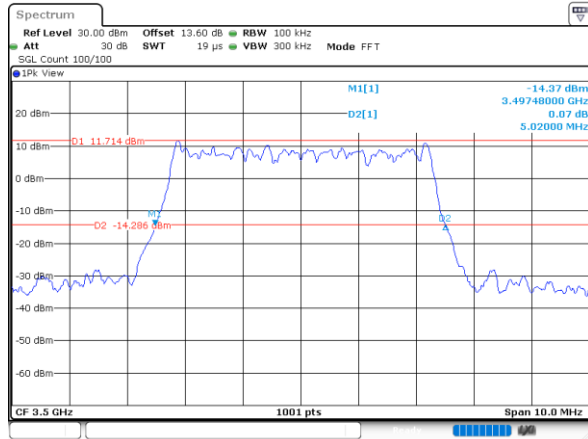


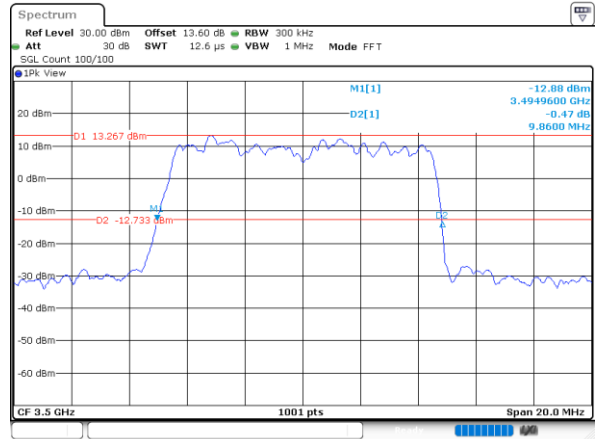


LTE Band 42

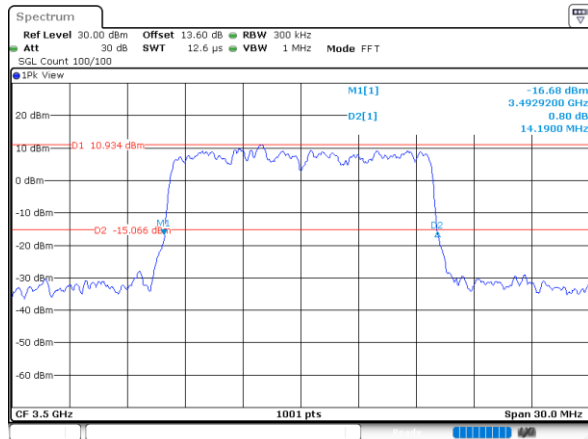
Middle Channel / 5MHz / 256QAM



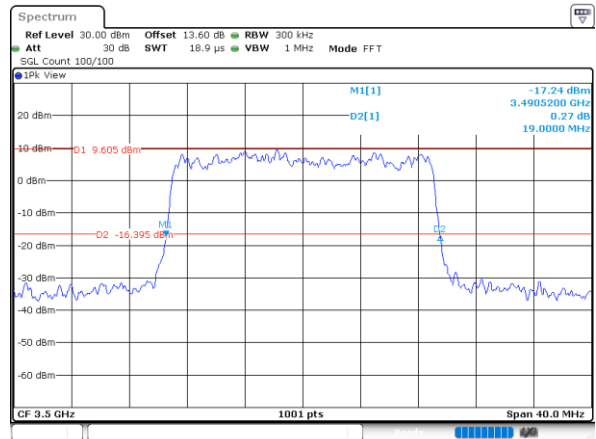
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



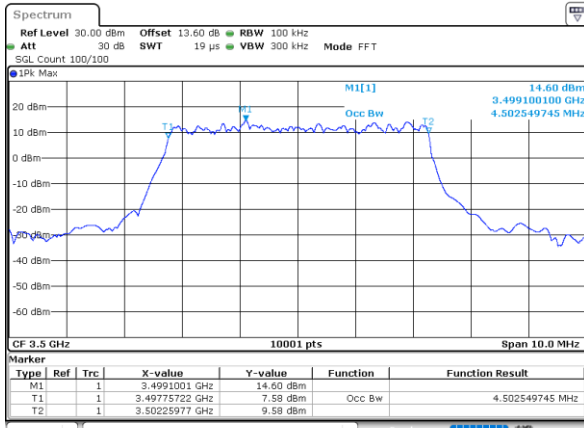
**Occupied Bandwidth**

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	4.48	8.99	8.99	13.41	13.42	17.80	17.94
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	-	-	-	-	4.46	4.49	9.10	9.01	13.47	13.47	17.87	17.79

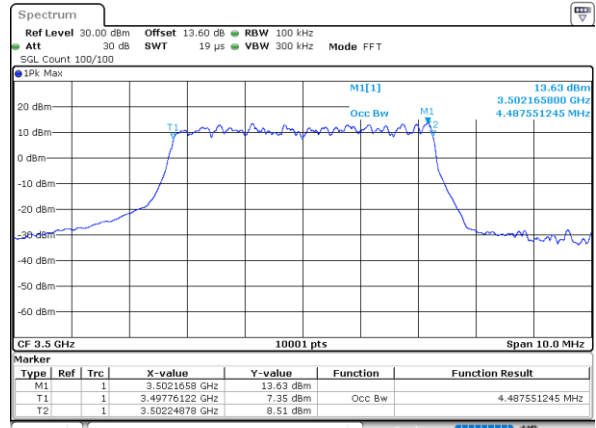


LTE Band 42

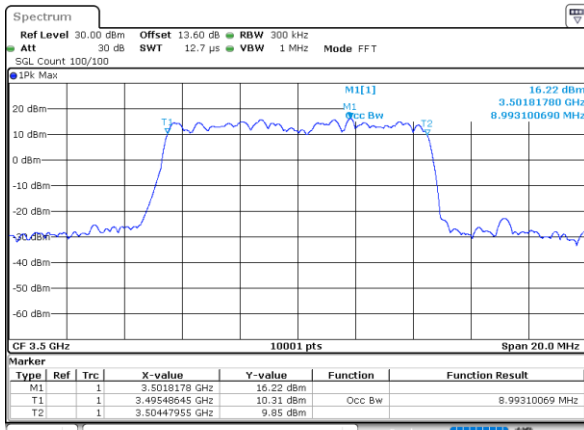
Middle Channel / 5MHz / QPSK



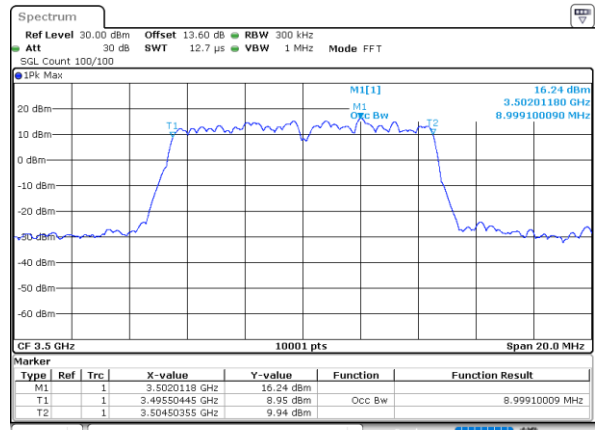
Middle Channel / 5MHz / 16QAM



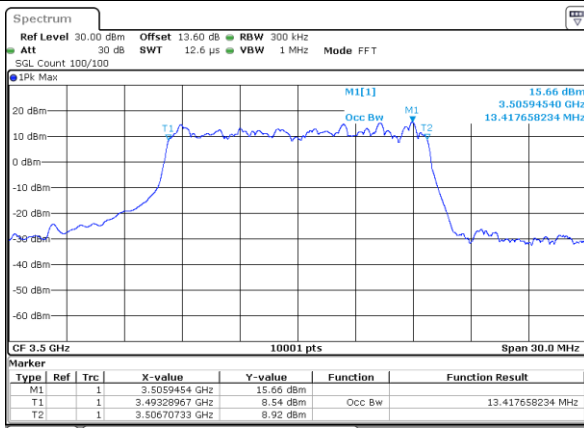
Middle Channel / 10MHz / QPSK



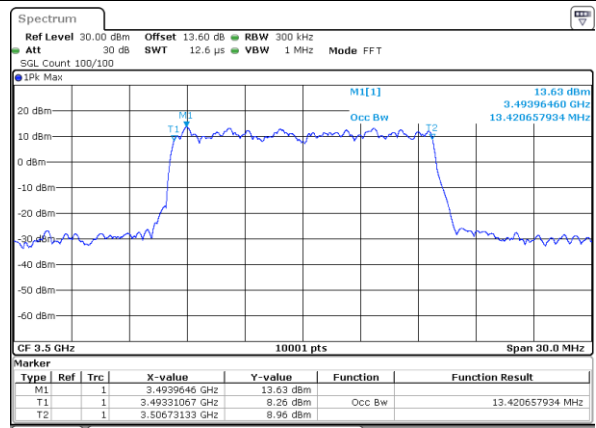
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



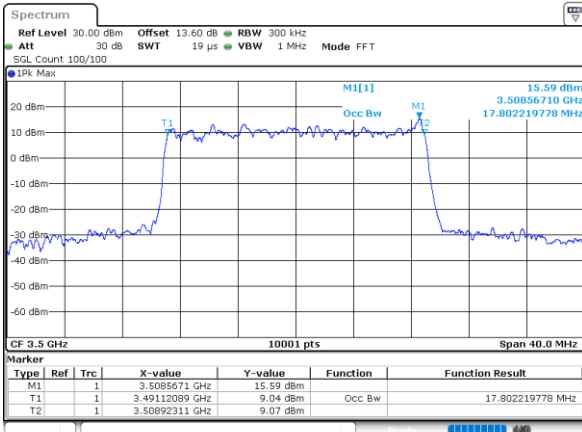
Middle Channel / 15MHz / 16QAM





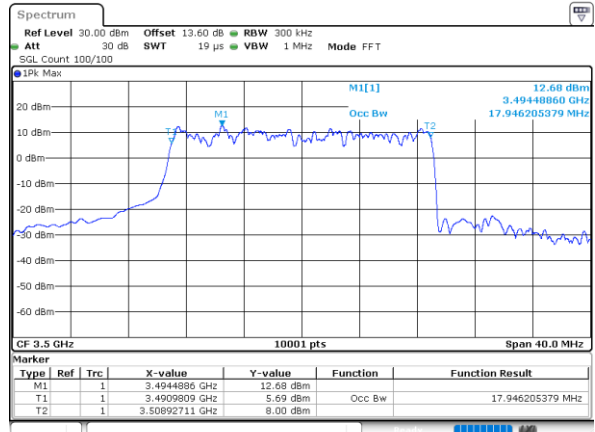
LTE Band 42

Middle Channel / 20MHz / QPSK



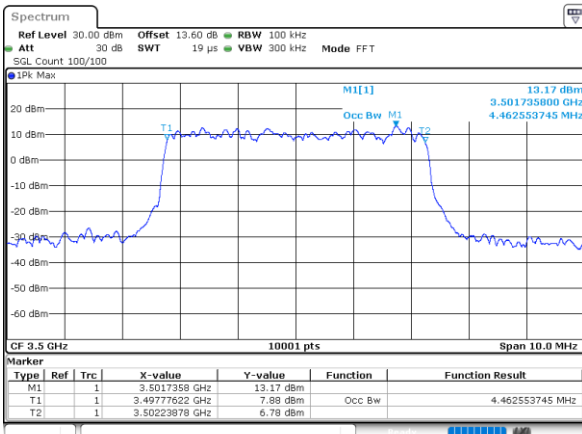
Date: 18.JUN.2025 18:15:27

Middle Channel / 20MHz / 16QAM



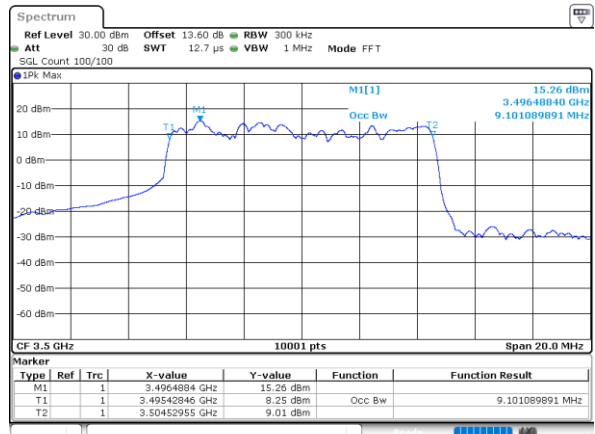
Date: 18.JUN.2025 18:15:50

Middle Channel / 5MHz / 64QAM



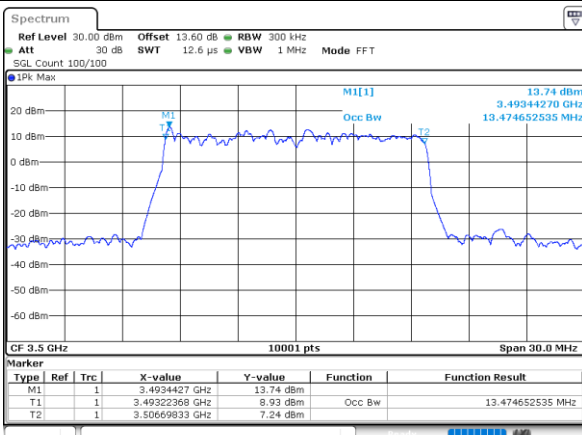
Date: 18.JUN.2025 18:11:39

Middle Channel / 10MHz / 64QAM



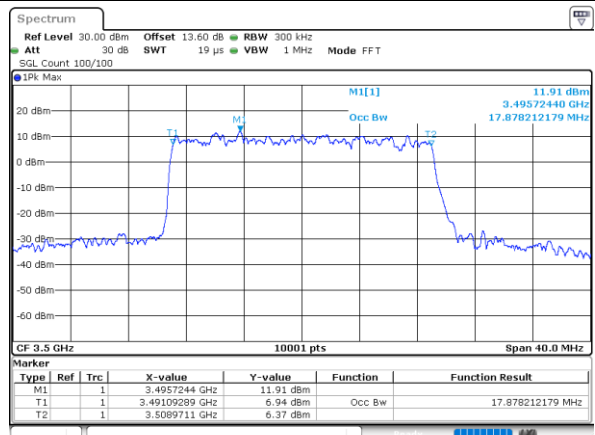
Date: 18.JUN.2025 18:13:10

Middle Channel / 15MHz / 64QAM



Date: 18.JUN.2025 18:14:41

Middle Channel / 20MHz / 64QAM

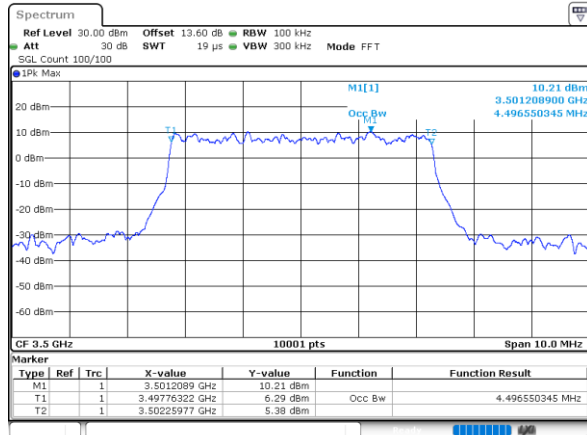


Date: 18.JUN.2025 18:16:12

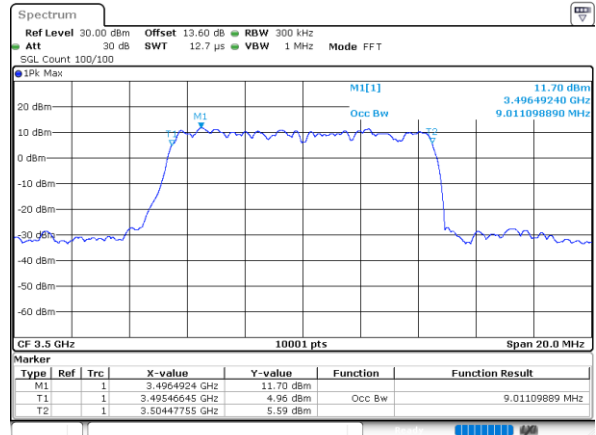


LTE Band 42

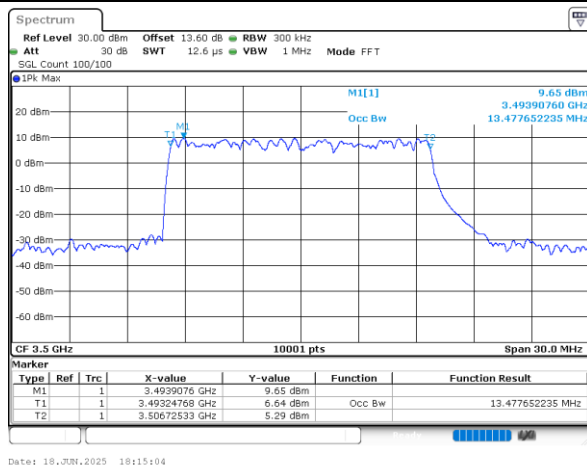
Middle Channel / 5MHz / 256QAM



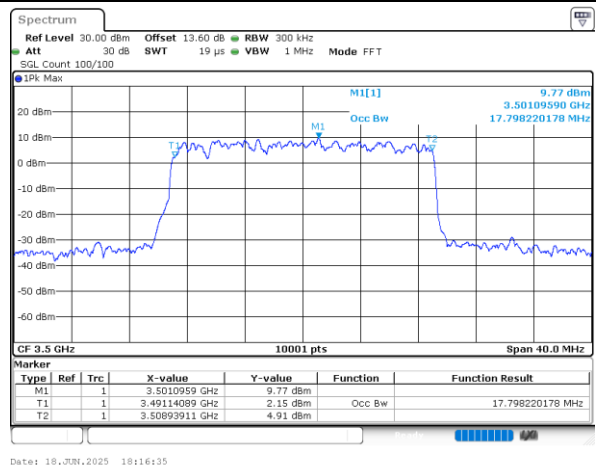
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

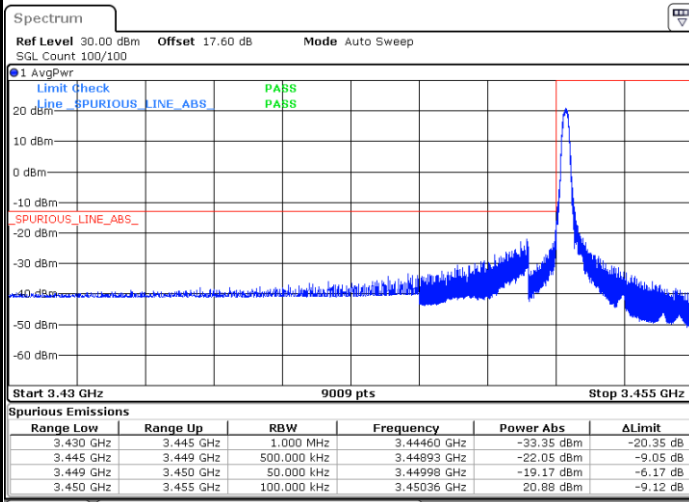




Conducted Band Edge

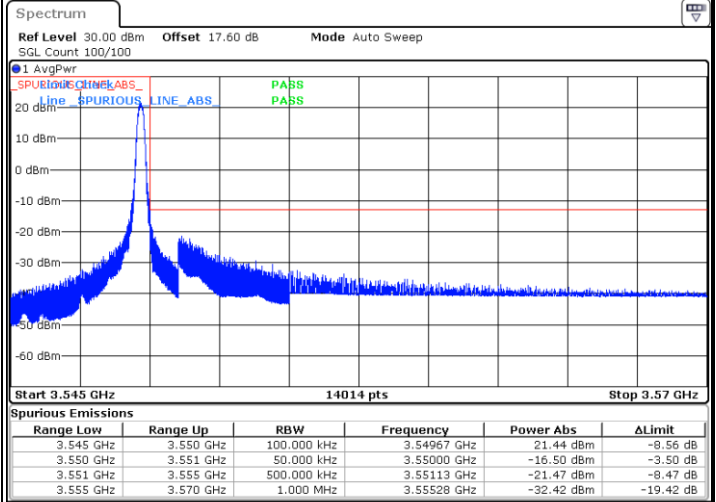
LTE Band 42 / 5MHz / QPSK

Lowest Band Edge / 1 RB



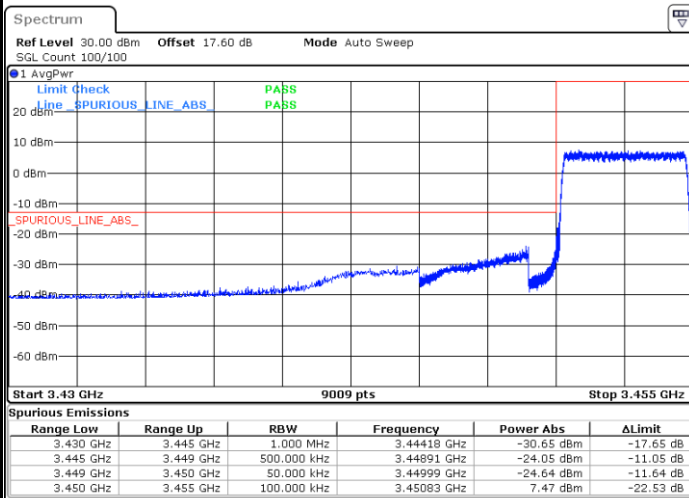
Date: 18.JUN.2025 17:21:41

Highest Band Edge / 1 RB



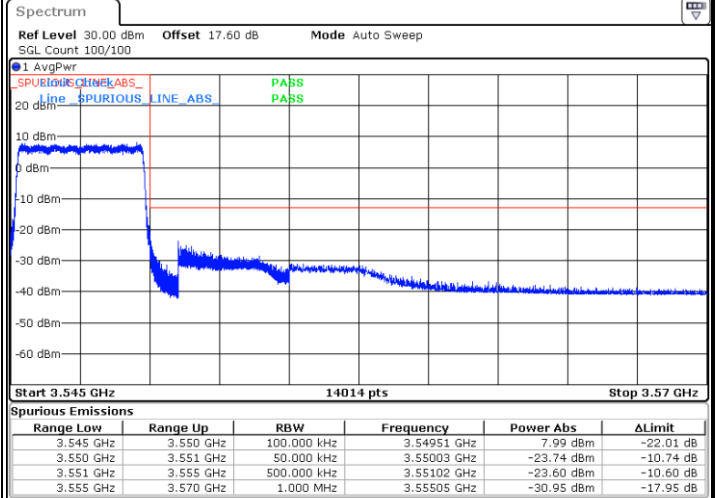
Date: 18.JUN.2025 17:30:06

Lowest Band Edge / Full RB



Date: 18.JUN.2025 17:25:54

Highest Band Edge / Full RB

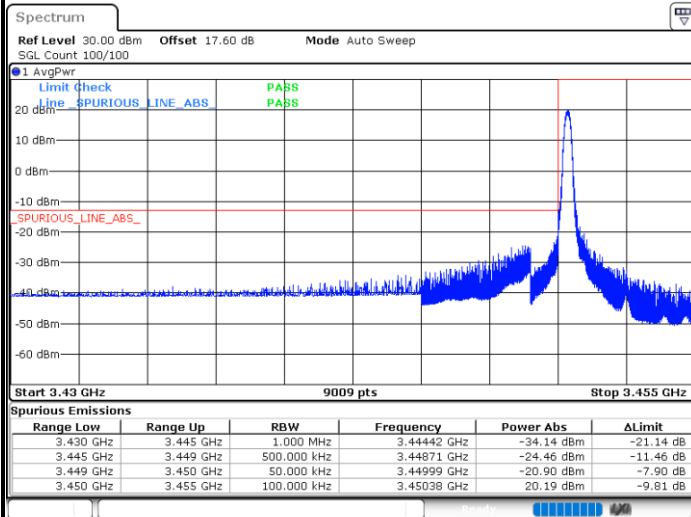


Date: 18.JUN.2025 17:34:19

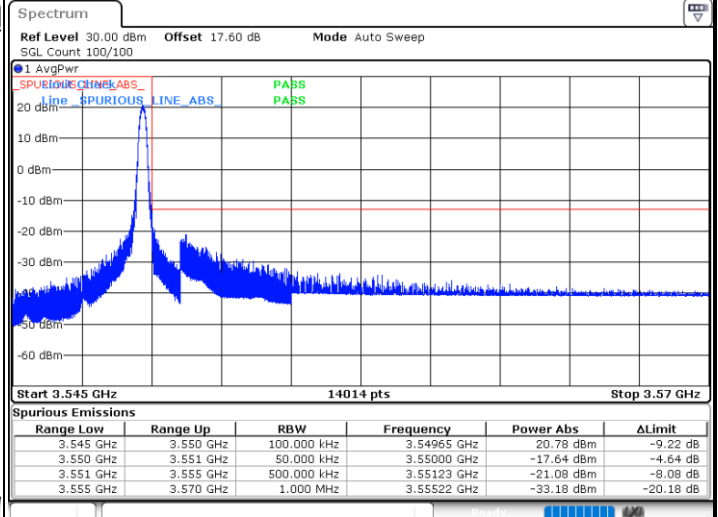


LTE Band 42 / 5MHz / 16QAM

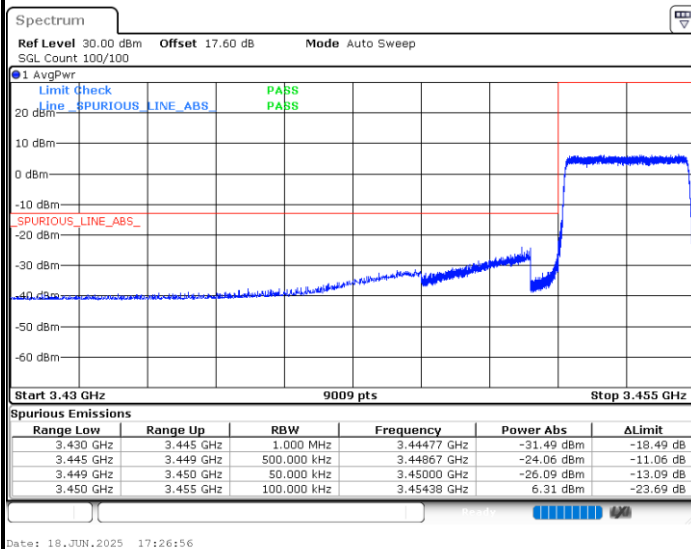
Lowest Band Edge / 1RB



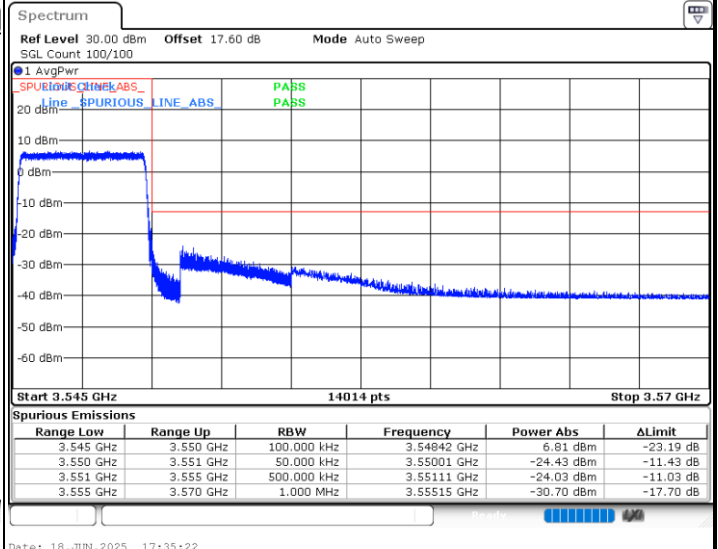
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



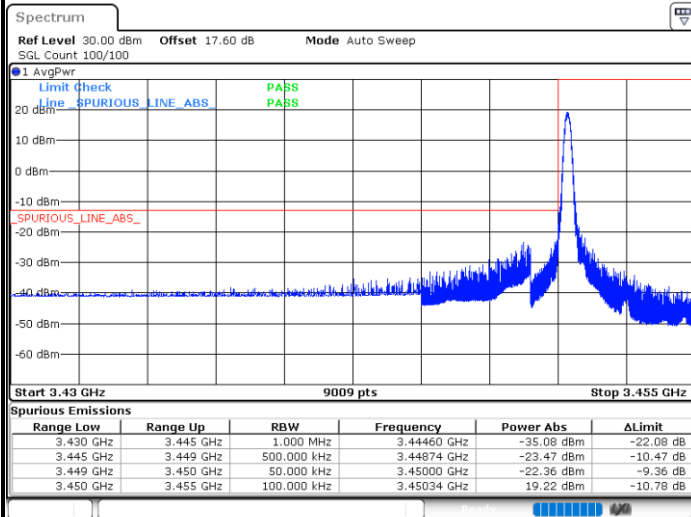
Highest Band Edge / Full RB



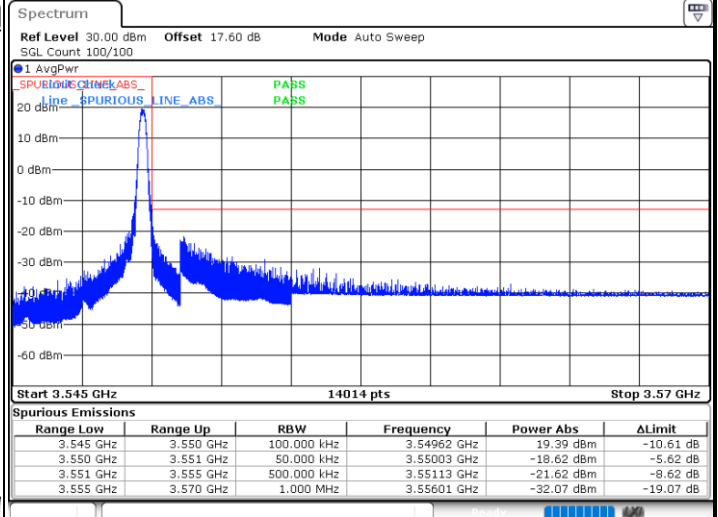


LTE Band 42 / 5MHz / 64QAM

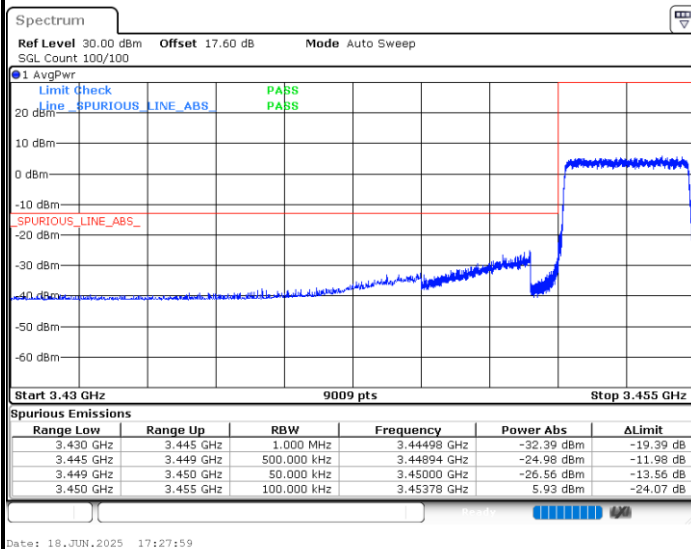
Lowest Band Edge / 1RB



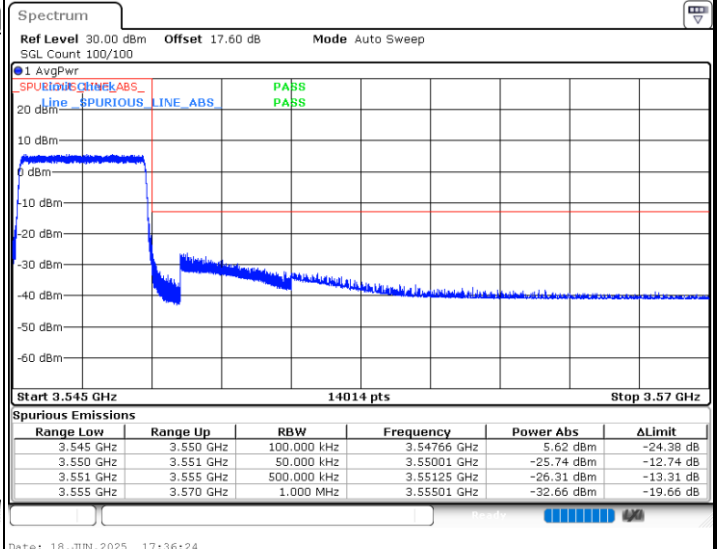
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



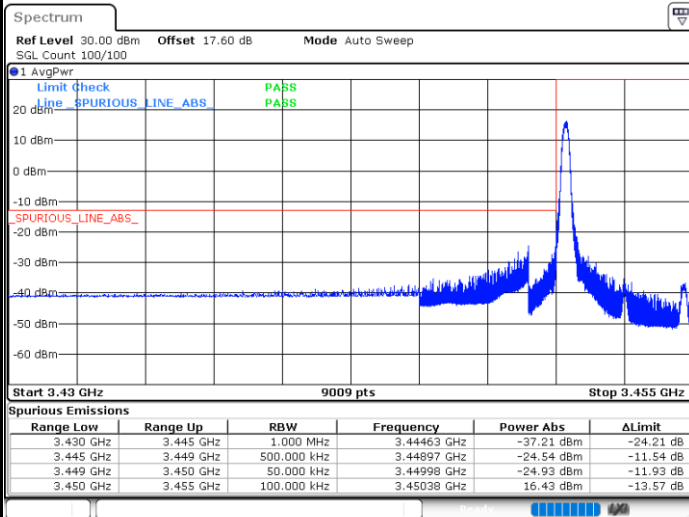
Highest Band Edge / Full RB



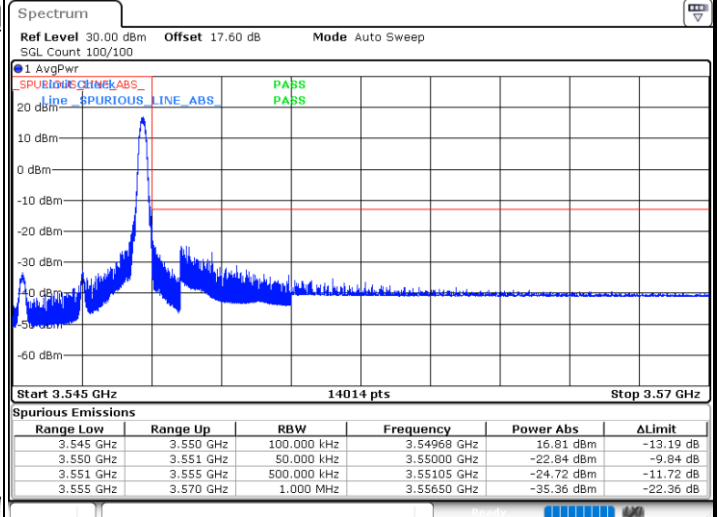


LTE Band 42 / 5MHz / 256QAM

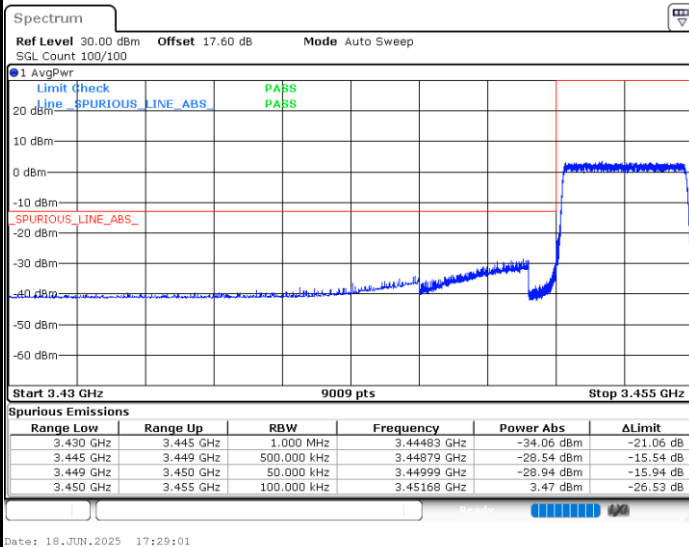
Lowest Band Edge / 1RB



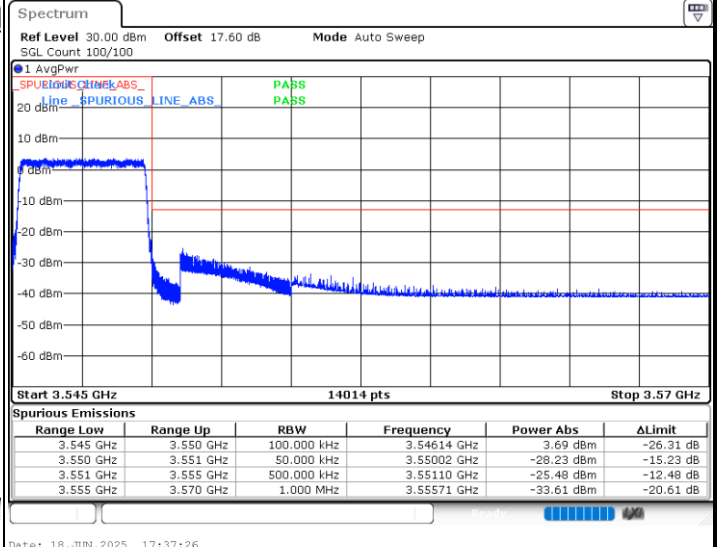
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



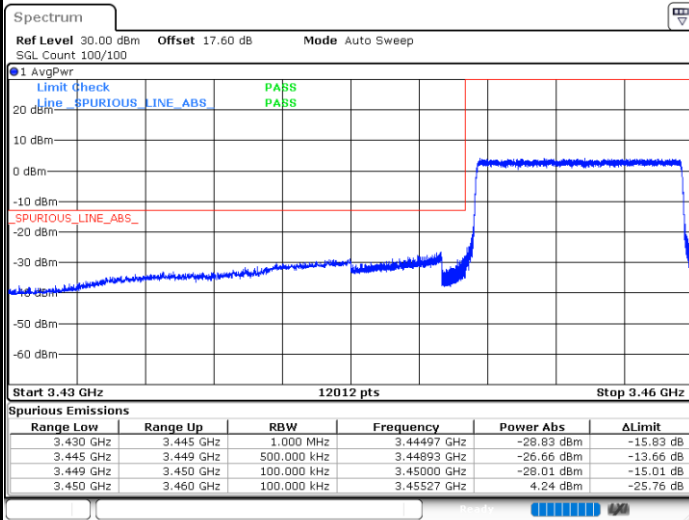
Highest Band Edge / Full RB



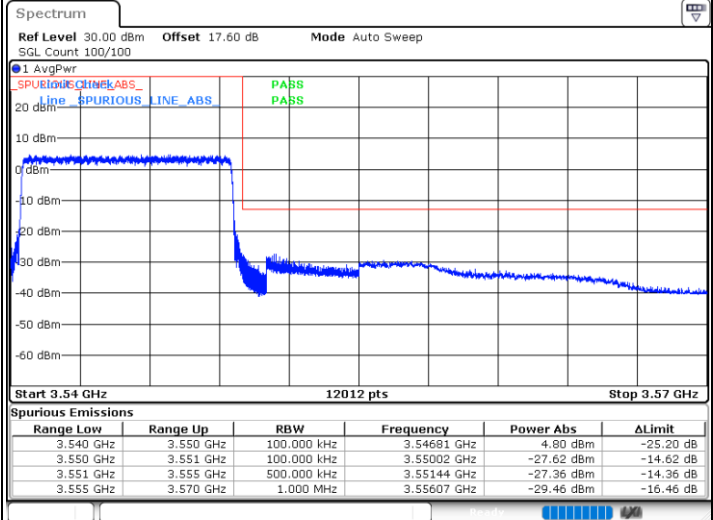


LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / Full RB

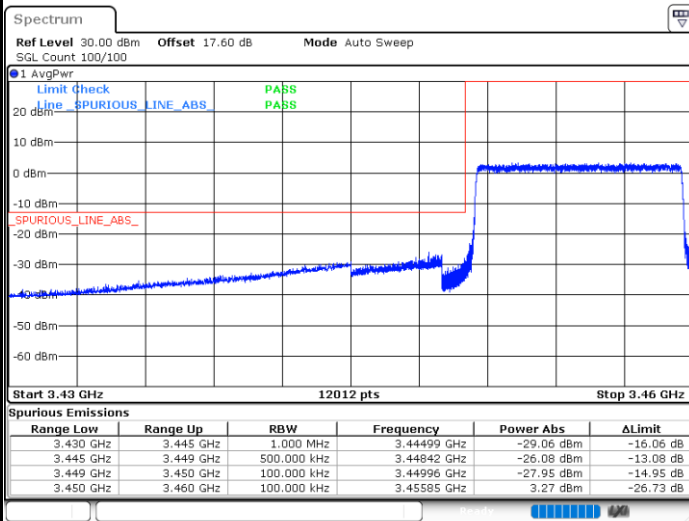


Highest Band Edge / Full RB

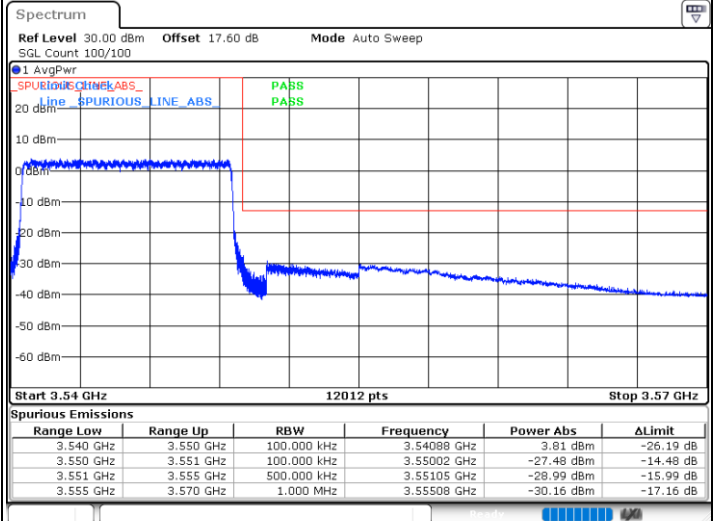


TE Band 42 / 10MHz / 16QAM

Lowest Band Edge / Full RB



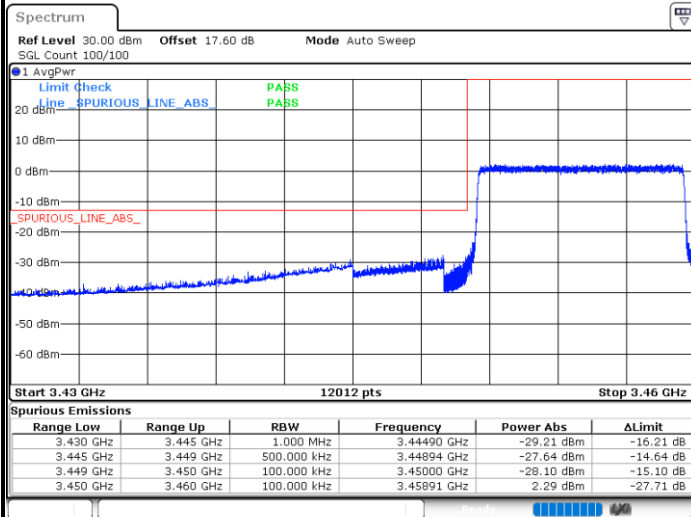
Highest Band Edge / Full RB



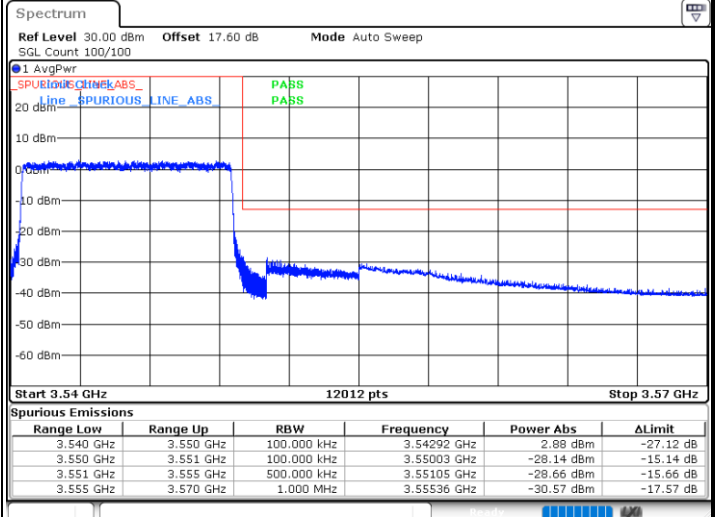


LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / Full RB

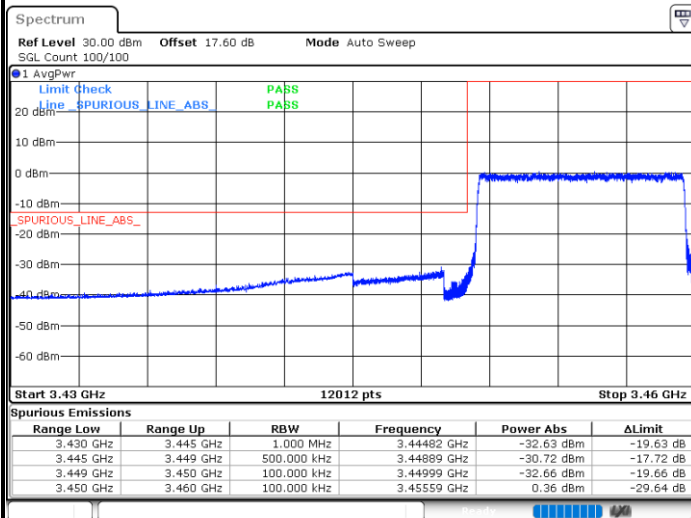


Highest Band Edge / Full RB

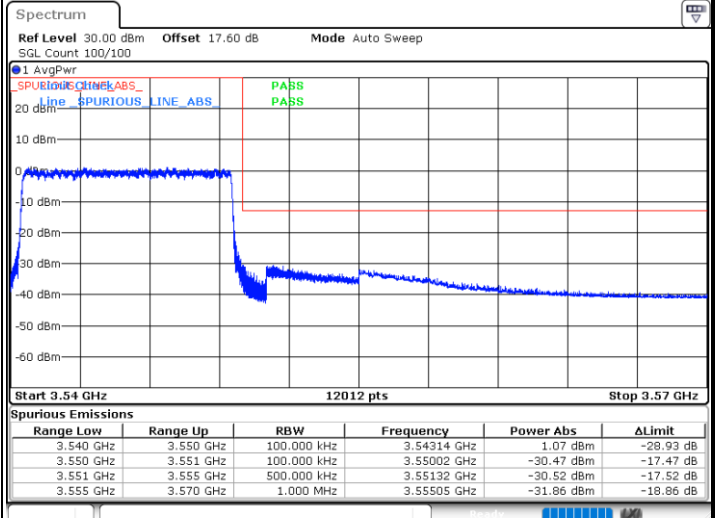


LTE Band 42 / 10MHz / 256QAM

Lowest Band Edge / Full RB



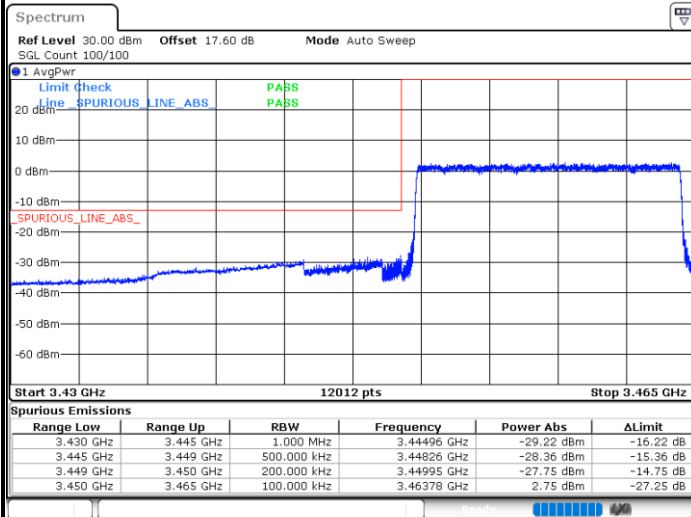
Highest Band Edge / Full RB





LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / Full RB

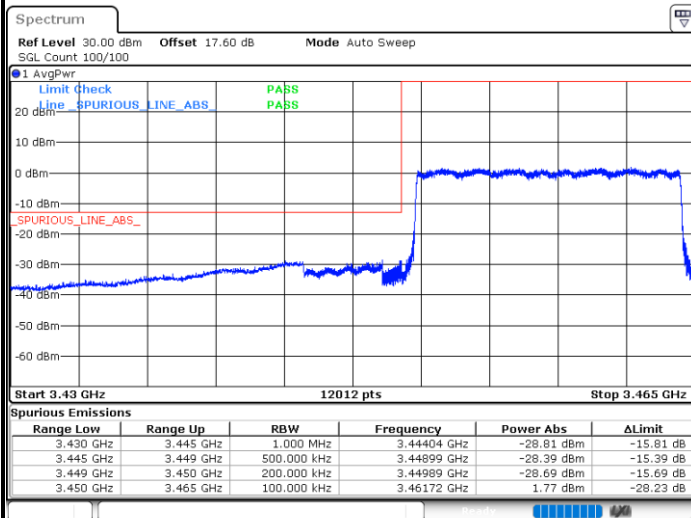


Highest Band Edge / Full RB

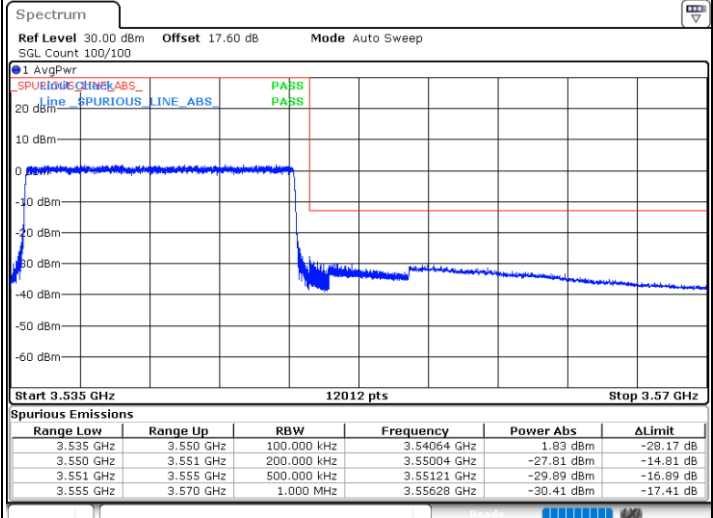


LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / Full RB



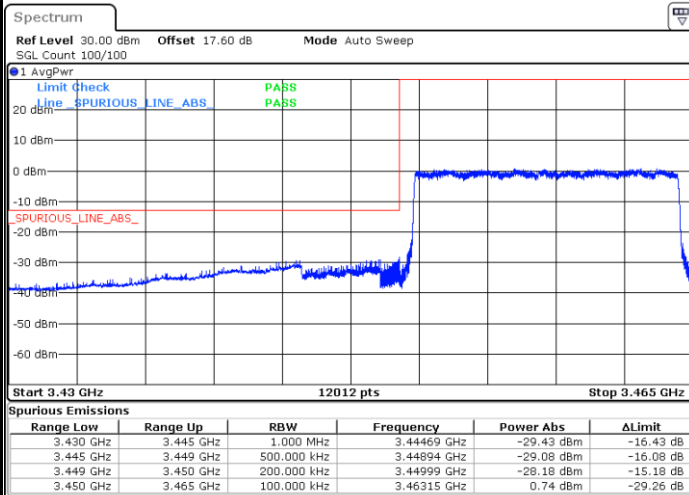
Highest Band Edge / Full RB



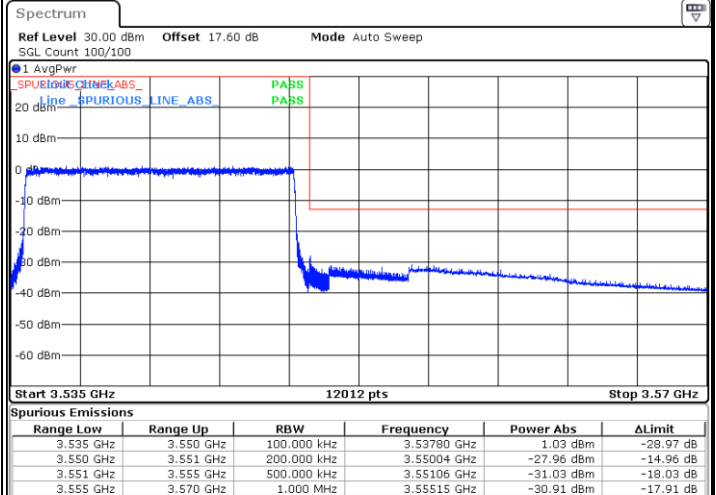


LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / Full RB

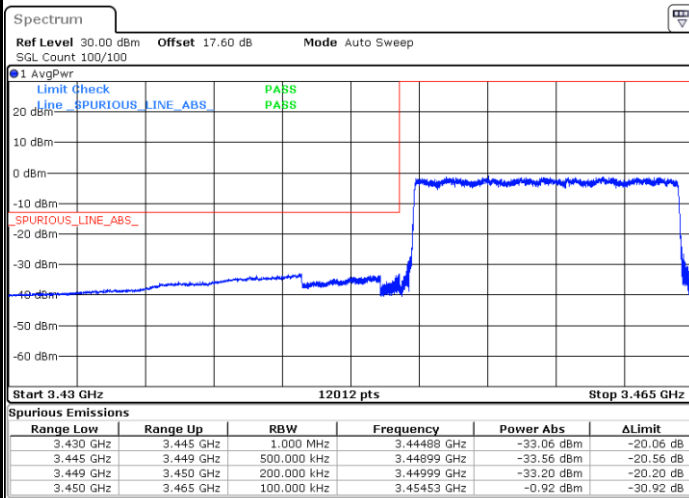


Highest Band Edge / Full RB

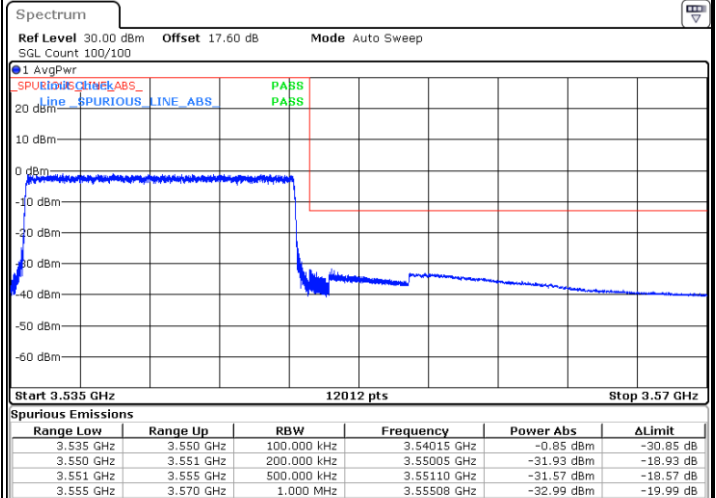


LTE Band 42 / 15MHz / 256QAM

Lowest Band Edge / Full RB



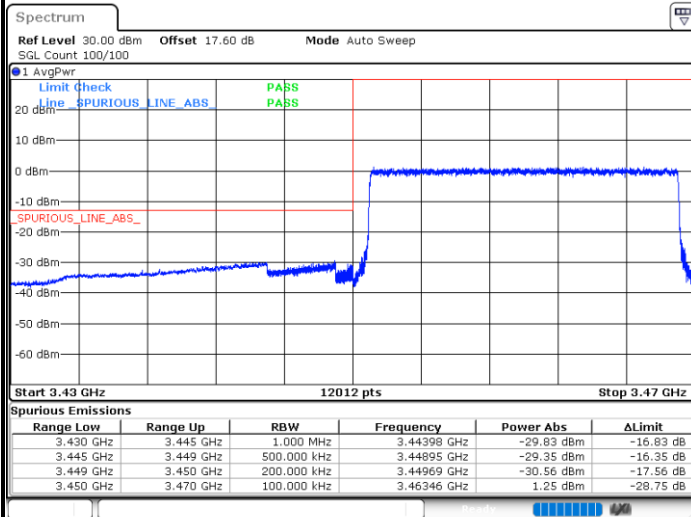
Highest Band Edge / Full RB



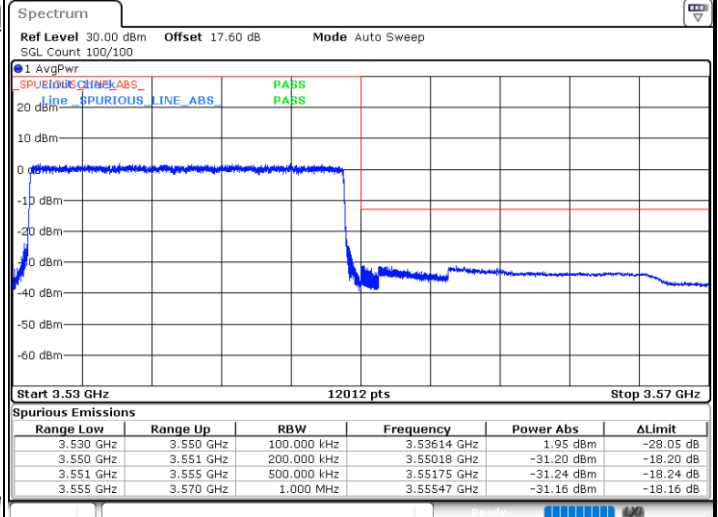


LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / Full RB

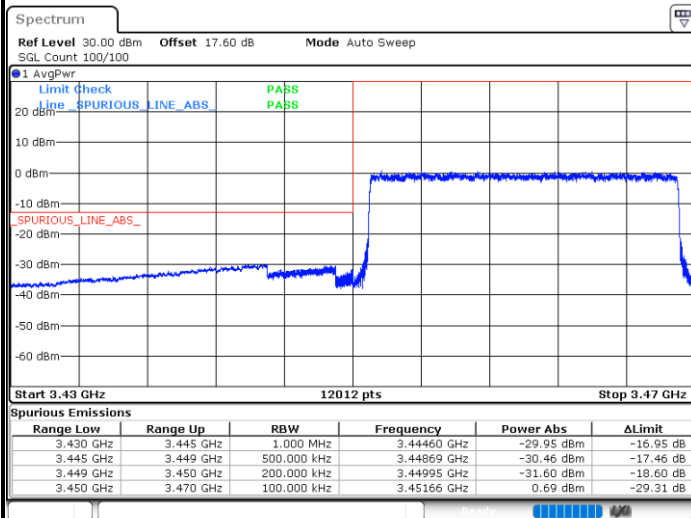


Highest Band Edge / Full RB

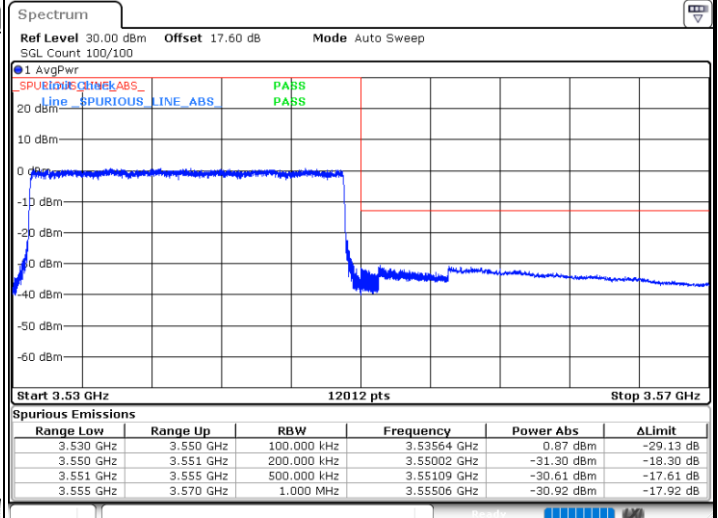


LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / Full RB



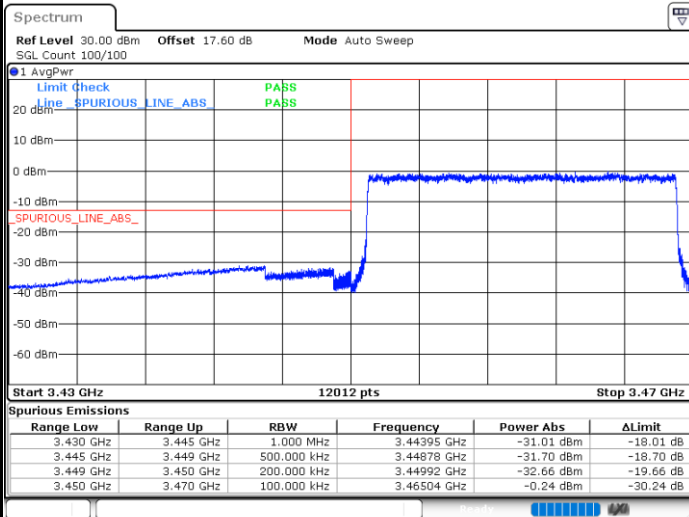
Highest Band Edge / Full RB



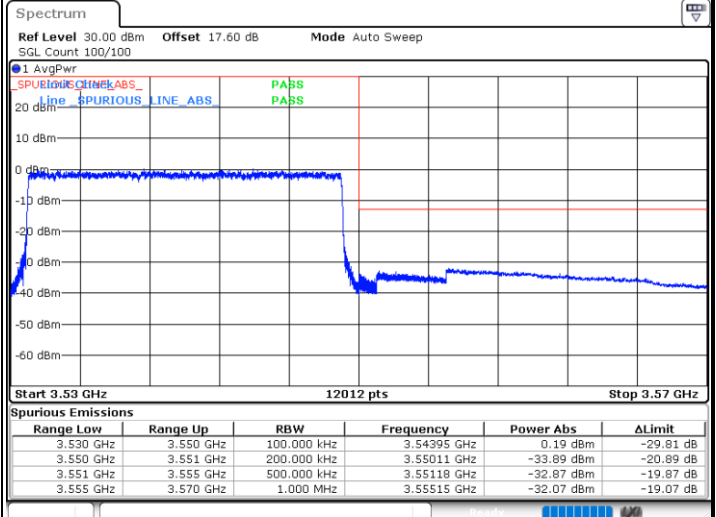


LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / Full RB

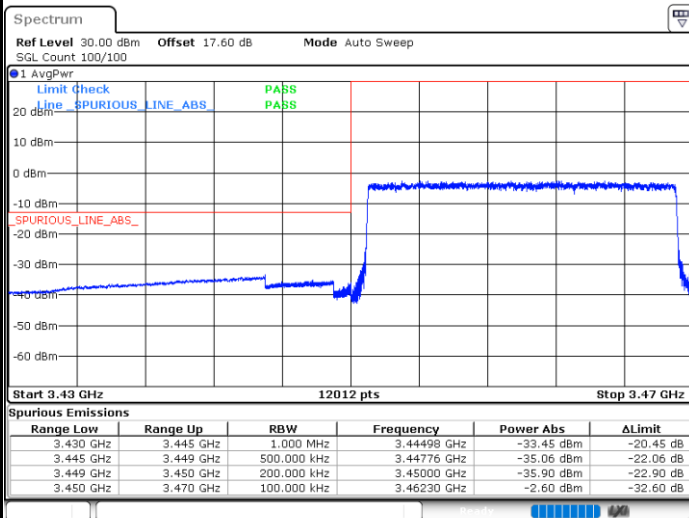


Highest Band Edge / Full RB

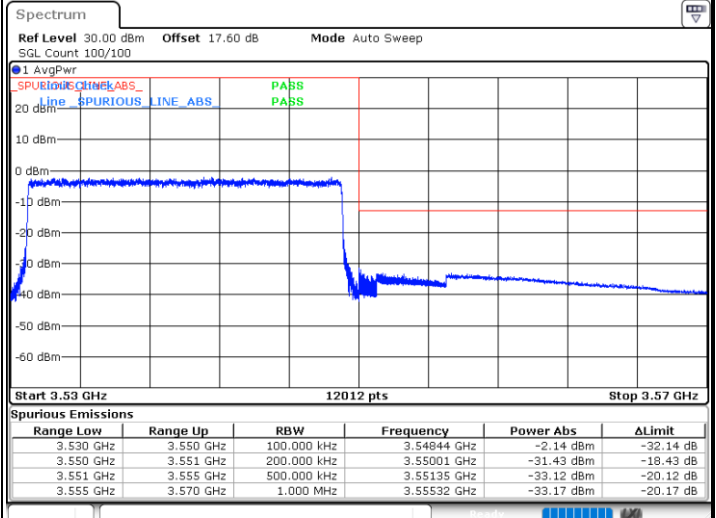


LTE Band 42 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

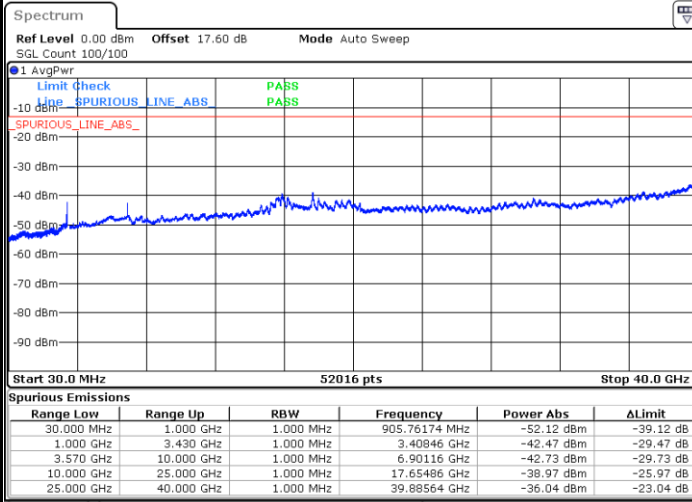




Conducted Spurious Emission

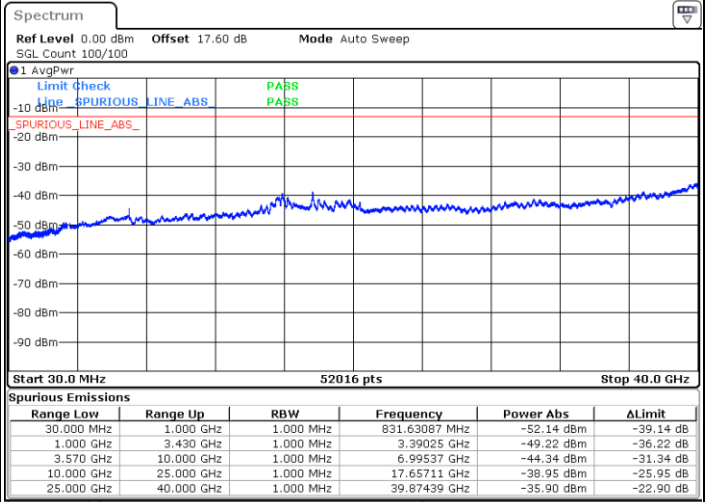
LTE Band 42 / 5MHz

Lowest Channel / QPSK



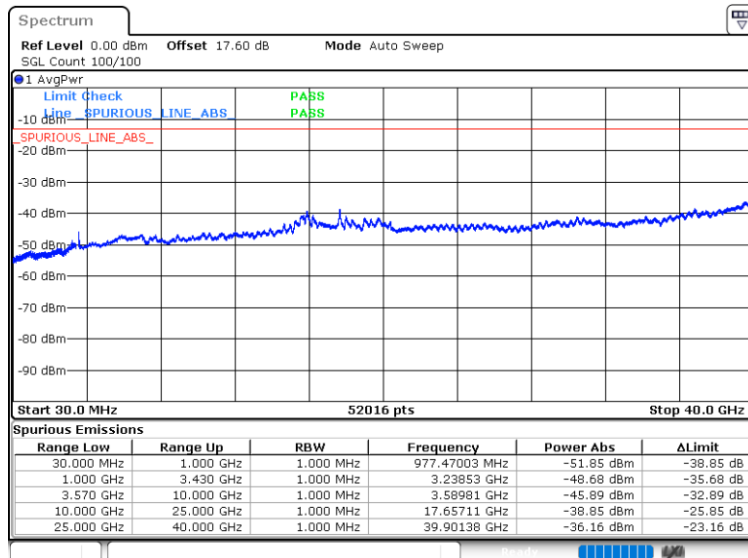
Date: 18.JUN.2025 18:25:38

Middle Channel / QPSK



Date: 18.JUN.2025 18:27:00

Highest Channel / QPSK

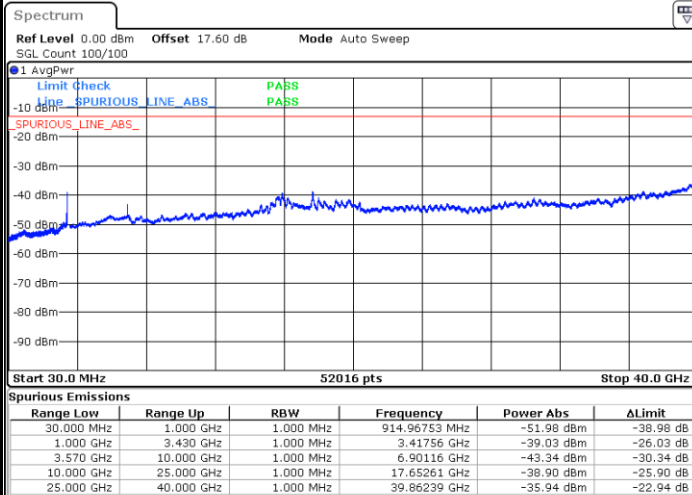


Date: 18.JUN.2025 18:28:23



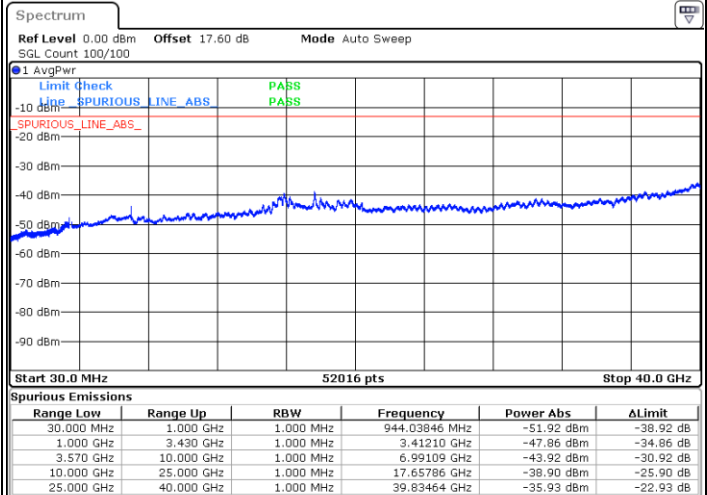
LTE Band 42 / 10MHz

Lowest Channel / QPSK



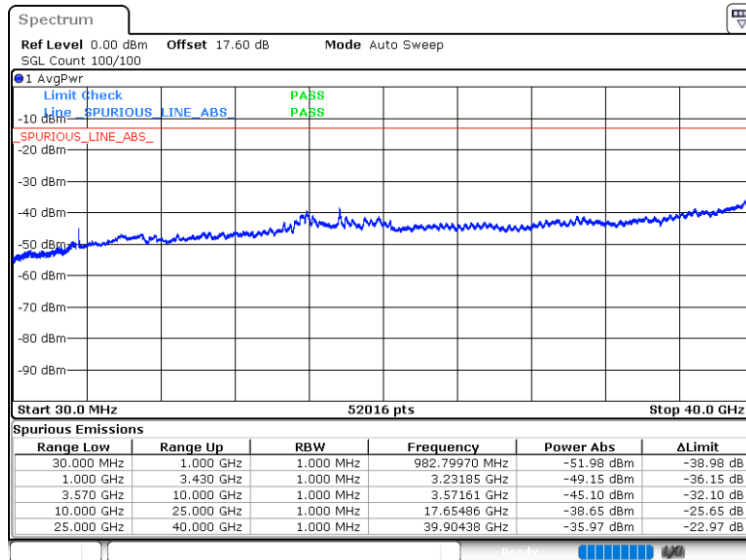
Date: 18.JUN.2025 18:29:46

Middle Channel / QPSK



Date: 18.JUN.2025 18:31:08

Highest Channel / QPSK

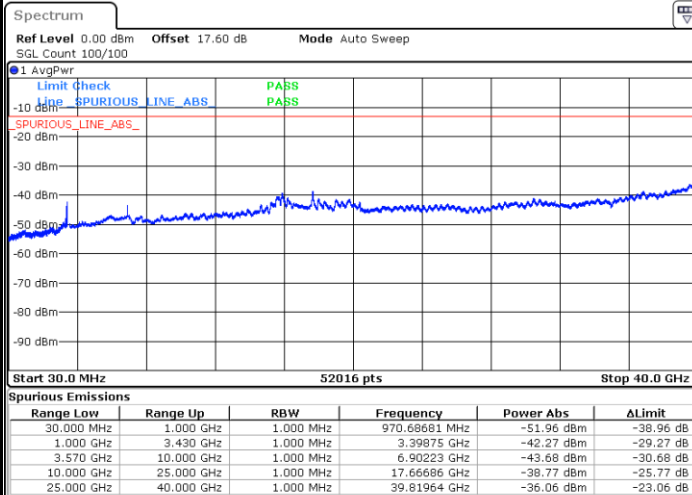


Date: 18.JUN.2025 18:32:31



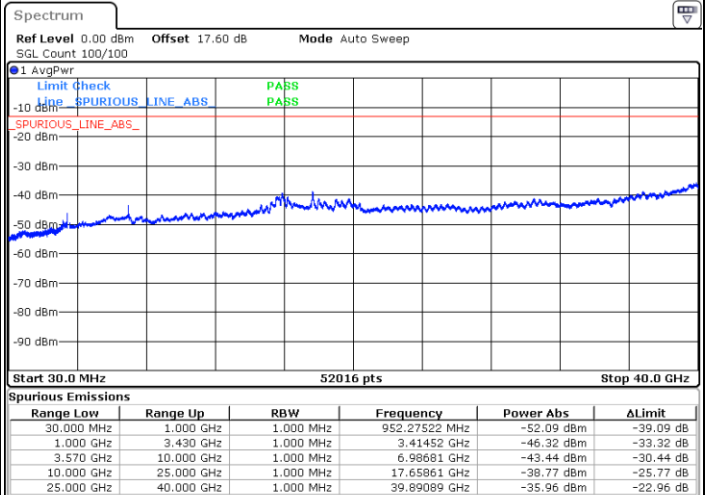
LTE Band 42 / 15MHz

Lowest Channel / QPSK



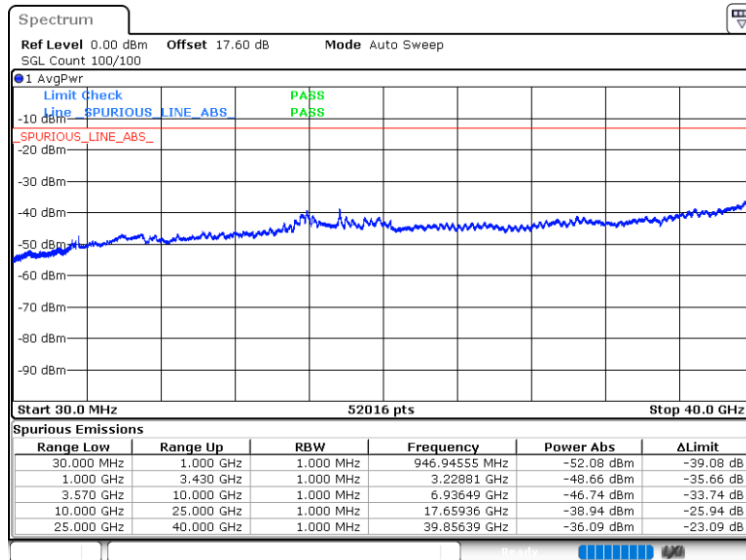
Date: 18.JUN.2025 18:33:54

Middle Channel / QPSK



Date: 18.JUN.2025 18:35:16

Highest Channel / QPSK

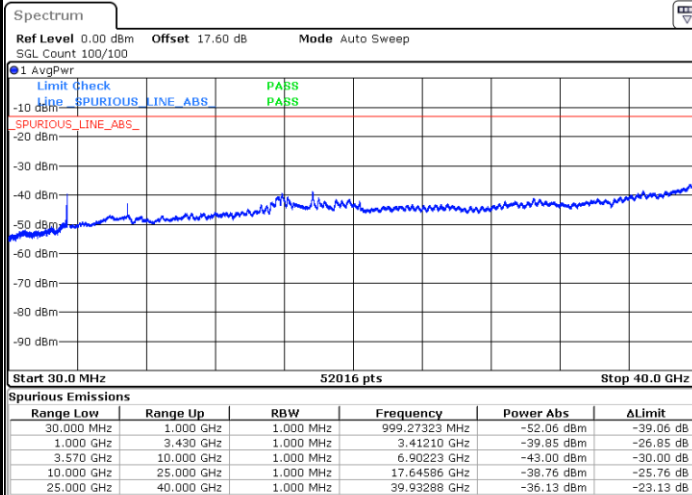


Date: 18.JUN.2025 18:36:39



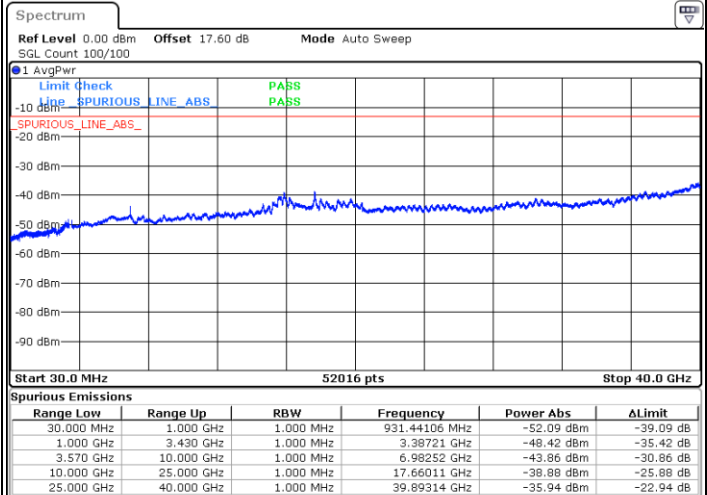
LTE Band 42 / 20MHz

Lowest Channel / QPSK



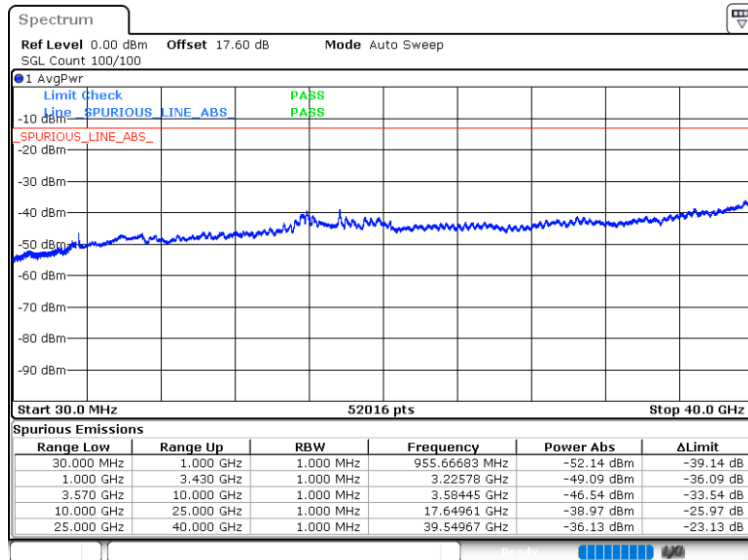
Date: 18.JUN.2025 18:38:02

Middle Channel / QPSK



Date: 18.JUN.2025 18:39:25

Highest Channel / QPSK



Date: 18.JUN.2025 18:40:47

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	0.0030	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0021	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 43

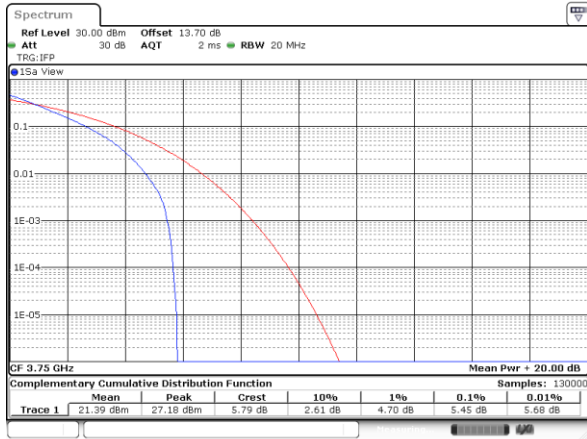
Peak-to-Average Ratio

Mode	LTE Band 43 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.45	6.46	6.81	6.81	PASS



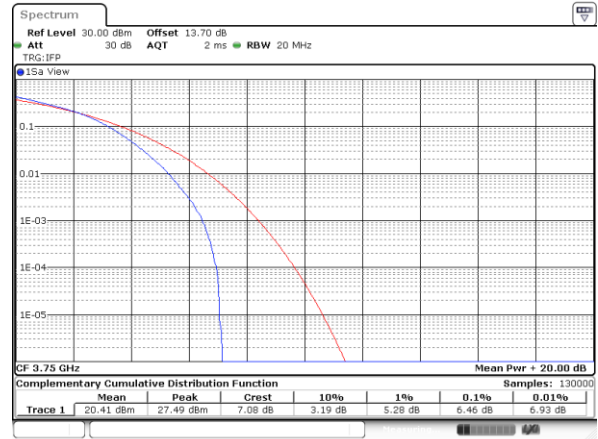
LTE Band 43 / 20MHz / QPSK

Middle Channel / Full RB



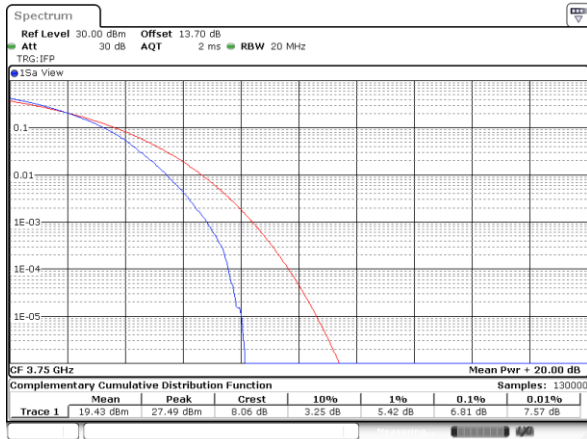
LTE Band 43 / 20MHz / 16QAM

Middle Channel / Full RB



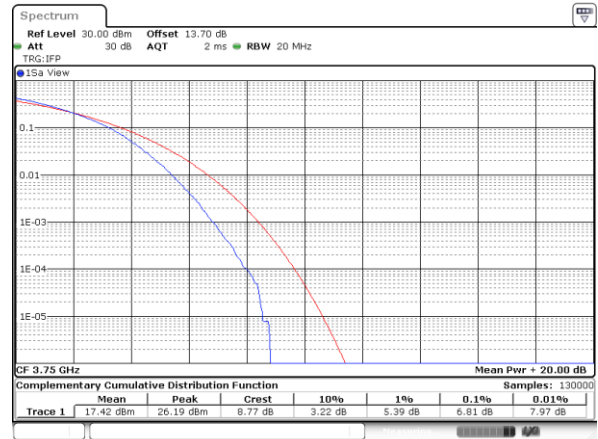
LTE Band 43 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 43 / 20MHz / 256QAM

Middle Channel / Full RB



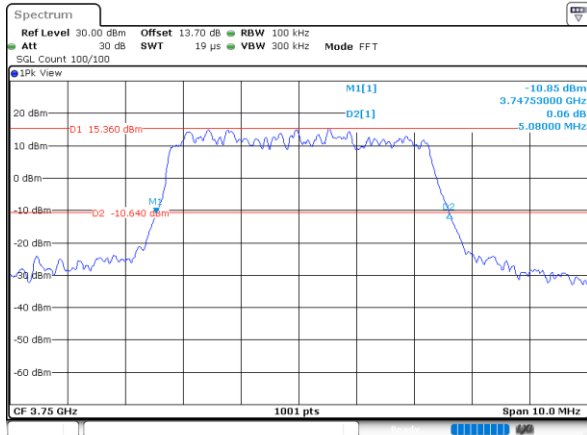
**26dB Bandwidth**

Mode	LTE Band 43 : 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	-	-	-	-	5.08	4.98	9.82	10.06	14.40	14.25	19.08	19.20
Mode	LTE Band 43 : 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	-	-	-	-	5.04	5.02	9.86	9.74	14.19	14.61	19.00	18.96



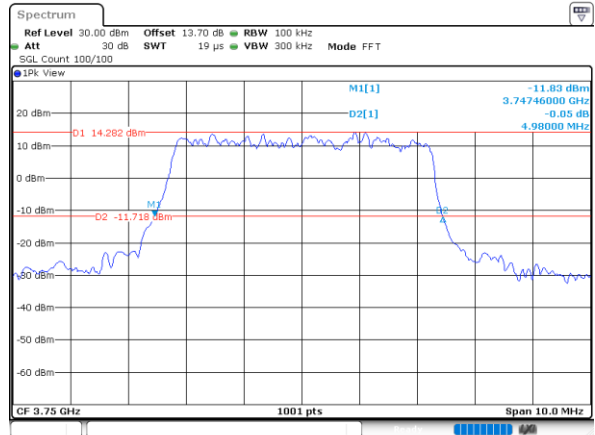
LTE Band 43

Middle Channel / 5MHz / QPSK



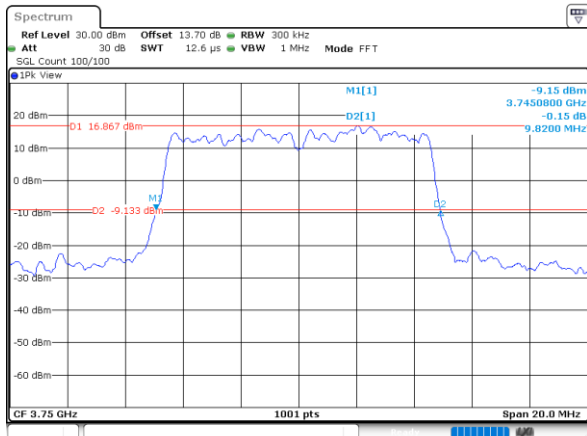
Date: 18 JUN 2025 22:48:39

Middle Channel / 5MHz / 16QAM



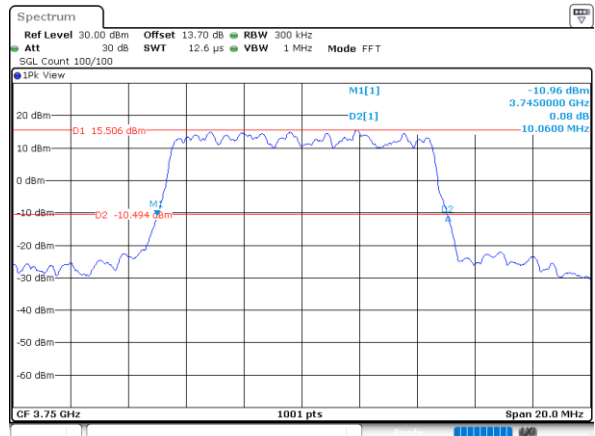
Date: 18 JUN 2025 22:49:07

Middle Channel / 10MHz / QPSK



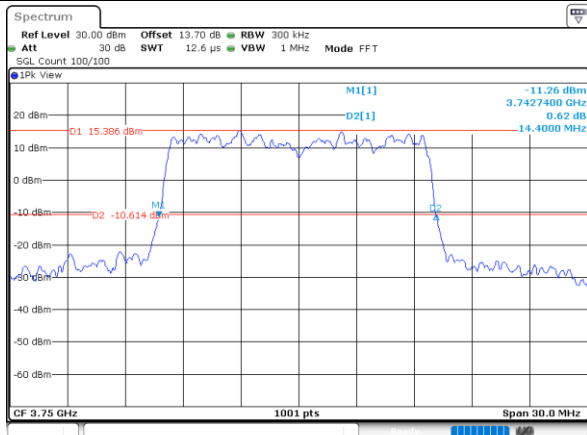
Date: 18 JUN 2025 22:50:37

Middle Channel / 10MHz / 16QAM



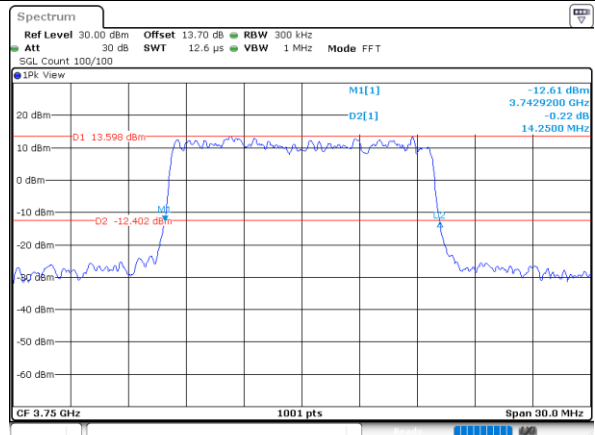
Date: 18 JUN 2025 22:51:06

Middle Channel / 15MHz / QPSK



Date: 18 JUN 2025 22:52:37

Middle Channel / 15MHz / 16QAM

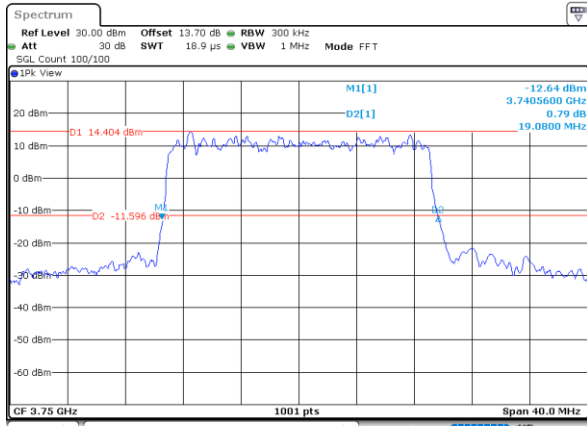


Date: 18 JUN 2025 22:53:05

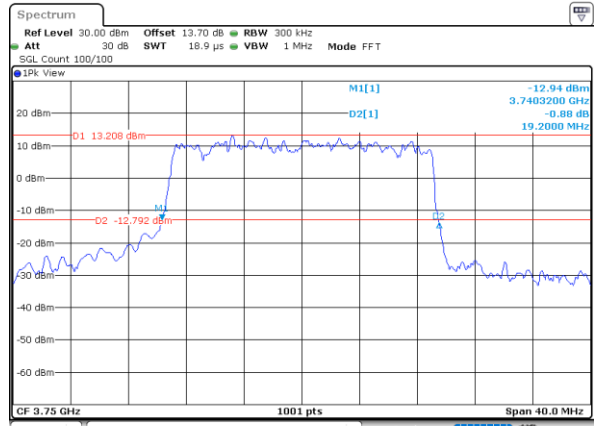


LTE Band 43

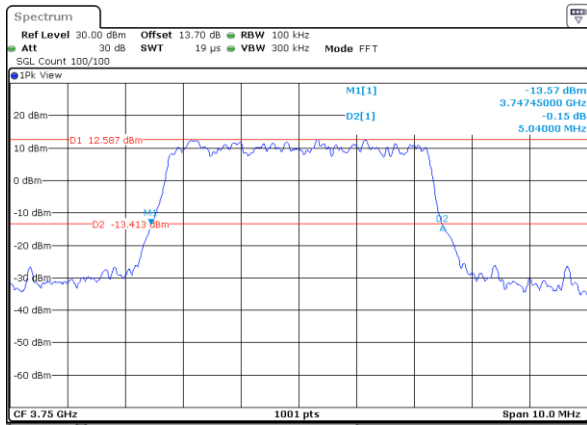
Middle Channel / 20MHz / QPSK



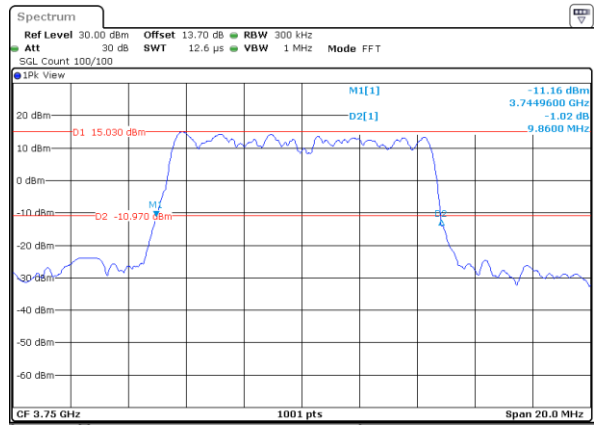
Middle Channel / 20MHz / 16QAM



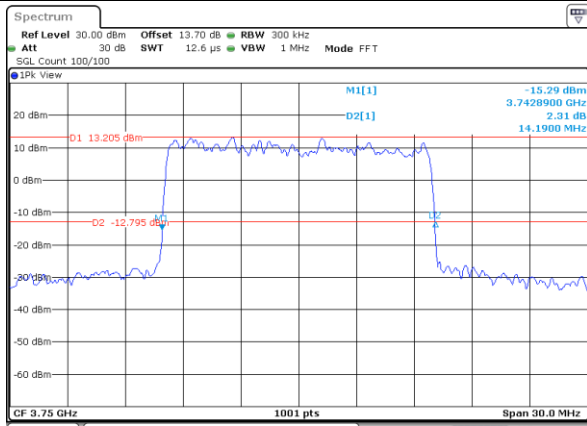
Middle Channel / 5MHz / 64QAM



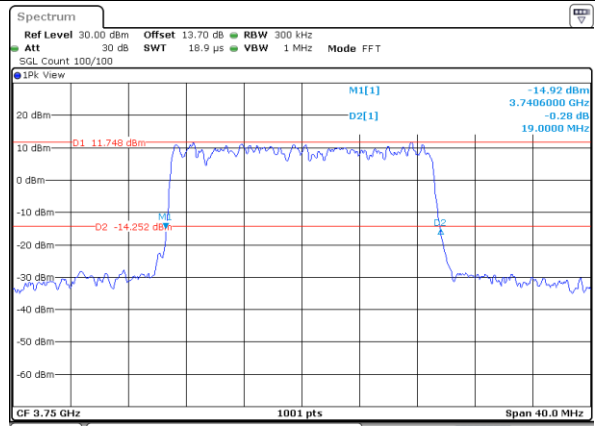
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



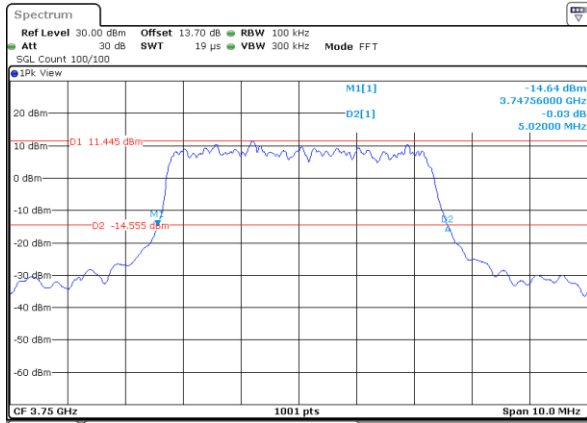
Middle Channel / 20MHz / 64QAM



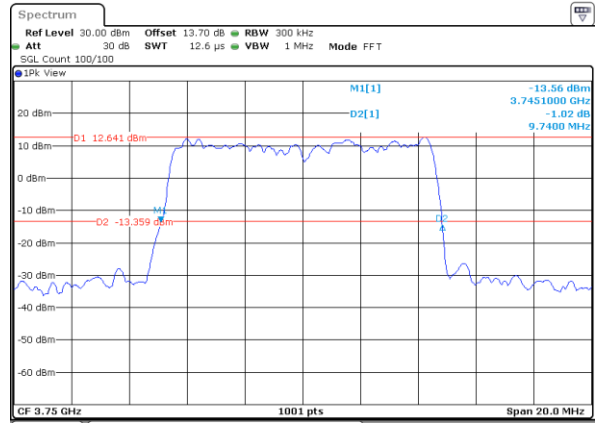


LTE Band 43

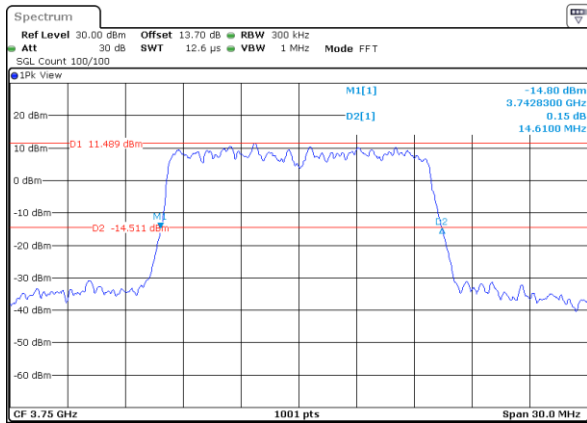
Middle Channel / 5MHz / 256QAM



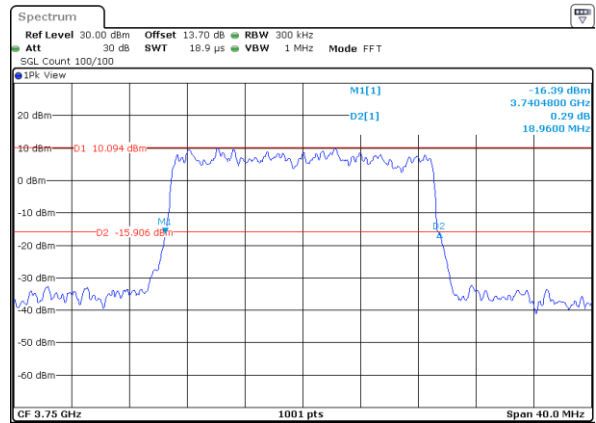
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



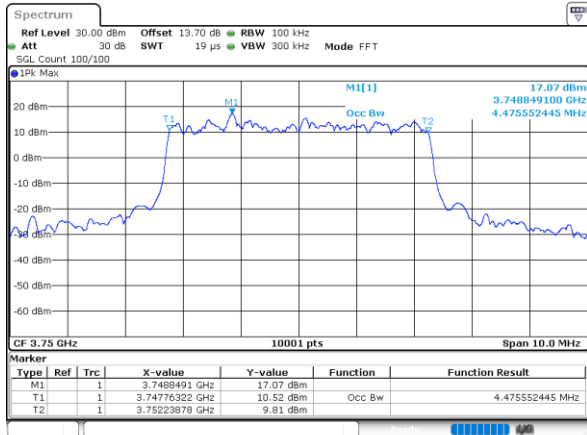
**Occupied Bandwidth**

Mode	LTE Band 43 : 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	-	-	-	-	4.47	4.47	9.01	9.00	13.50	13.54	17.85	17.89
Mode	LTE Band 43 : 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	9.12	9.06	13.57	13.49	17.88	17.90



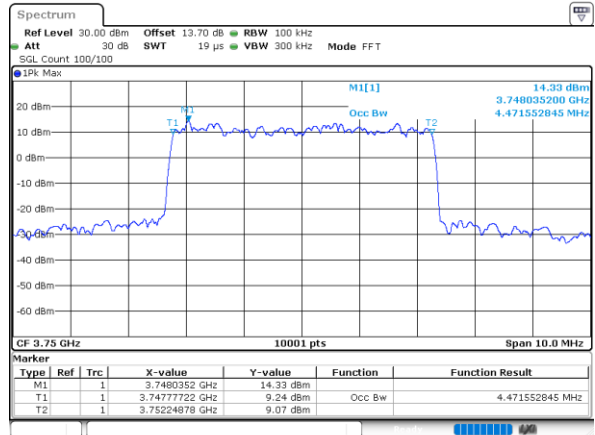
LTE Band 43

Middle Channel / 5MHz / QPSK



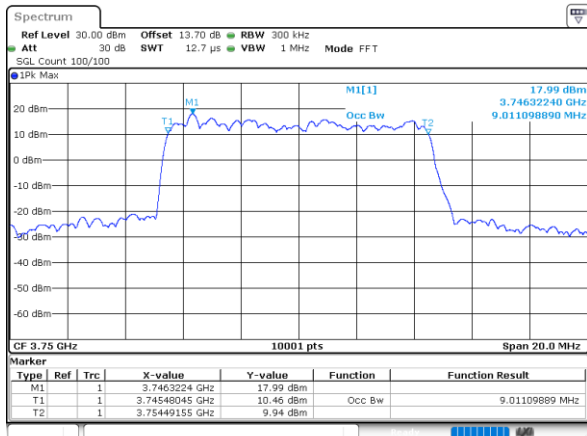
Date: 18_JUN,2025 22:40:43

Middle Channel / 5MHz / 16QAM



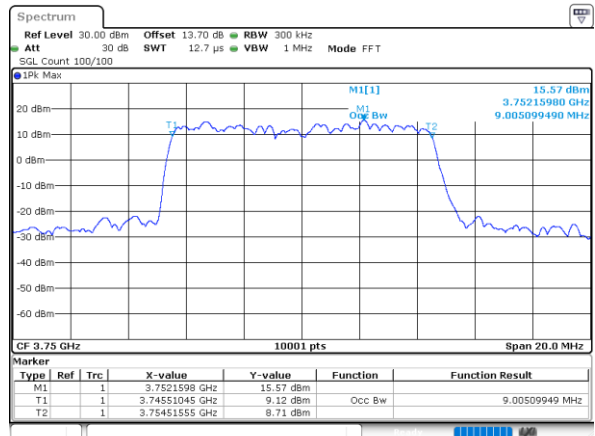
Date: 18_JUN,2025 22:41:11

Middle Channel / 10MHz / QPSK



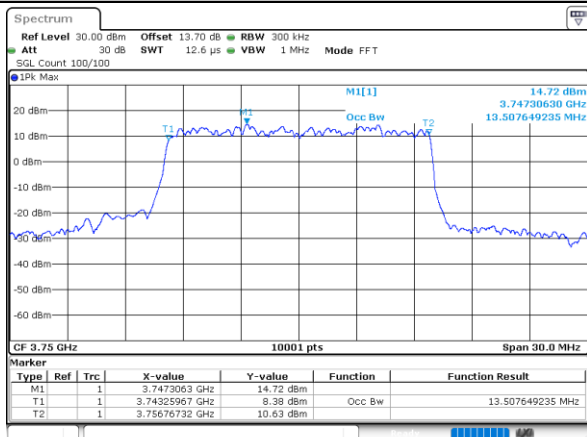
Date: 18_JUN,2025 22:42:42

Middle Channel / 10MHz / 16QAM



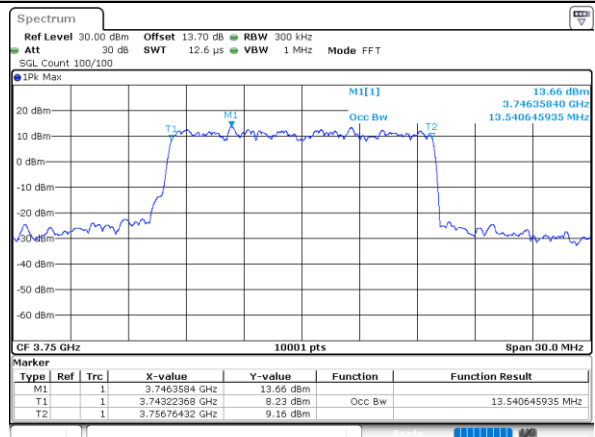
Date: 18_JUN,2025 22:43:10

Middle Channel / 15MHz / QPSK



Date: 18_JUN,2025 22:44:41

Middle Channel / 15MHz / 16QAM

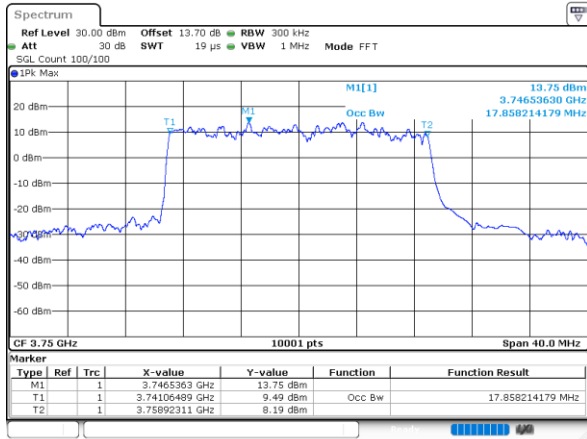


Date: 18_JUN,2025 22:45:09

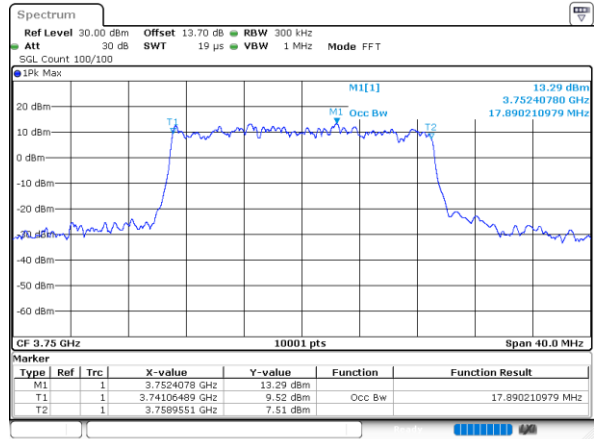


LTE Band 43

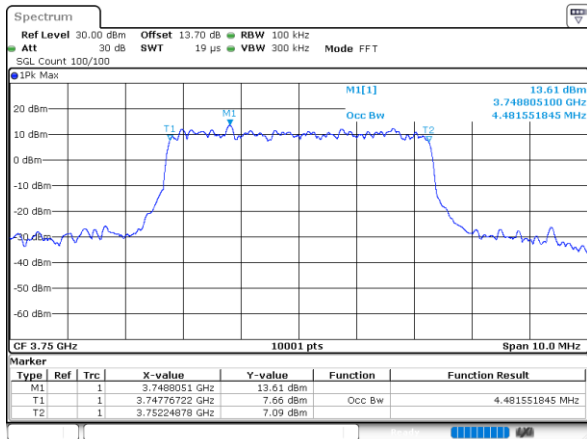
Middle Channel / 20MHz / QPSK



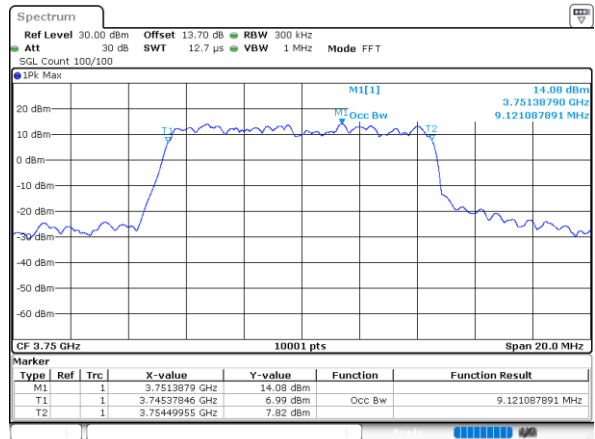
Middle Channel / 20MHz / 16QAM



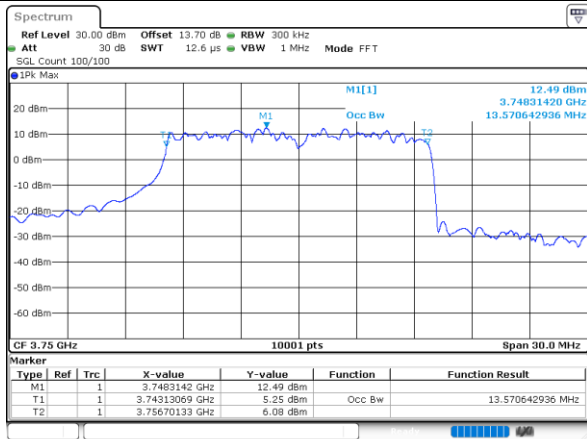
Middle Channel / 5MHz / 64QAM



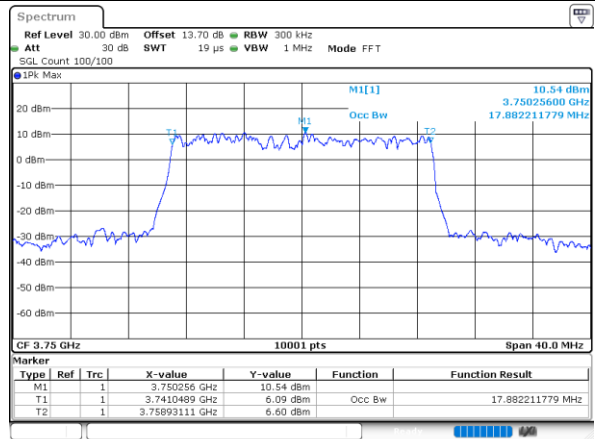
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



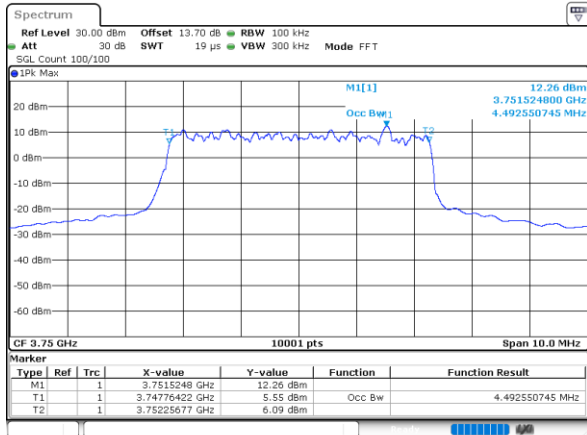
Middle Channel / 20MHz / 64QAM



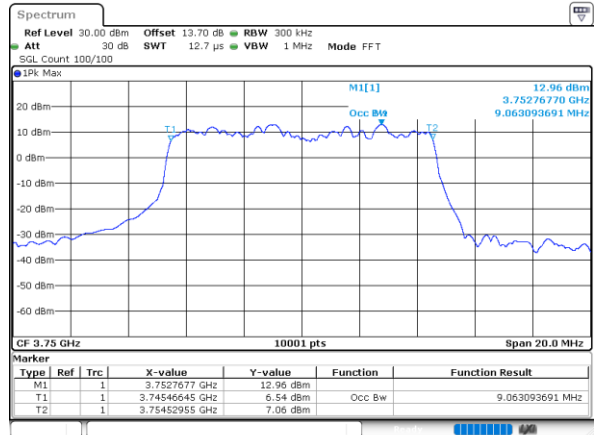


LTE Band 43

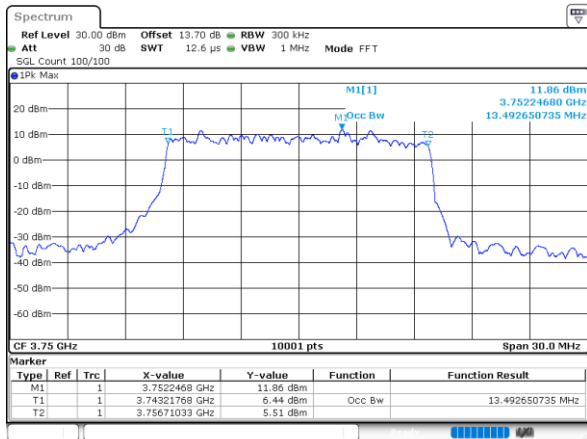
Middle Channel / 5MHz / 256QAM



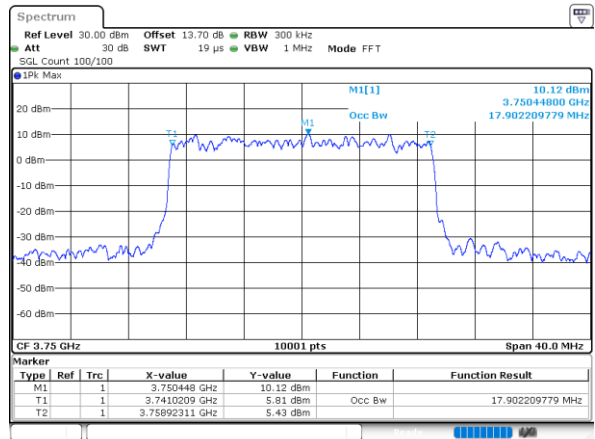
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

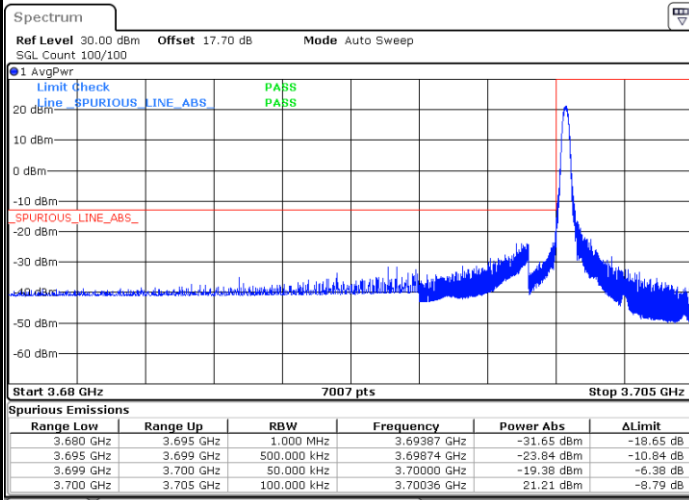




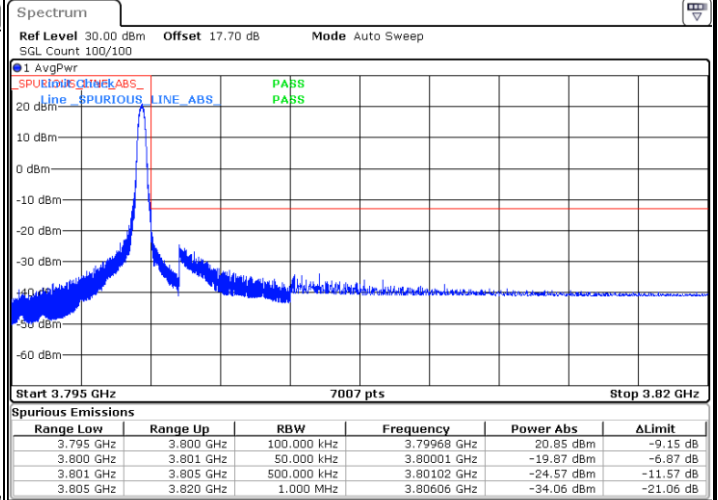
Conducted Band Edge

LTE Band 43 / 5MHz / QPSK

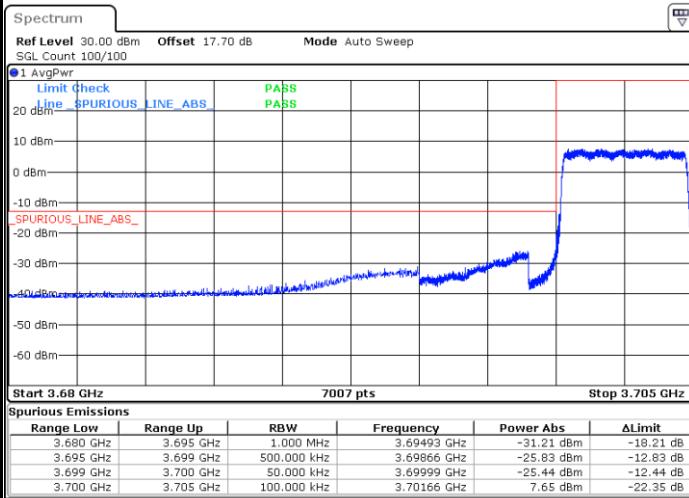
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

