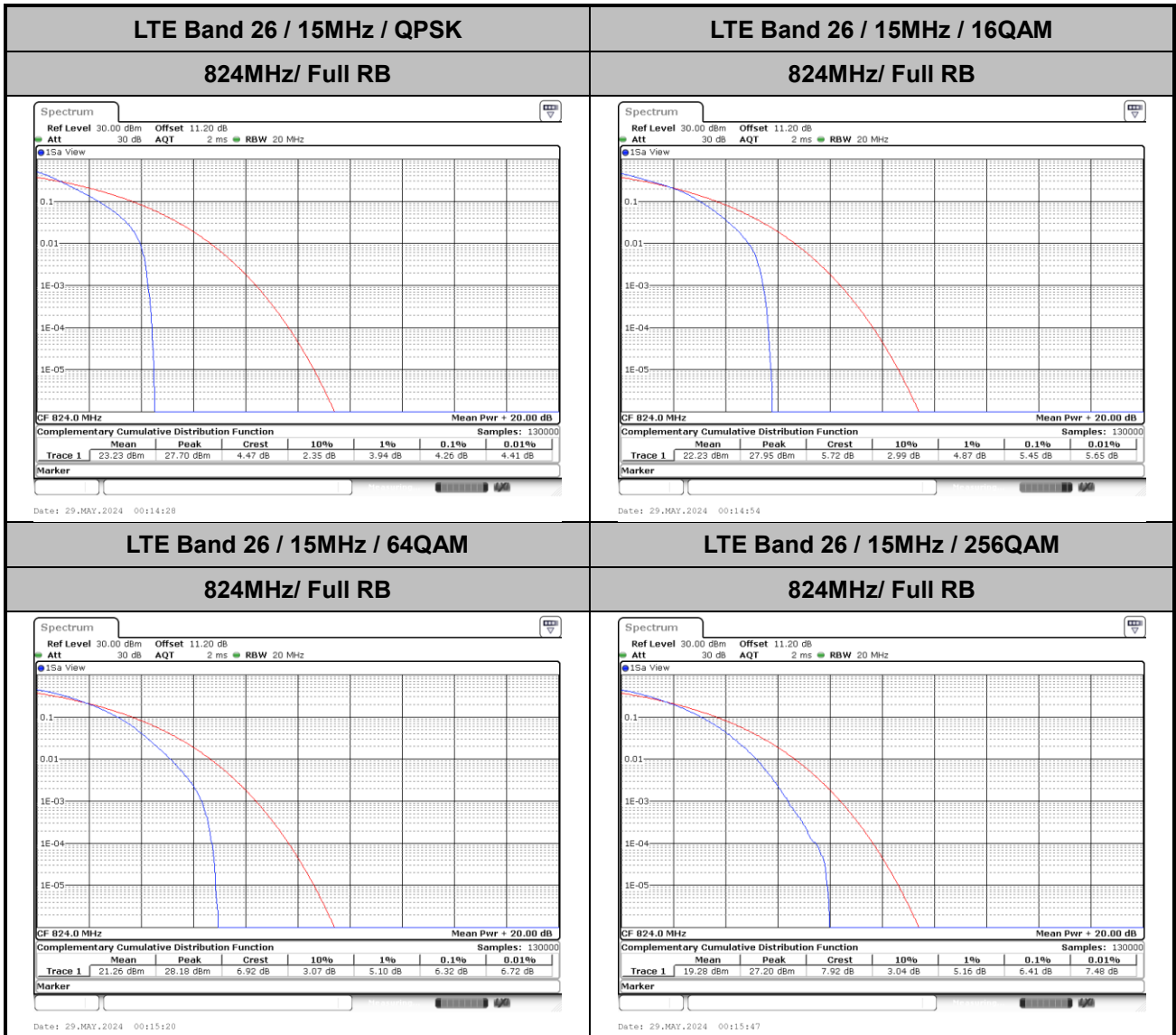




LTE Band 26_Part 90S_824MHz

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
824MHz	4.26	5.45	6.32	6.41	PASS





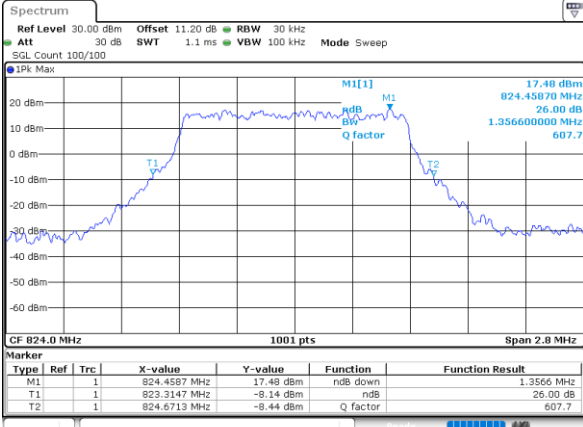
26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824MHz	1.35	1.30	3.05	3.06	4.93	4.95	9.86	9.81	14.38	14.59	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824MHz	1.28	1.33	3.05	3.02	5.00	4.99	9.84	9.89	14.29	14.41	-	-



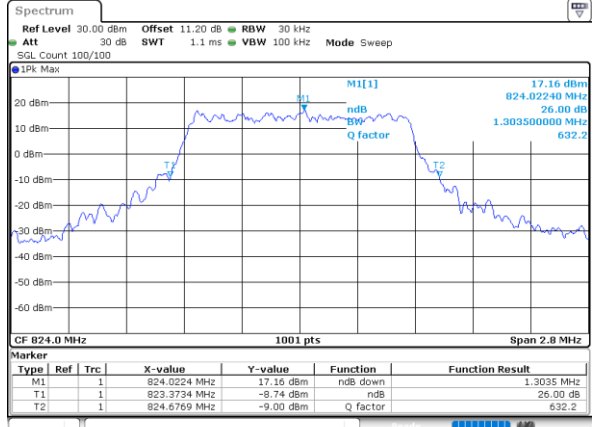
LTE Band 26

824MHz/ 1.4MHz / QPSK



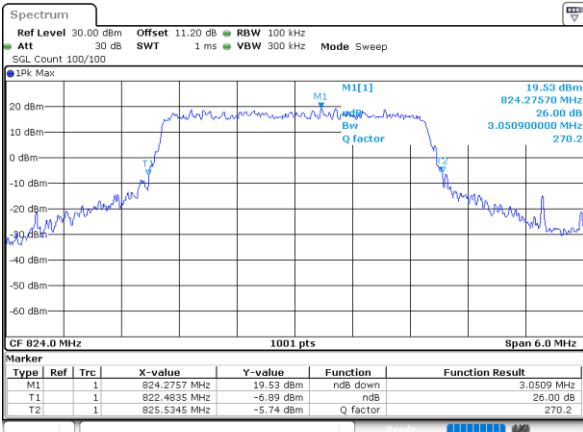
Date: 28.MAY.2024 21:04:01

824MHz/ 1.4MHz / 16QAM



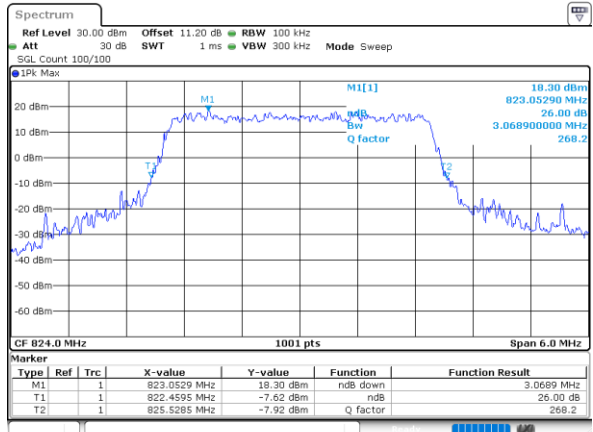
Date: 28.MAY.2024 21:04:26

824MHz/ 3MHz / QPSK



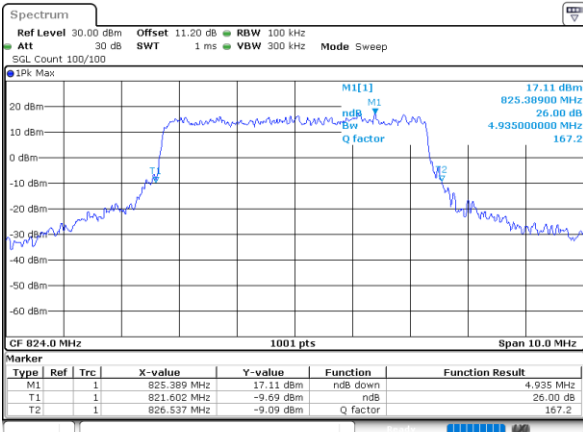
Date: 28.MAY.2024 23:51:24

824MHz/ 3MHz / 16QAM



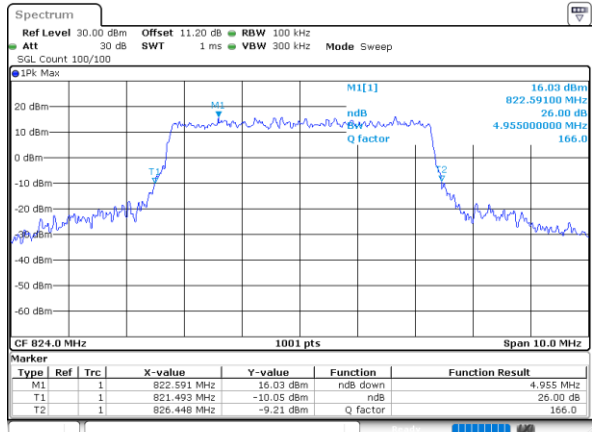
Date: 28.MAY.2024 23:51:49

824MHz/ 5MHz / QPSK



Date: 28.MAY.2024 23:56:20

824MHz/ 5MHz / 16QAM

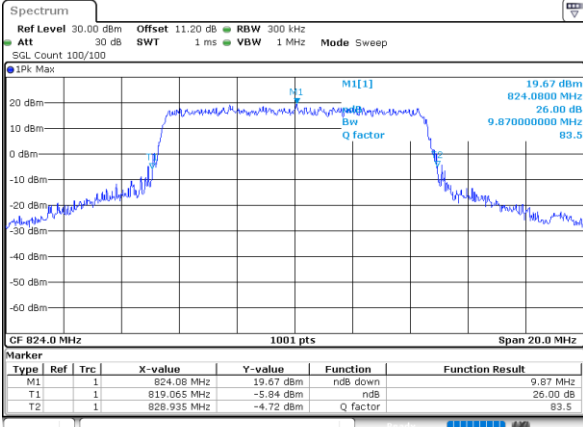


Date: 28.MAY.2024 23:56:45



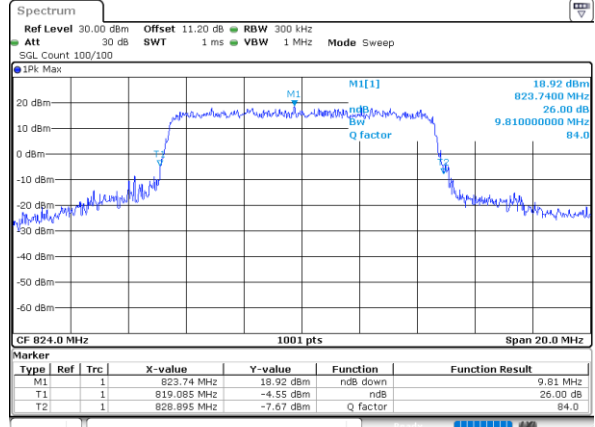
LTE Band 26

824MHz/ 10MHz / QPSK



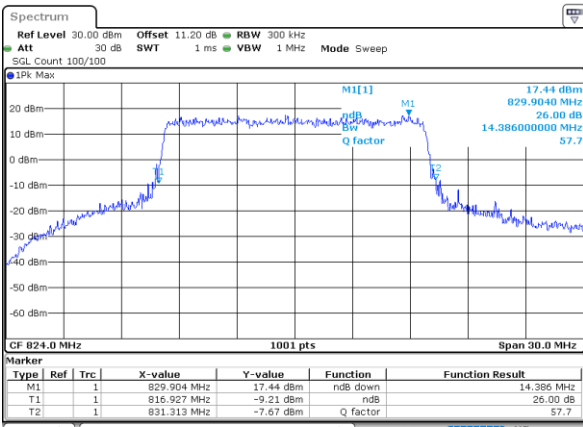
Date: 29.MAY.2024 00:06:43

824MHz/ 10MHz / 16QAM



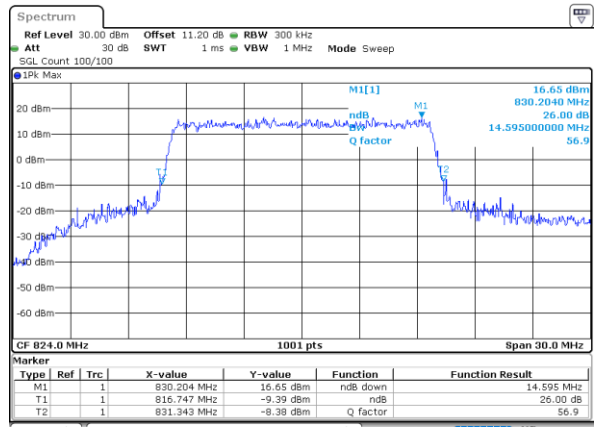
Date: 29.MAY.2024 00:07:08

824MHz/ 15MHz / QPSK



Date: 29.MAY.2024 00:12:04

824MHz/ 15MHz / 16QAM

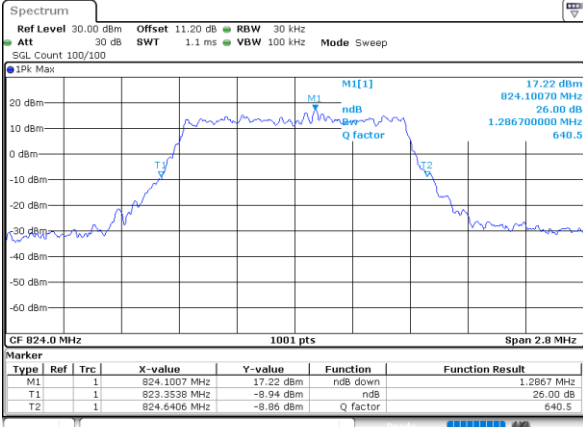


Date: 29.MAY.2024 00:12:29



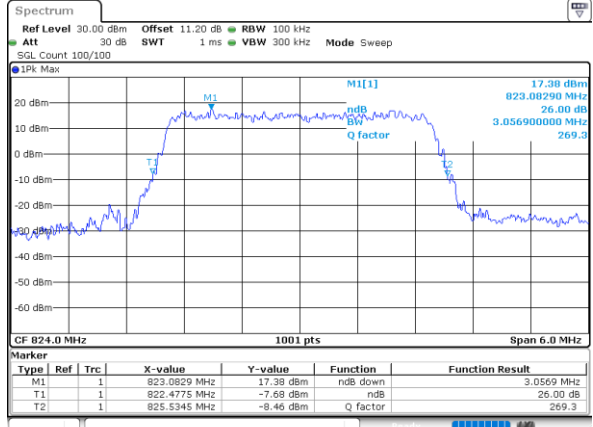
LTE Band 26

824MHz/ 1.4MHz / 64QAM



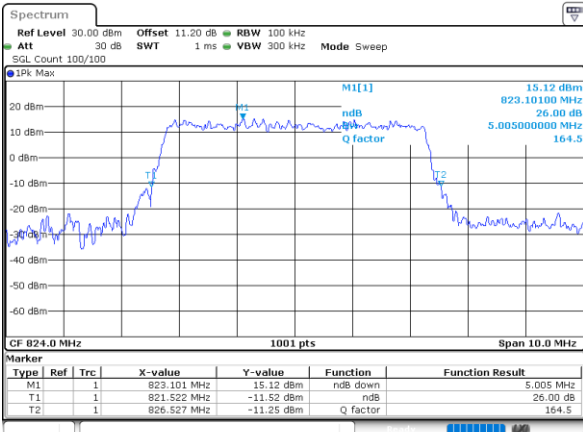
Date: 28.MAY.2024 21:05:18

824MHz/ 3MHz / 64QAM



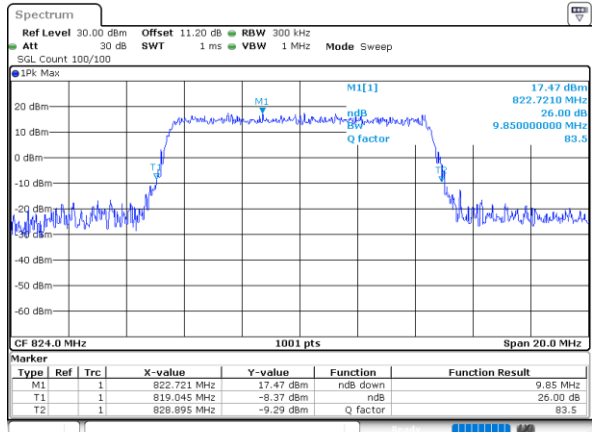
Date: 28.MAY.2024 23:52:41

824MHz/ 5MHz / 64QAM



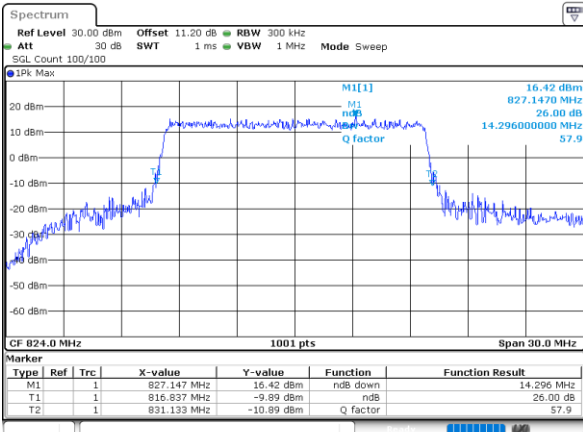
Date: 28.MAY.2024 23:57:06

824MHz/ 10MHz / 64QAM



Date: 29.MAY.2024 00:07:59

824MHz/ 15MHz / 64QAM



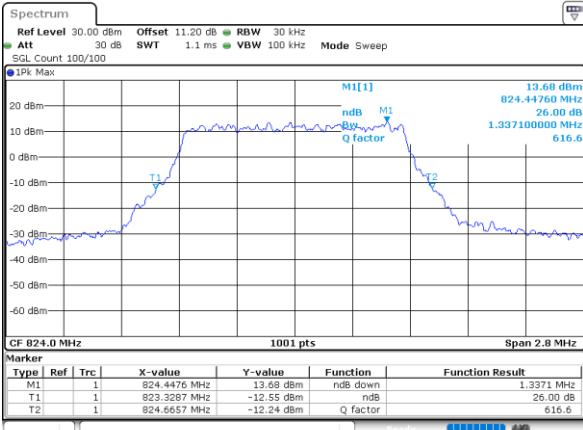
Date: 29.MAY.2024 00:13:21

N/A



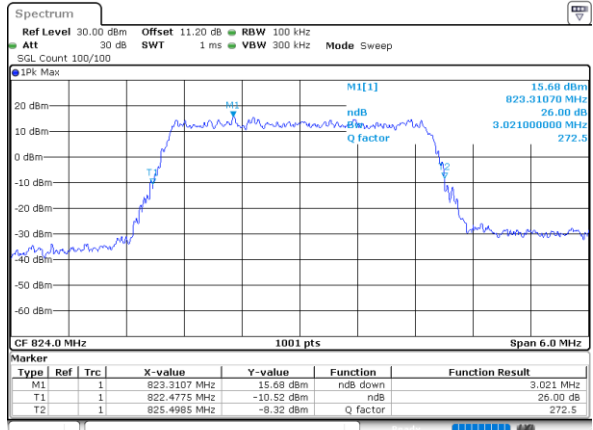
LTE Band 26

824MHz/ 1.4MHz / 256QAM



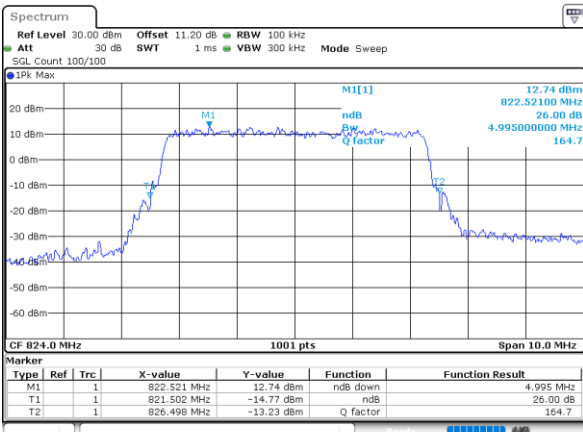
Date: 28.MAY.2024 21:05:16

824MHz/ 3MHz / 256QAM



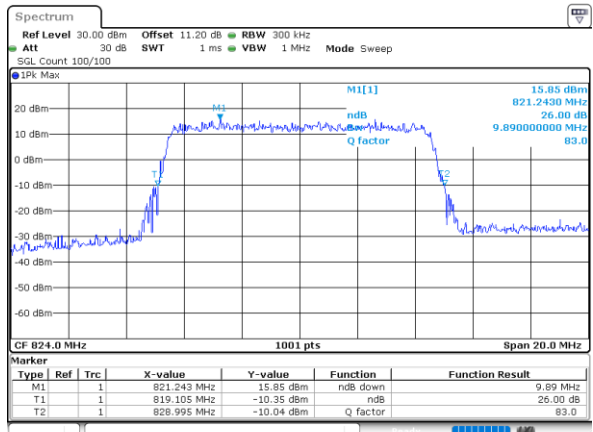
Date: 28.MAY.2024 23:53:19

824MHz/ 5MHz / 256QAM



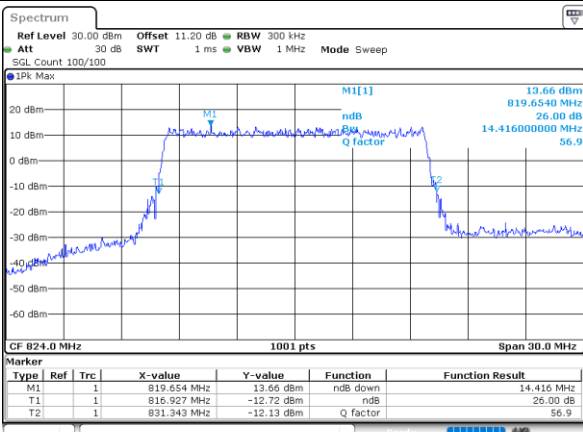
Date: 28.MAY.2024 23:58:14

824MHz/ 10MHz / 256QAM



Date: 29.MAY.2024 00:08:37

824MHz/ 15MHz / 256QAM



Date: 29.MAY.2024 00:13:59

N/A



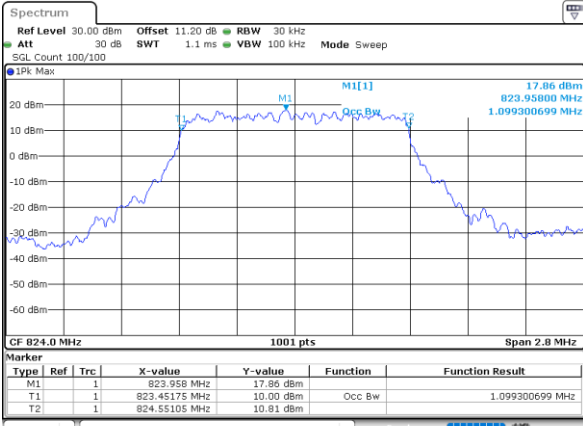
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
824MHz	1.09	1.10	2.72	2.72	4.50	4.50	9.07	9.07	13.51	13.48	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
824MHz	1.10	1.09	2.73	2.73	4.49	4.49	9.07	9.01	13.45	13.42	-	-



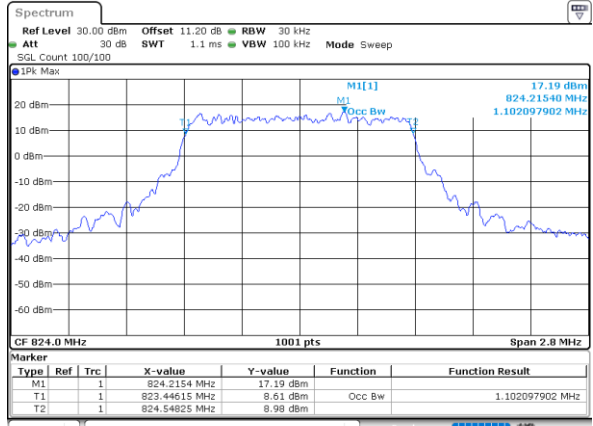
LTE Band 26

824MHz/ 1.4MHz / QPSK



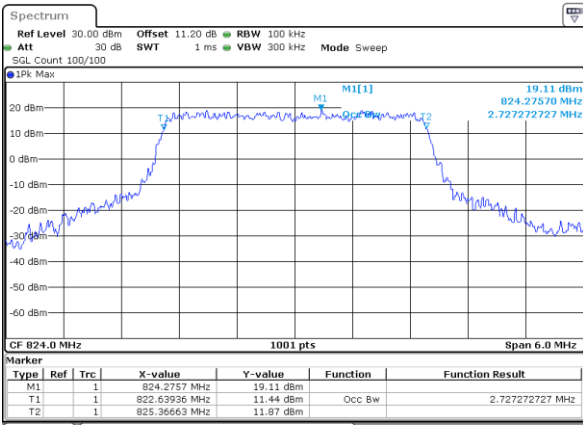
Date: 28.MAY.2024 21:03:48

824MHz/ 1.4MHz / 16QAM



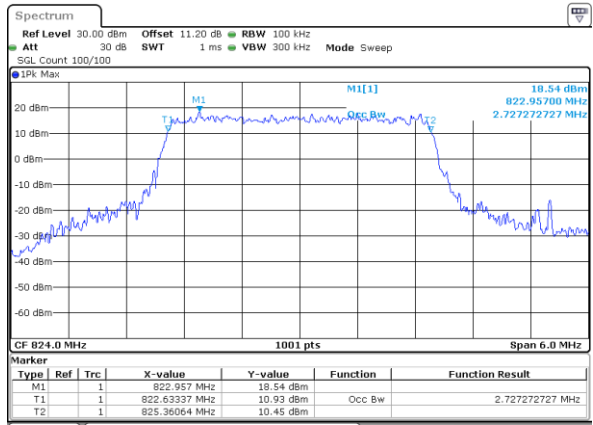
Date: 28.MAY.2024 21:04:40

824MHz/ 3MHz / QPSK



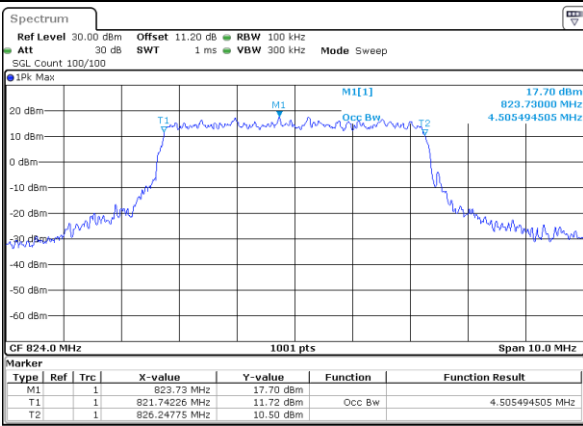
Date: 28.MAY.2024 23:51:11

824MHz/ 3MHz / 16QAM



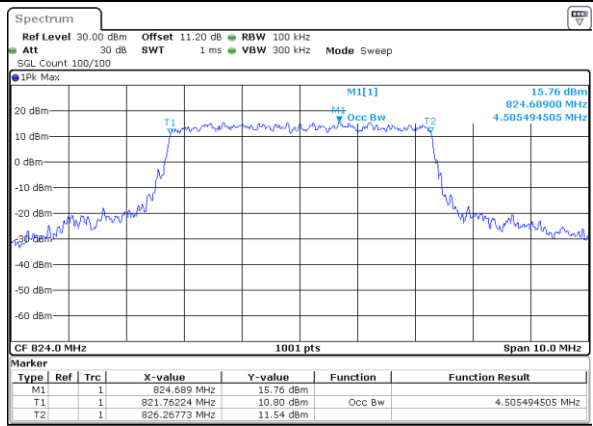
Date: 28.MAY.2024 23:52:02

824MHz/ 5MHz / QPSK



Date: 28.MAY.2024 23:56:07

824MHz/ 5MHz / 16QAM

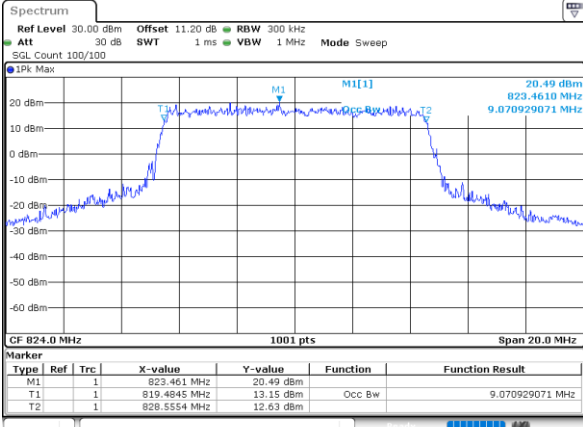


Date: 28.MAY.2024 23:56:58



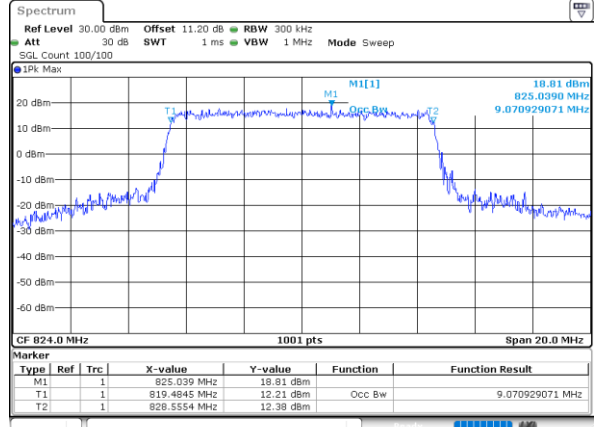
LTE Band 26

824MHz/ 10MHz / QPSK



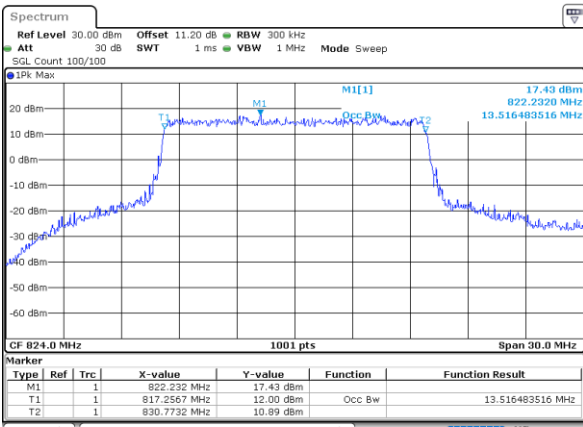
Date: 29.MAY.2024 00:06:30

824MHz/ 10MHz / 16QAM



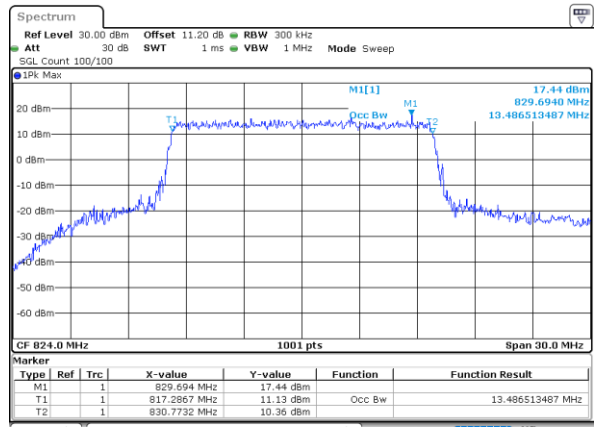
Date: 29.MAY.2024 00:07:121

824MHz/ 15MHz / QPSK



Date: 29.MAY.2024 00:11:51

824MHz/ 15MHz / 16QAM

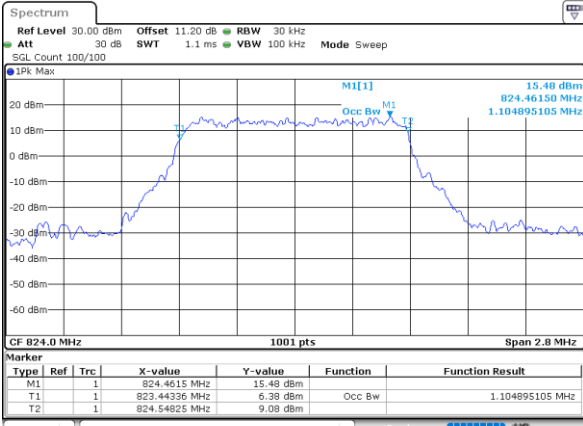


Date: 29.MAY.2024 00:12:142



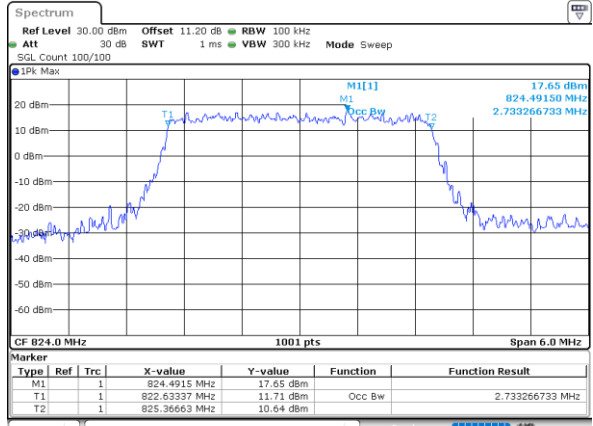
LTE Band 26

824MHz/ 1.4MHz / 64QAM



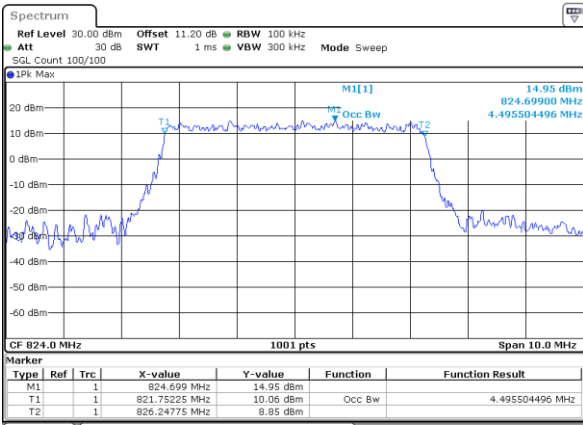
Date: 28.MAY.2024 21:05:05

824MHz/ 3MHz / 64QAM



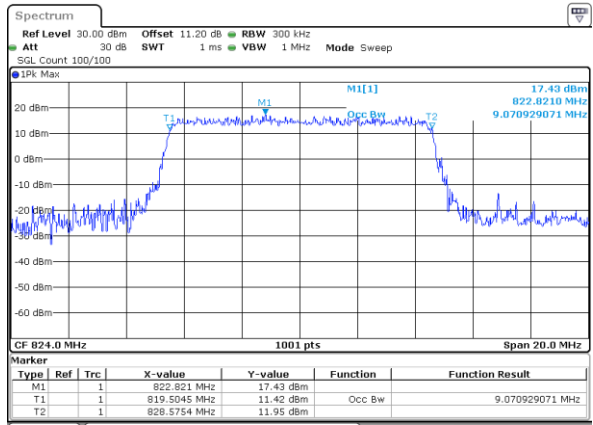
Date: 28.MAY.2024 23:52:28

824MHz/ 5MHz / 64QAM



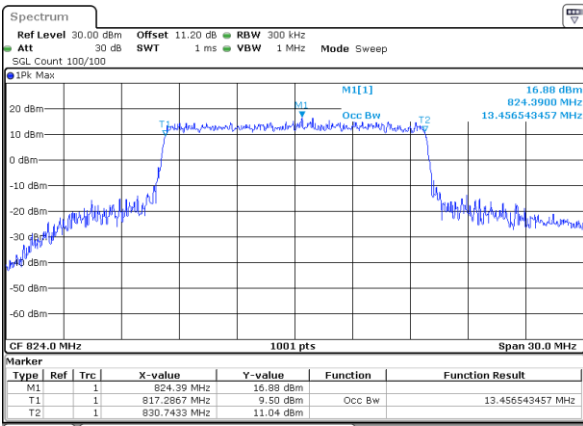
Date: 28.MAY.2024 23:57:23

824MHz/ 10MHz / 64QAM



Date: 29.MAY.2024 00:07:46

824MHz/ 15MHz / 64QAM



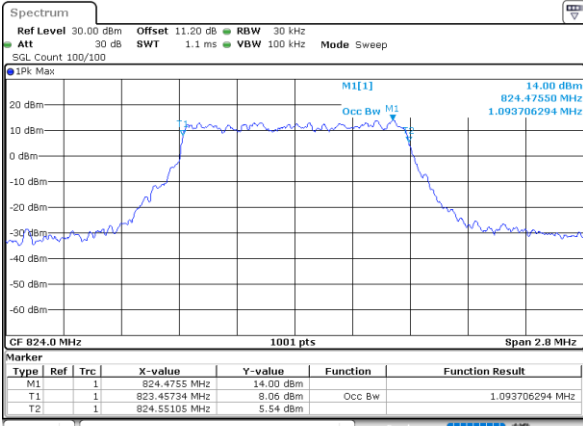
Date: 29.MAY.2024 00:13:08

N/A

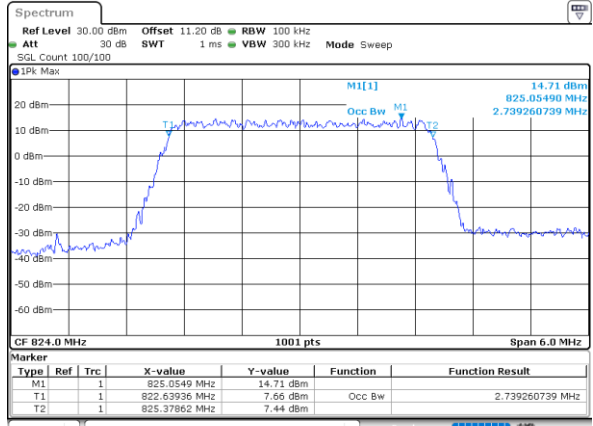


LTE Band 26

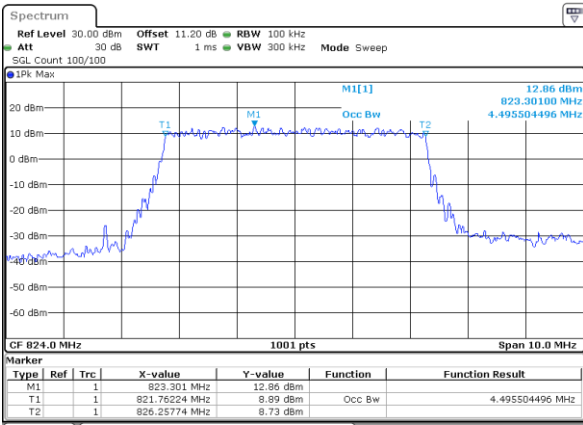
824MHz/ 1.4MHz / 256QAM



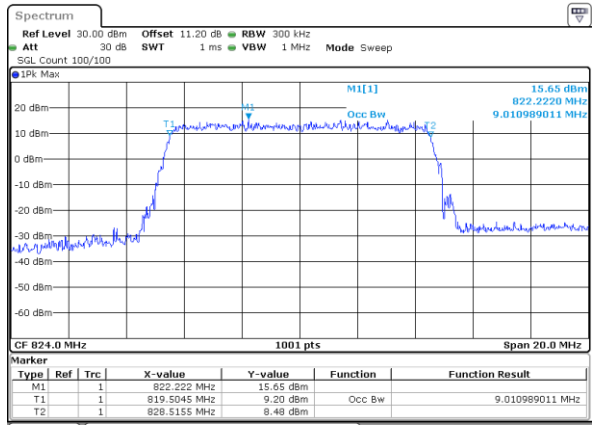
824MHz/ 3MHz / 256QAM



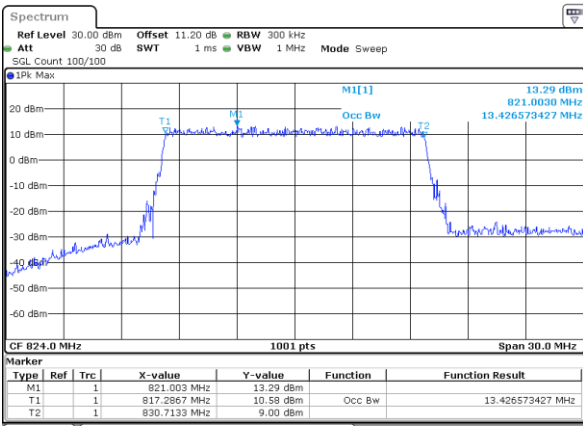
824MHz/ 5MHz / 256QAM



824MHz/ 10MHz / 256QAM



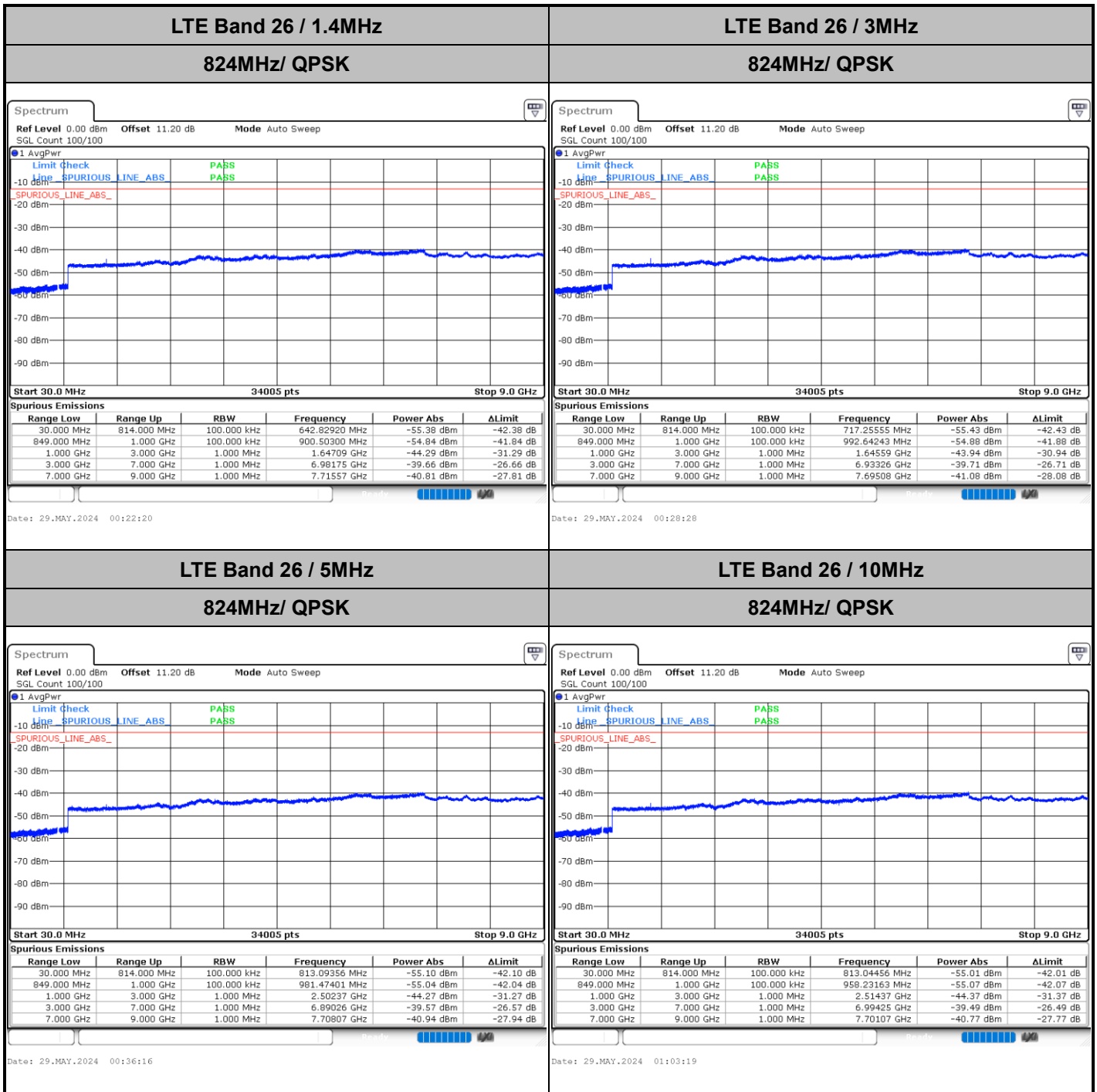
824MHz/15MHz / 256QAM

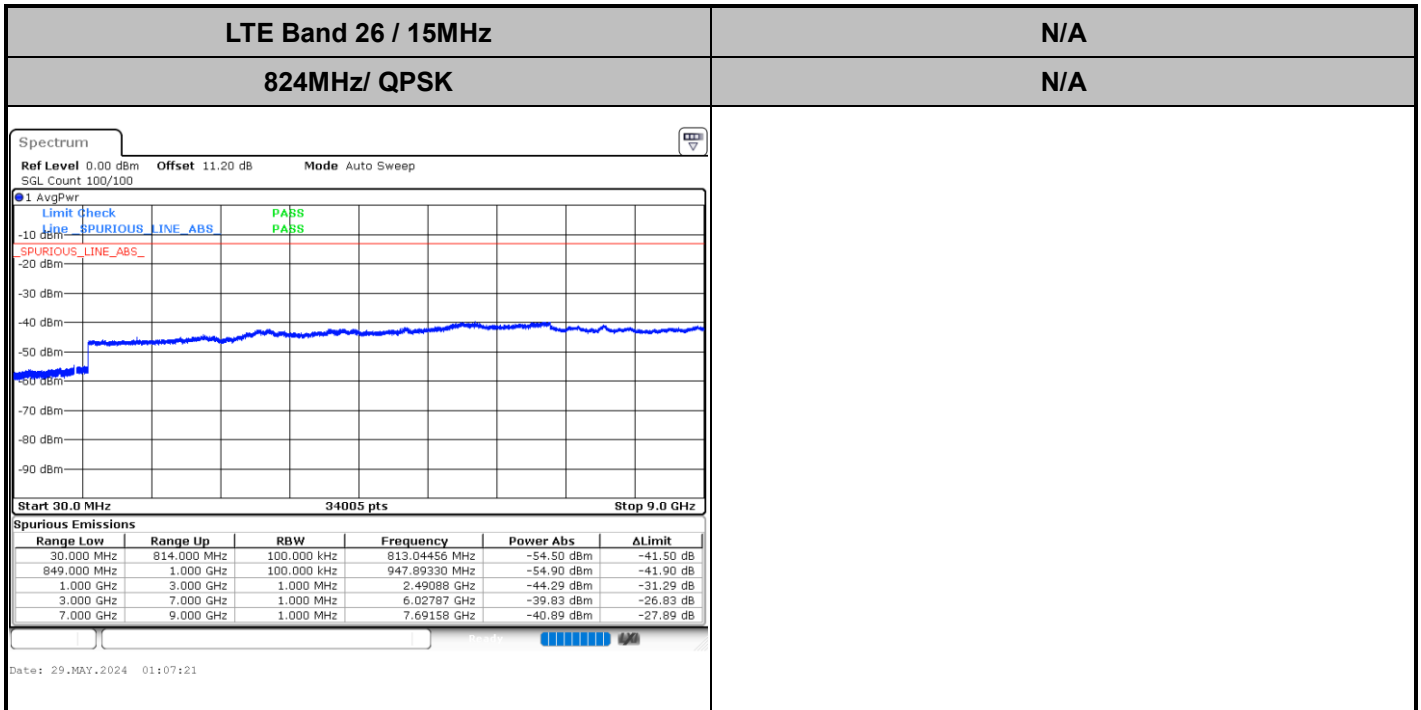


N/A



Conducted Spurious Emission







Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0146	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0191	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0201	
-20	Normal Voltage	0.0124	
-30	Normal Voltage	0.0110	
20	Maximum Voltage	0.0136	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

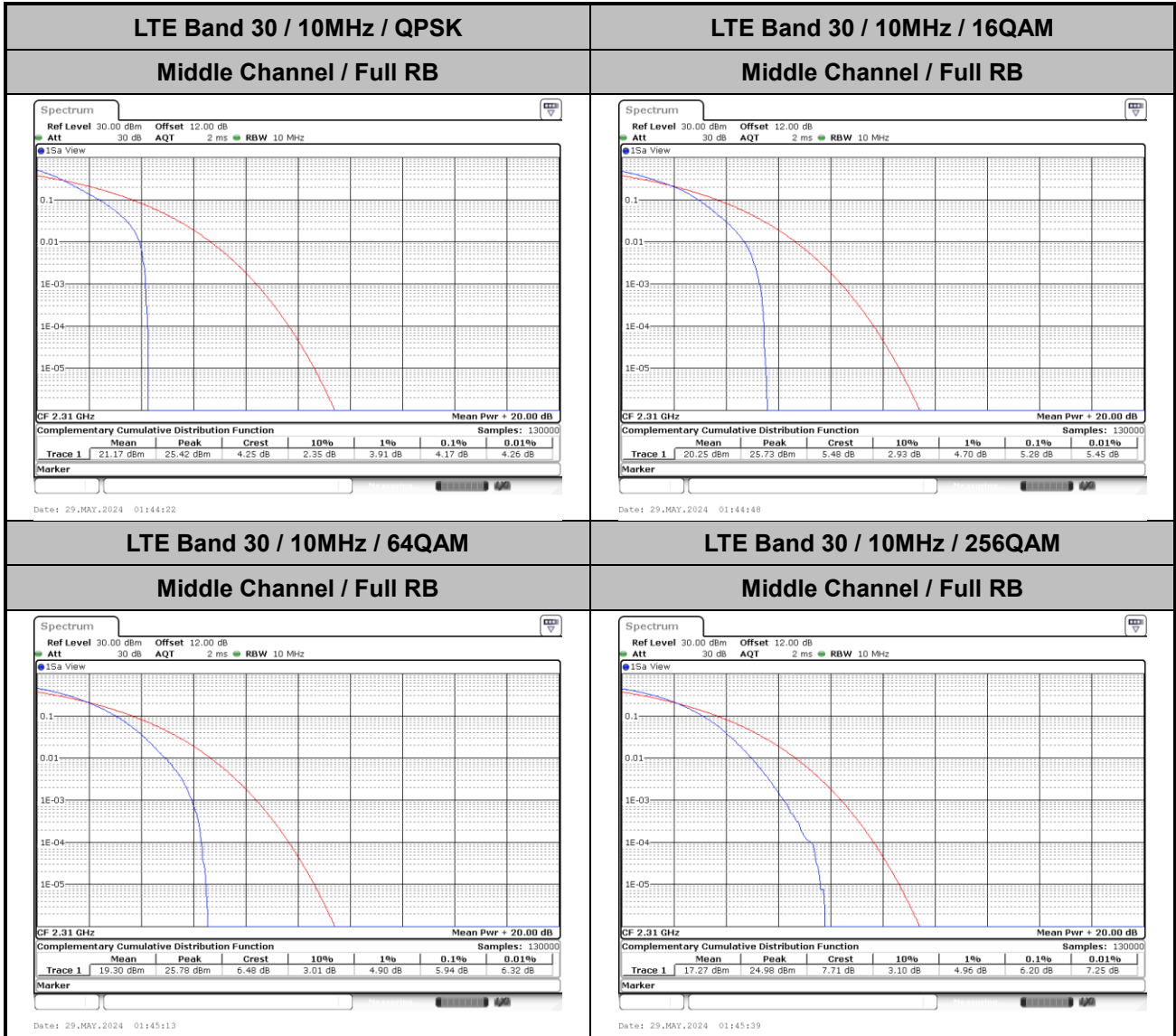
- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 30

Peak-to-Average Ratio

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.17	5.28	5.94	6.20	PASS





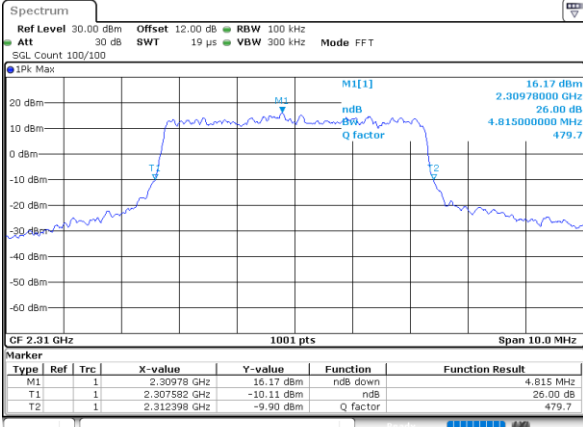
26dB Bandwidth

Mode	LTE Band 30 : 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	-	-	-	-	4.81	4.94	9.78	9.66	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	4.95	4.90	9.81	9.81	-	-	-	-



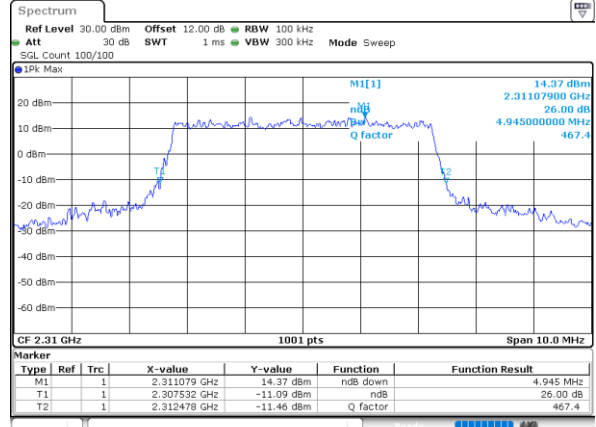
LTE Band 30

Middle Channel / 5MHz / QPSK



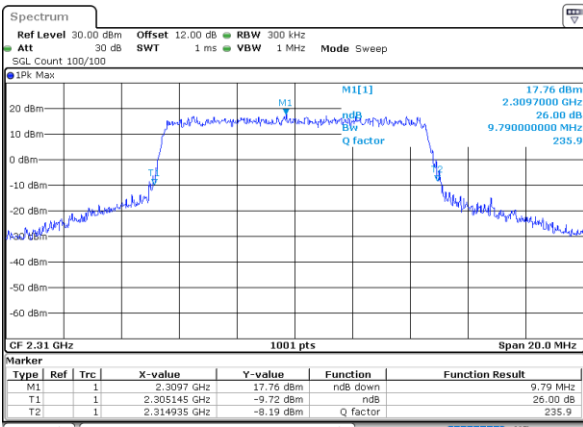
Date: 4 JUN 2024 14:22:13

Middle Channel / 5MHz / 16QAM



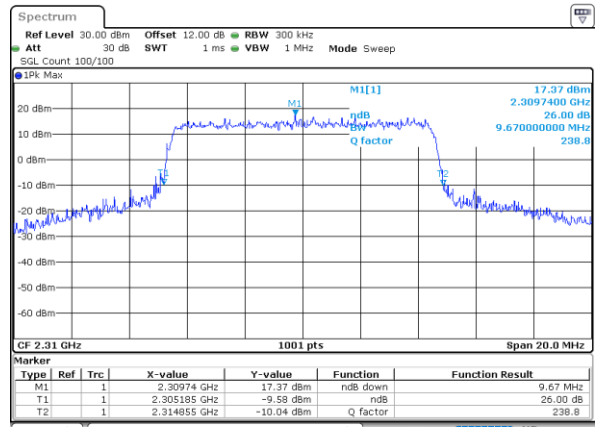
Date: 29 MAY 2024 01:13:17

Middle Channel / 10MHz / QPSK



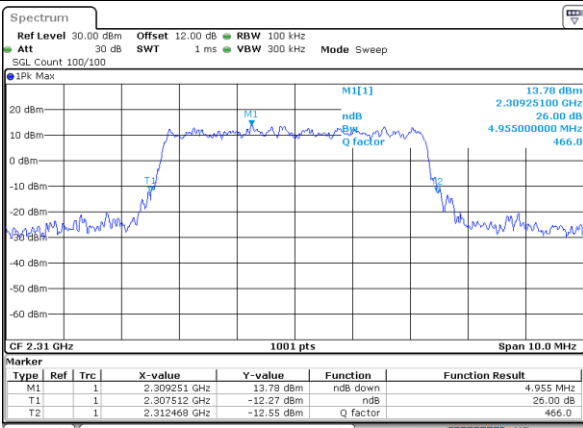
Date: 29 MAY 2024 01:42:43

Middle Channel / 10MHz / 16QAM



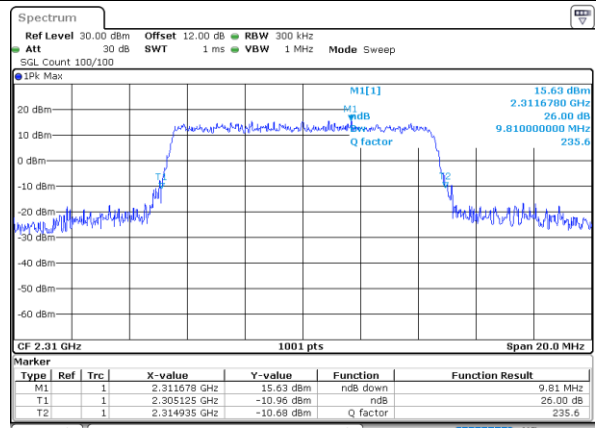
Date: 29 MAY 2024 01:43:07

Middle Channel / 5MHz / 64QAM



Date: 29 MAY 2024 01:37:01

Middle Channel / 10MHz / 64QAM



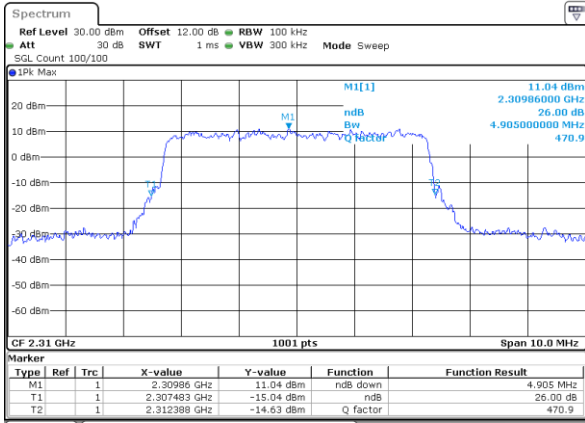
Date: 29 MAY 2024 01:43:32



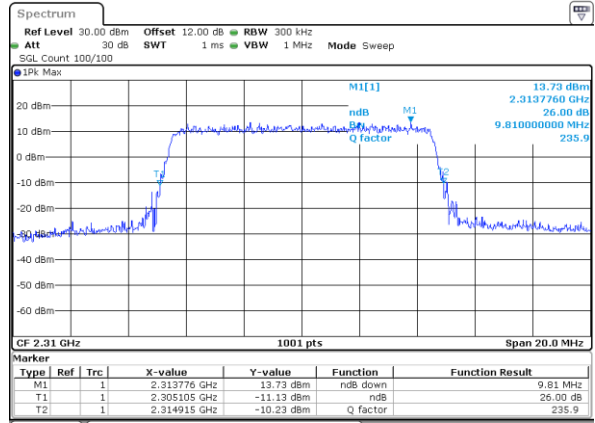
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 29_MAY.2024 01:37:26



Date: 29_MAY.2024 01:43:57



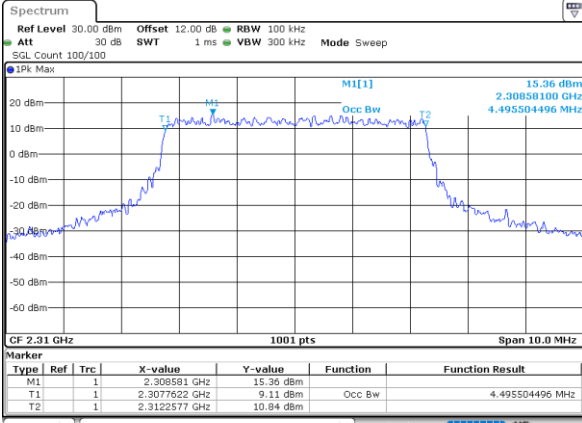
Occupied Bandwidth

Mode	LTE Band 30 : 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	-	-	-	-	4.49	4.50	9.03	9.05	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	4.50	4.48	9.01	9.05	-	-	-	-



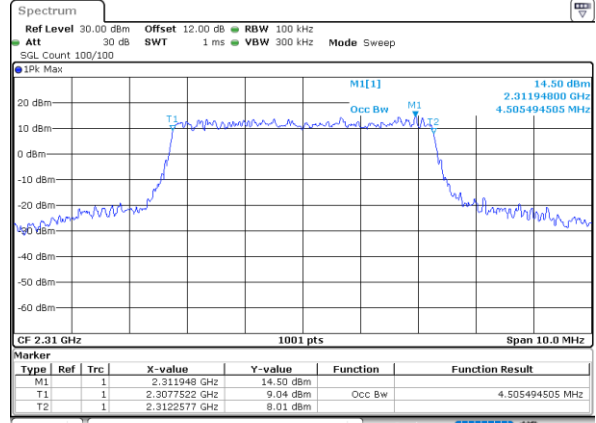
LTE Band 30

Middle Channel / 5MHz / QPSK



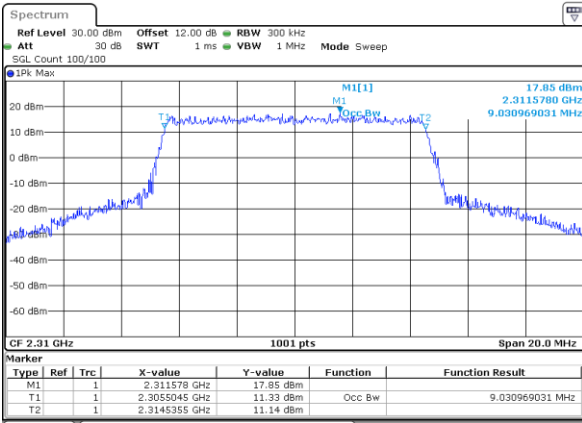
Date: 29_MAY.2024 01:34:34

Middle Channel / 5MHz / 16QAM



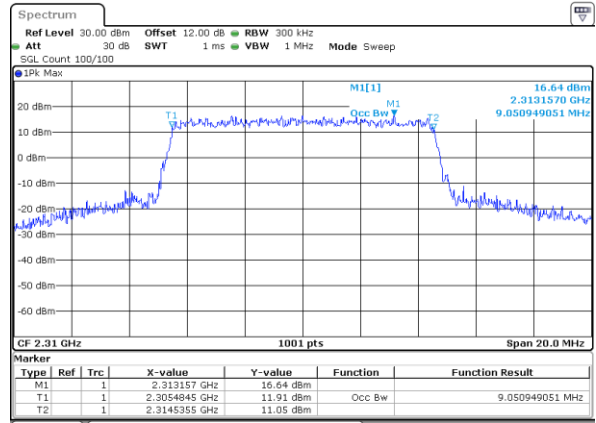
Date: 29_MAY.2024 01:34:59

Middle Channel / 10MHz / QPSK



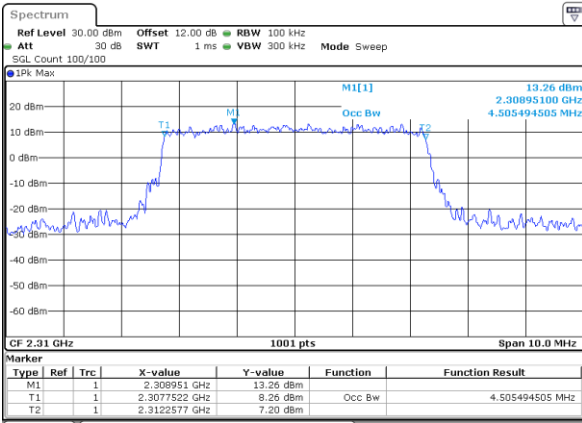
Date: 29_MAY.2024 01:41:05

Middle Channel / 10MHz / 16QAM



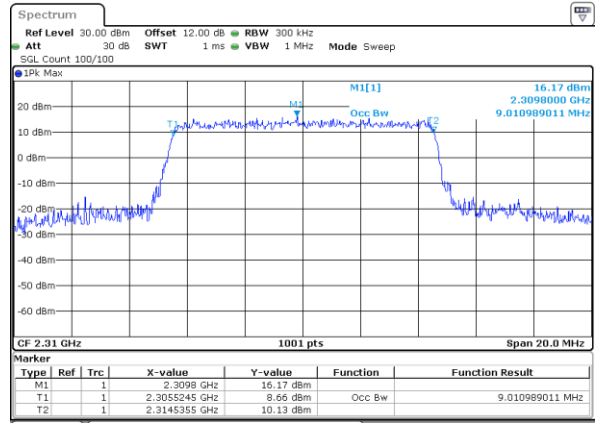
Date: 29_MAY.2024 01:41:29

Middle Channel / 5MHz / 64QAM



Date: 29_MAY.2024 01:35:23

Middle Channel / 10MHz / 64QAM



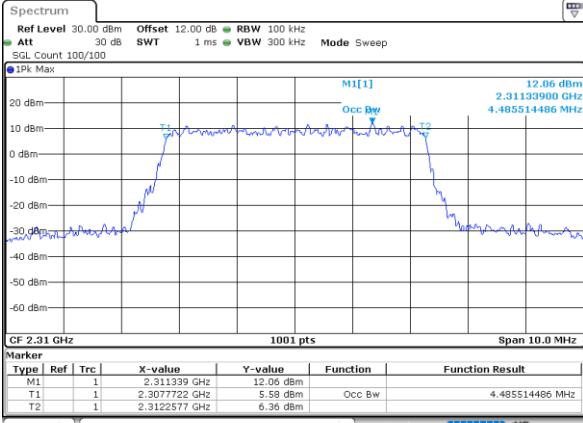
Date: 29_MAY.2024 01:41:54



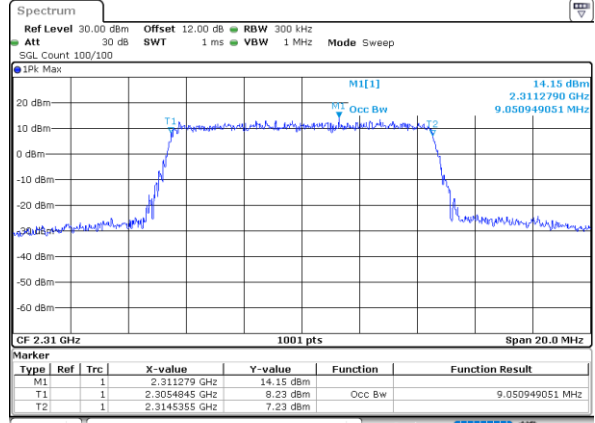
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 29_MAY.2024 01:35:48



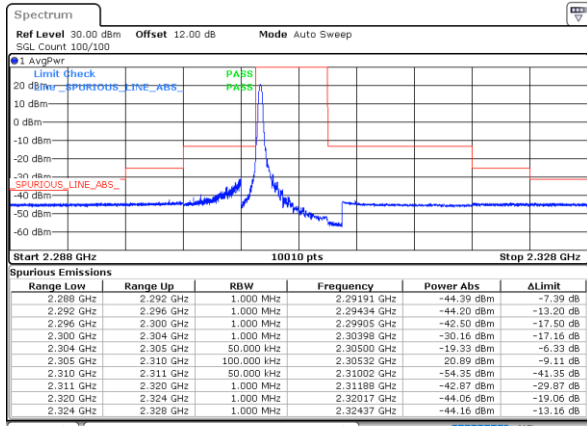
Date: 29_MAY.2024 01:42:18



Conducted Band Edge

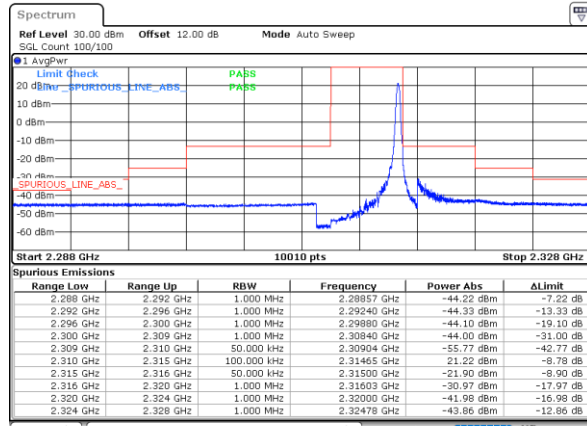
LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / 1 RB



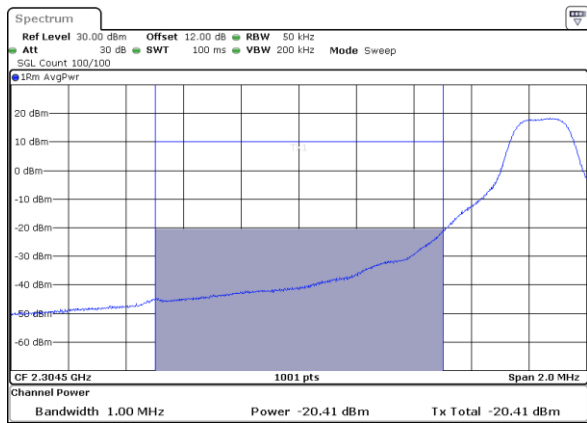
Date: 29.MAY.2024 01:09:02

Highest Band Edge / 1 RB



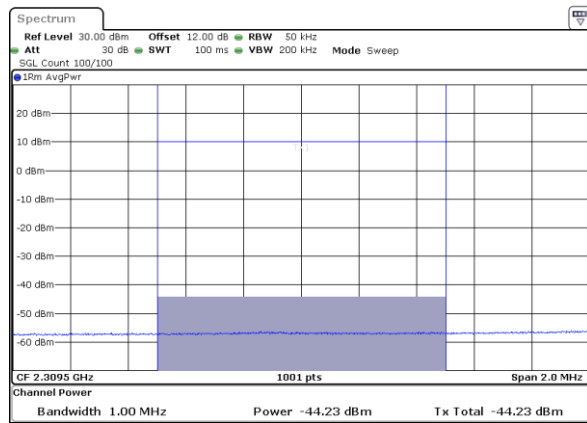
Date: 29.MAY.2024 01:16:21

Lowest Band Edge / 1 RB / Lower zoom in



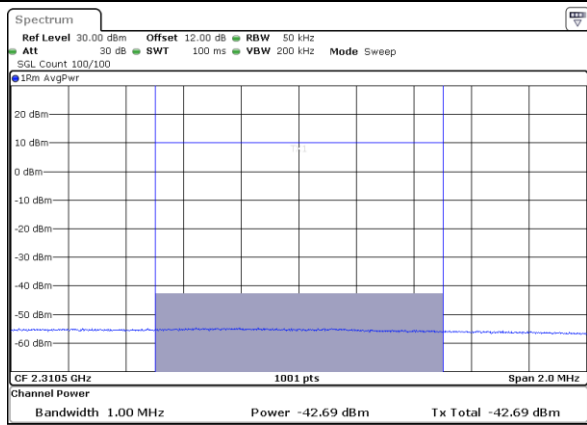
Date: 4.JUN.2024 14:19:16

Highest Band Edge / 1 RB / Lower zoom in



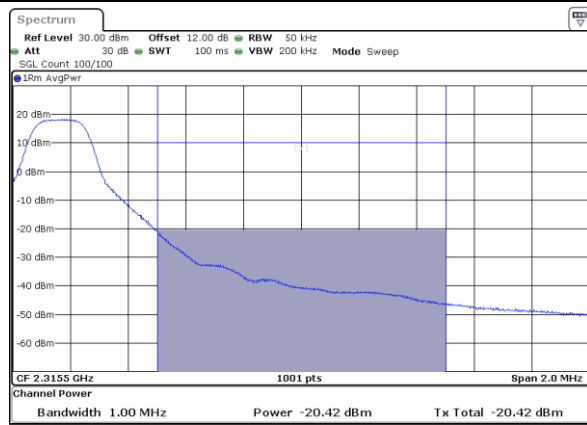
Date: 4.JUN.2024 14:00:51

Lowest Band Edge / 1 RB / Upper zoom in



Date: 4.JUN.2024 14:19:44

Highest Band Edge / 1 RB / Upper zoom in

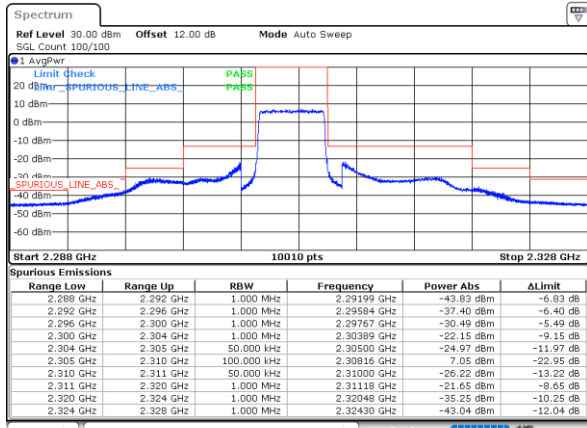


Date: 4.JUN.2024 14:02:55



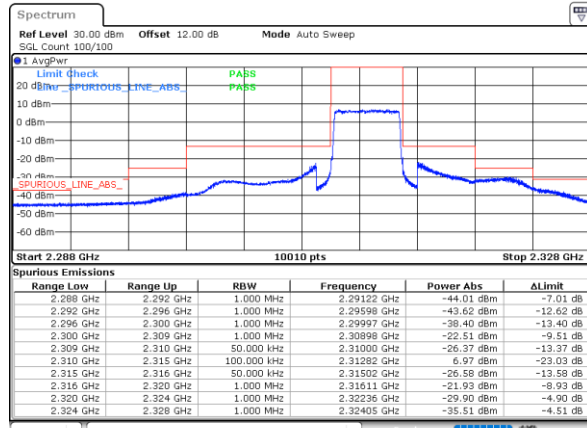
LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / Full RB



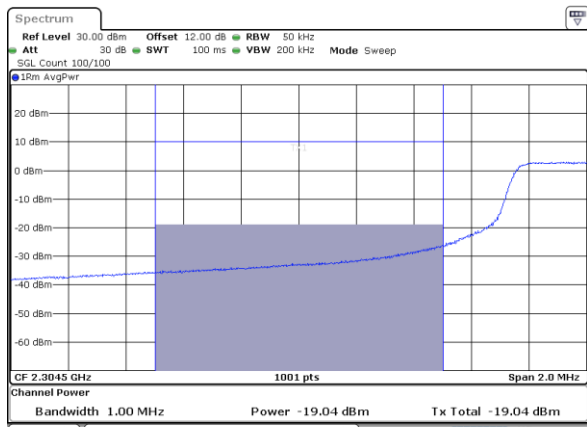
Date: 29.MAY.2024 01:12:42

Highest Band Edge / Full RB



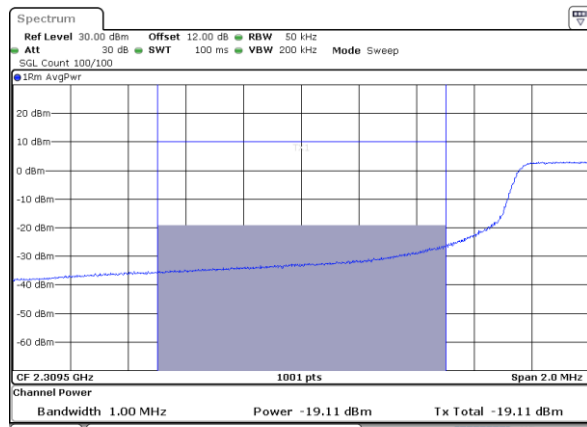
Date: 29.MAY.2024 01:22:48

Lowest Band Edge / Full RB / Lower zoom in



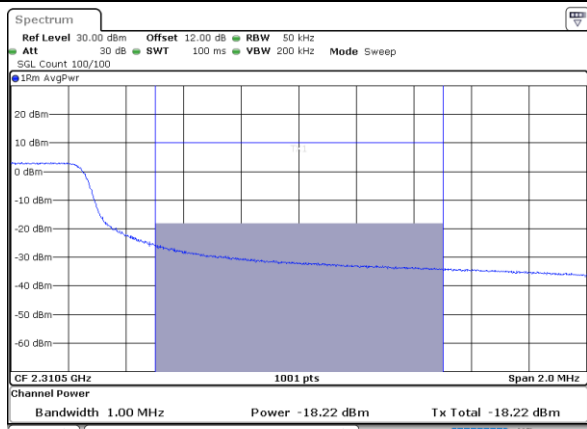
Date: 4.JUN.2024 14:18:12

Highest Band Edge / Full RB / Lower zoom in



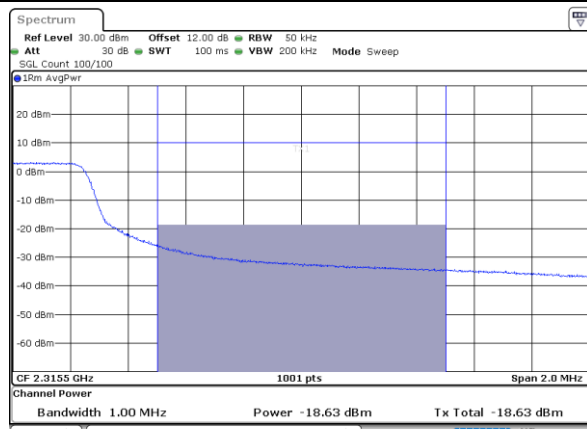
Date: 4.JUN.2024 14:04:36

Lowest Band Edge / Full RB / Upper zoom in



Date: 4.JUN.2024 14:18:34

Highest Band Edge / Full RB / Upper zoom in

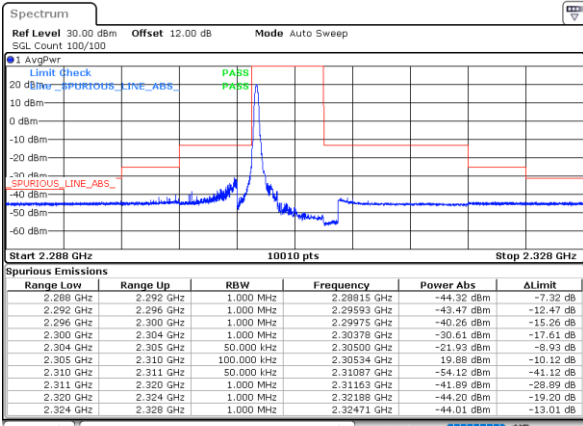


Date: 4.JUN.2024 14:03:38

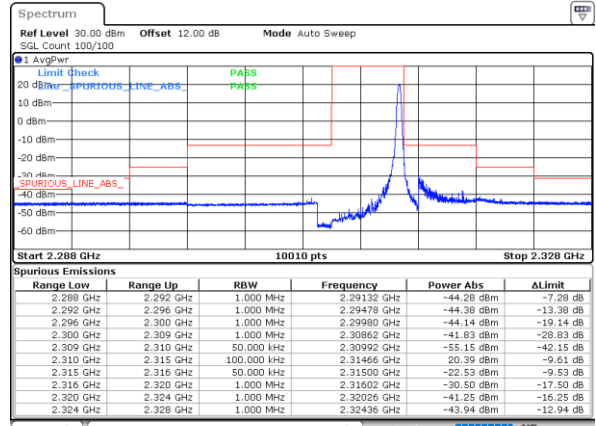


LTE Band 30 / 5MHz / 16QAM

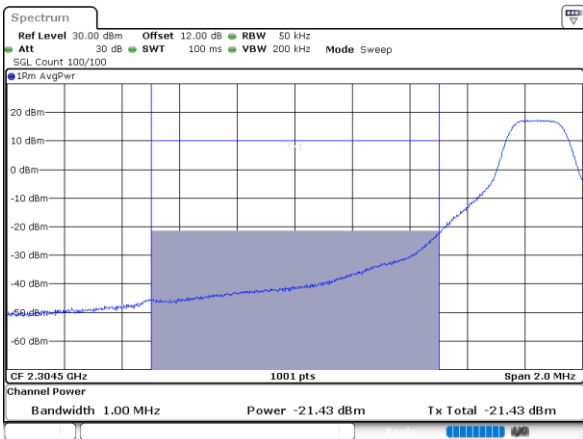
Lowest Band Edge / 1 RB



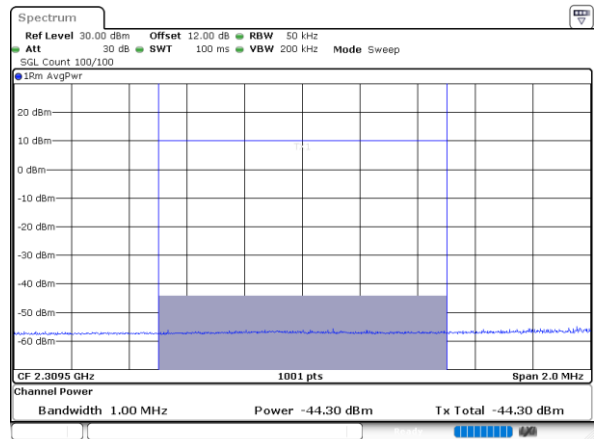
Highest Band Edge / 1 RB



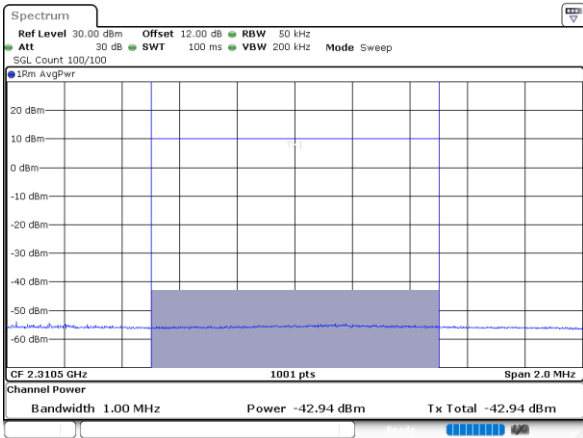
Lowest Band Edge / 1 RB / Lower zoom in



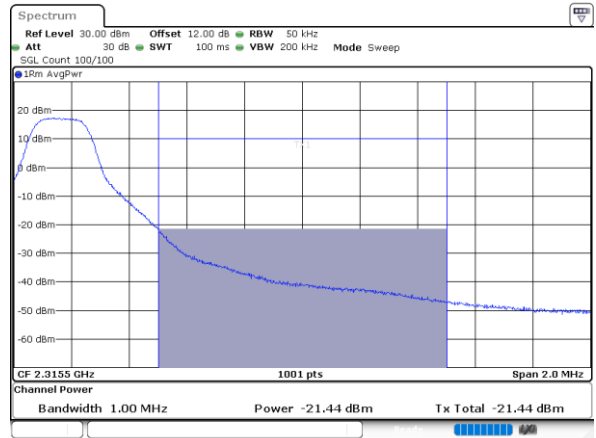
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



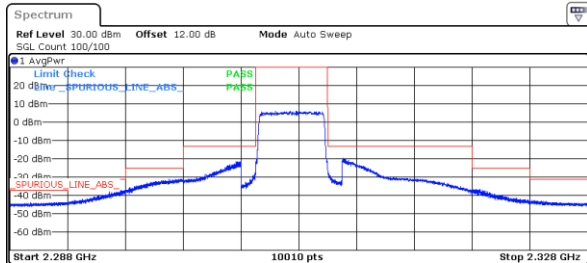
Highest Band Edge / 1 RB / Upper zoom in





LTE Band 30 / 5MHz / 16QAM

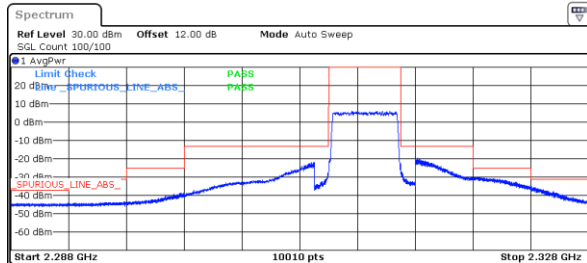
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.288 GHz	2.292 GHz	1.000 MHz	2.29192 GHz	-43.62 dBm	-6.82 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29569 GHz	-37.13 dBm	-6.13 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29980 GHz	-31.03 dBm	-6.03 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30399 GHz	-21.31 dBm	-8.31 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30500 GHz	-26.23 dBm	-13.23 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30782 GHz	6.06 dBm	-23.94 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31002 GHz	-26.37 dBm	-13.37 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31109 GHz	-19.69 dBm	-6.69 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32005 GHz	-36.61 dBm	-11.61 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32417 GHz	-42.60 dBm	-11.60 dB

Date: 29.MAY.2024 01:13:36

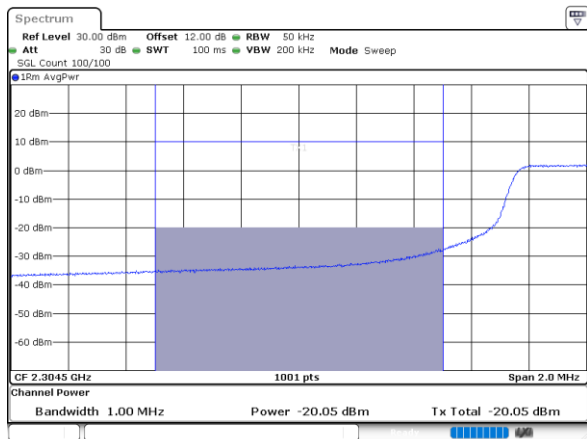
Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.288 GHz	2.292 GHz	1.000 MHz	2.28850 GHz	-44.32 dBm	-7.32 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29579 GHz	-43.68 dBm	-12.68 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29981 GHz	-38.88 dBm	-13.88 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30900 GHz	-22.07 dBm	-9.07 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.30996 GHz	-27.23 dBm	-14.23 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31336 GHz	6.19 dBm	-23.81 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31504 GHz	-27.27 dBm	-14.27 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31613 GHz	-19.79 dBm	-6.79 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32020 GHz	-29.90 dBm	-4.90 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32403 GHz	-35.19 dBm	-4.19 dB

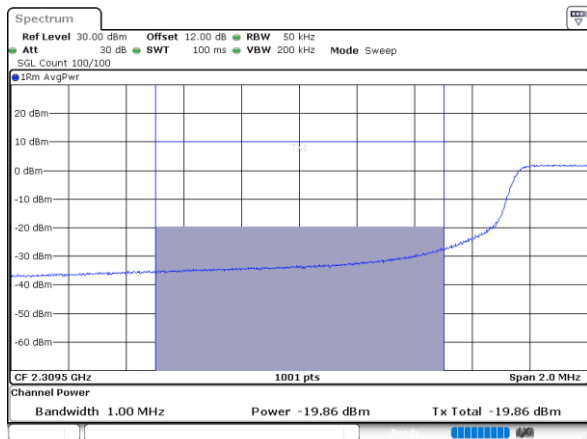
Date: 29.MAY.2024 01:23:42

Lowest Band Edge / Full RB / Lower zoom in



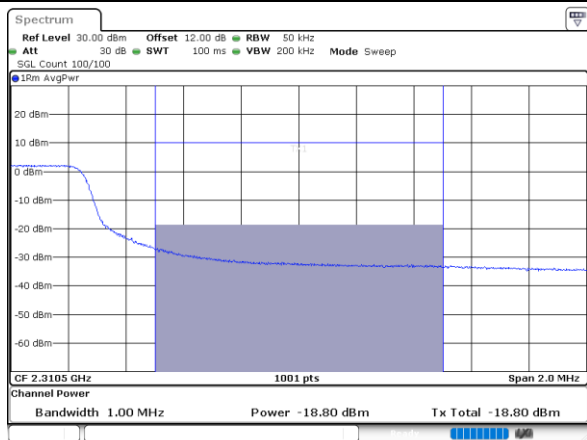
Date: 4.JUN.2024 14:17:15

Highest Band Edge / Full RB / Lower zoom in



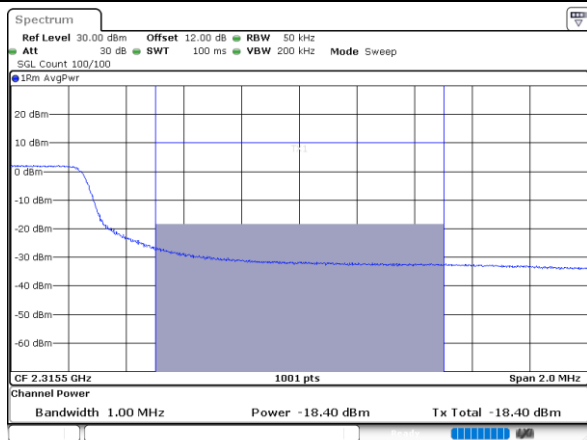
Date: 4.JUN.2024 14:08:13

Lowest Band Edge / Full RB / Upper zoom in



Date: 4.JUN.2024 14:17:36

Highest Band Edge / Full RB / Upper zoom in

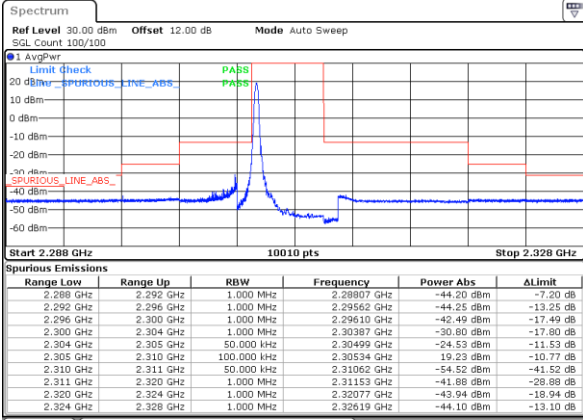


Date: 4.JUN.2024 14:05:34



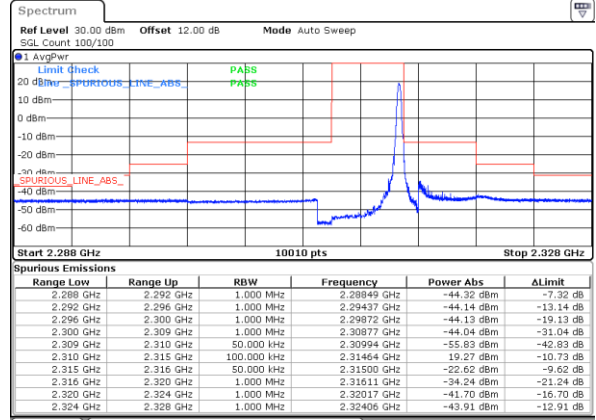
LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



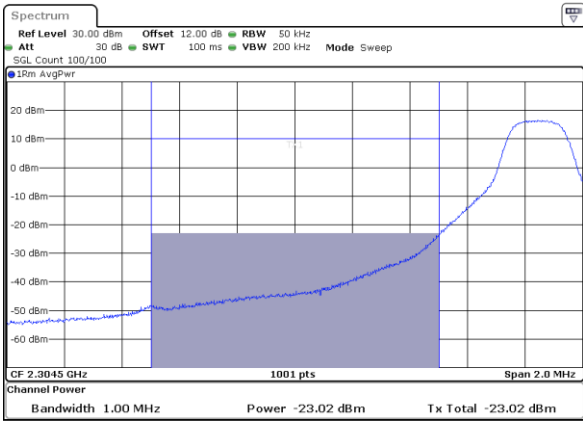
Date: 29_MAY.2024 01:10:51

Highest Band Edge / 1 RB



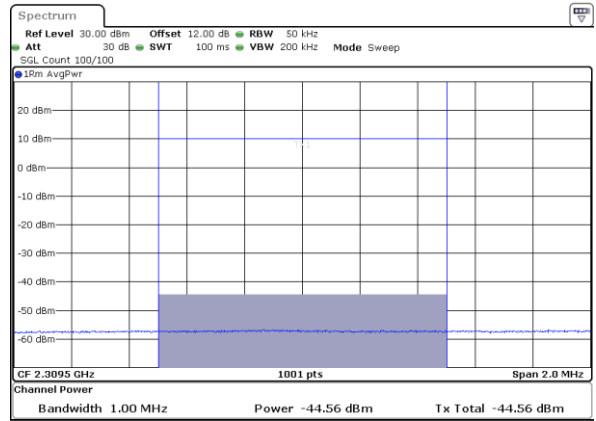
Date: 29_MAY.2024 01:18:09

Lowest Band Edge / 1 RB / Lower zoom in



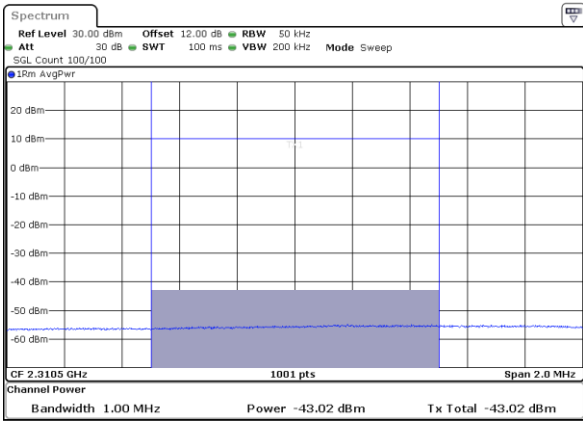
Date: 4_JUN.2024 14:15:12

Highest Band Edge / 1 RB / Lower zoom in



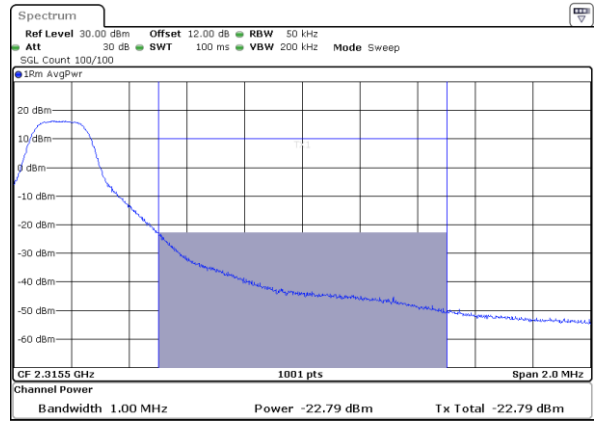
Date: 4_JUN.2024 14:07:30

Lowest Band Edge / 1 RB / Upper zoom in



Date: 4_JUN.2024 14:15:39

Highest Band Edge / 1 RB / Upper zoom in

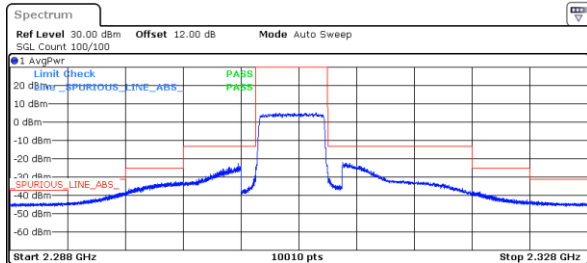


Date: 4_JUN.2024 14:07:30



LTE Band 30 / 5MHz / 64QAM

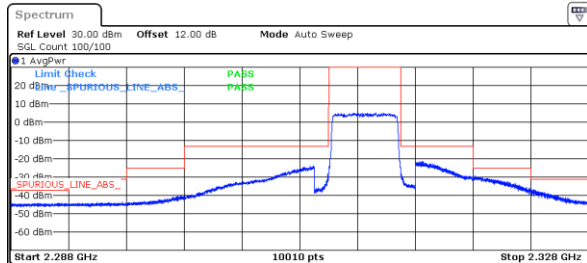
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.288 GHz	2.292 GHz	1.000 MHz	2.29032 GHz	-44.11 dBm	-7.11 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29598 GHz	-38.29 dBm	-7.25 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29951 GHz	-32.55 dBm	-7.55 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30381 GHz	-22.31 dBm	-9.31 dB
2.304 GHz	2.305 GHz	50.000 kHz	2.30496 GHz	-29.07 dBm	-16.07 dB
2.305 GHz	2.310 GHz	100.000 kHz	2.30920 GHz	5.05 dBm	-24.95 dB
2.310 GHz	2.311 GHz	50.000 kHz	2.31002 GHz	-27.45 dBm	-14.45 dB
2.311 GHz	2.320 GHz	1.000 MHz	2.31103 GHz	-22.03 dBm	-9.03 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32002 GHz	-37.67 dBm	-12.67 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32411 GHz	-42.63 dBm	-11.63 dB

Date: 29.MAY.2024 01:14:30

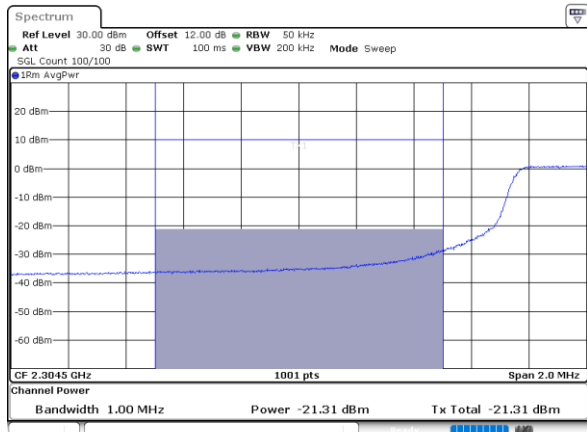
Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.288 GHz	2.292 GHz	1.000 MHz	2.29143 GHz	-44.31 dBm	-7.31 dB
2.292 GHz	2.296 GHz	1.000 MHz	2.29569 GHz	-43.74 dBm	-12.74 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29979 GHz	-40.37 dBm	-15.37 dB
2.300 GHz	2.309 GHz	1.000 MHz	2.30890 GHz	-23.84 dBm	-10.84 dB
2.309 GHz	2.310 GHz	50.000 kHz	2.30994 GHz	-28.20 dBm	-15.20 dB
2.310 GHz	2.315 GHz	100.000 kHz	2.31328 GHz	5.11 dBm	-24.89 dB
2.315 GHz	2.316 GHz	50.000 kHz	2.31501 GHz	-27.29 dBm	-14.29 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31624 GHz	-21.41 dBm	-8.41 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32017 GHz	-29.08 dBm	-4.08 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32419 GHz	-38.70 dBm	-5.70 dB

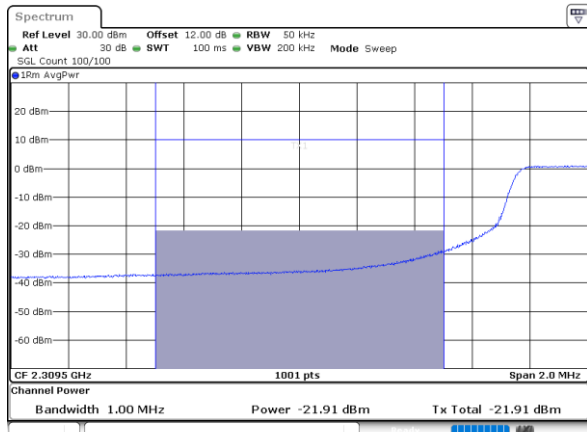
Date: 29.MAY.2024 01:24:36

Lowest Band Edge / Full RB / Lower zoom in



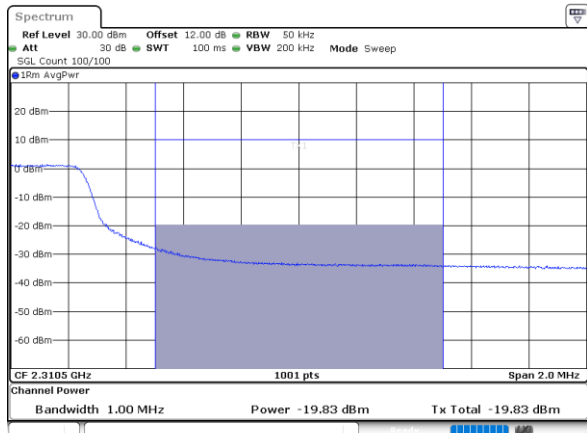
Date: 4.JUN.2024 14:11:13

Highest Band Edge / Full RB / Lower zoom in



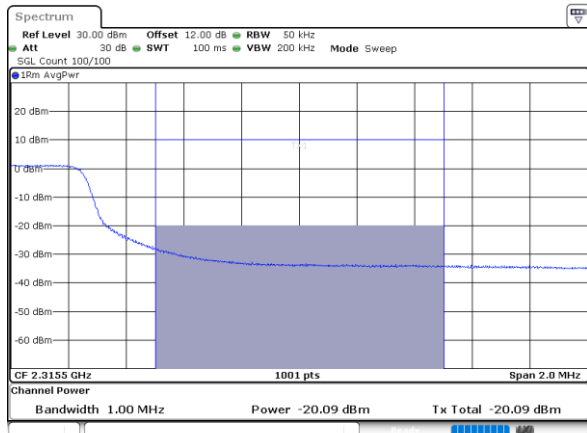
Date: 4.JUN.2024 14:08:06

Lowest Band Edge / Full RB / Upper zoom in



Date: 4.JUN.2024 14:11:36

Highest Band Edge / Full RB / Upper zoom in

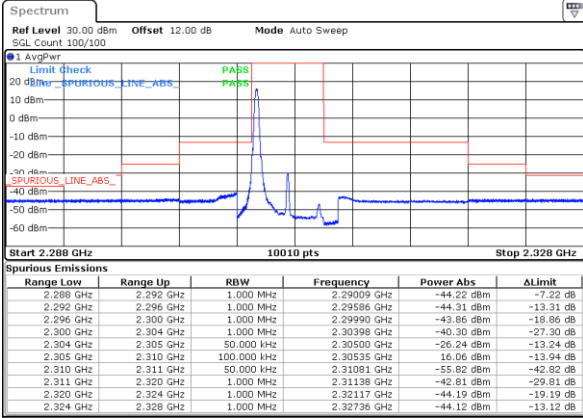


Date: 4.JUN.2024 14:08:28



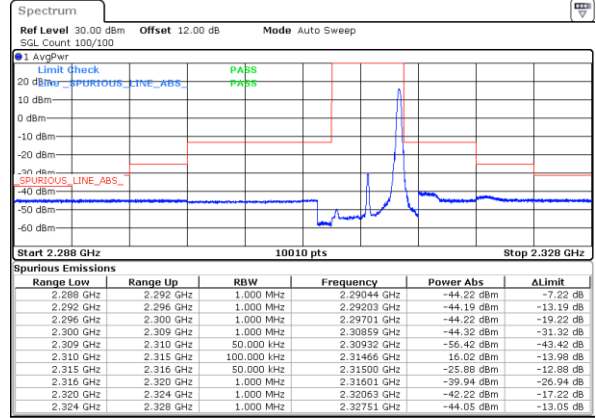
LTE Band 30 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



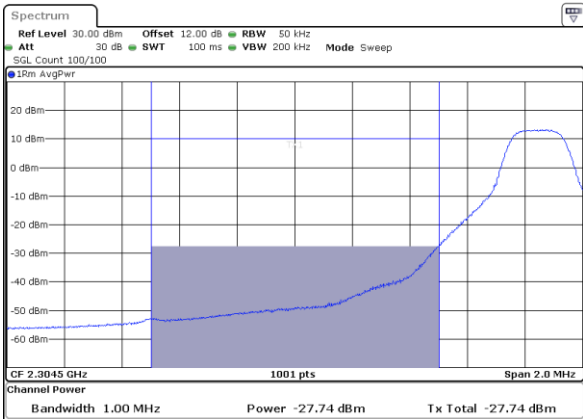
Date: 29.MAY.2024 01:11:45

Highest Band Edge / 1 RB



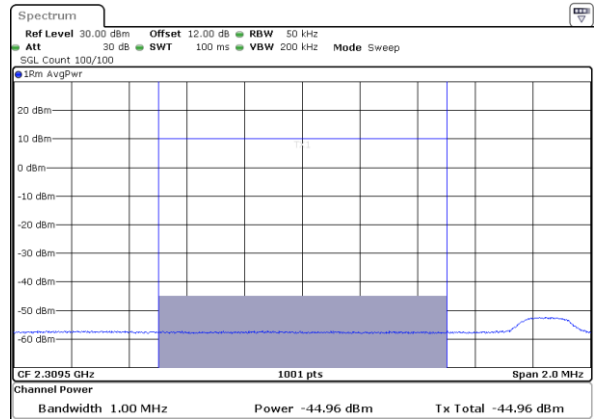
Date: 29.MAY.2024 01:21:51

Lowest Band Edge / 1 RB / Lower zoom in



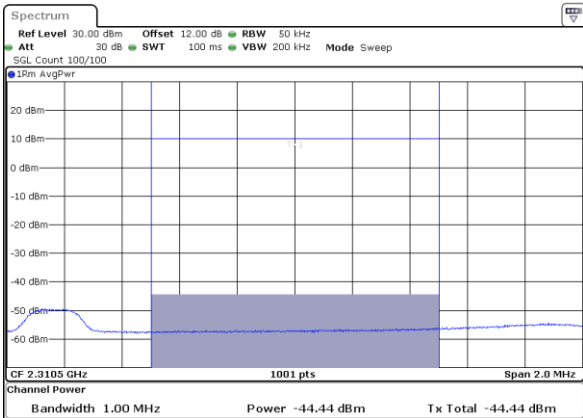
Date: 4.JUN.2024 14:11:56

Highest Band Edge / 1 RB / Lower zoom in



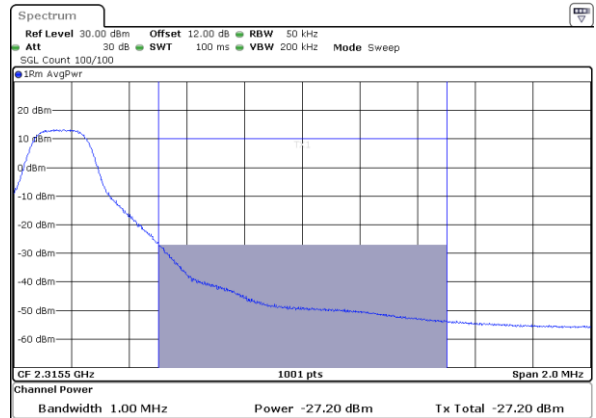
Date: 4.JUN.2024 14:10:02

Lowest Band Edge / 1 RB / Upper zoom in



Date: 4.JUN.2024 14:12:18

Highest Band Edge / 1 RB / Upper zoom in

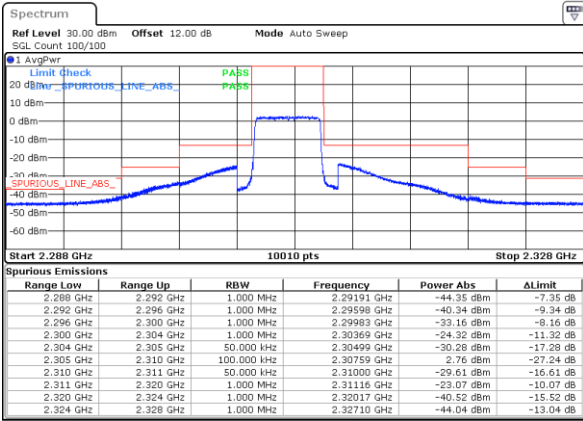


Date: 4.JUN.2024 14:10:22



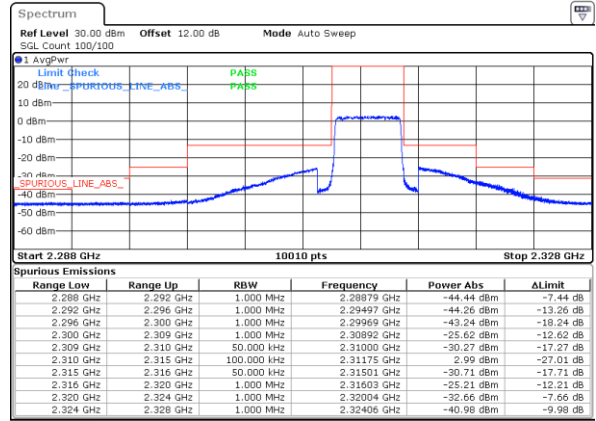
LTE Band 30 / 5MHz / 256QAM

Lowest Band Edge / Full RB



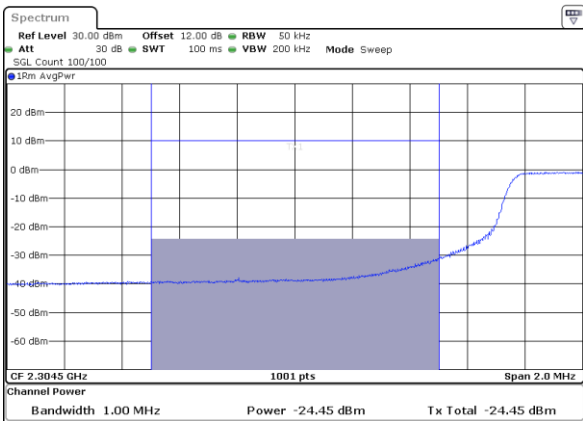
Date: 29.MAY.2024 01:15:24

Highest Band Edge / Full RB



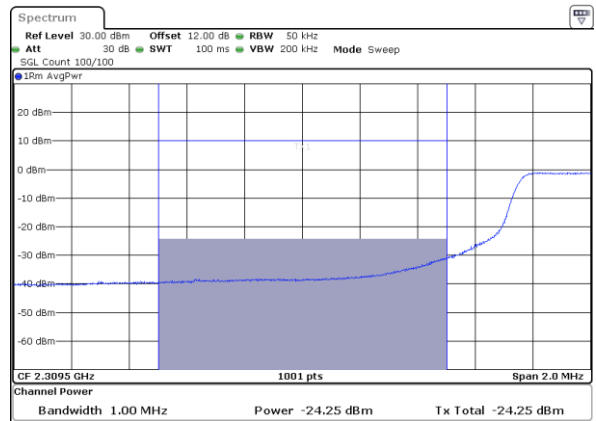
Date: 29.MAY.2024 01:25:30

Lowest Band Edge / Full RB / Lower zoom in



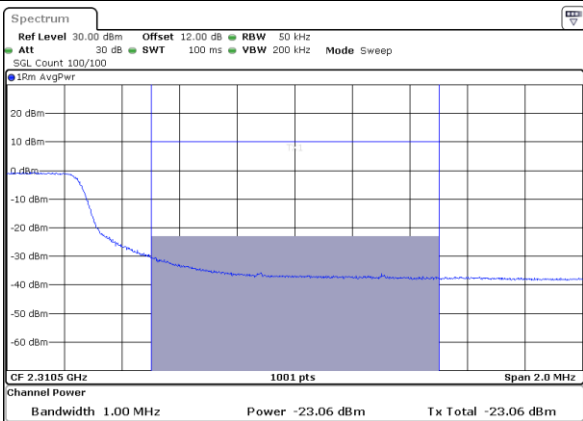
Date: 4.JUN.2024 14:13:06

Highest Band Edge / Full RB / Lower zoom in



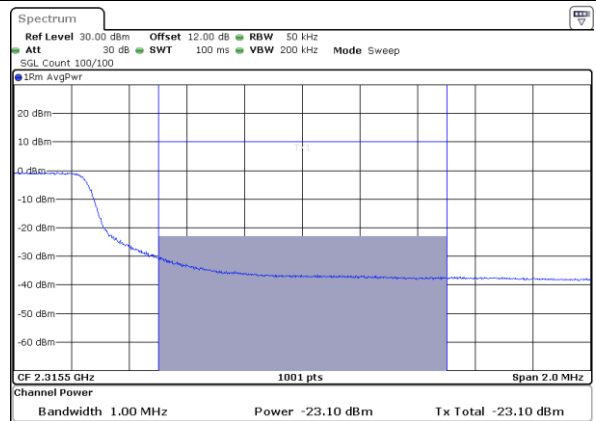
Date: 4.JUN.2024 14:09:03

Lowest Band Edge / Full RB / Upper zoom in



Date: 4.JUN.2024 14:13:30

Highest Band Edge / Full RB / Upper zoom in

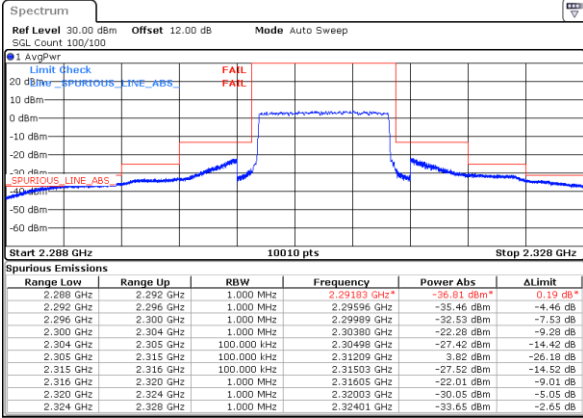


Date: 4.JUN.2024 14:09:24

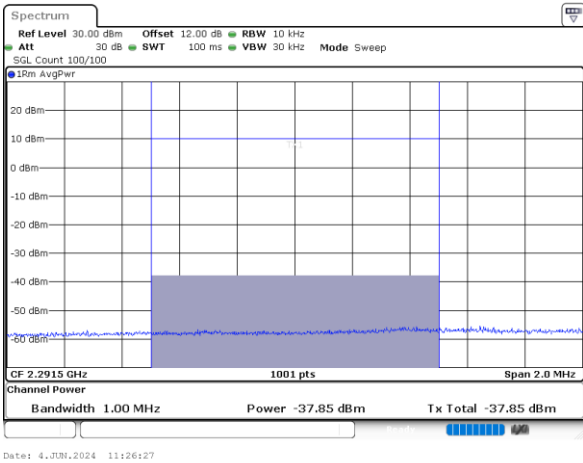


LTE Band 30 / 10MHz / QPSK

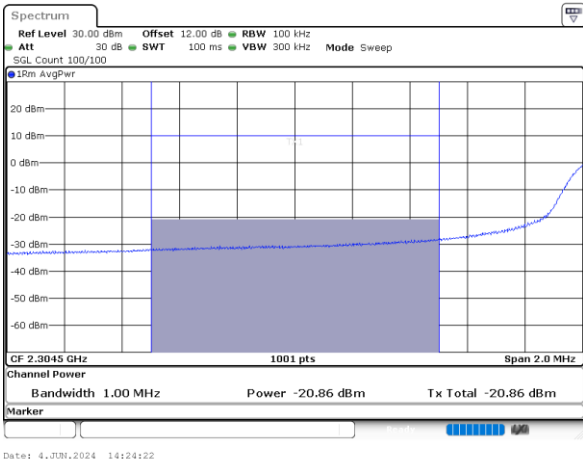
Middle Band Edge / Full RB



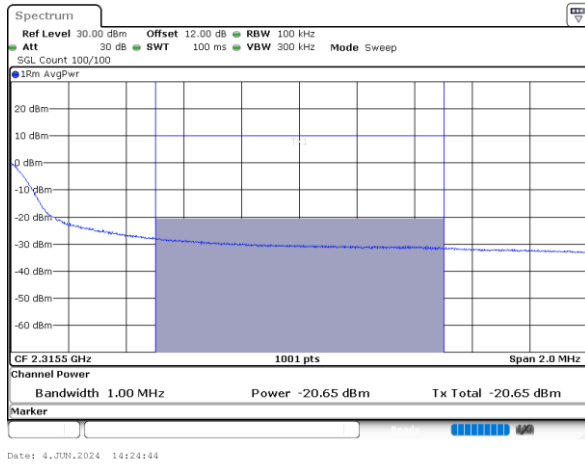
Conducted Power Verify_under0.85



Middle Band Edge / Full RB / Lower zoom in



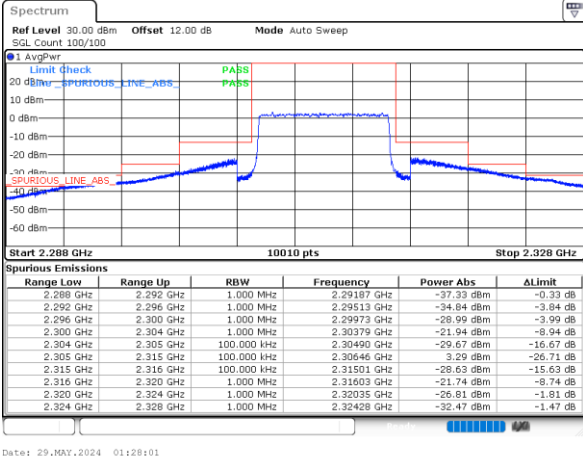
Middle Band Edge / Full RB / Upper zoom in





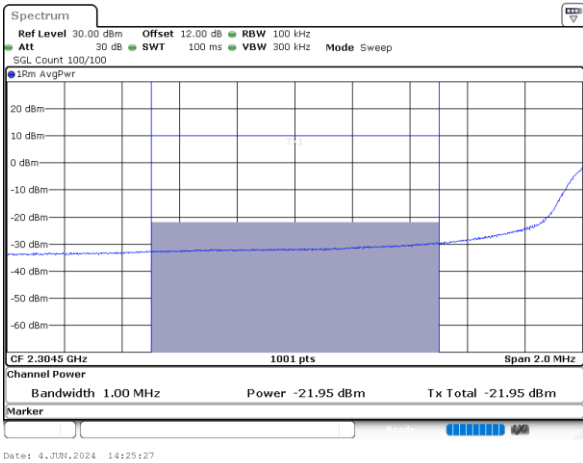
LTE Band 30 / 10MHz / 16QAM

Middle Band Edge / Full RB



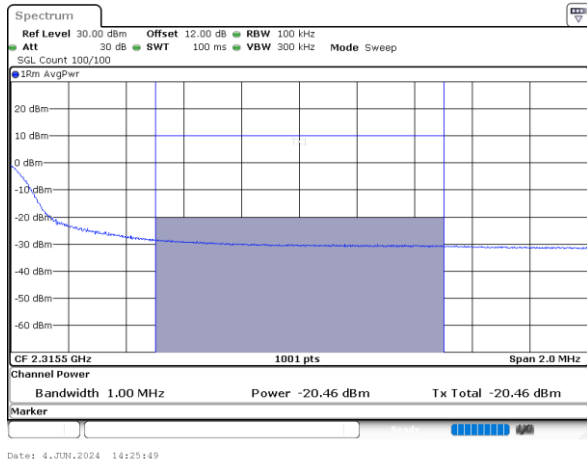
Date: 29_MAY.2024 01:28:01

Middle Band Edge / Full RB / Lower zoom in



Date: 4_JUN.2024 14:25:27

Middle Band Edge / Full RB / Upper zoom in



Date: 4_JUN.2024 14:25:49