

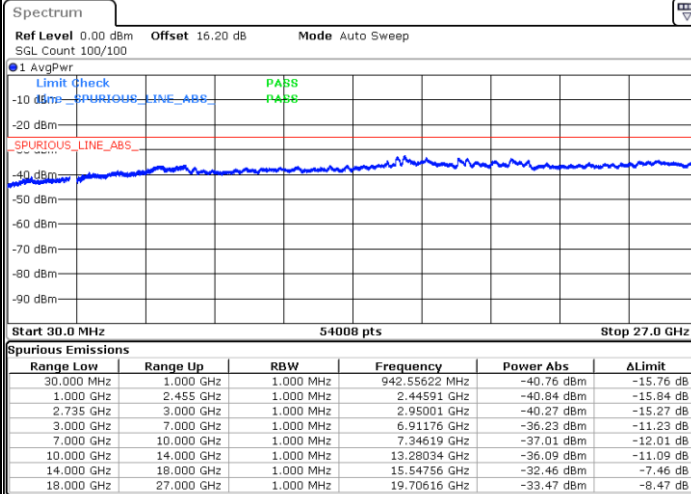


LTE Band 41C / 20MHz+20MHz

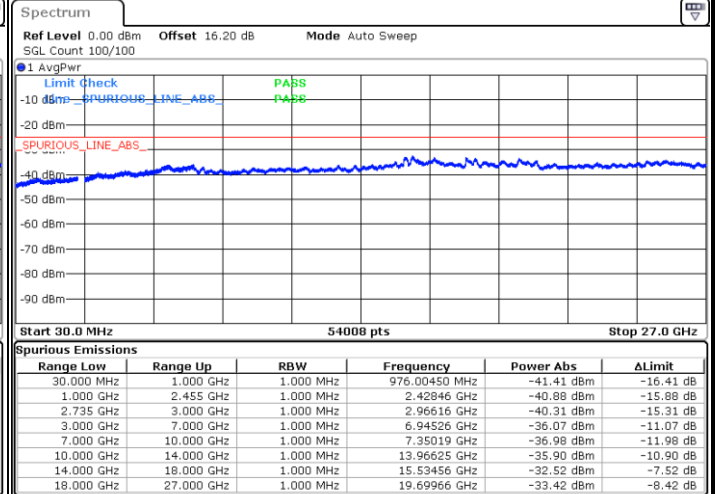
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 27.DEC.2023 22:33:32



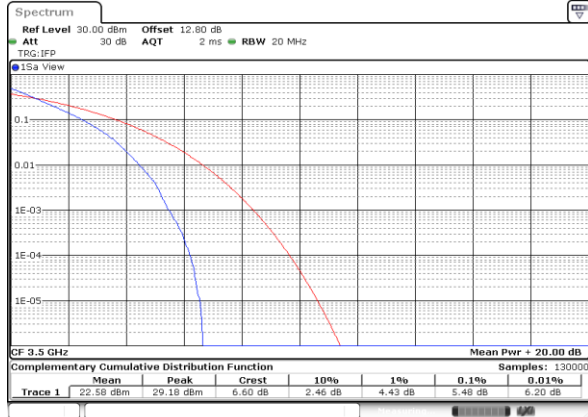
Date: 27.DEC.2023 22:40:07



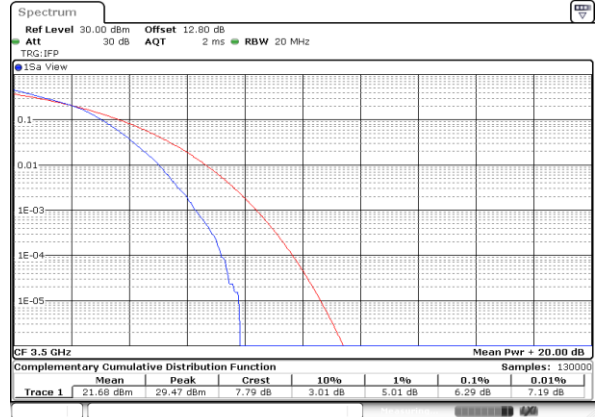
LTE Band 42(Part 27Q)

Peak-to-Average Ratio

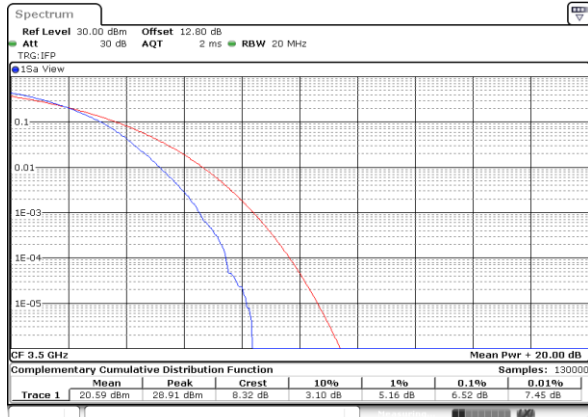
Mode	LTE Band 42 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.48	6.29	6.52	6.52	PASS

LTE Band 42 / 20MHz / QPSK
Middle Channel / Full RB


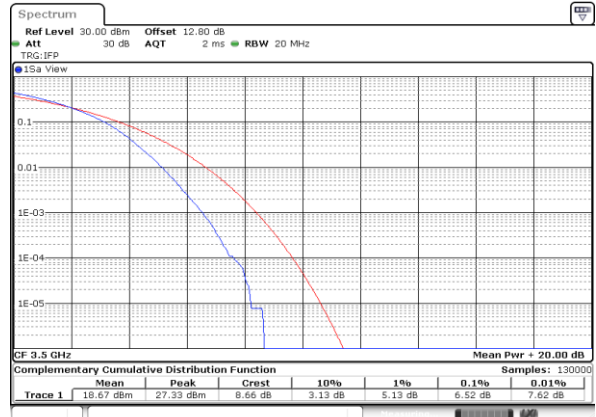
Date: 27.DEC.2023 16:35:32

LTE Band 42 / 20MHz / 16QAM
Middle Channel / Full RB


Date: 27.DEC.2023 16:35:56

LTE Band 42 / 20MHz / 64QAM
Middle Channel / Full RB


Date: 27.DEC.2023 16:36:19

LTE Band 42 / 20MHz / 256QAM
Middle Channel / Full RB


Date: 27.DEC.2023 16:36:43

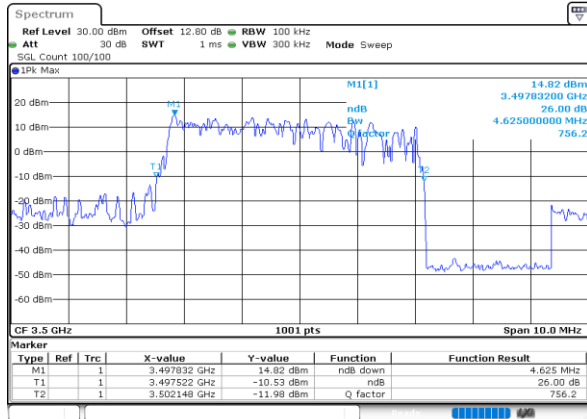
**26dB Bandwidth**

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	-	-	-	-	4.62	4.94	9.83	9.75	14.47	14.32	18.74	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	-	-	-	-	5.00	4.94	9.63	9.86	14.47	14.20	18.70	18.82

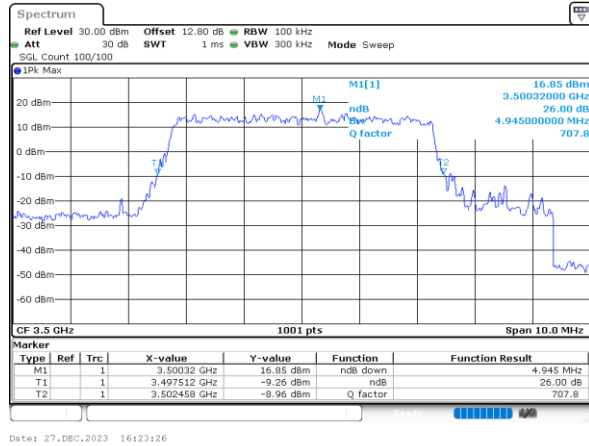


LTE Band 42

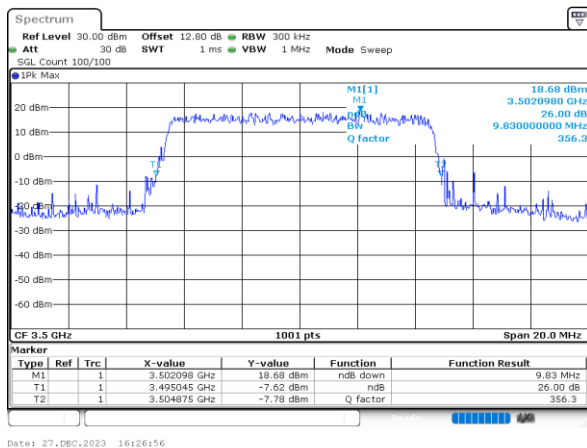
Middle Channel / 5MHz / QPSK



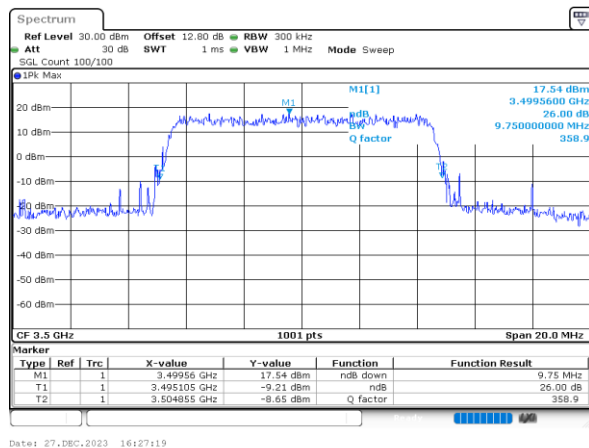
Middle Channel / 5MHz / 16QAM



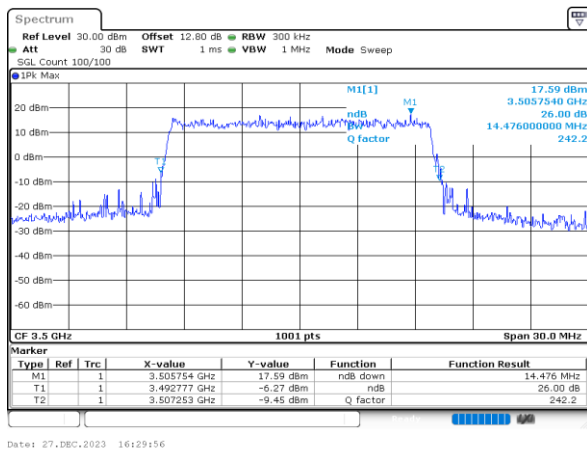
Middle Channel / 10MHz / QPSK



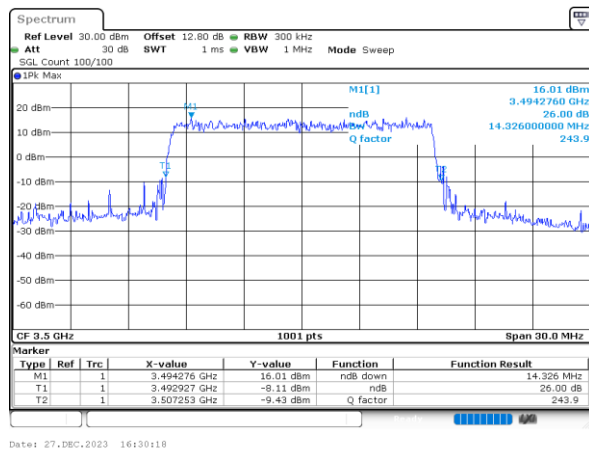
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



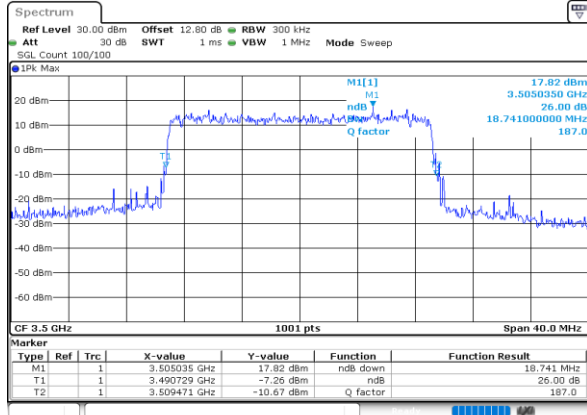
Middle Channel / 15MHz / 16QAM



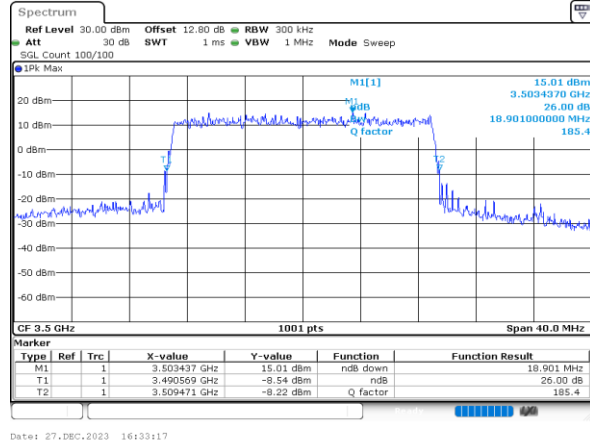


LTE Band 42

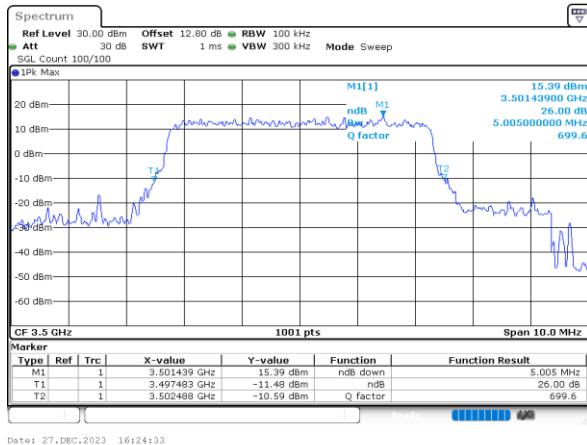
Middle Channel / 20MHz / QPSK



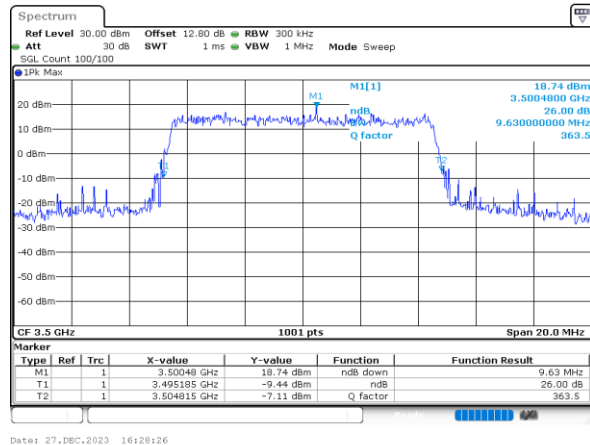
Middle Channel / 20MHz / 16QAM



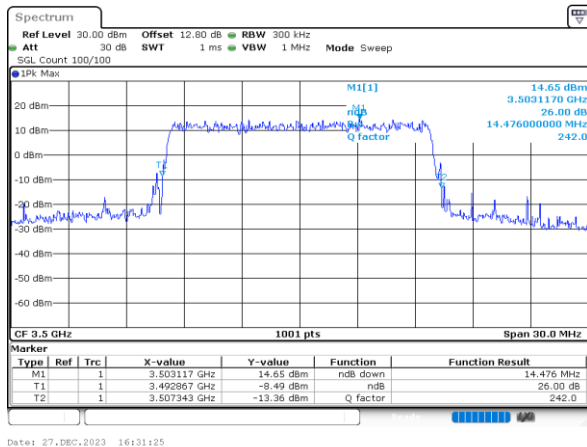
Middle Channel / 5MHz / 64QAM



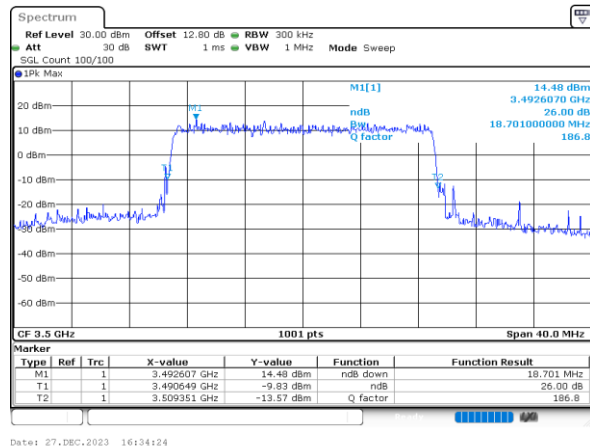
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



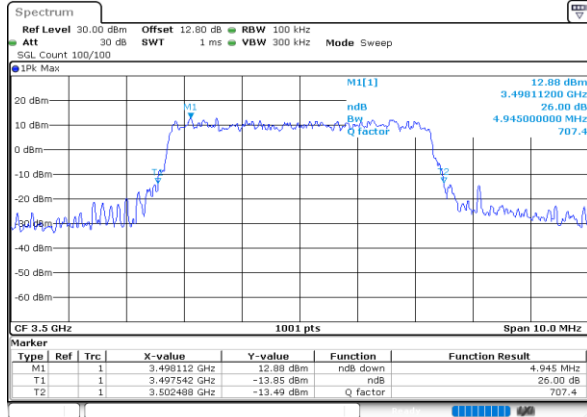
Middle Channel / 20MHz / 64QAM



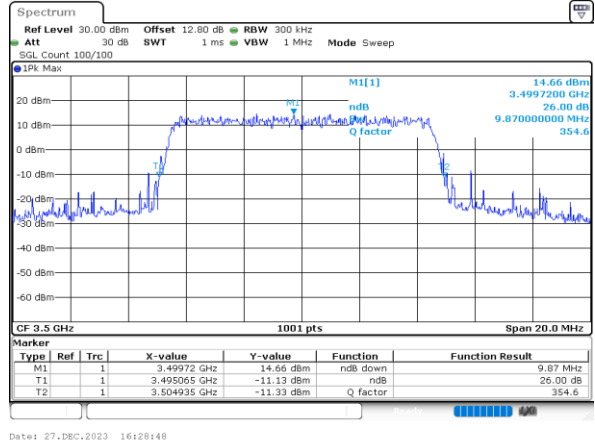


LTE Band 42

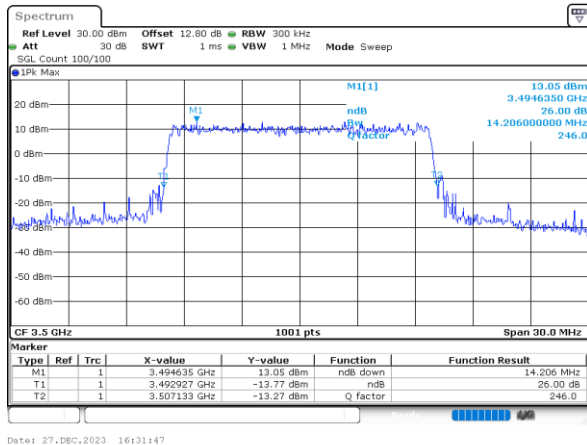
Middle Channel / 5MHz / 256QAM



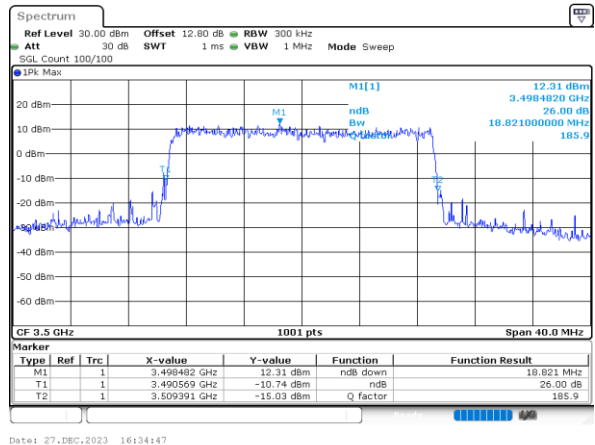
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



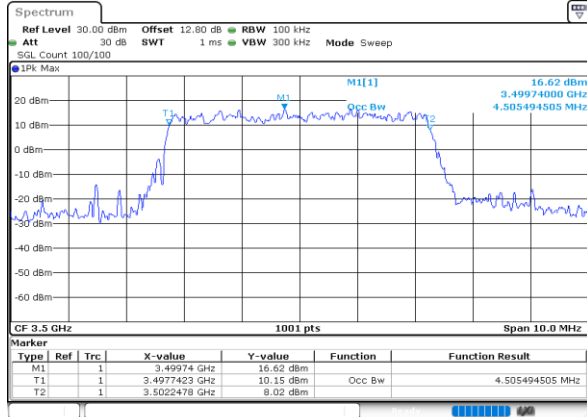
**Occupied Bandwidth**

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	-	-	-	-	4.50	4.50	9.03	9.03	13.48	13.39	17.90	17.90
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	-	-	-	-	4.48	4.49	9.05	9.03	13.42	13.45	17.94	17.90

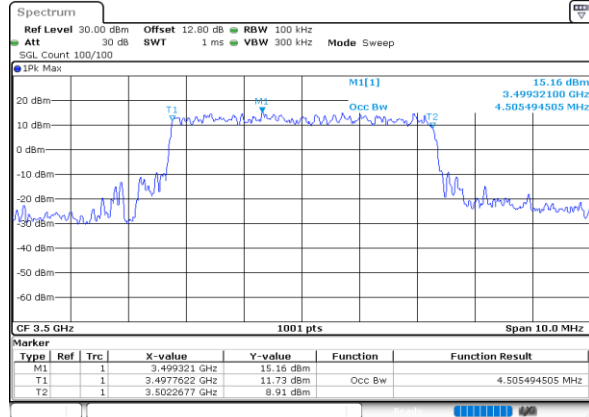


LTE Band 42

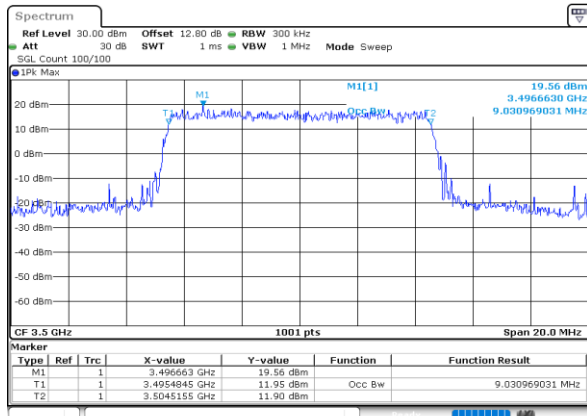
Middle Channel / 5MHz / QPSK



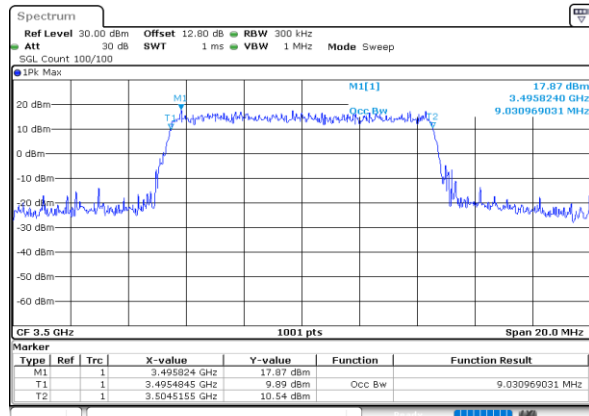
Middle Channel / 5MHz / 16QAM



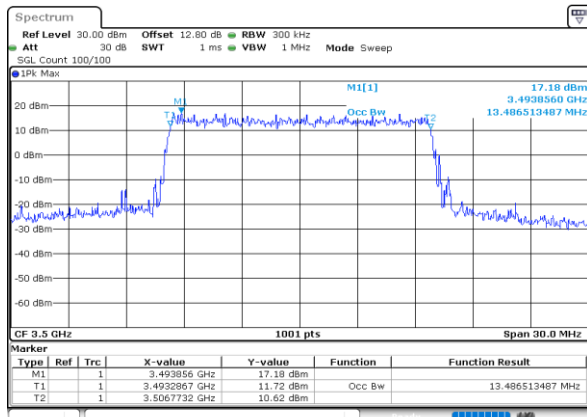
Middle Channel / 10MHz / QPSK



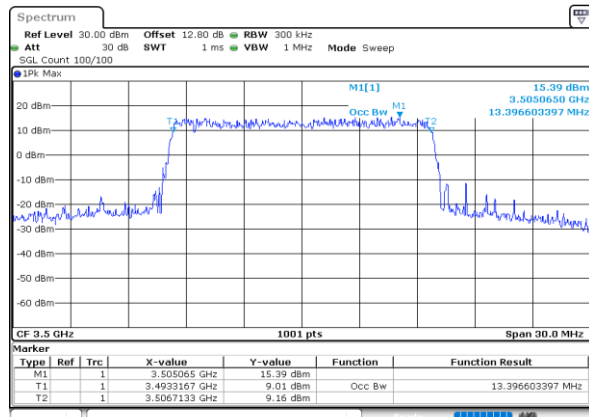
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



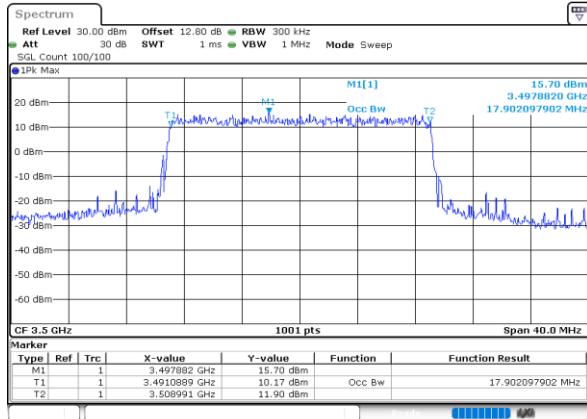
Middle Channel / 15MHz / 16QAM



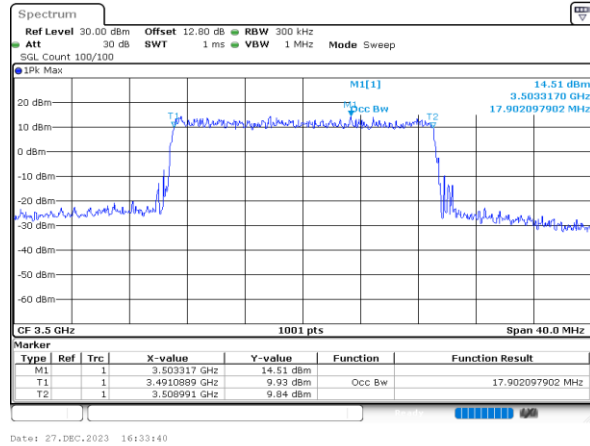


LTE Band 42

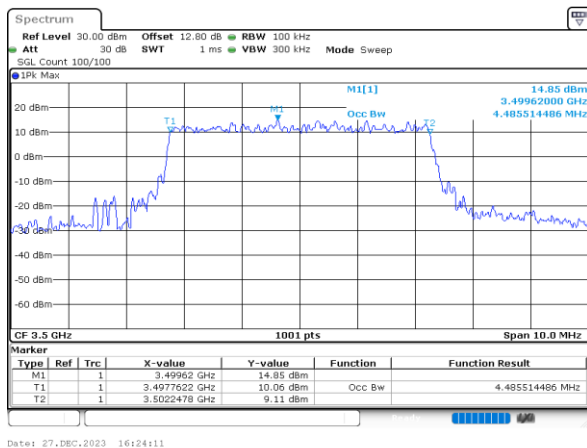
Middle Channel / 20MHz / QPSK



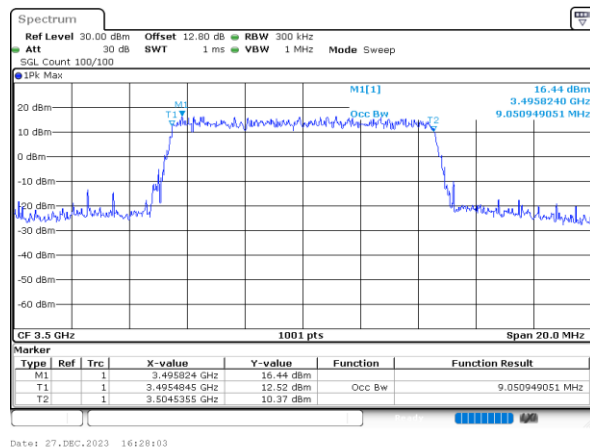
Middle Channel / 20MHz / 16QAM



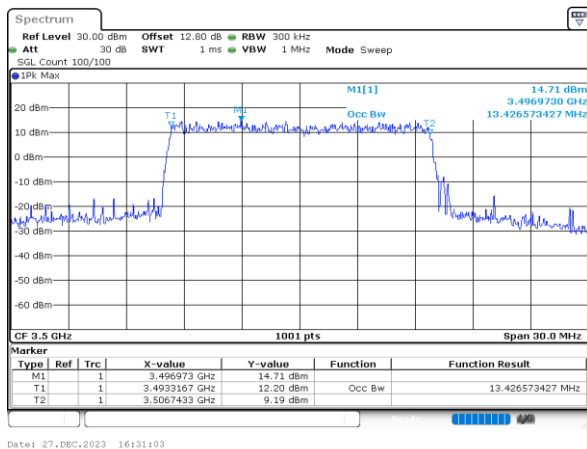
Middle Channel / 5MHz / 64QAM



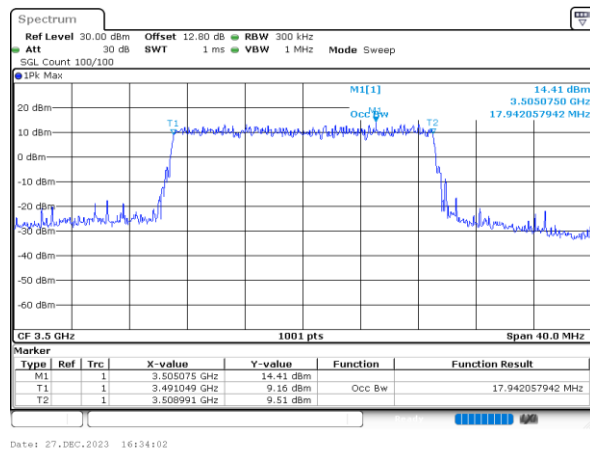
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



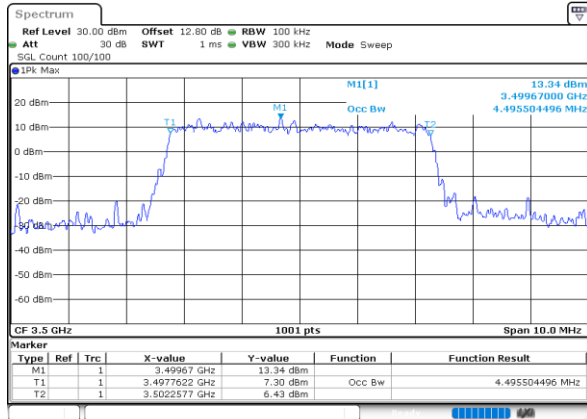
Middle Channel / 20MHz / 64QAM



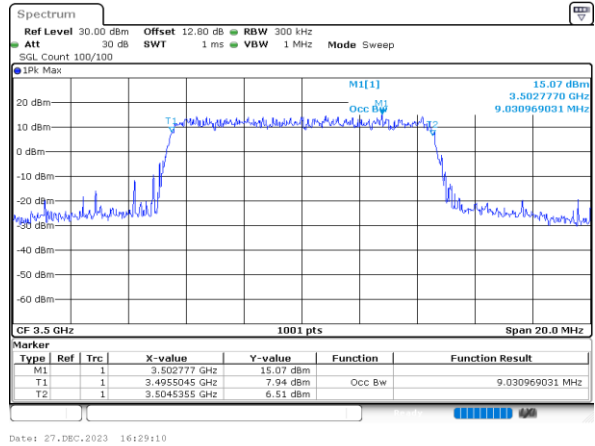


LTE Band 42

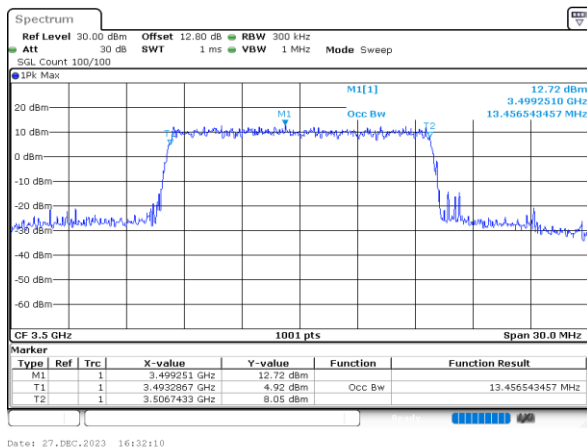
Middle Channel / 5MHz / 256QAM



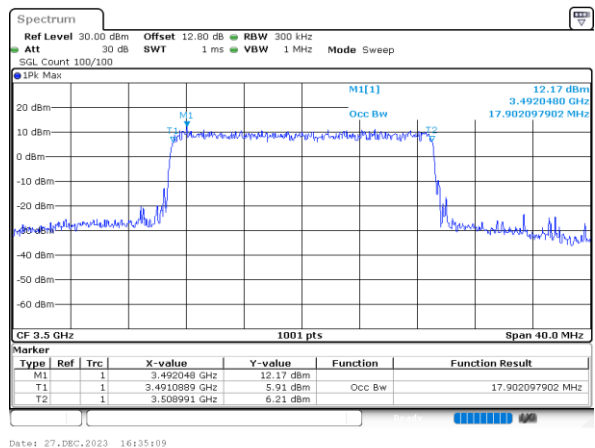
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

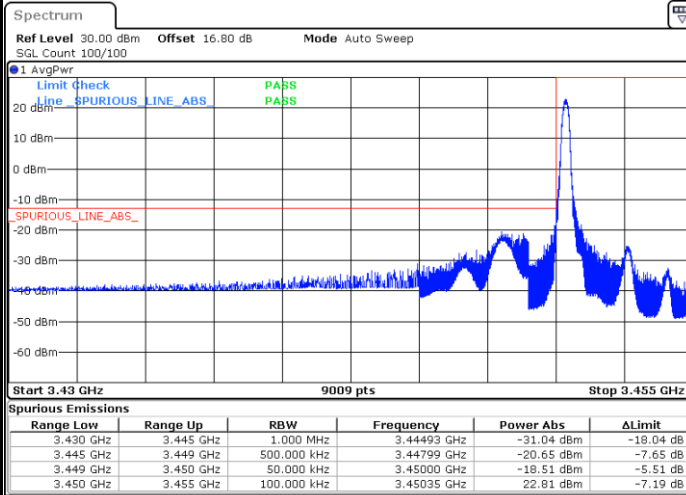




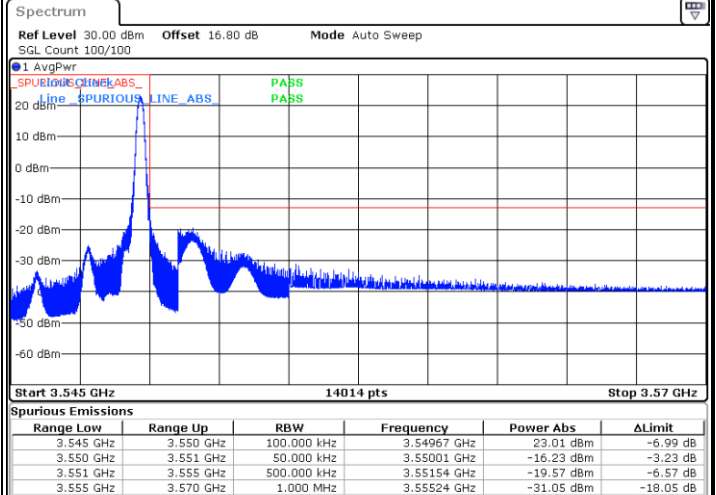
Conducted Band Edge

LTE Band 42 / 5MHz / QPSK

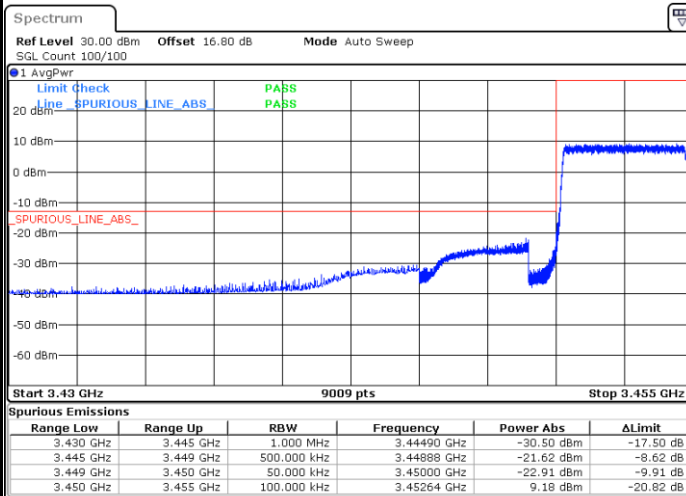
Lowest Band Edge / 1 RB



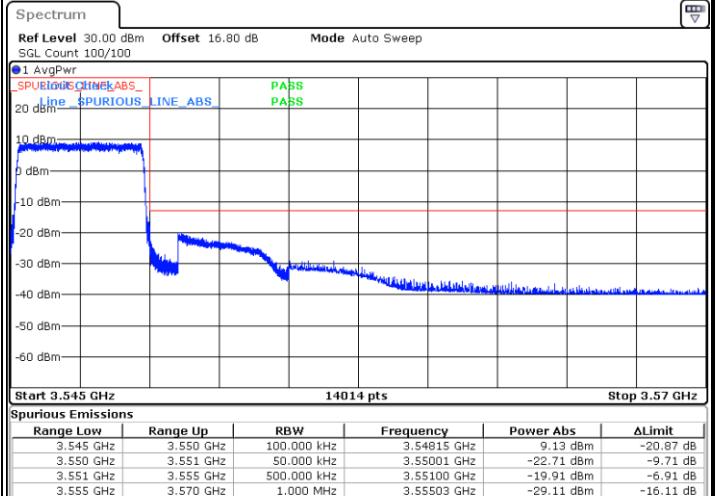
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



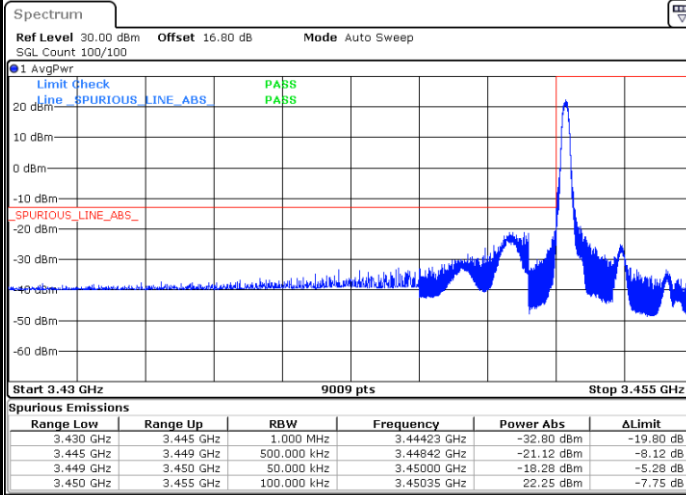
Highest Band Edge / Full RB





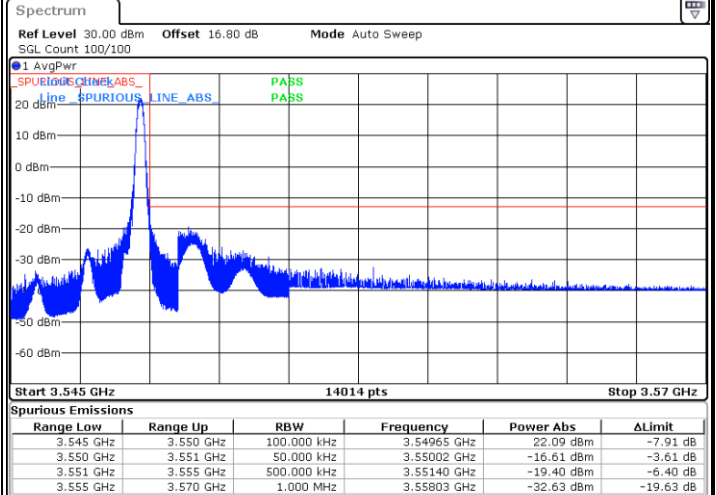
LTE Band 42 / 5MHz / 16QAM

Lowest Band Edge / 1RB



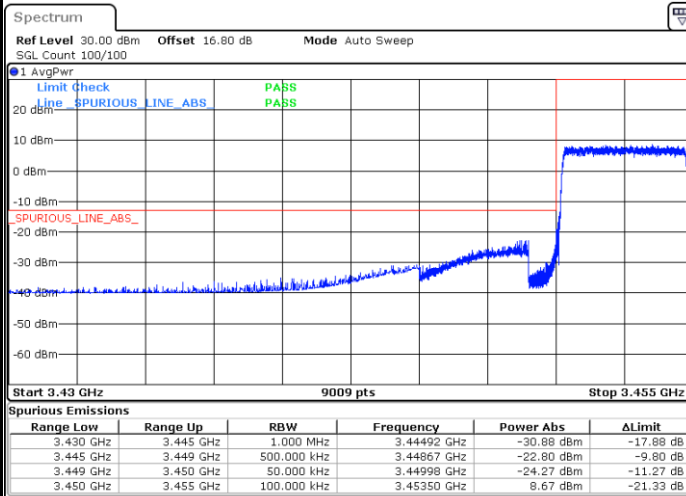
Date: 27.DEC.2023 15:35:57

Highest Band Edge / 1 RB



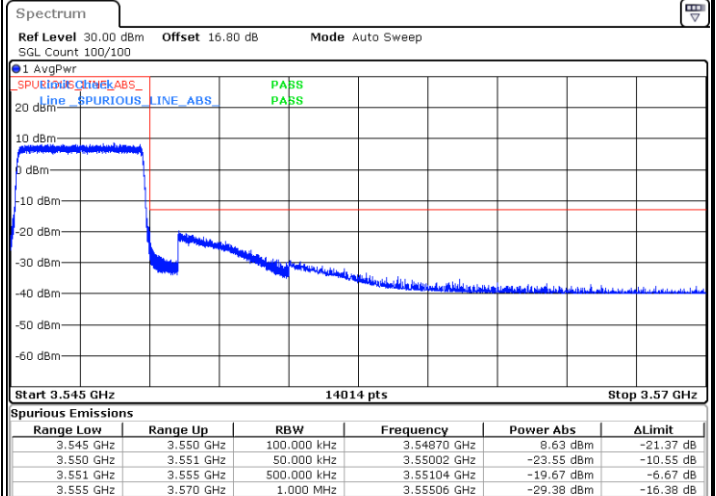
Date: 27.DEC.2023 15:42:55

Lowest Band Edge / Full RB



Date: 27.DEC.2023 15:39:26

Highest Band Edge / Full RB

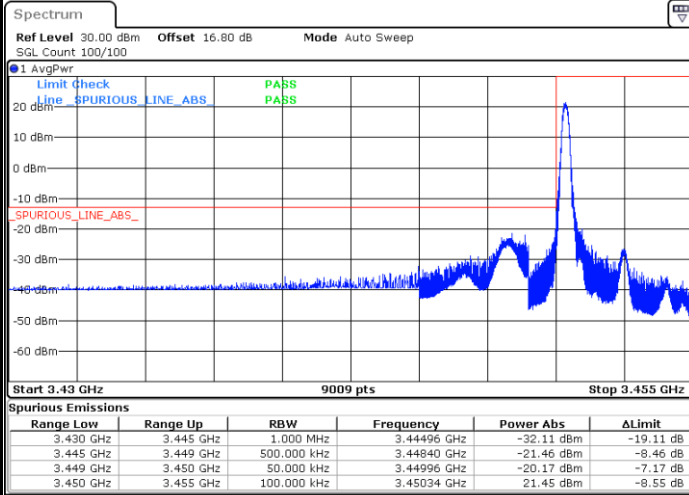


Date: 27.DEC.2023 15:46:25



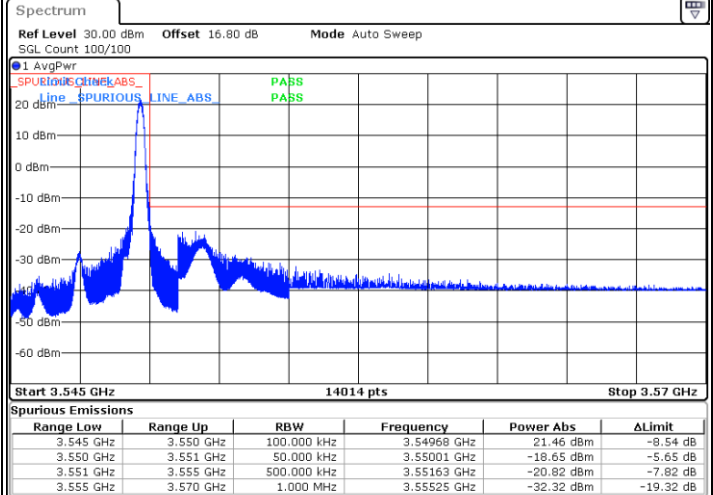
LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB



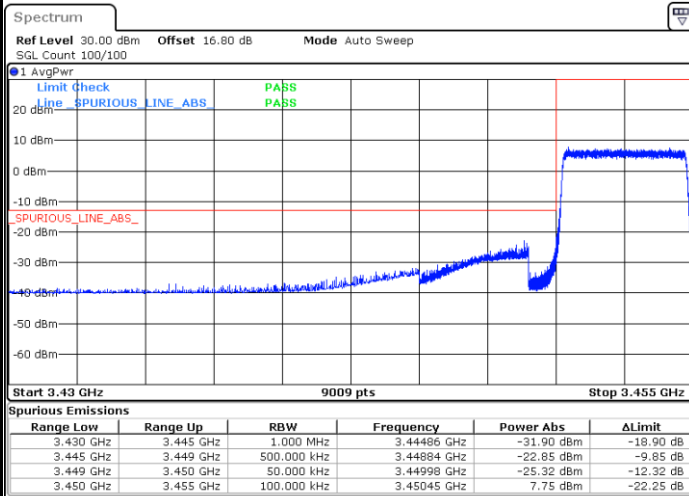
Date: 27.DEC.2023 15:36:49

Highest Band Edge / 1 RB



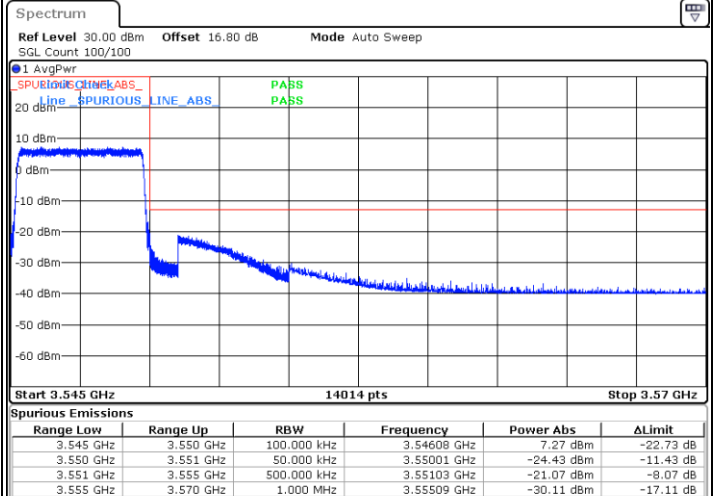
Date: 27.DEC.2023 15:43:47

Lowest Band Edge / Full RB



Date: 27.DEC.2023 15:40:18

Highest Band Edge / Full RB

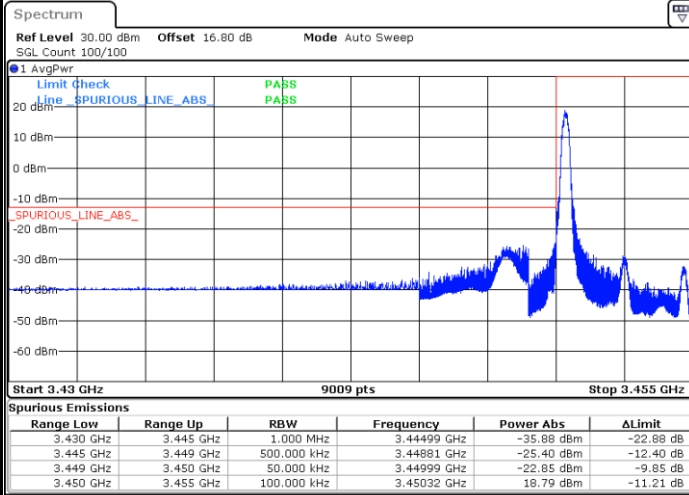


Date: 27.DEC.2023 15:47:16



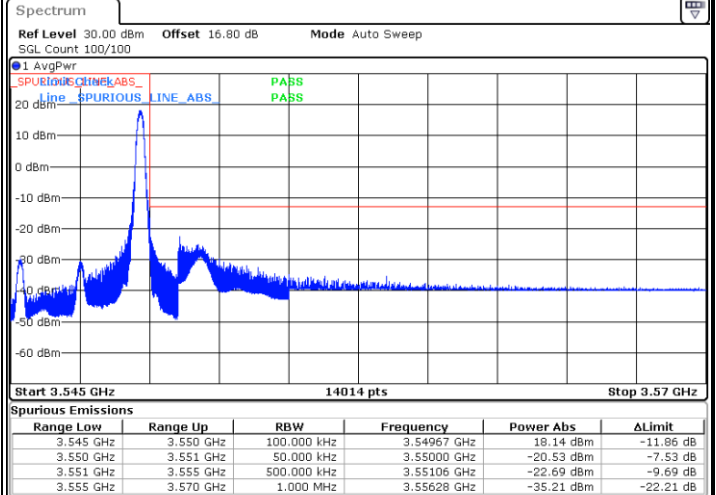
LTE Band 42 / 5MHz / 256QAM

Lowest Band Edge / 1RB



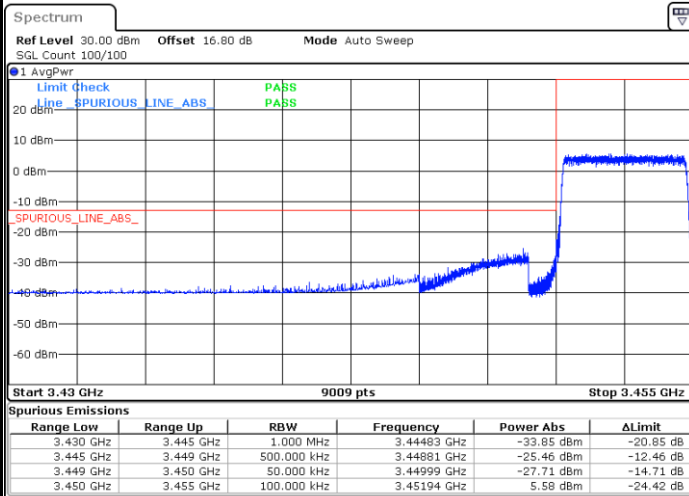
Date: 27.DEC.2023 15:37:40

Highest Band Edge / 1 RB



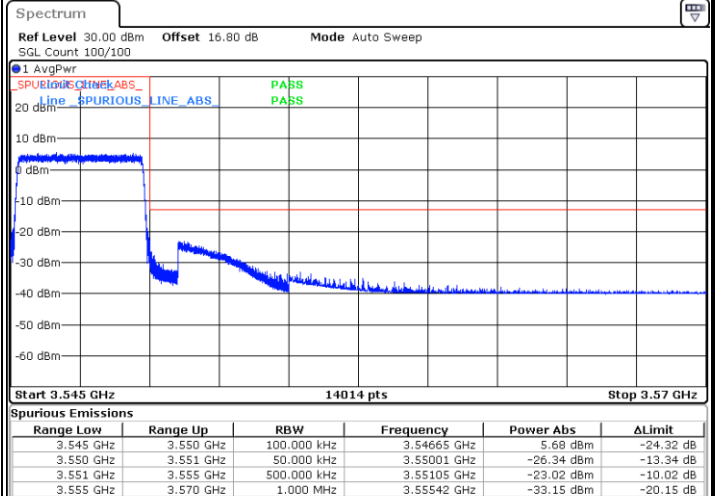
Date: 27.DEC.2023 15:44:39

Lowest Band Edge / Full RB



Date: 27.DEC.2023 15:41:09

Highest Band Edge / Full RB

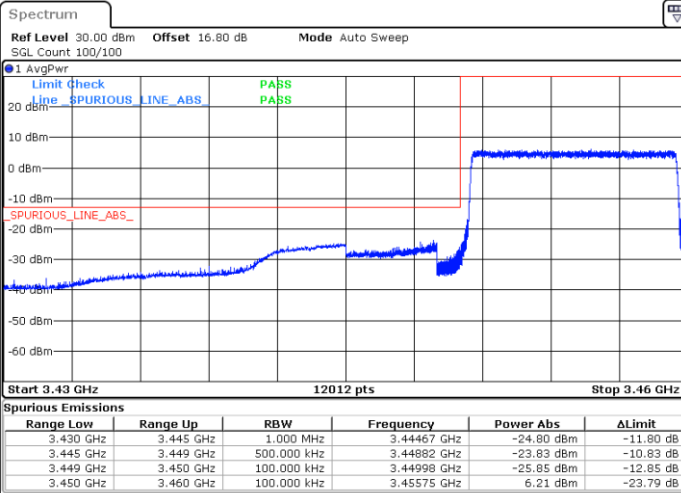


Date: 27.DEC.2023 15:48:08

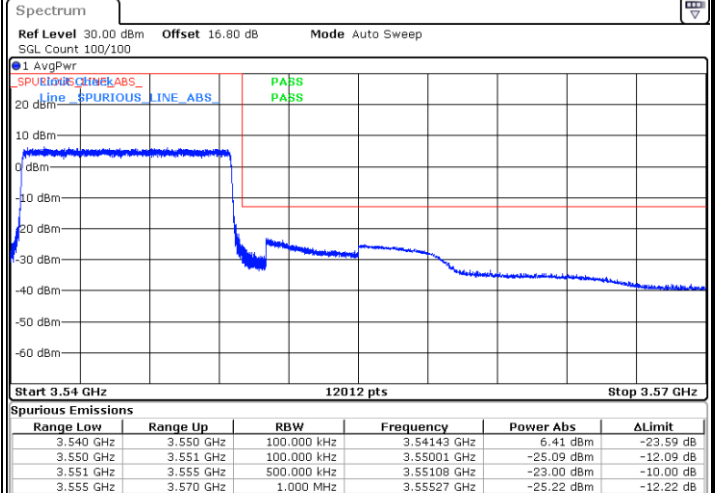


LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / Full RB

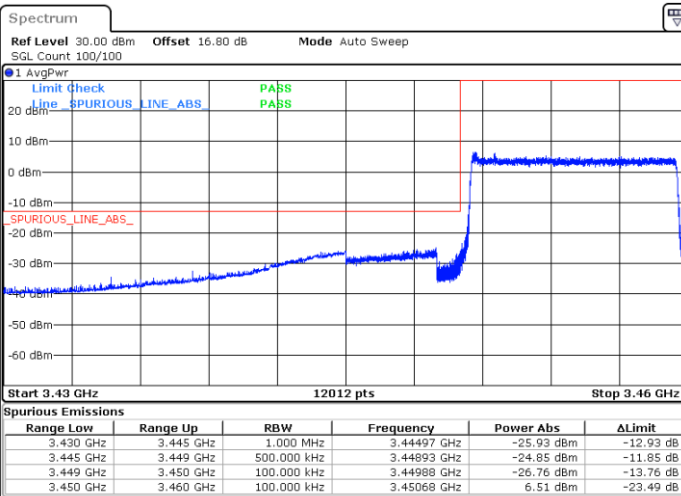


Highest Band Edge / Full RB

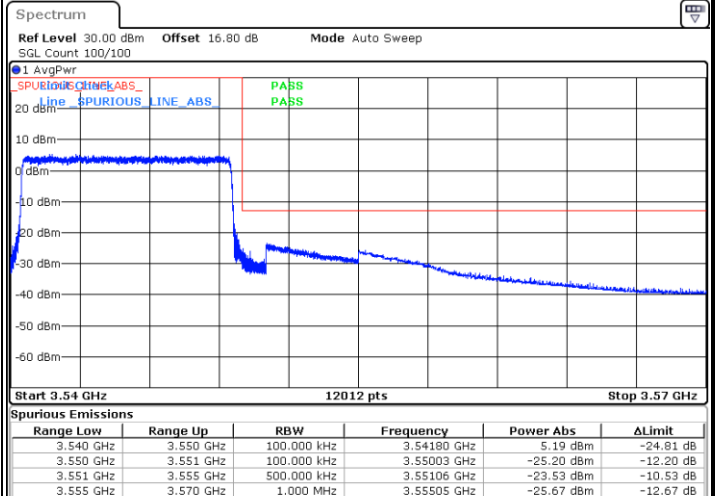


TE Band 42 / 10MHz / 16QAM

Lowest Band Edge / Full RB



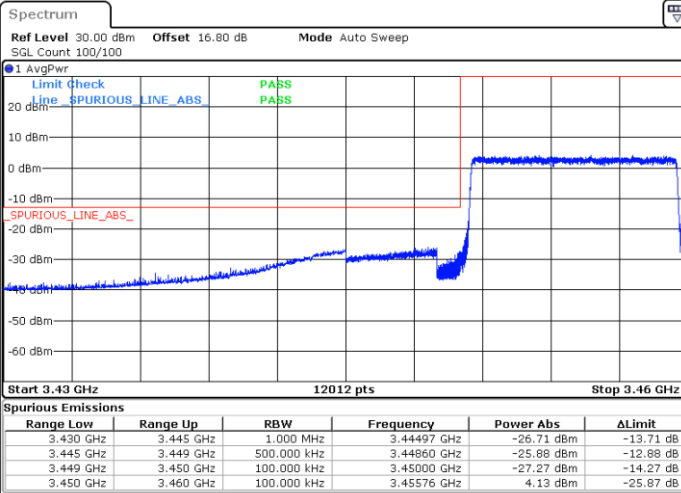
Highest Band Edge / Full RB



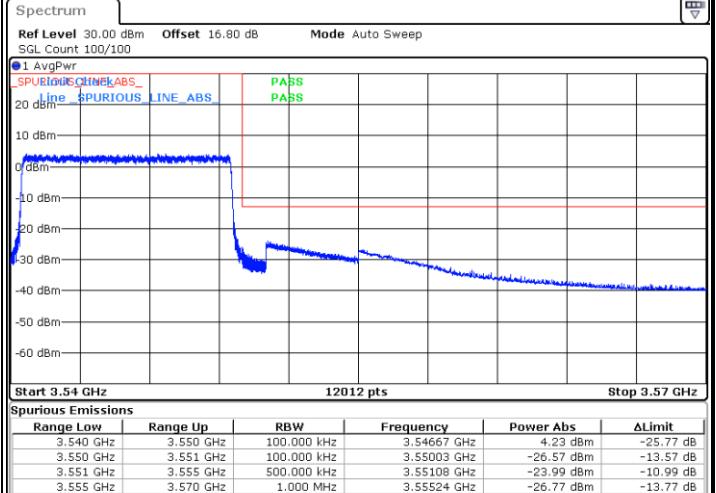


LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / Full RB

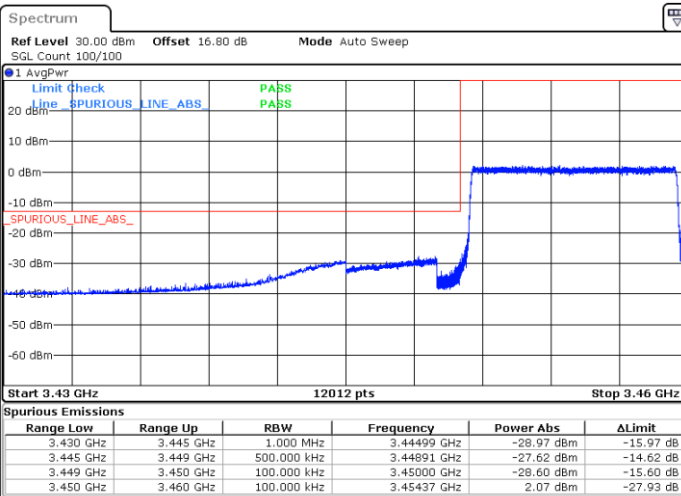


Highest Band Edge / Full RB

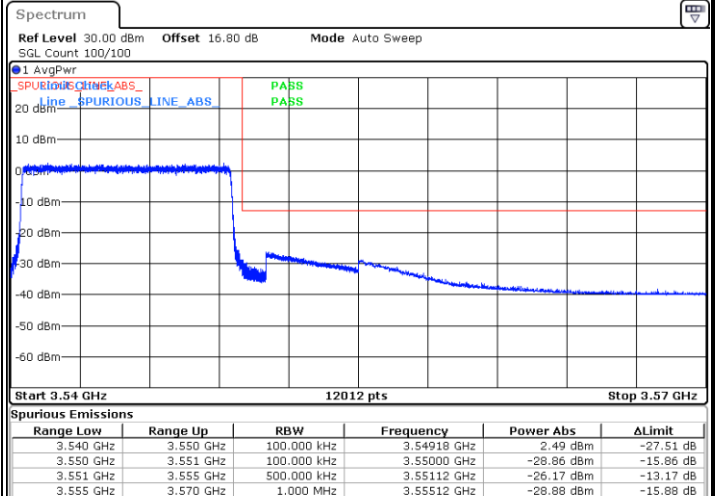


LTE Band 42 / 10MHz / 256QAM

Lowest Band Edge / Full RB



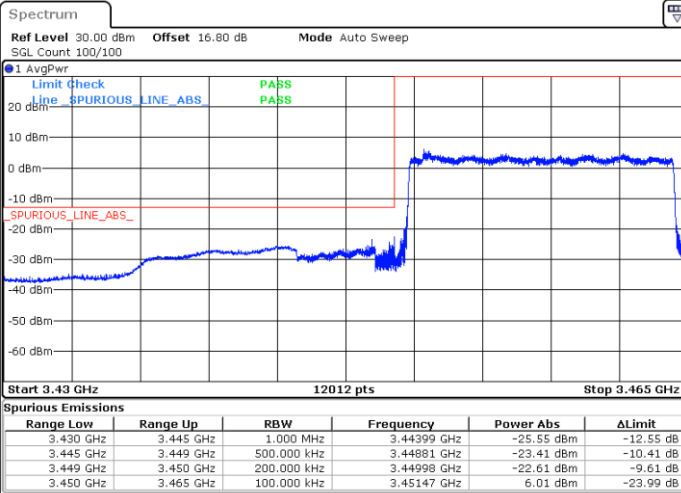
Highest Band Edge / Full RB



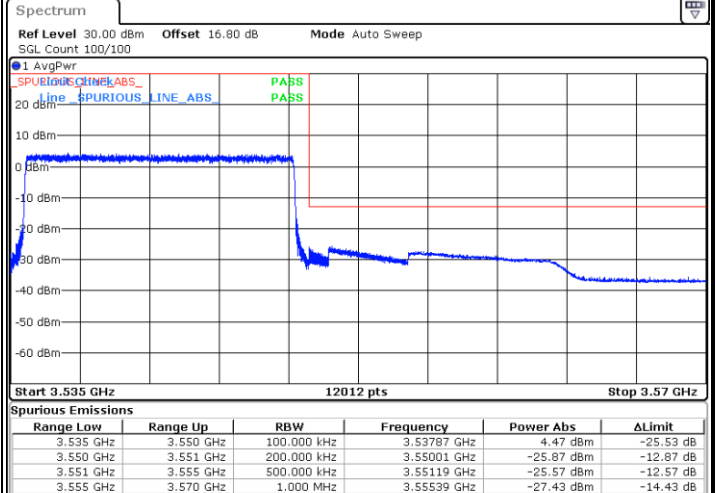


LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / Full RB

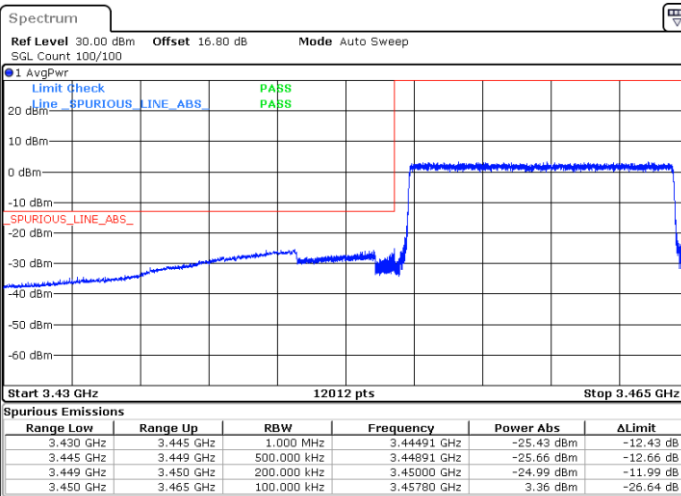


Highest Band Edge / Full RB

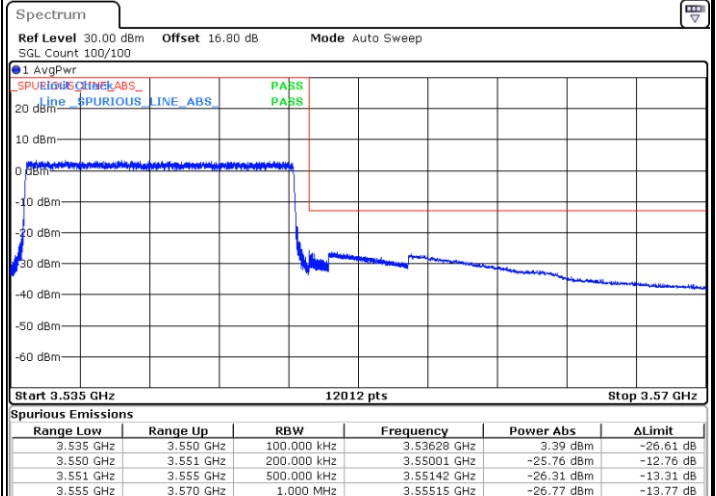


LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / Full RB



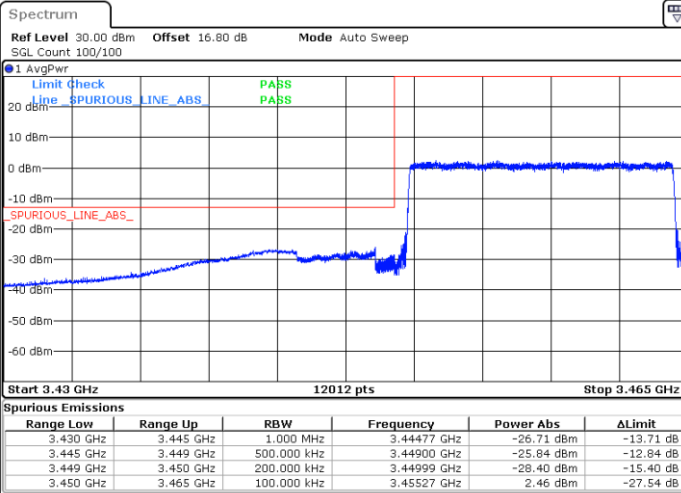
Highest Band Edge / Full RB



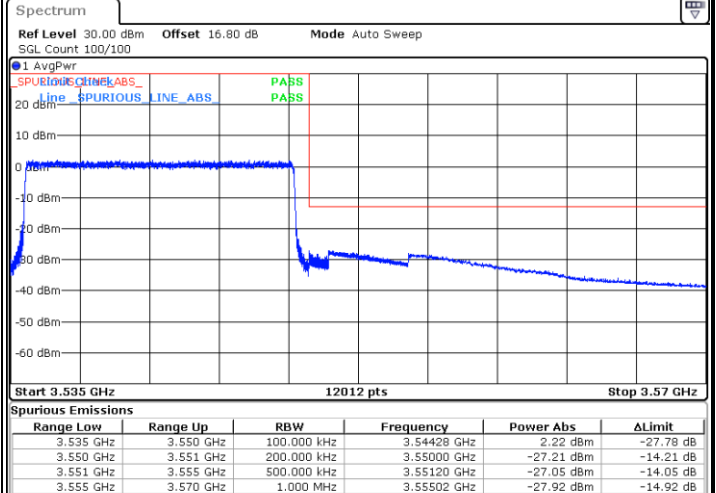


LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / Full RB

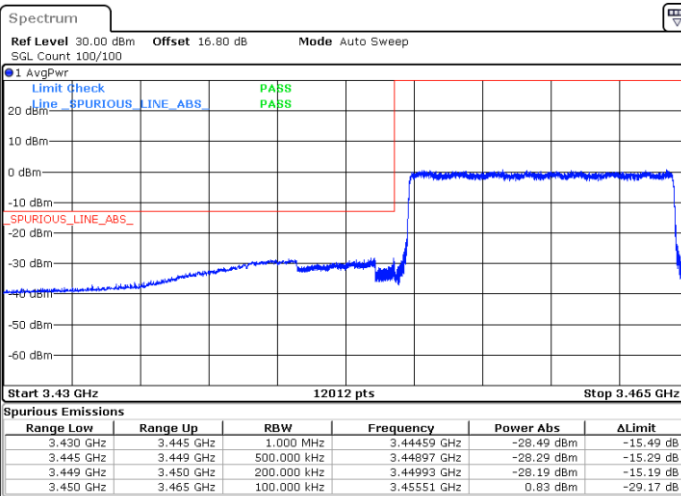


Highest Band Edge / Full RB

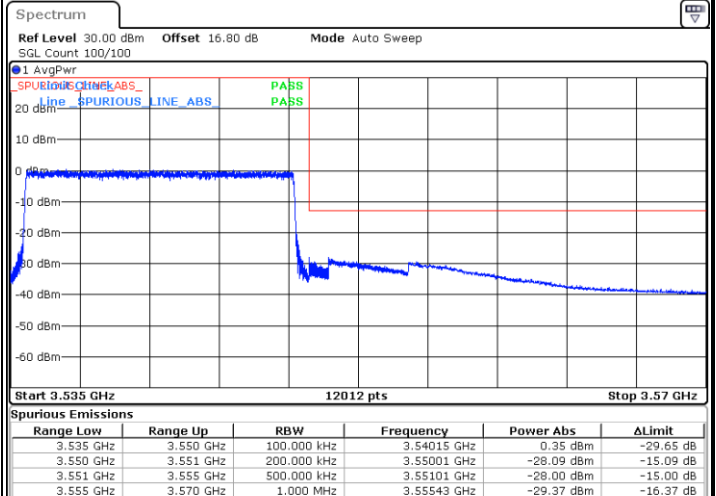


LTE Band 42 / 15MHz / 256QAM

Lowest Band Edge / Full RB



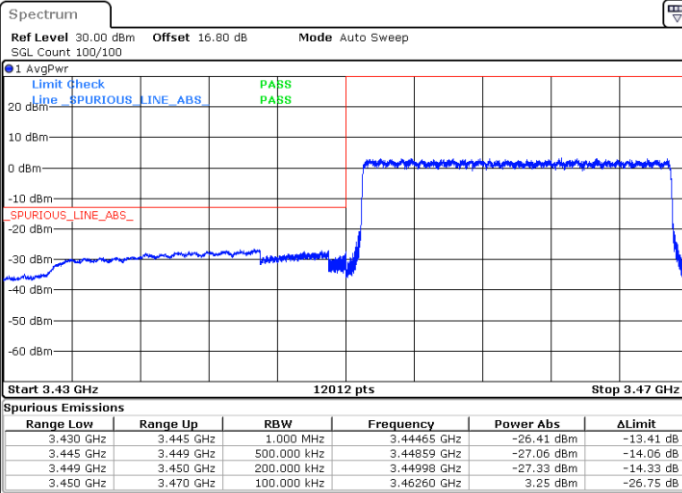
Highest Band Edge / Full RB



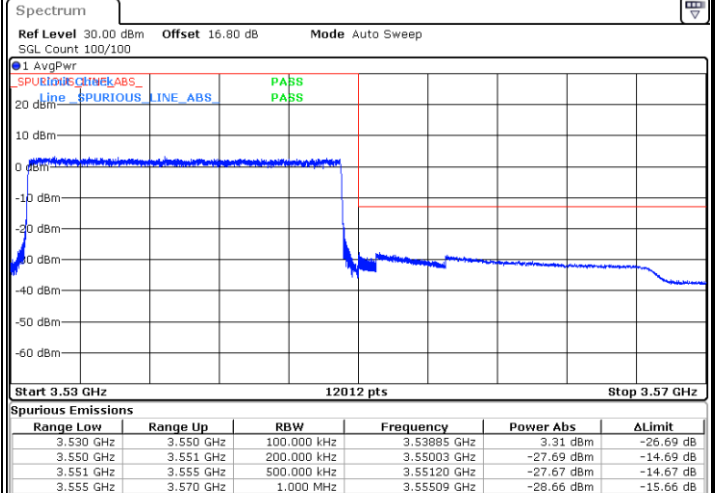


LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / Full RB

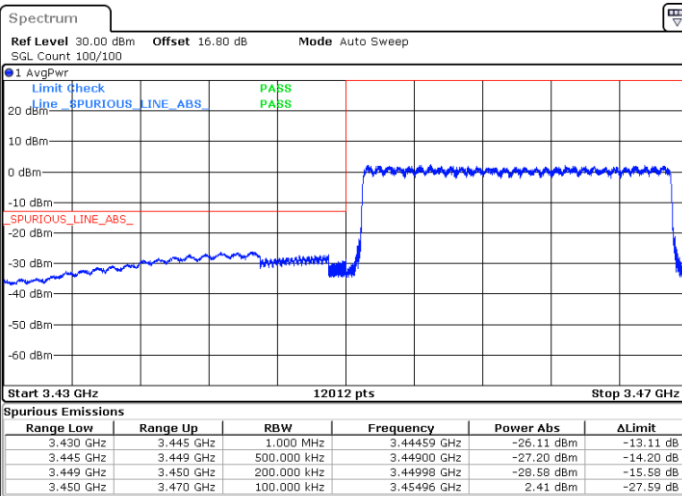


Highest Band Edge / Full RB

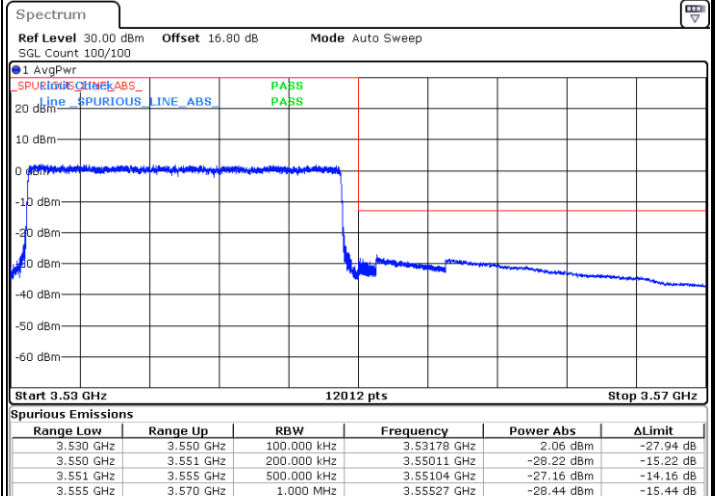


LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / Full RB



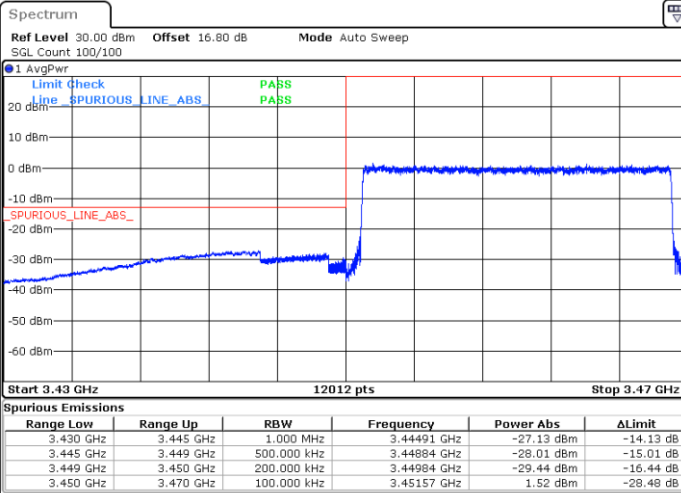
Highest Band Edge / Full RB



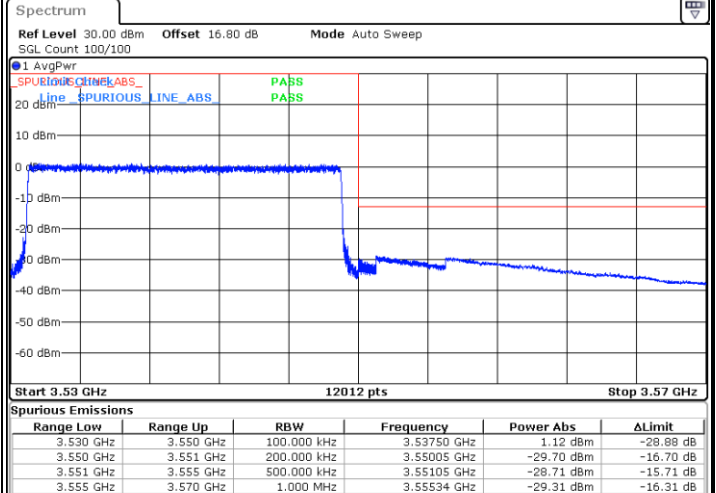


LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / Full RB

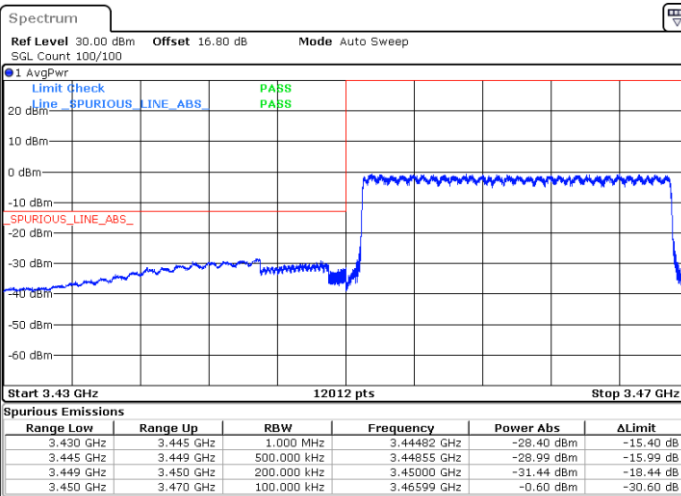


Highest Band Edge / Full RB

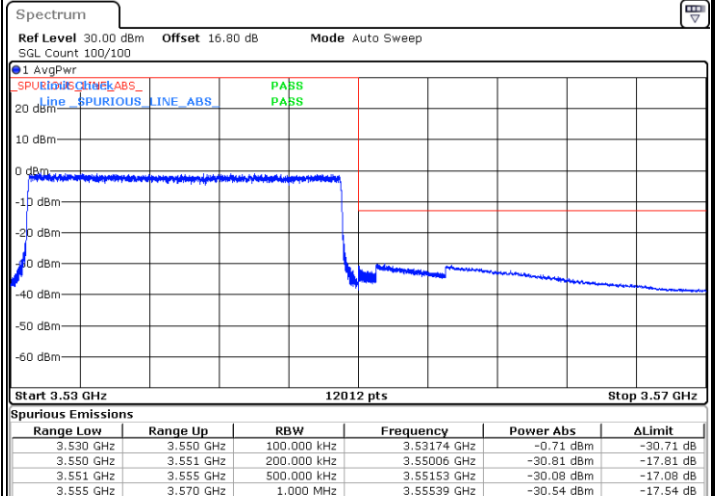


LTE Band 42 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

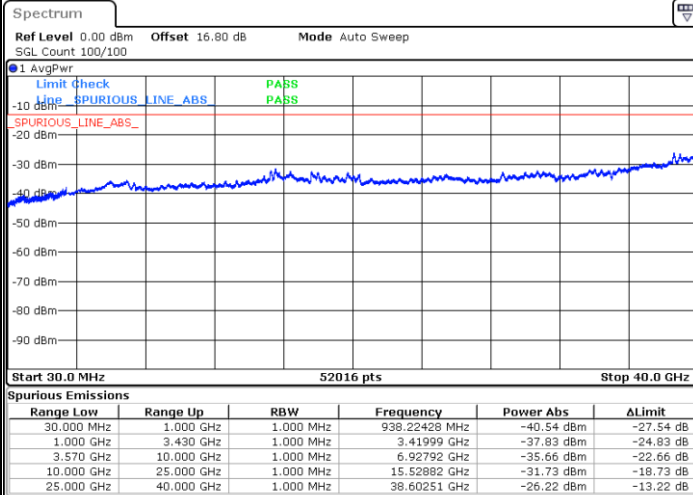




Conducted Spurious Emission

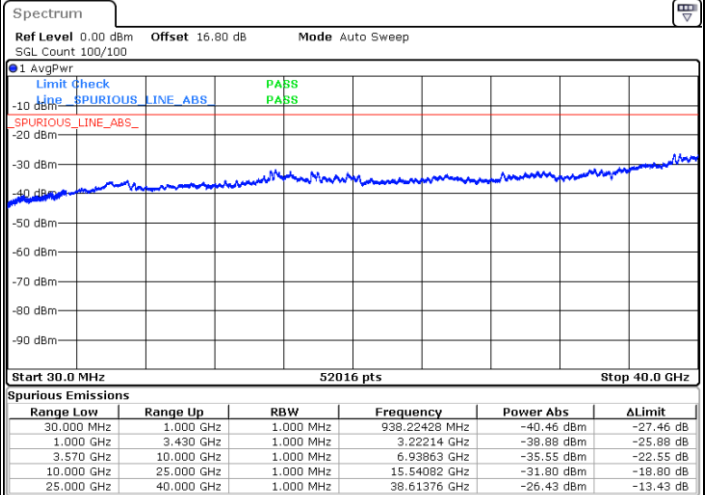
LTE Band 42 / 5MHz

Lowest Channel / QPSK



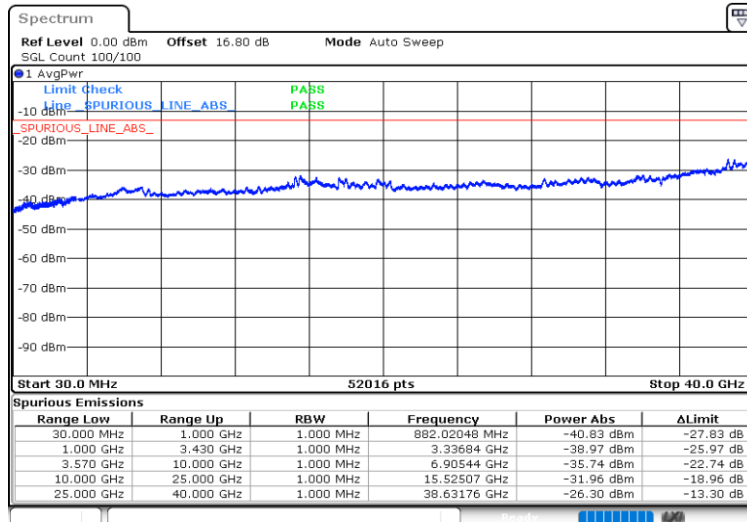
Date: 27.DEC.2023 15:49:28

Middle Channel / QPSK



Date: 27.DEC.2023 15:50:44

Highest Channel / QPSK

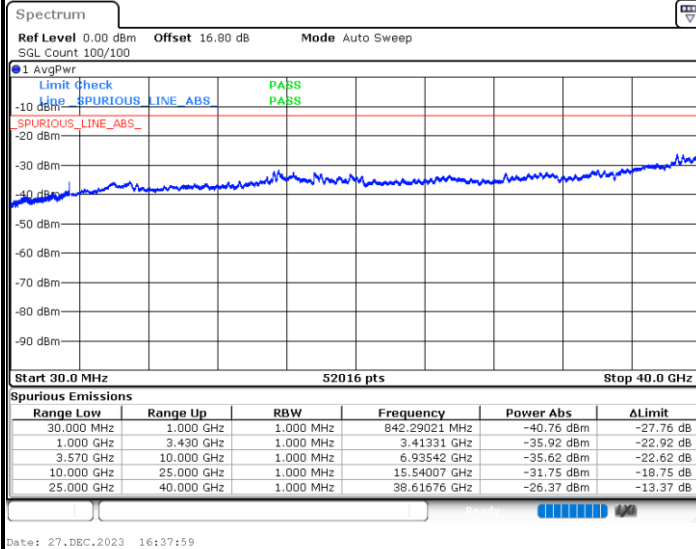


Date: 27.DEC.2023 15:52:00

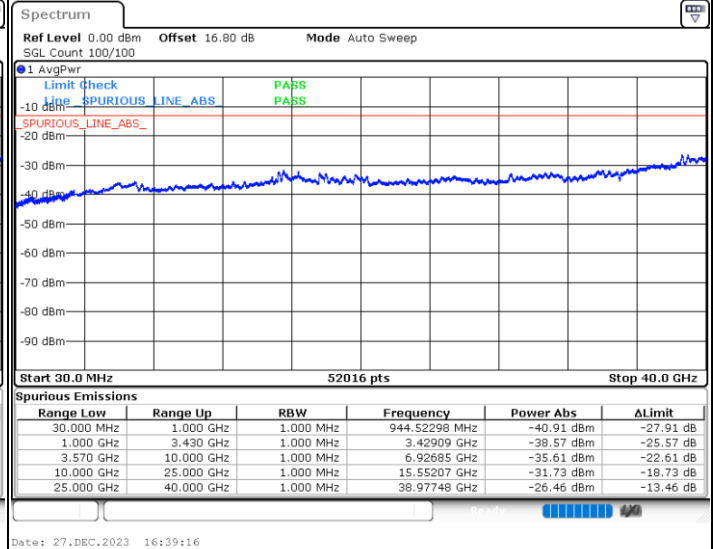


LTE Band 42 / 10MHz

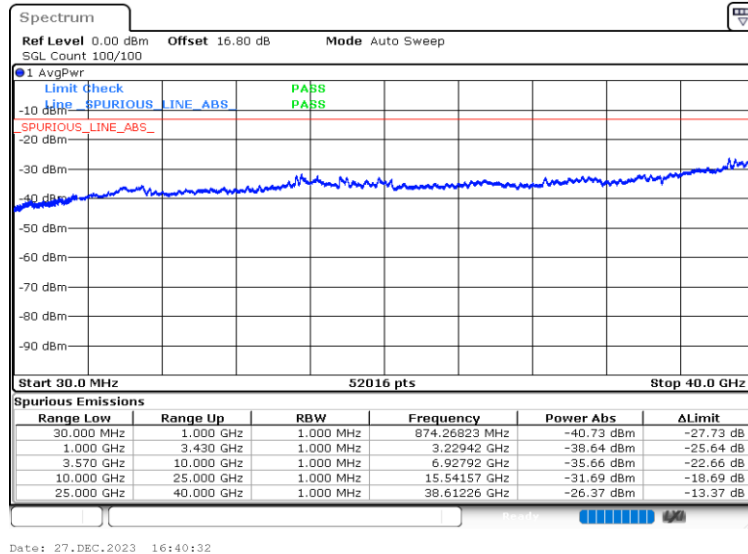
Lowest Channel / QPSK



Middle Channel / QPSK



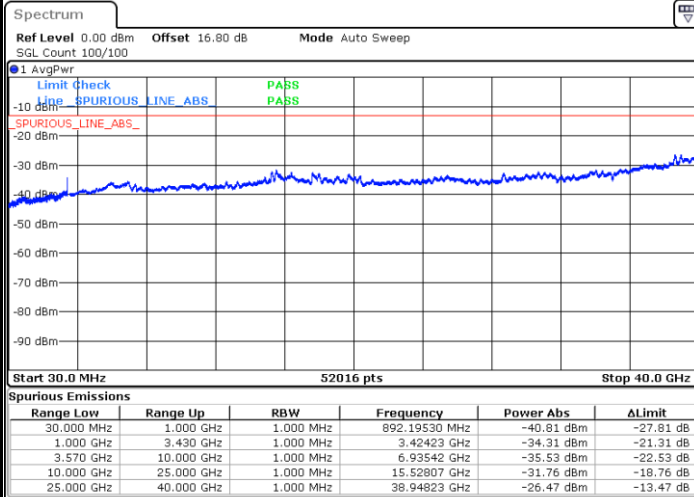
Highest Channel / QPSK





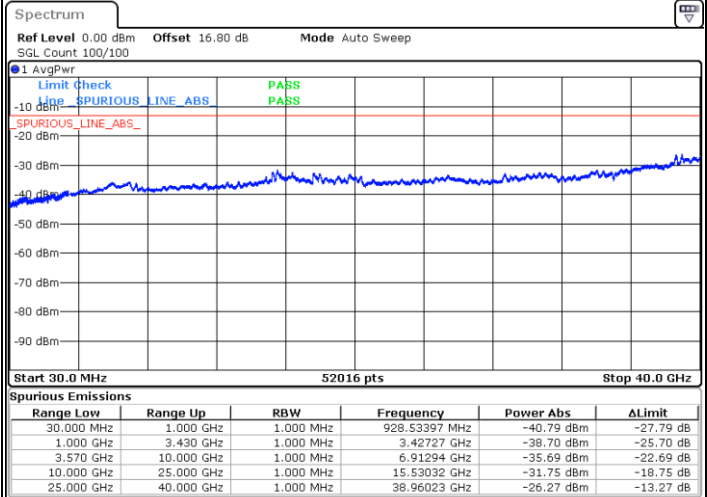
LTE Band 42 / 15MHz

Lowest Channel / QPSK



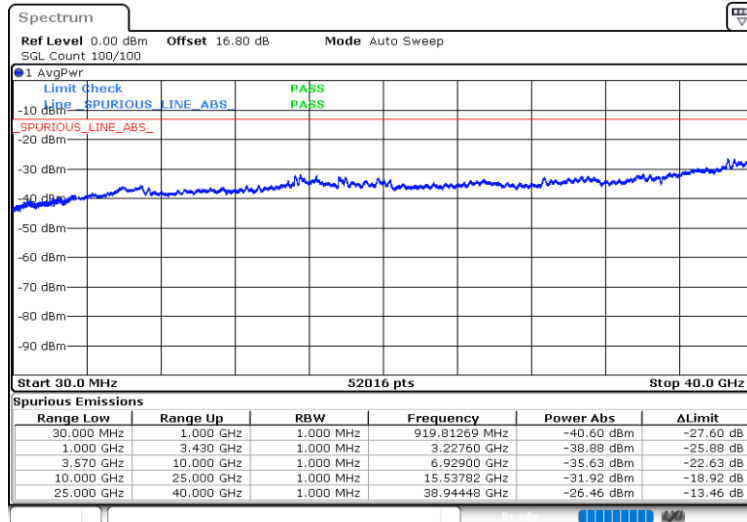
Date: 27.DEC.2023 16:41:49

Middle Channel / QPSK



Date: 27.DEC.2023 16:43:06

Highest Channel / QPSK

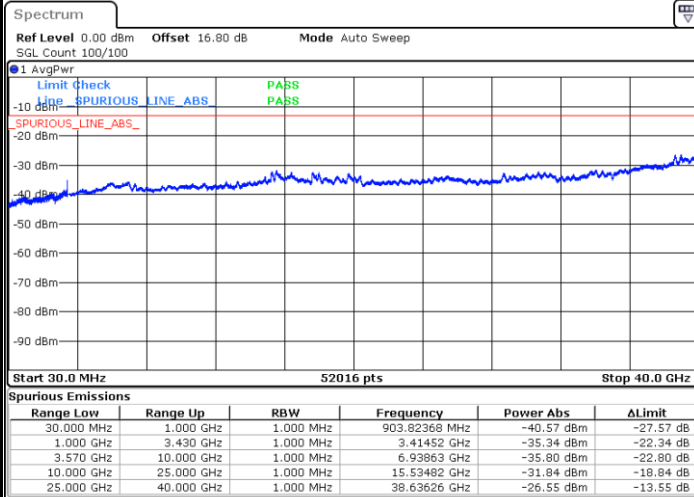


Date: 27.DEC.2023 16:44:22



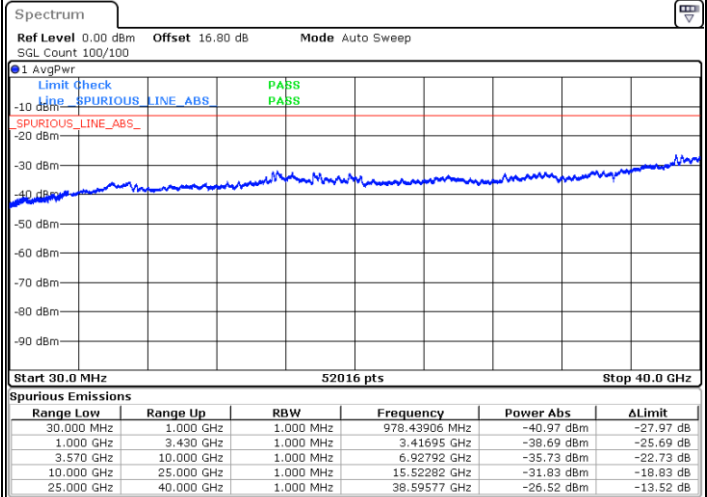
LTE Band 42 / 20MHz

Lowest Channel / QPSK



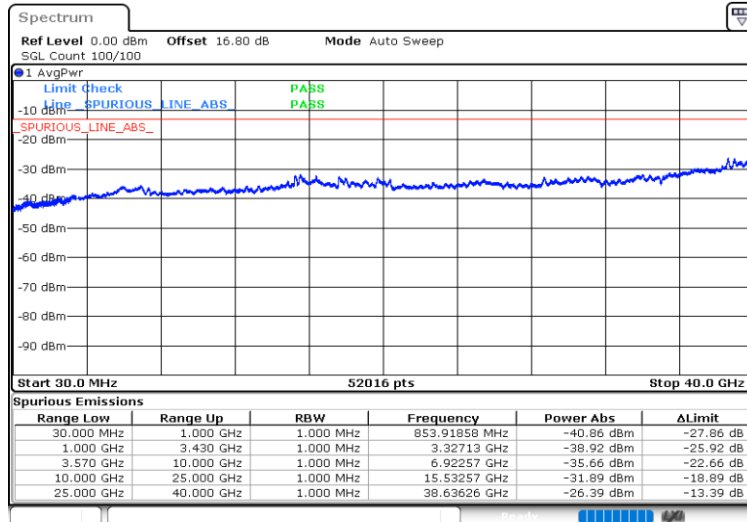
Date: 27.DEC.2023 16:45:39

Middle Channel / QPSK



Date: 27.DEC.2023 16:46:56

Highest Channel / QPSK



Date: 27.DEC.2023 16:48:12

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0037	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0045	

Note:

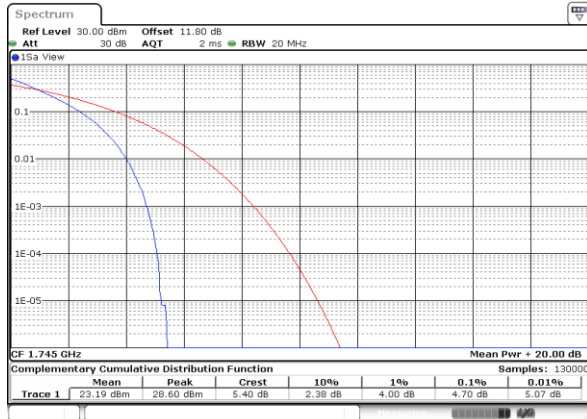
1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



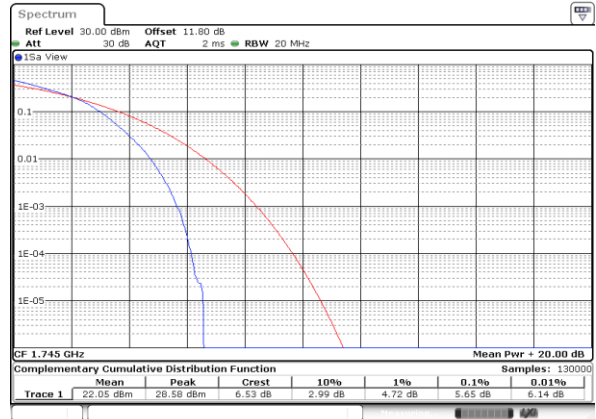
LTE Band 66

Peak-to-Average Ratio

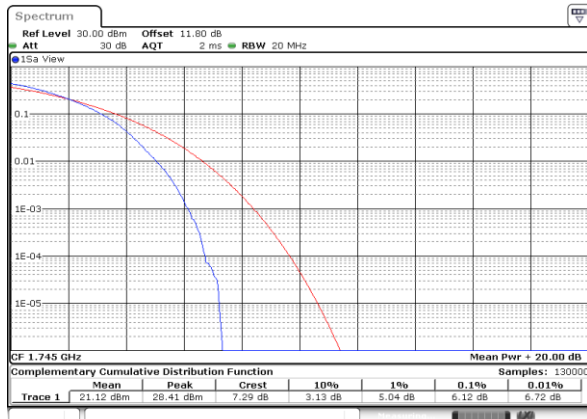
Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.70	5.65	6.12	6.61	PASS

LTE Band 66 / 20MHz / QPSK
Middle Channel / Full RB


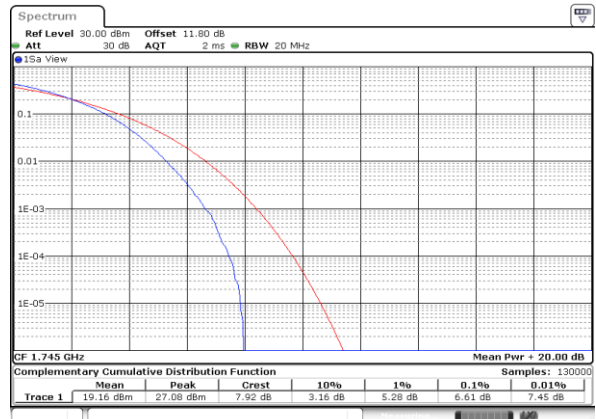
Date: 26.DEC.2023 16:42:23

LTE Band 66 / 20MHz / 16QAM
Middle Channel / Full RB


Date: 26.DEC.2023 16:41:59

LTE Band 66 / 20MHz / 64QAM
Middle Channel / Full RB


Date: 26.DEC.2023 16:42:47

LTE Band 66 / 20MHz / 256QAM
Middle Channel / Full RB


Date: 26.DEC.2023 16:43:11

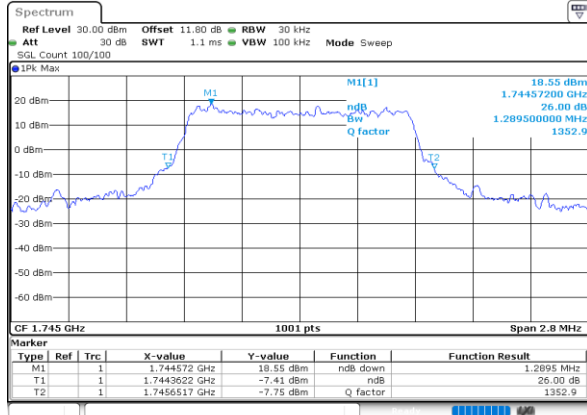
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.28	1.27	3.03	3.01	4.97	4.98	9.99	9.97	14.50	14.53	18.94	19.14
Mode	LTE Band 66 : 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	1.34	1.35	3.05	3.06	5.07	4.97	9.92	9.86	14.50	14.62	19.02	19.10

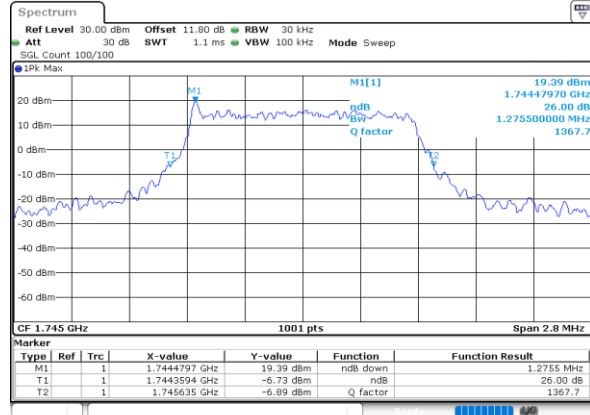


LTE Band 66

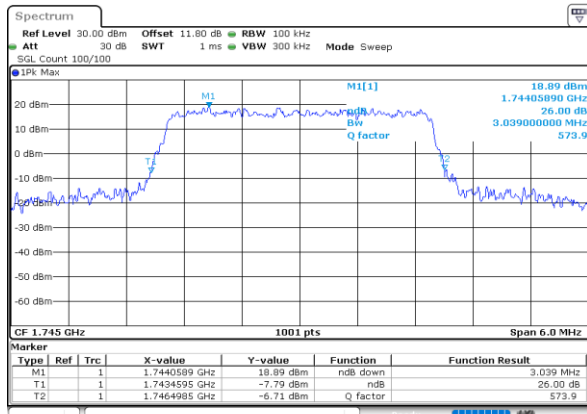
Middle Channel / 1.4MHz / QPSK



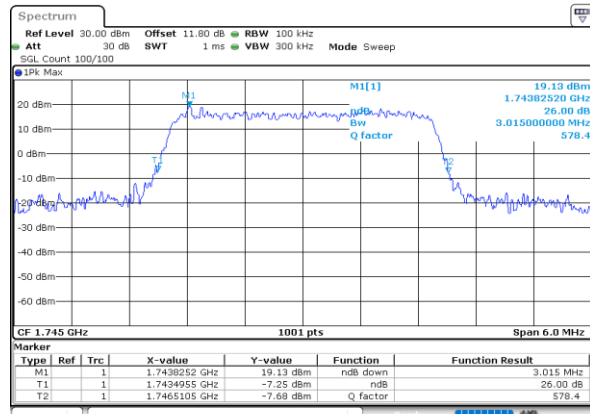
Middle Channel / 1.4MHz / 16QAM



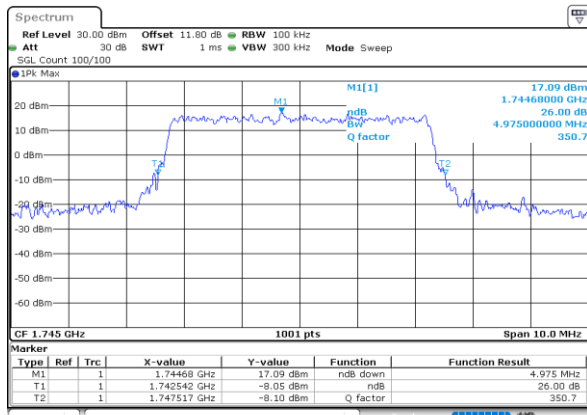
Middle Channel / 3MHz / QPSK



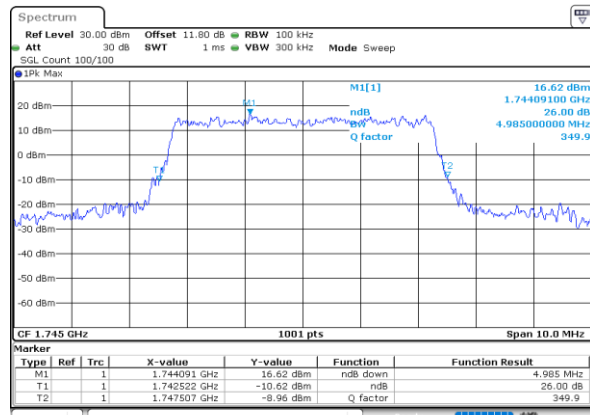
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



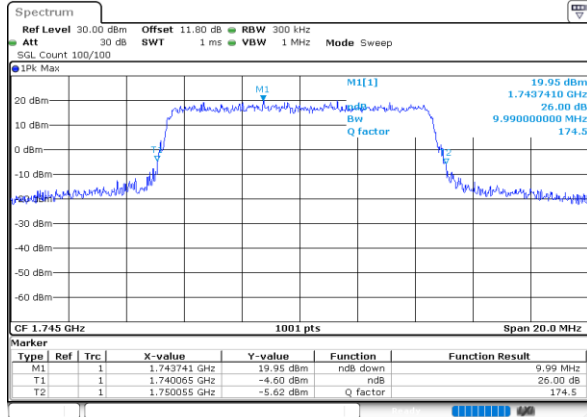
Middle Channel / 5MHz / 16QAM



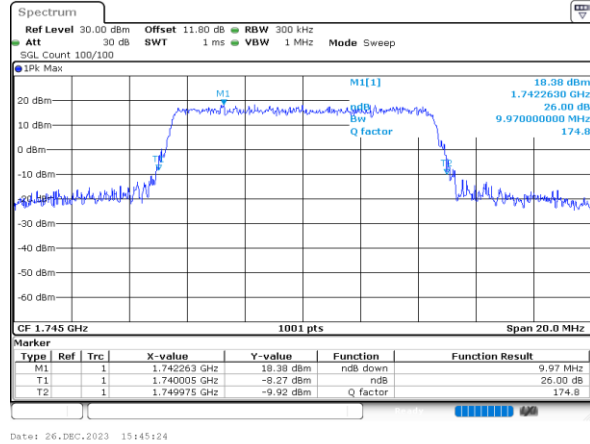


LTE Band 66

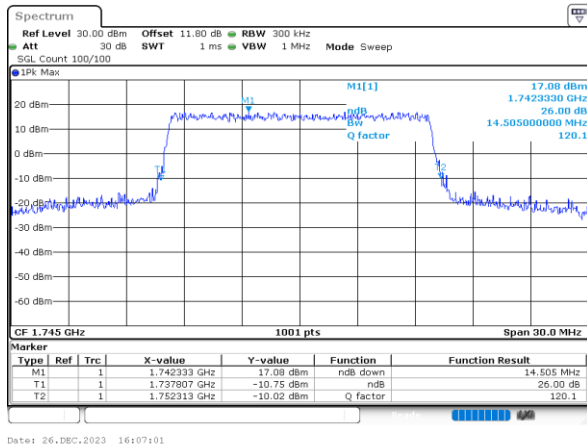
Middle Channel / 10MHz / QPSK



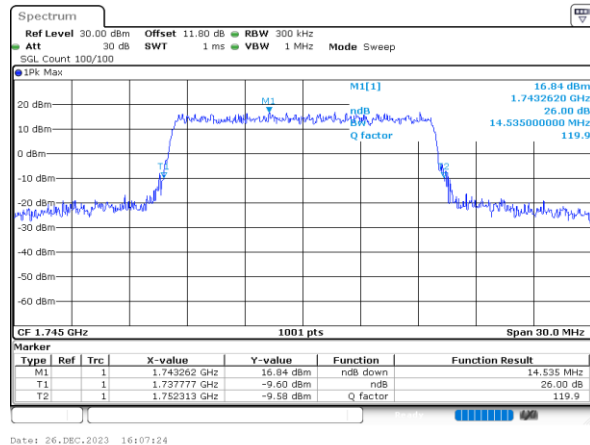
Middle Channel / 10MHz / 16QAM



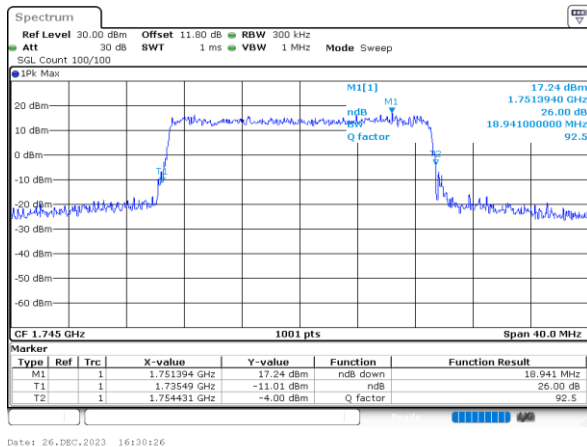
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

