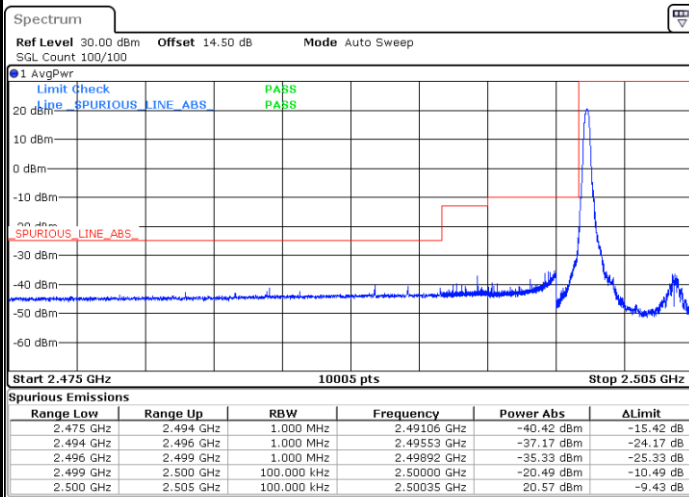




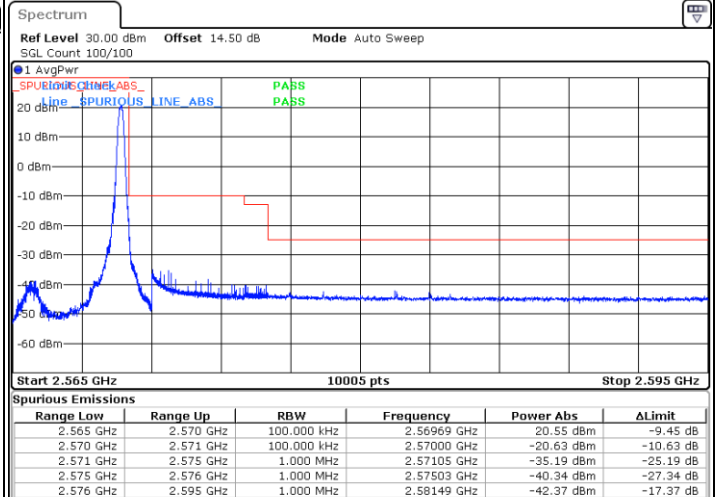
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

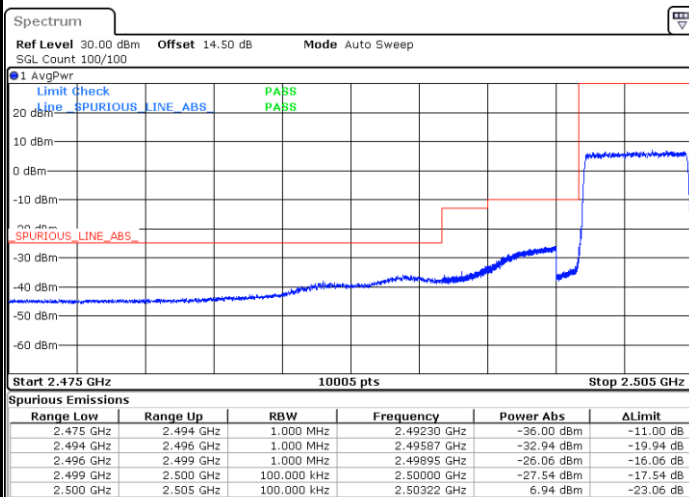
Lowest Band Edge / 1 RB



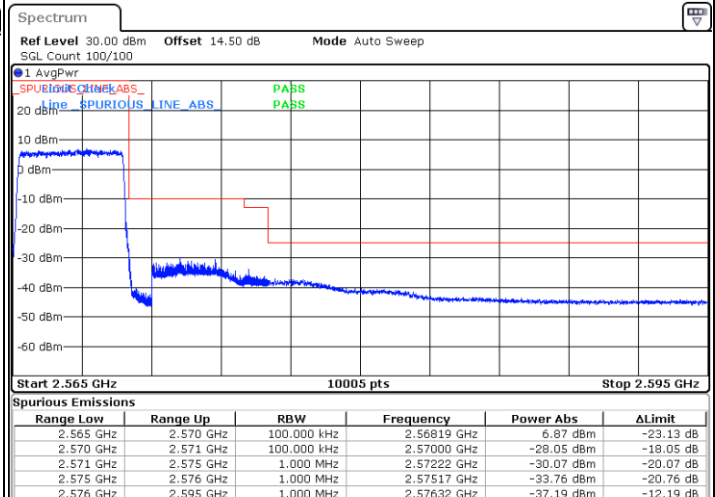
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



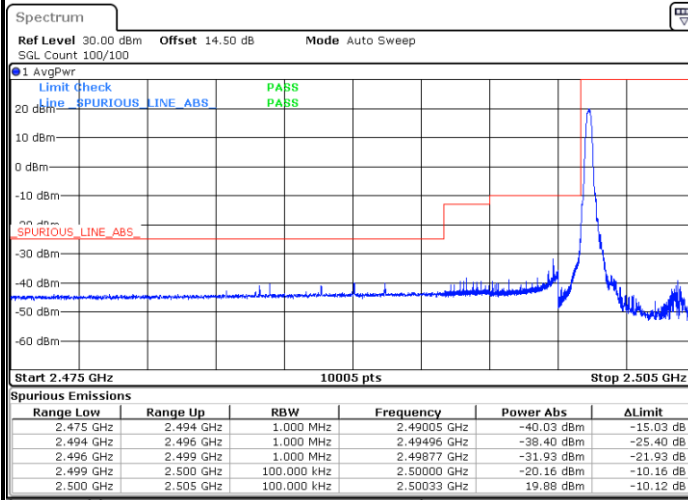
Highest Band Edge / Full RB



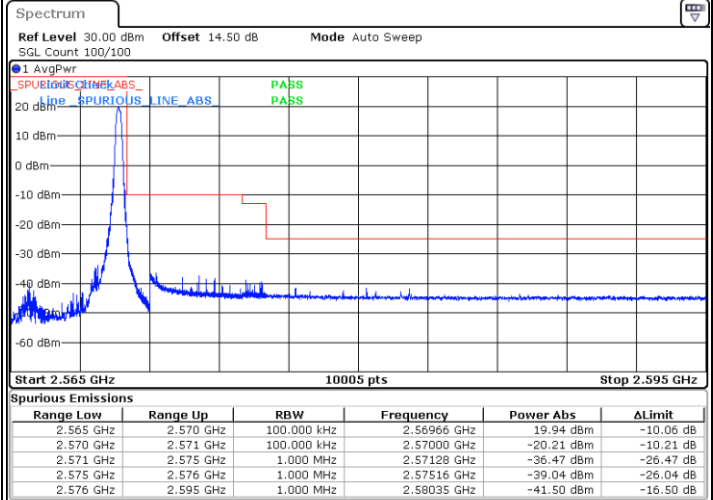


LTE Band 7 / 5MHz / 16QAM

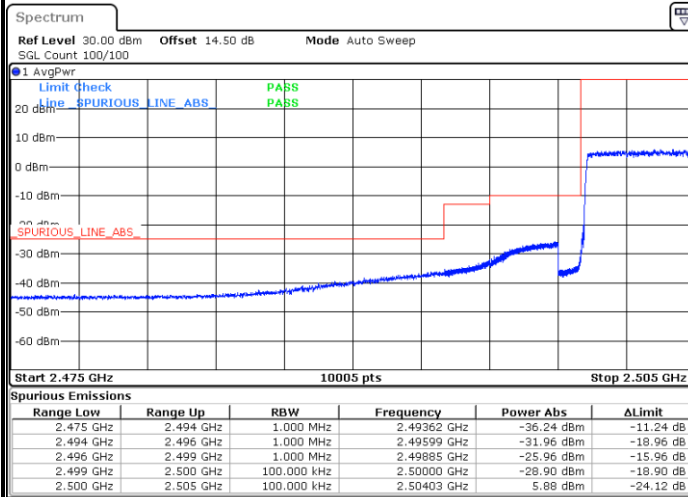
Lowest Band Edge / 1 RB



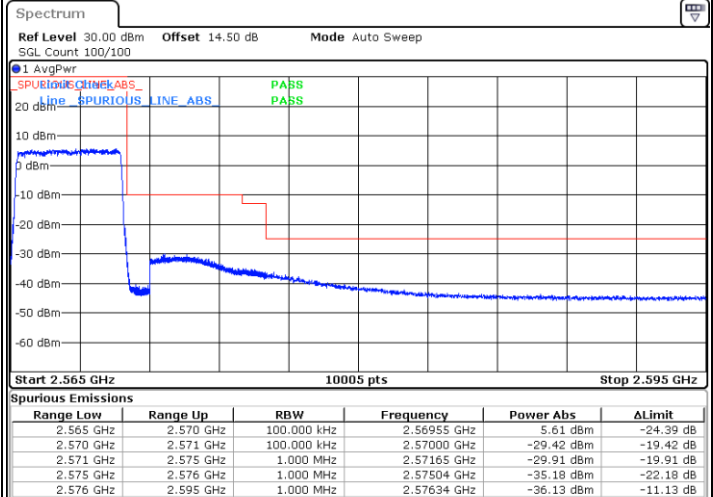
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



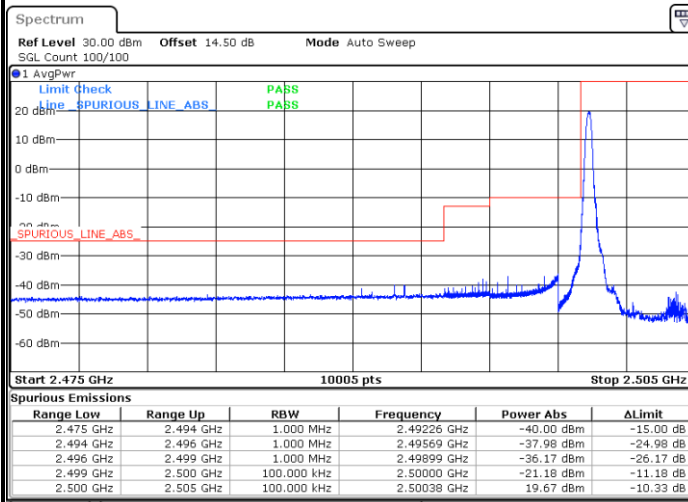
Highest Band Edge / Full RB



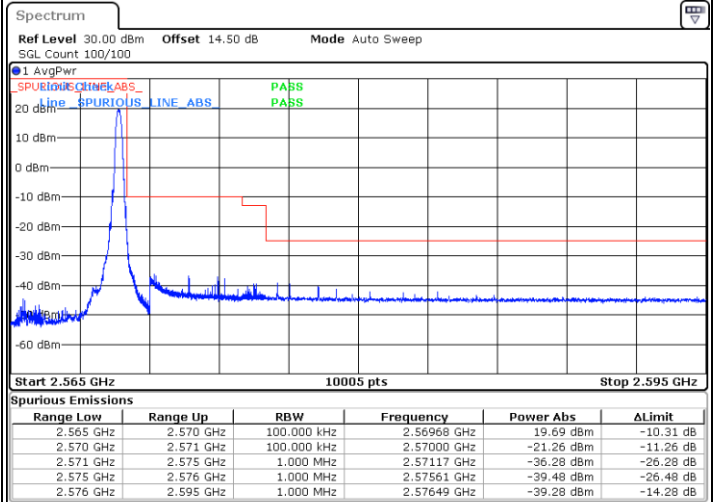


LTE Band 7 / 5MHz / 64QAM

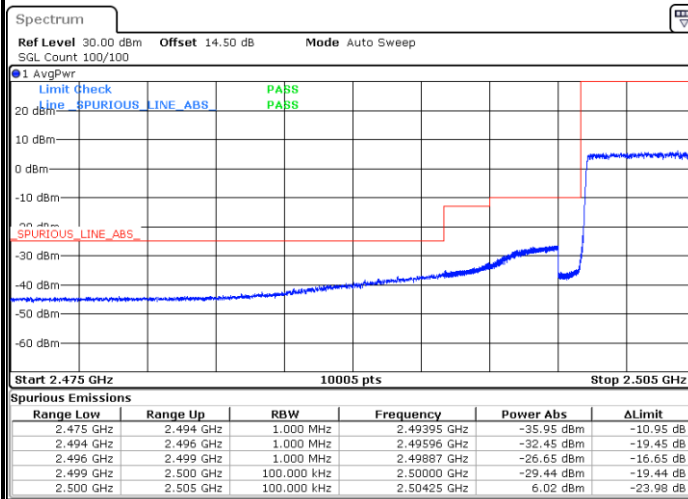
Lowest Band Edge / 1RB



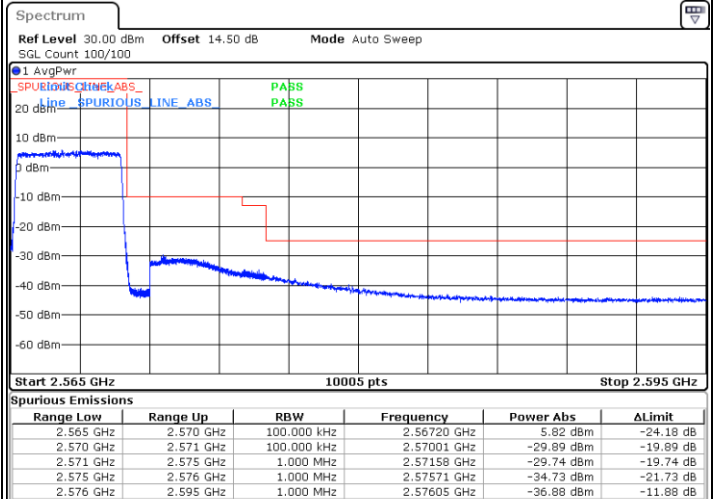
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



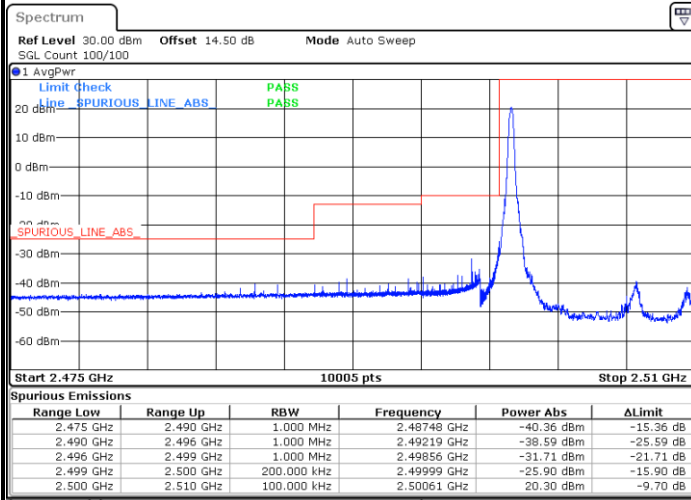
Highest Band Edge / Full RB



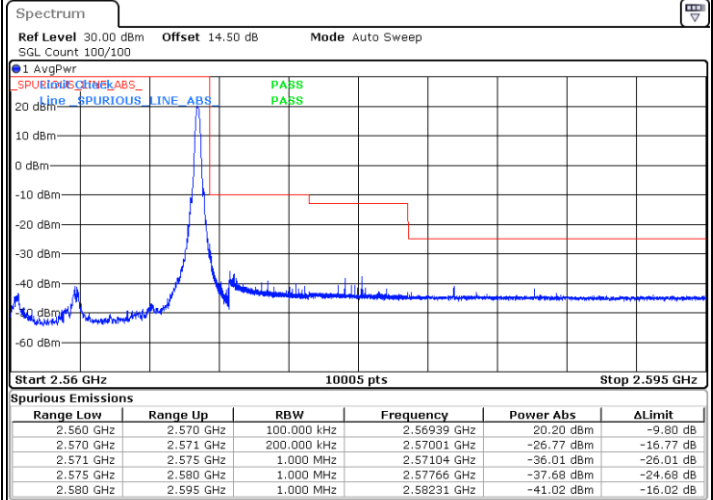


LTE Band 7 / 10MHz / QPSK

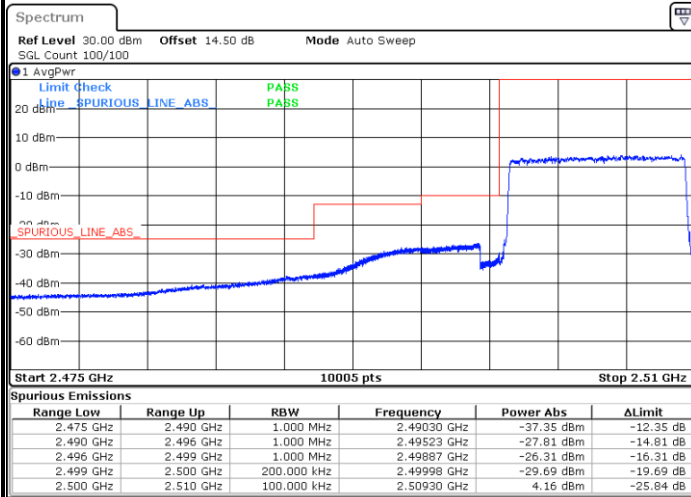
Lowest Band Edge / 1 RB



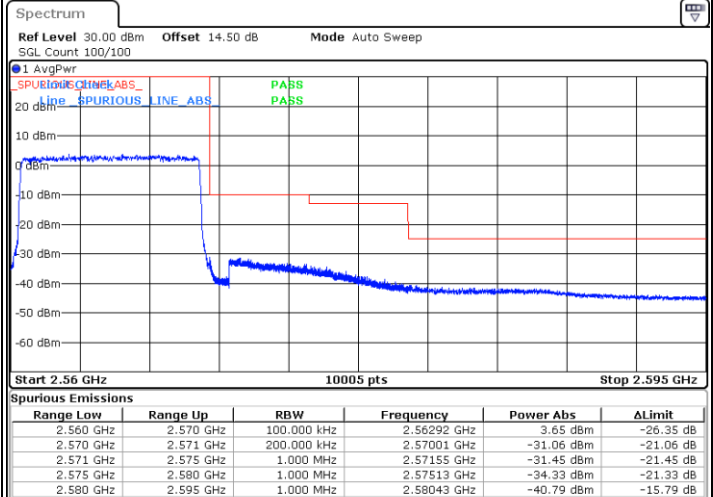
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



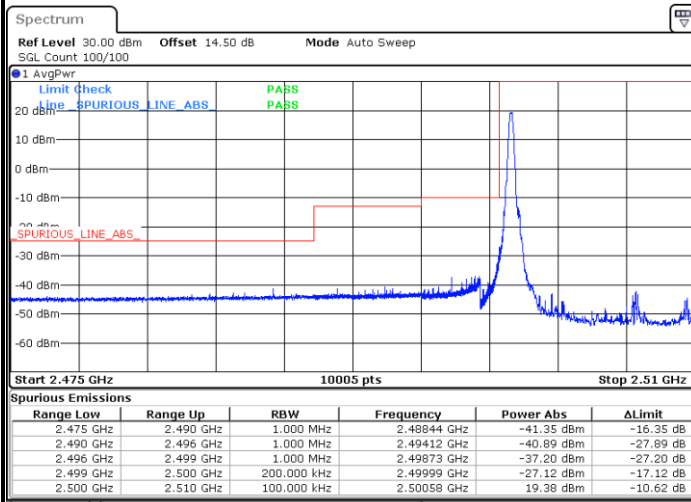
Highest Band Edge / Full RB



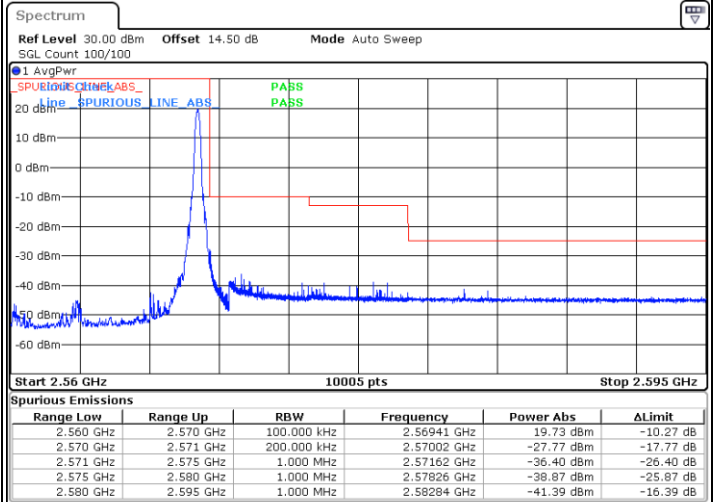


LTE Band 7 / 10MHz / 16QAM

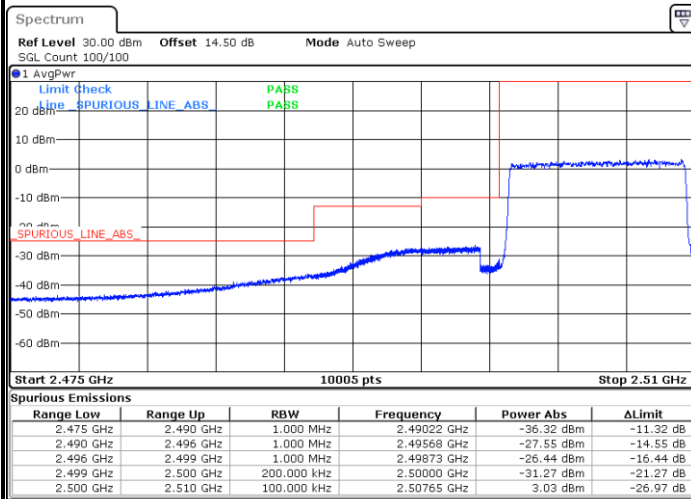
Lowest Band Edge / 1 RB



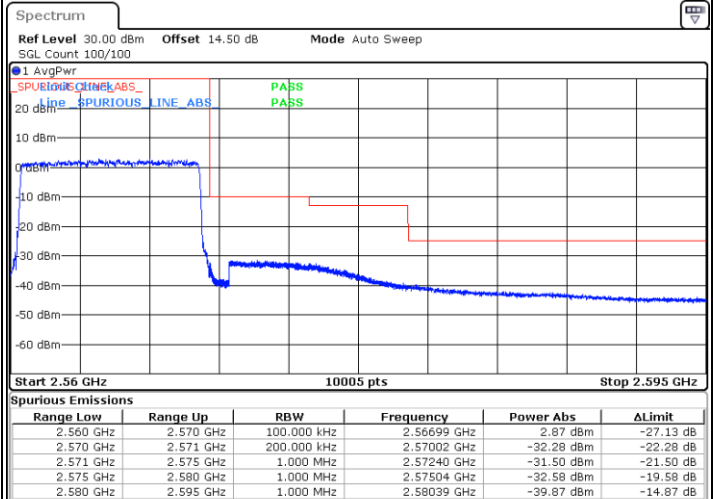
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



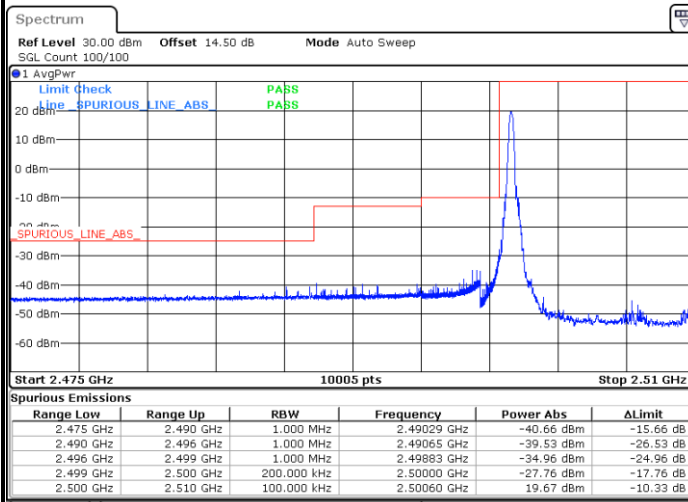
Highest Band Edge / Full RB



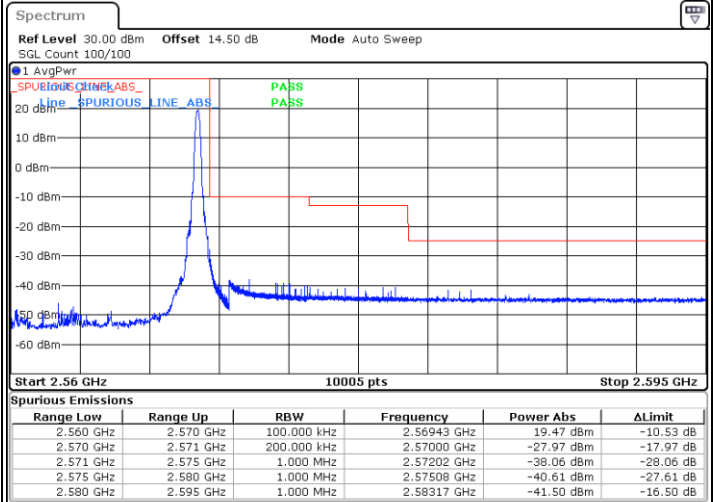


LTE Band 7 / 10MHz / 64QAM

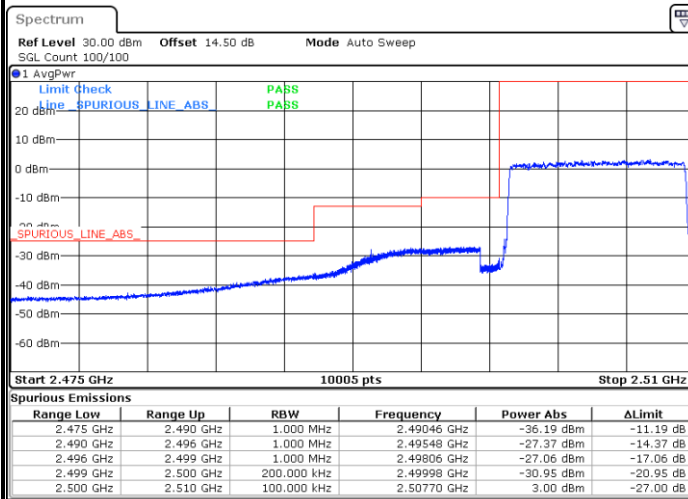
Lowest Band Edge / 1 RB



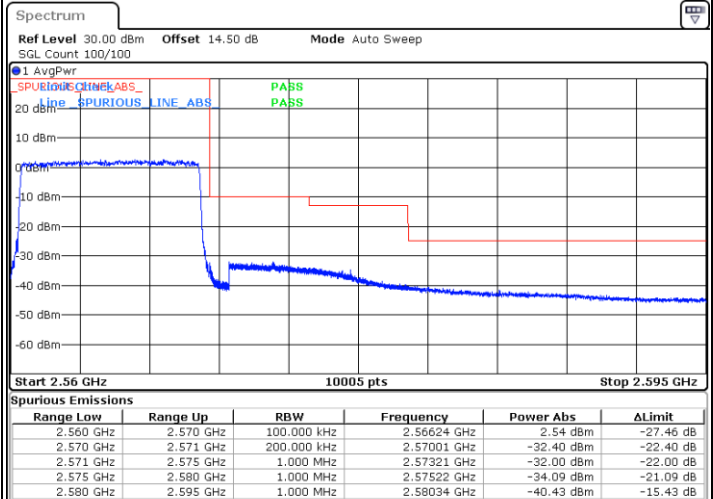
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



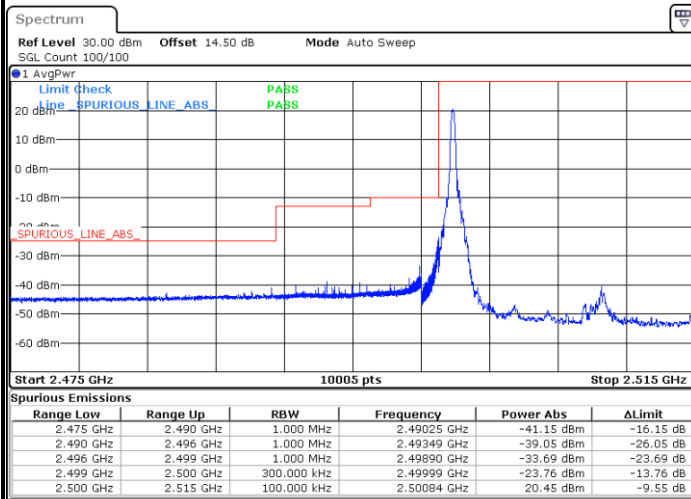
Highest Band Edge / Full RB



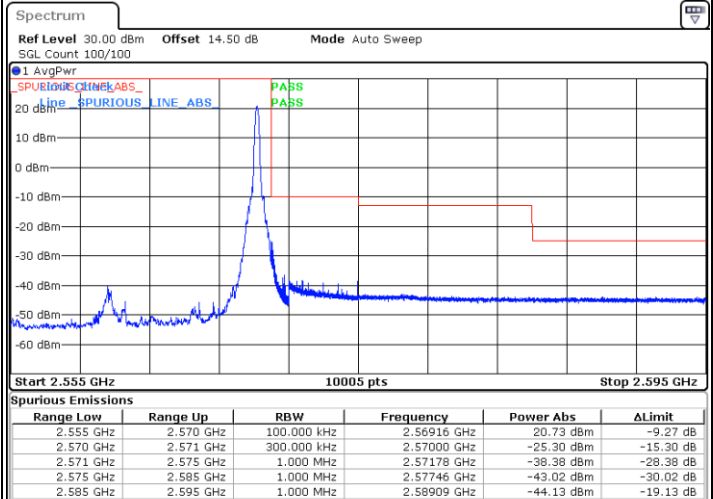


LTE Band 7 / 15MHz / QPSK

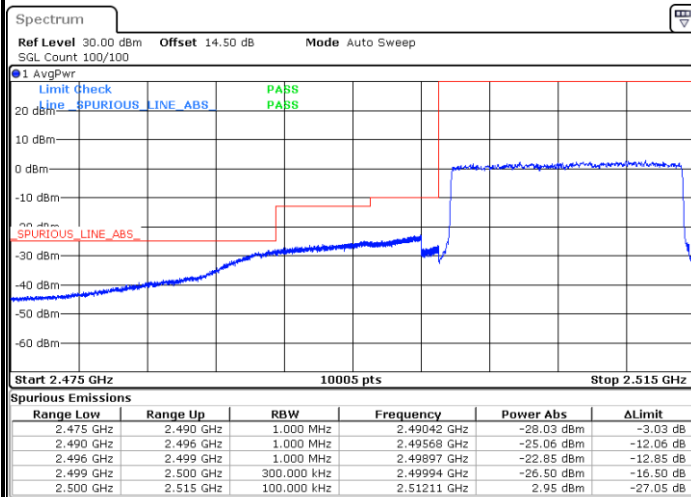
Lowest Band Edge / 1 RB



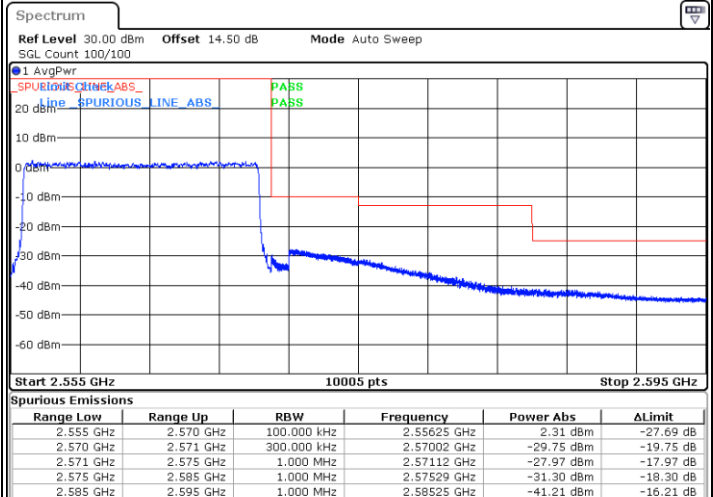
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



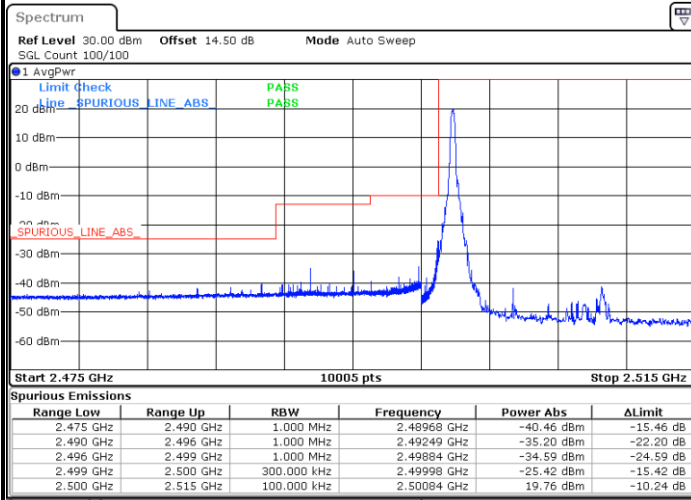
Highest Band Edge / Full RB



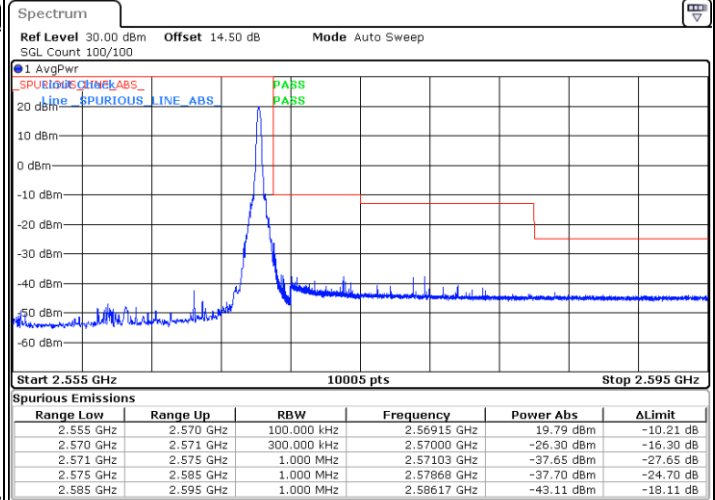


LTE Band 7 / 15MHz / 16QAM

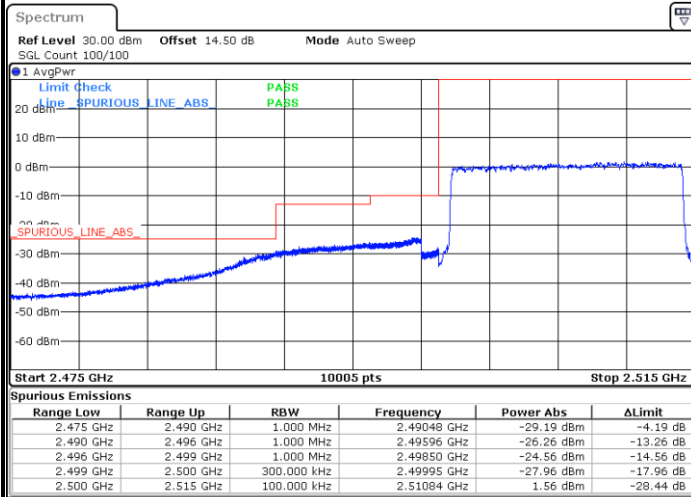
Lowest Band Edge / 1 RB



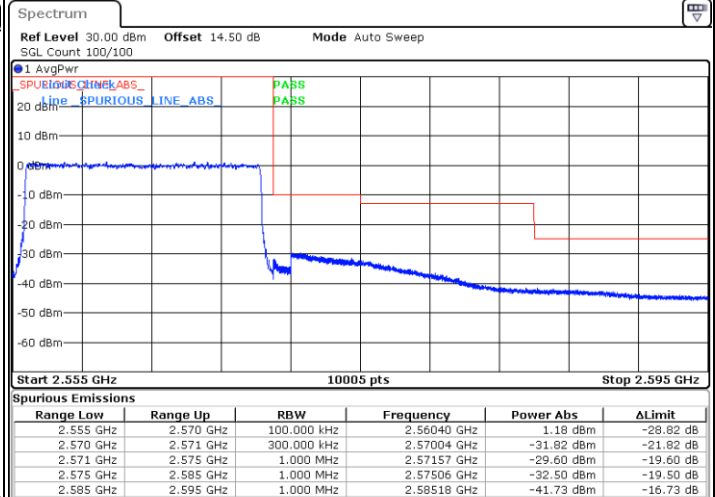
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



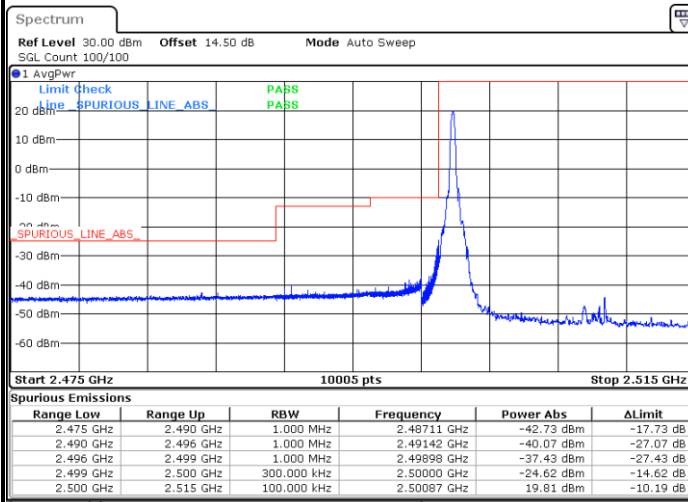
Highest Band Edge / Full RB



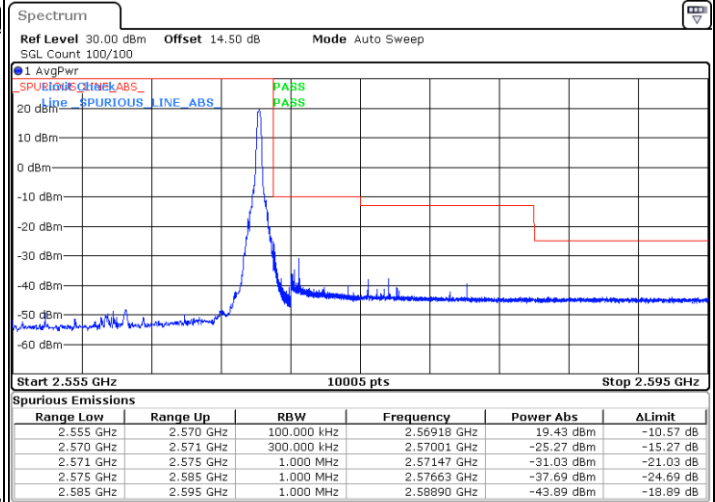


LTE Band 7 / 15MHz / 64QAM

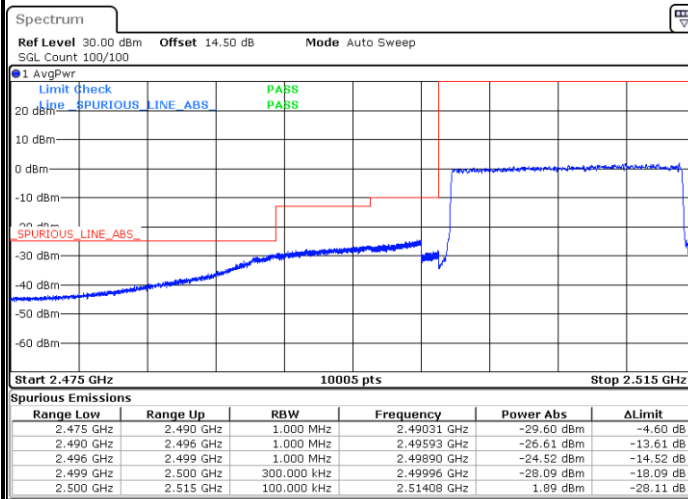
Lowest Band Edge / 1 RB



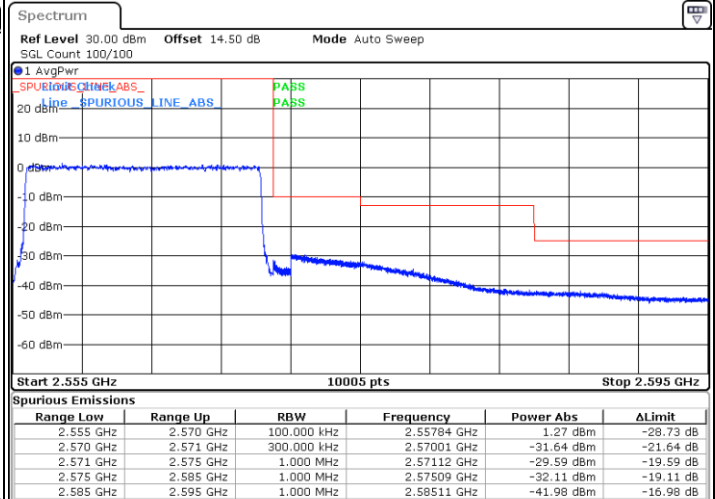
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



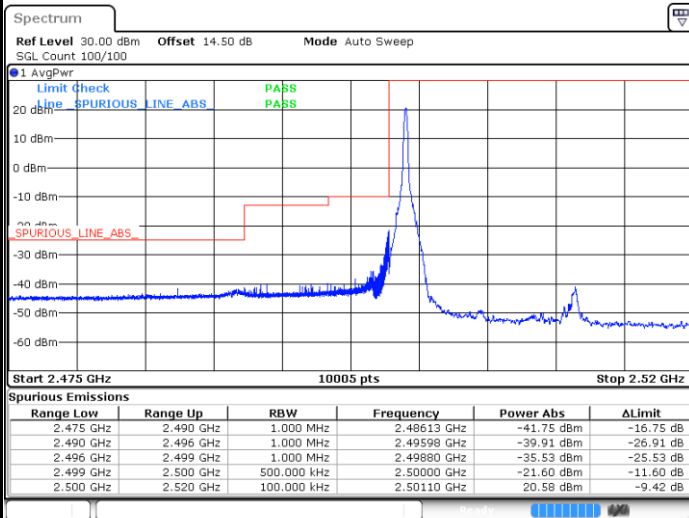
Highest Band Edge / Full RB



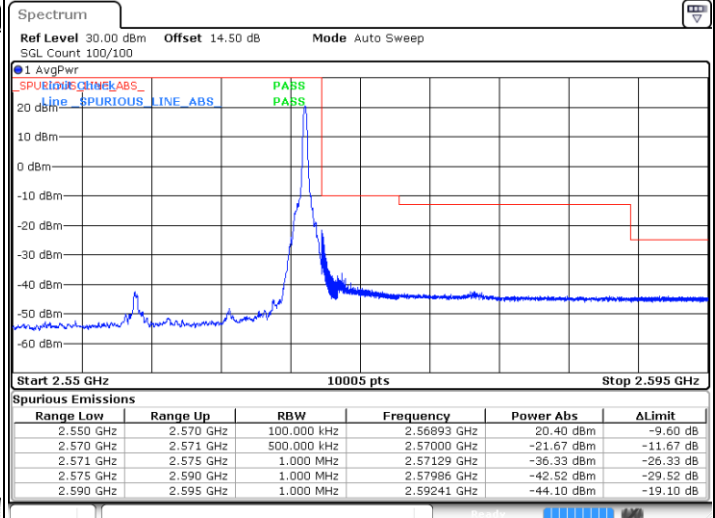


LTE Band 7 / 20MHz / QPSK

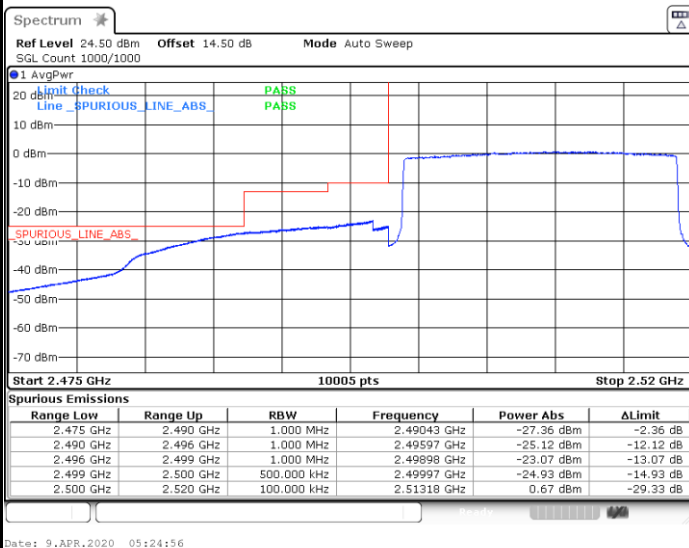
Lowest Band Edge / 1 RB



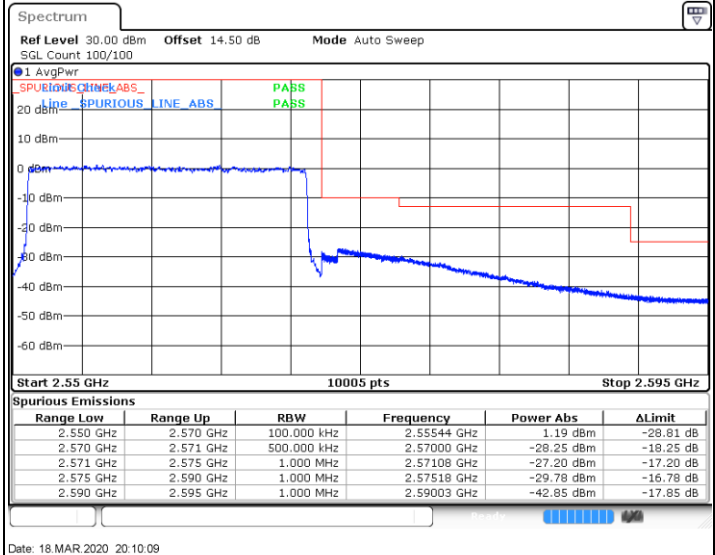
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



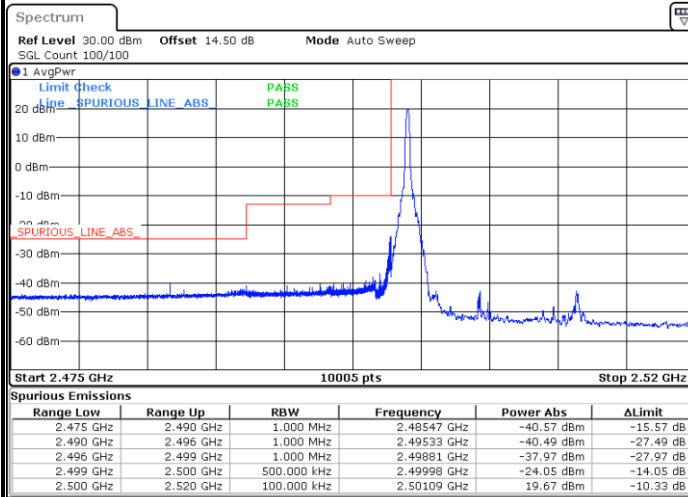
Highest Band Edge / Full RB



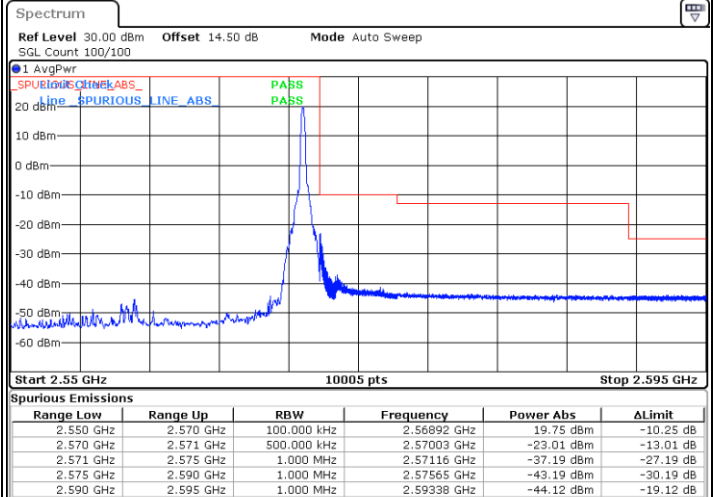


LTE Band 7 / 20MHz / 16QAM

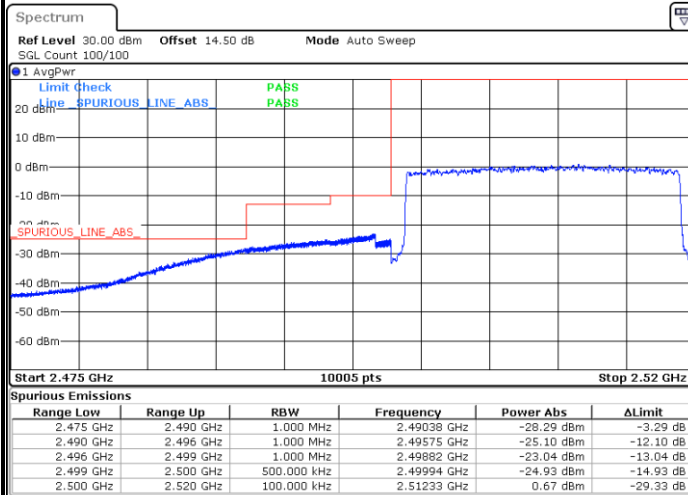
Lowest Band Edge / 1 RB



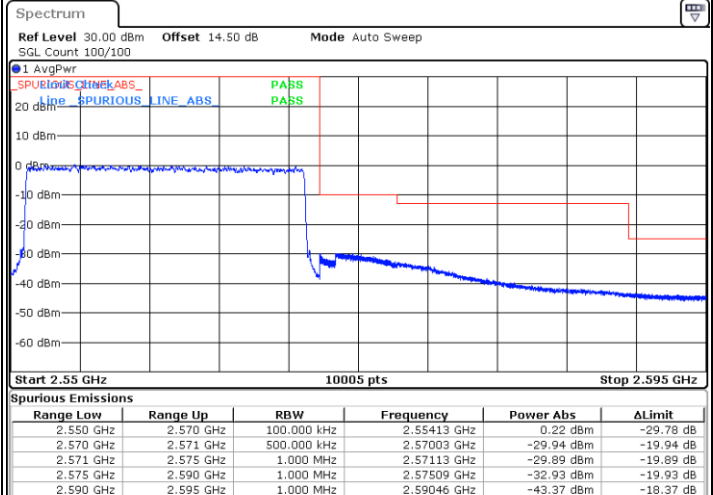
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



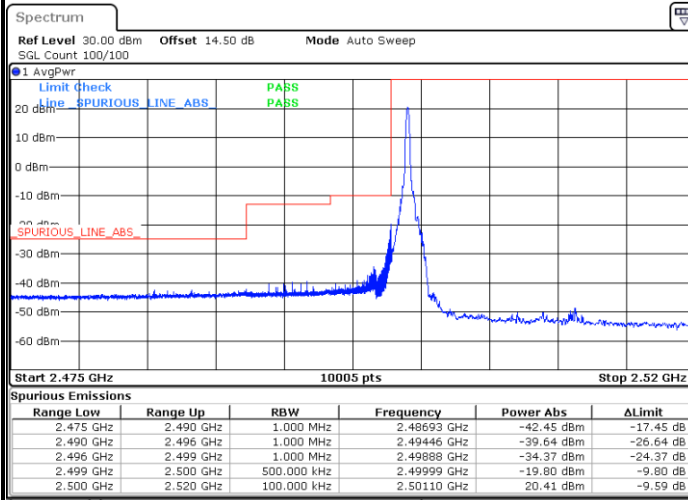
Highest Band Edge / Full RB



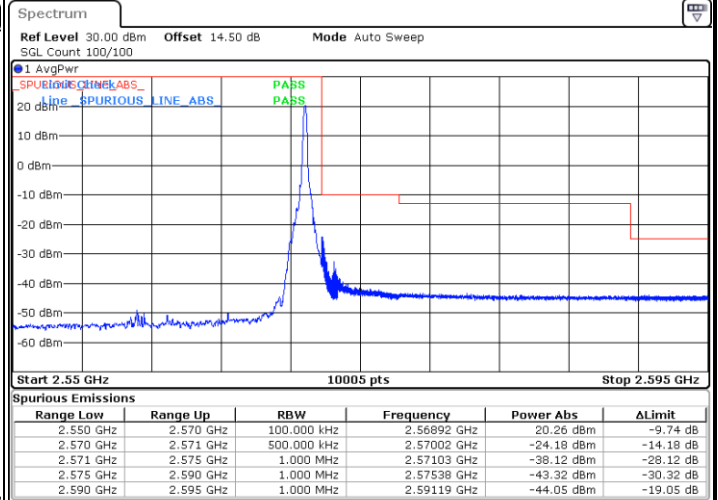


LTE Band 7 / 20MHz / 64QAM

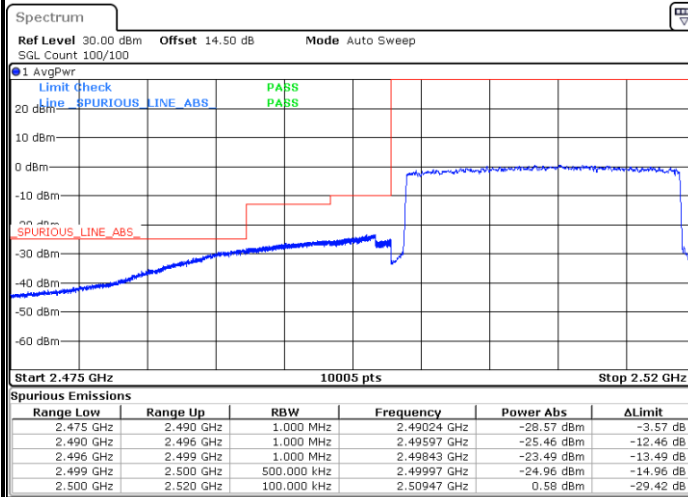
Lowest Band Edge / 1 RB



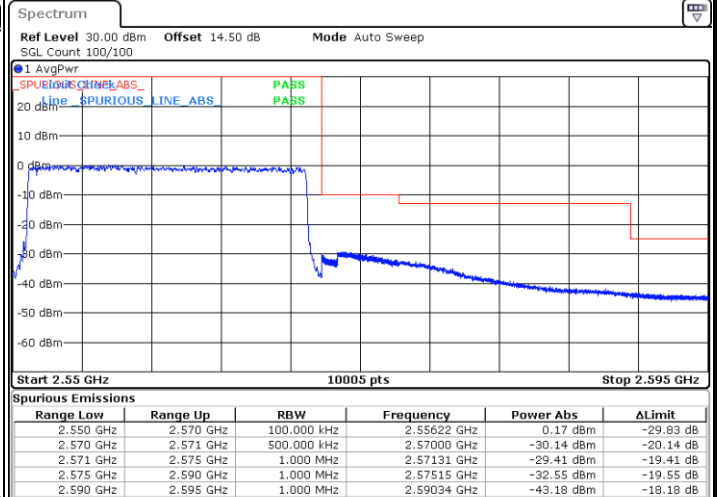
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

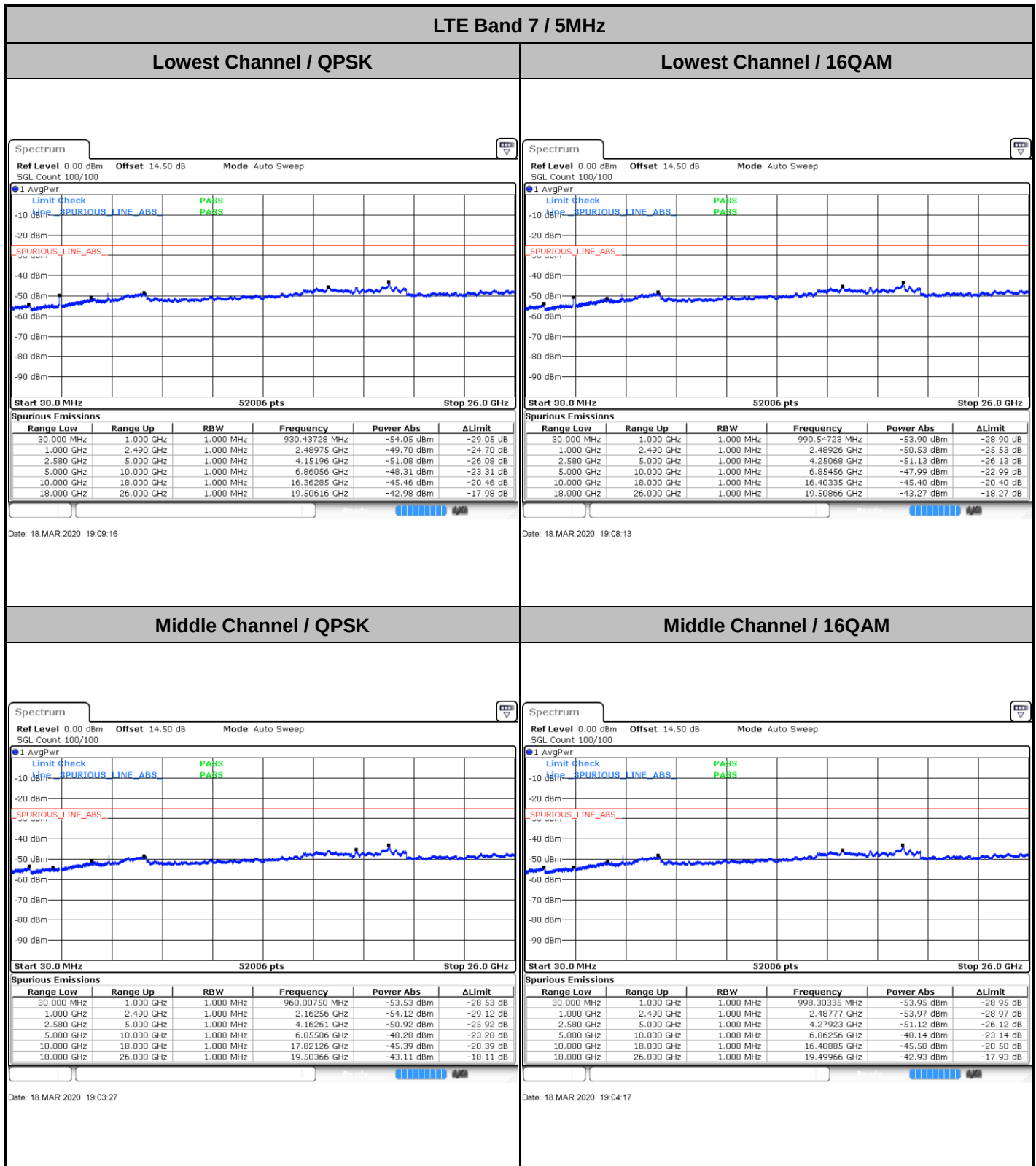


Highest Band Edge / Full RB





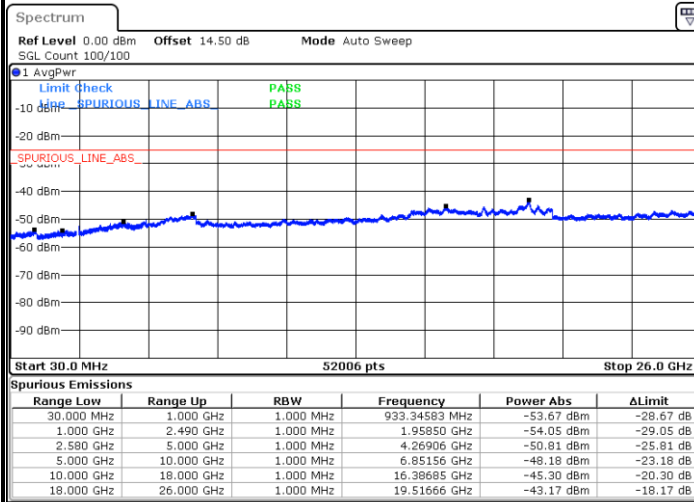
Conducted Spurious Emission





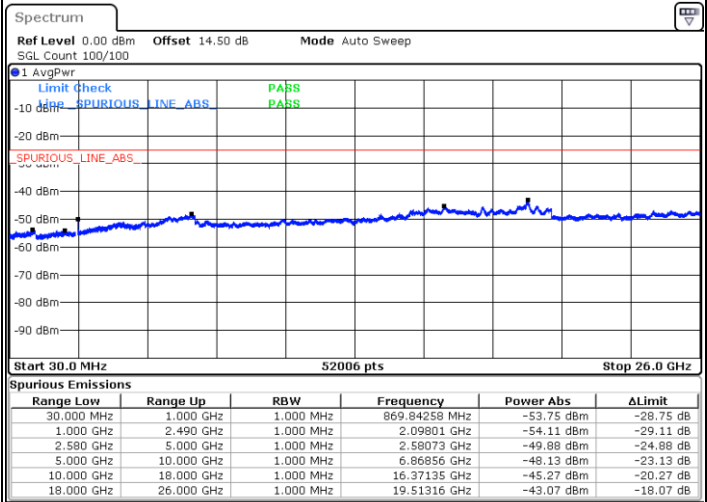
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 18 MAR 2020 18:56:57

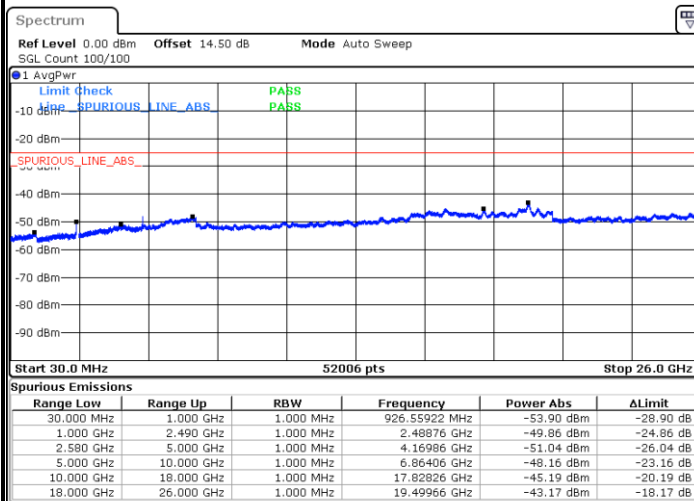
Highest Channel / 16QAM



Date: 18 MAR 2020 18:56:11

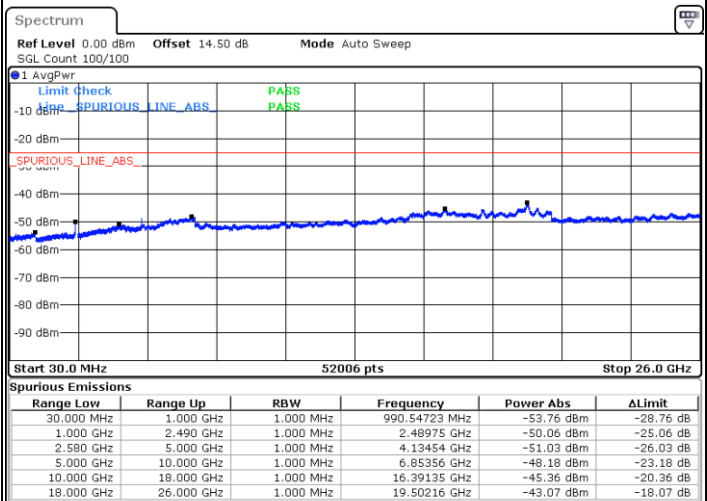
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 18 MAR 2020 22:27:15

Lowest Channel / 16QAM

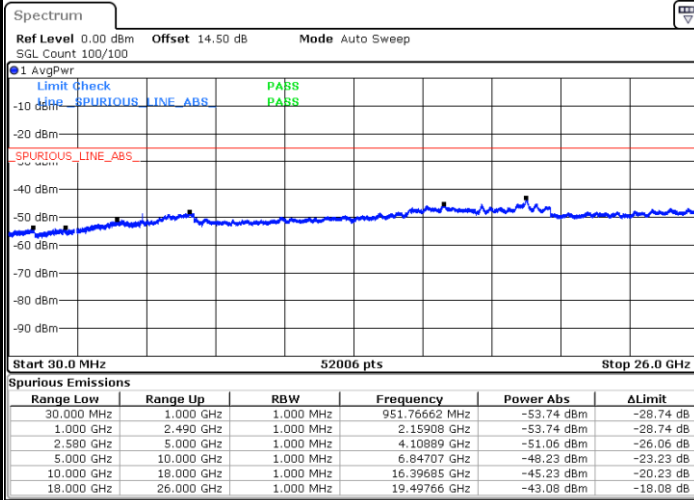


Date: 18 MAR 2020 22:26:27



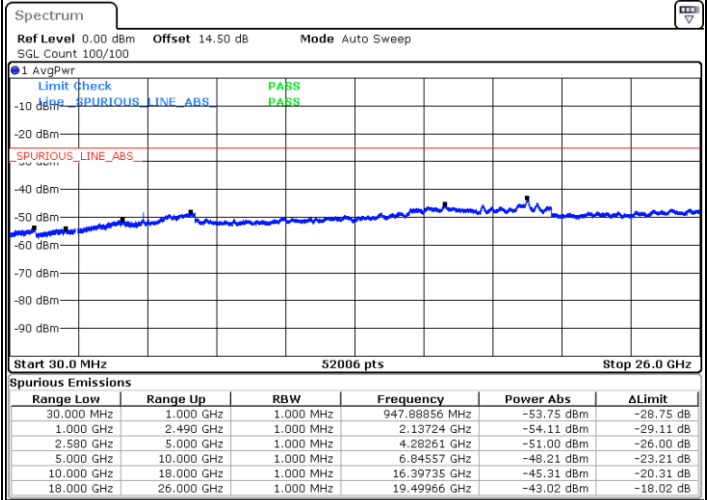
LTE Band 7 / 10MHz

Middle Channel / QPSK



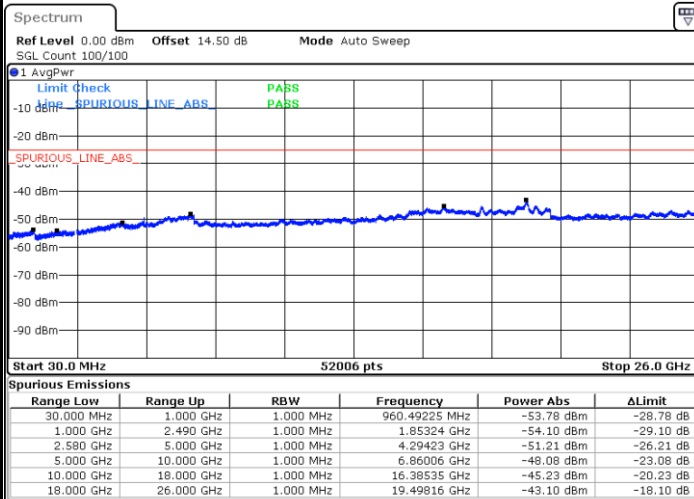
Date: 18 MAR 2020 22:05:31

Middle Channel / 16QAM



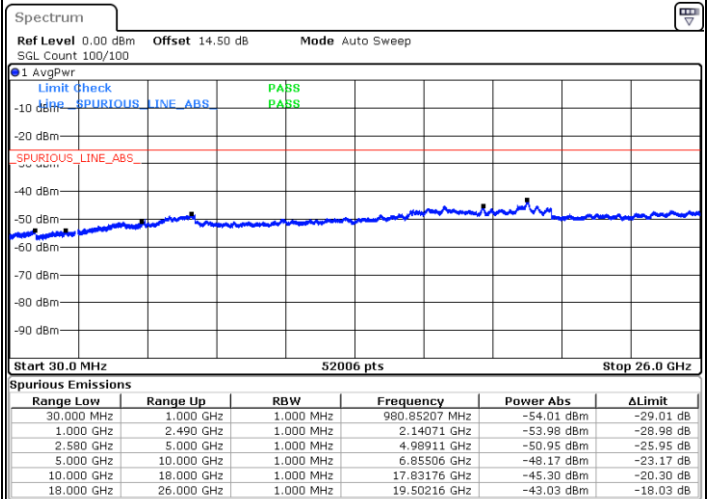
Date: 18 MAR 2020 22:06:16

Highest Channel / QPSK



Date: 18 MAR 2020 22:28:28

Highest Channel / 16QAM

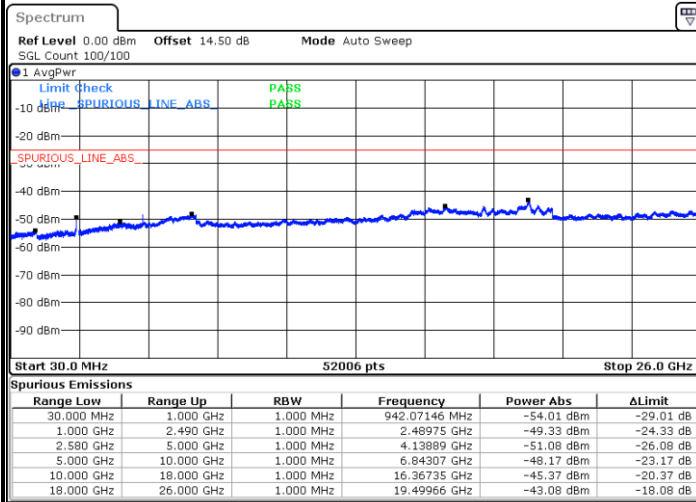


Date: 18 MAR 2020 22:29:12



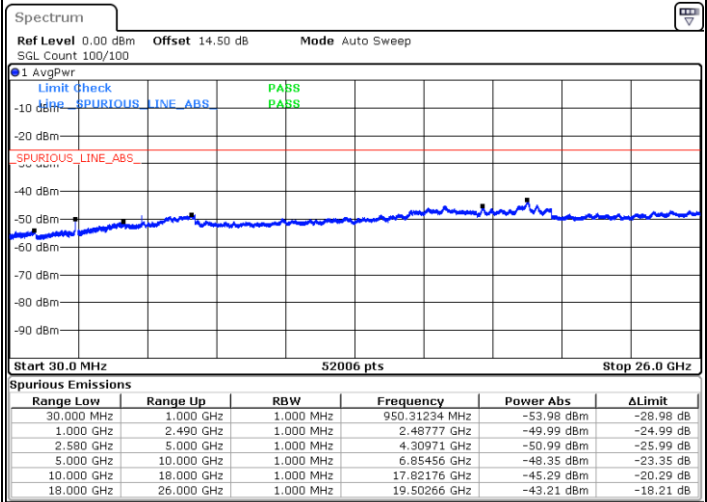
LTE Band 7 / 15MHz

Lowest Channel / QPSK



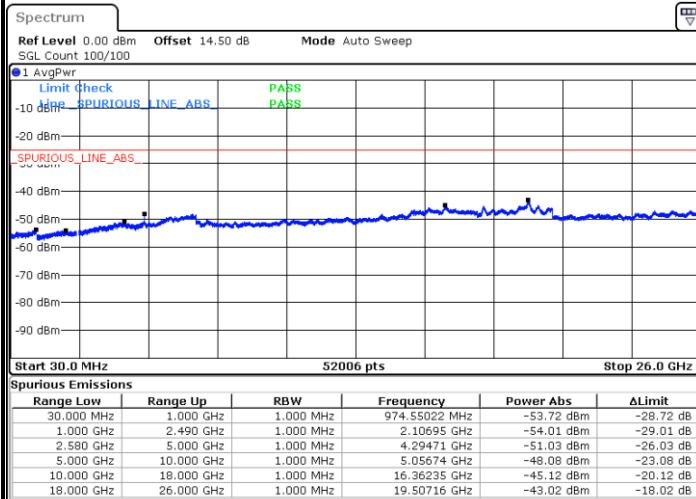
Date: 18 MAR 2020 21:59:51

Lowest Channel / 16QAM



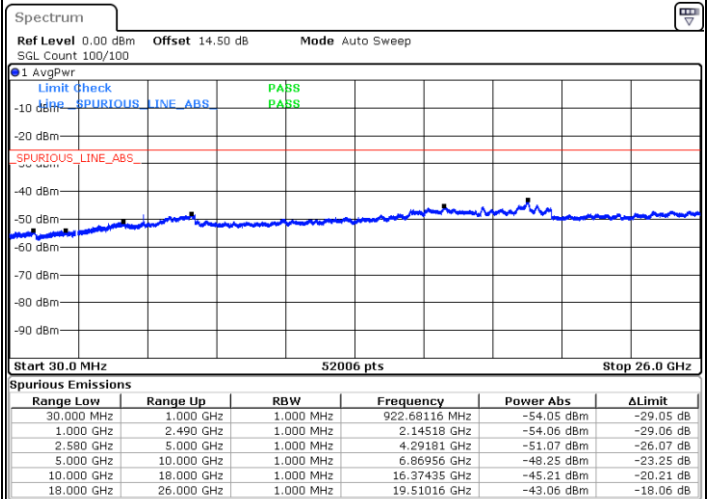
Date: 18 MAR 2020 22:00:38

Middle Channel / QPSK



Date: 18 MAR 2020 21:58:43

Middle Channel / 16QAM

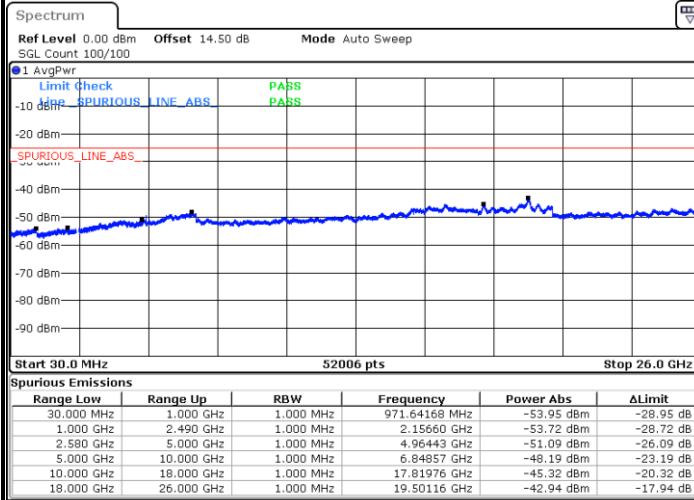


Date: 18 MAR 2020 21:57:44



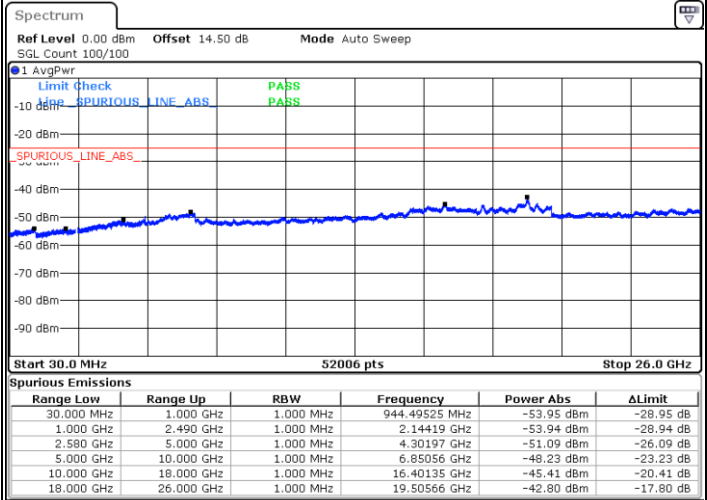
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 18 MAR 2020 22:03:50

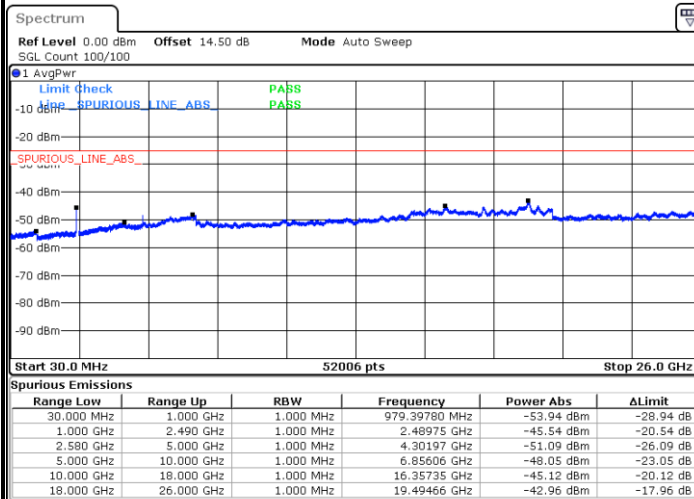
Highest Channel / 16QAM



Date: 18 MAR 2020 22:03:06

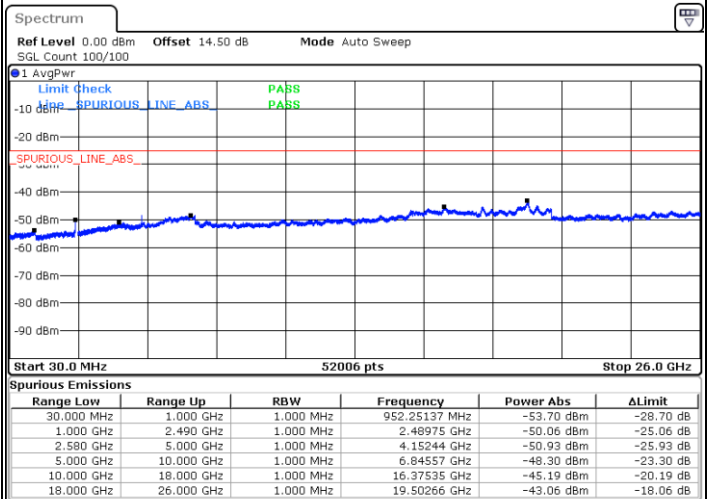
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 18 MAR 2020 21:54:12

Lowest Channel / 16QAM

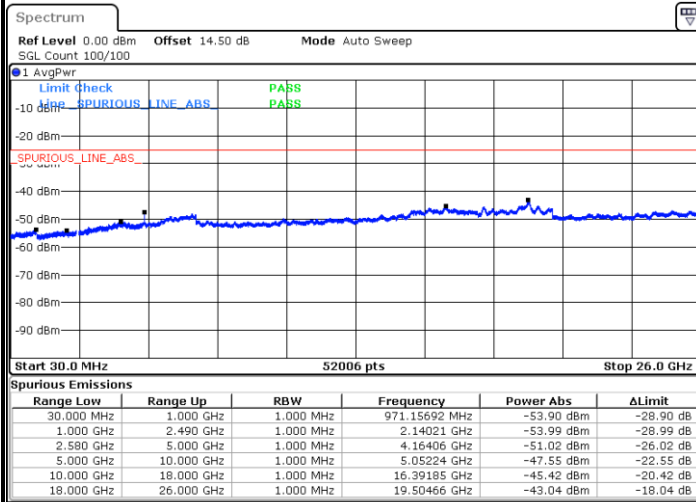


Date: 18 MAR 2020 21:55:09



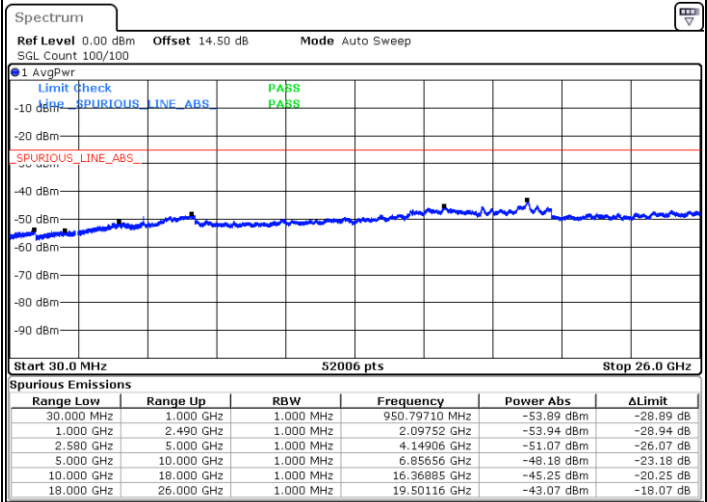
LTE Band 7 / 20MHz

Middle Channel / QPSK



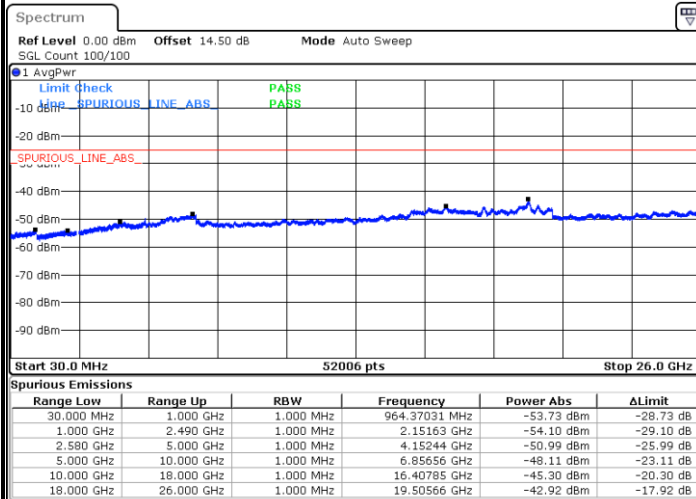
Date: 18 MAR 2020 21:53:07

Middle Channel / 16QAM



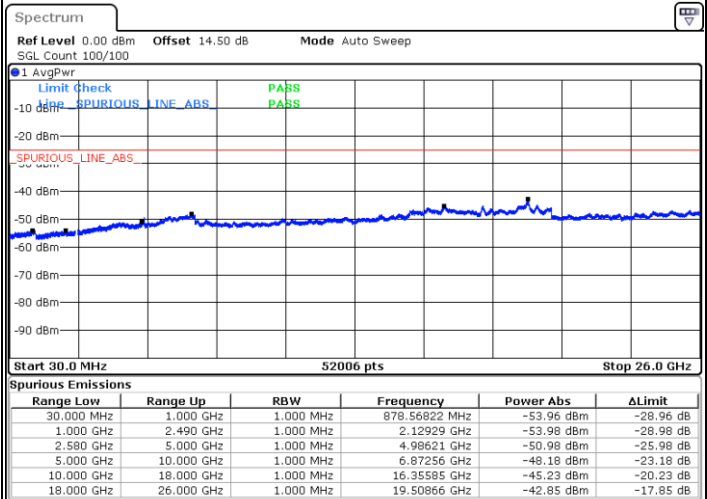
Date: 18 MAR 2020 21:52:21

Highest Channel / QPSK



Date: 18 MAR 2020 21:49:49

Highest Channel / 16QAM

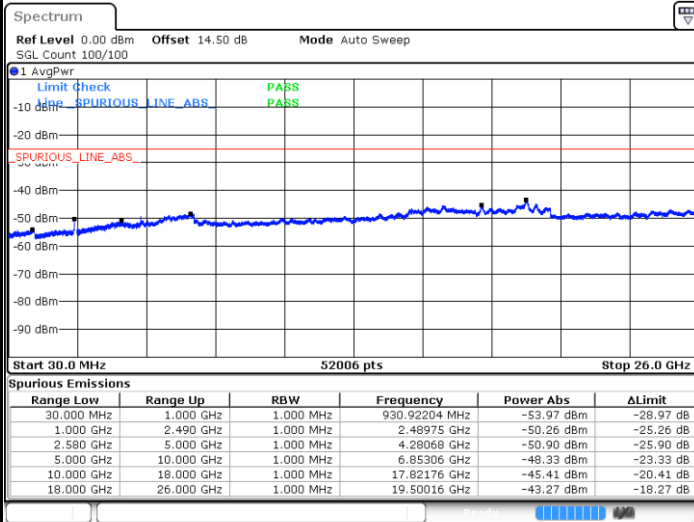


Date: 18 MAR 2020 21:48:43



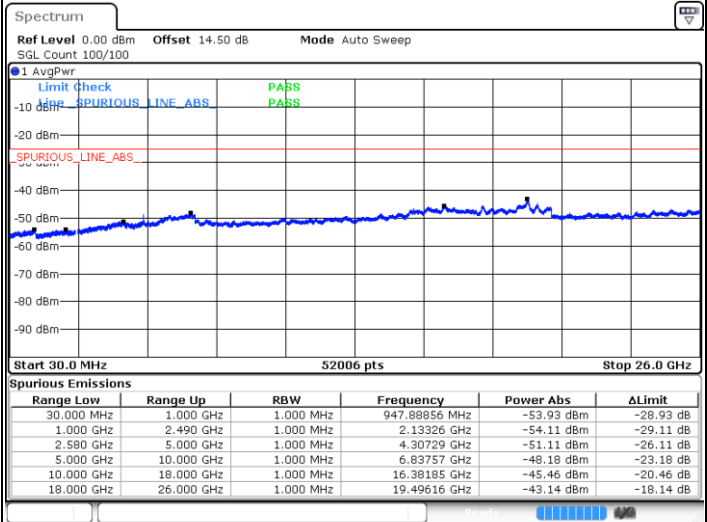
LTE Band 7 / 5MHz

Lowest Channel / 64QAM



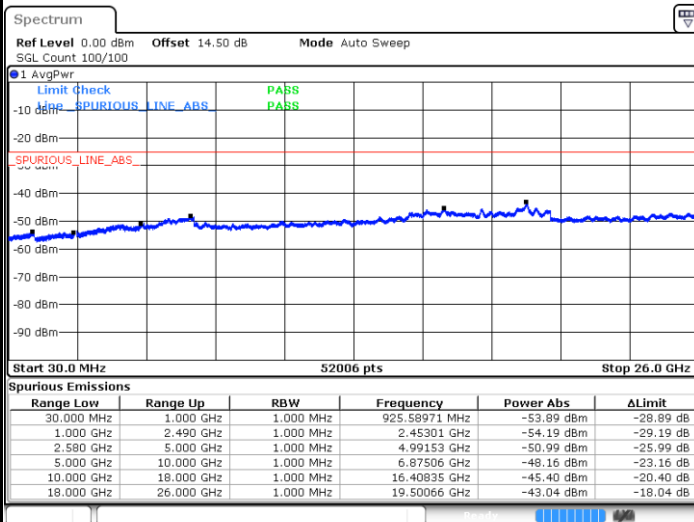
Date: 18 MAR 2020 19:06:55

Middle Channel / 64QAM



Date: 18 MAR 2020 19:05:03

Highest Channel / 64QAM

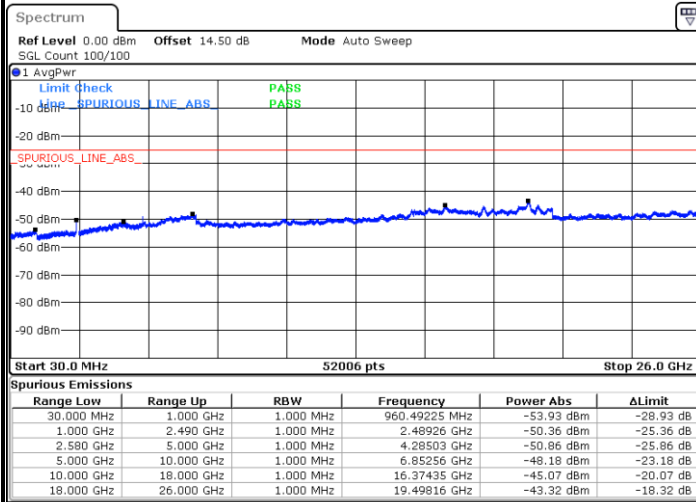


Date: 18 MAR 2020 18:55:13



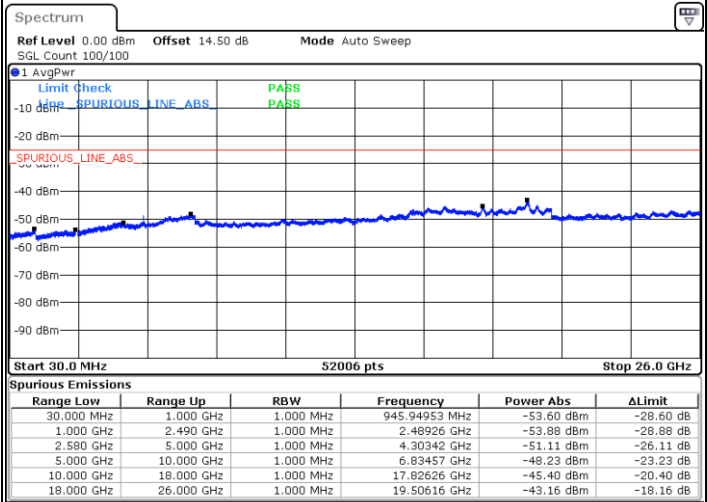
LTE Band 7 / 10MHz

Lowest Channel / 64QAM



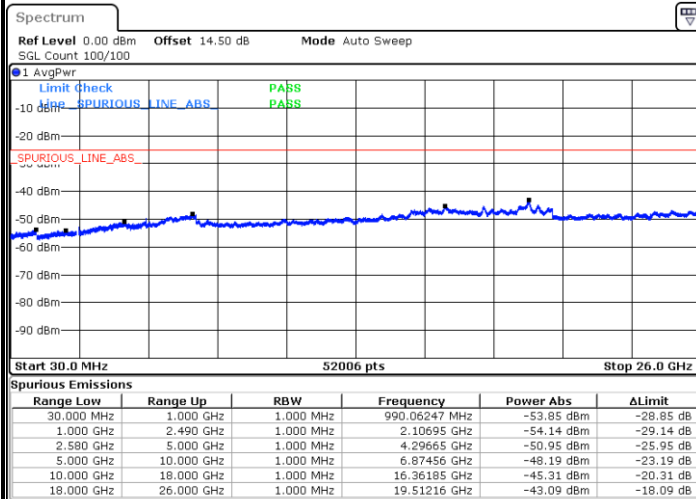
Date: 18 MAR 2020 22:25:14

Middle Channel / 64QAM



Date: 18 MAR 2020 22:07:00

Highest Channel / 64QAM

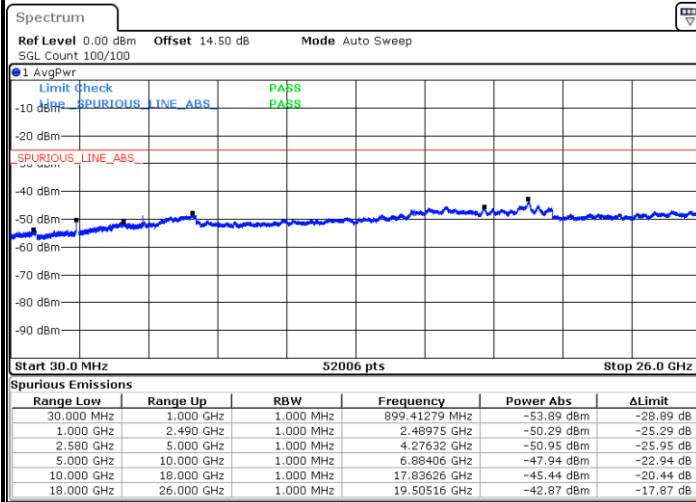


Date: 18 MAR 2020 22:30:28



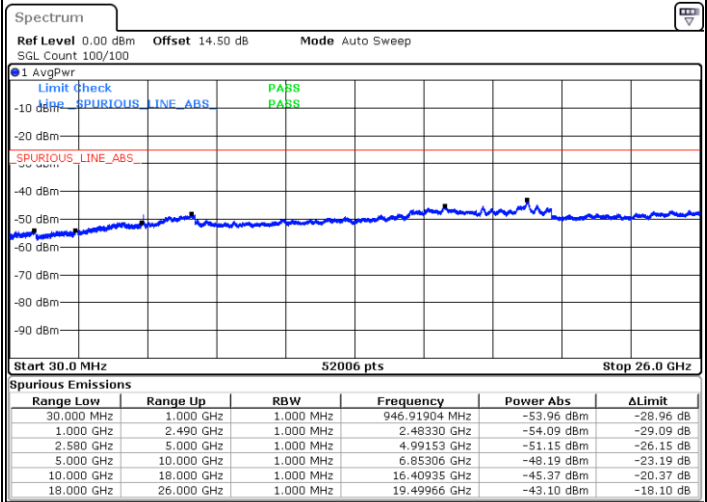
LTE Band 7 / 15MHz

Lowest Channel / 64QAM



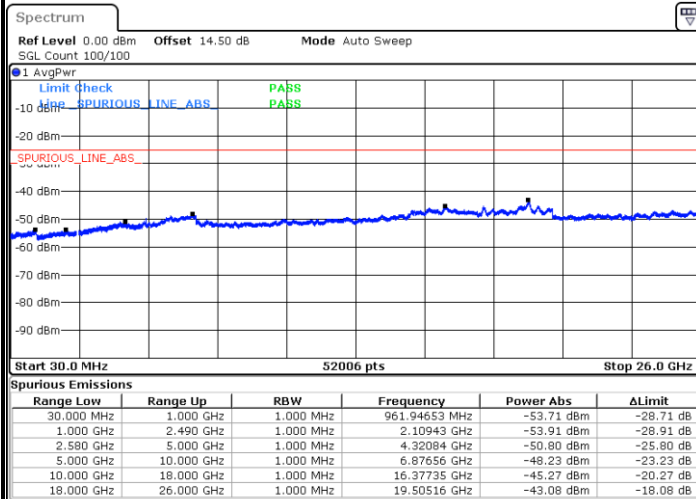
Date: 18 MAR 2020 22:01:29

Middle Channel / 64QAM



Date: 18 MAR 2020 21:56:58

Highest Channel / 64QAM

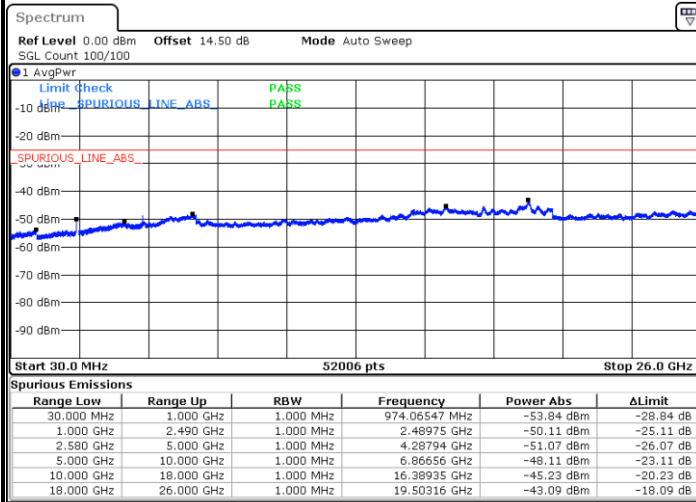


Date: 18 MAR 2020 22:02:17



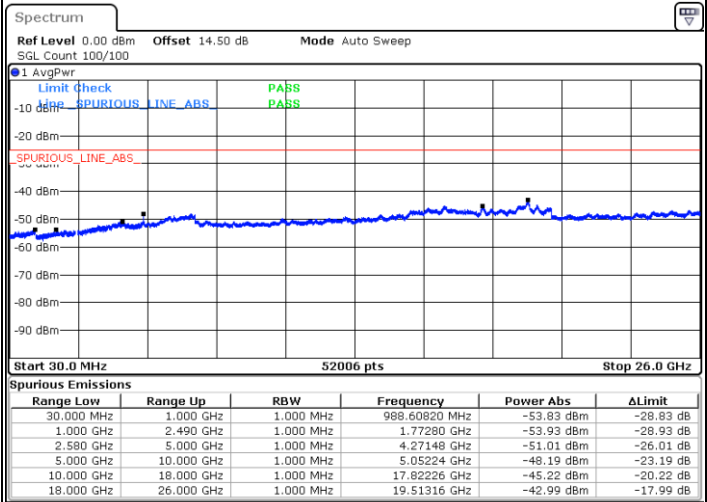
LTE Band 7 / 20MHz

Lowest Channel / 64QAM



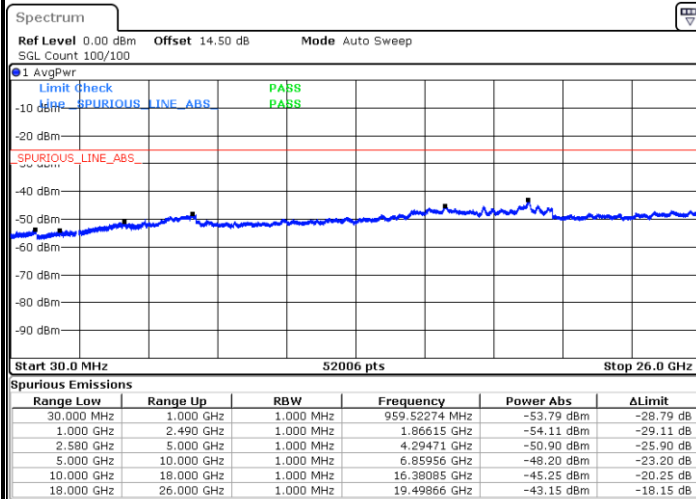
Date: 18 MAR 2020 21:56:02

Middle Channel / 64QAM



Date: 18 MAR 2020 21:51:36

Highest Channel / 64QAM



Date: 18 MAR 2020 21:50:42

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0081	
30	Normal Voltage	0.0033	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0104	
-20	Normal Voltage	0.0123	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0044	

Note:

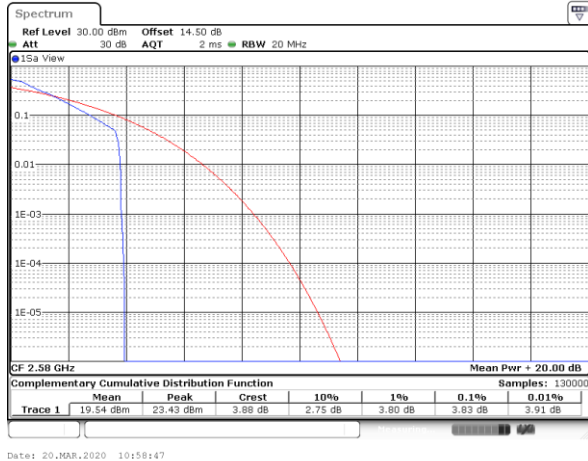
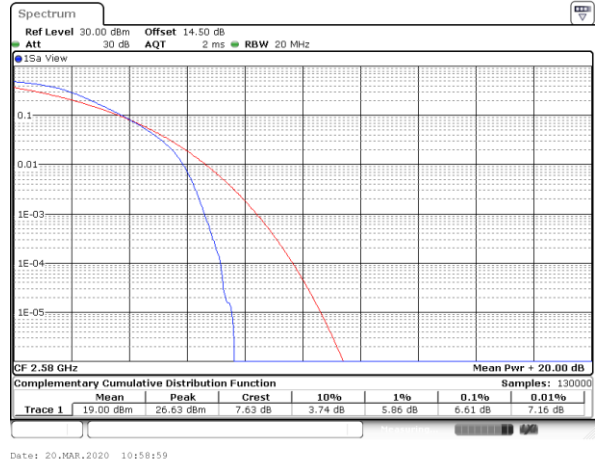
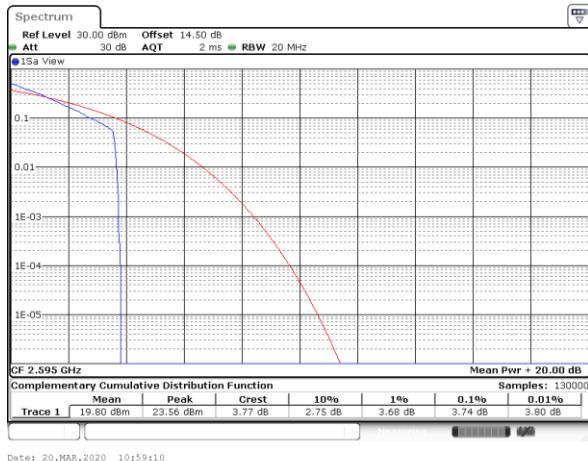
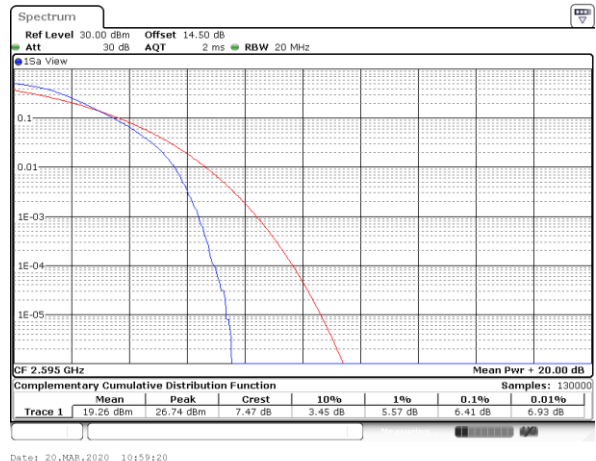
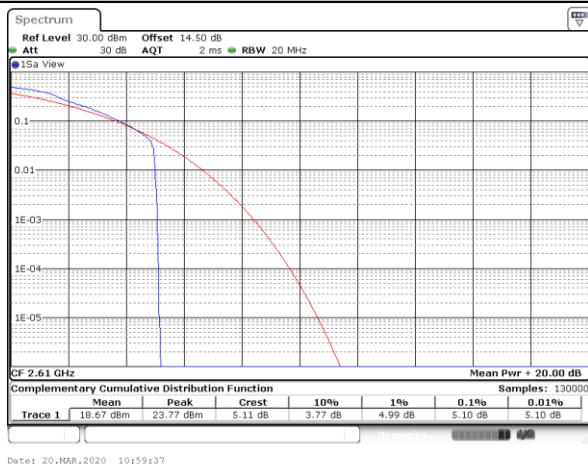
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.83	6.61	5.51	6.43	PASS
Middle CH	3.74	6.41	5.51	6.03	
Highest CH	5.10	6.75	5.86	6.81	
Mode	LTE Band 38 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.57	6.23	-	-	PASS
Middle CH	5.80	6.35	-	-	
Highest CH	6.00	6.09	-	-	

LTE Band 38 / 20MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB
