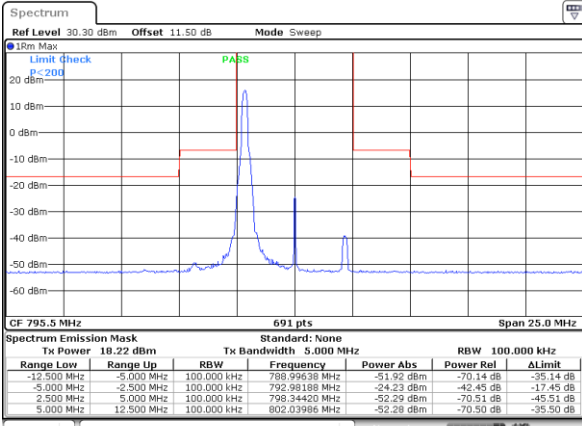


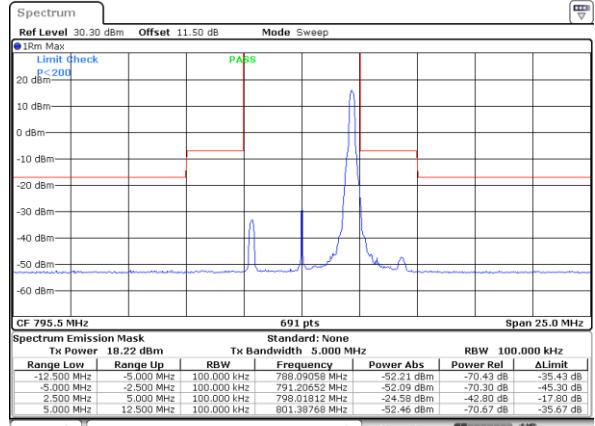


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

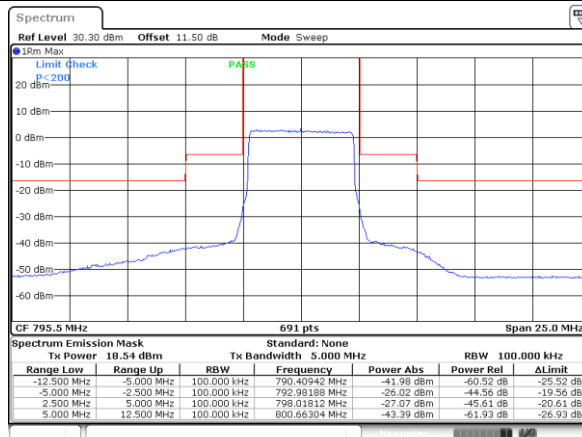


Date: 29_APR_2024 18:15:01

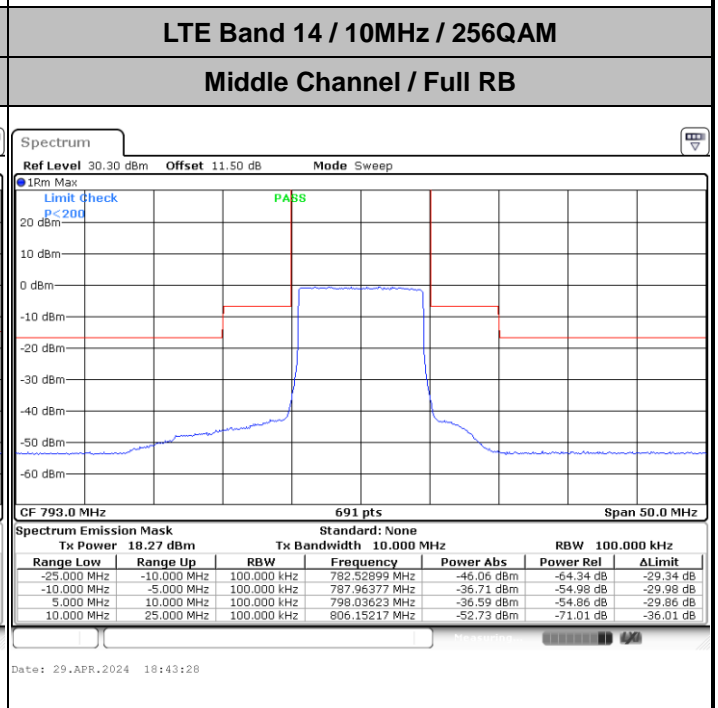
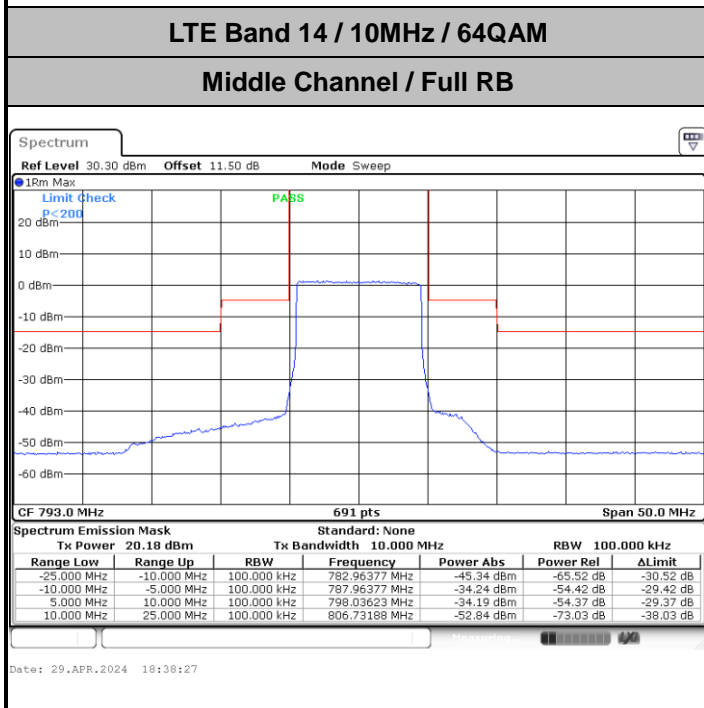
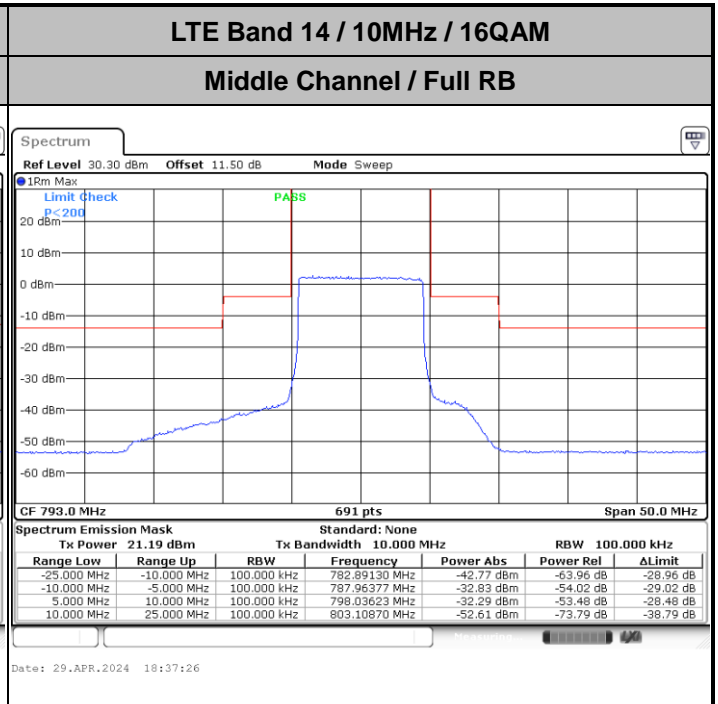
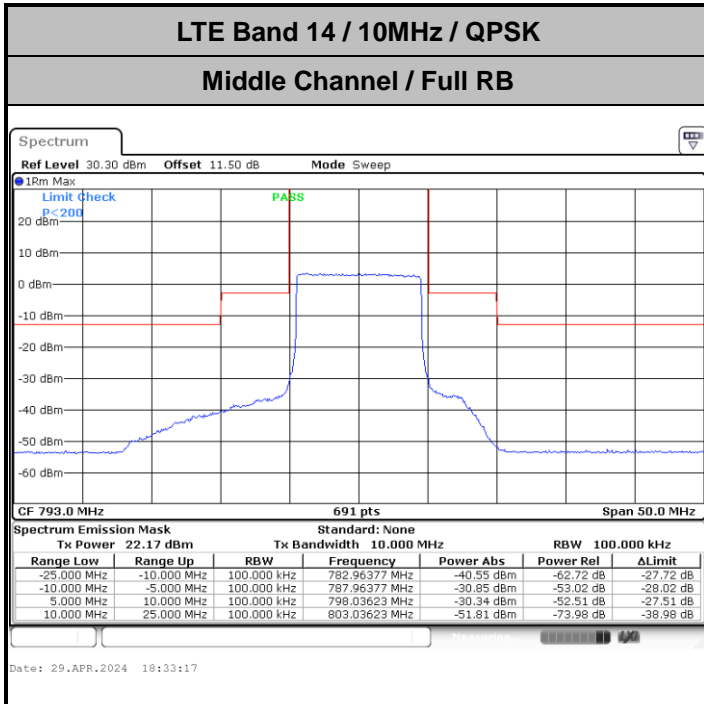


Date: 29_APR_2024 18:13:57

Highest Channel / Full RB



Date: 29_APR_2024 18:12:52





Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0090	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0083	
-10	Normal Voltage	0.0153	
-20	Normal Voltage	0.0153	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0125	

Note:

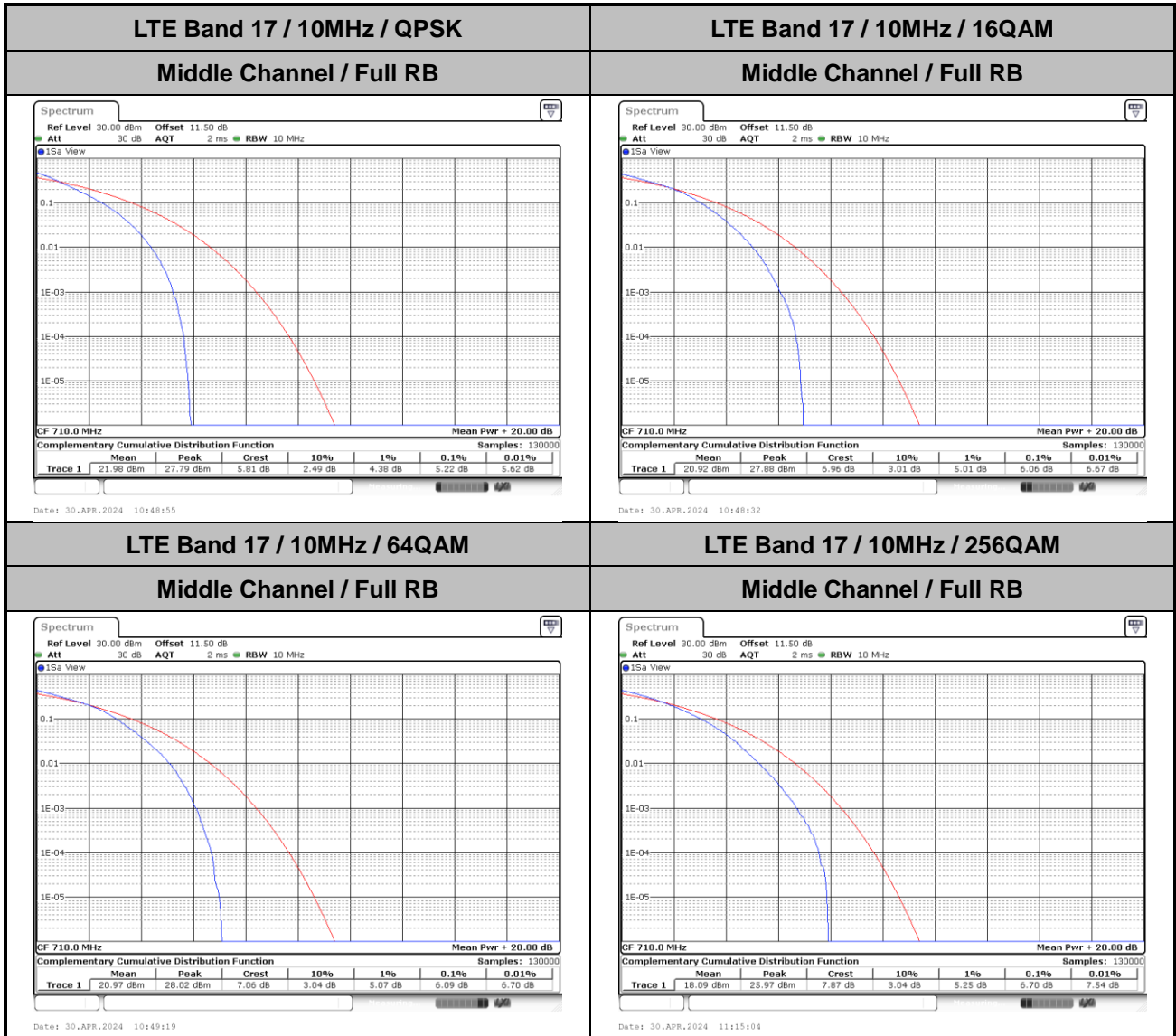
1. Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 17

Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.22	6.06	6.09	6.70	PASS





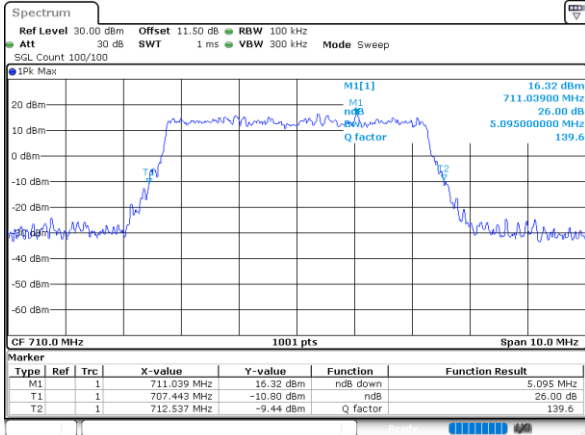
26dB Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	5.09	5.10	9.73	9.78	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	4.93	4.94	10.00	9.78	-	-	-	-



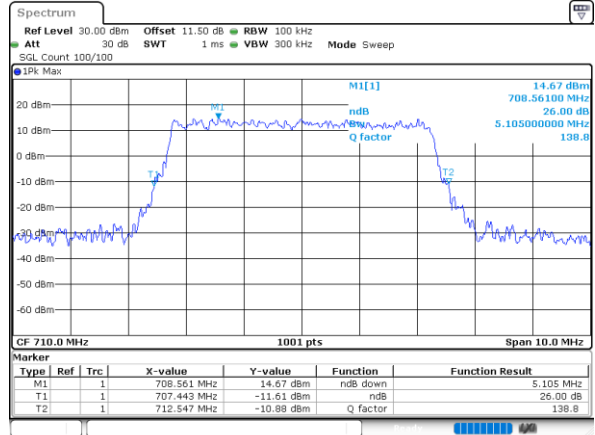
LTE Band 17

Middle Channel / 5MHz / QPSK



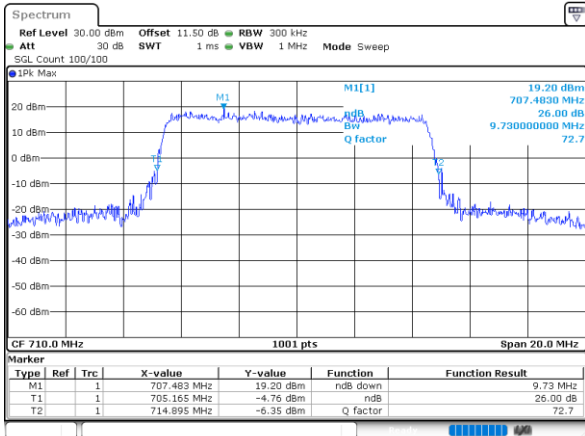
Date: 30.APR.2024 10:30:03

Middle Channel / 5MHz / 16QAM



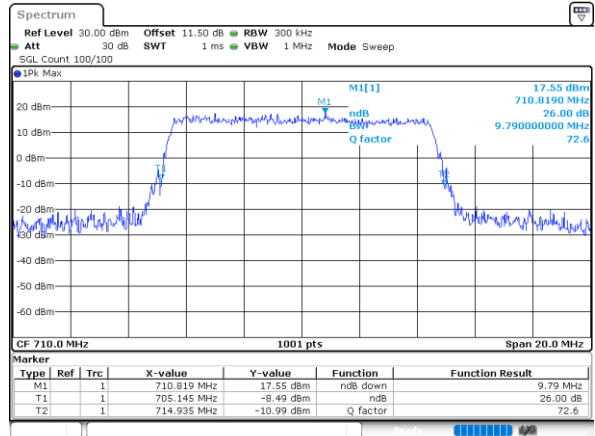
Date: 30.APR.2024 10:30:25

Middle Channel / 10MHz / QPSK



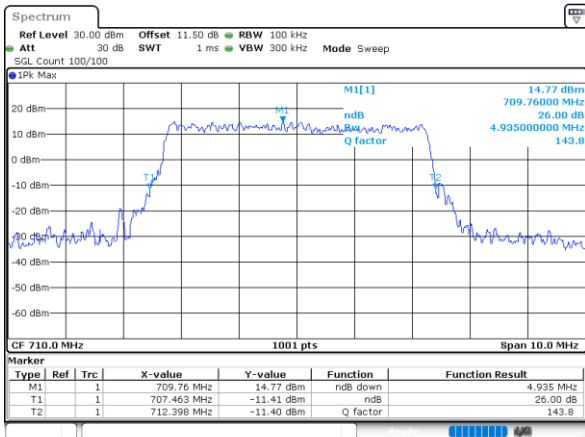
Date: 30.APR.2024 10:39:13

Middle Channel / 10MHz / 16QAM



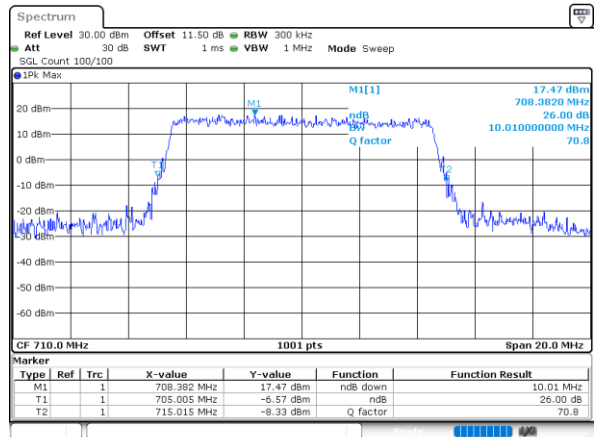
Date: 30.APR.2024 10:39:35

Middle Channel / 5MHz / 64QAM



Date: 30.APR.2024 10:43:52

Middle Channel / 10MHz / 64QAM

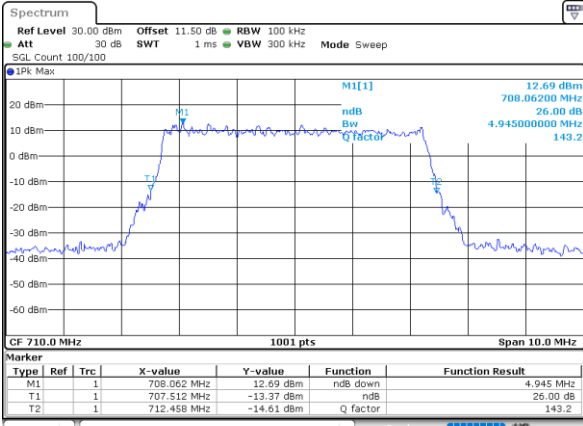


Date: 30.APR.2024 10:47:16



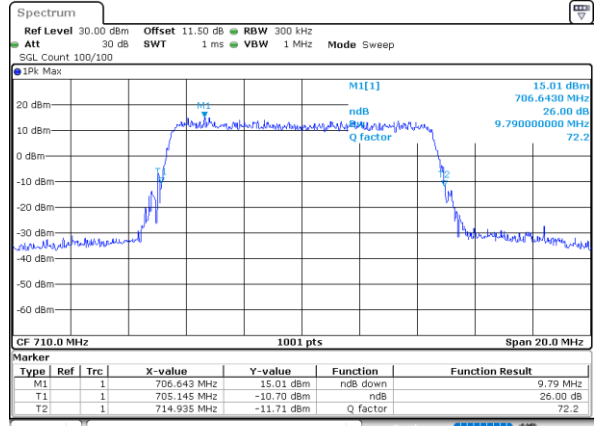
LTE Band 17

Middle Channel / 5MHz / 256QAM



Date: 30.APR.2024 10:52:12

Middle Channel / 10MHz / 256QAM



Date: 30.APR.2024 11:00:01



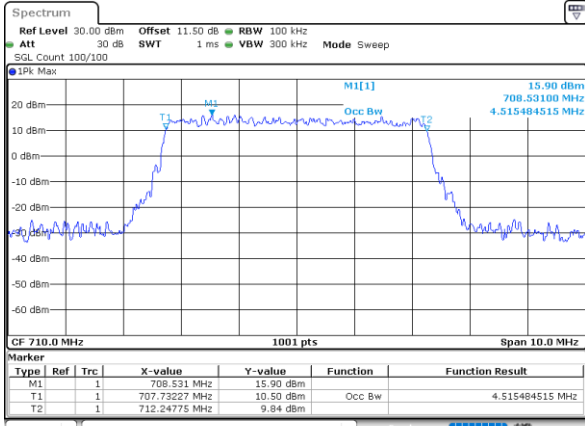
Occupied Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.51	4.50	9.03	9.07	-	-	-	-
Mode	LTE Band 17 : 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	4.49	9.05	9.05	-	-	-	-



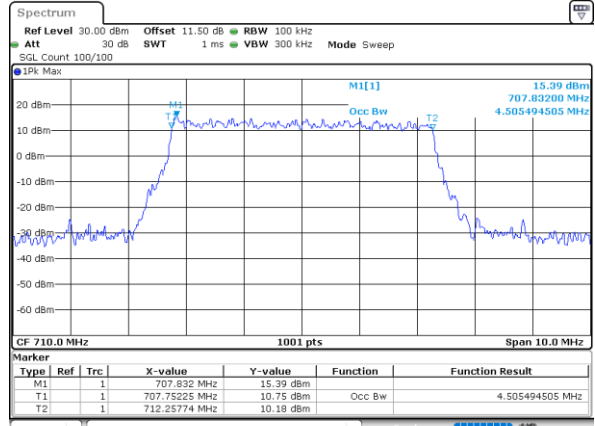
LTE Band 17

Middle Channel / 5MHz / QPSK



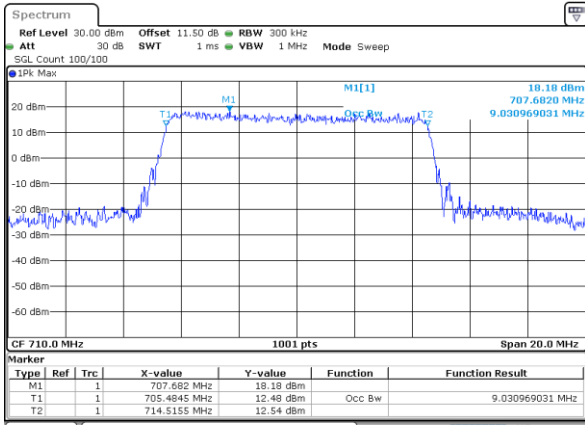
Date: 30.APR.2024 10:29:18

Middle Channel / 5MHz / 16QAM



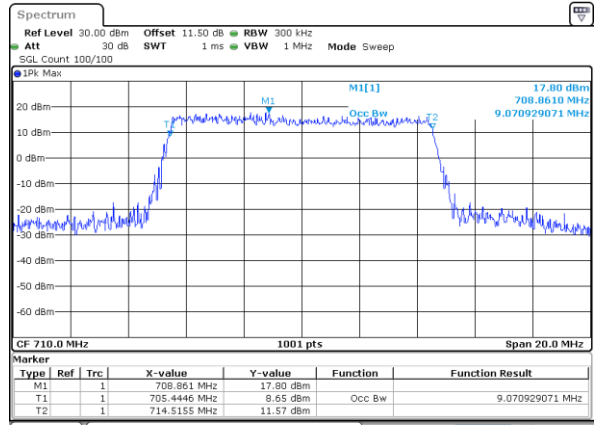
Date: 30.APR.2024 10:29:40

Middle Channel / 10MHz / QPSK



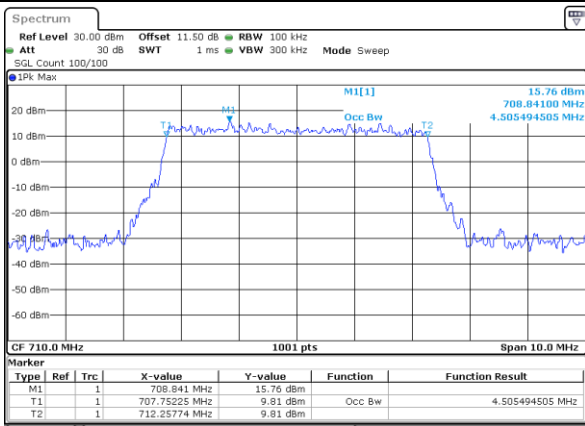
Date: 30.APR.2024 10:38:27

Middle Channel / 10MHz / 16QAM



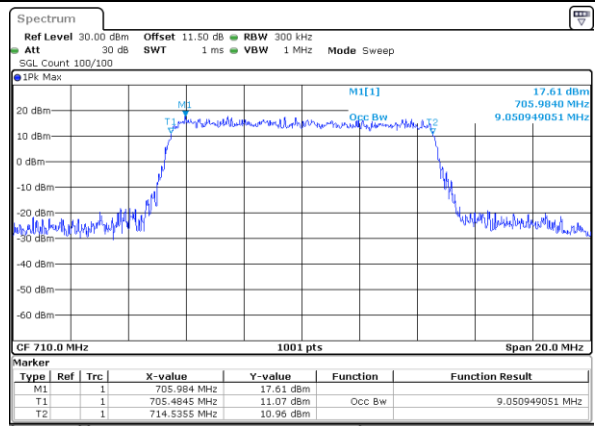
Date: 30.APR.2024 10:38:50

Middle Channel / 5MHz / 64QAM



Date: 30.APR.2024 10:43:30

Middle Channel / 10MHz / 64QAM

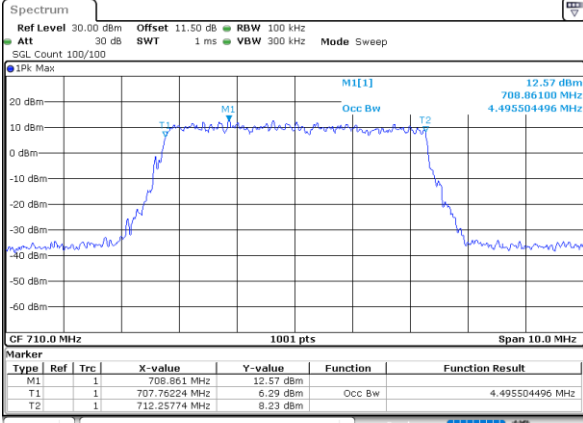


Date: 30.APR.2024 10:46:54



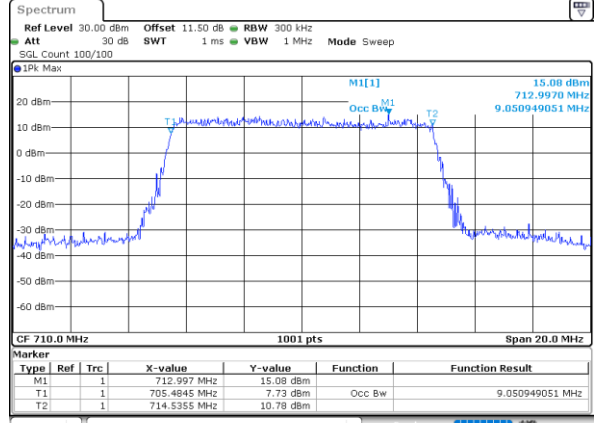
LTE Band 17

Middle Channel / 5MHz / 256QAM



Date: 30.APR.2024 10:51:50

Middle Channel / 10MHz / 256QAM



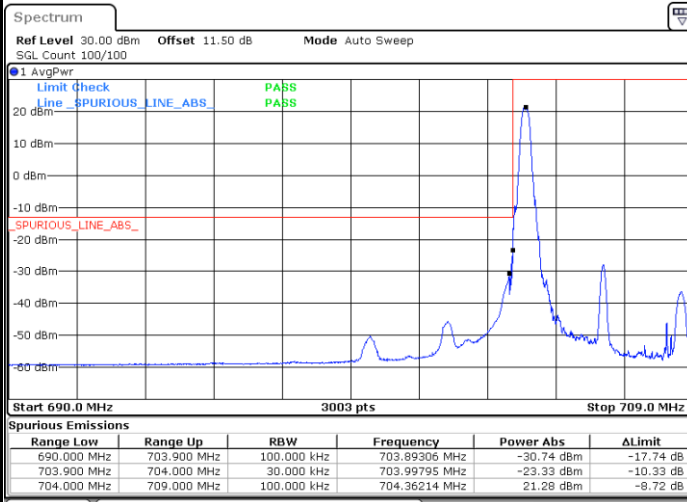
Date: 30.APR.2024 10:59:39



Conducted Band Edge

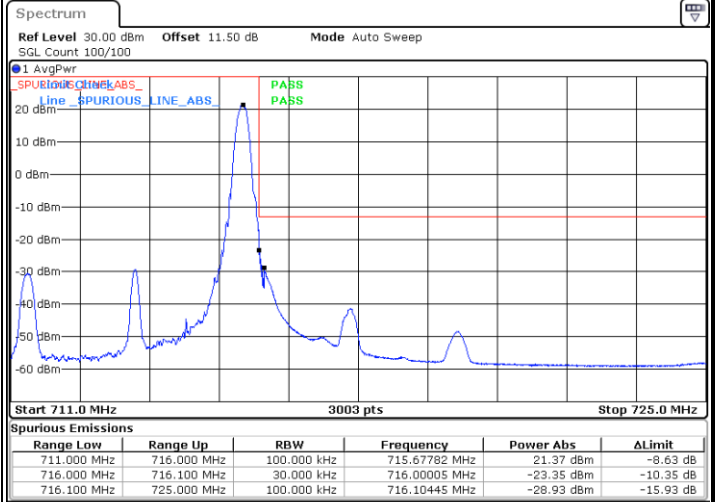
LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



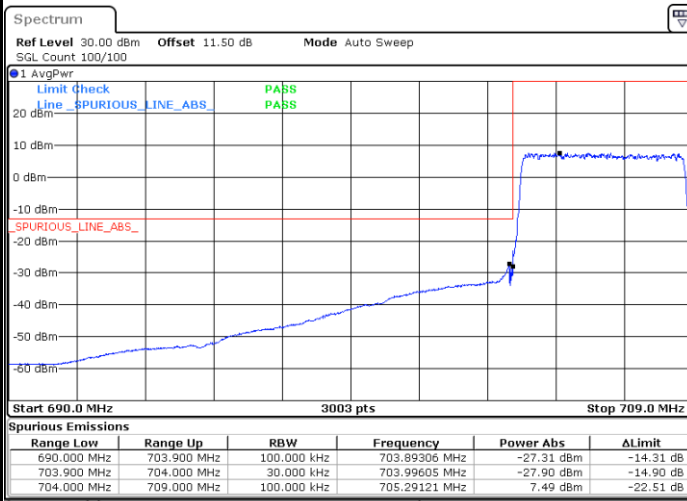
Date: 30.APR.2024 10:21:13

Highest Band Edge / 1 RB



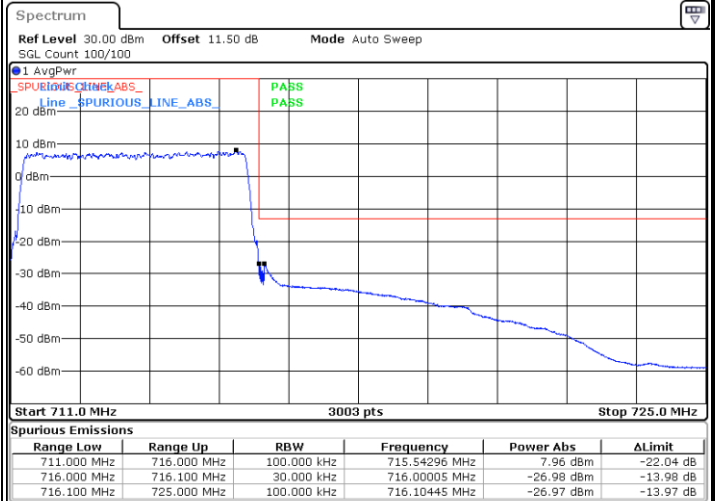
Date: 30.APR.2024 10:32:28

Lowest Band Edge / Full RB



Date: 30.APR.2024 10:26:49

Highest Band Edge / Full RB

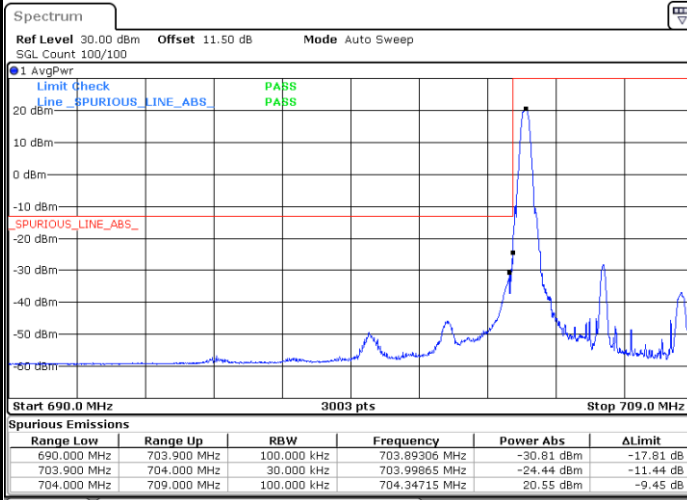


Date: 30.APR.2024 10:34:12



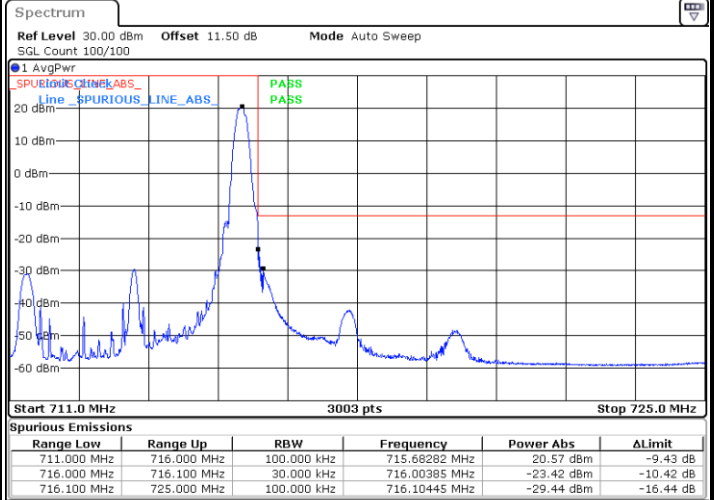
LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



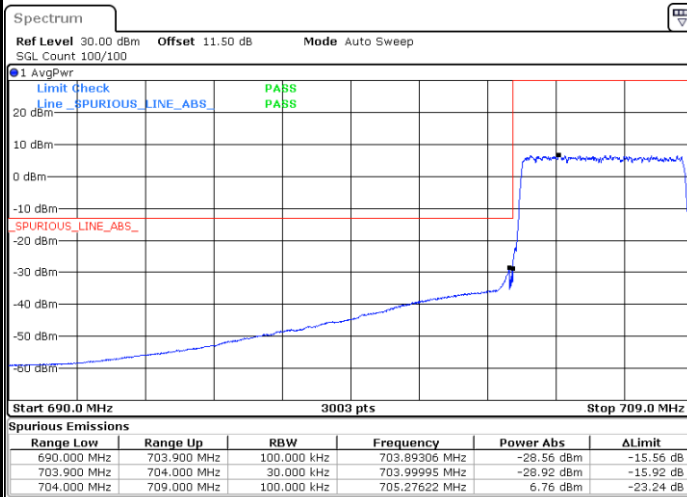
Date: 30.APR.2024 10:25:55

Highest Band Edge / 1 RB



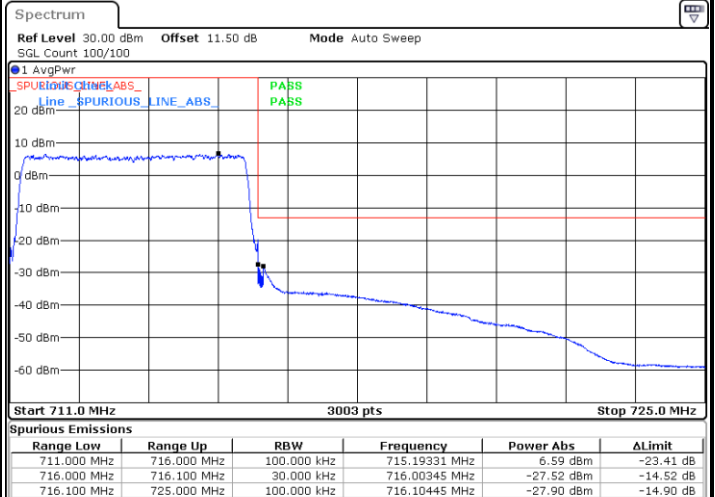
Date: 30.APR.2024 10:33:20

Lowest Band Edge / Full RB



Date: 30.APR.2024 10:27:43

Highest Band Edge / Full RB

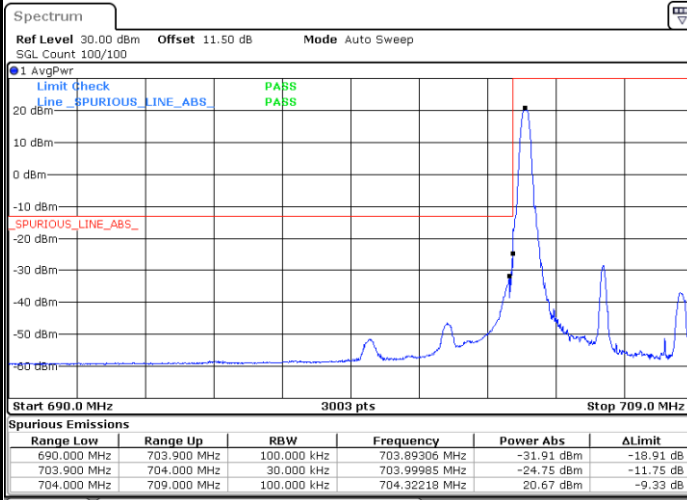


Date: 30.APR.2024 10:35:04



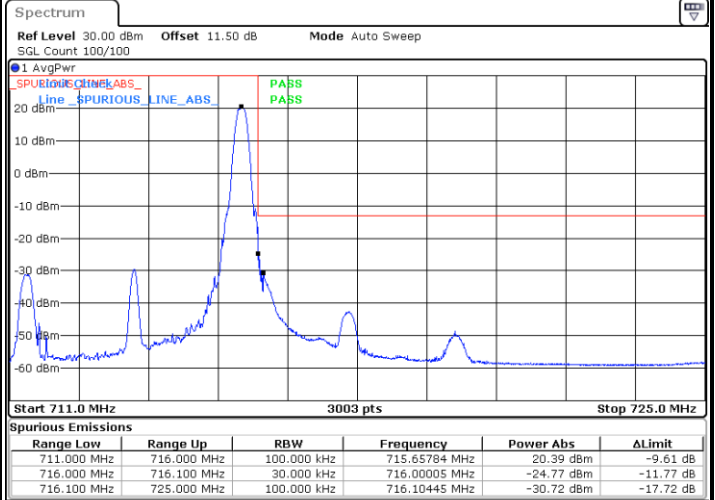
LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



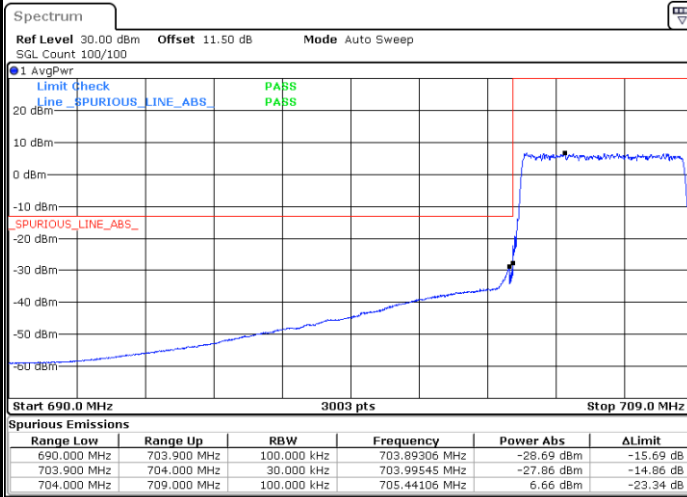
Date: 30.APR.2024 10:42:13

Highest Band Edge / 1 RB



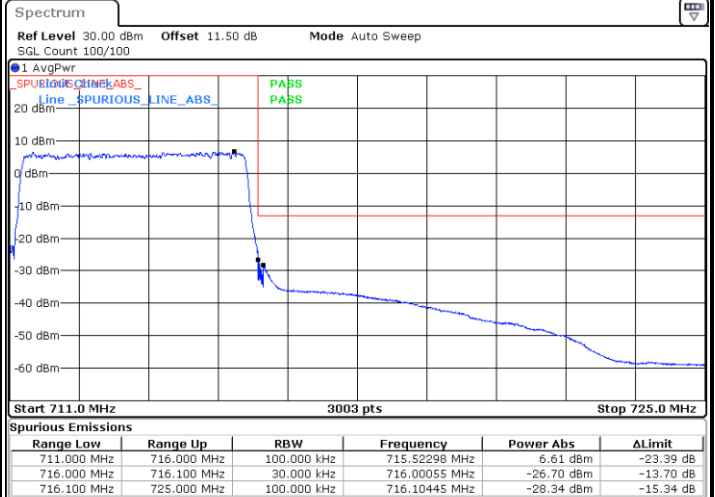
Date: 30.APR.2024 10:44:44

Lowest Band Edge / Full RB



Date: 30.APR.2024 10:43:07

Highest Band Edge / Full RB

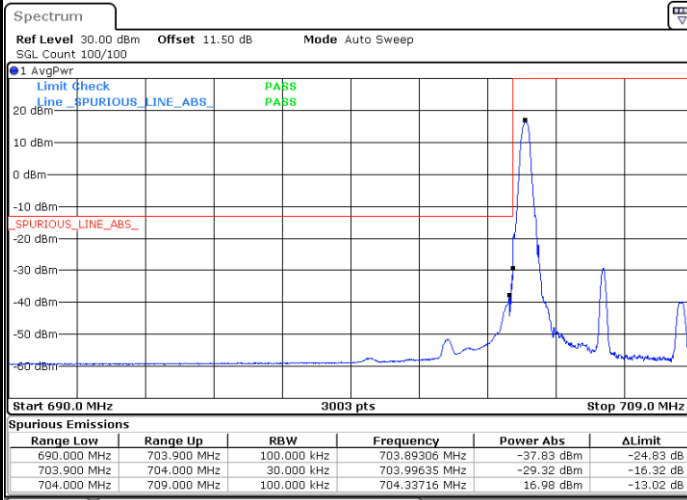


Date: 30.APR.2024 10:45:36



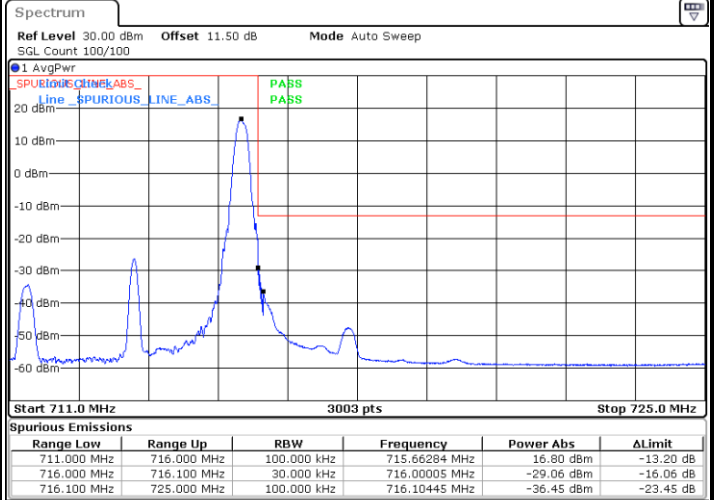
LTE Band 17 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



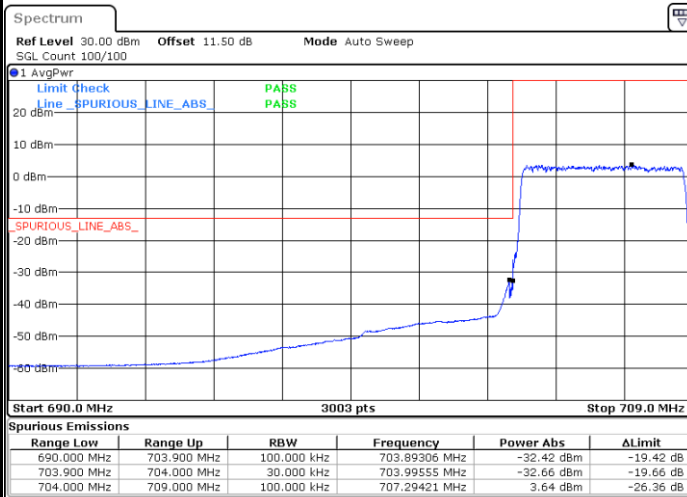
Date: 30.APR.2024 10:50:13

Highest Band Edge / 1 RB



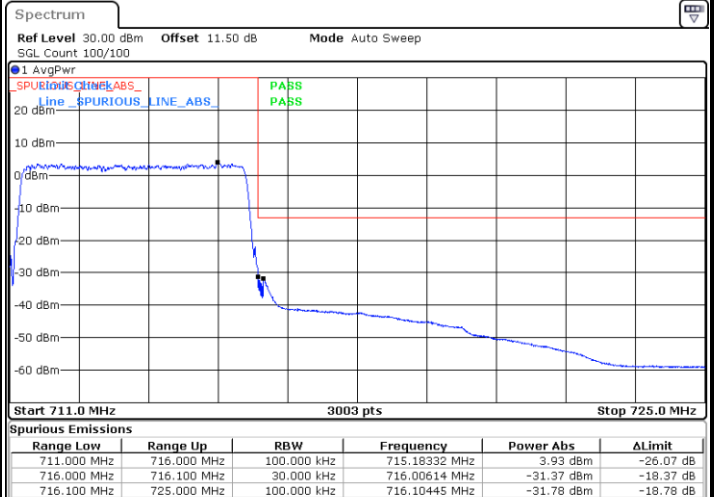
Date: 30.APR.2024 10:55:32

Lowest Band Edge / Full RB



Date: 30.APR.2024 10:51:09

Highest Band Edge / Full RB



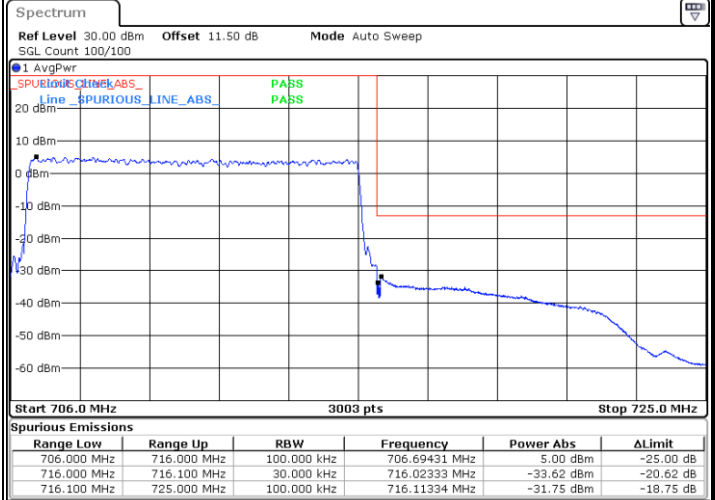
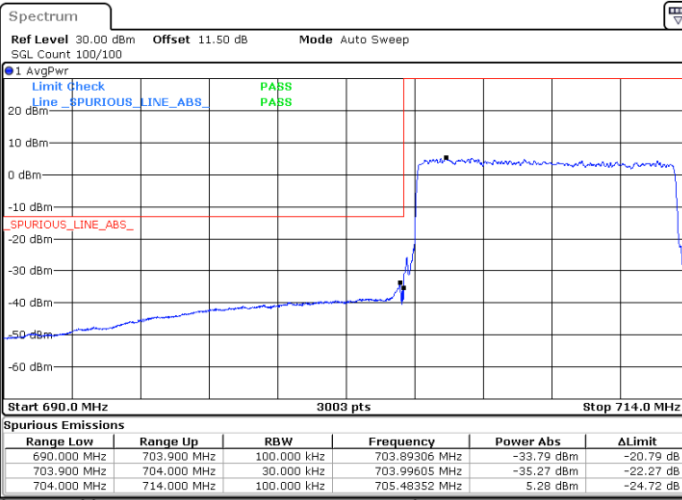
Date: 30.APR.2024 10:56:27



LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



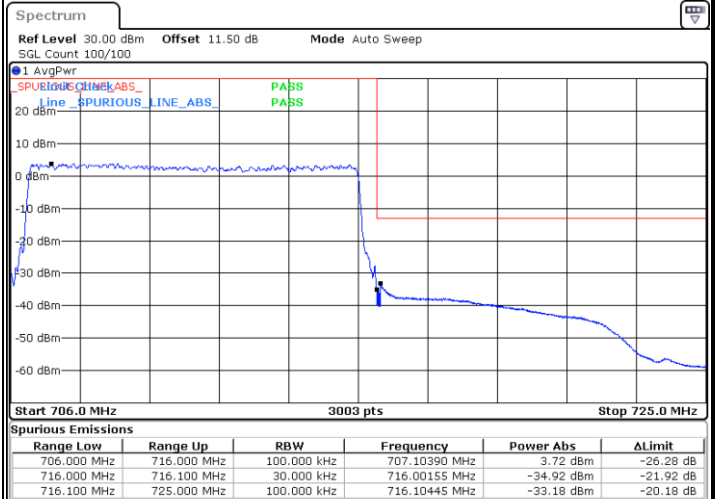
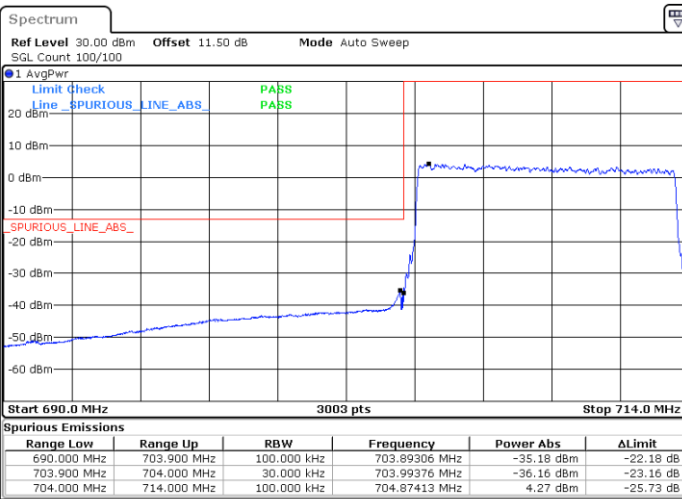
Date: 30.APR.2024 10:37:10

Date: 30.APR.2024 10:40:27

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.APR.2024 10:38:03

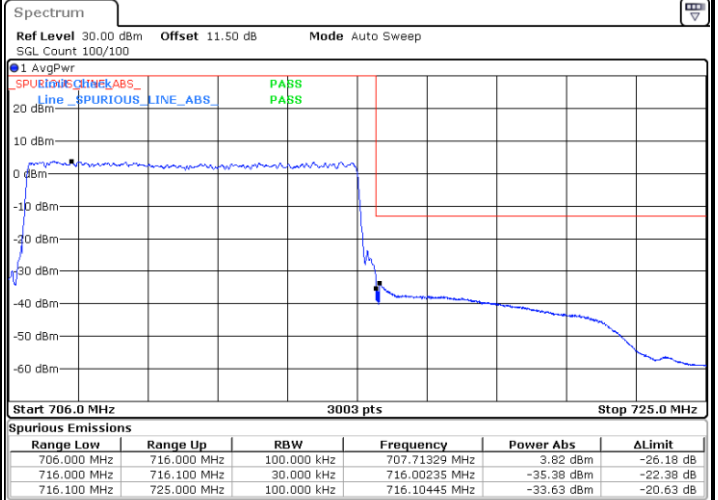
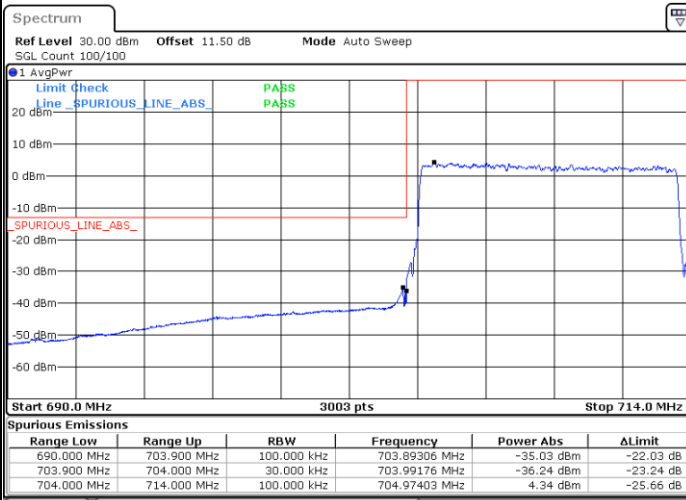
Date: 30.APR.2024 10:41:19



LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



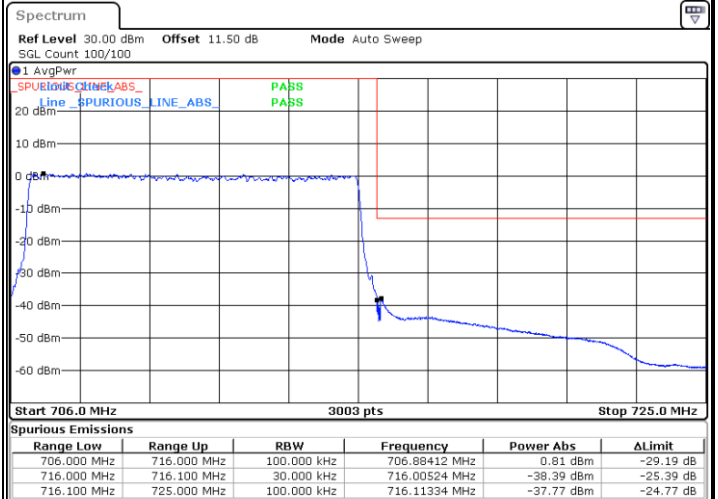
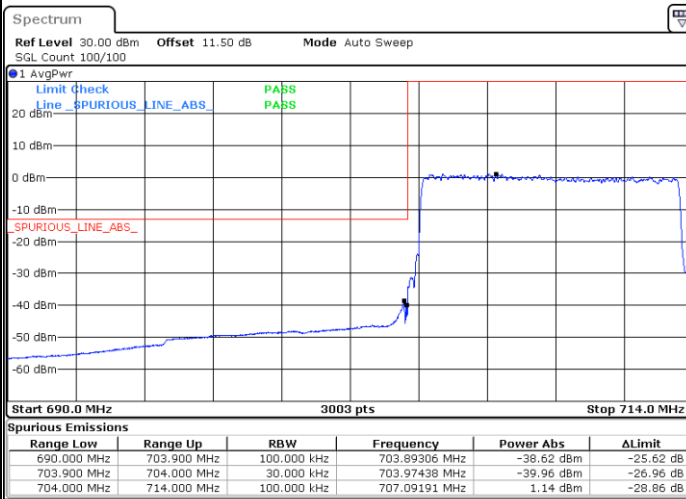
Date: 30.APR.2024 10:46:30

Date: 30.APR.2024 10:48:07

LTE Band 17 / 10MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

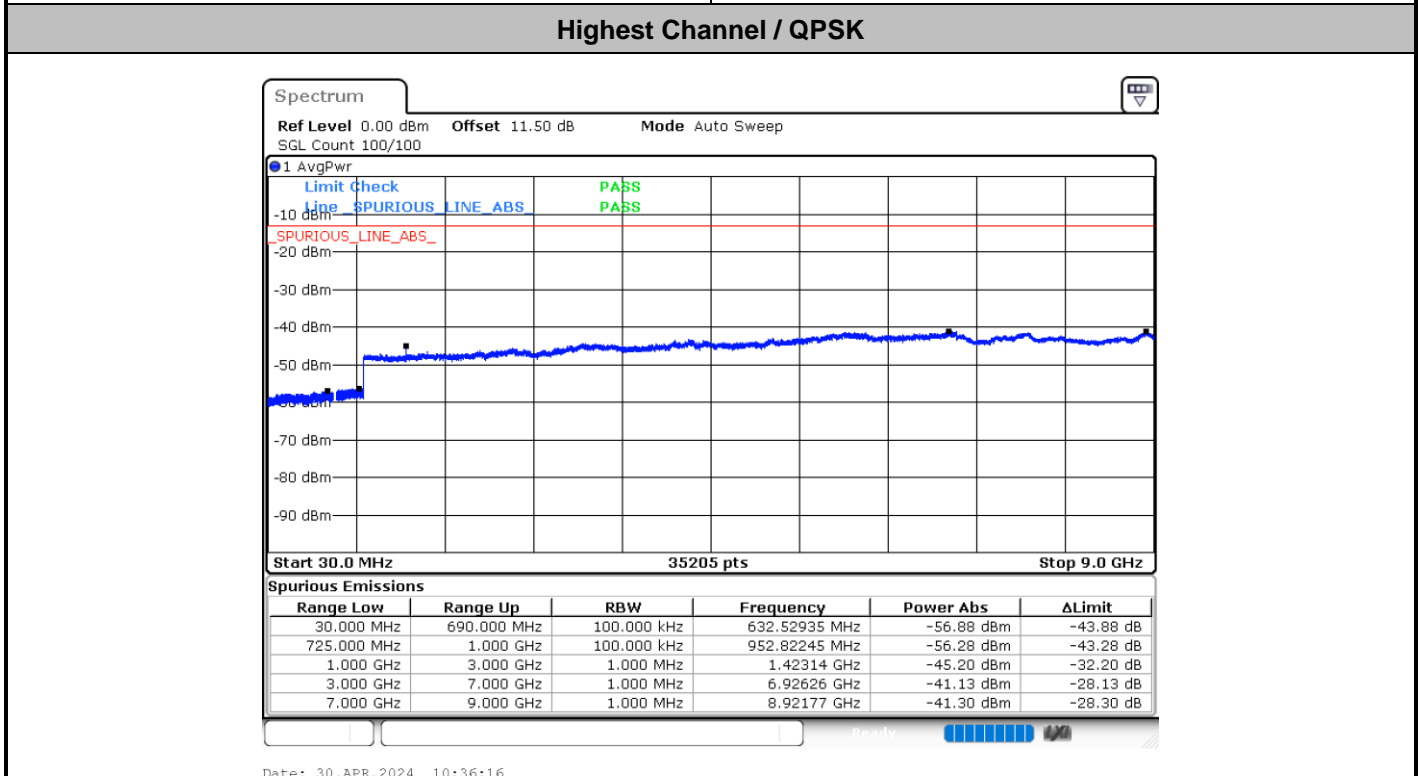
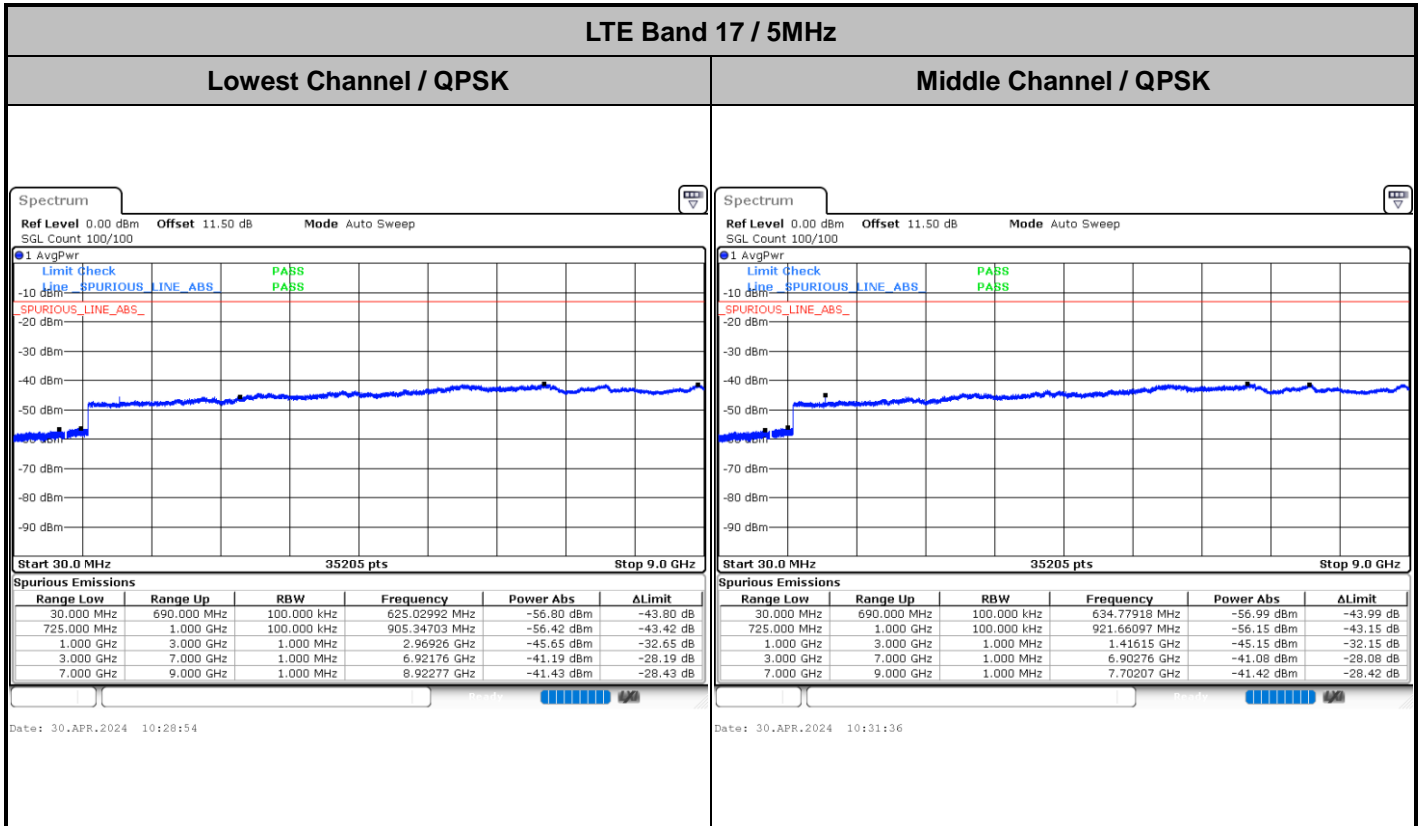


Date: 30.APR.2024 10:58:58

Date: 30.APR.2024 11:14:21



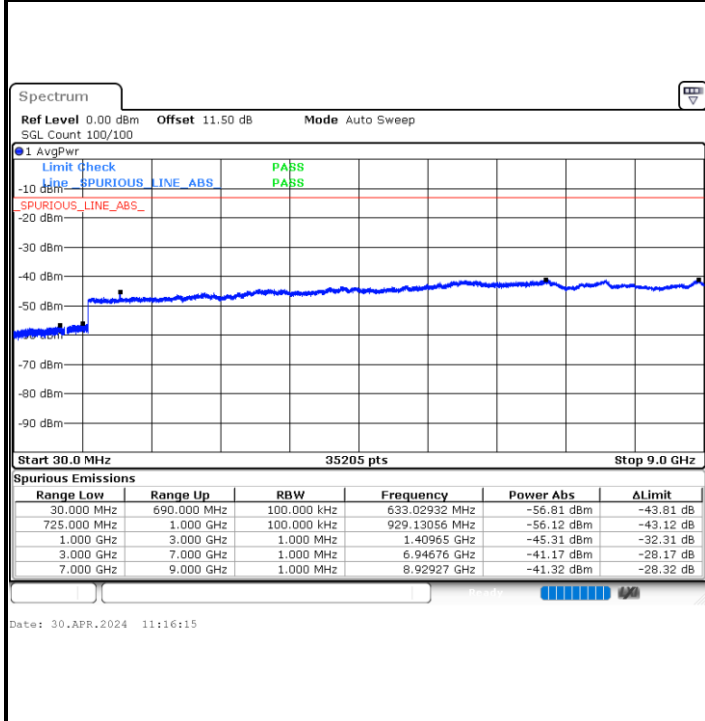
Conducted Spurious Emission



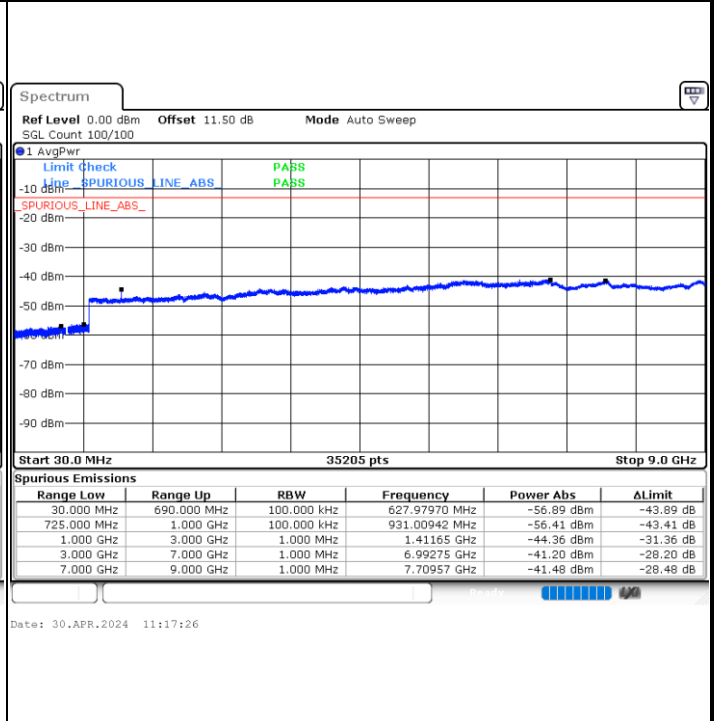


LTE Band 17 / 10MHz

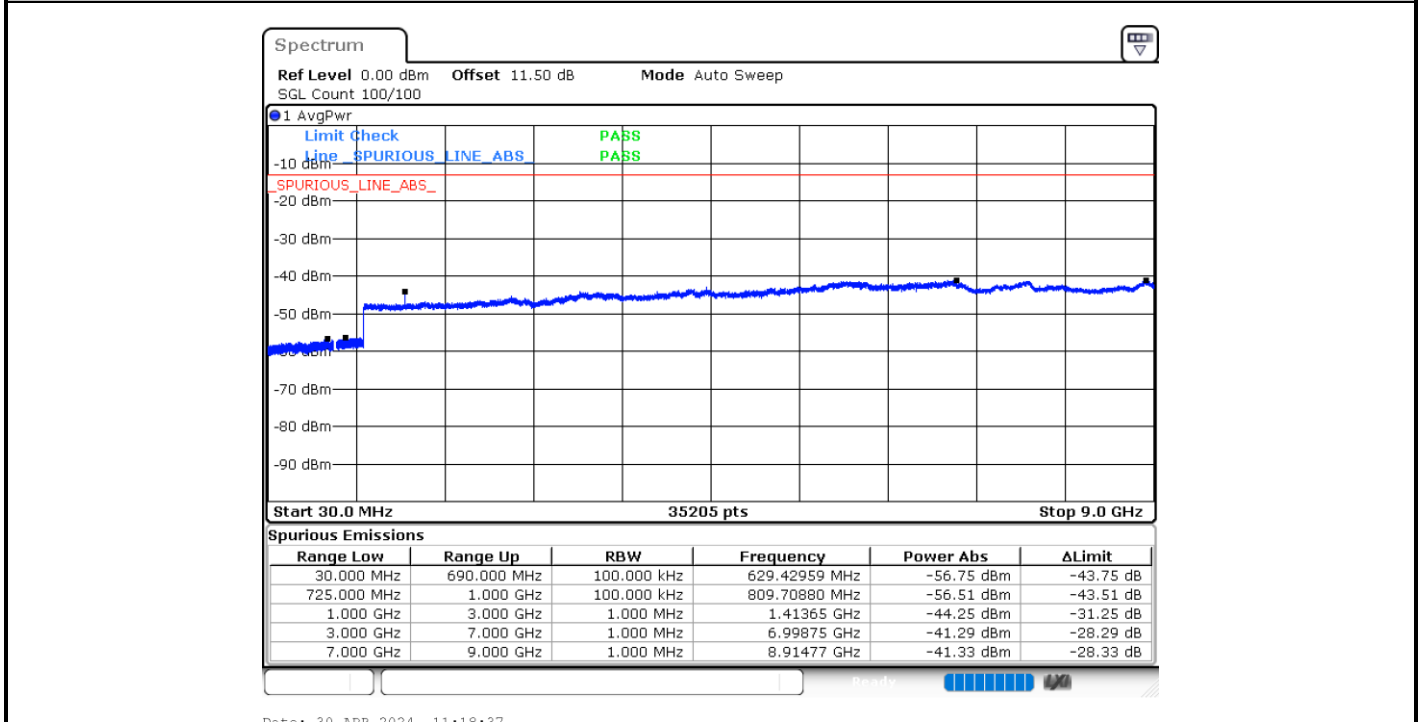
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0039	PASS
40	Normal Voltage	0.0093	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0139	
0	Normal Voltage	0.0065	
-10	Normal Voltage	0.0062	
-20	Normal Voltage	0.0035	
20	Maximum Voltage	0.0135	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0121	

Note:

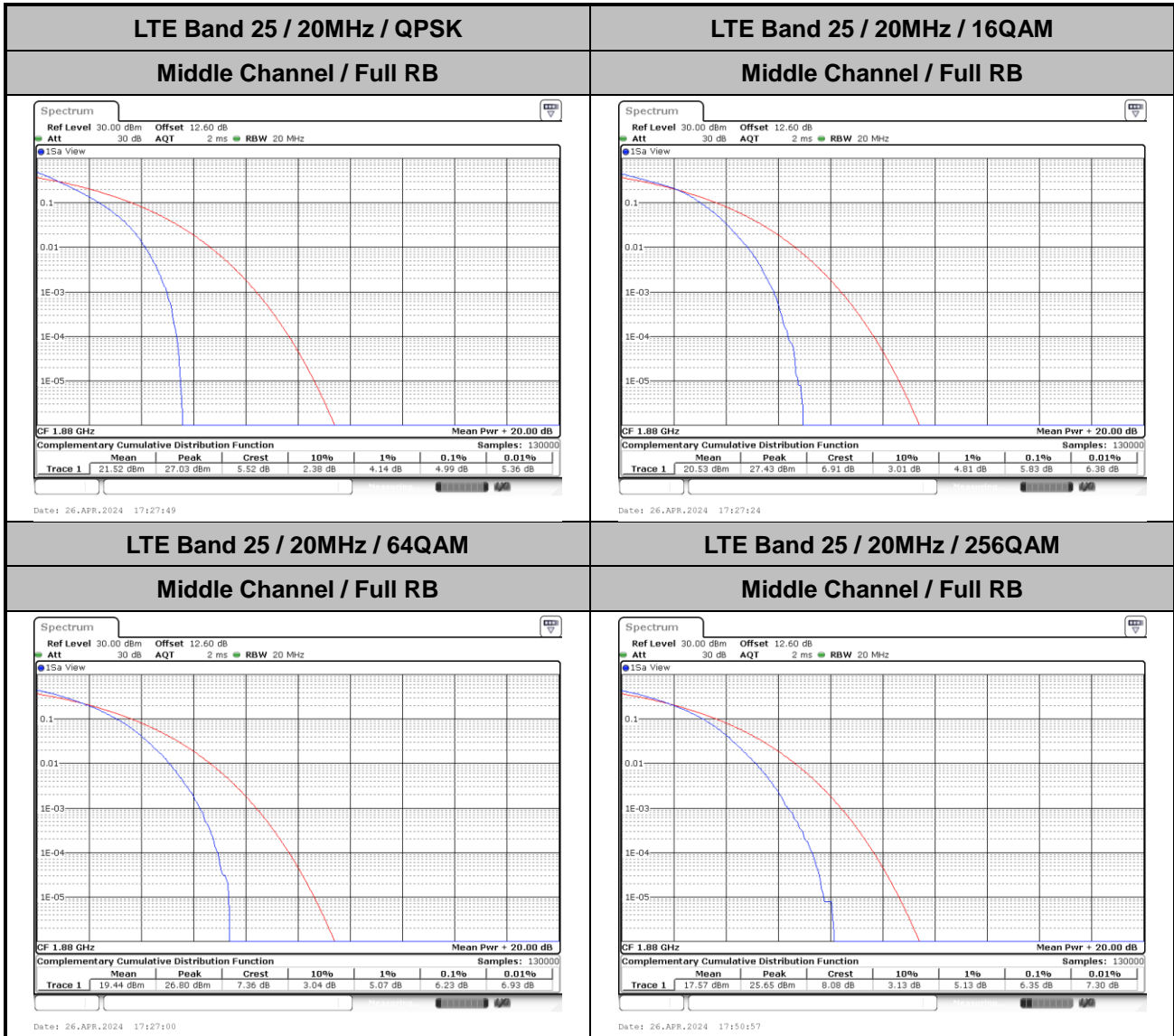
1. Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.83	6.23	6.35	PASS





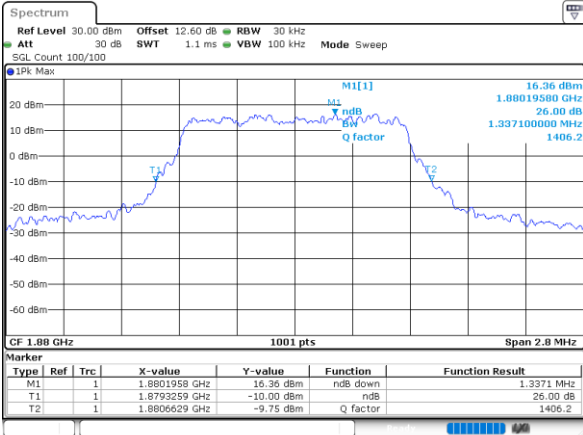
26dB Bandwidth

Mode	LTE Band 25 : 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	1.33	1.33	3.06	3.03	5.01	4.93	9.89	9.81	14.47	14.44	18.82	18.98
Mode	LTE Band 25 : 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	1.32	1.30	3.04	3.08	5.02	4.98	9.92	9.94	14.65	14.68	19.10	18.86



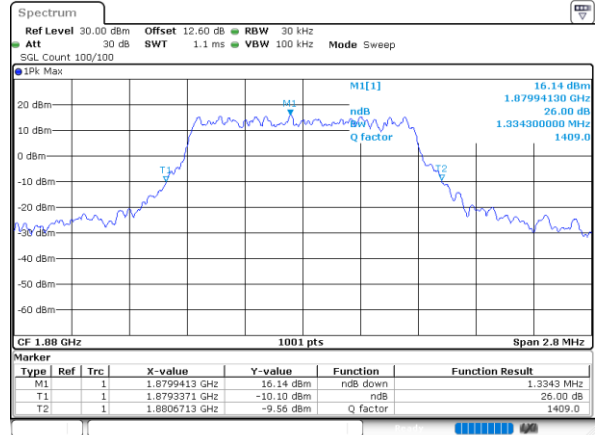
LTE Band 25

Middle Channel / 1.4MHz / QPSK



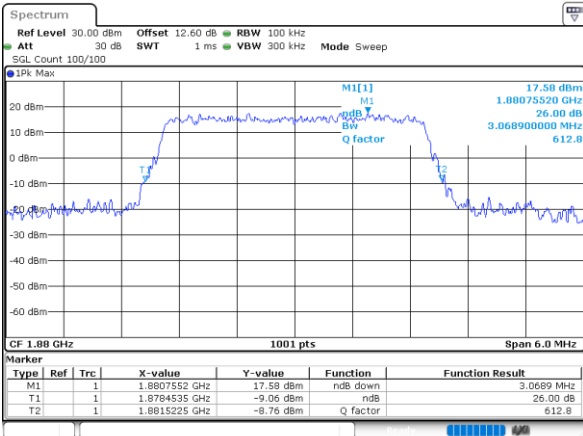
Date: 26.APR.2024 16:31:05

Middle Channel / 1.4MHz / 16QAM



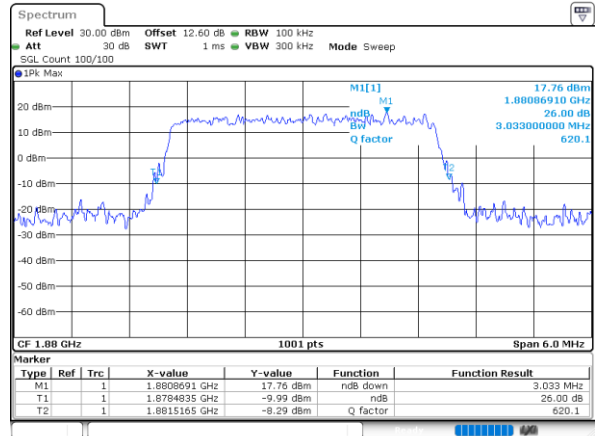
Date: 26.APR.2024 16:31:27

Middle Channel / 3MHz / QPSK



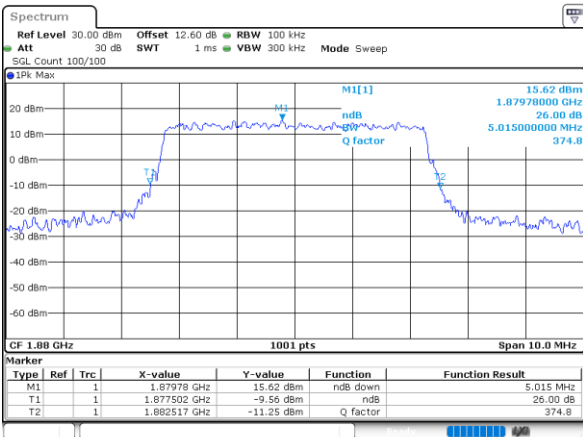
Date: 26.APR.2024 16:46:56

Middle Channel / 3MHz / 16QAM



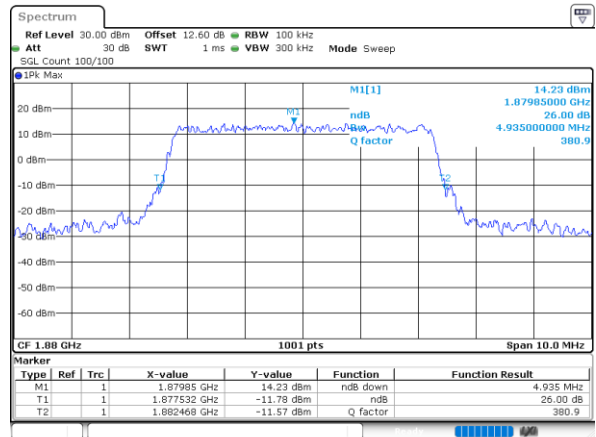
Date: 26.APR.2024 16:47:19

Middle Channel / 5MHz / QPSK



Date: 26.APR.2024 16:51:57

Middle Channel / 5MHz / 16QAM

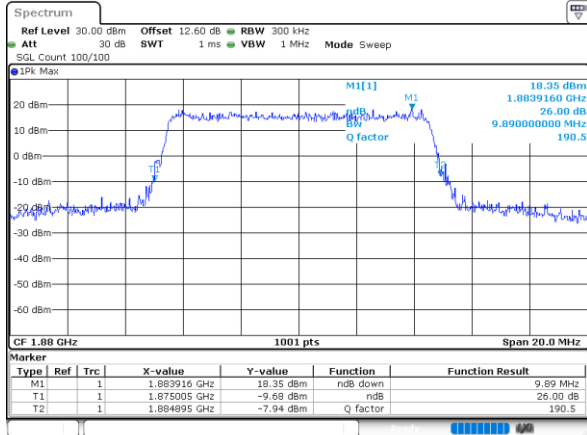


Date: 26.APR.2024 16:52:20



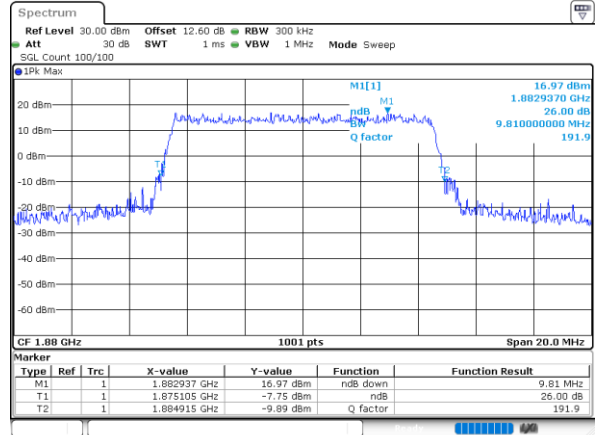
LTE Band 25

Middle Channel / 10MHz / QPSK



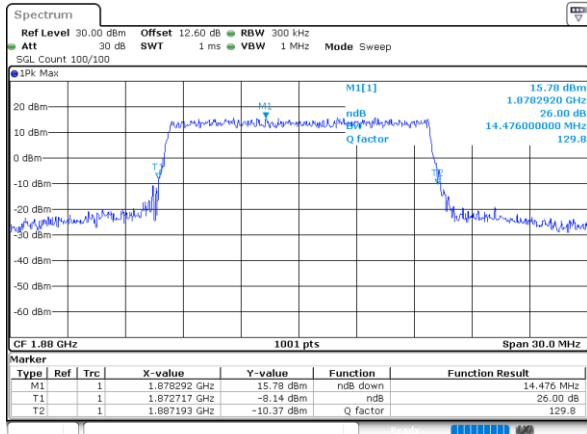
Date: 26.APR.2024 16:59:27

Middle Channel / 10MHz / 16QAM



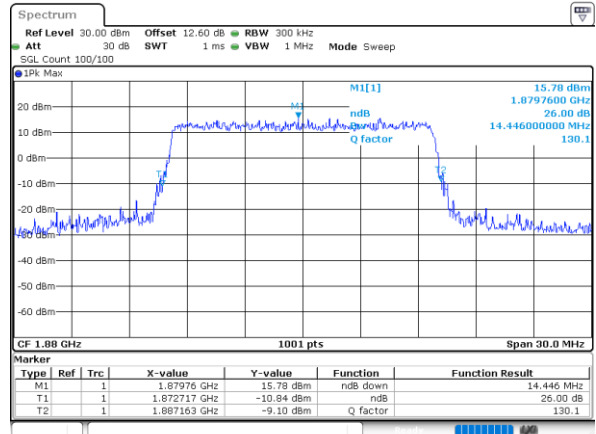
Date: 26.APR.2024 16:59:50

Middle Channel / 15MHz / QPSK



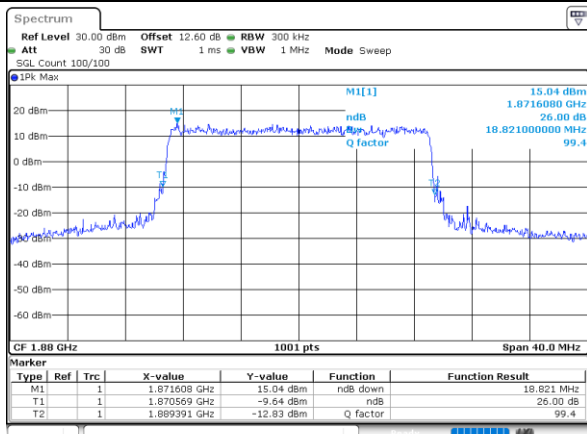
Date: 26.APR.2024 17:09:27

Middle Channel / 15MHz / 16QAM



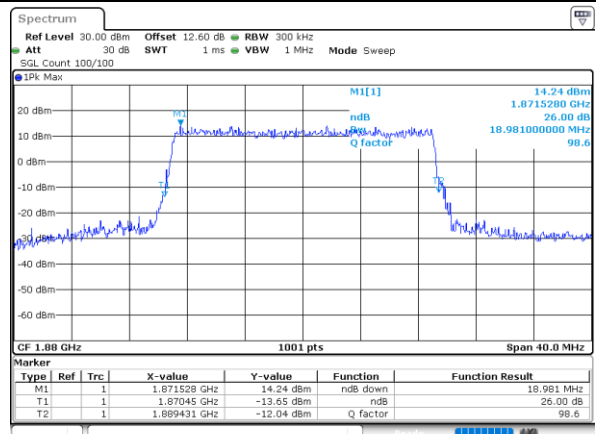
Date: 26.APR.2024 17:09:50

Middle Channel / 20MHz / QPSK



Date: 26.APR.2024 17:22:00

Middle Channel / 20MHz / 16QAM

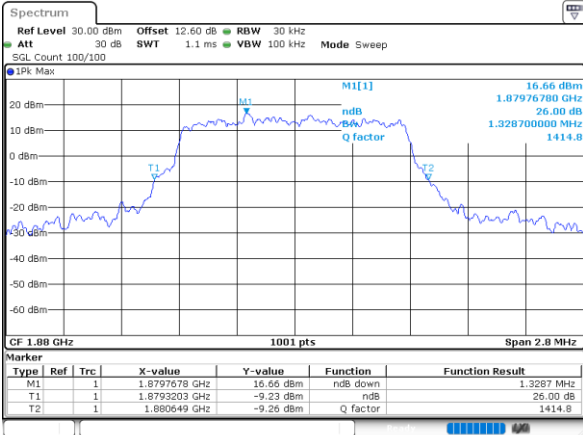


Date: 26.APR.2024 17:22:23



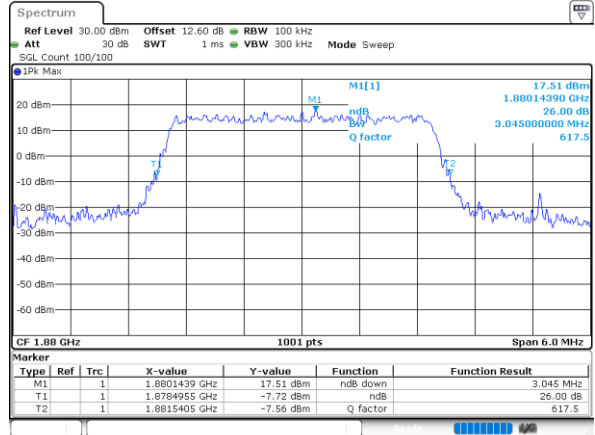
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



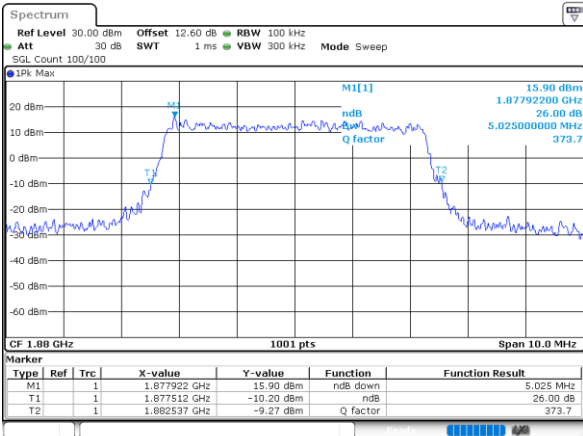
Date: 26.APR.2024 16:39:49

Middle Channel / 3MHz / 64QAM



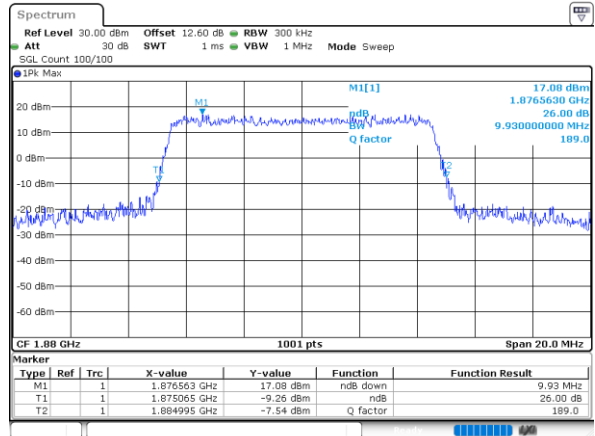
Date: 26.APR.2024 16:43:12

Middle Channel / 5MHz / 64QAM



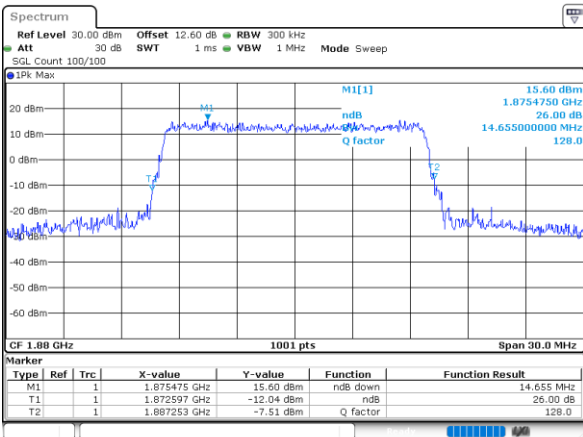
Date: 26.APR.2024 16:55:42

Middle Channel / 10MHz / 64QAM



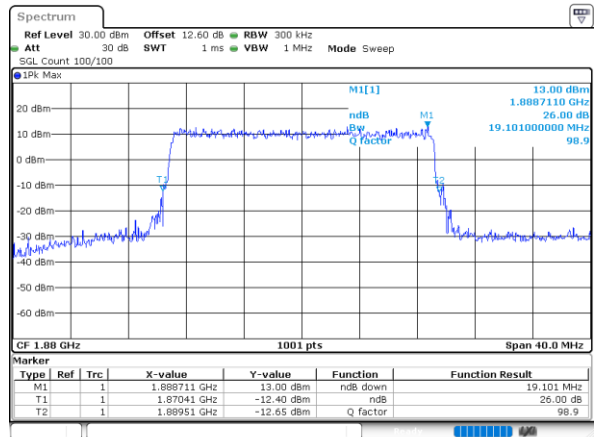
Date: 26.APR.2024 17:03:12

Middle Channel / 15MHz / 64QAM



Date: 26.APR.2024 17:05:42

Middle Channel / 20MHz / 64QAM

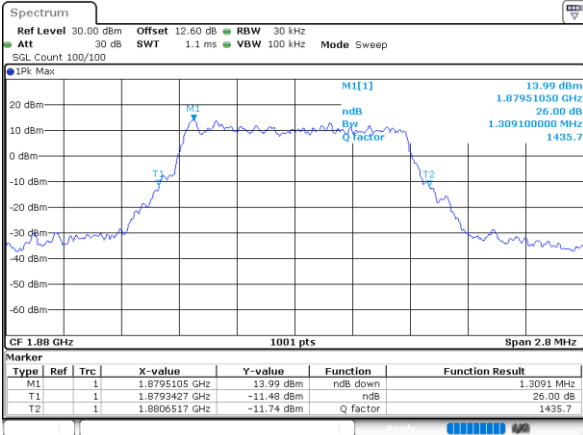


Date: 26.APR.2024 17:25:44



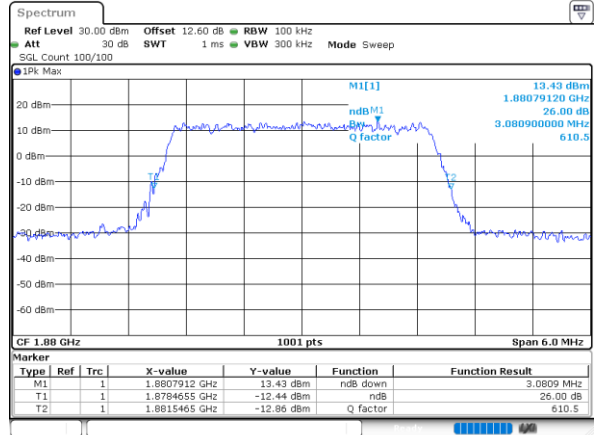
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



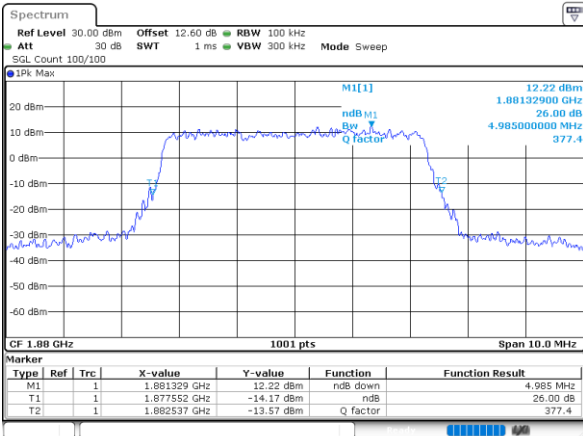
Date: 26.APR.2024 17:31:54

Middle Channel / 3MHz / 256QAM



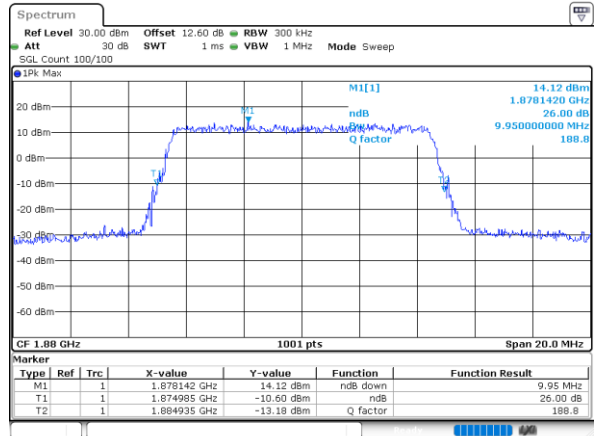
Date: 26.APR.2024 17:36:02

Middle Channel / 5MHz / 256QAM



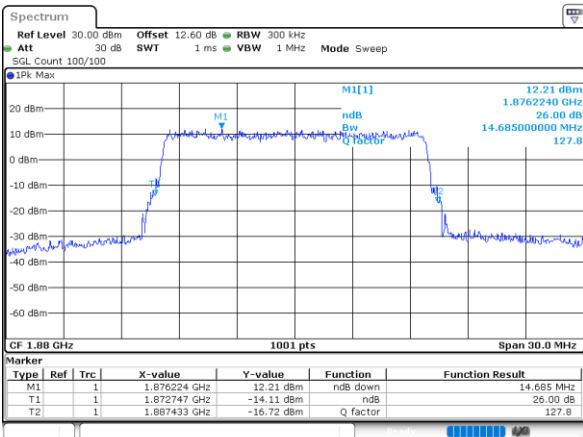
Date: 26.APR.2024 17:39:15

Middle Channel / 10MHz / 256QAM



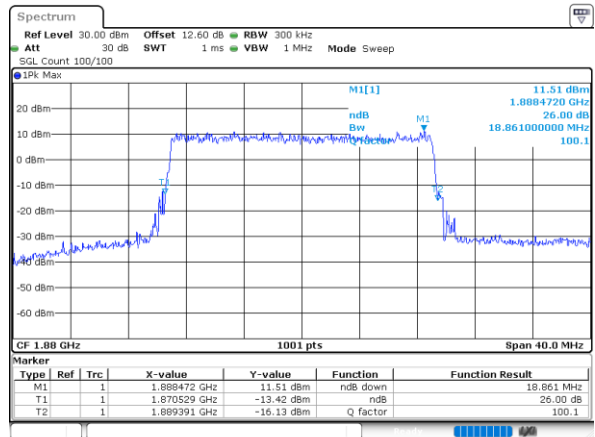
Date: 26.APR.2024 17:42:45

Middle Channel / 15MHz / 256QAM



Date: 26.APR.2024 17:45:49

Middle Channel / 20MHz / 256QAM



Date: 26.APR.2024 17:49:35



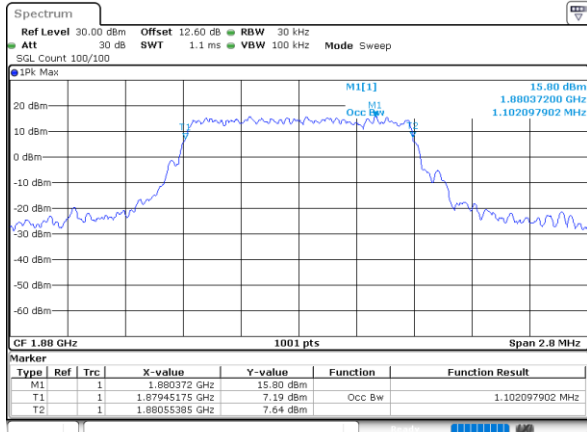
Occupied Bandwidth

Mode	LTE Band 25 : 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	1.10	1.09	2.73	2.72	4.48	4.50	9.05	9.03	13.51	13.51	17.94	17.94
Mode	LTE Band 25 : 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	1.09	1.10	2.73	2.73	4.49	4.50	9.07	9.07	13.45	13.48	17.90	17.90

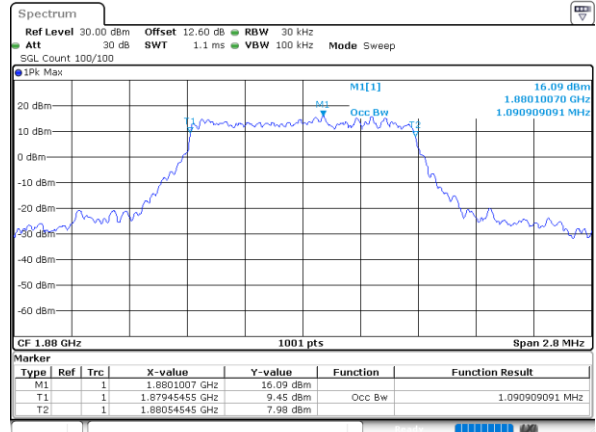


LTE Band 25

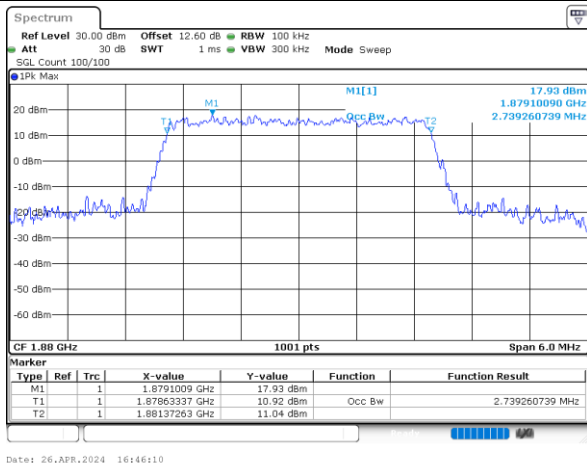
Middle Channel / 1.4MHz / QPSK



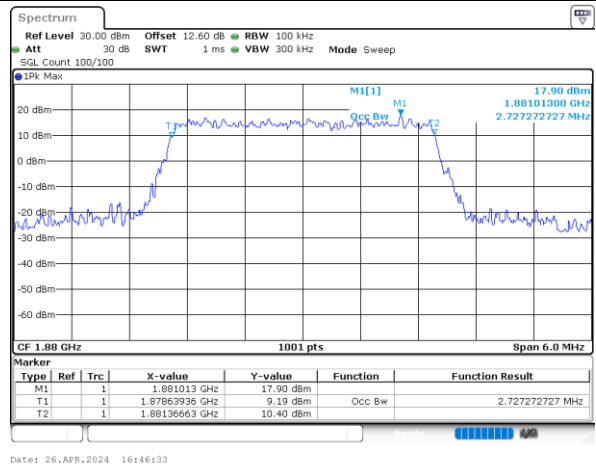
Middle Channel / 1.4MHz / 16QAM



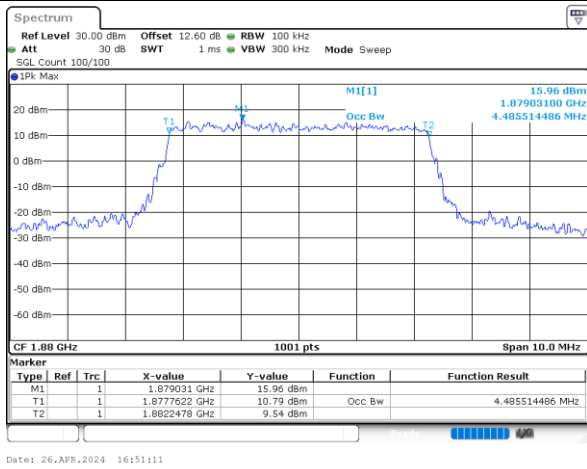
Middle Channel / 3MHz / QPSK



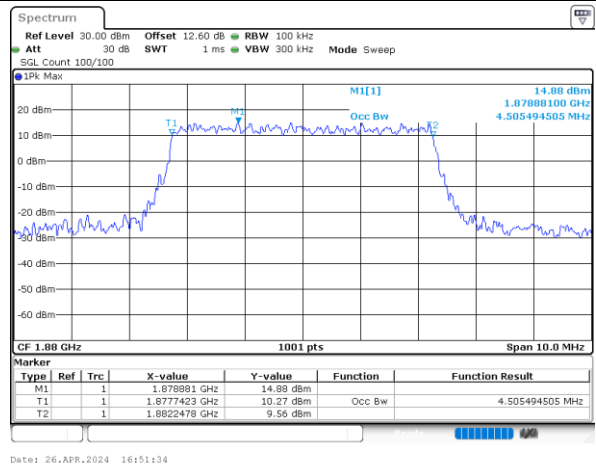
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



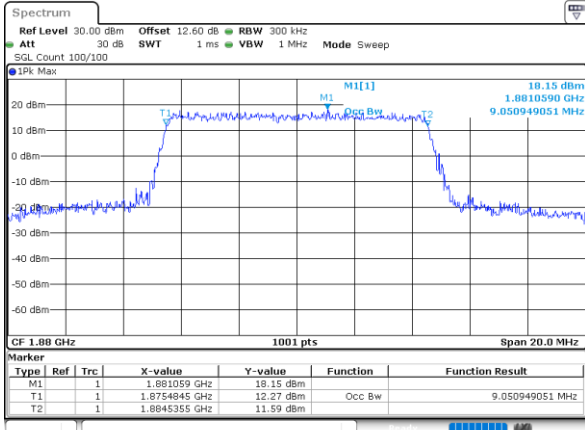
Middle Channel / 5MHz / 16QAM



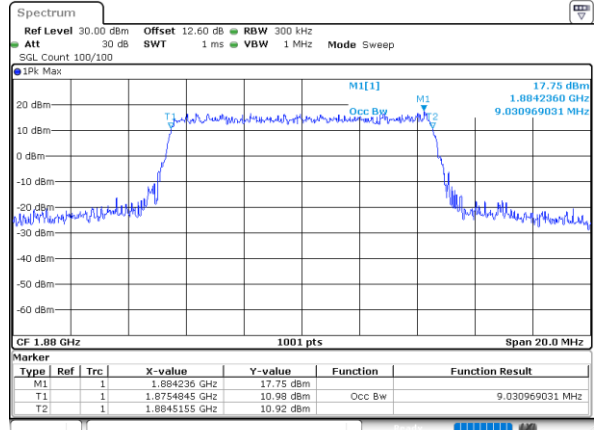


LTE Band 25

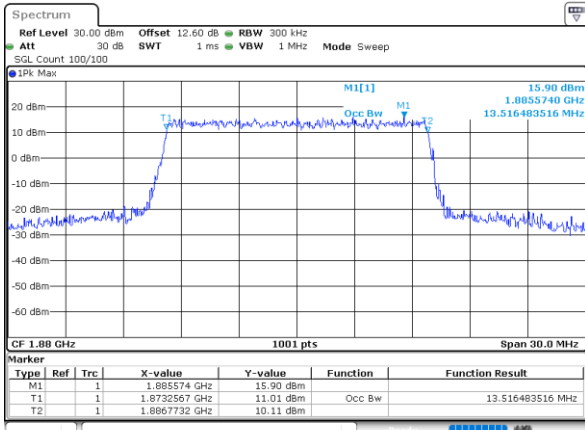
Middle Channel / 10MHz / QPSK



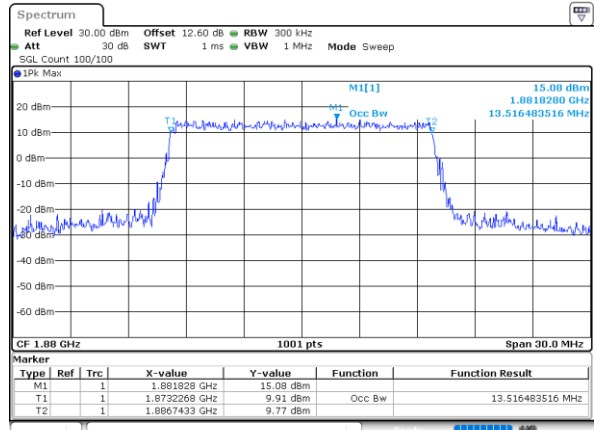
Middle Channel / 10MHz / 16QAM



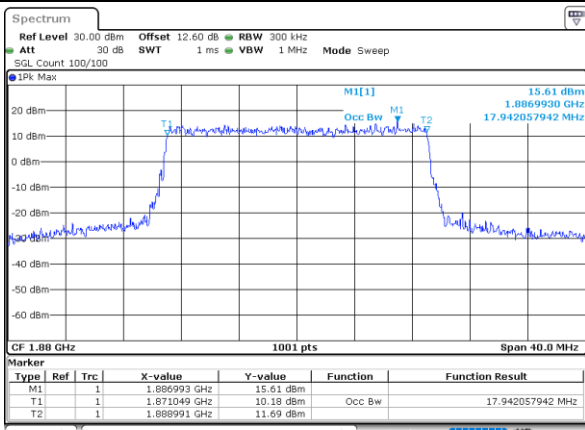
Middle Channel / 15MHz / QPSK



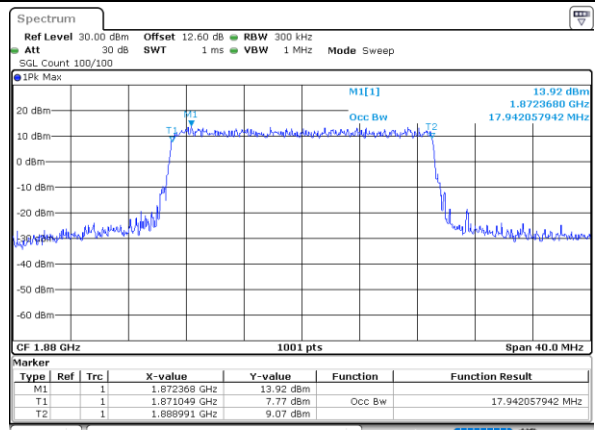
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



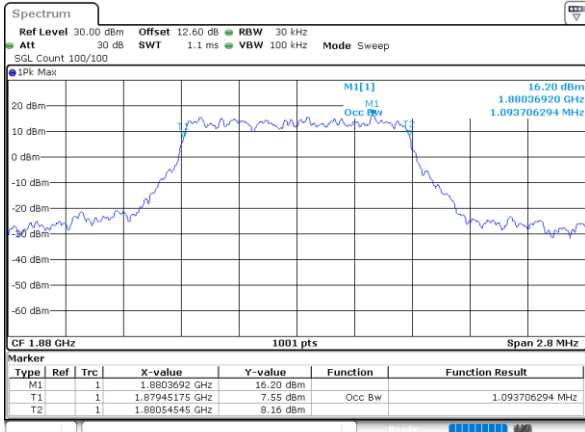
Middle Channel / 20MHz / 16QAM





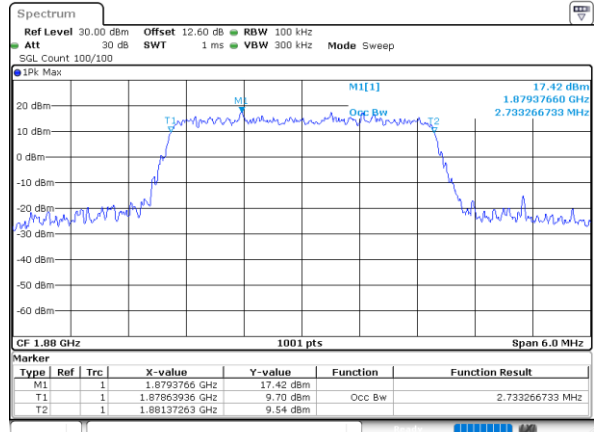
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



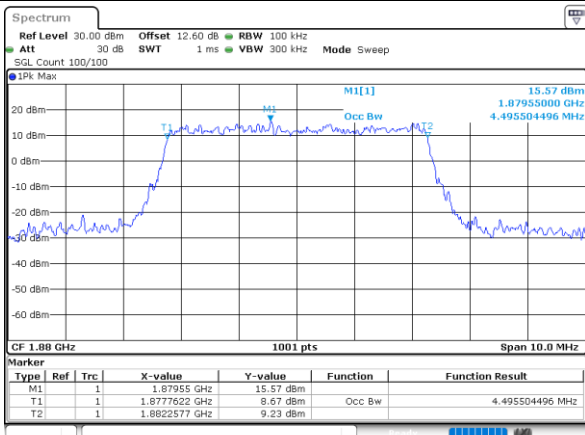
Date: 26.APR.2024 16:39:26

Middle Channel / 3MHz / 64QAM



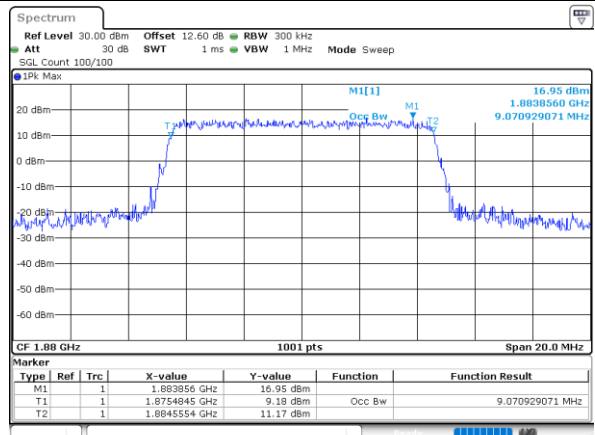
Date: 26.APR.2024 16:42:49

Middle Channel / 5MHz / 64QAM



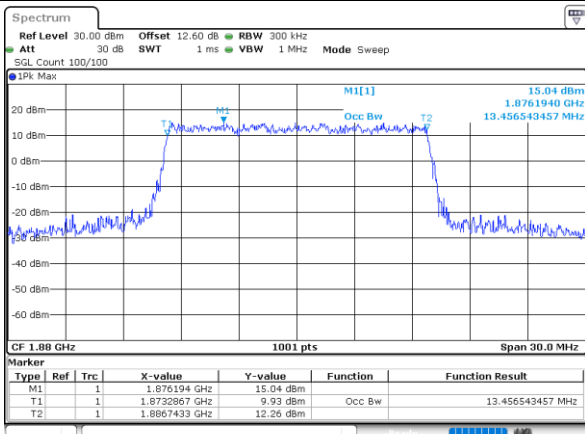
Date: 26.APR.2024 16:55:19

Middle Channel / 10MHz / 64QAM



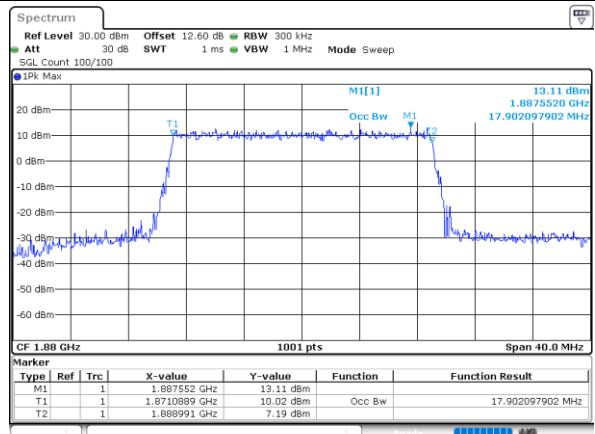
Date: 26.APR.2024 17:02:49

Middle Channel / 15MHz / 64QAM



Date: 26.APR.2024 17:05:19

Middle Channel / 20MHz / 64QAM

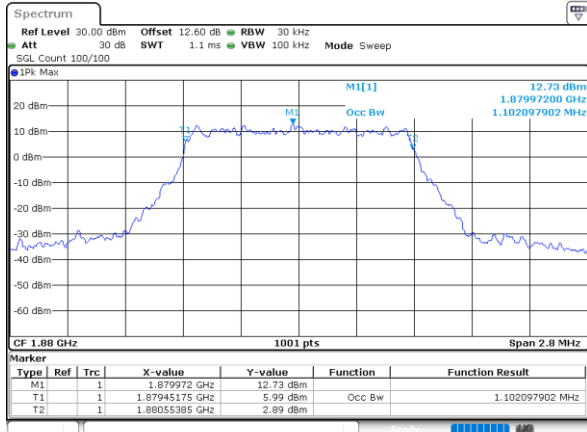


Date: 26.APR.2024 17:02:21

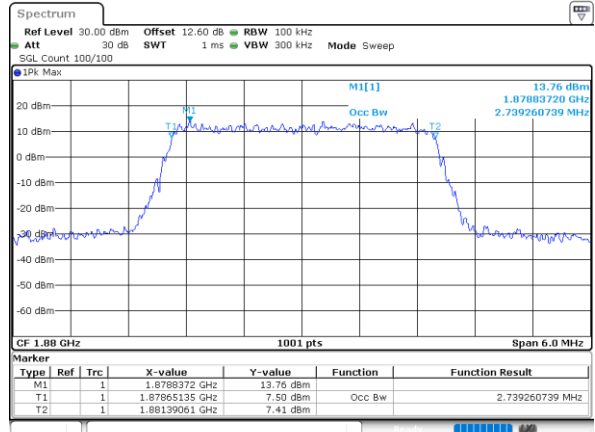


LTE Band 25

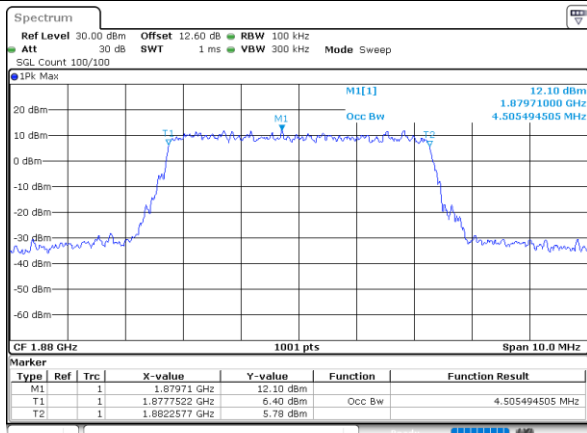
Middle Channel / 1.4MHz / 256QAM



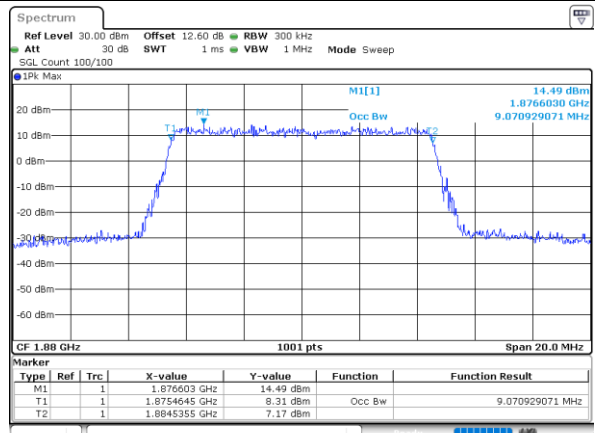
Middle Channel / 3MHz / 256QAM



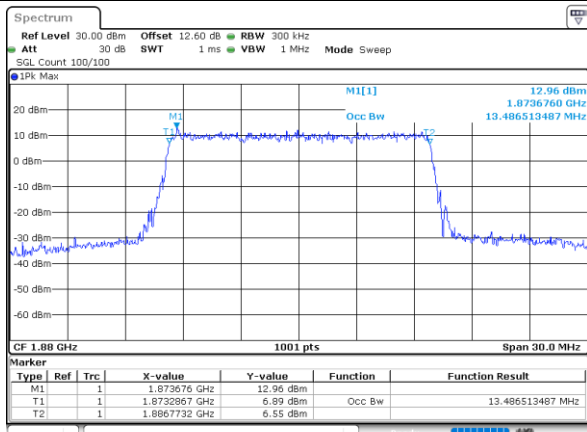
Middle Channel / 5MHz / 256QAM



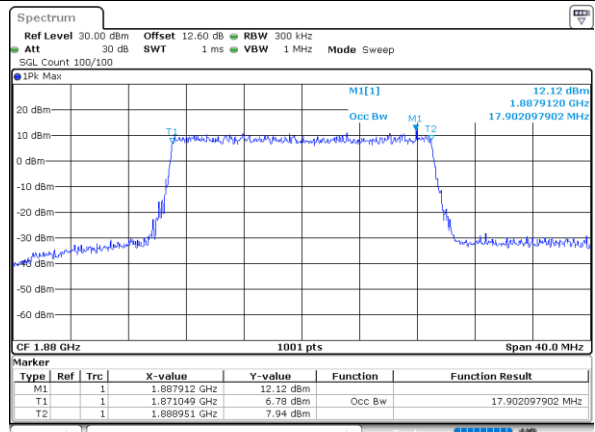
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

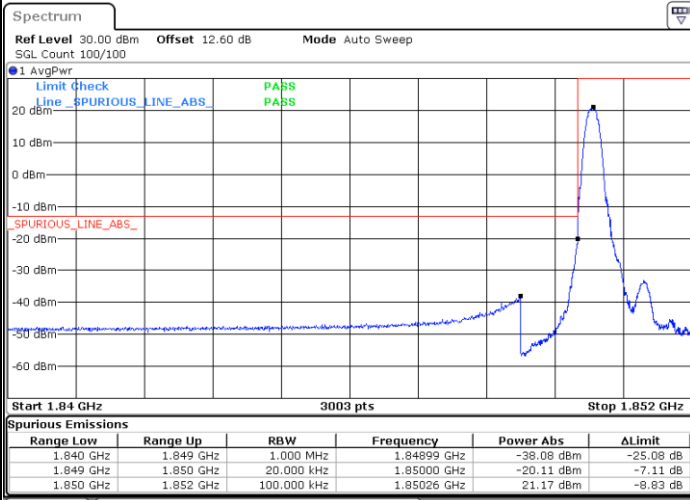




Conducted Band Edge

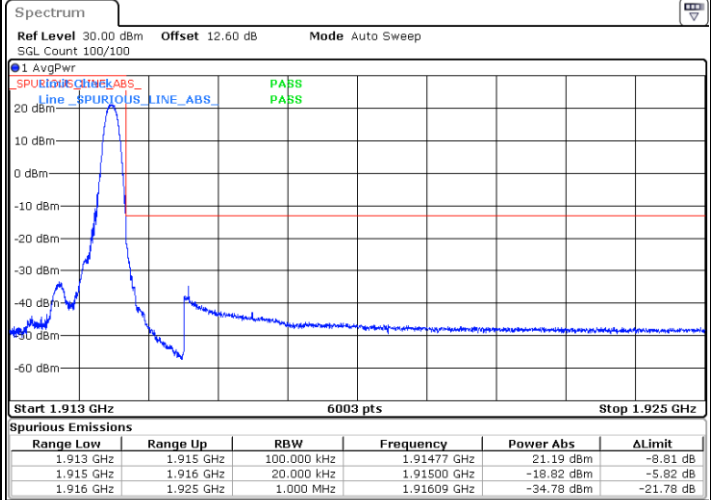
LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



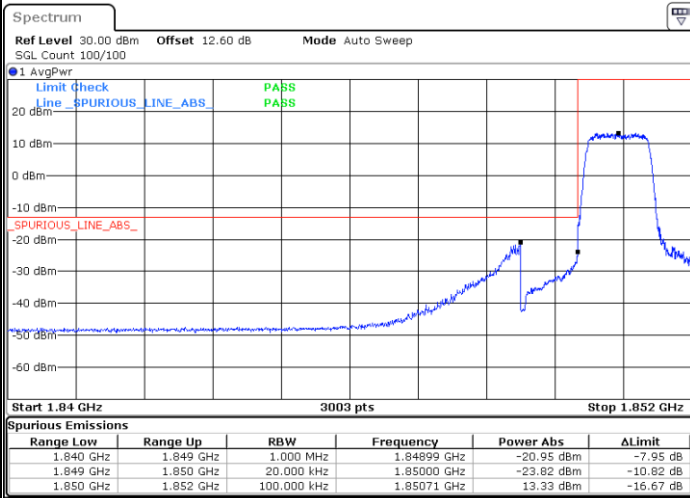
Date: 26.APR.2024 16:26:07

Highest Band Edge / 1RB



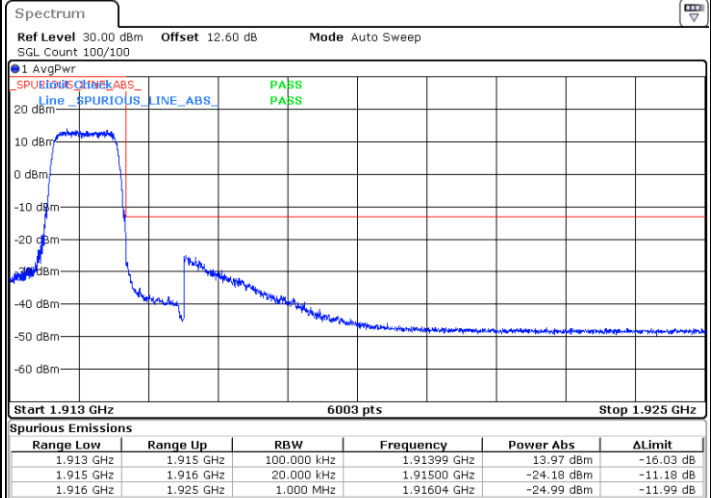
Date: 26.APR.2024 16:36:07

Lowest Band Edge / Full RB



Date: 26.APR.2024 16:27:51

Highest Band Edge / Full RB

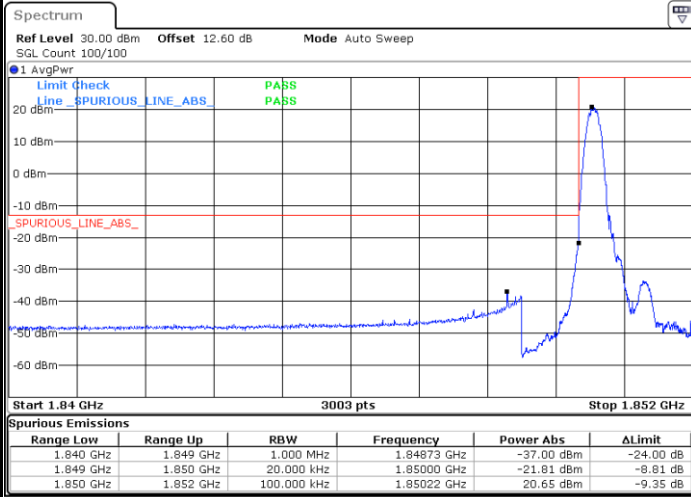


Date: 26.APR.2024 16:33:30

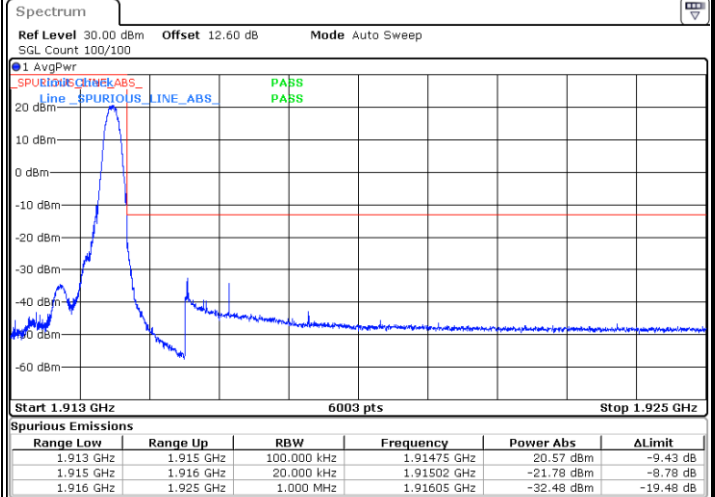


LTE Band 25 / 1.4MHz / 16QAM

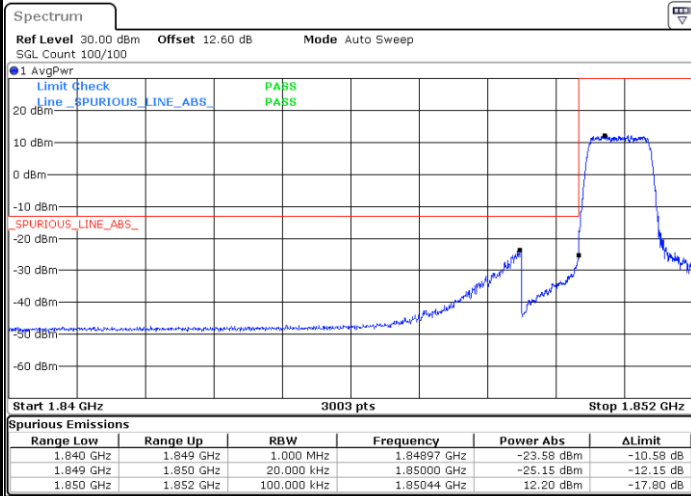
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

