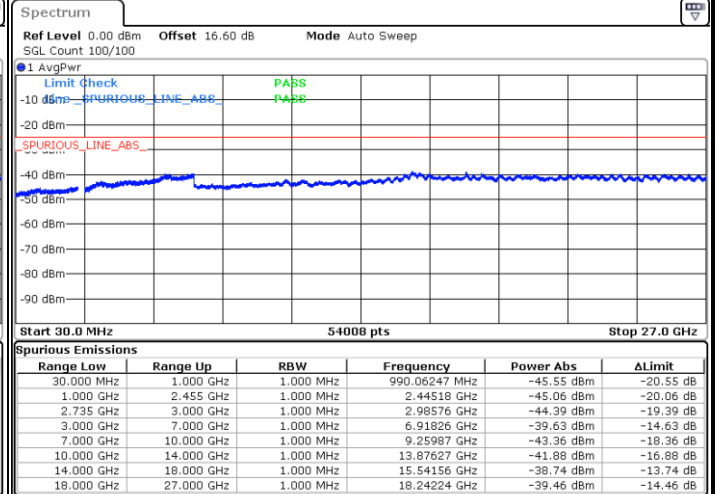
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



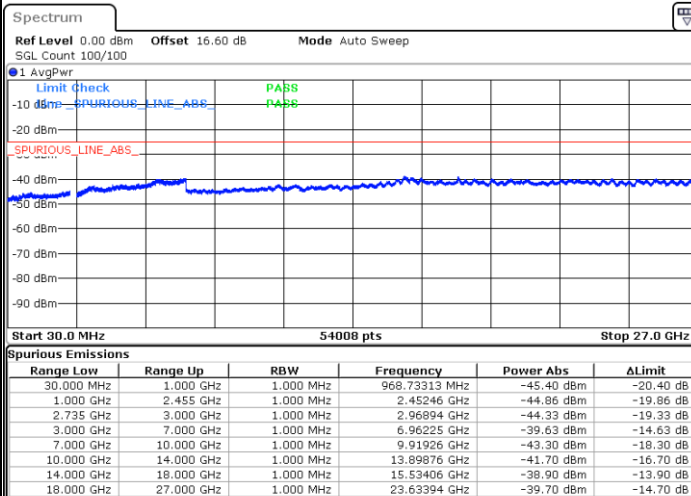
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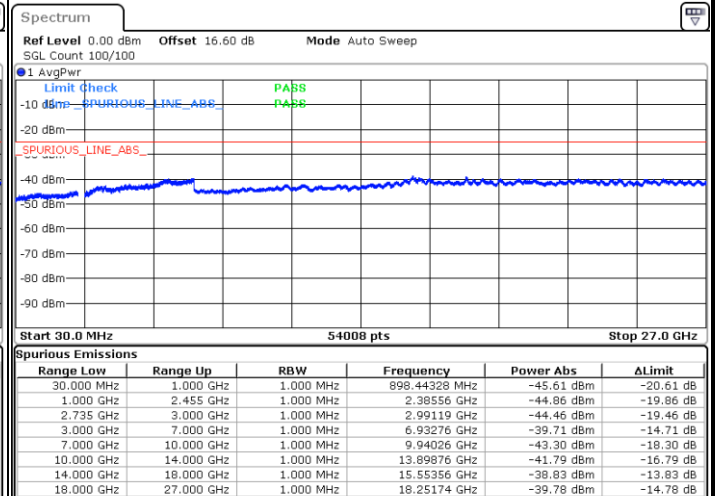
Date: 15.JUL.2024 20:53:15

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 15.JUL.2024 21:12:41



Date: 15.JUL.2024 21:11:24

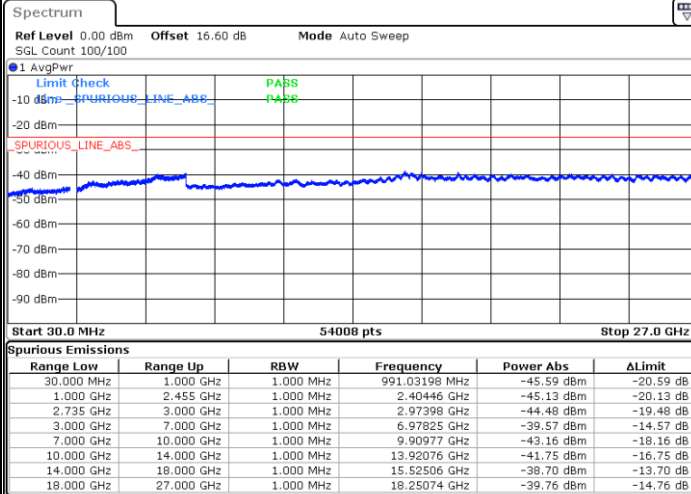


LTE Band 41C / 20MHz+20MHz

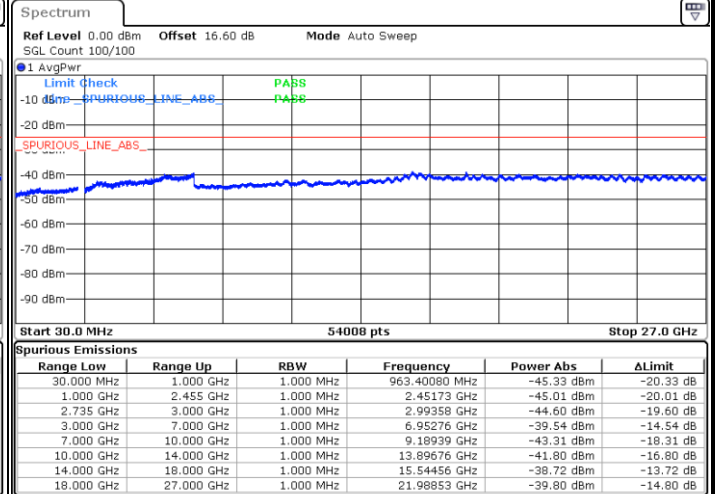
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 15.JUL.2024 21:01:14



Date: 15.JUL.2024 21:07:13



LTE Band 42

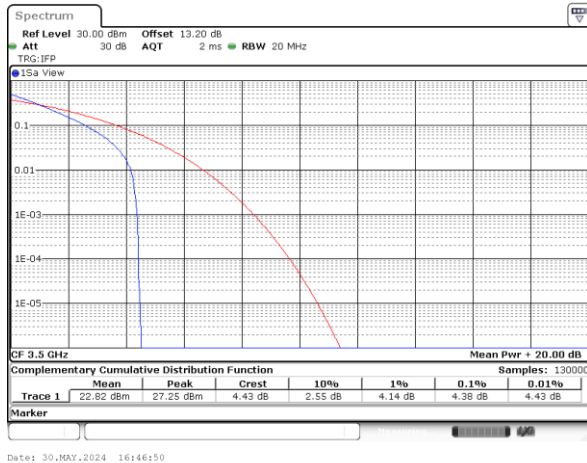
Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.57	6.29	6.55	PASS



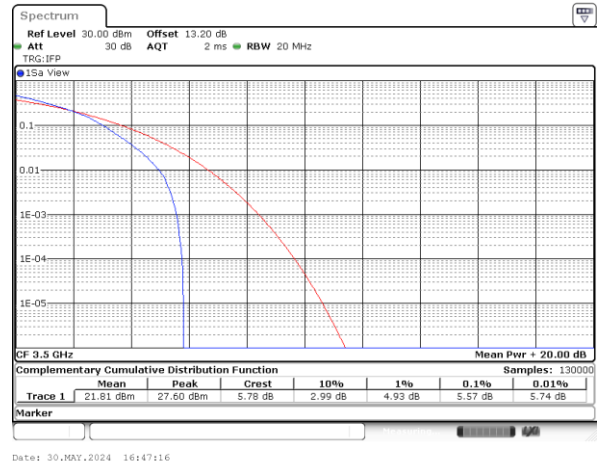
LTE Band 42 / 20MHz / QPSK

Middle Channel / Full RB



LTE Band 42 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 42 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 42 / 20MHz / 256QAM

Middle Channel / Full RB



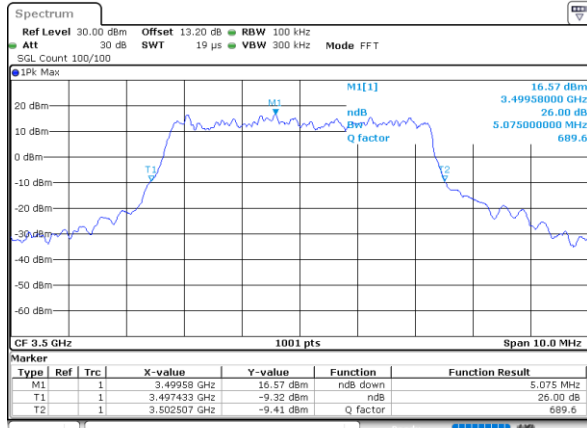
**26dB Bandwidth**

Mode	LTE Band 42 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	5.07	4.99	9.68	9.71	14.41	14.65	19.30	18.90
Mode	LTE Band 42 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.83	4.74	9.81	9.65	14.47	14.56	19.02	18.62



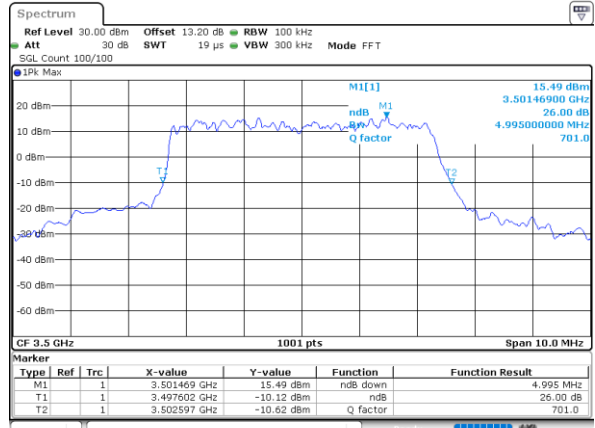
LTE Band 42

Middle Channel / 5MHz / QPSK



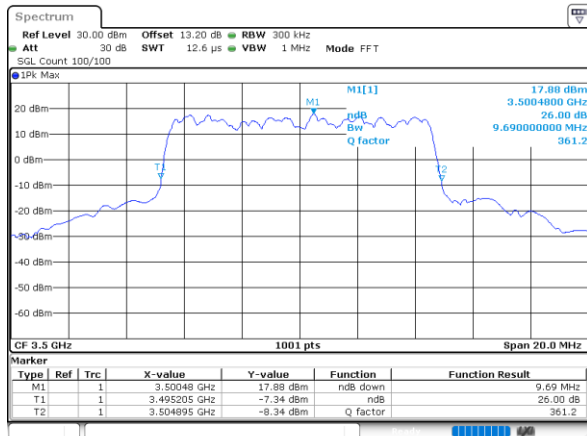
Date: 30.MAY.2024 16:09:13

Middle Channel / 5MHz / 16QAM



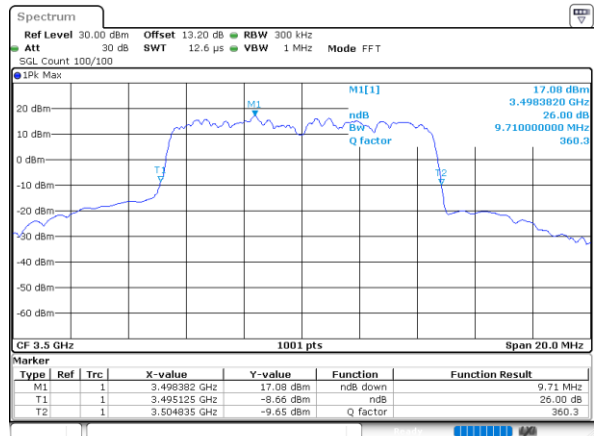
Date: 30.MAY.2024 16:09:37

Middle Channel / 10MHz / QPSK



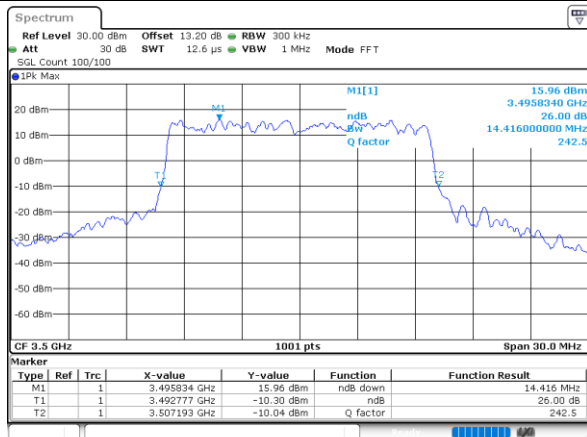
Date: 30.MAY.2024 16:22:03

Middle Channel / 10MHz / 16QAM



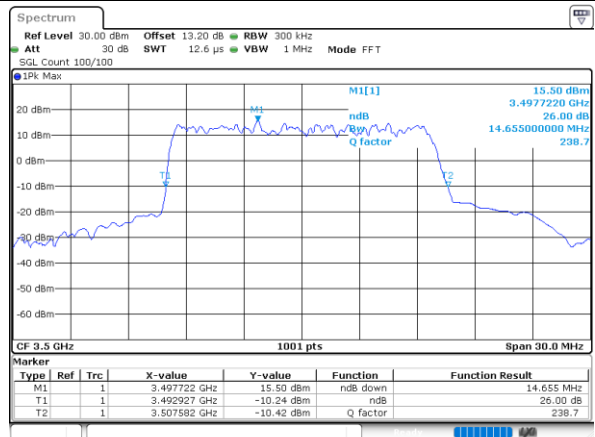
Date: 30.MAY.2024 16:22:27

Middle Channel / 15MHz / QPSK



Date: 30.MAY.2024 16:39:39

Middle Channel / 15MHz / 16QAM

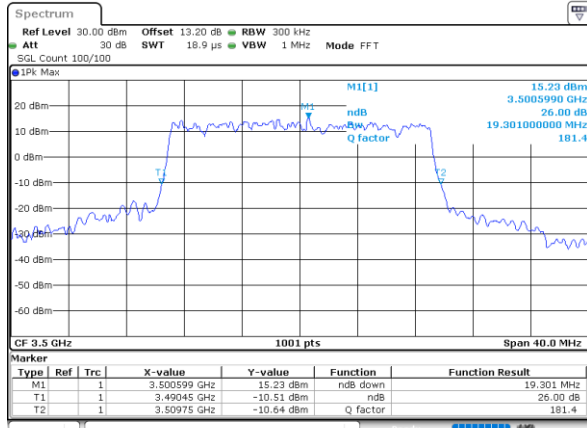


Date: 30.MAY.2024 16:40:03

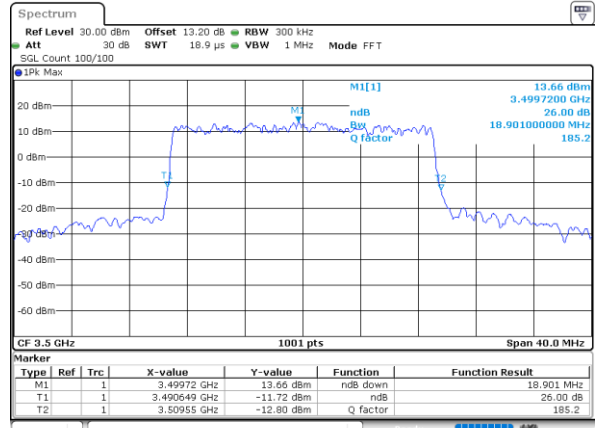


LTE Band 42

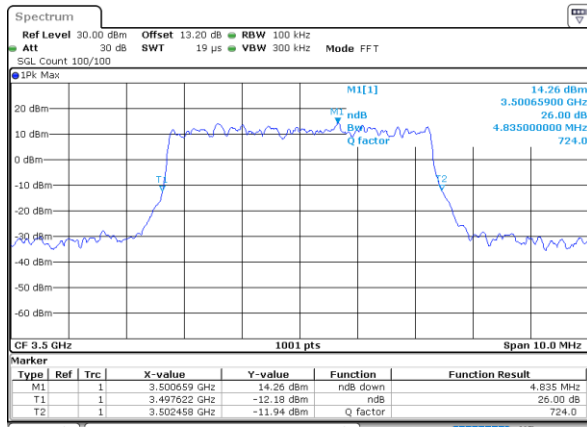
Middle Channel / 20MHz / QPSK



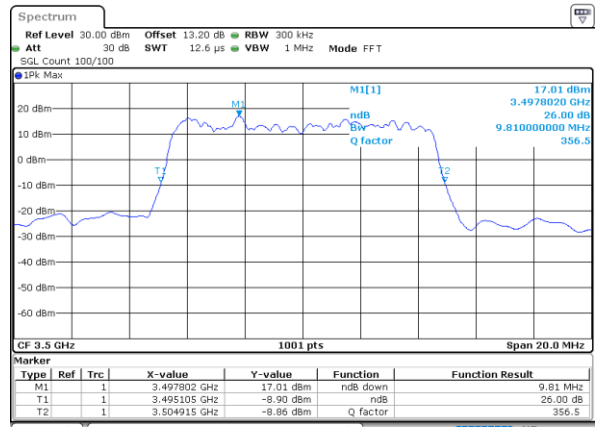
Middle Channel / 20MHz / 16QAM



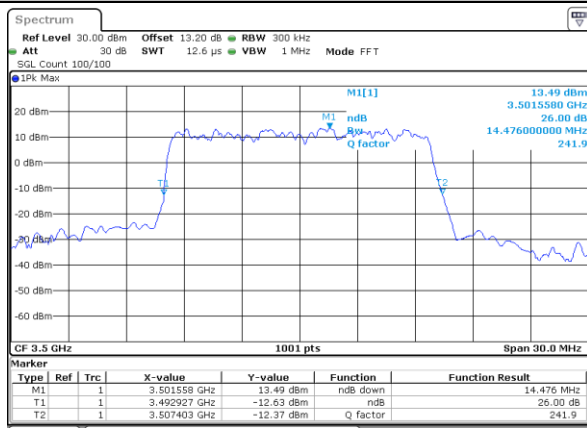
Middle Channel / 5MHz / 64QAM



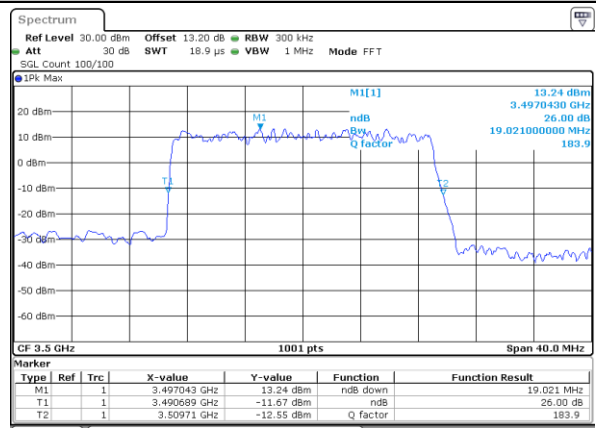
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



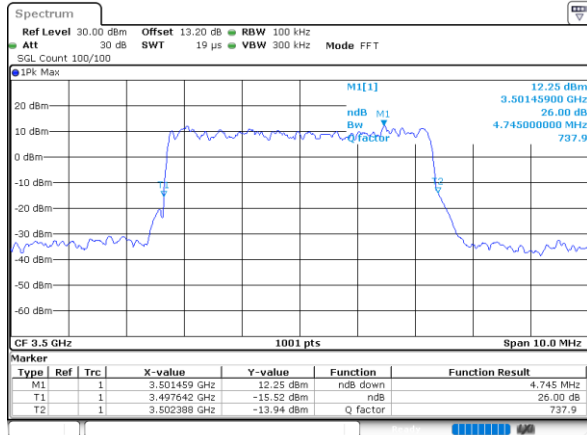
Middle Channel / 20MHz / 64QAM



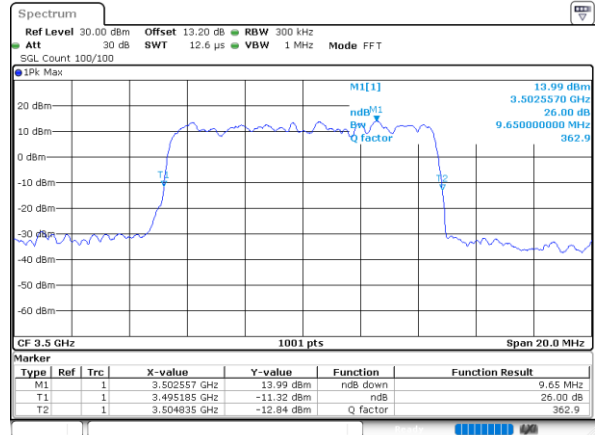


LTE Band 42

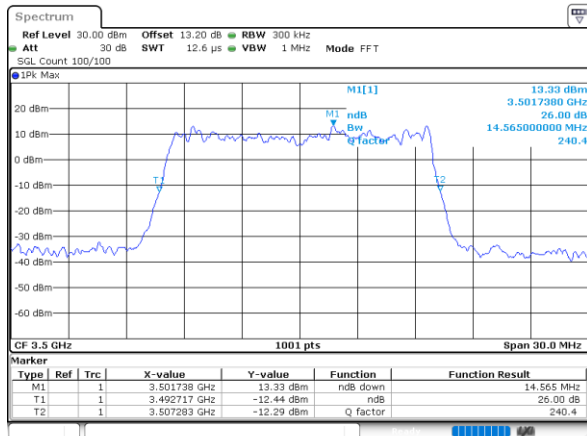
Middle Channel / 5MHz / 256QAM



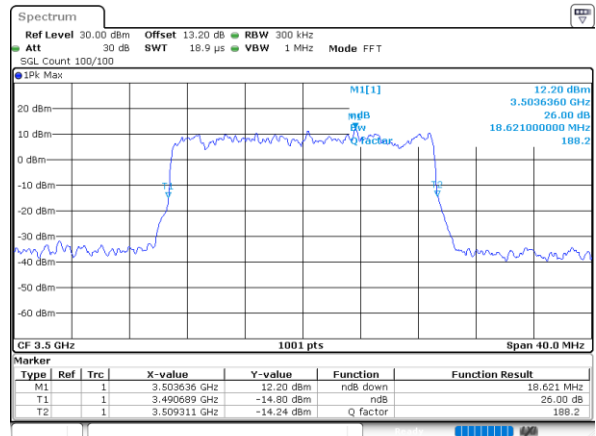
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



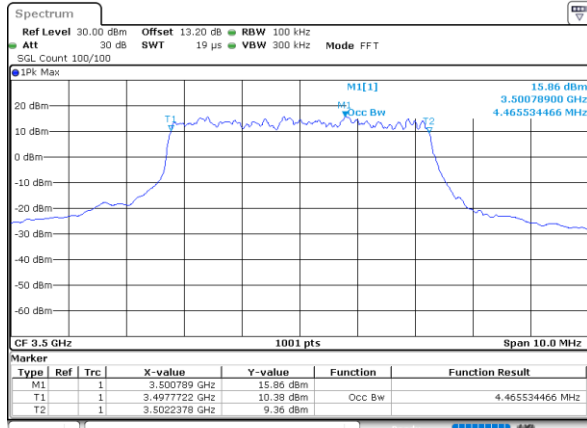
**Occupied Bandwidth**

Mode	LTE Band 42 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.46	4.48	9.03	9.03	13.42	13.42	17.78	17.86
Mode	LTE Band 42 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.47	4.45	9.01	9.07	13.54	13.45	17.98	17.86



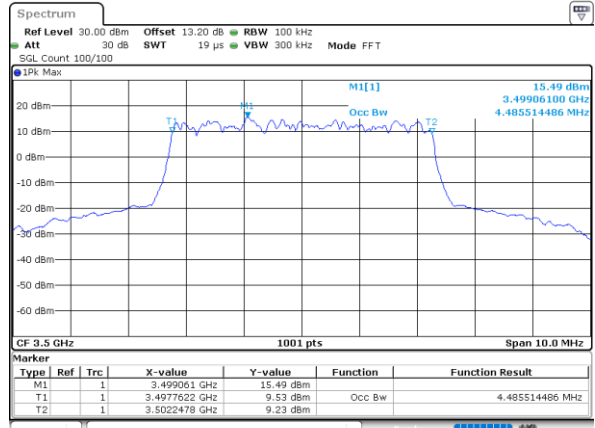
LTE Band 42

Middle Channel / 5MHz / QPSK



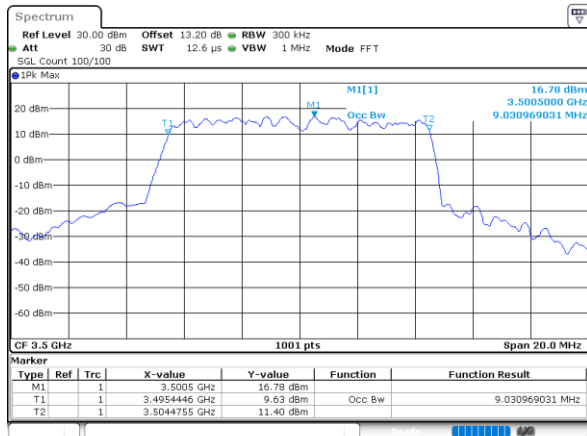
Date: 30.MAY.2024 16:09:00

Middle Channel / 5MHz / 16QAM



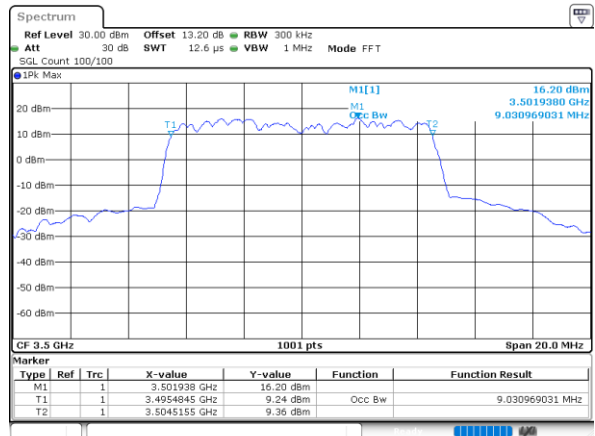
Date: 30.MAY.2024 16:09:50

Middle Channel / 10MHz / QPSK



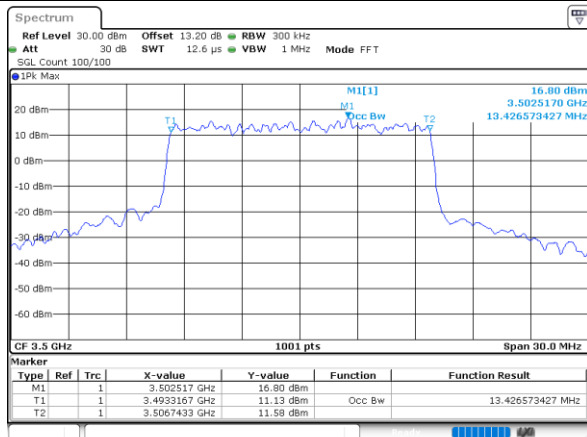
Date: 30.MAY.2024 16:21:50

Middle Channel / 10MHz / 16QAM



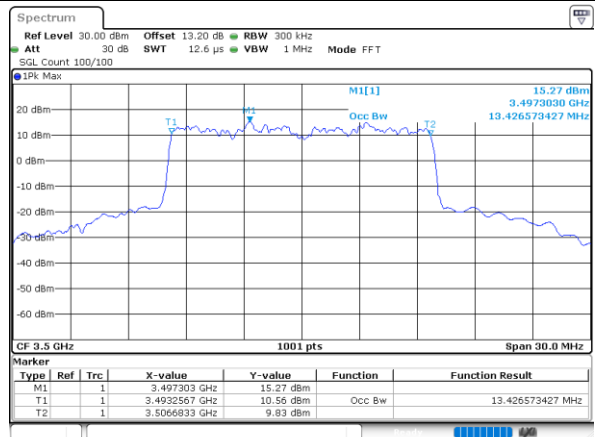
Date: 30.MAY.2024 16:22:40

Middle Channel / 15MHz / QPSK



Date: 30.MAY.2024 16:39:26

Middle Channel / 15MHz / 16QAM

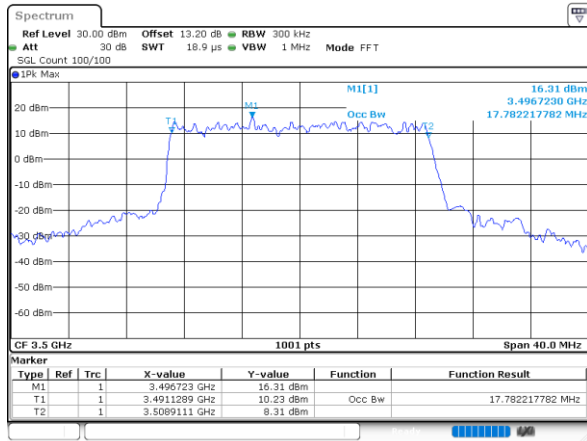


Date: 30.MAY.2024 16:40:16

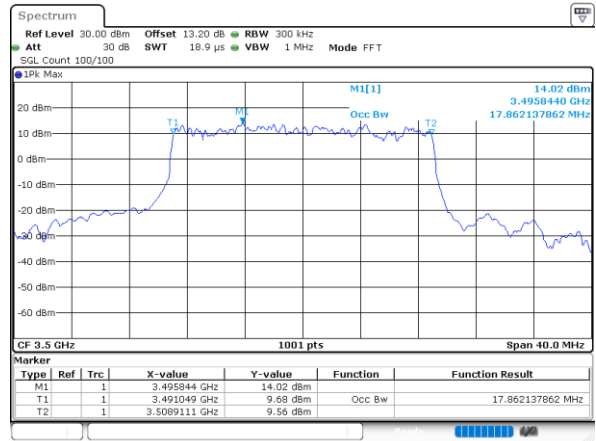


LTE Band 42

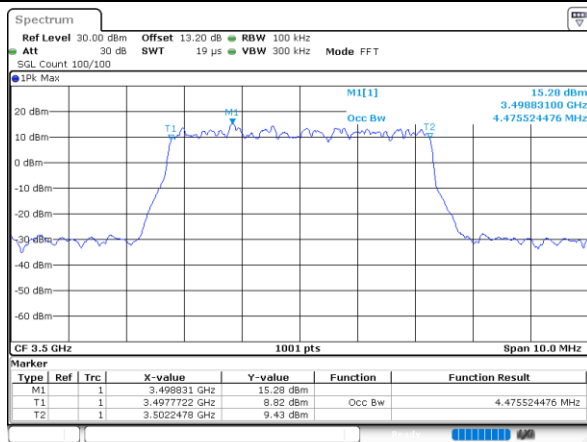
Middle Channel / 20MHz / QPSK



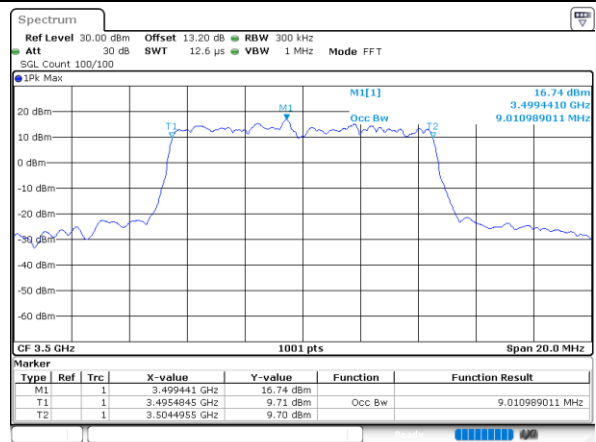
Middle Channel / 20MHz / 16QAM



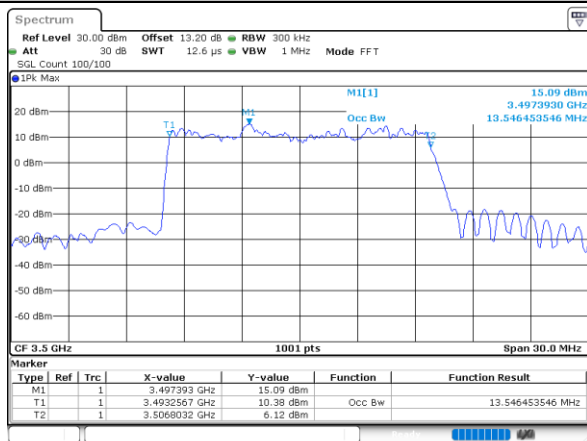
Middle Channel / 5MHz / 64QAM



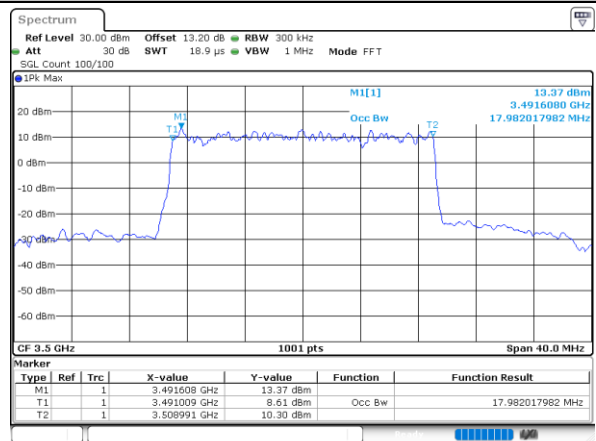
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



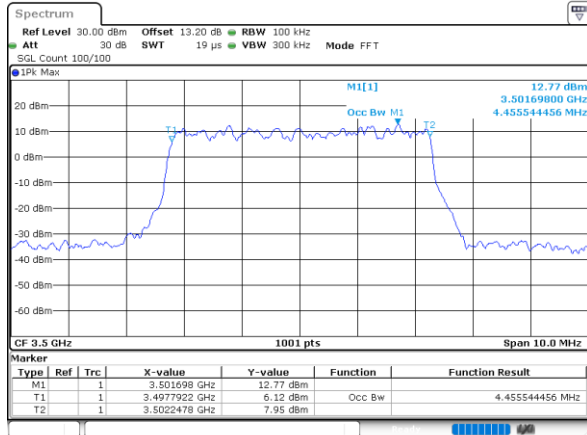
Middle Channel / 20MHz / 64QAM



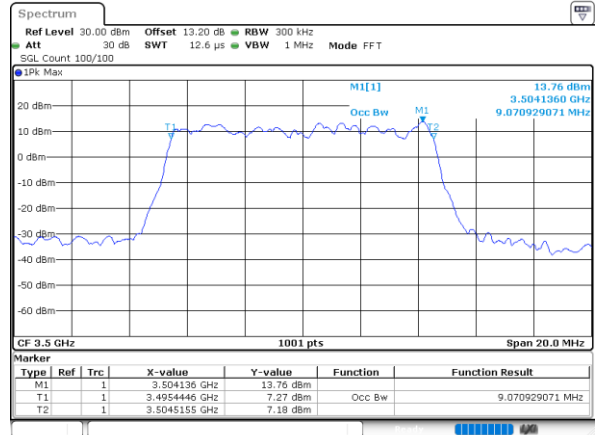


LTE Band 42

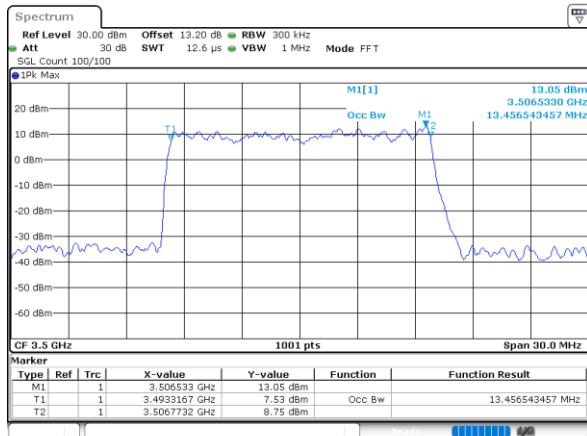
Middle Channel / 5MHz / 256QAM



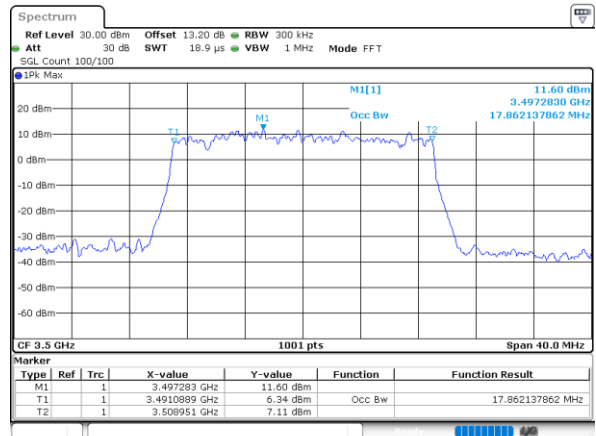
Middle Channel / 10MHz / 256QAM

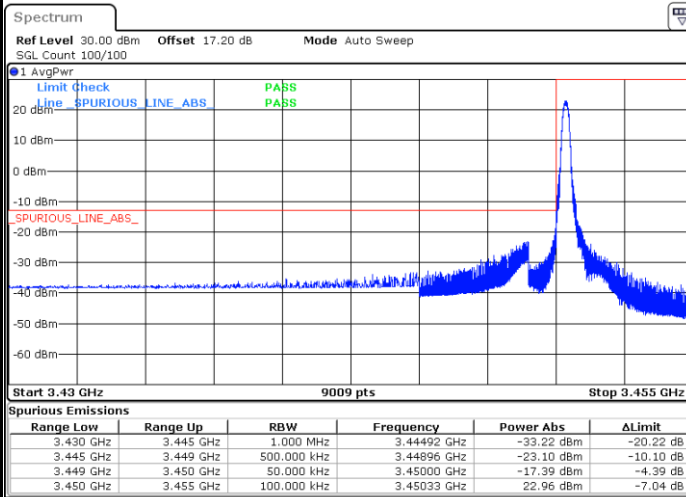
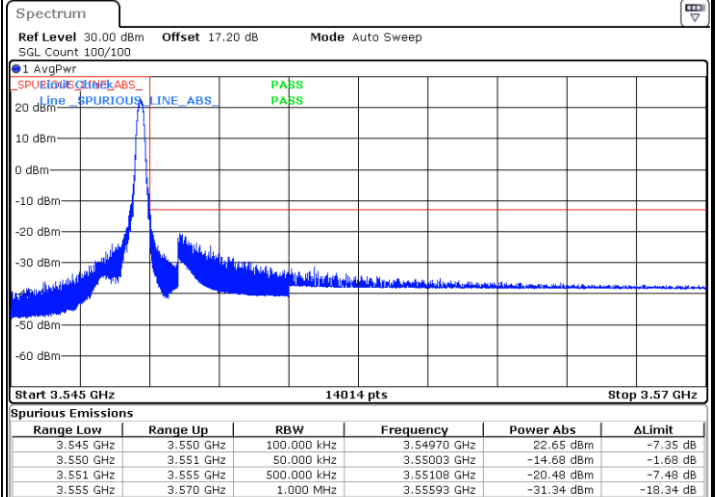
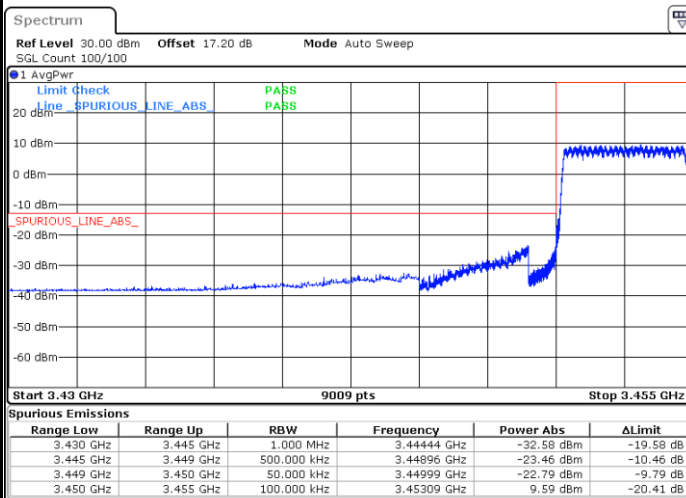
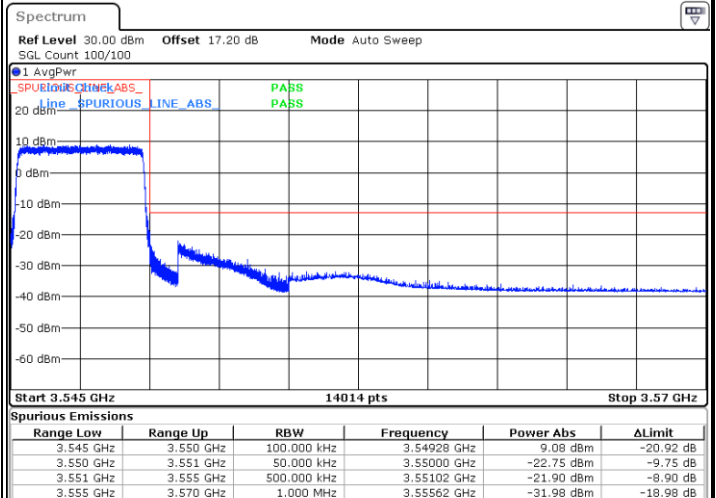


Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

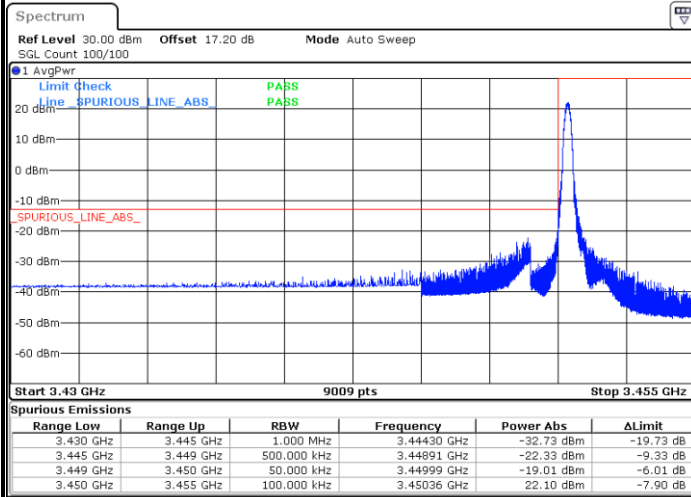


**Conducted Band Edge****LTE Band 42 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



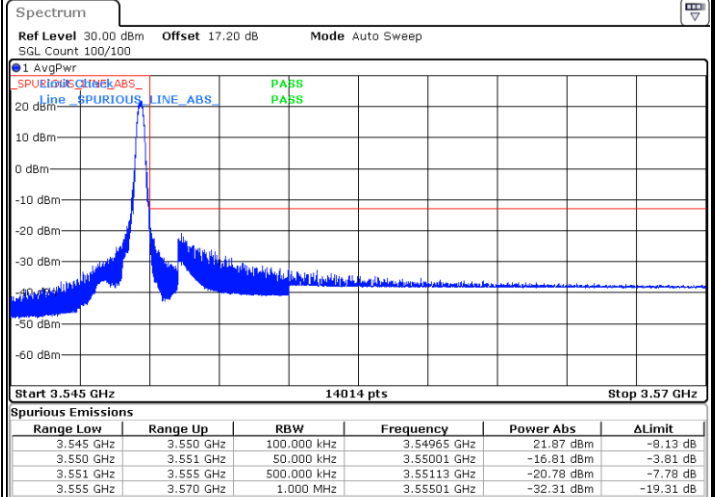
LTE Band 42 / 5MHz / 16QAM

Lowest Band Edge / 1RB



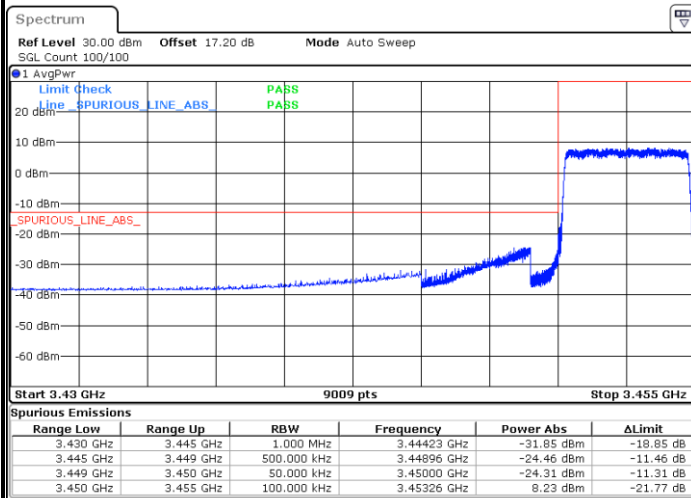
Date: 30.MAY.2024 15:24:41

Highest Band Edge / 1 RB



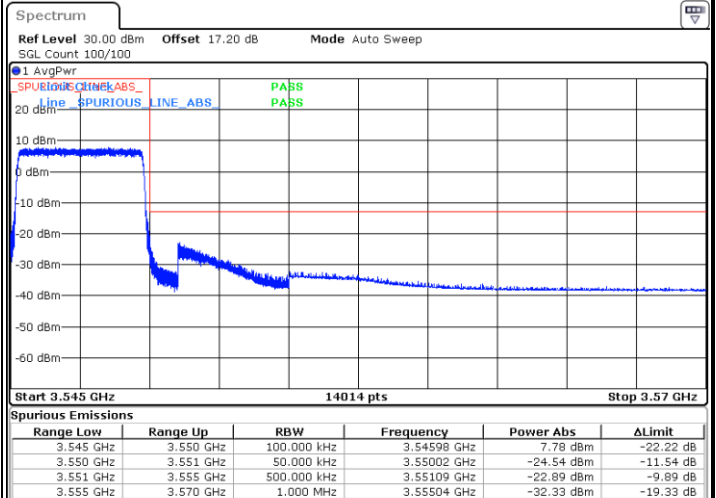
Date: 30.MAY.2024 15:31:57

Lowest Band Edge / Full RB



Date: 30.MAY.2024 15:28:19

Highest Band Edge / Full RB

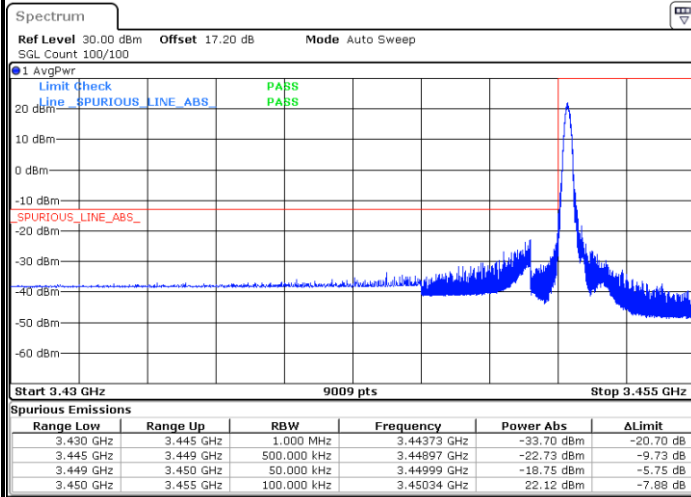


Date: 30.MAY.2024 15:38:22



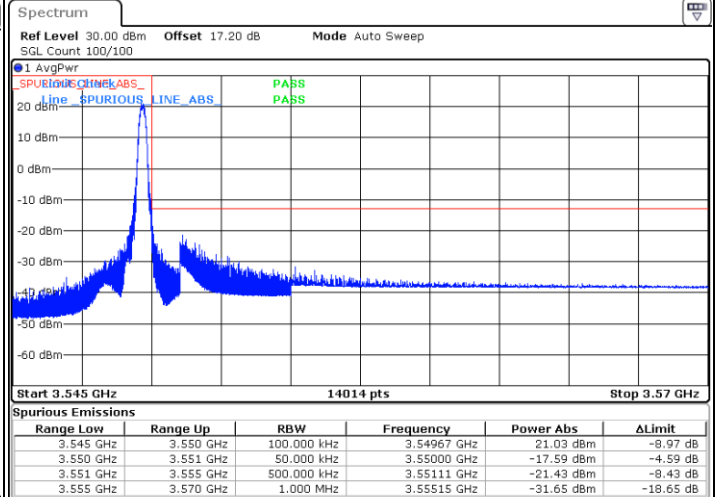
LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB



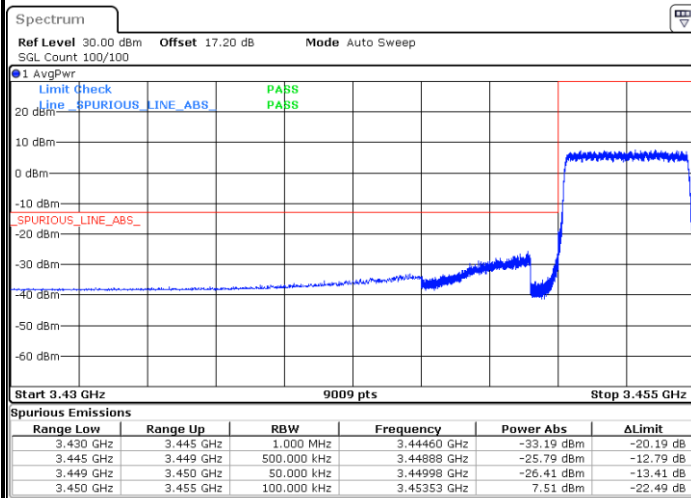
Date: 30.MAY.2024 15:25:35

Highest Band Edge / 1 RB



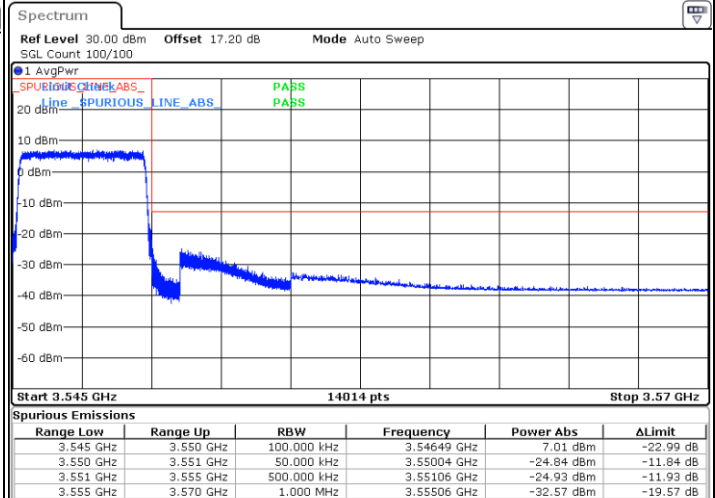
Date: 30.MAY.2024 15:32:51

Lowest Band Edge / Full RB



Date: 30.MAY.2024 15:29:13

Highest Band Edge / Full RB

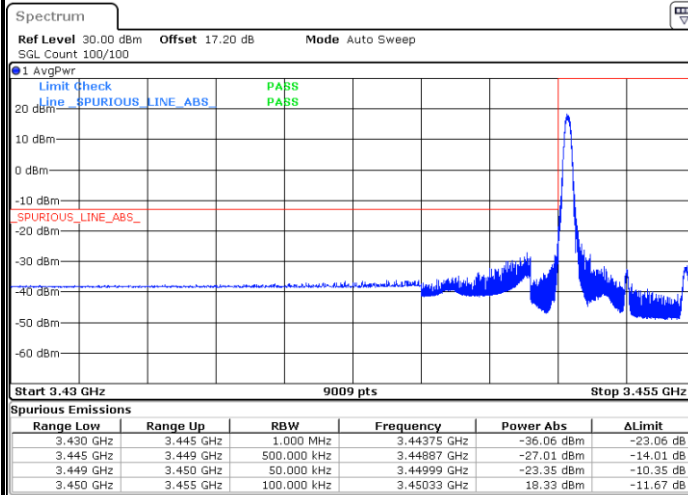


Date: 30.MAY.2024 15:39:16



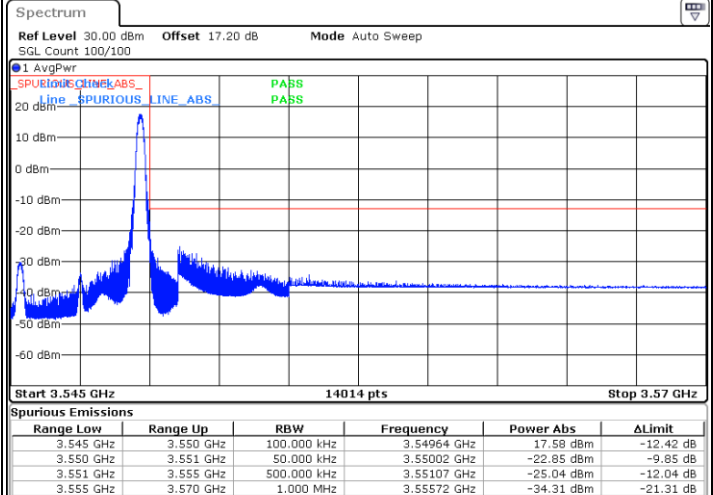
LTE Band 42 / 5MHz / 256QAM

Lowest Band Edge / 1RB



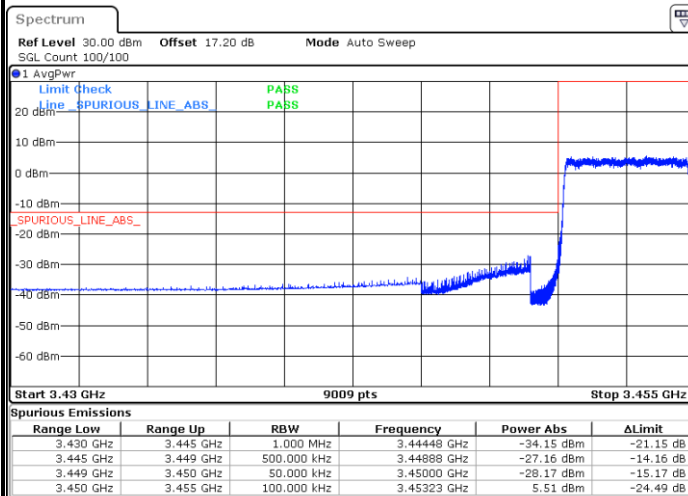
Date: 30.MAY.2024 15:26:29

Highest Band Edge / 1 RB



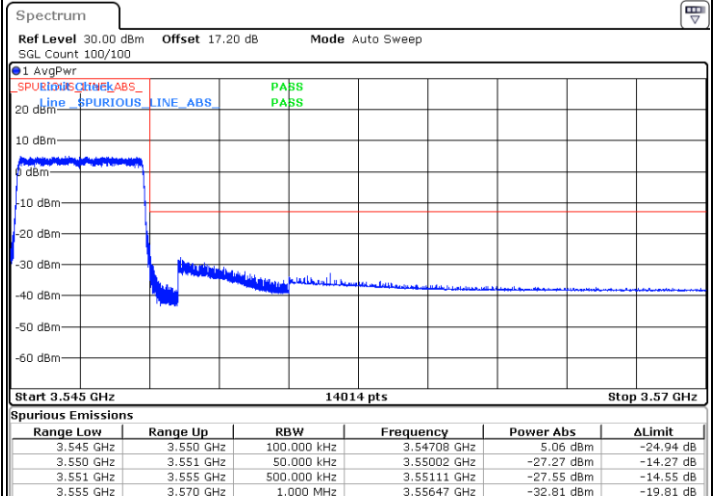
Date: 30.MAY.2024 15:36:32

Lowest Band Edge / Full RB



Date: 30.MAY.2024 15:30:07

Highest Band Edge / Full RB

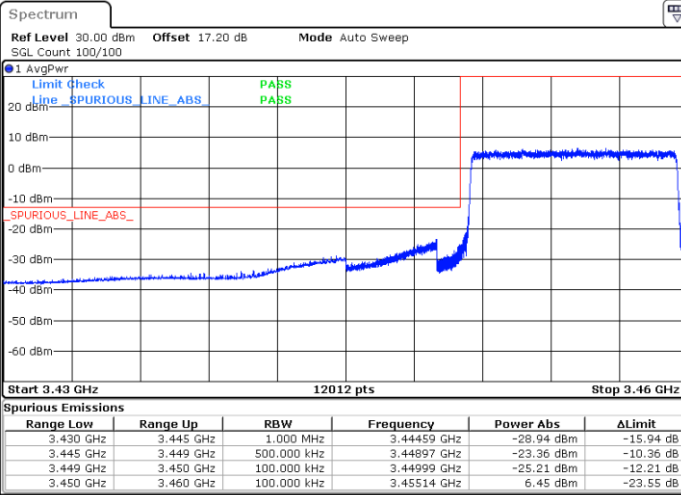


Date: 30.MAY.2024 15:40:10

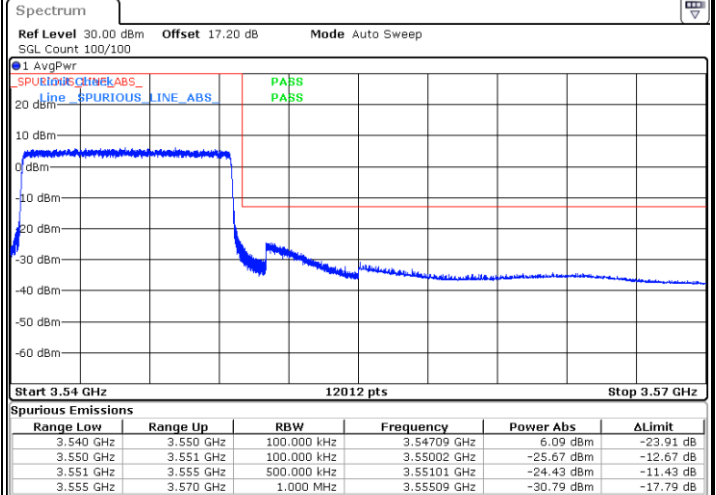


LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / Full RB

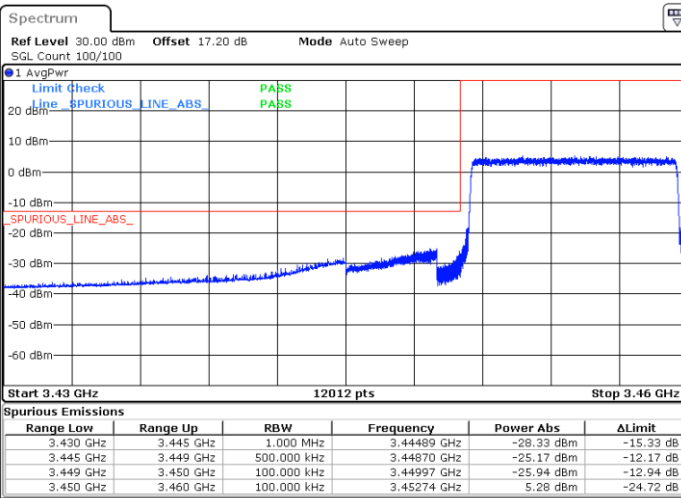


Highest Band Edge / Full RB

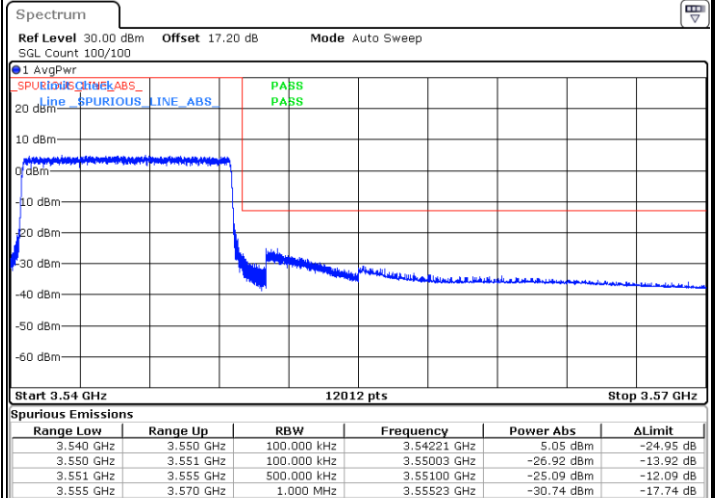


TE Band 42 / 10MHz / 16QAM

Lowest Band Edge / Full RB



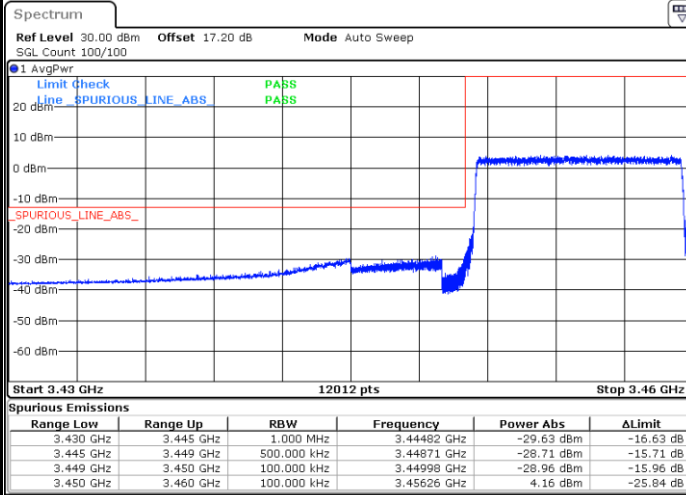
Highest Band Edge / Full RB



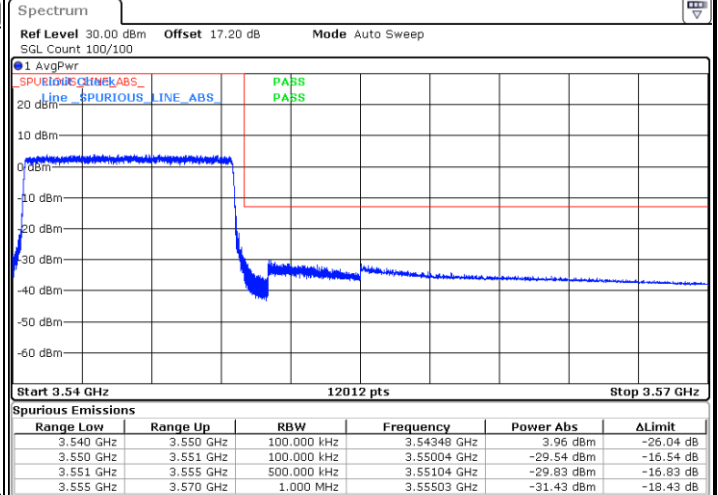


LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / Full RB

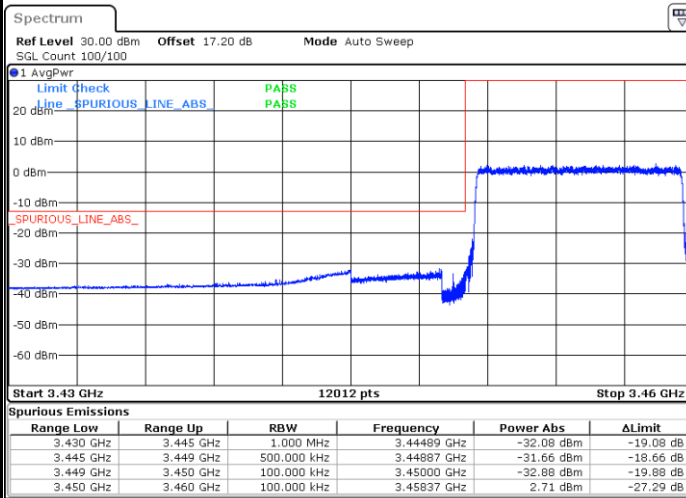


Highest Band Edge / Full RB

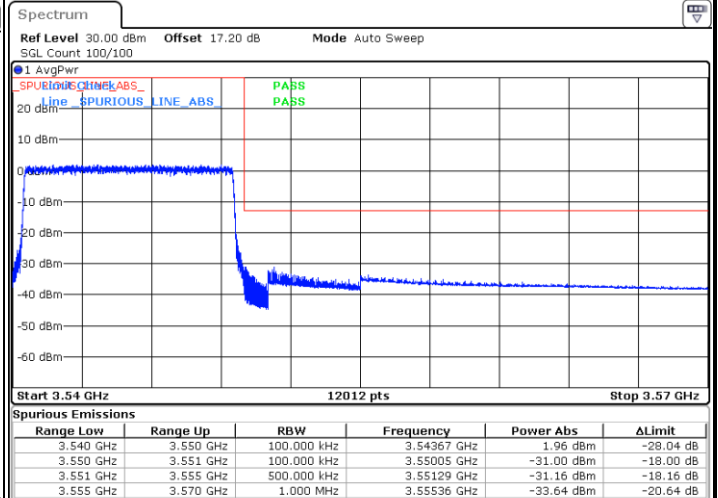


LTE Band 42 / 10MHz / 256QAM

Lowest Band Edge / Full RB



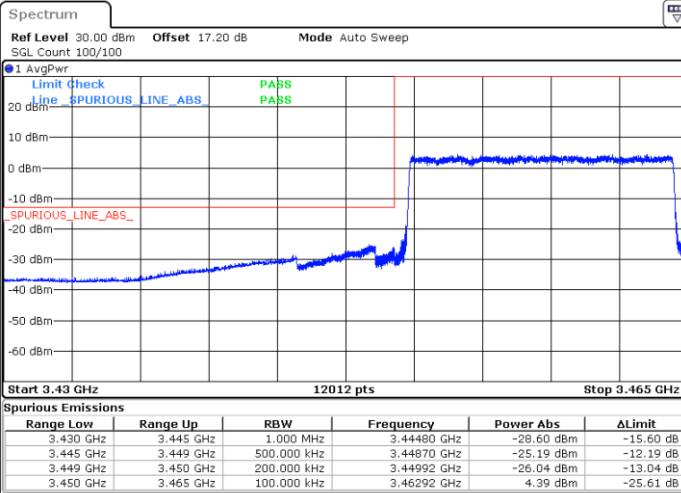
Highest Band Edge / Full RB



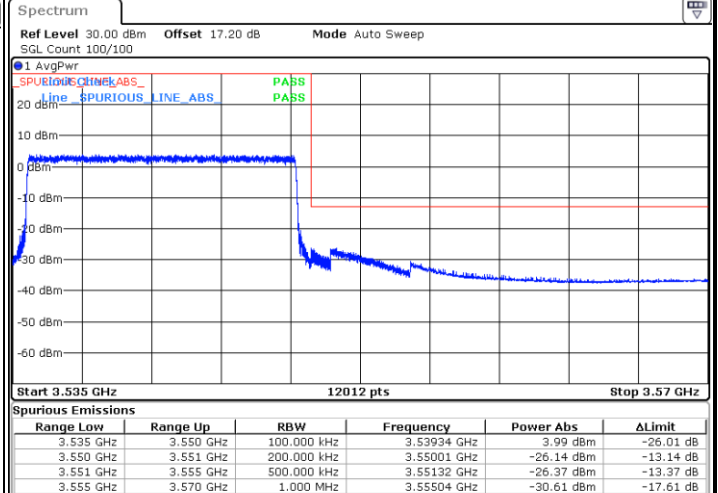


LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / Full RB

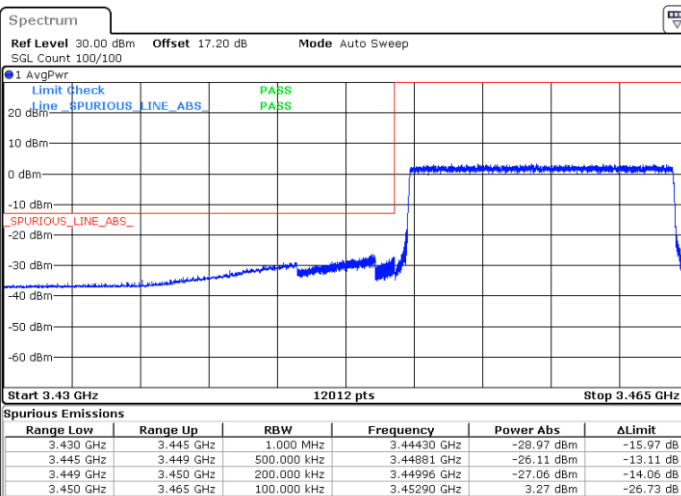


Highest Band Edge / Full RB

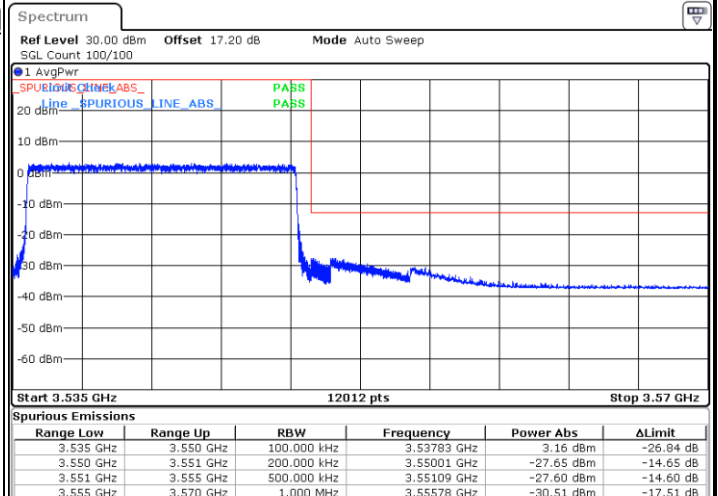


LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / Full RB



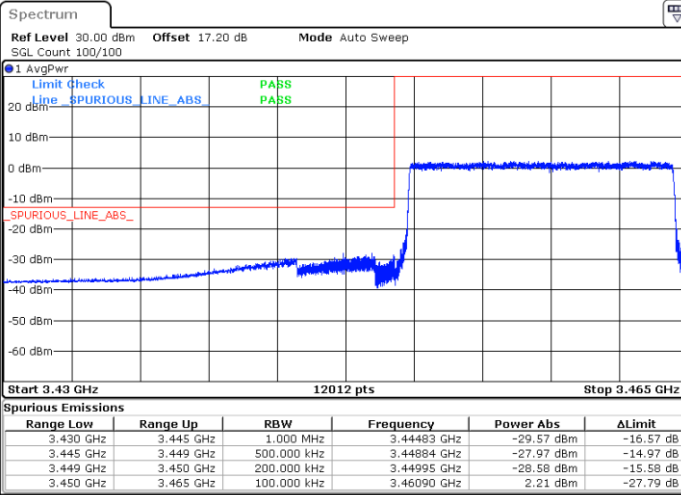
Highest Band Edge / Full RB



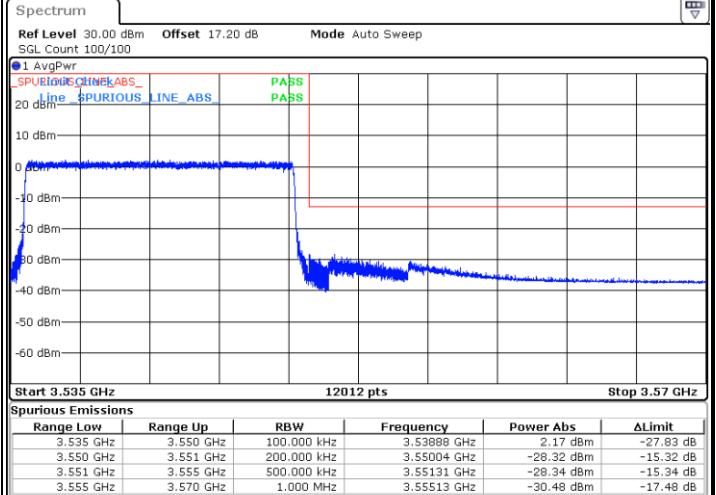


LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / Full RB

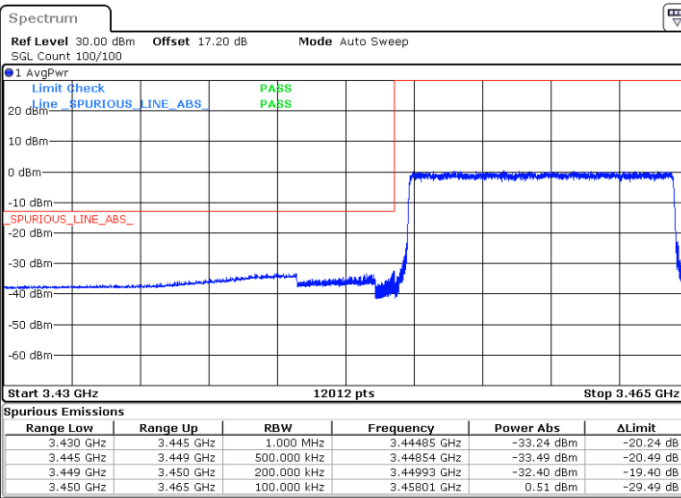


Highest Band Edge / Full RB

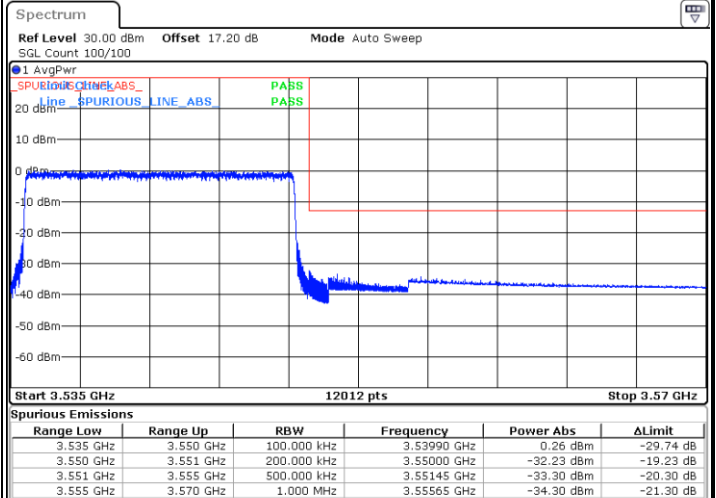


LTE Band 42 / 15MHz / 256QAM

Lowest Band Edge / Full RB



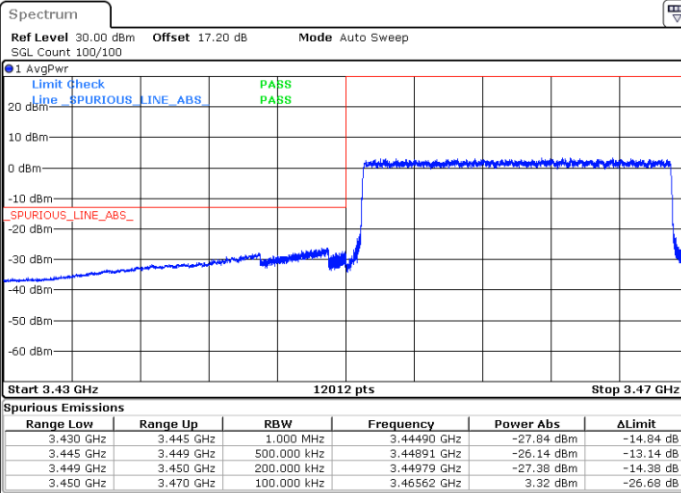
Highest Band Edge / Full RB



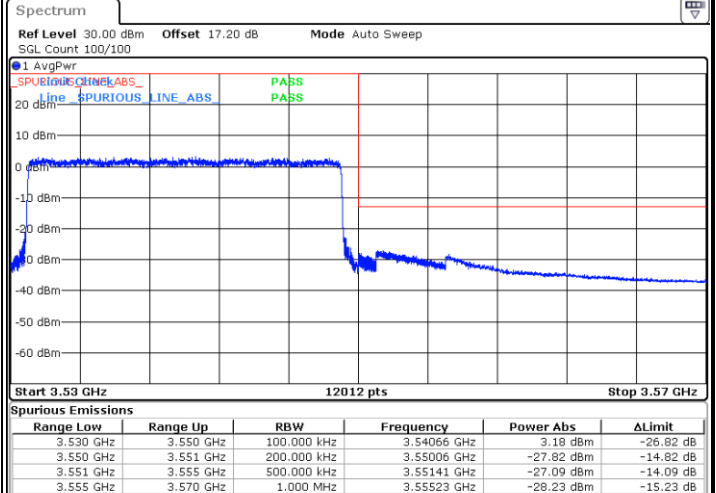


LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / Full RB

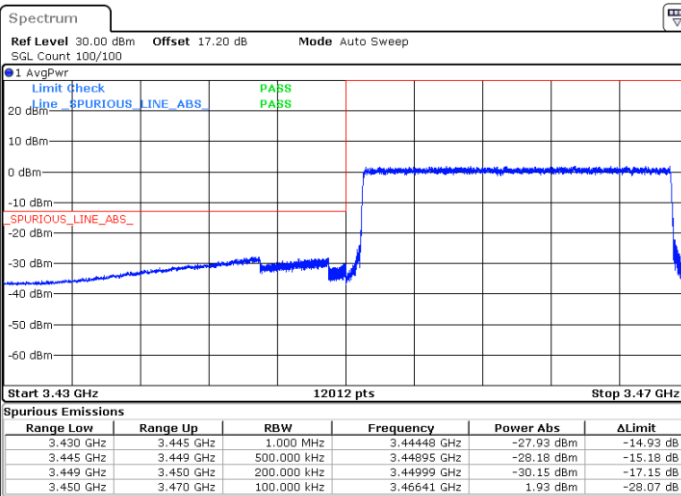


Highest Band Edge / Full RB

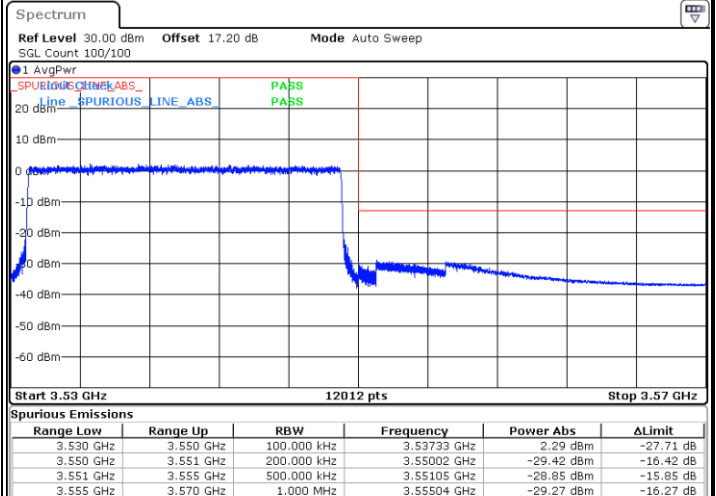


LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

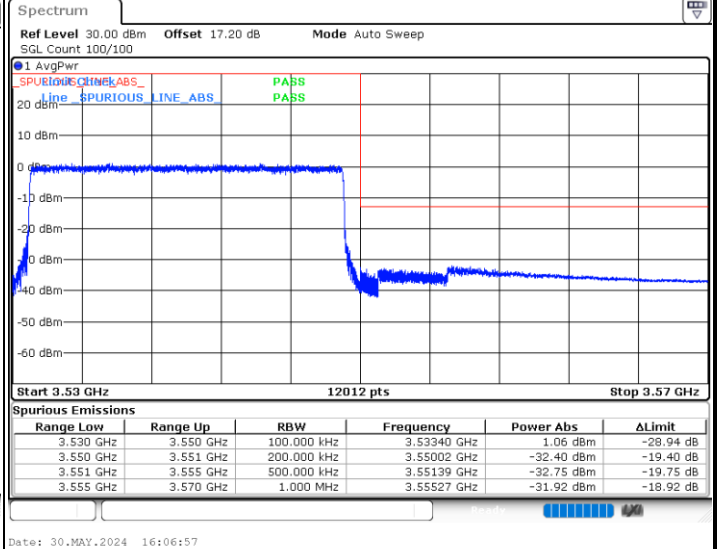
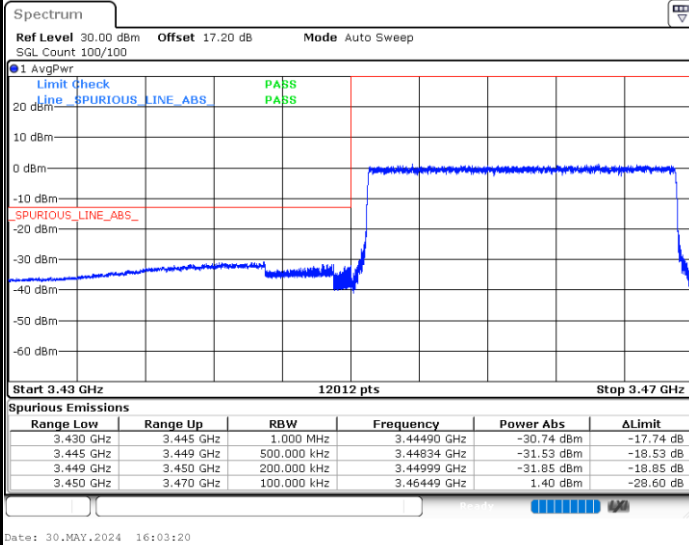




LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



LTE Band 42 / 20MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

