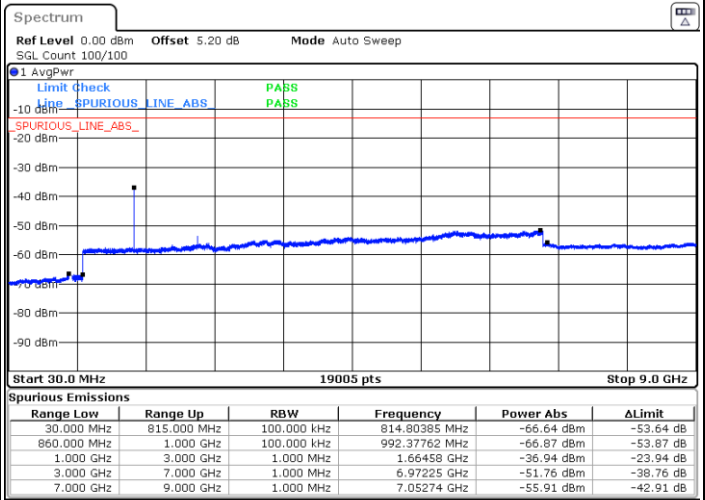
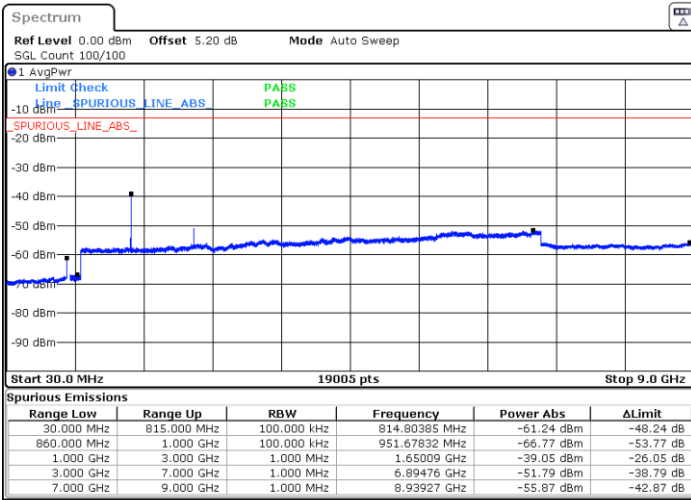




LTE Band 26 / 10MHz

Lowest Channel / QPSK

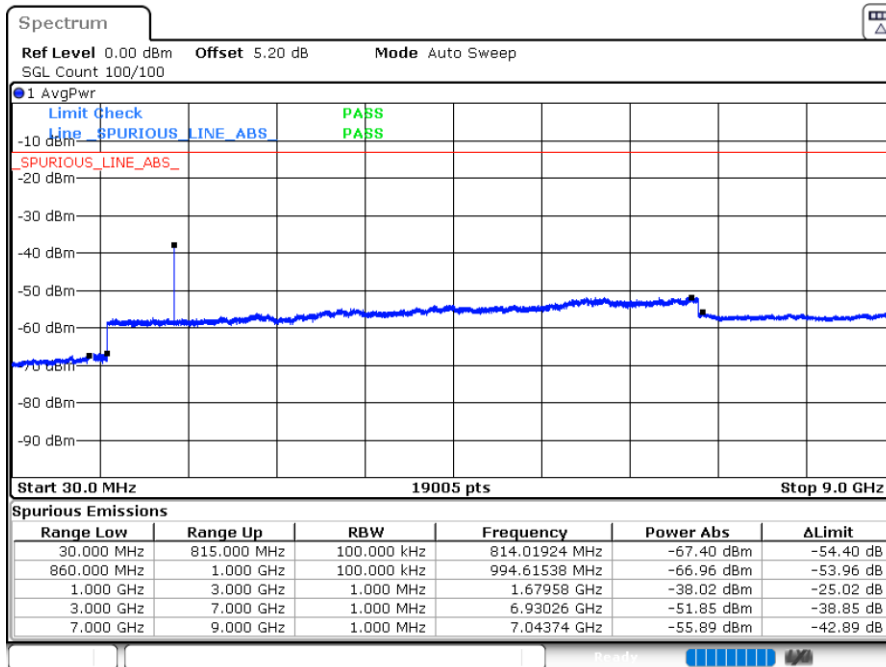
Middle Channel / QPSK



Date: 17.MAY.2023 18:23:36

Date: 17.MAY.2023 18:22:16

Highest Channel / QPSK



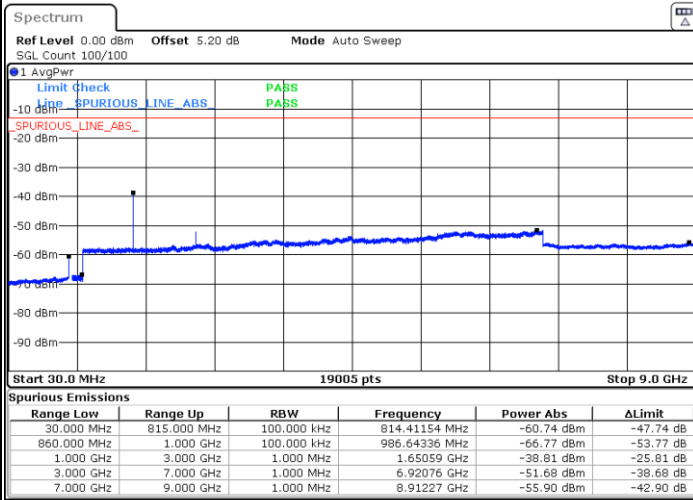
Date: 17.MAY.2023 18:20:56



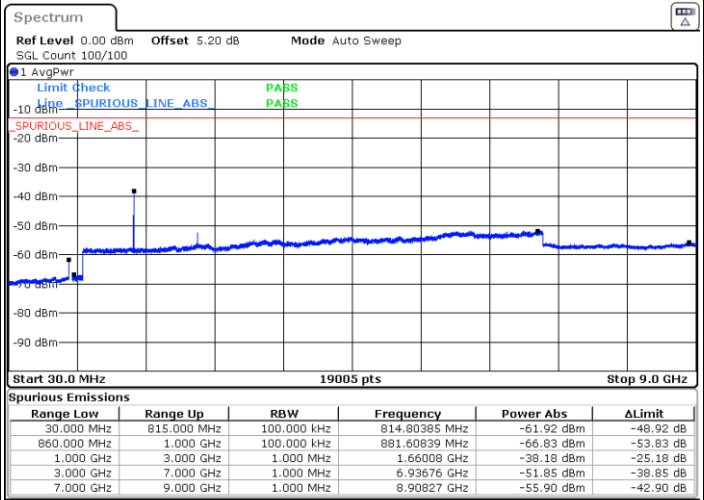
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

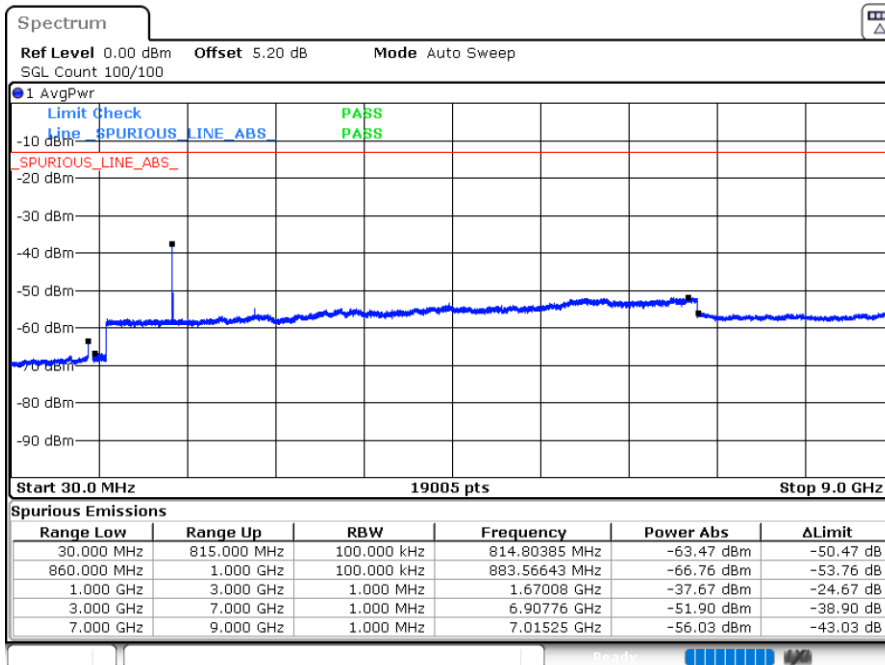


Date: 17.MAY.2023 18:51:37



Date: 17.MAY.2023 19:13:20

Highest Channel / QPSK

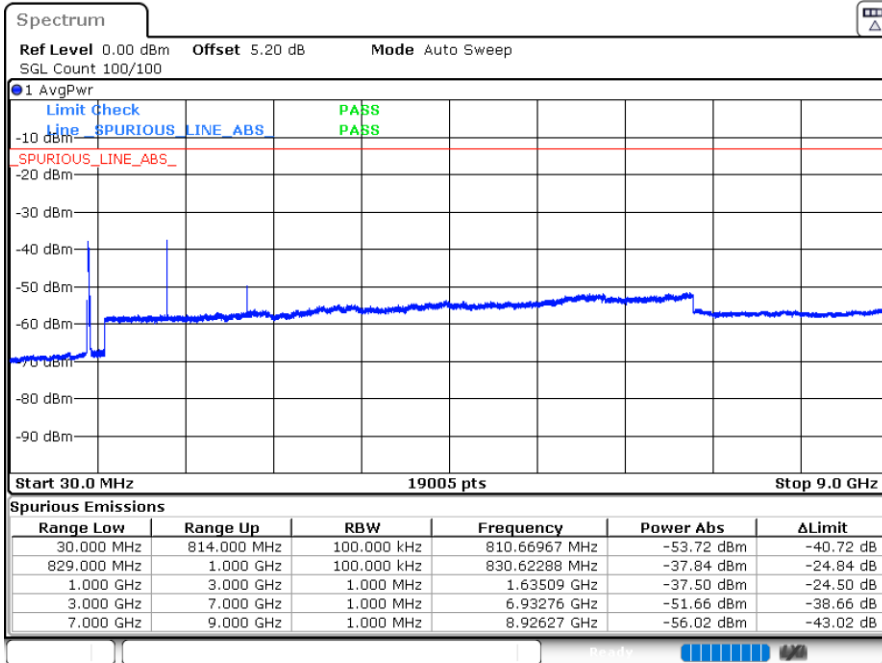


Date: 17.MAY.2023 19:12:00



LTE Band 26 / 15MHz

Channel 26790 / QPSK



Date: 17.MAY.2023 19:56:15



A3.6 Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0034	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0012	
20	Minimum Voltage	0.0015	

Note:

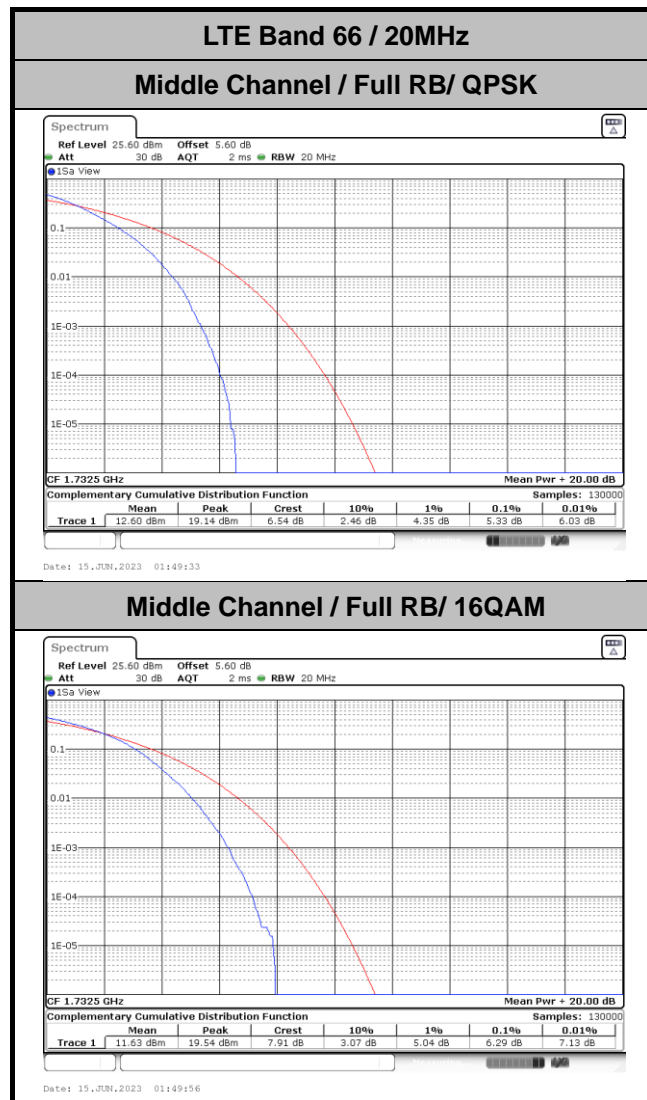
1. Normal Voltage =54 V. ; Minimum Voltage =48 V. ; Maximum Voltage =57 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

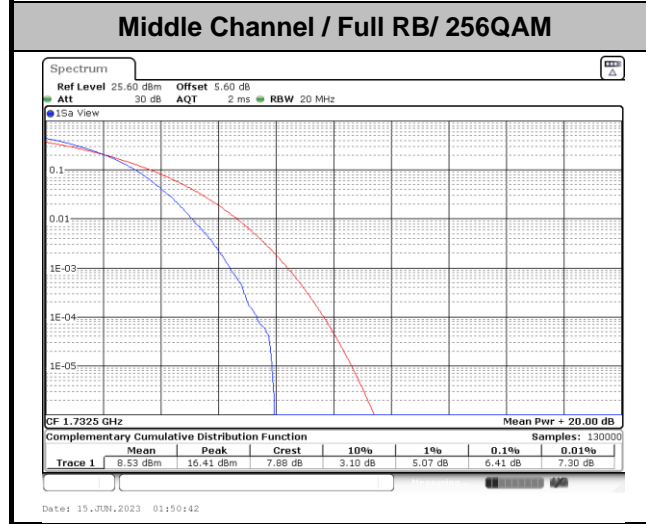
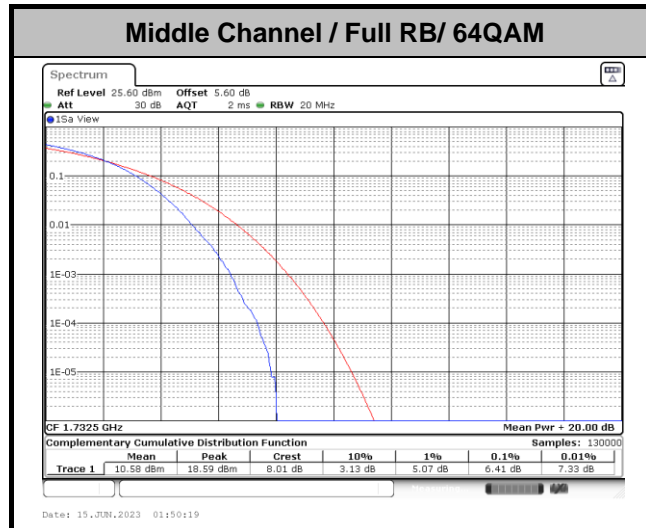


A4. LTE Band 66

A4.1 Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.33	6.29	6.41	6.41	PASS







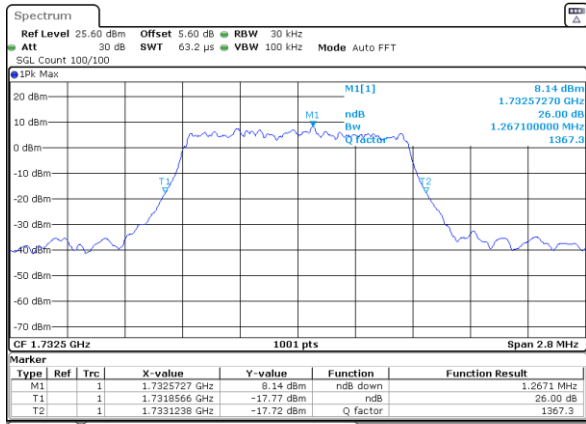
A4.2 26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.26	1.26
Mod.	64QAM	256QAM
Middle CH	1.28	1.26
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.97	2.96
Mod.	64QAM	256QAM
Middle CH	2.94	3.00
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.90	4.87
Mod.	64QAM	256QAM
Middle CH	4.95	4.90
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.63	9.77
Mod.	64QAM	256QAM
Middle CH	9.71	9.81
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.24	14.12
Mod.	64QAM	256QAM
Middle CH	14.39	14.39
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	18.86
Mod.	64QAM	256QAM
Middle CH	18.90	18.98



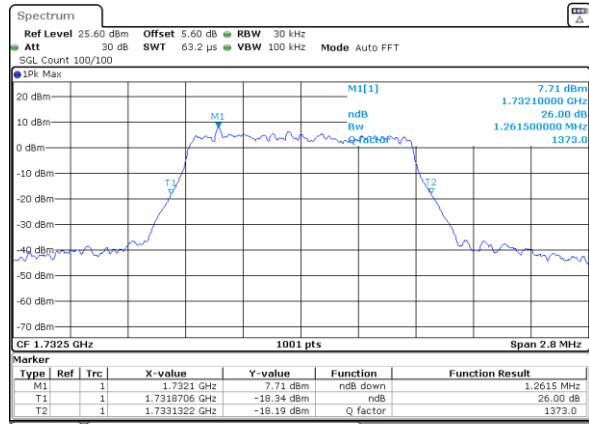
LTE Band 66

Middle Channel / 1.4MHz / QPSK



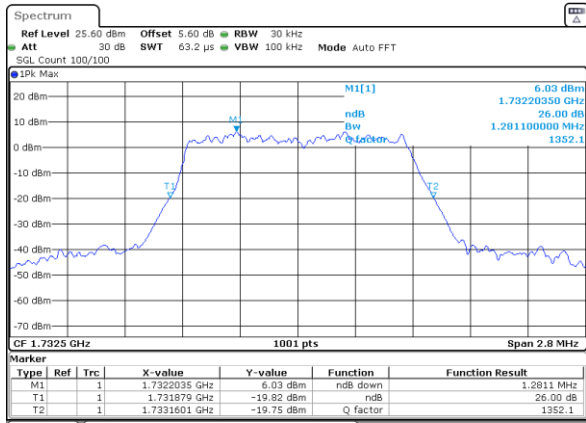
Date: 14 JUN 2023 23:25:22

Middle Channel / 1.4MHz / 16QAM



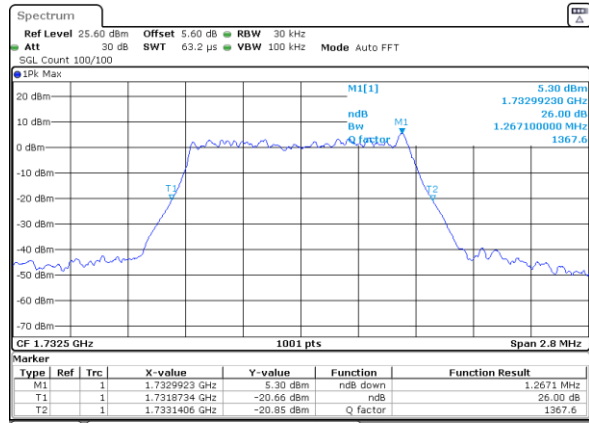
Date: 14 JUN 2023 23:25:43

Middle Channel / 1.4MHz / 64QAM



Date: 14 JUN 2023 23:26:48

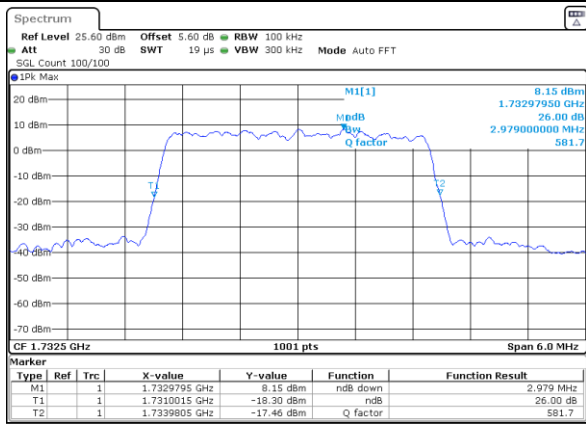
Middle Channel / 1.4MHz / 256QAM



Date: 14 JUN 2023 23:27:10

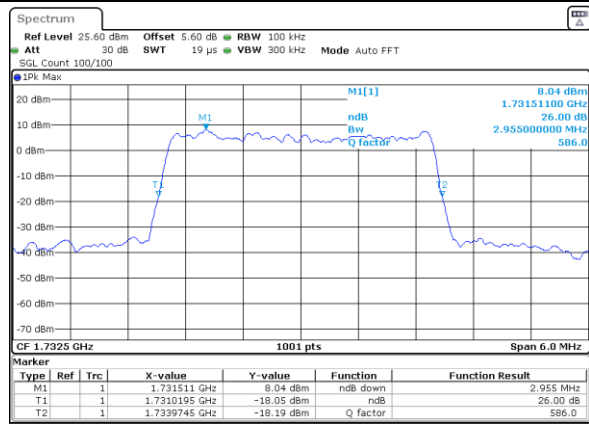
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 14 JUN 2023 23:59:14

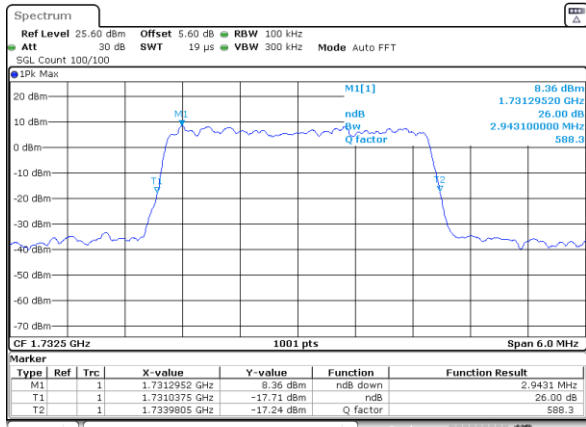
Middle Channel / 3MHz / 16QAM



Date: 14 JUN 2023 23:58:53

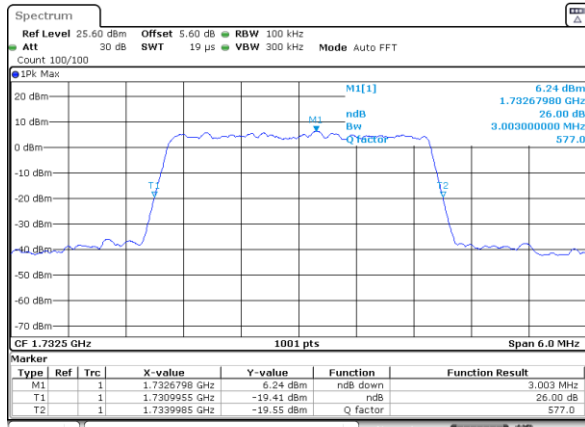


Middle Channel / 3MHz / 64QAM



Date: 15 JUN 2023 00:46:18

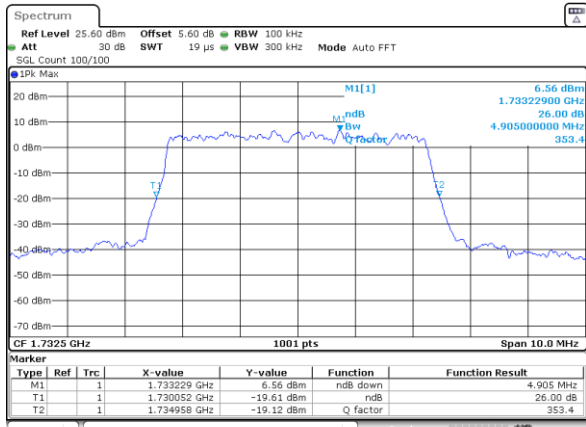
Middle Channel / 3MHz / 256QAM



Date: 15 JUN 2023 00:48:08

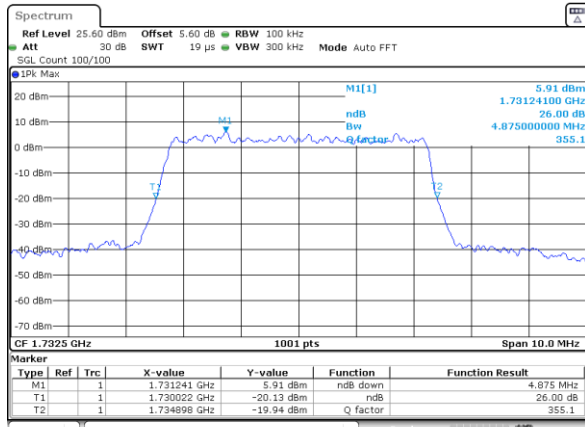
LTE Band 66

Middle Channel / 5MHz / QPSK



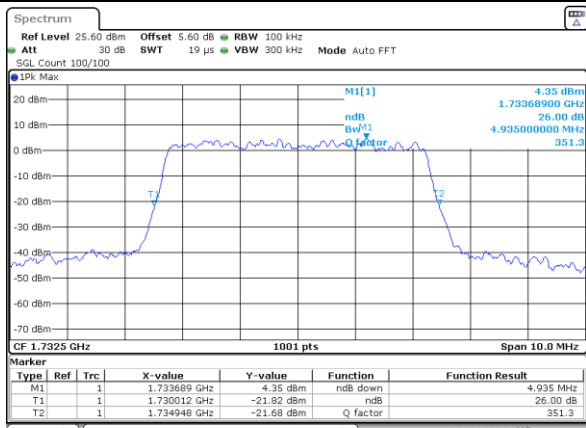
Date: 15 JUN 2023 00:12:48

Middle Channel / 5MHz / 16QAM



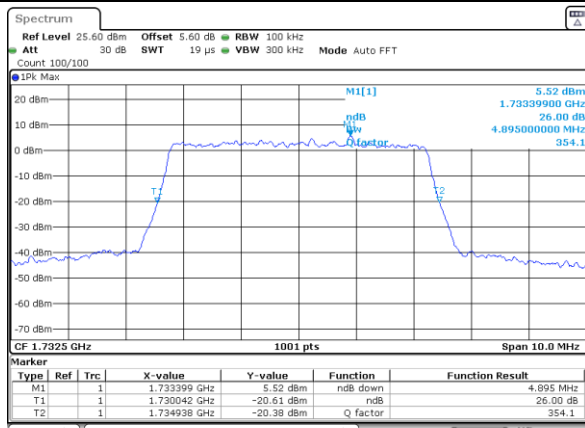
Date: 15 JUN 2023 00:12:26

Middle Channel / 5MHz / 64QAM



Date: 15 JUN 2023 00:39:37

Middle Channel / 5MHz / 256QAM

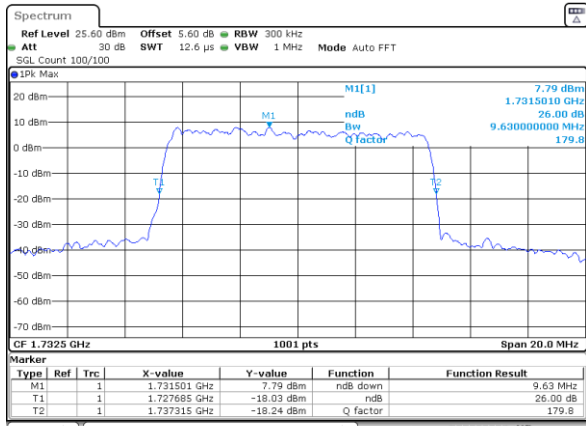


Date: 15 JUN 2023 00:41:36



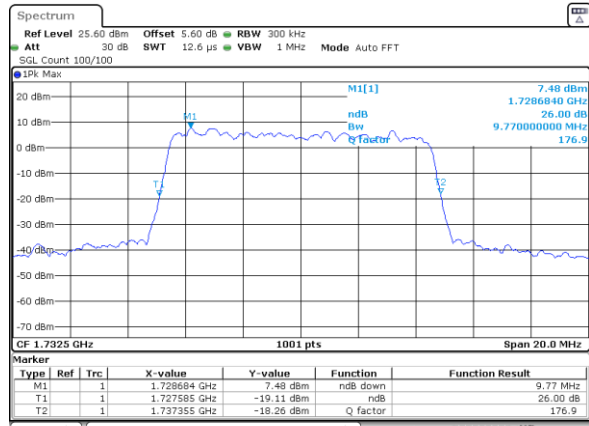
LTE Band 66

Middle Channel / 10MHz / QPSK



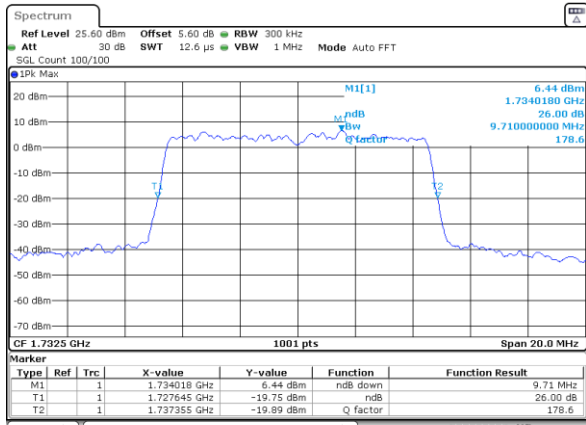
Date: 15 JUN 2023 01:04:27

Middle Channel / 10MHz / 16QAM



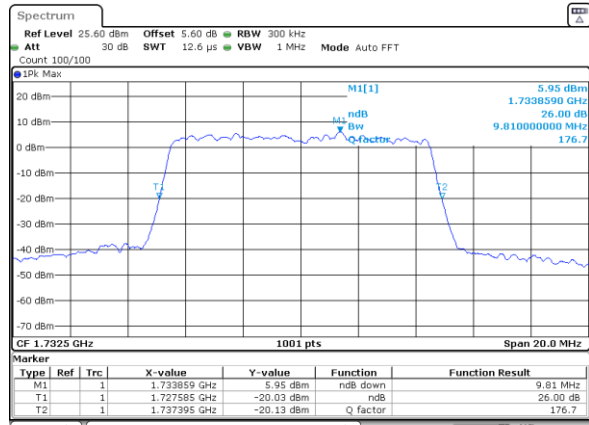
Date: 15 JUN 2023 01:04:05

Middle Channel / 10MHz / 64QAM



Date: 15 JUN 2023 01:26:22

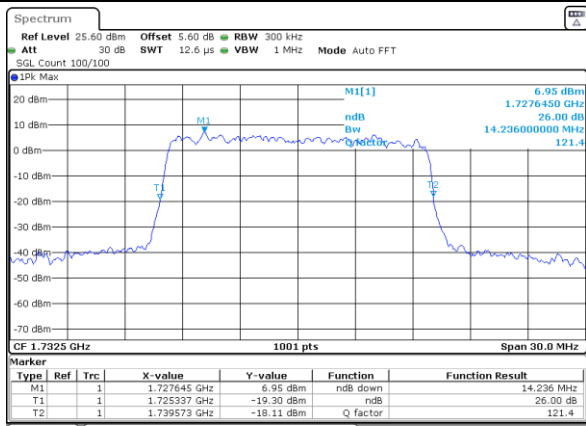
Middle Channel / 10MHz / 256QAM



Date: 15 JUN 2023 01:27:24

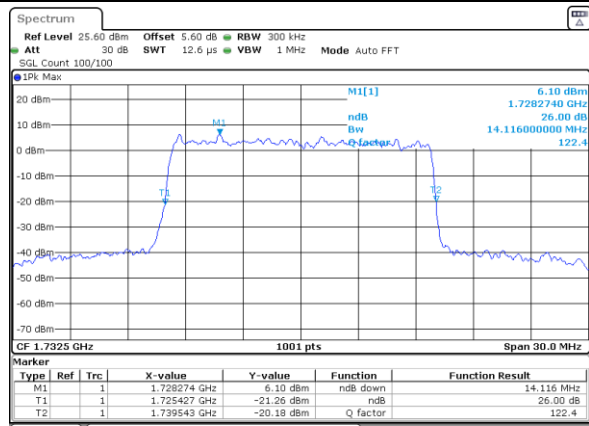
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 15 JUN 2023 01:22:06

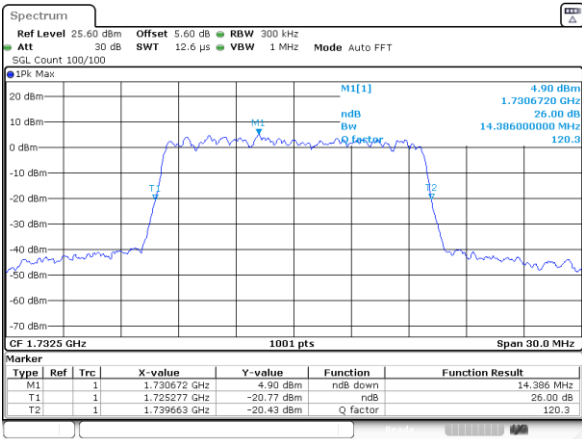
Middle Channel / 15MHz / 16QAM



Date: 15 JUN 2023 01:22:44

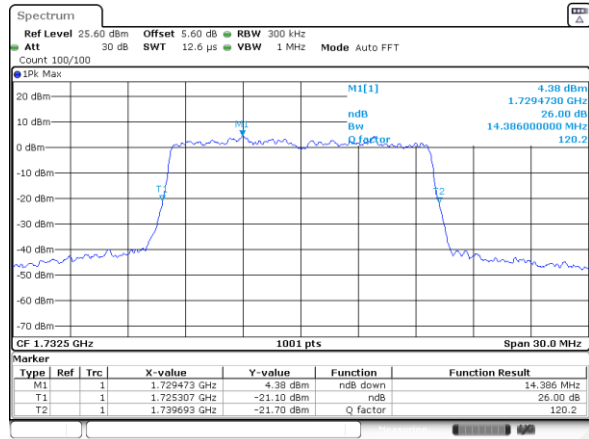


Middle Channel / 15MHz / 64QAM



Date: 15 JUN 2023 01:23:19

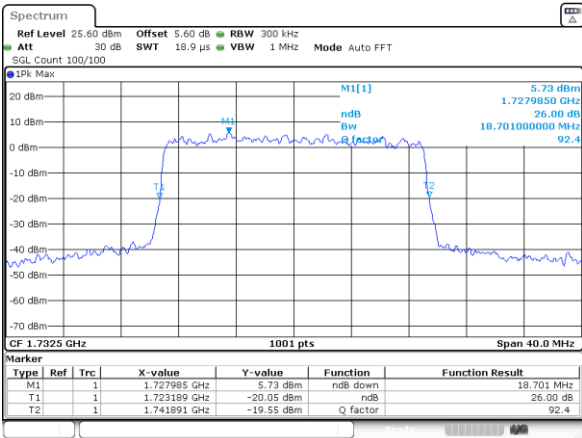
Middle Channel / 15MHz / 256QAM



Date: 15 JUN 2023 01:24:25

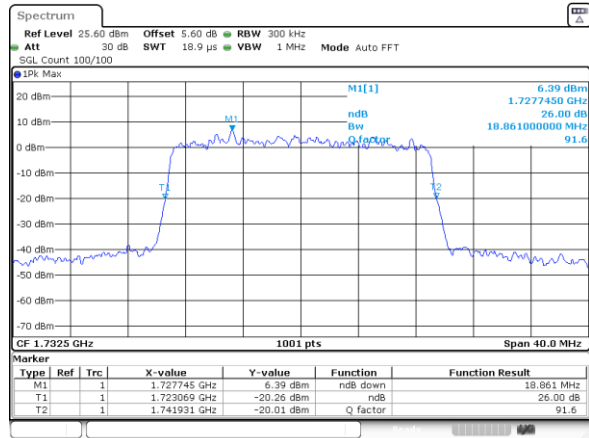
LTE Band 66

Middle Channel / 20MHz / QPSK



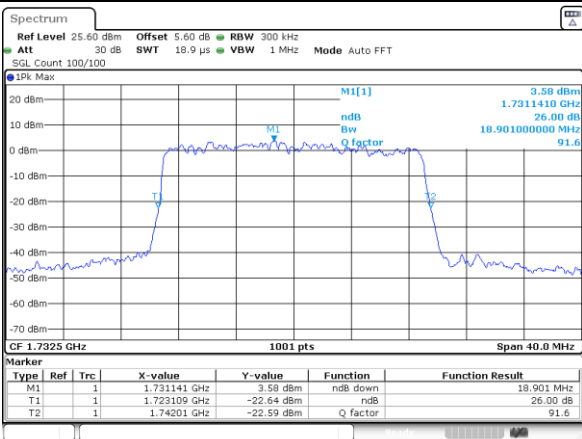
Date: 15 JUN 2023 01:56:11

Middle Channel / 20MHz / 16QAM



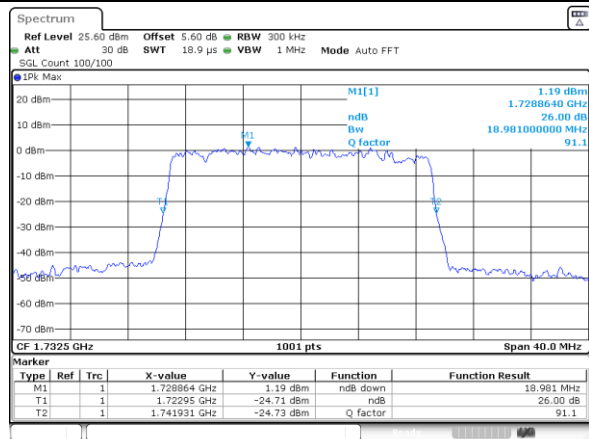
Date: 15 JUN 2023 01:56:33

Middle Channel / 20MHz / 64QAM



Date: 15 JUN 2023 01:56:55

Middle Channel / 20MHz / 256QAM



Date: 15 JUN 2023 01:57:17



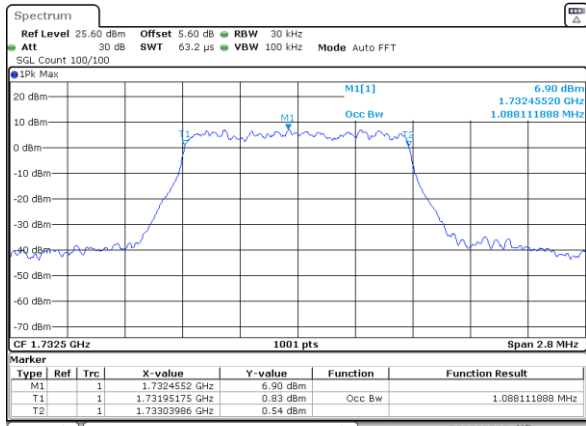
A4.3 Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.10
Mod.	64QAM	256QAM
Middle CH	1.09	1.09
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.70	2.72
Mod.	64QAM	256QAM
Middle CH	2.72	2.72
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.48
Mod.	64QAM	256QAM
Middle CH	4.49	4.45
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.03	8.97
Mod.	64QAM	256QAM
Middle CH	9.03	8.99
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.40	13.40
Mod.	64QAM	256QAM
Middle CH	13.46	13.40
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.90	17.78
Mod.	64QAM	256QAM
Middle CH	17.86	17.78



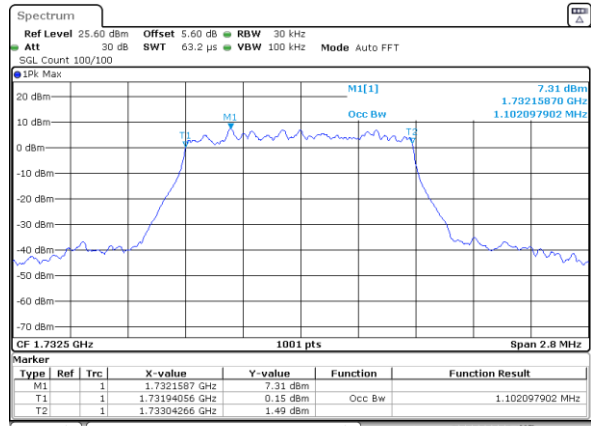
LTE Band 66

Middle Channel / 1.4MHz / QPSK



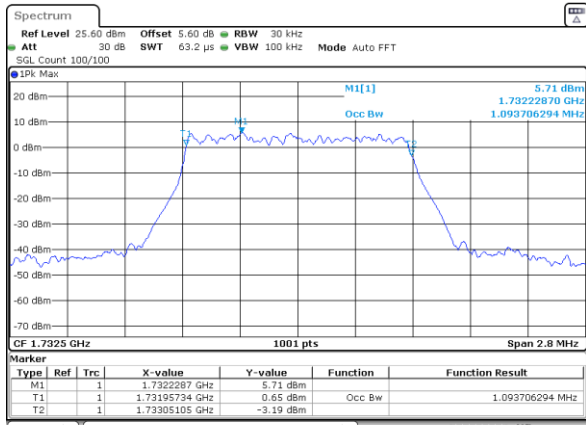
Date: 14 JUN 2023 23:25:00

Middle Channel / 1.4MHz / 16QAM



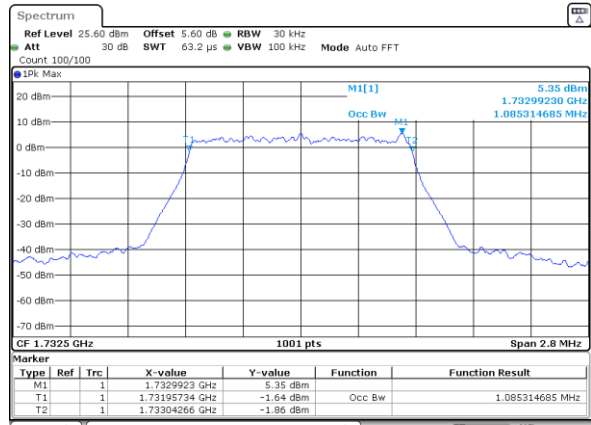
Date: 14 JUN 2023 23:26:05

Middle Channel / 1.4MHz / 64QAM



Date: 14 JUN 2023 23:26:27

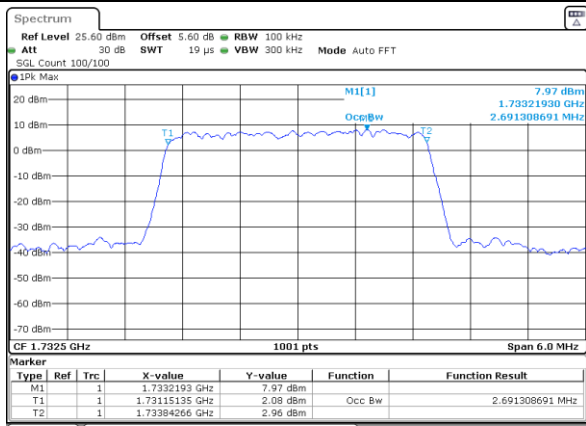
Middle Channel / 1.4MHz / 256QAM



Date: 14 JUN 2023 23:31:01

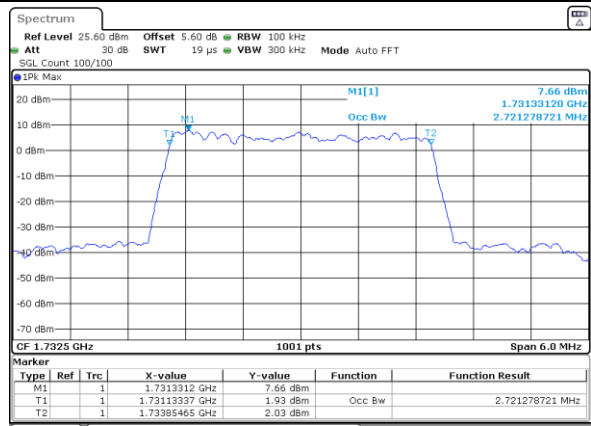
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 14 JUN 2023 23:58:09

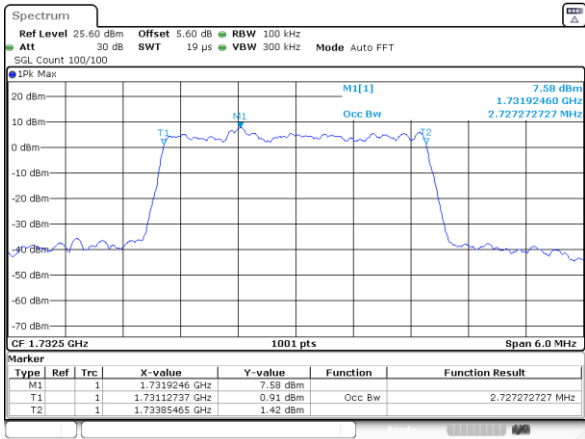
Middle Channel / 3MHz / 16QAM



Date: 14 JUN 2023 23:58:31

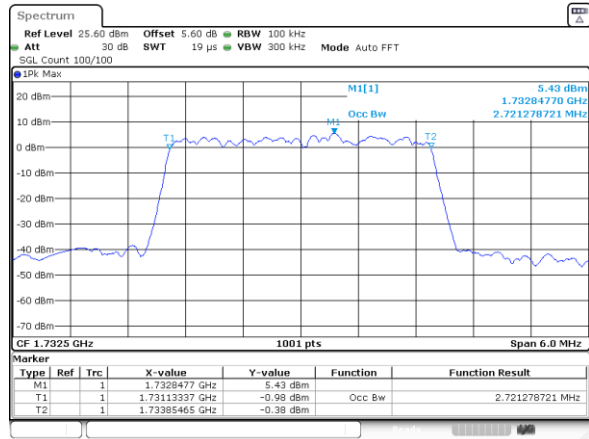


Middle Channel / 3MHz / 64QAM



Date: 15 JUN 2023 00:46:59

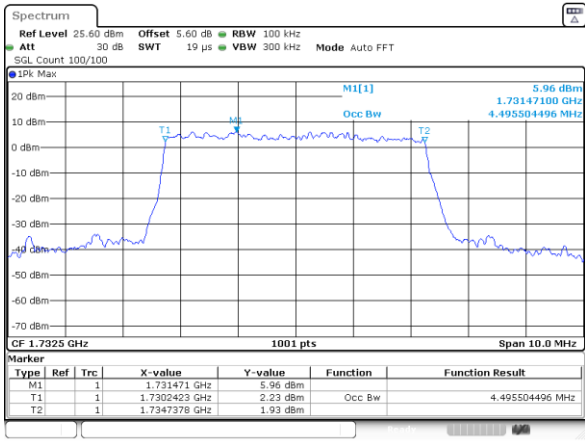
Middle Channel / 3MHz / 256QAM



Date: 15 JUN 2023 00:47:26

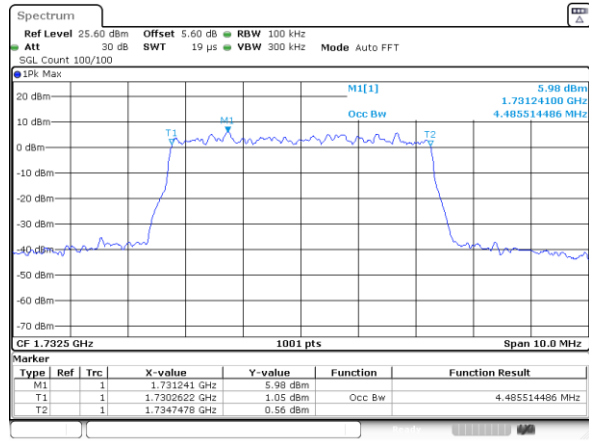
LTE Band 66

Middle Channel / 5MHz / QPSK



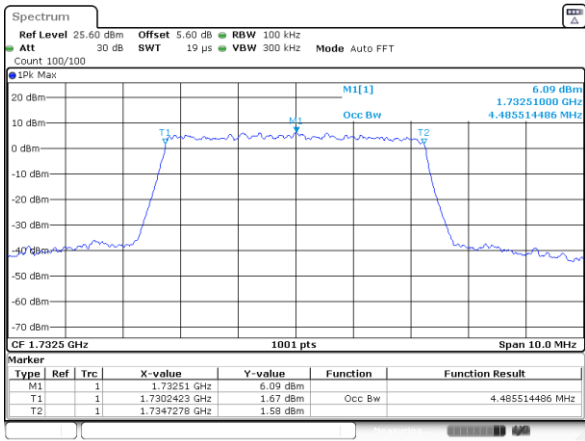
Date: 15 JUN 2023 00:11:43

Middle Channel / 5MHz / 16QAM



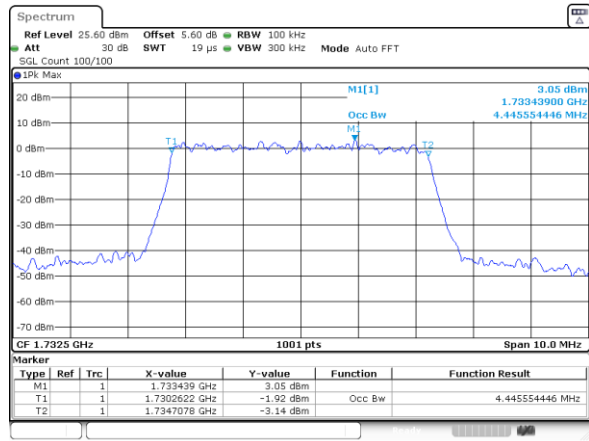
Date: 15 JUN 2023 00:12:05

Middle Channel / 5MHz / 64QAM



Date: 15 JUN 2023 00:40:22

Middle Channel / 5MHz / 256QAM

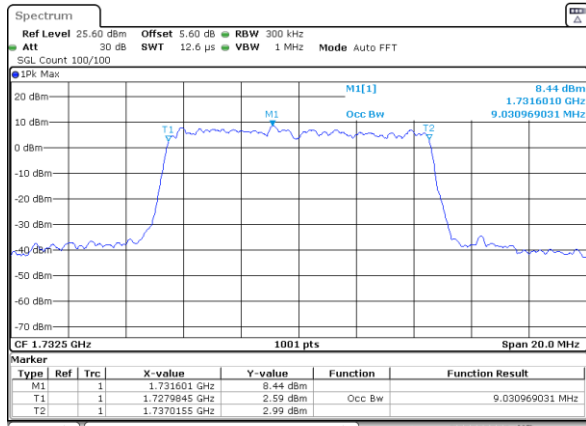


Date: 15 JUN 2023 00:40:56



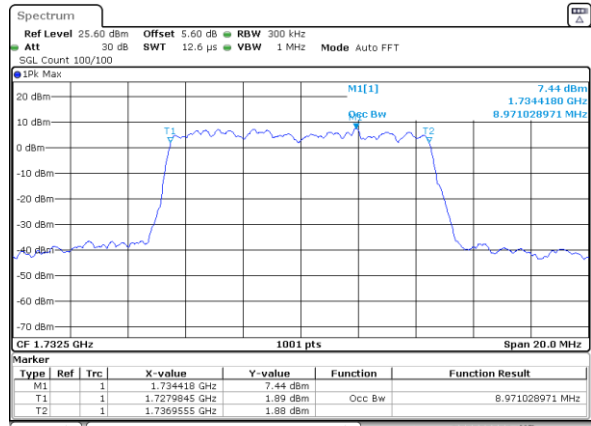
LTE Band 66

Middle Channel / 10MHz / QPSK



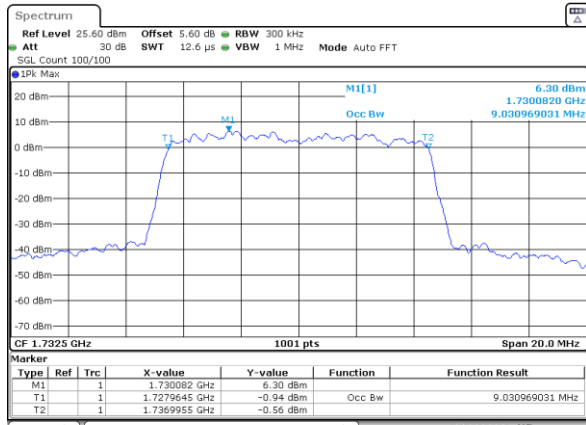
Date: 15 JUN 2023 01:03:22

Middle Channel / 10MHz / 16QAM



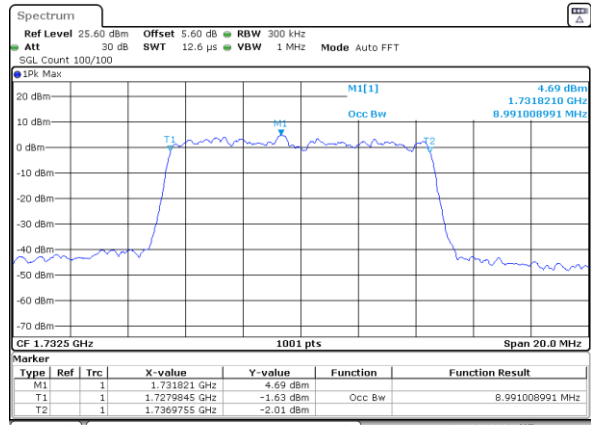
Date: 15 JUN 2023 01:03:44

Middle Channel / 10MHz / 64QAM



Date: 15 JUN 2023 01:25:55

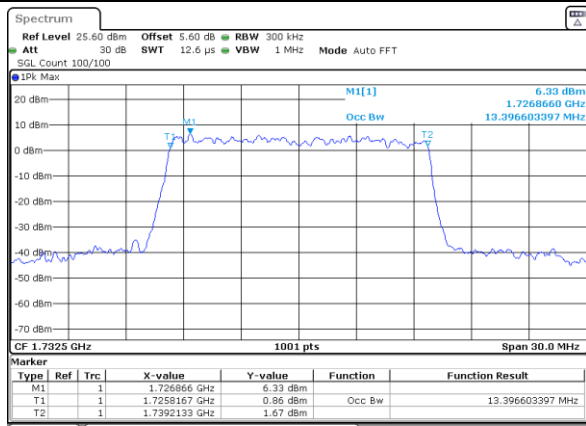
Middle Channel / 10MHz / 256QAM



Date: 15 JUN 2023 01:26:49

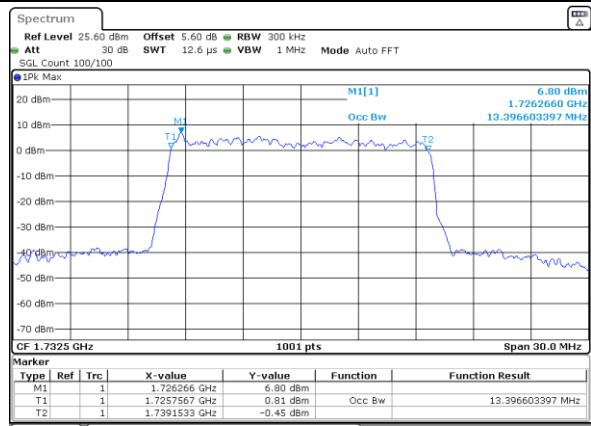
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 15 JUN 2023 01:21:01

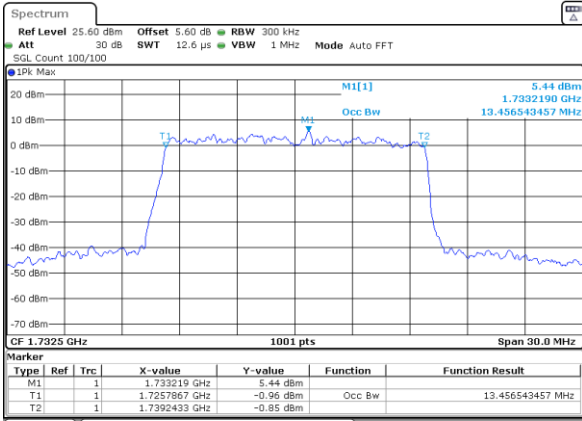
Middle Channel / 15MHz / 16QAM



Date: 15 JUN 2023 01:21:23

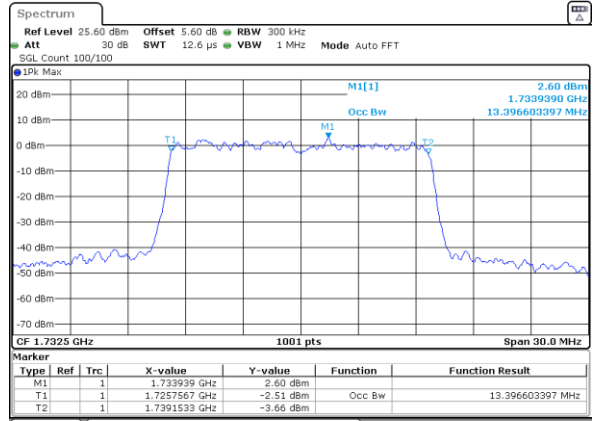


Middle Channel / 15MHz / 64QAM



Date: 15 JUN 2023 01:22:50

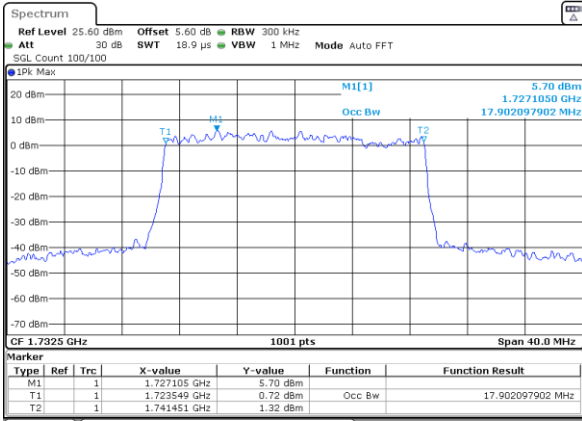
Middle Channel / 15MHz / 256QAM



Date: 15 JUN 2023 01:23:50

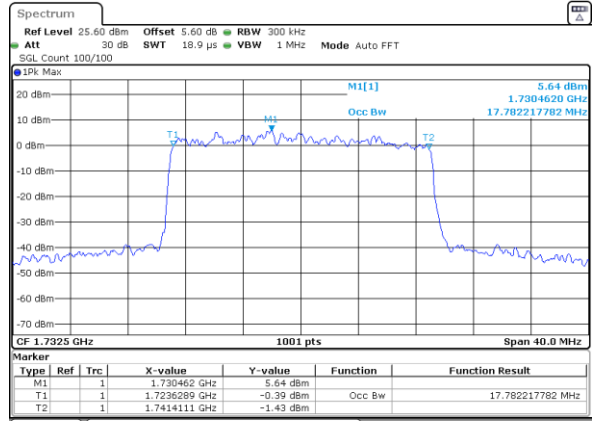
LTE Band 66

Middle Channel / 20MHz / QPSK



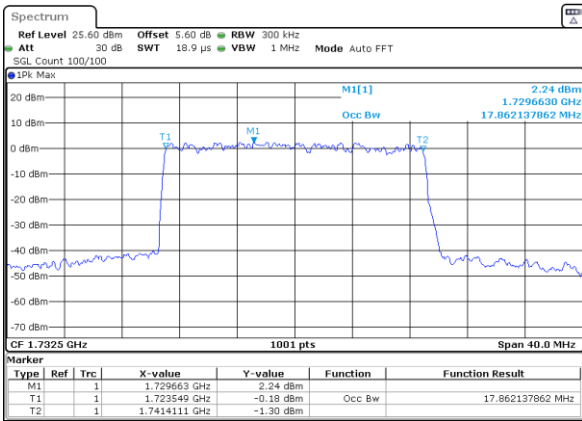
Date: 15 JUN 2023 01:55:50

Middle Channel / 20MHz / 16QAM



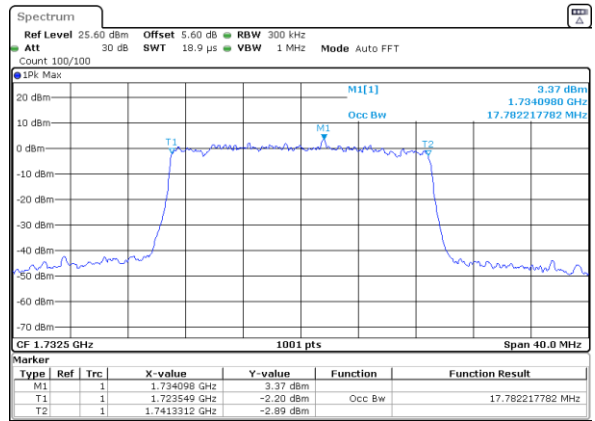
Date: 15 JUN 2023 01:55:28

Middle Channel / 20MHz / 64QAM



Date: 15 JUN 2023 01:59:54

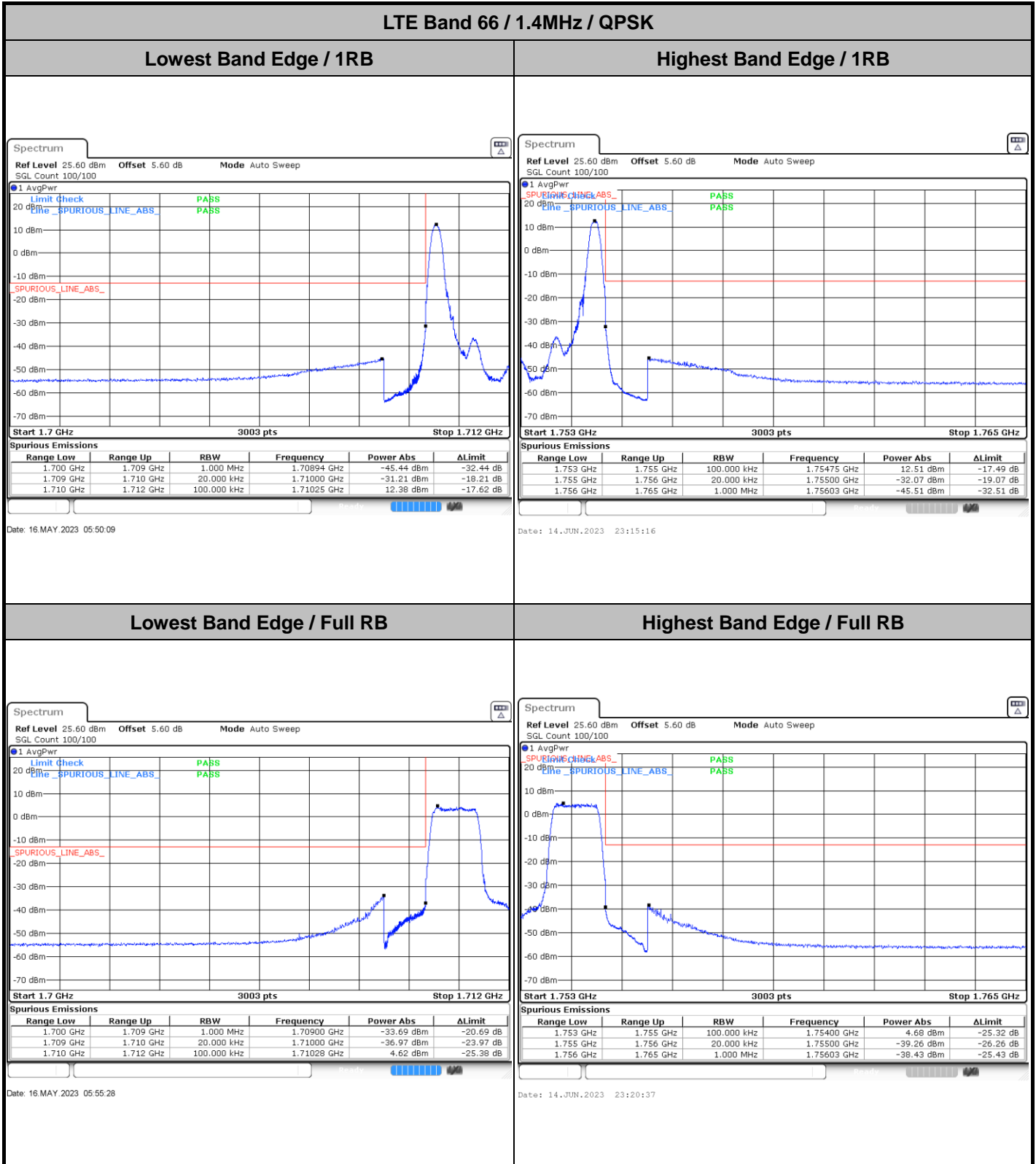
Middle Channel / 20MHz / 256QAM



Date: 15 JUN 2023 01:59:26



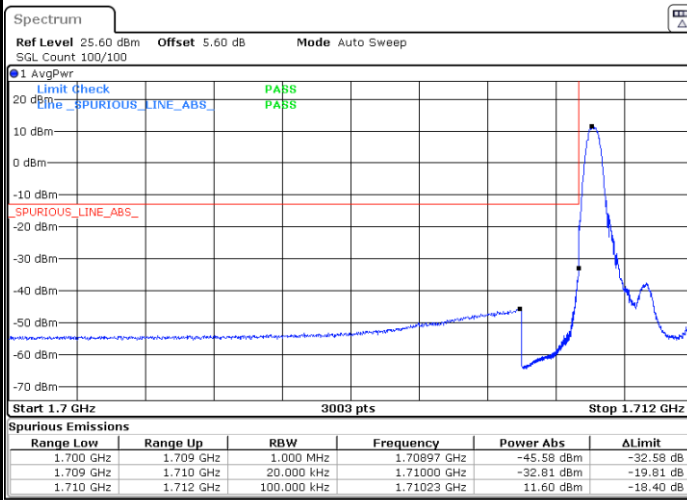
A4.4 Conducted Band Edge





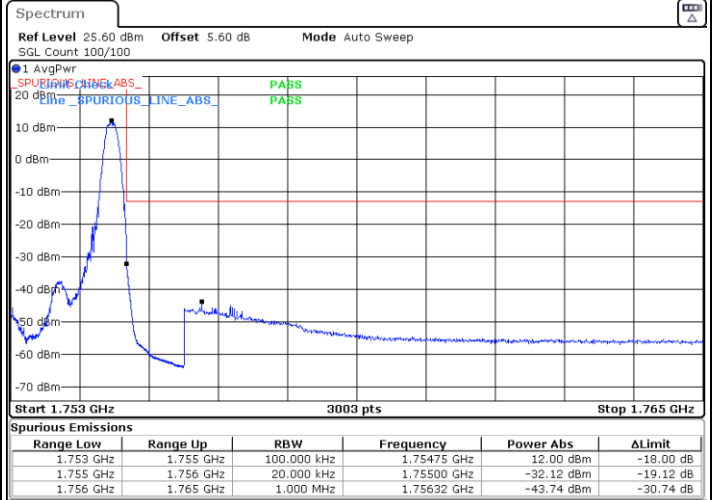
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



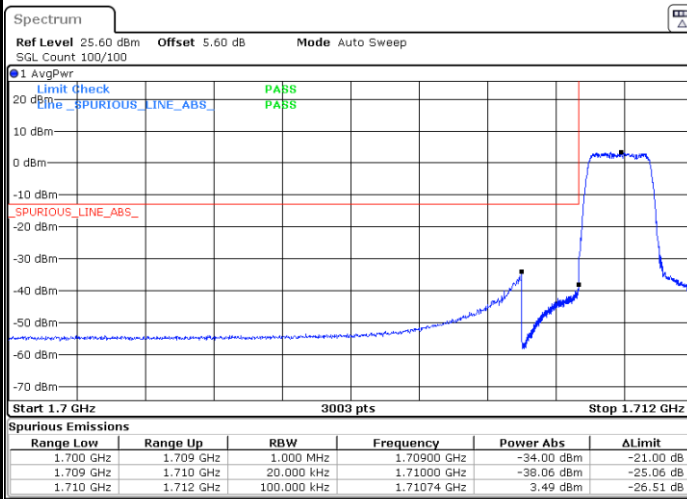
Date: 16.MAY.2023 05:51:29

Highest Band Edge / 1 RB



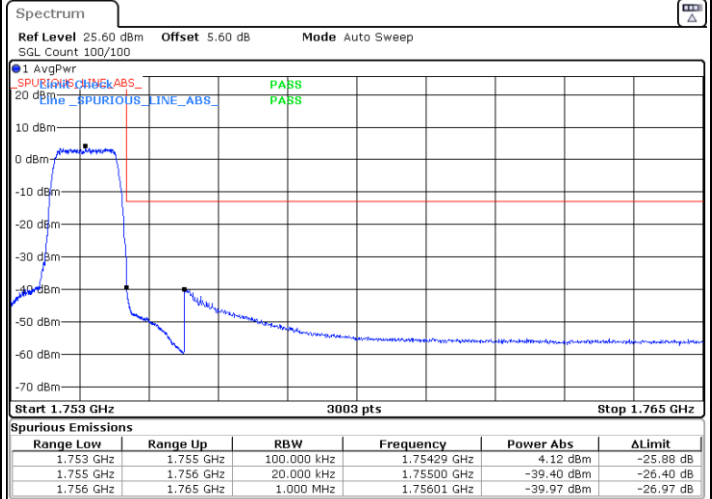
Date: 14.JUN.2023 23:16:36

Lowest Band Edge / Full RB



Date: 16.MAY.2023 05:56:48

Highest Band Edge / Full RB

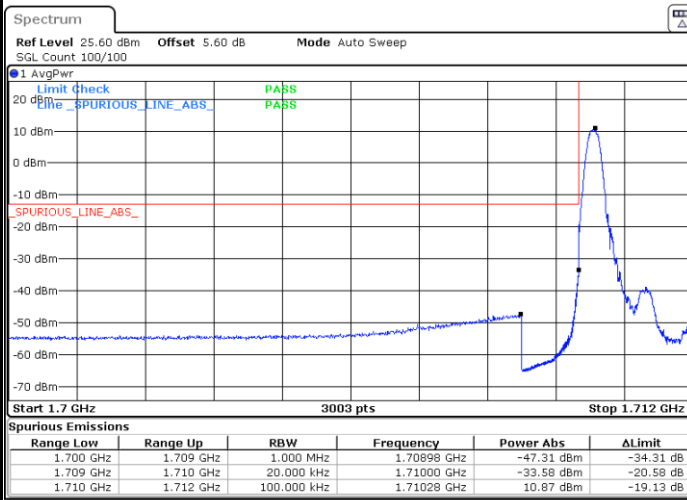


Date: 14.JUN.2023 23:21:58



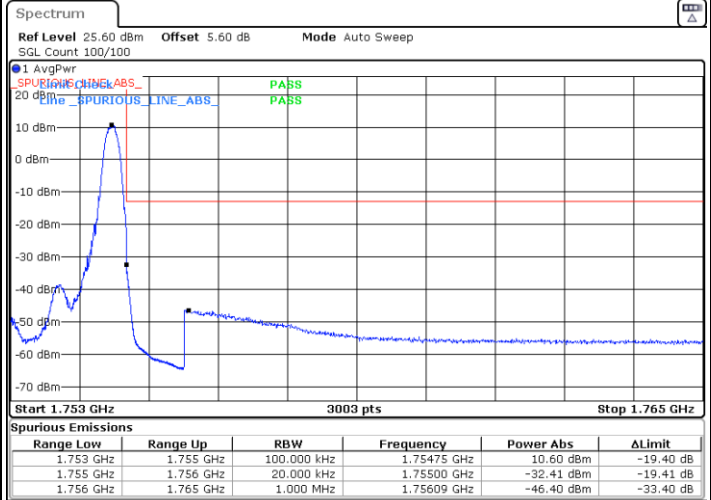
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



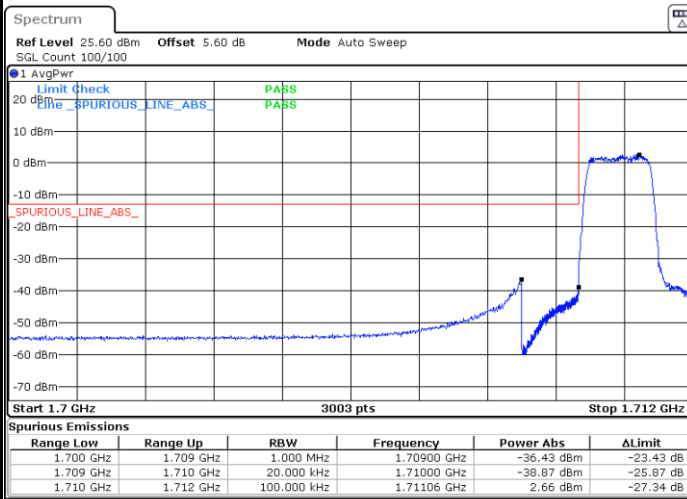
Date: 16.MAY.2023 05:52:49

Highest Band Edge / 1 RB



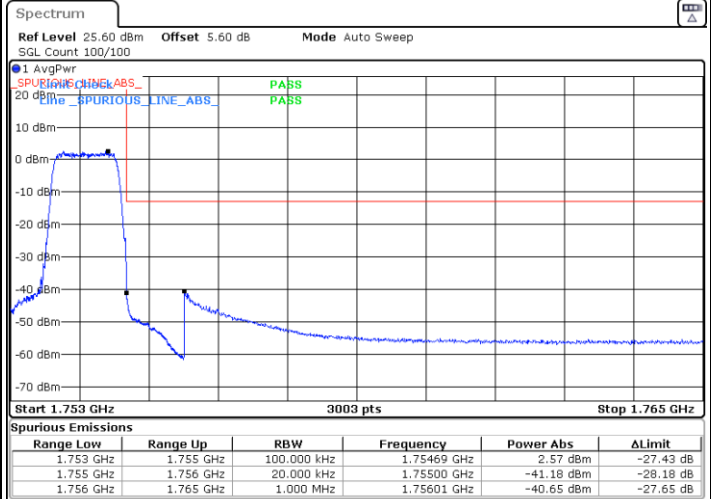
Date: 14.JUN.2023 23:17:57

Lowest Band Edge / Full RB



Date: 16.MAY.2023 05:58:07

Highest Band Edge / Full RB

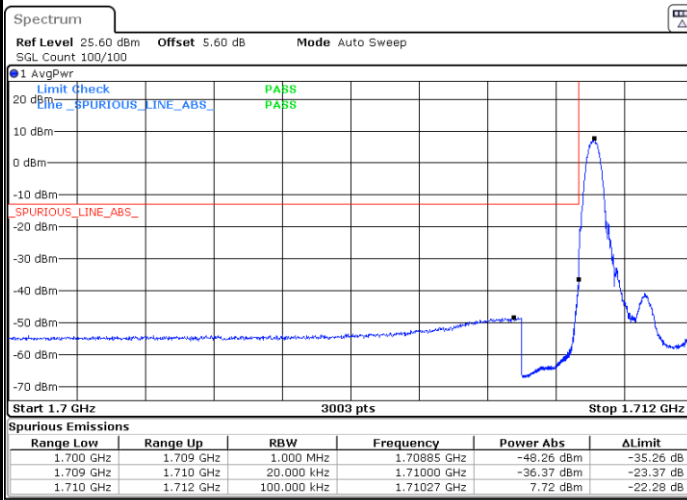


Date: 14.JUN.2023 23:23:18



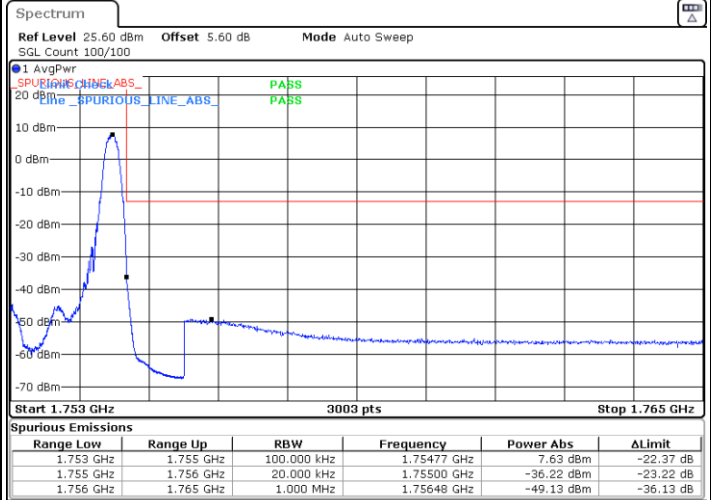
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



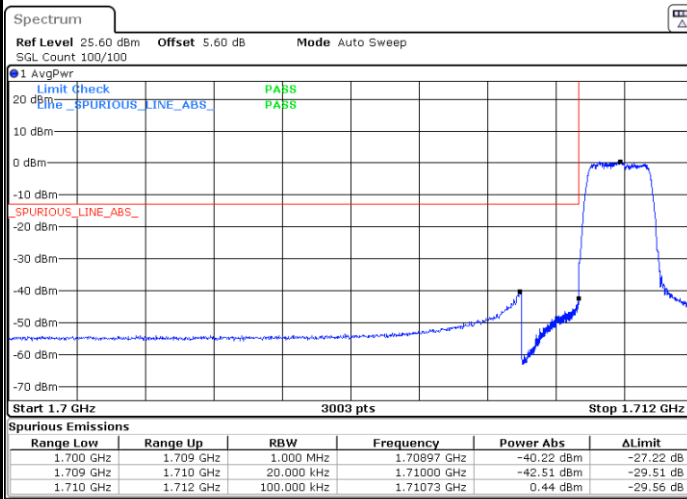
Date: 16.MAY.2023 05:54:08

Highest Band Edge / 1 RB



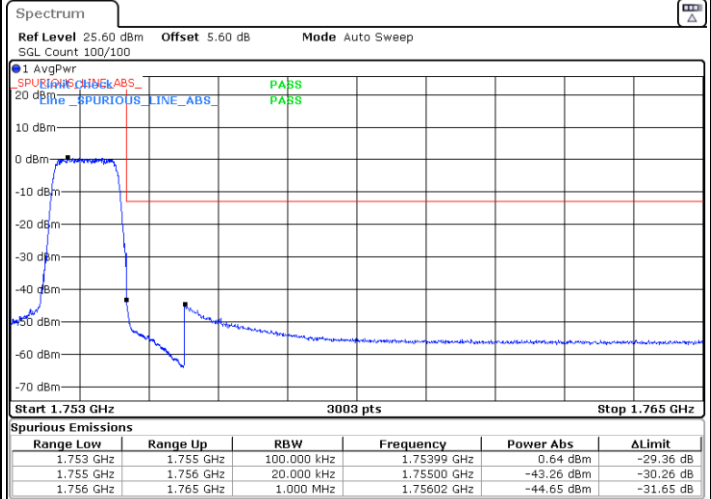
Date: 14.JUN.2023 23:19:17

Lowest Band Edge / Full RB



Date: 16.MAY.2023 05:59:27

Highest Band Edge / Full RB

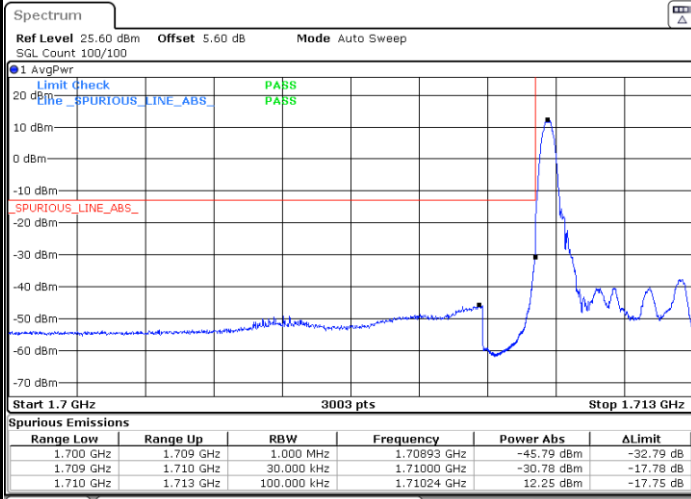


Date: 14.JUN.2023 23:24:38



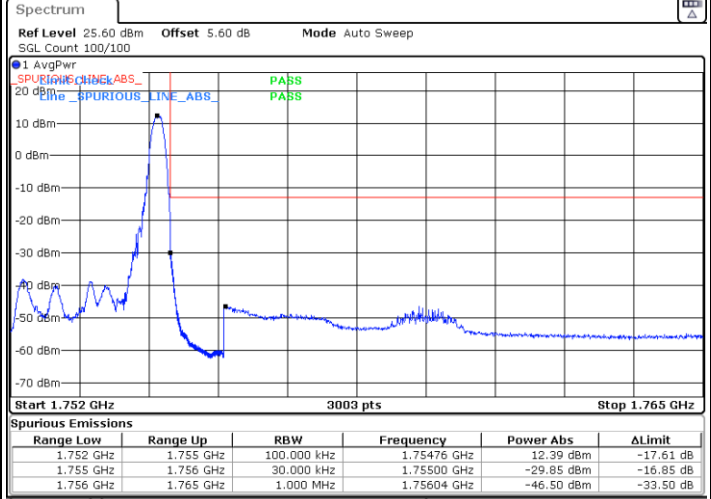
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



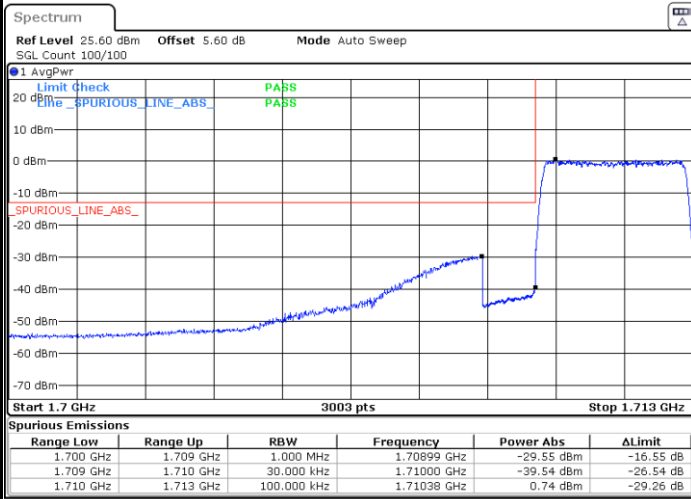
Date: 16.MAY.2023 06:22:37

Highest Band Edge / 1 RB



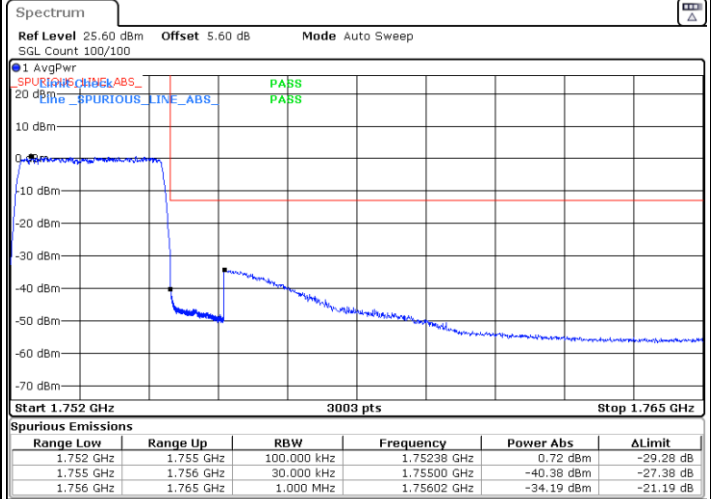
Date: 14.JUN.2023 23:46:40

Lowest Band Edge / Full RB



Date: 16.MAY.2023 06:27:56

Highest Band Edge / Full RB

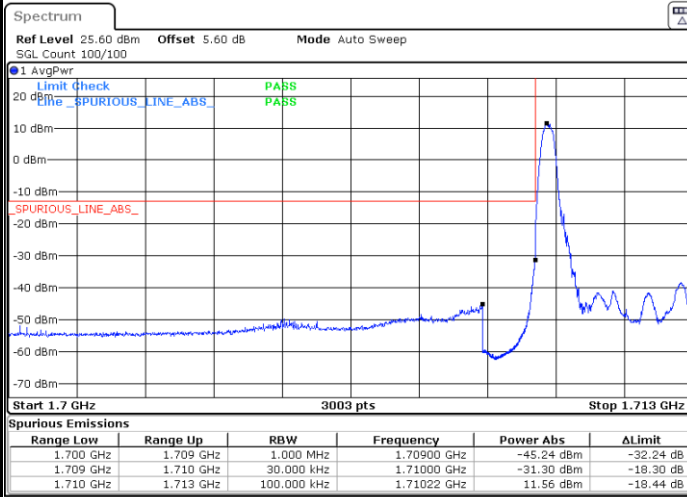


Date: 14.JUN.2023 23:50:40



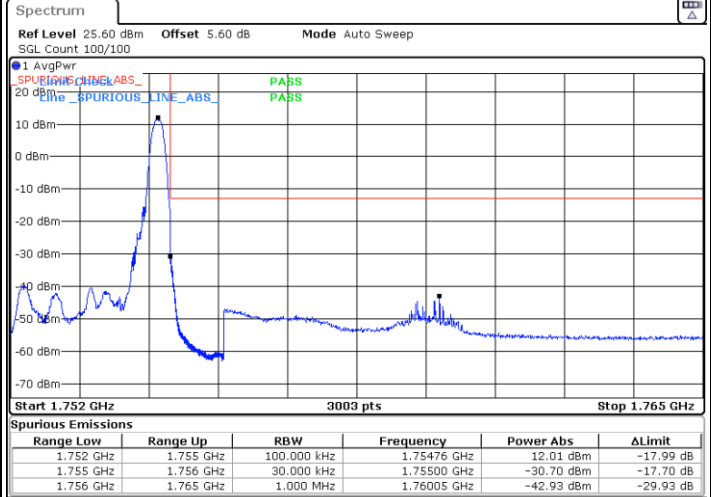
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



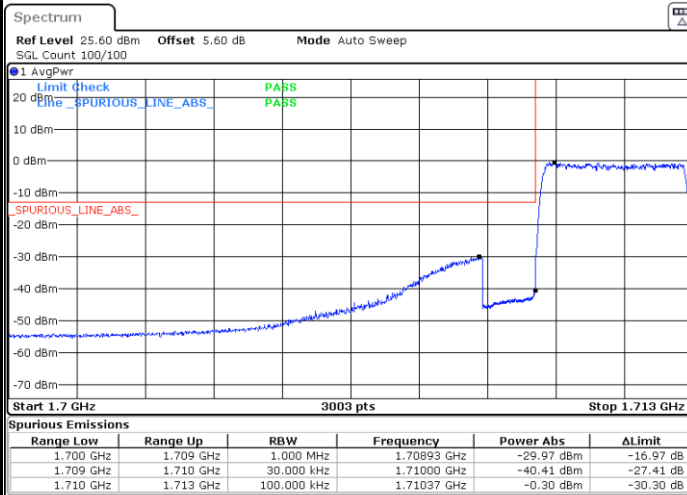
Date: 16.MAY.2023 06:23:57

Highest Band Edge / 1 RB



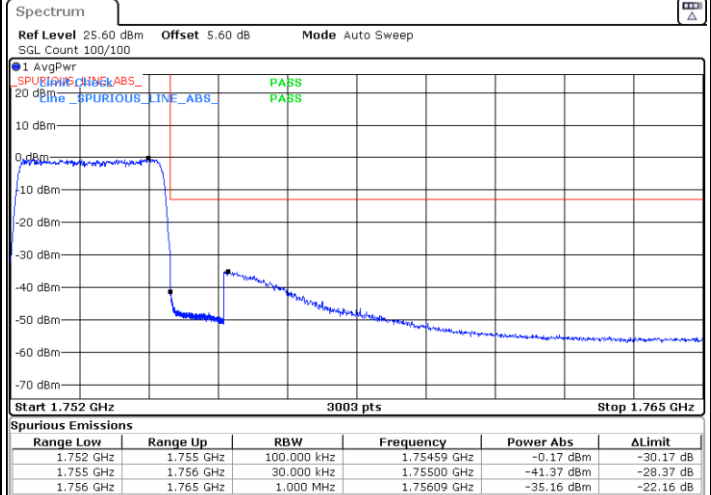
Date: 14.JUN.2023 23:47:40

Lowest Band Edge / Full RB



Date: 16.MAY.2023 06:29:16

Highest Band Edge / Full RB

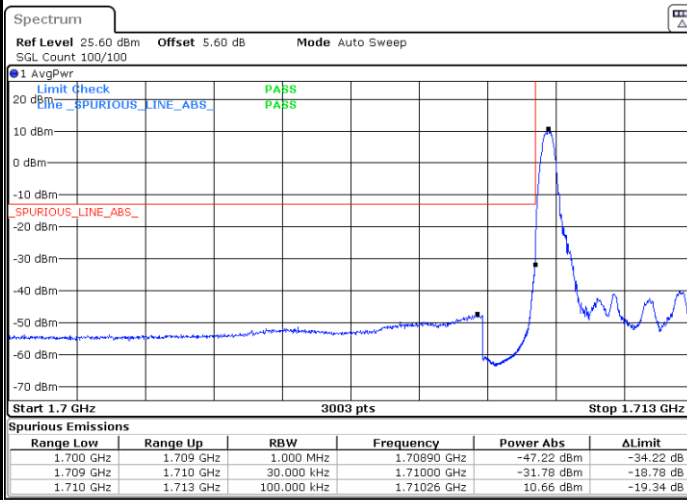


Date: 14.JUN.2023 23:51:41



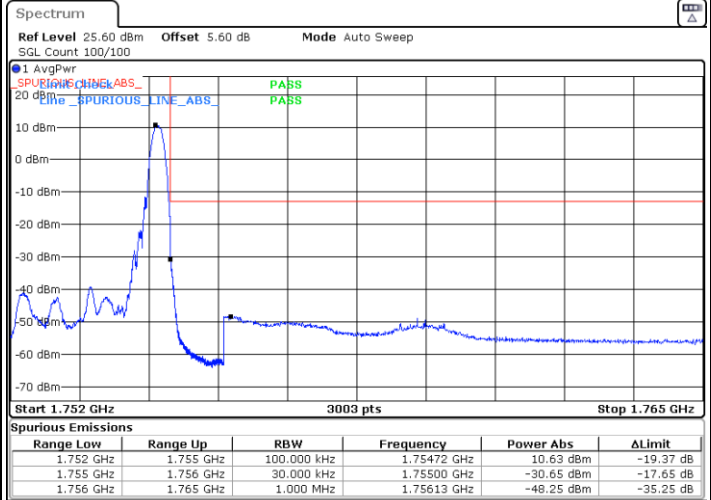
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



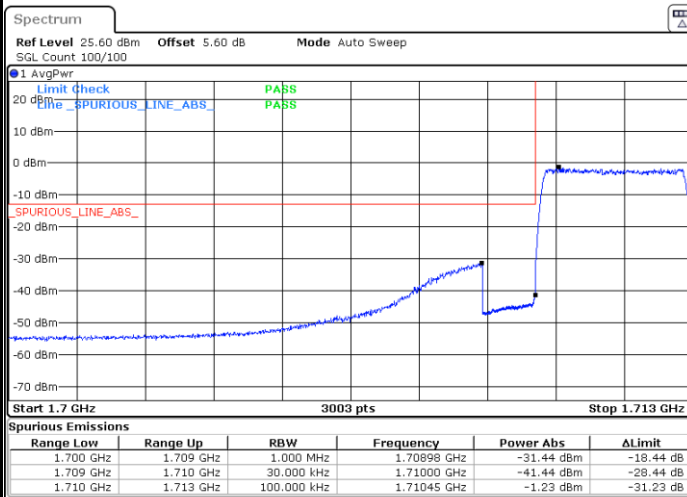
Date: 16.MAY.2023 06:25:17

Highest Band Edge / 1 RB



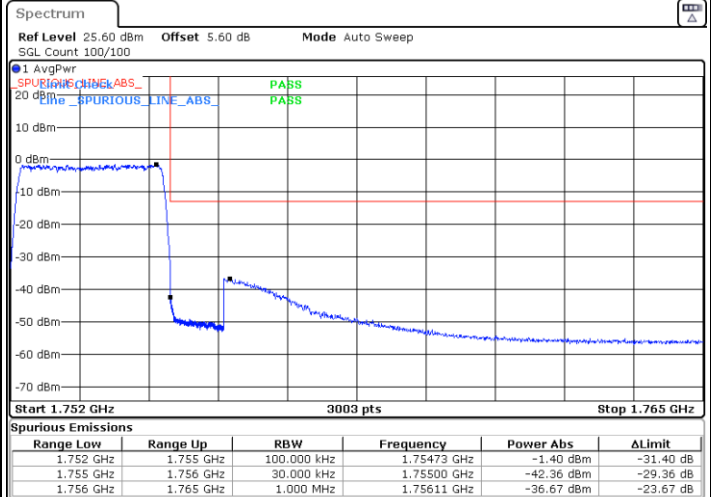
Date: 14.JUN.2023 23:48:40

Lowest Band Edge / Full RB



Date: 16.MAY.2023 06:30:36

Highest Band Edge / Full RB

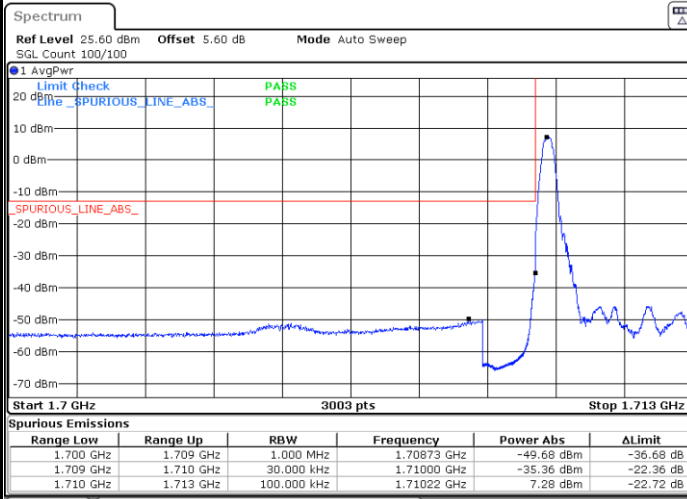


Date: 14.JUN.2023 23:52:41



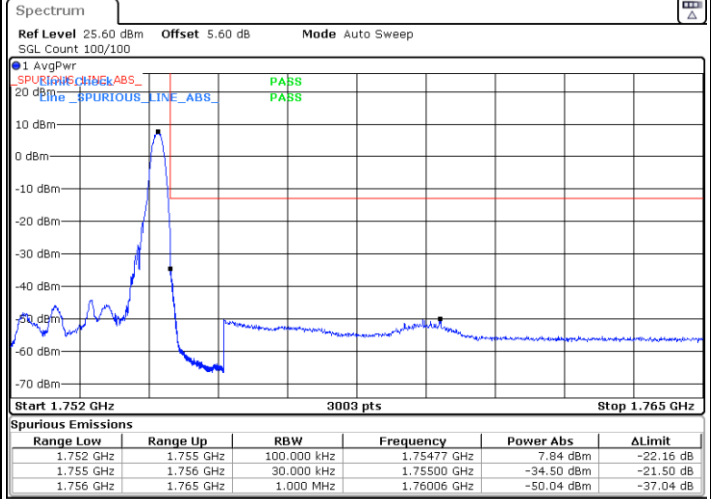
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



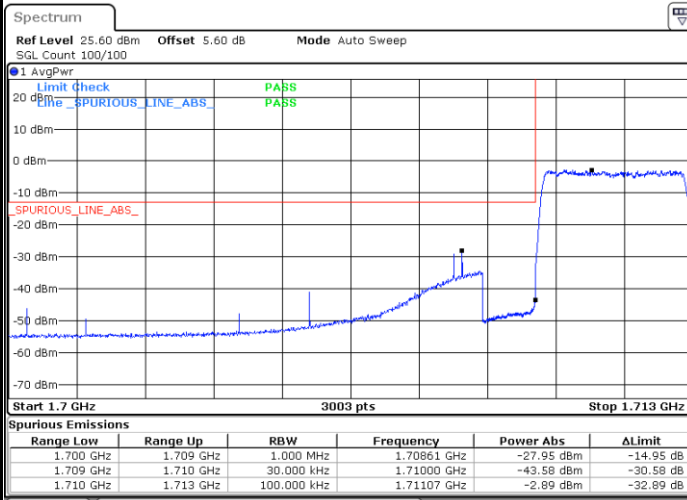
Date: 16.MAY.2023 09:26:37

Highest Band Edge / 1 RB



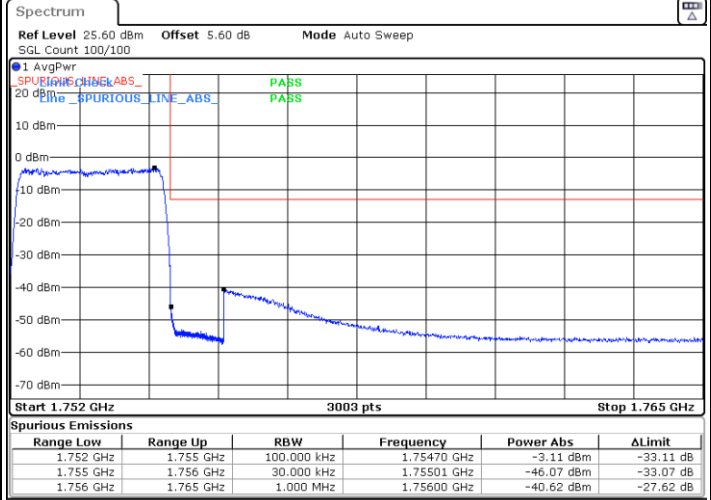
Date: 14.JUN.2023 23:49:40

Lowest Band Edge / Full RB



Date: 17.MAY.2023 00:17:55

Highest Band Edge / Full RB

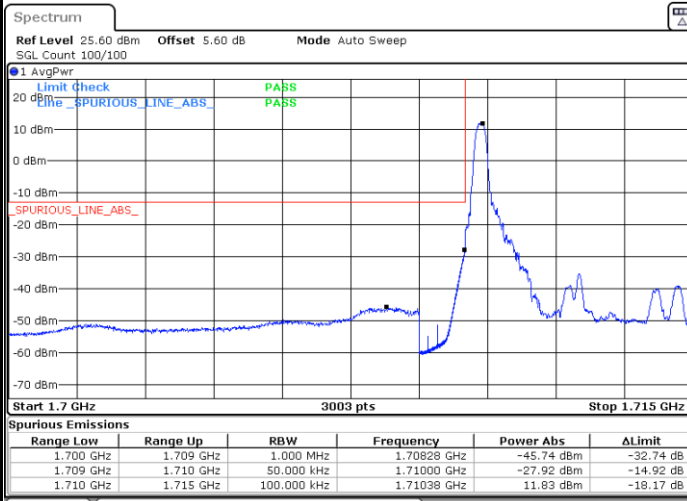


Date: 14.JUN.2023 23:53:41



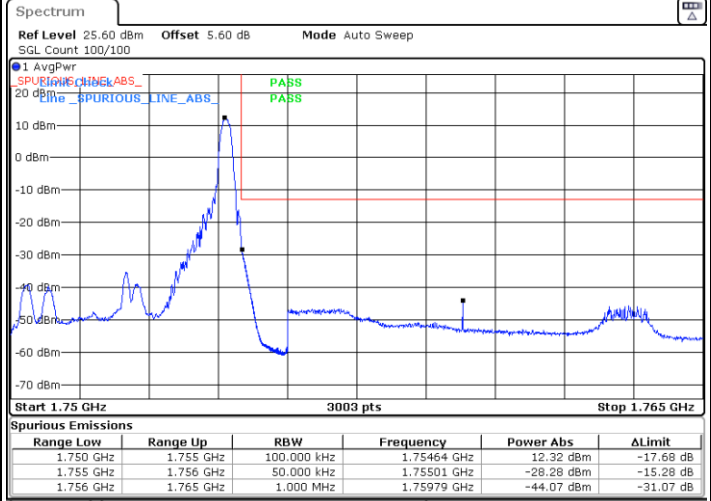
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



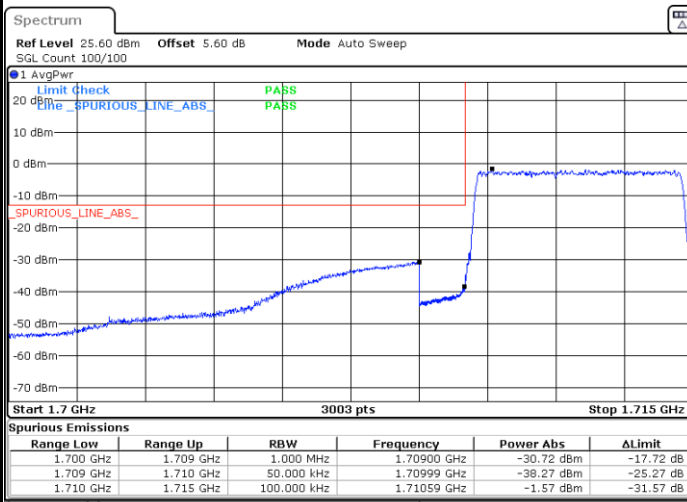
Date: 16.MAY.2023 07:02:05

Highest Band Edge / 1 RB



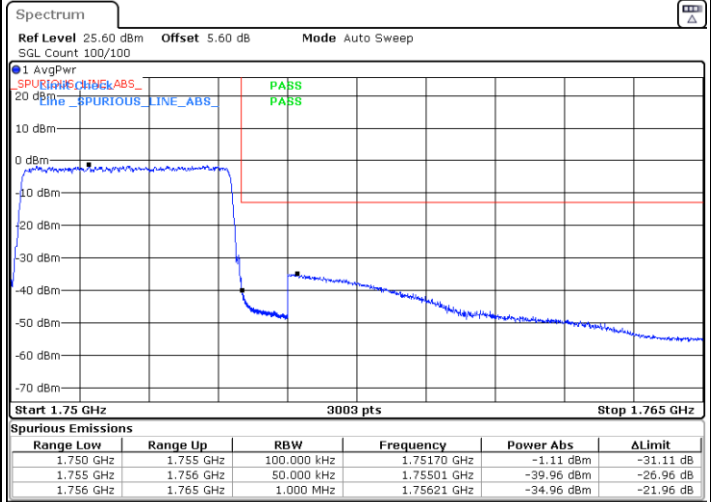
Date: 15.JUN.2023 00:04:15

Lowest Band Edge / Full RB



Date: 16.MAY.2023 07:09:52

Highest Band Edge / Full RB

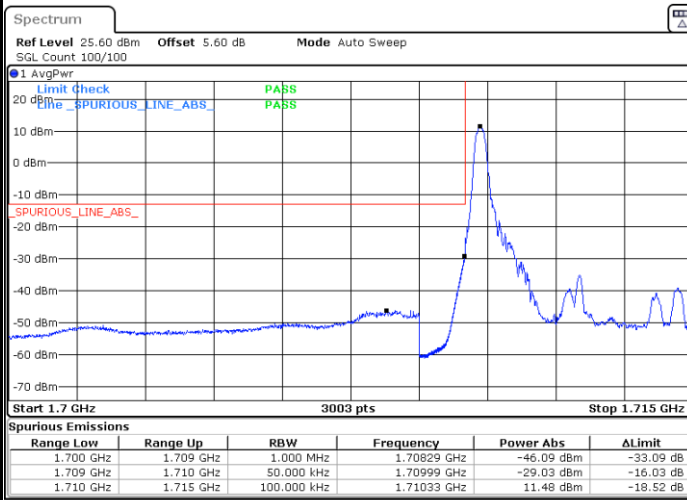


Date: 15.JUN.2023 00:00:15



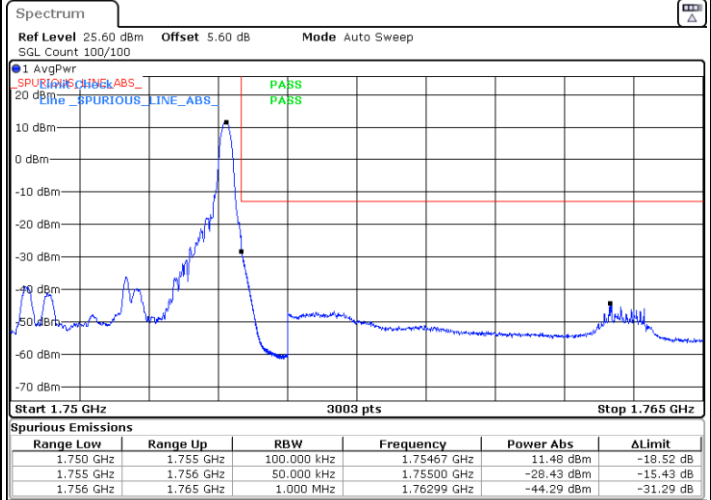
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



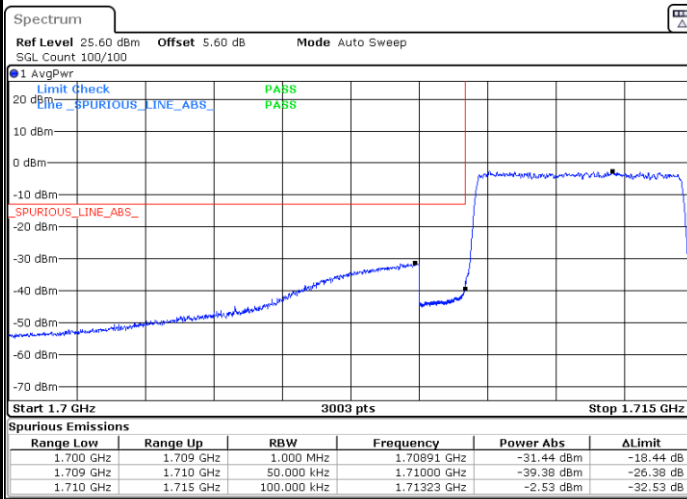
Date: 16.MAY.2023 07:03:25

Highest Band Edge / 1 RB



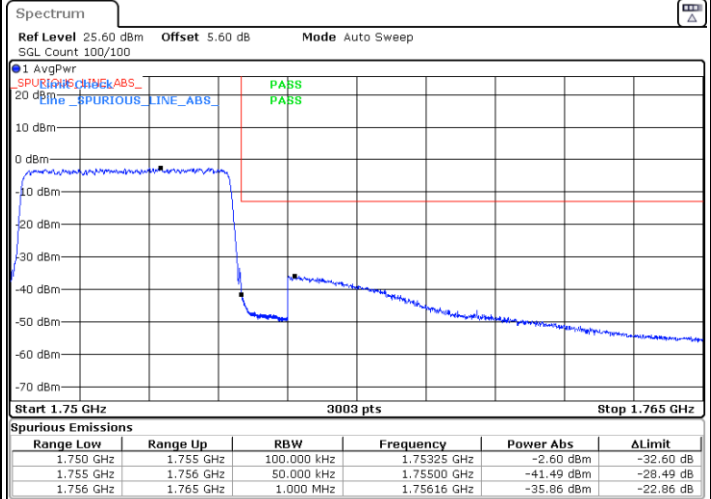
Date: 15.JUN.2023 00:05:15

Lowest Band Edge / Full RB



Date: 16.MAY.2023 07:11:12

Highest Band Edge / Full RB

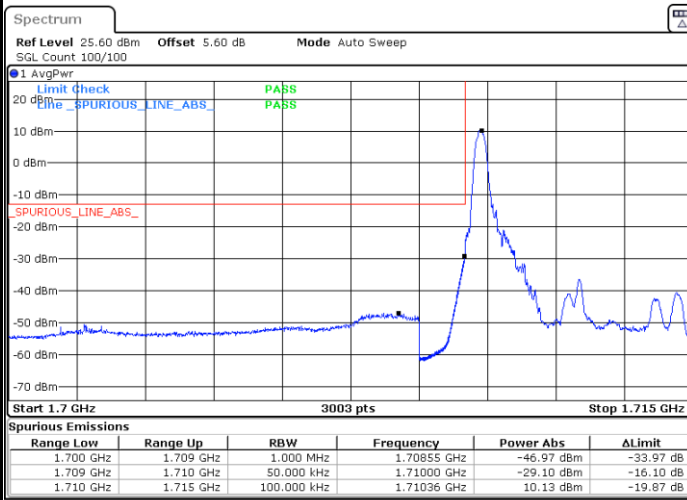


Date: 15.JUN.2023 00:01:14



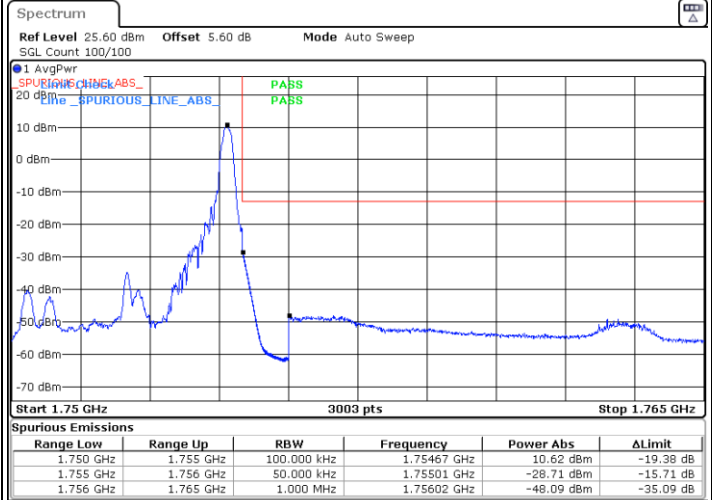
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



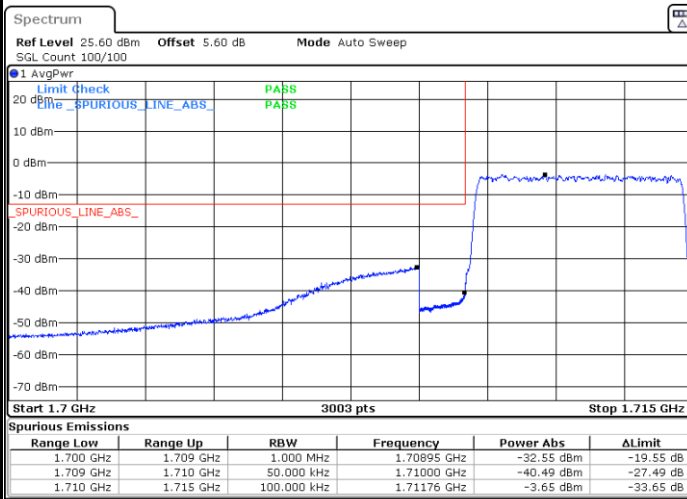
Date: 16.MAY.2023 07:04:45

Highest Band Edge / 1 RB



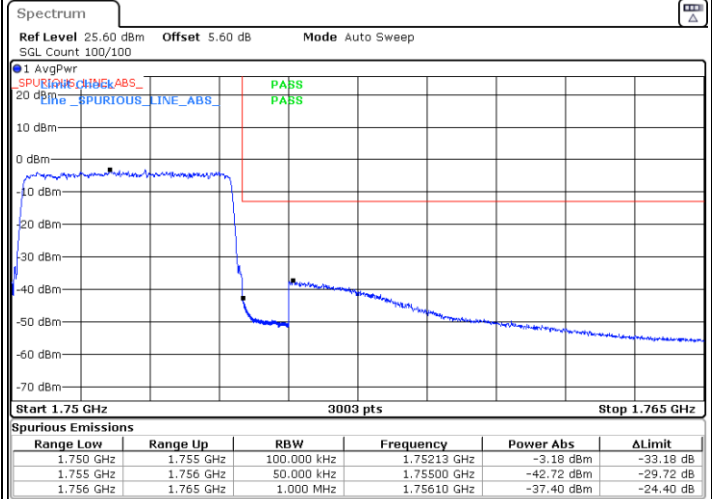
Date: 15.JUN.2023 00:06:15

Lowest Band Edge / Full RB



Date: 16.MAY.2023 07:12:32

Highest Band Edge / Full RB

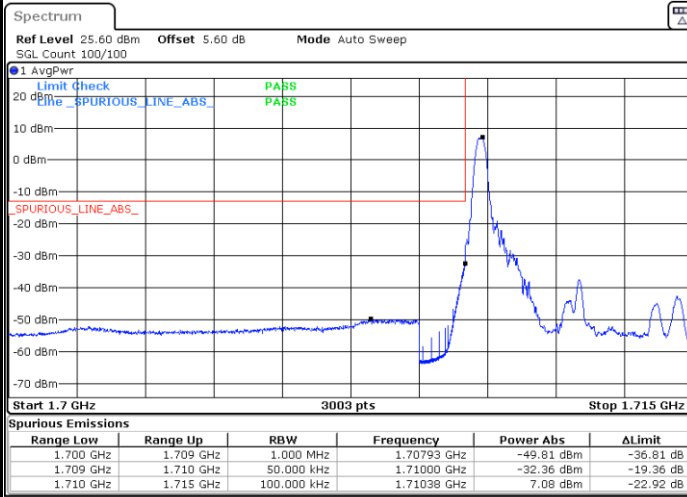


Date: 15.JUN.2023 00:02:14



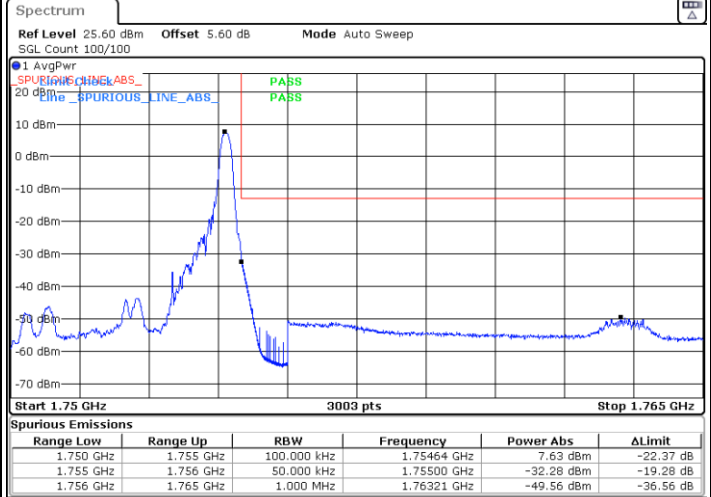
LTE Band 66 / 5MHz /256QAM

Lowest Band Edge / 1RB



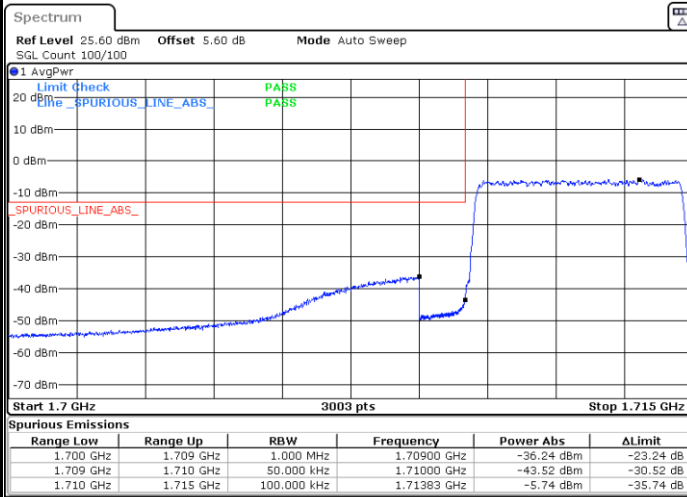
Date: 16.MAY.2023 07:08:33

Highest Band Edge / 1 RB



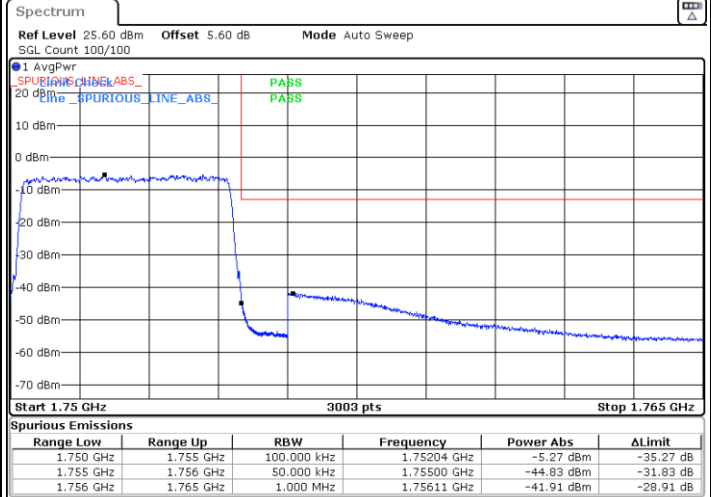
Date: 15.JUN.2023 00:07:15

Lowest Band Edge / Full RB



Date: 16.MAY.2023 07:13:51

Highest Band Edge / Full RB

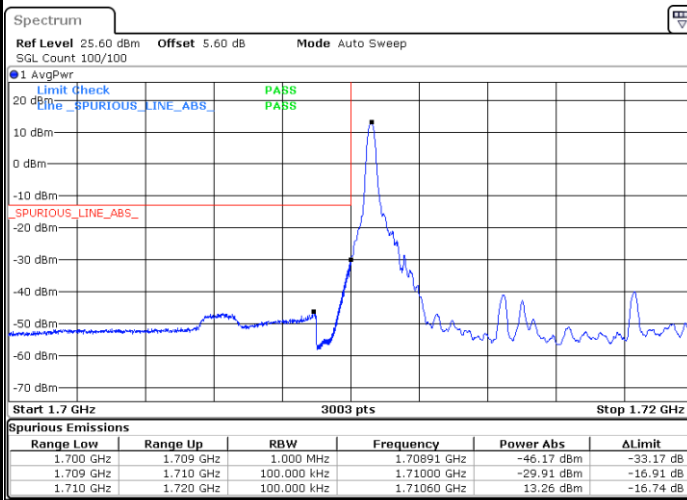


Date: 15.JUN.2023 00:03:14



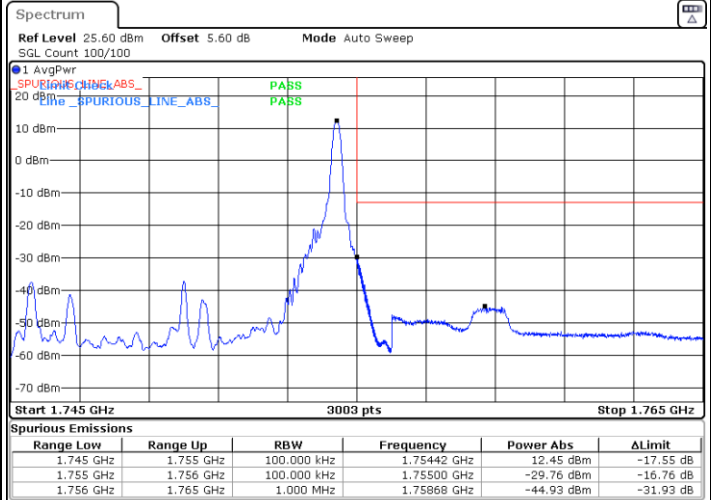
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



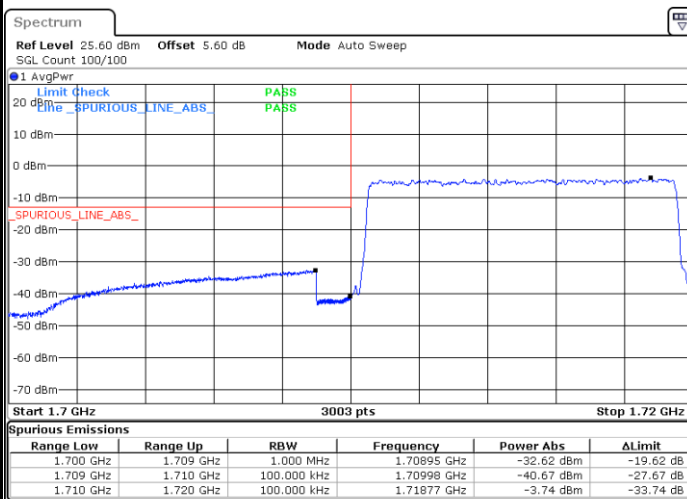
Date: 16.MAY.2023 21:47:25

Highest Band Edge / 1 RB



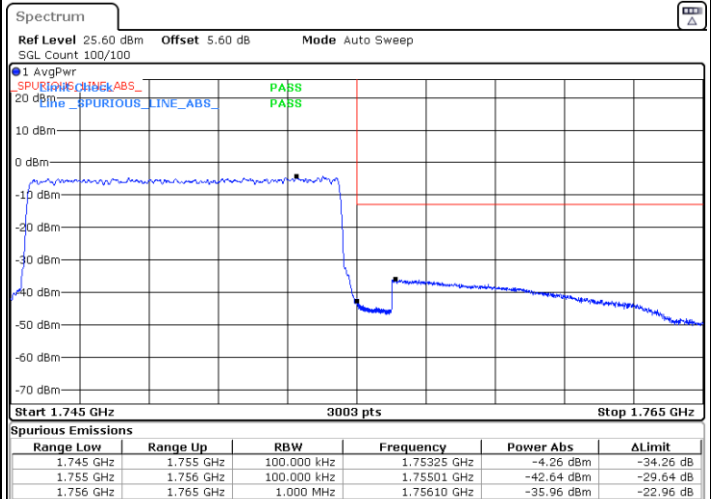
Date: 15.JUN.2023 01:00:00

Lowest Band Edge / Full RB



Date: 16.MAY.2023 21:52:47

Highest Band Edge / Full RB



Date: 15.JUN.2023 00:56:00