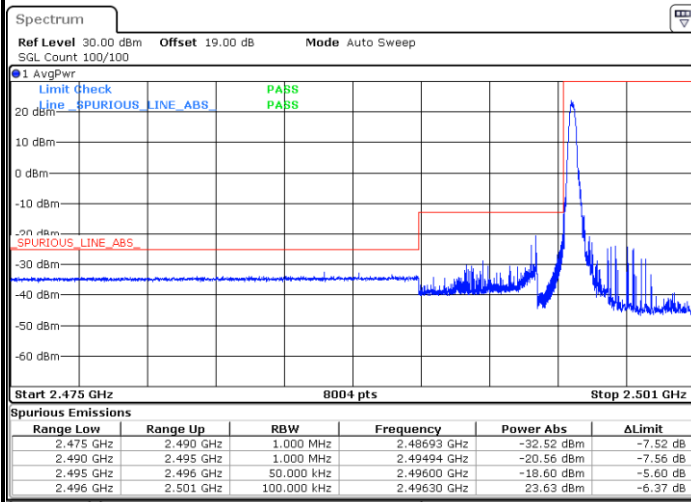


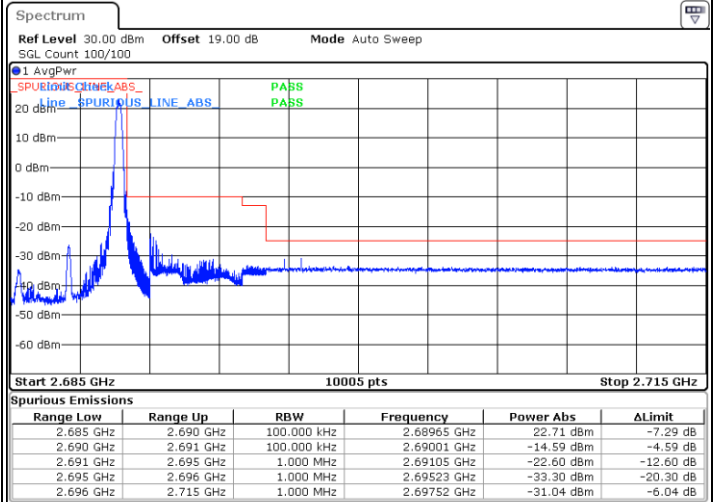


LTE Band 41 / 5MHz / 16QAM

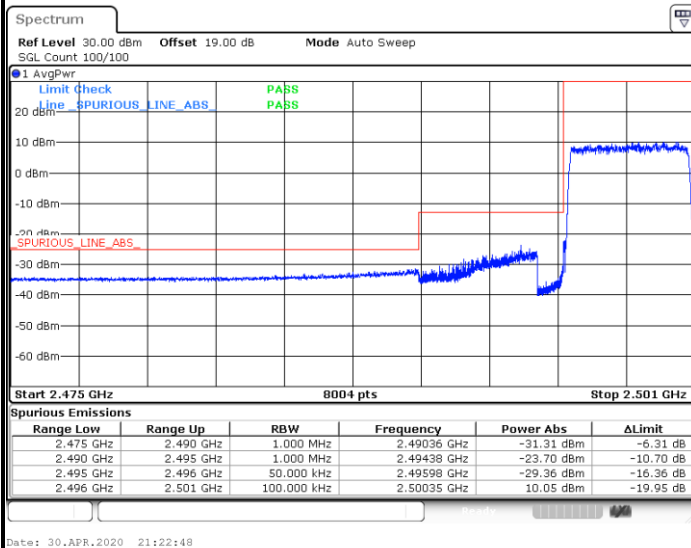
Lowest Band Edge / 1RB



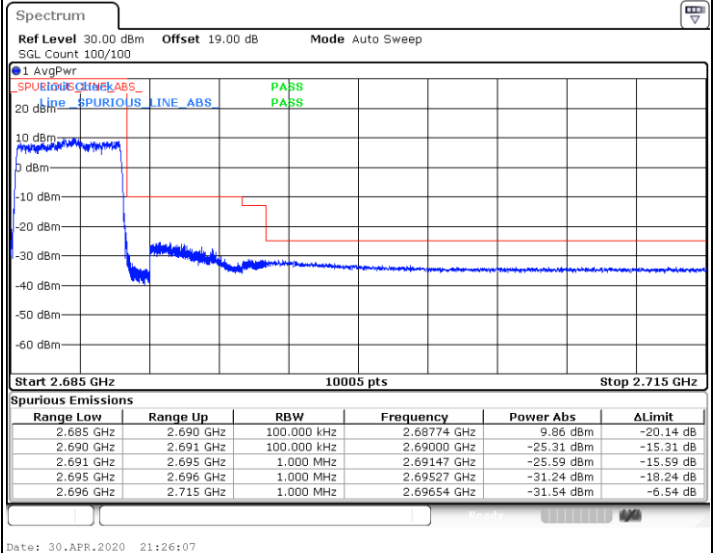
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



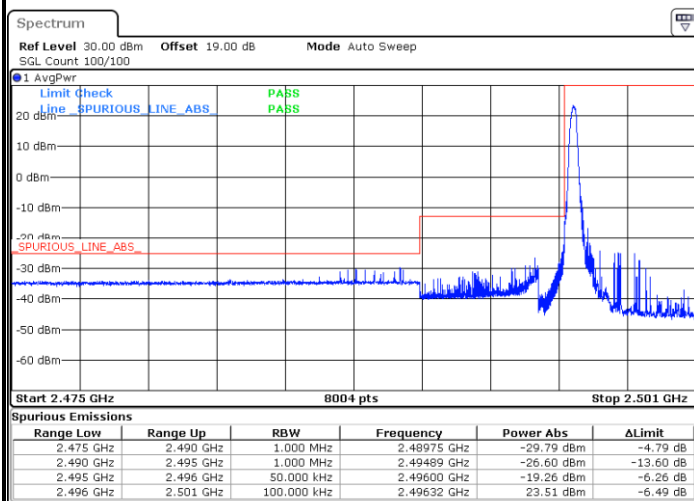
Highest Band Edge / Full RB



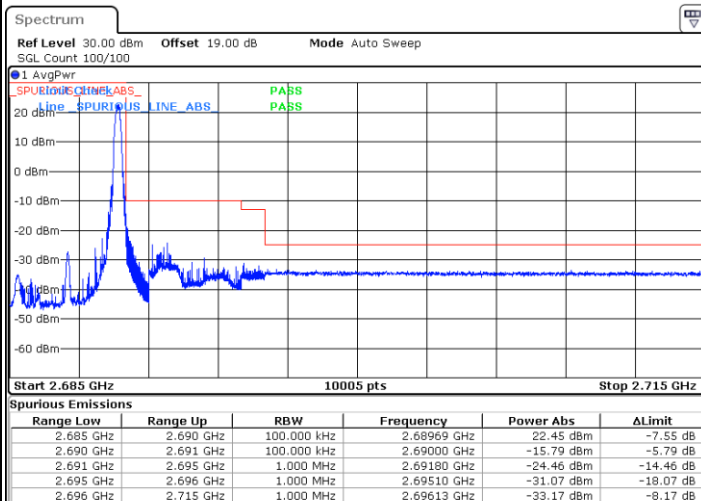


LTE Band 41 / 5MHz / 64QAM

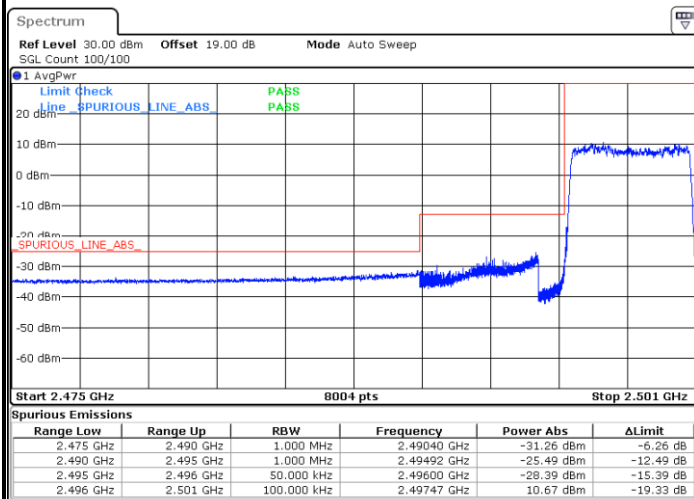
Lowest Band Edge / 1RB



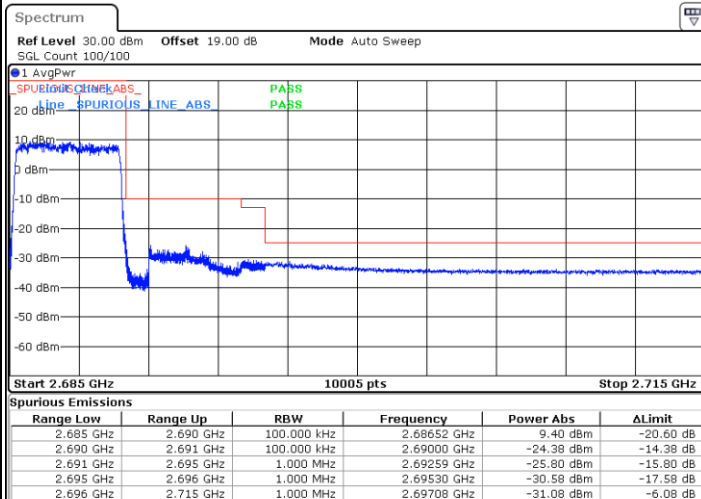
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



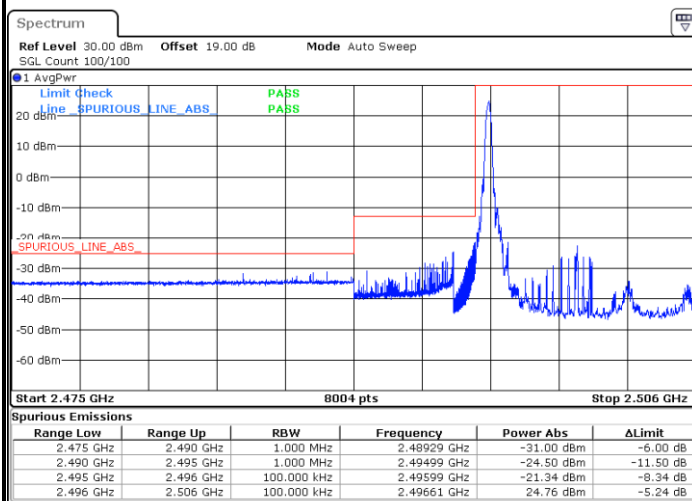
Highest Band Edge / Full RB



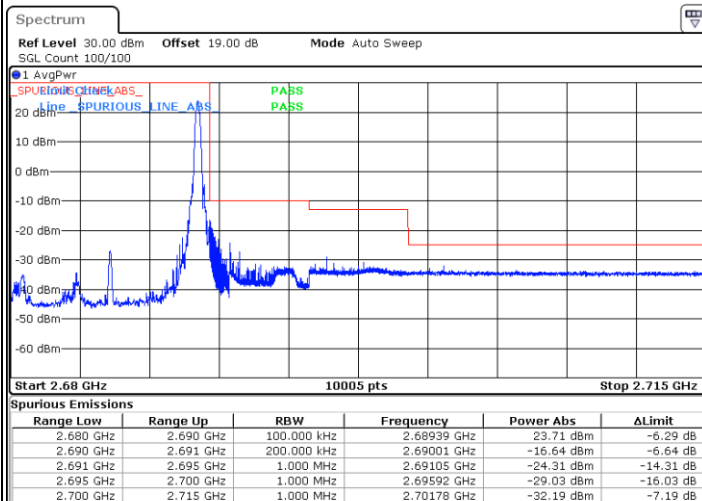


LTE Band 41 / 10MHz / QPSK

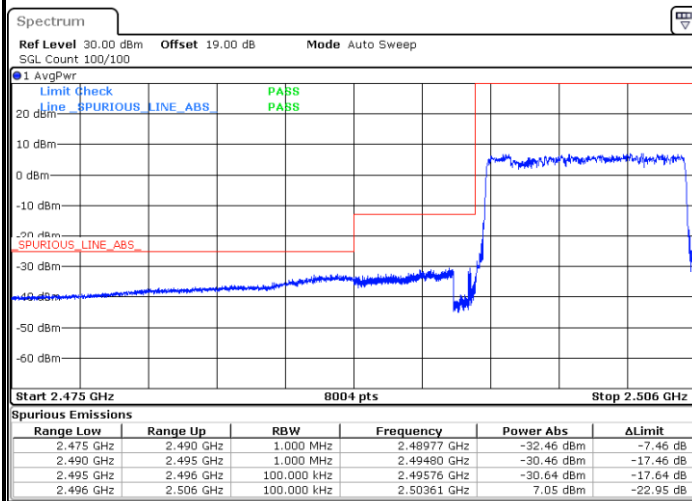
Lowest Band Edge / 1 RB



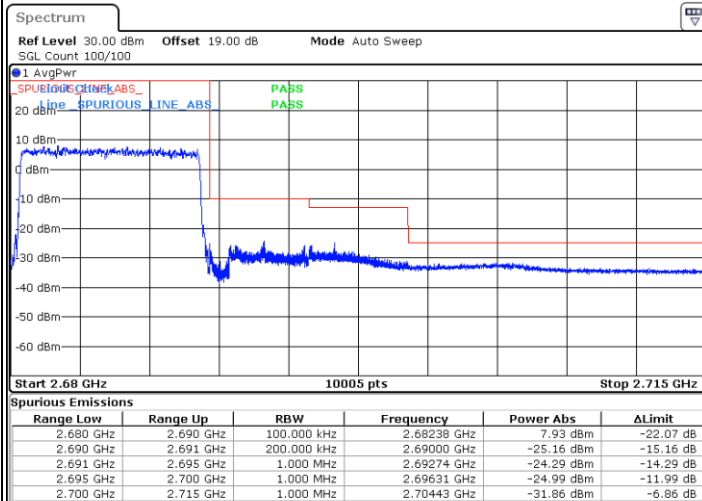
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



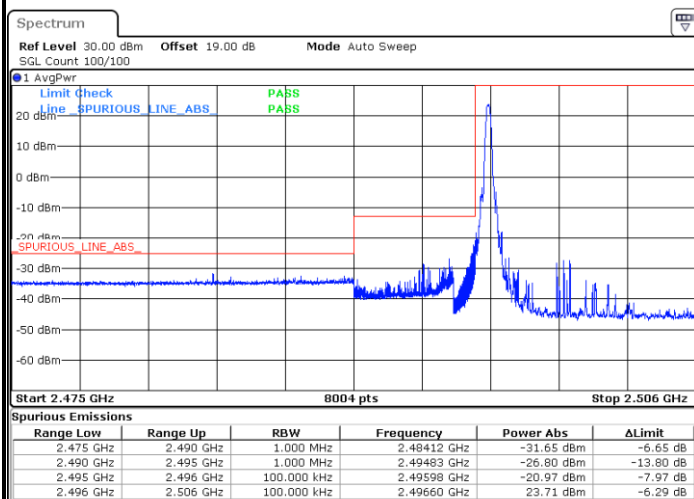
Highest Band Edge / Full RB



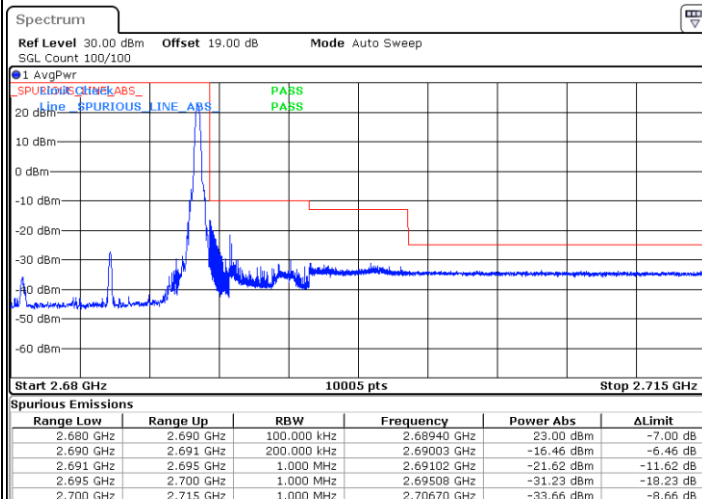


LTE Band 41 / 10MHz / 16QAM

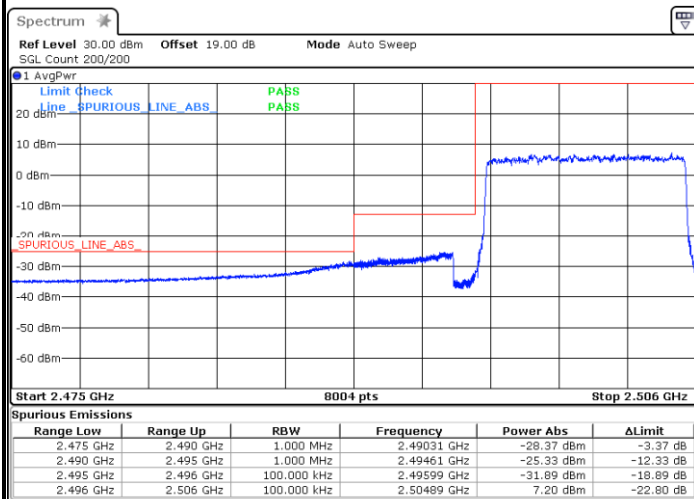
Lowest Band Edge / 1 RB



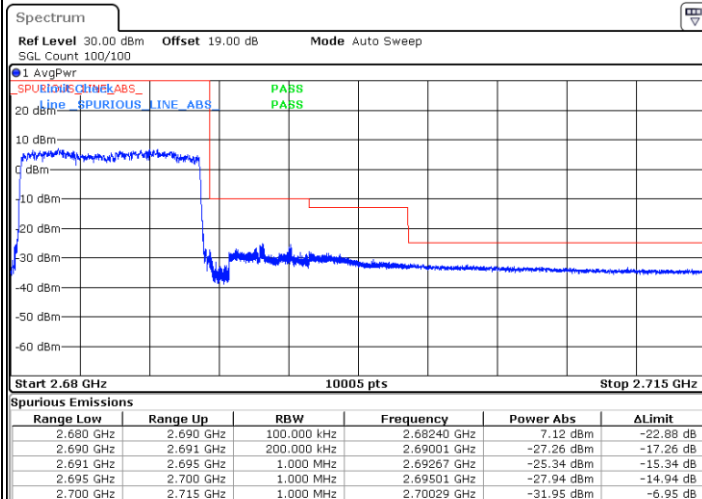
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



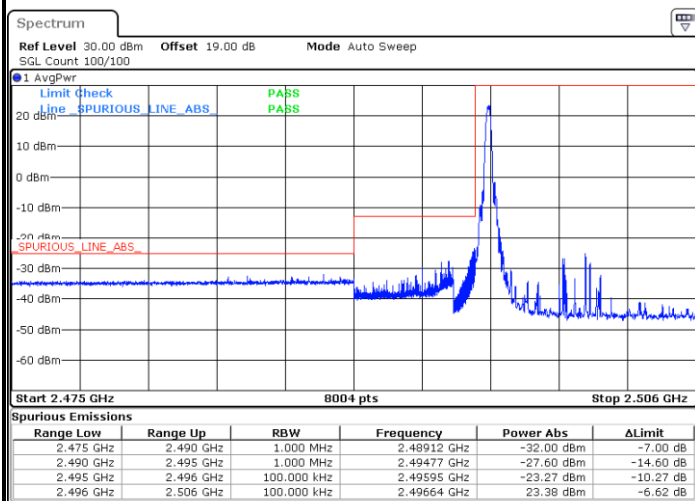
Highest Band Edge / Full RB



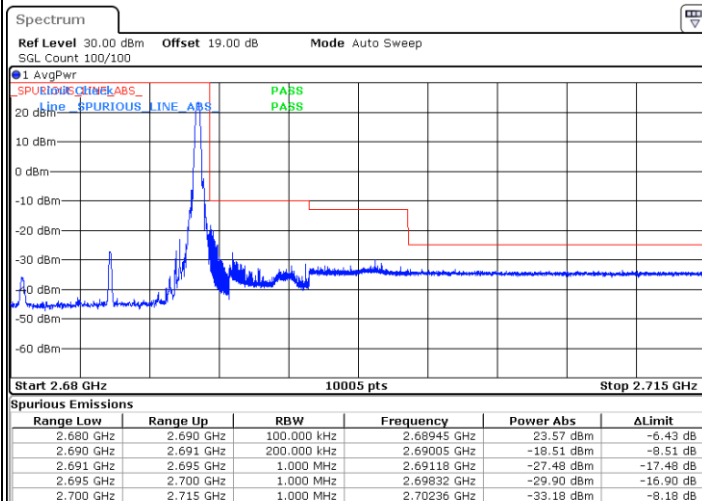


LTE Band 41 / 10MHz / 64QAM

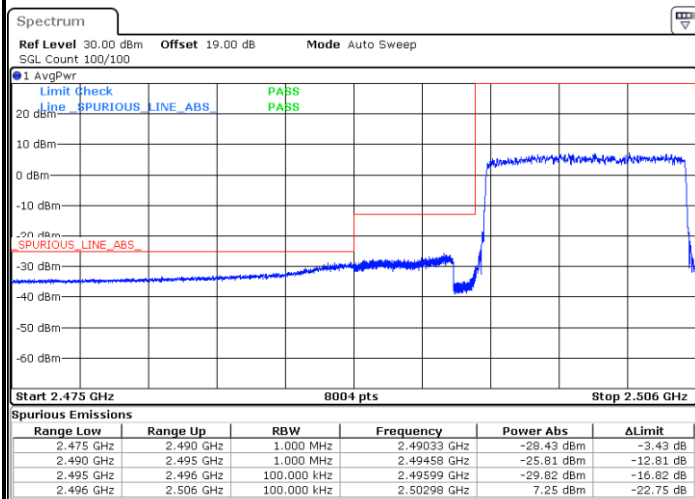
Lowest Band Edge / 1 RB



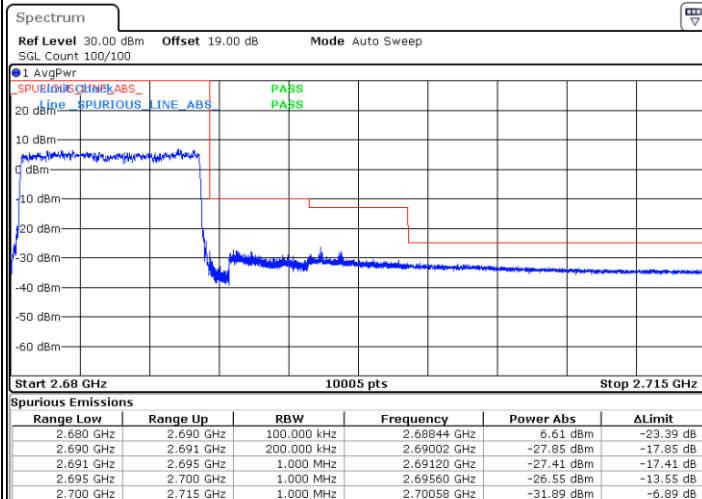
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



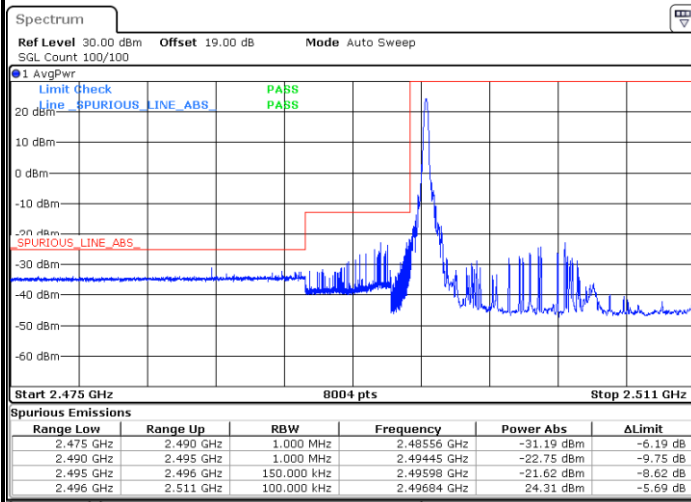
Highest Band Edge / Full RB



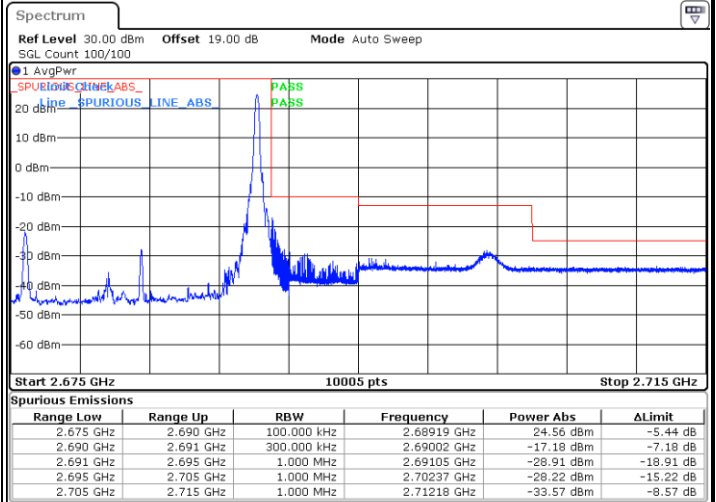


LTE Band 41 / 15MHz / QPSK

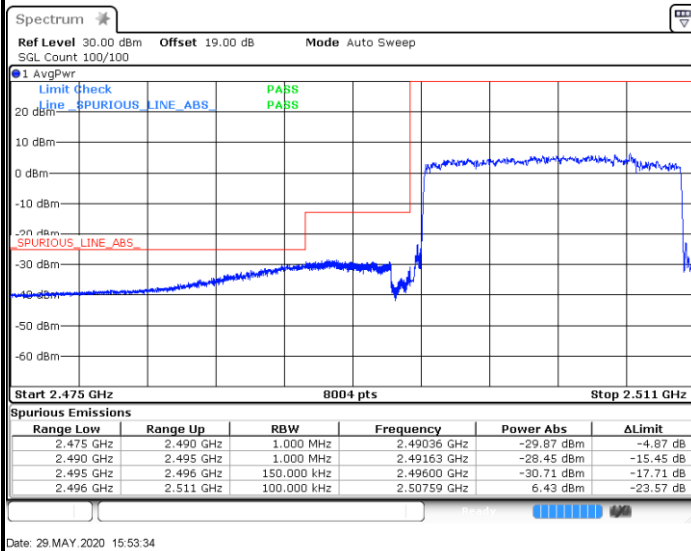
Lowest Band Edge / 1 RB



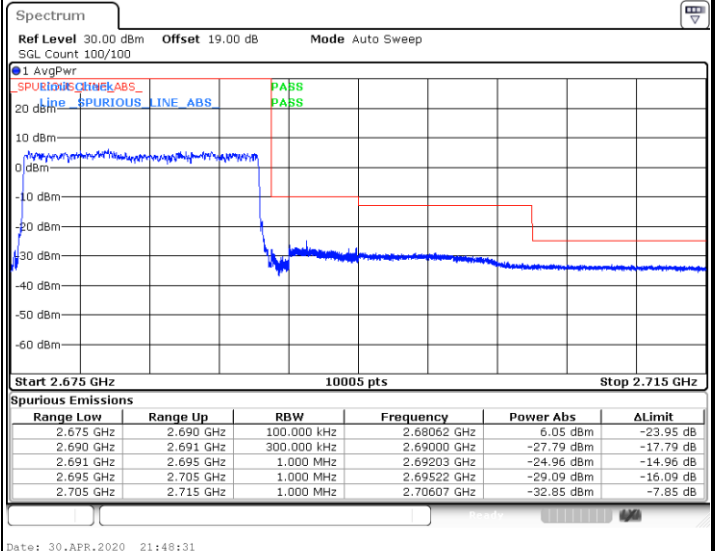
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



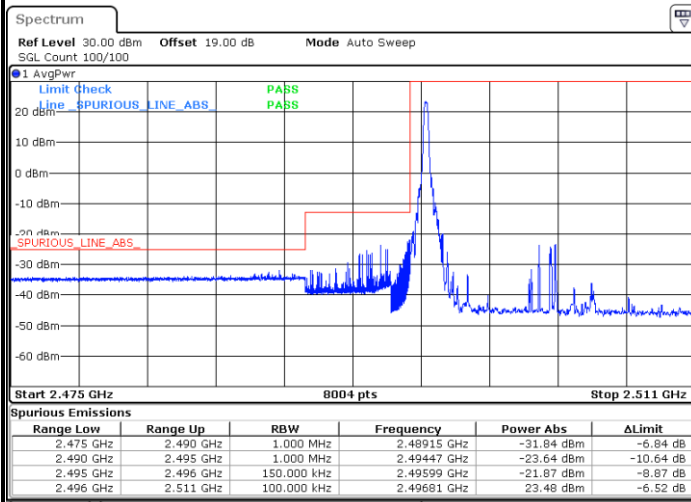
Highest Band Edge / Full RB



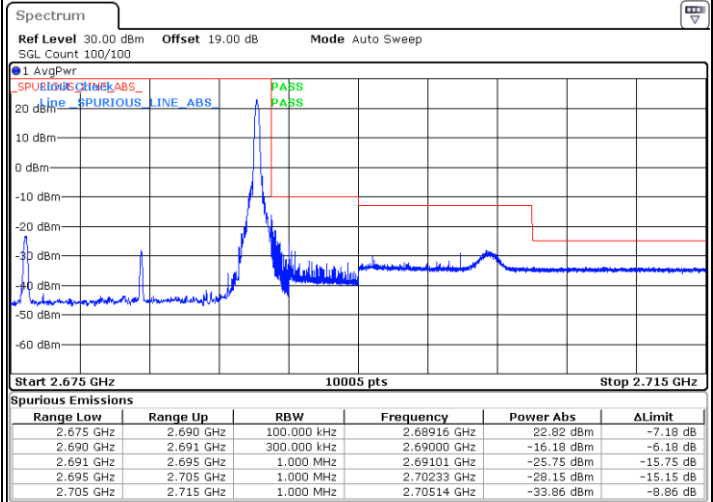


LTE Band 41 / 15MHz / 16QAM

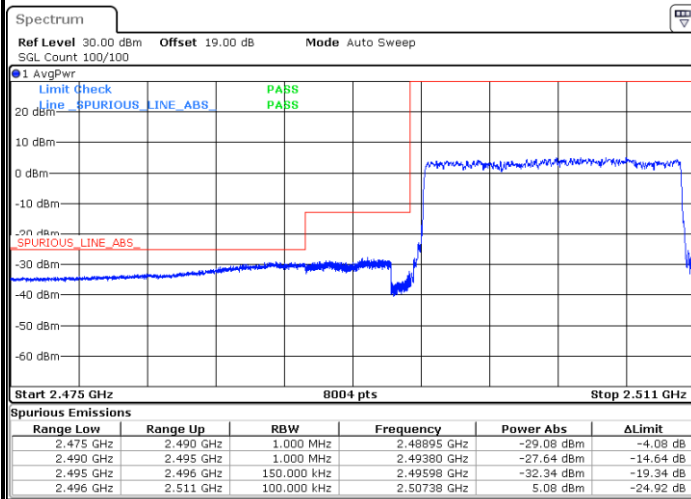
Lowest Band Edge / 1 RB



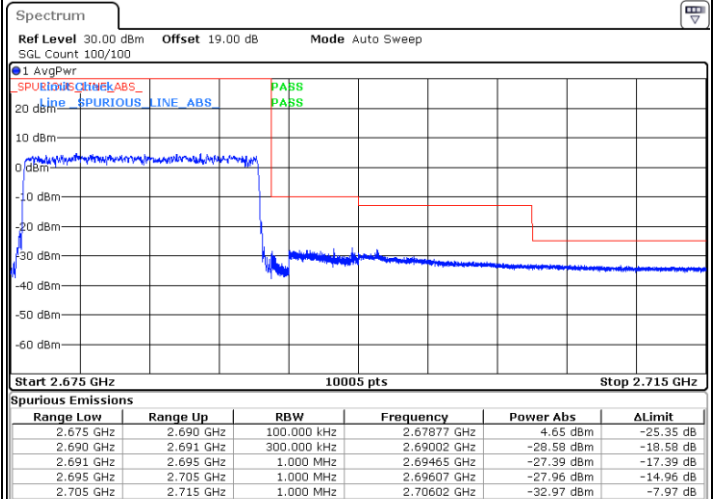
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



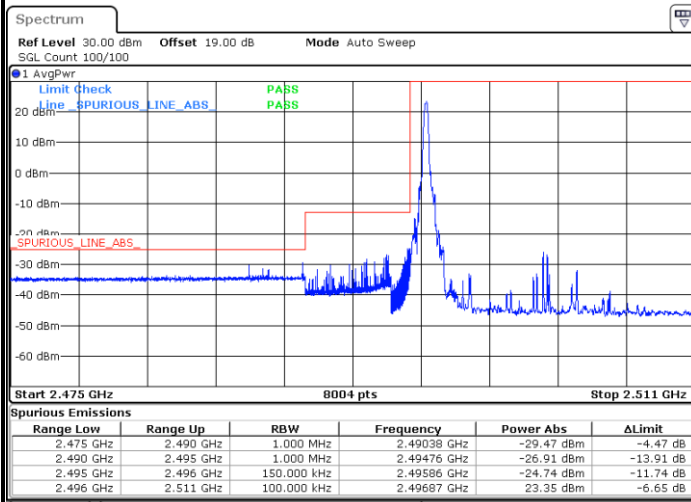
Highest Band Edge / Full RB



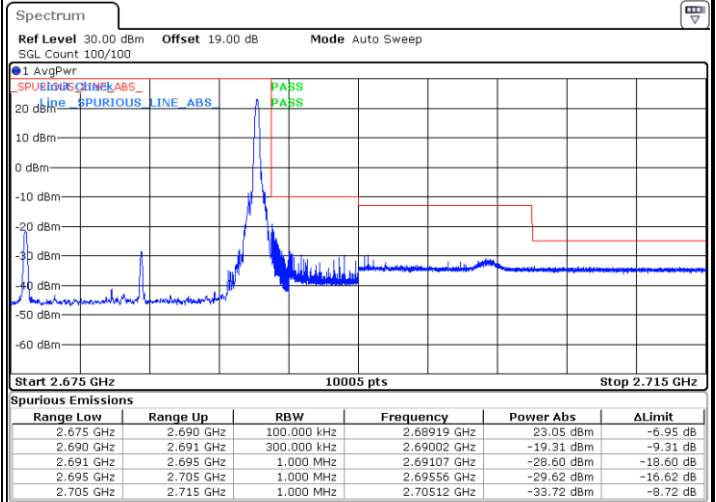


LTE Band 41 / 15MHz / 64QAM

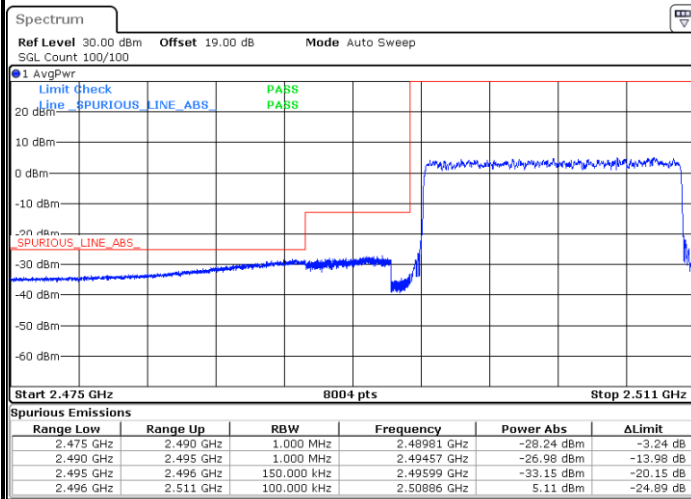
Lowest Band Edge / 1 RB



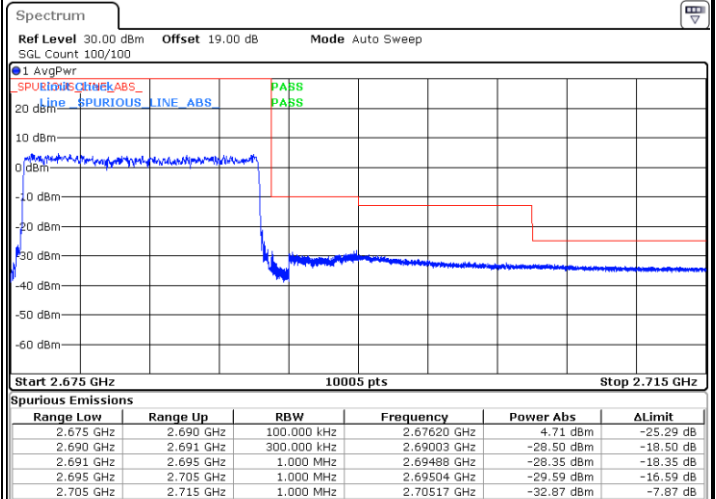
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



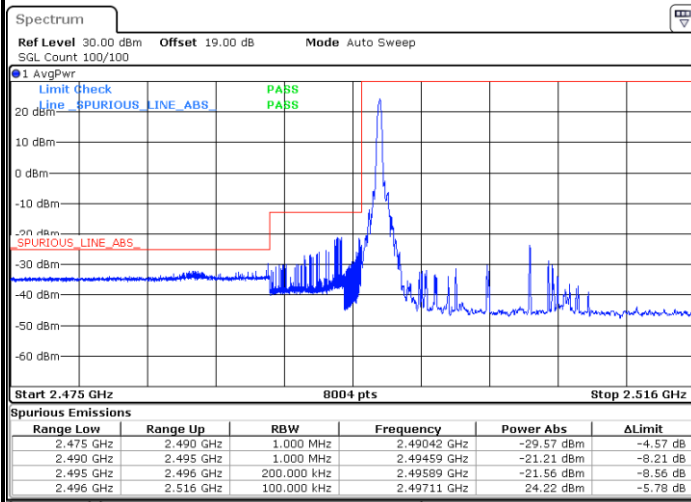
Highest Band Edge / Full RB



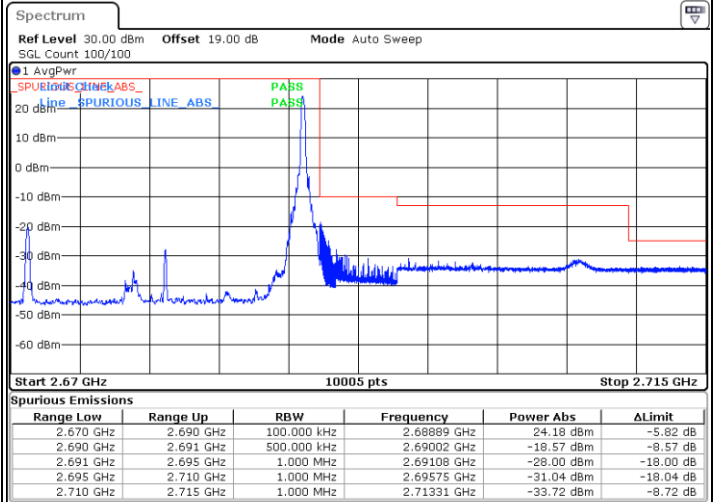


LTE Band 41 / 20MHz / QPSK

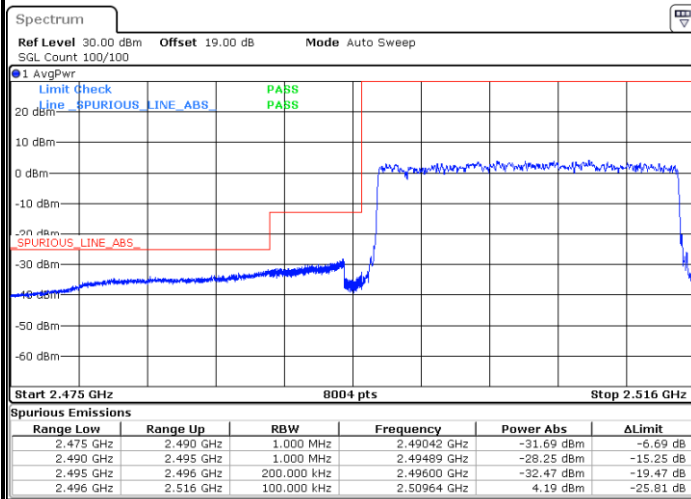
Lowest Band Edge / 1 RB



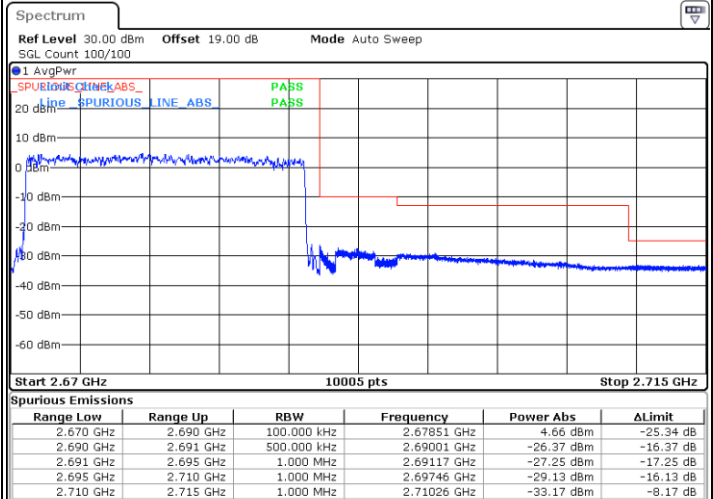
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



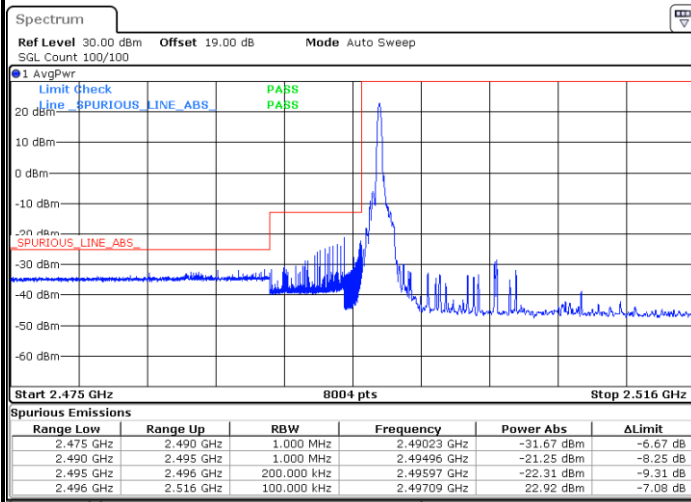
Highest Band Edge / Full RB



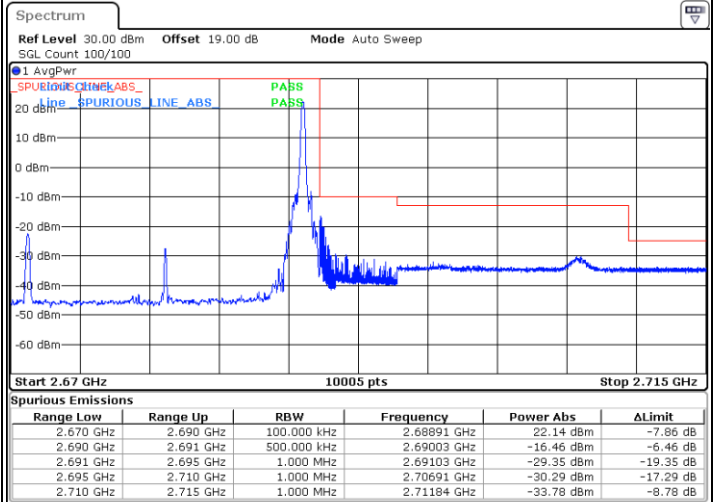


LTE Band 41 / 20MHz / 16QAM

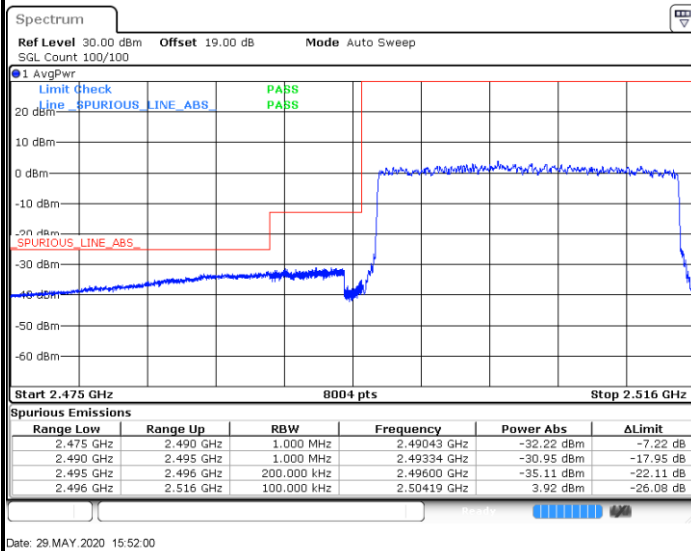
Lowest Band Edge / 1 RB



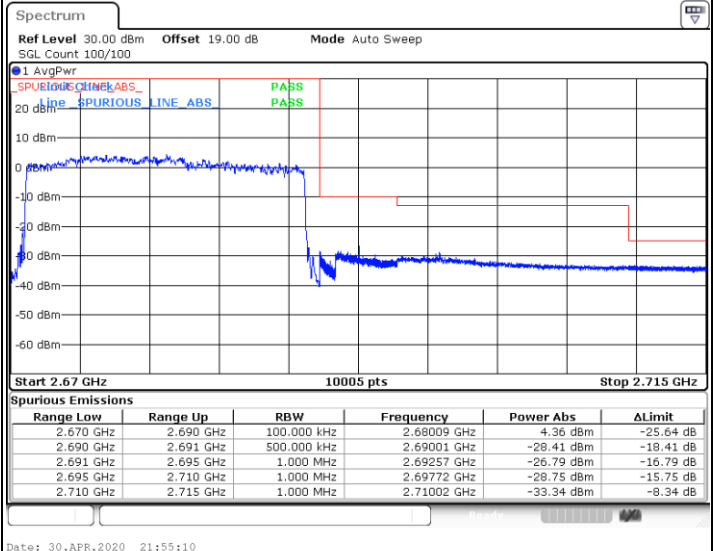
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



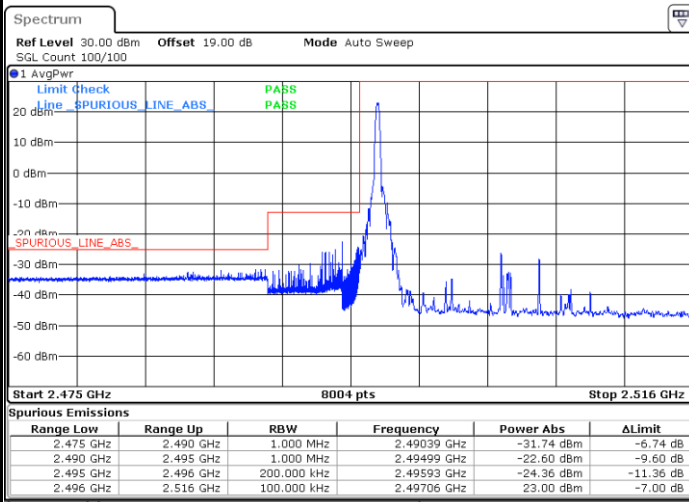
Highest Band Edge / Full RB



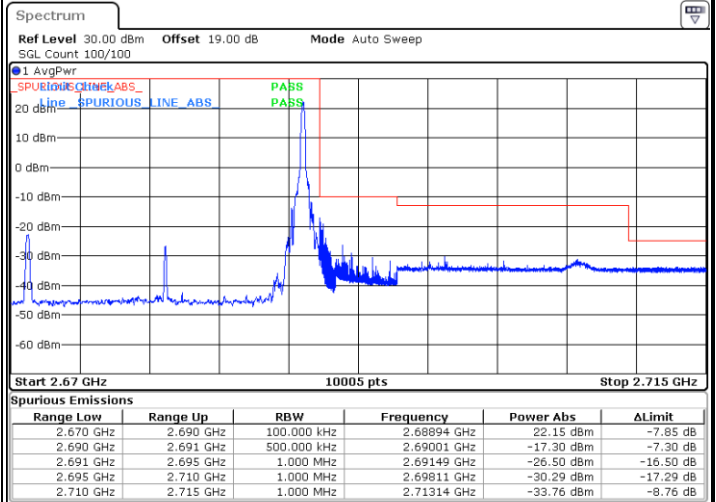


LTE Band 41 / 20MHz / 64QAM

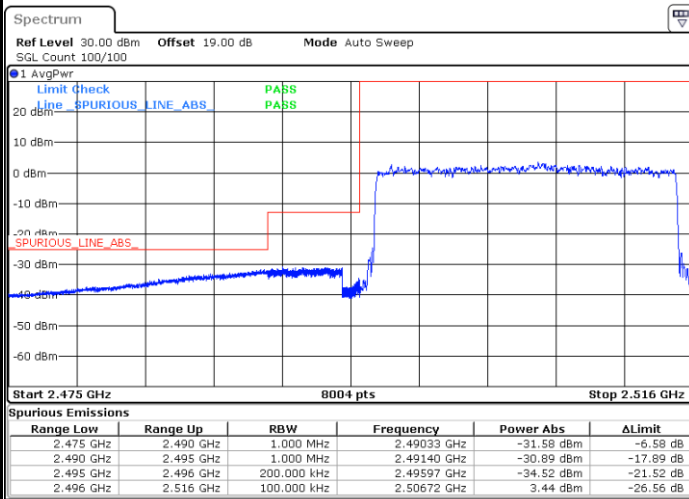
Lowest Band Edge / 1 RB



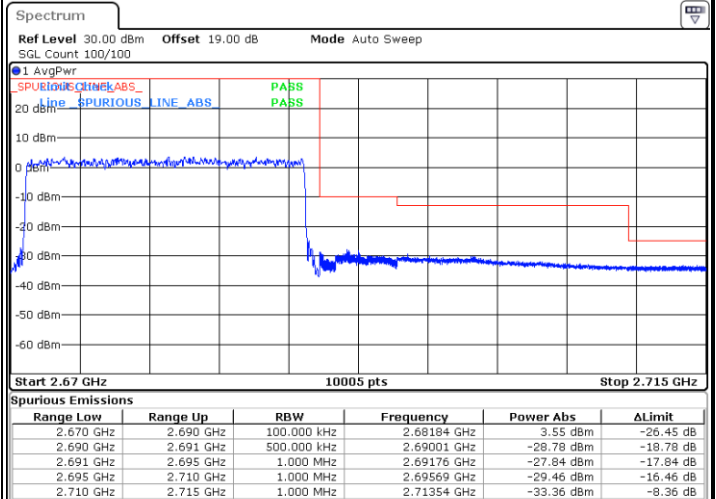
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

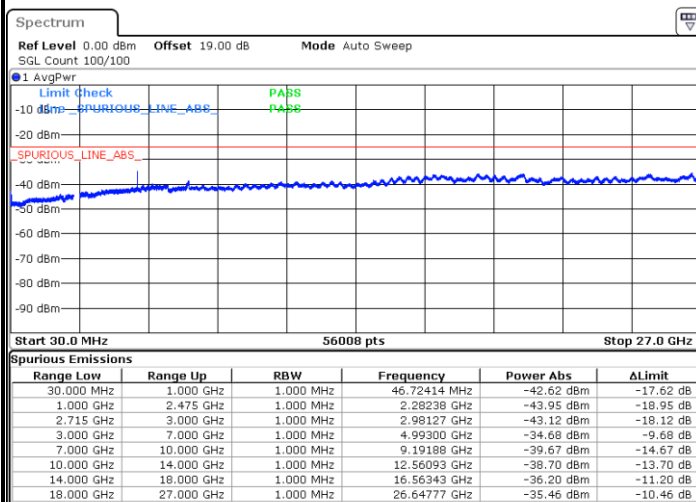




Conducted Spurious Emission

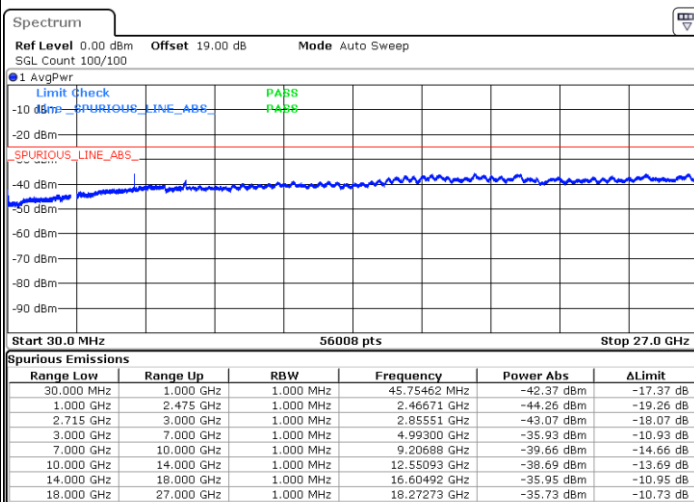
LTE Band 41 / 5MHz

Lowest Channel / QPSK



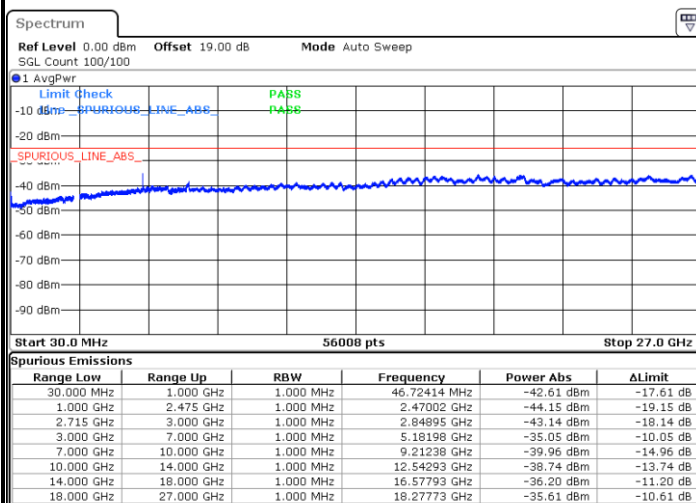
Date: 30.APR.2020 23:19:07

Lowest Channel / 16QAM



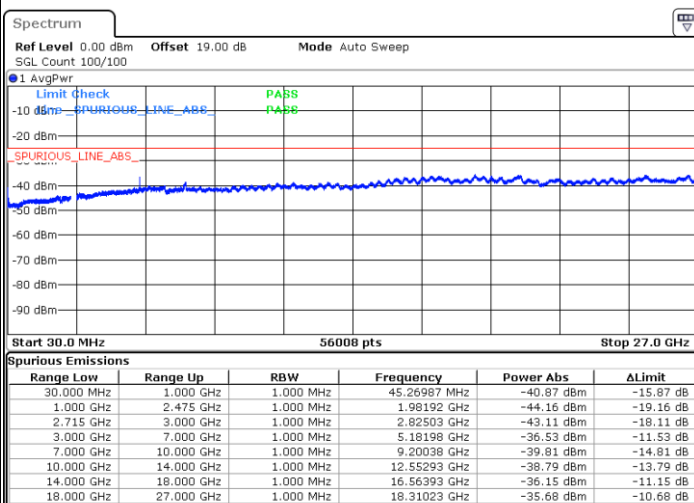
Date: 30.APR.2020 23:20:17

Middle Channel / QPSK



Date: 30.APR.2020 23:21:27

Middle Channel / 16QAM

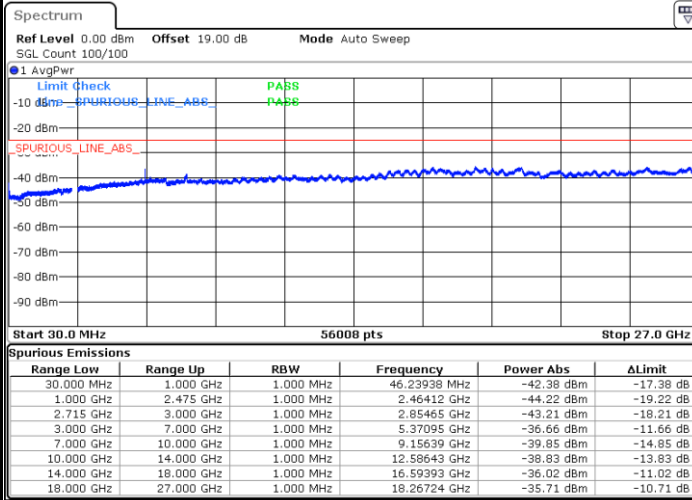


Date: 30.APR.2020 23:22:37



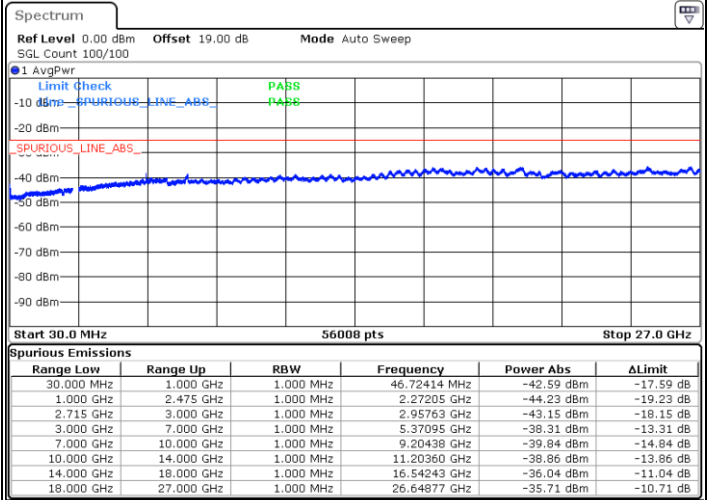
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 30.APR.2020 23:23:47

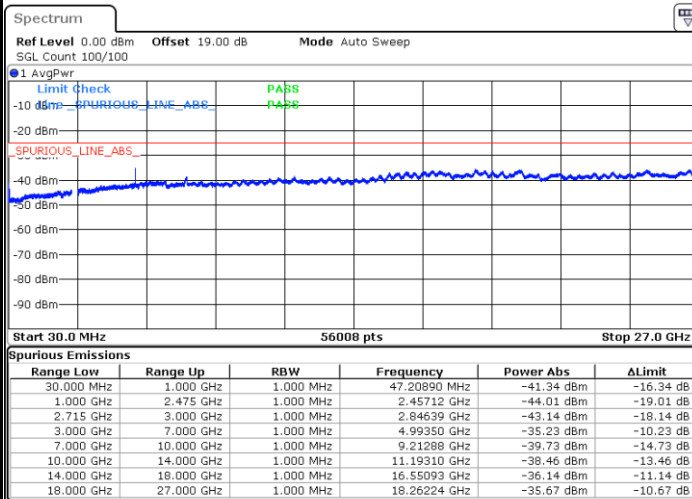
Highest Channel / 16QAM



Date: 30.APR.2020 23:24:57

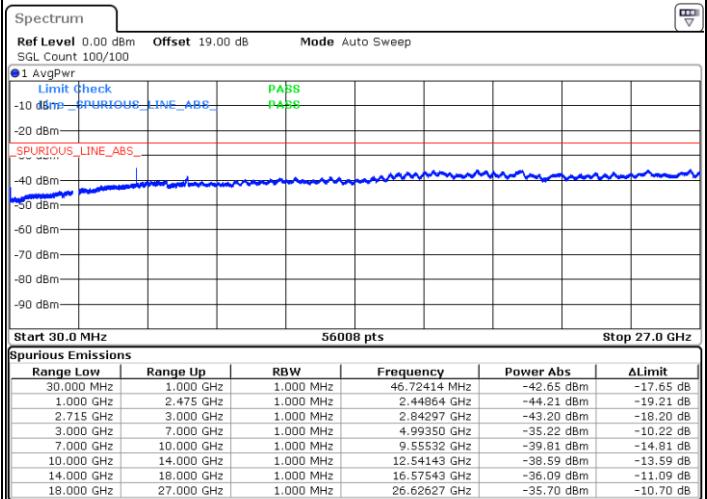
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 30.APR.2020 23:33:07

Lowest Channel / 16QAM

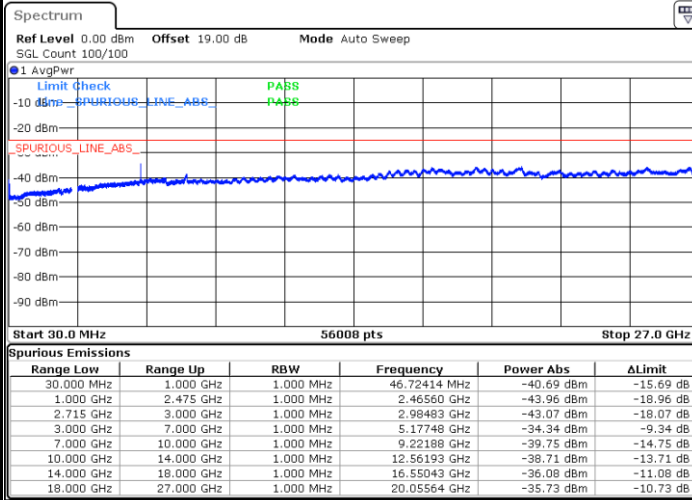


Date: 30.APR.2020 23:34:17



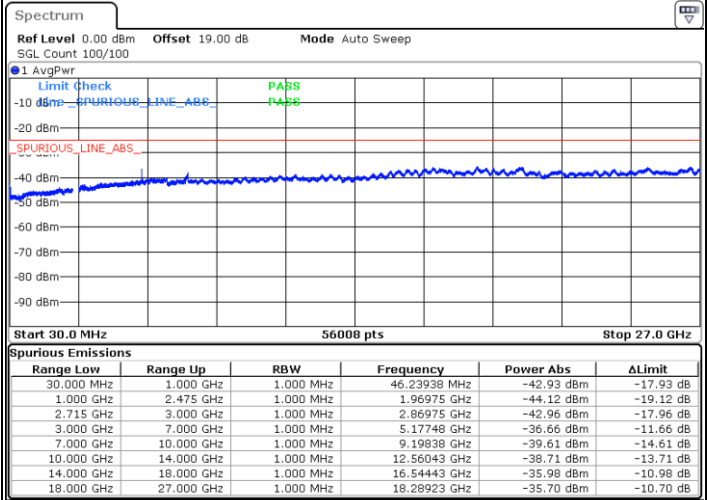
LTE Band 41 / 10MHz

Middle Channel / QPSK



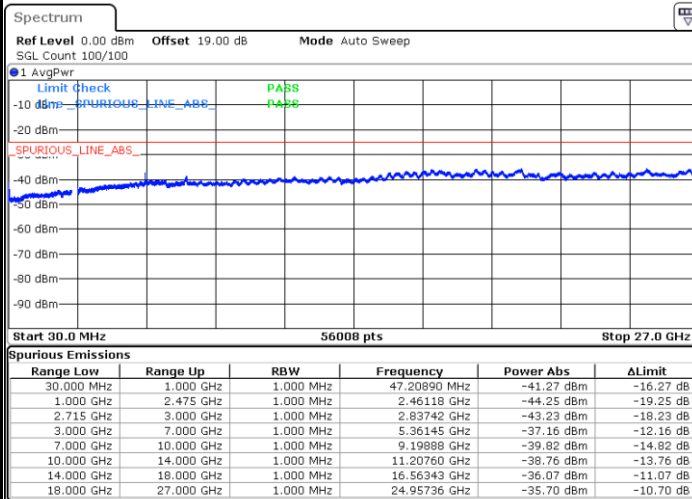
Date: 30.APR.2020 23:35:27

Middle Channel / 16QAM



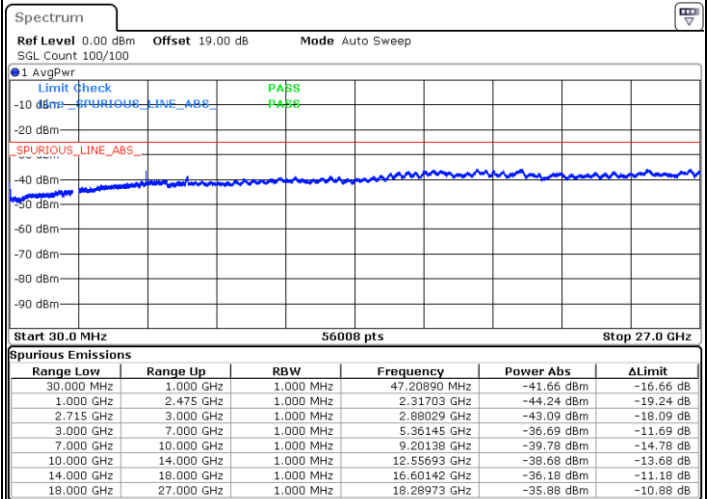
Date: 30.APR.2020 23:36:37

Highest Channel / QPSK



Date: 30.APR.2020 23:37:47

Highest Channel / 16QAM

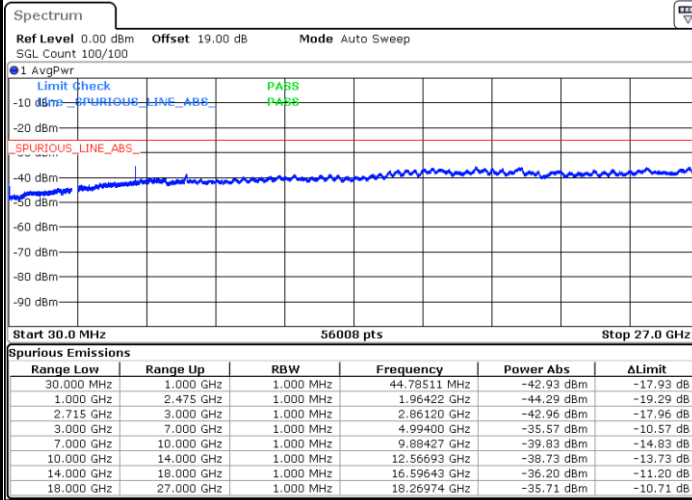


Date: 30.APR.2020 23:38:57



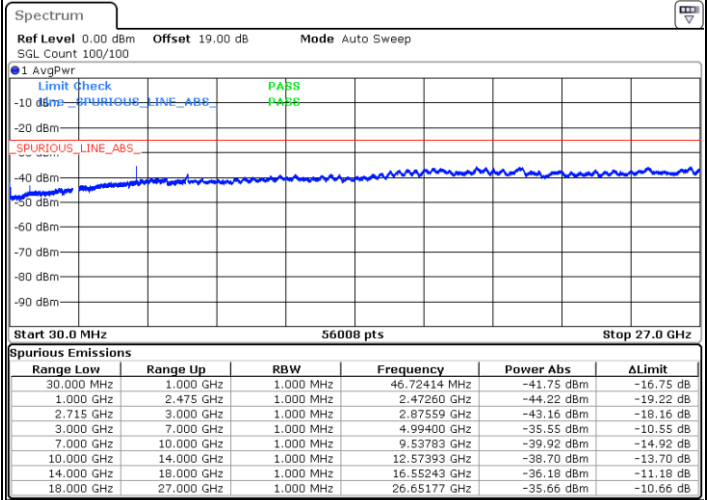
LTE Band 41 / 15MHz

Lowest Channel / QPSK



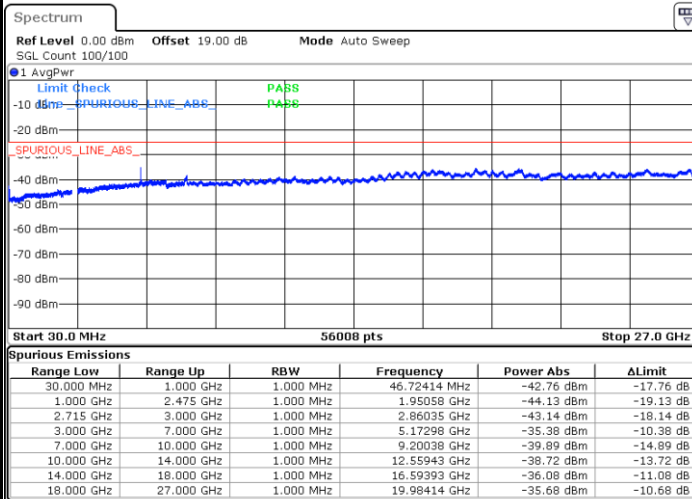
Date: 30.APR.2020 23:40:07

Lowest Channel / 16QAM



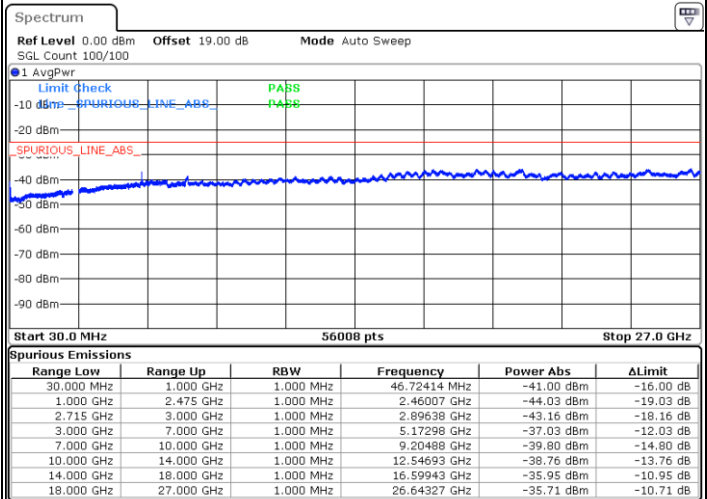
Date: 30.APR.2020 23:41:17

Middle Channel / QPSK



Date: 30.APR.2020 23:42:27

Middle Channel / 16QAM

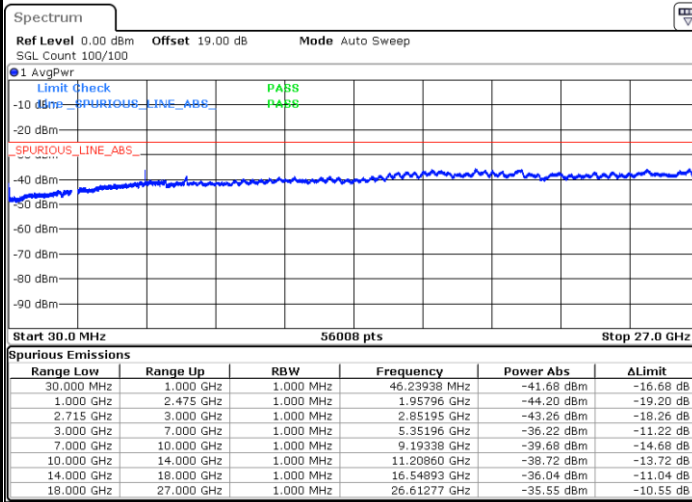


Date: 30.APR.2020 23:43:37



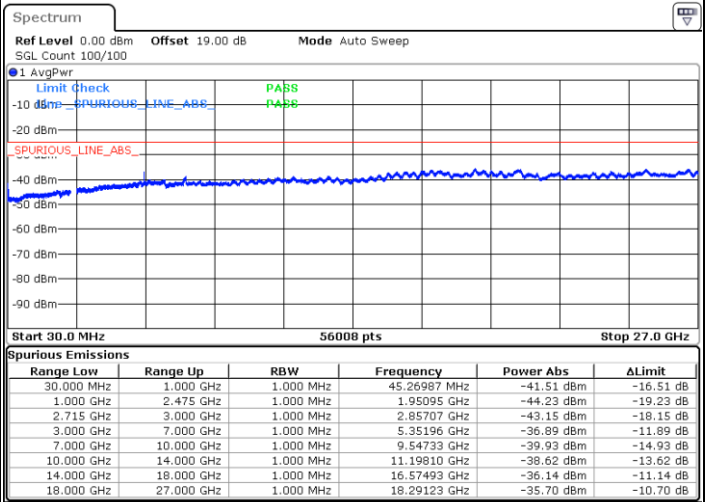
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 30.APR.2020 23:44:47

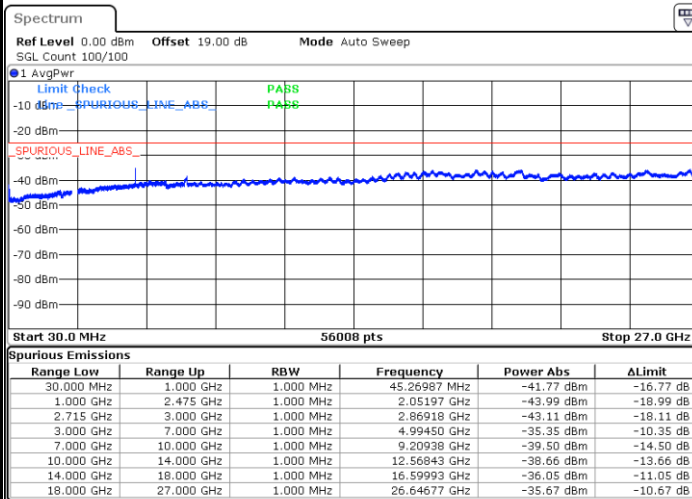
Highest Channel / 16QAM



Date: 30.APR.2020 23:45:57

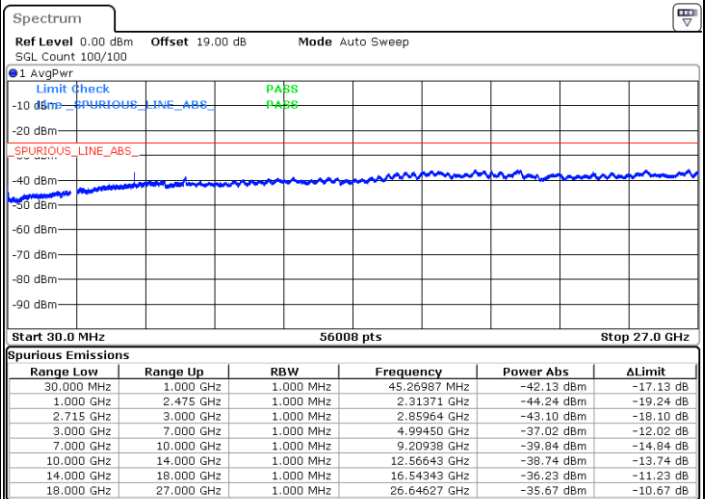
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 30.APR.2020 23:50:38

Lowest Channel / 16QAM

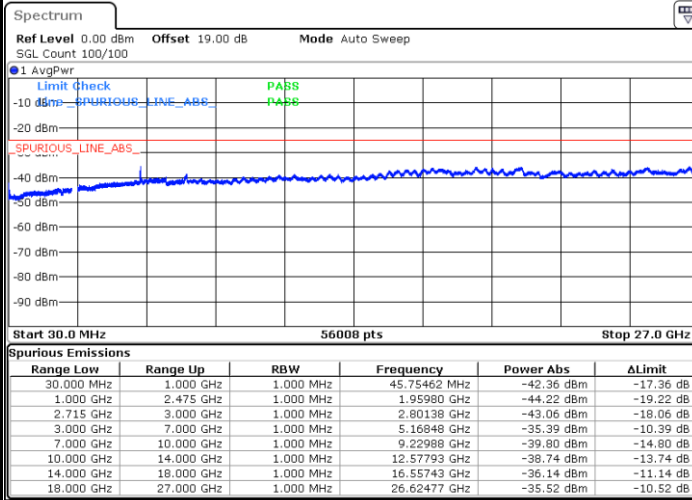


Date: 30.APR.2020 23:51:48



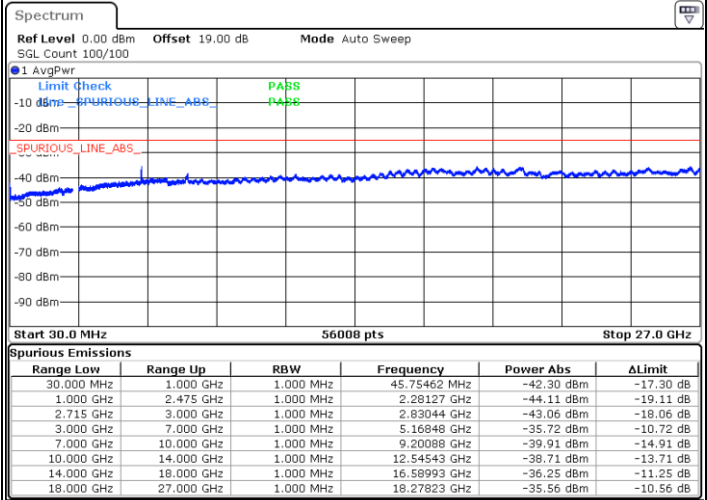
LTE Band 41 / 20MHz

Middle Channel / QPSK



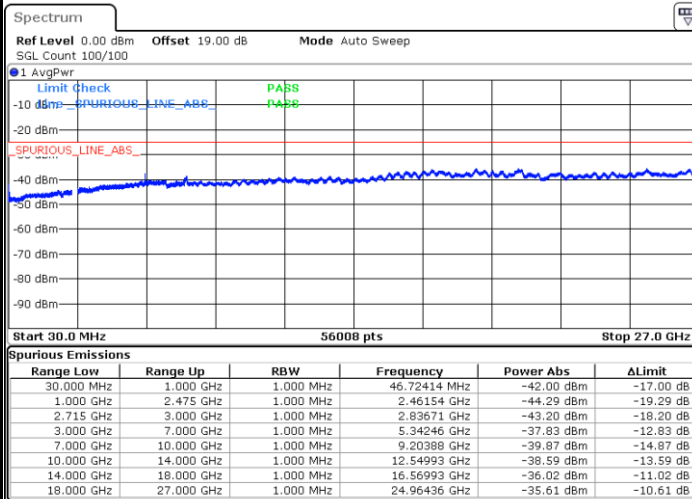
Date: 30.APR.2020 23:52:58

Middle Channel / 16QAM



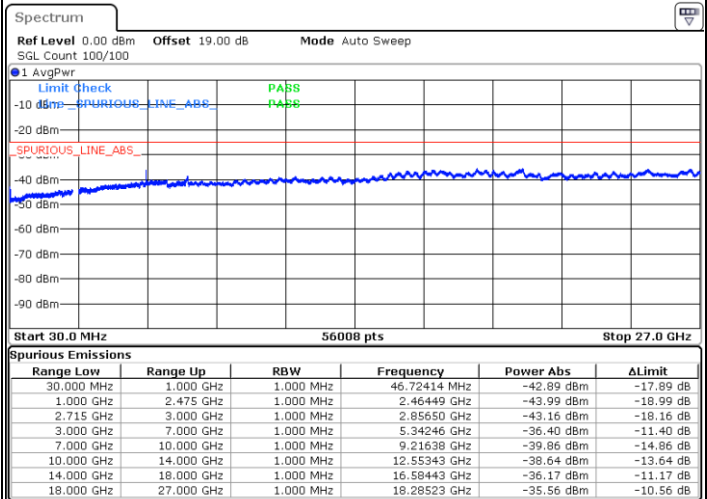
Date: 30.APR.2020 23:54:08

Highest Channel / QPSK



Date: 30.APR.2020 23:55:18

Highest Channel / 16QAM

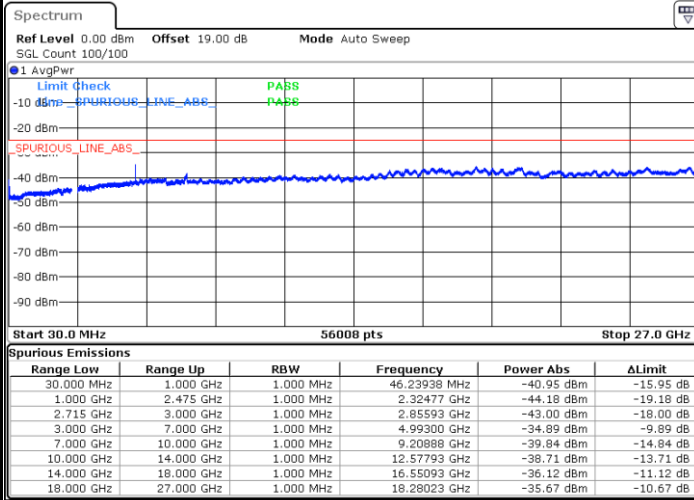


Date: 30.APR.2020 23:56:28



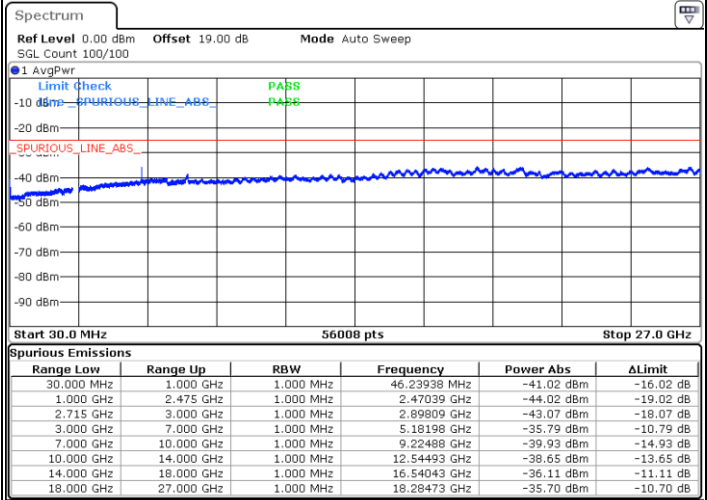
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



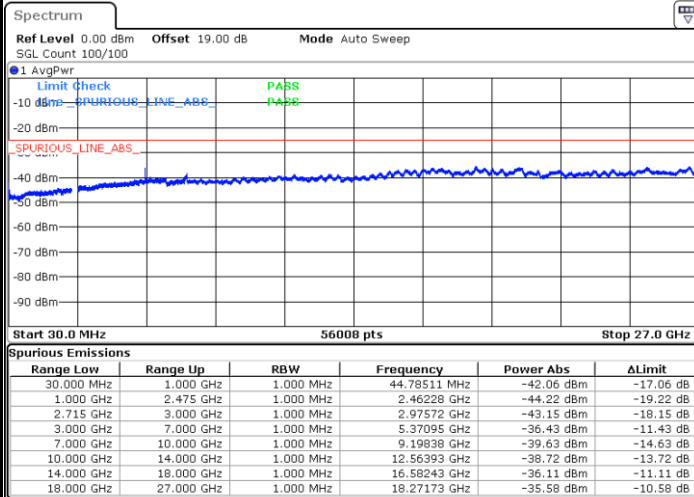
Date: 30.APR.2020 23:26:07

Middle Channel / 64QAM



Date: 30.APR.2020 23:27:17

Highest Channel / 64QAM

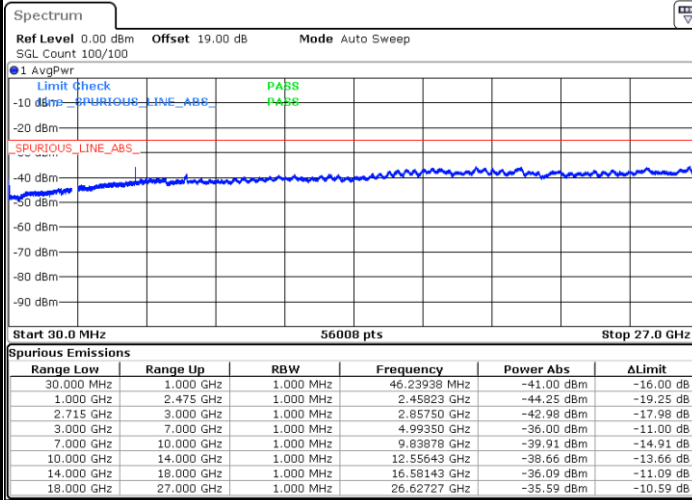


Date: 30.APR.2020 23:28:27



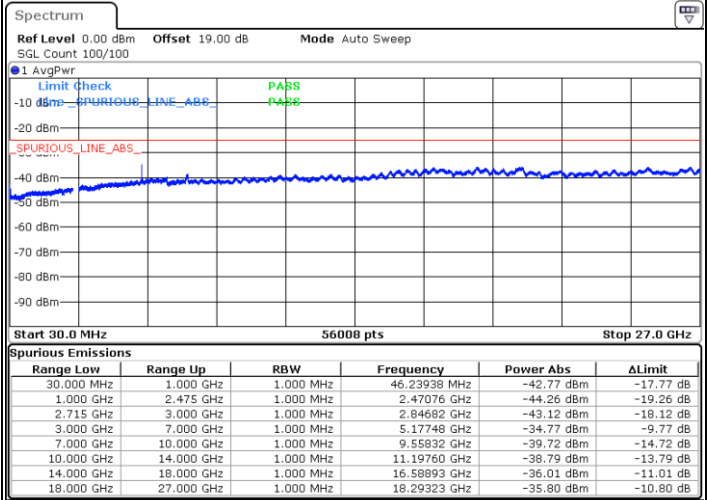
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



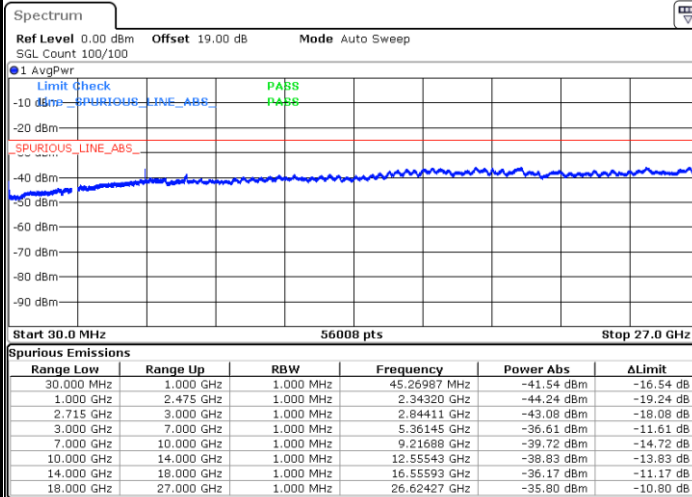
Date: 30.APR.2020 23:29:37

Middle Channel / 64QAM



Date: 30.APR.2020 23:30:47

Highest Channel / 64QAM

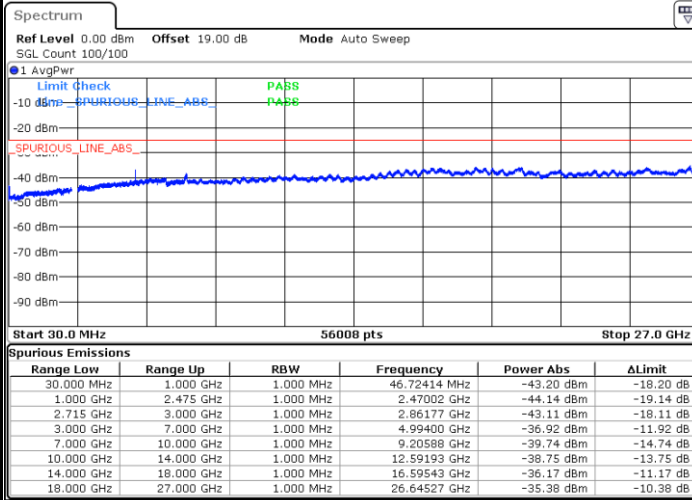


Date: 30.APR.2020 23:31:57



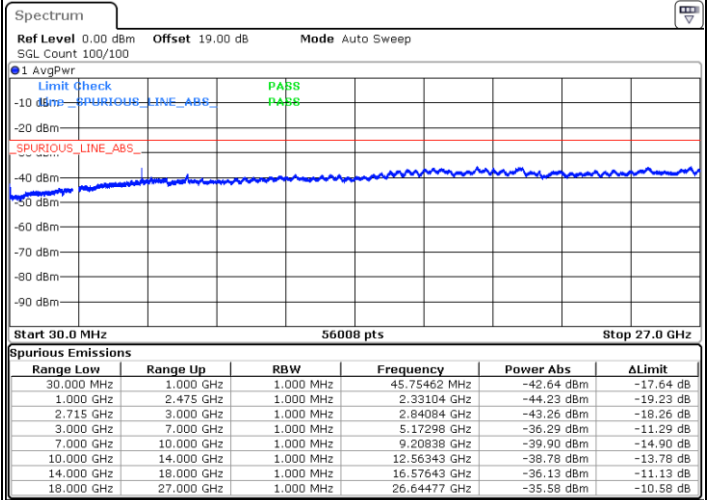
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



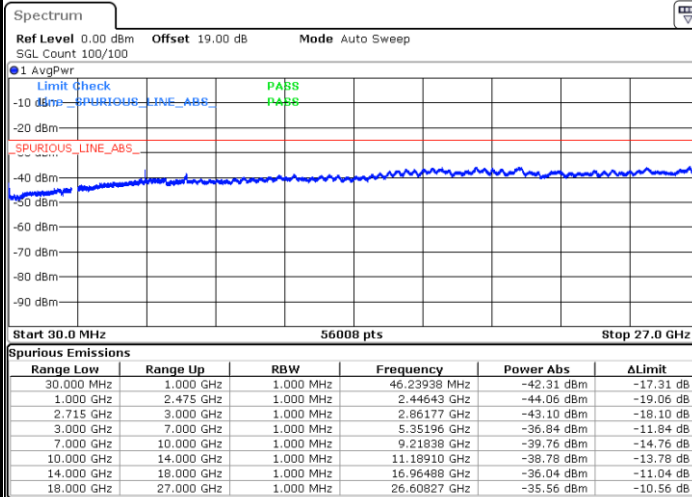
Date: 30.APR.2020 23:47:07

Middle Channel / 64QAM



Date: 30.APR.2020 23:48:17

Highest Channel / 64QAM

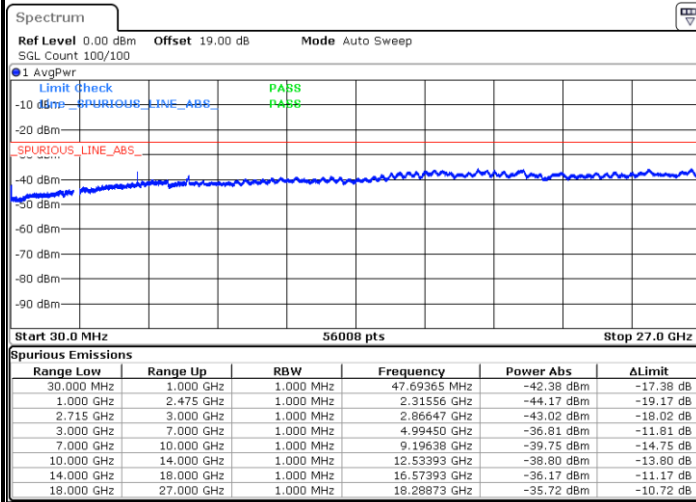


Date: 30.APR.2020 23:49:27



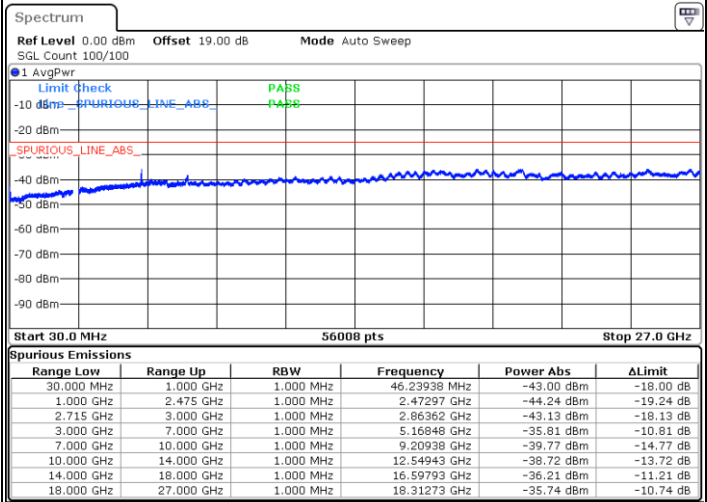
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



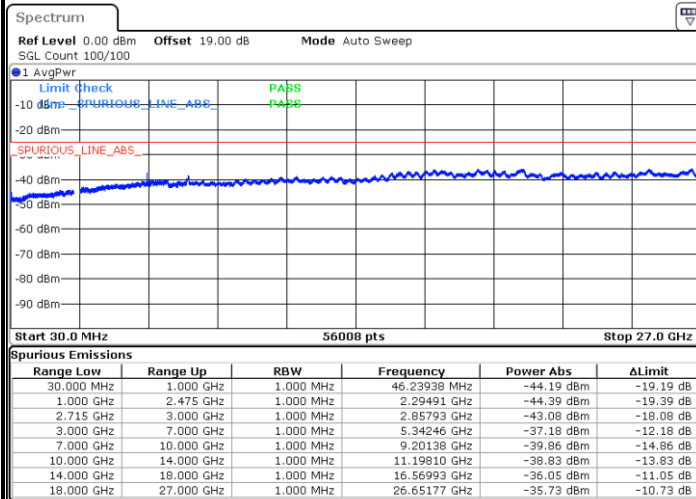
Date: 30.APR.2020 23:57:38

Middle Channel / 64QAM



Date: 30.APR.2020 23:58:48

Highest Channel / 64QAM



Date: 30.APR.2020 23:59:58

**Frequency Stability**

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.6 V. ; Battery End Point (BEP) =3.87 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	30.03	25.52	30.57	34.76
Middle CH	29.79	25.38	30.51	34.69
Highest CH	29.79	25.43	30.57	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.90	40.12	-
Middle CH	29.91	34.83	39.80	-
Highest CH	30.03	34.97	39.80	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.91	25.43	30.45	34.83
Middle CH	29.91	25.33	30.69	34.90
Highest CH	29.79	25.52	30.39	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.83	39.96	-
Middle CH	30.03	35.04	39.88	-
Highest CH	30.21	34.97	39.80	-

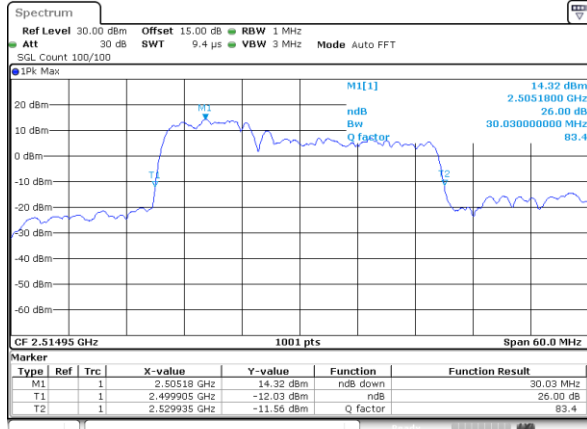
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	29.73	25.57	30.57	34.69
Middle CH	29.73	25.33	30.51	34.76
Highest CH	29.91	25.48	30.57	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	29.97	34.97	39.96	-
Middle CH	30.21	34.83	39.80	-
Highest CH	29.91	35.11	40.04	-



LTE Band 7C

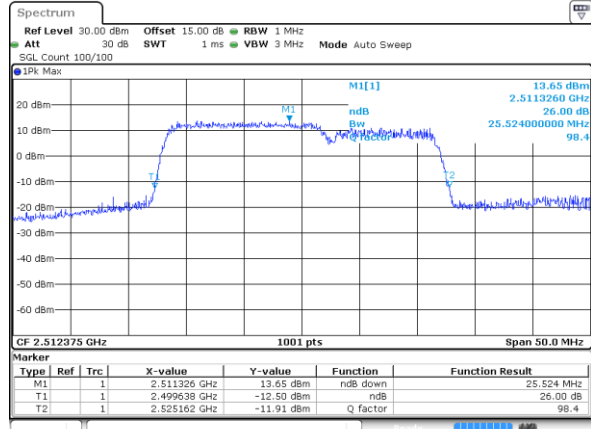
QPSK

Lowest Channel / 10MHz+20MHz



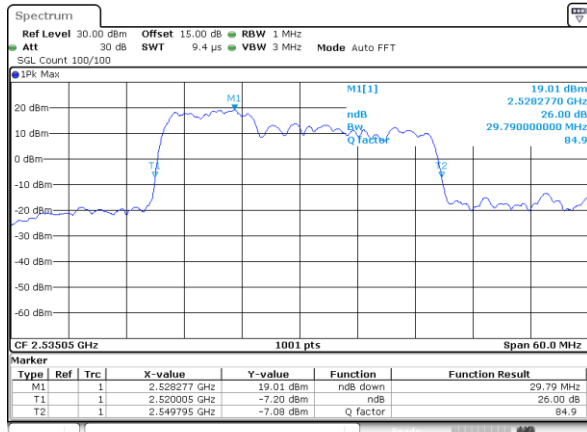
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Lowest Channel / 15MHz+10MHz



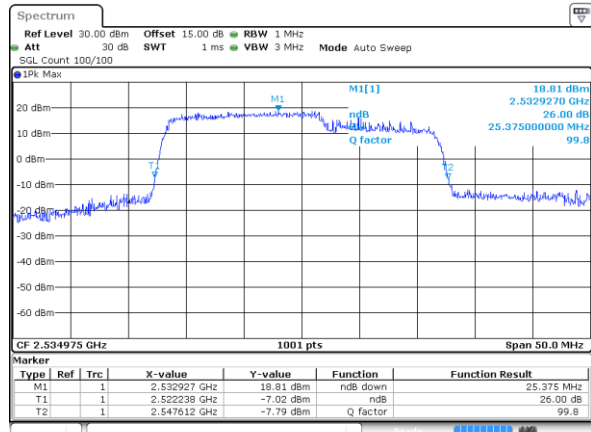
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Middle Channel / 10MHz+20MHz



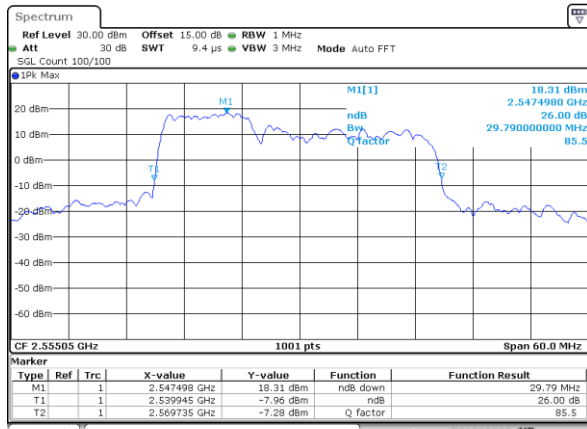
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Middle Channel / 15MHz+10MHz



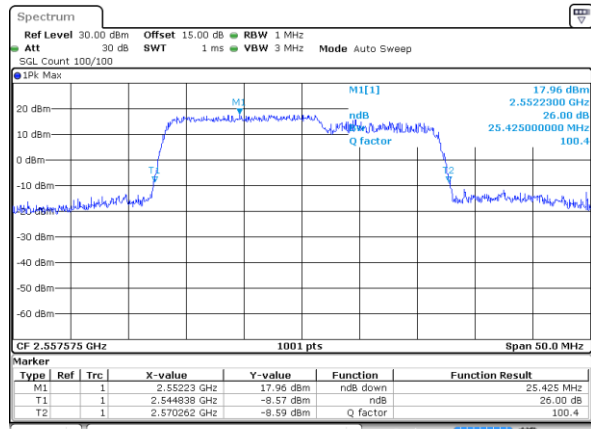
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Highest Channel / 10MHz+20MHz



Date: 5.MAY.2020 14:22:35

Highest Channel / 15MHz+10MHz



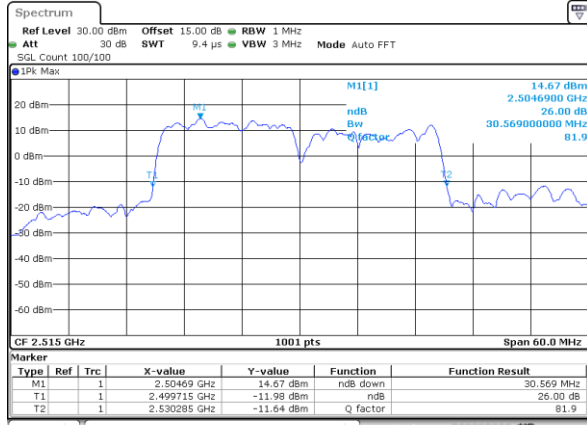
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LTE Band 7C

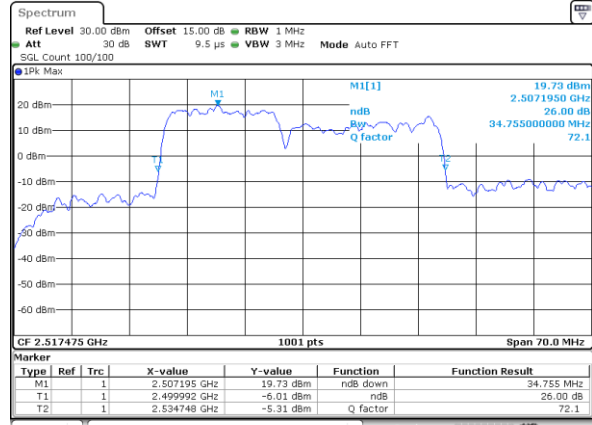
QPSK

Lowest Channel / 15MHz+15MHz



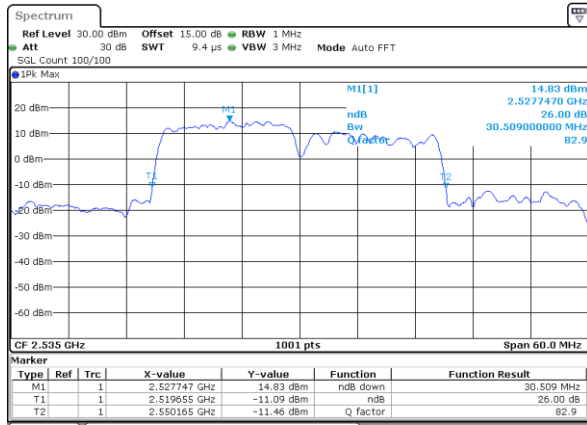
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Lowest Channel / 15MHz+20MHz



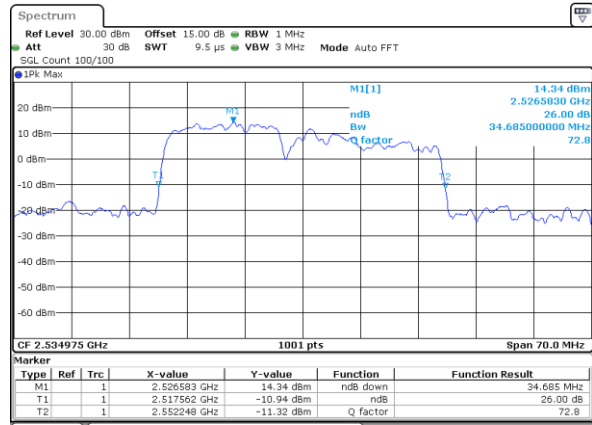
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Middle Channel / 15MHz+15MHz



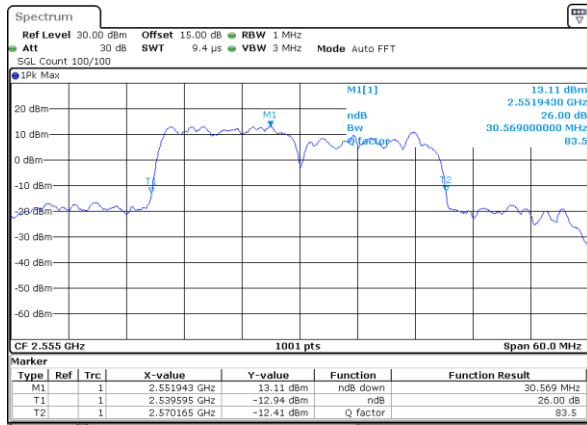
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Middle Channel / 15MHz+20MHz



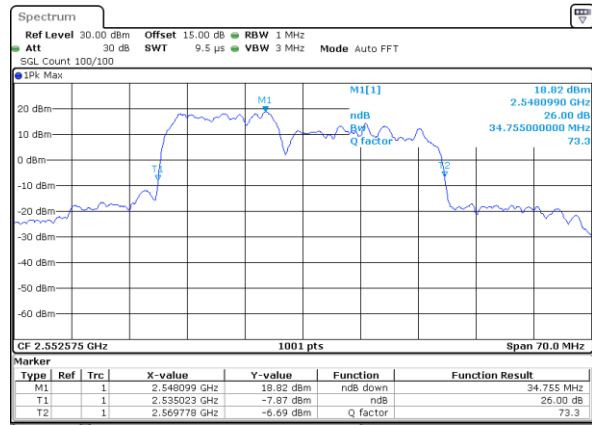
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Highest Channel / 15MHz+15MHz



Date: 5.MAY.2020 12:37:30

Highest Channel / 15MHz+20MHz



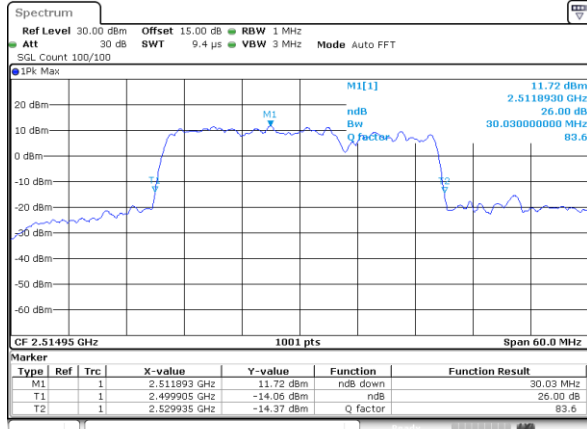
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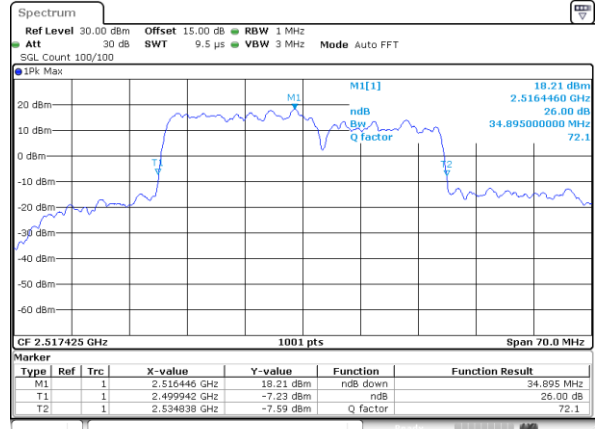
LTE Band 7C

QPSK

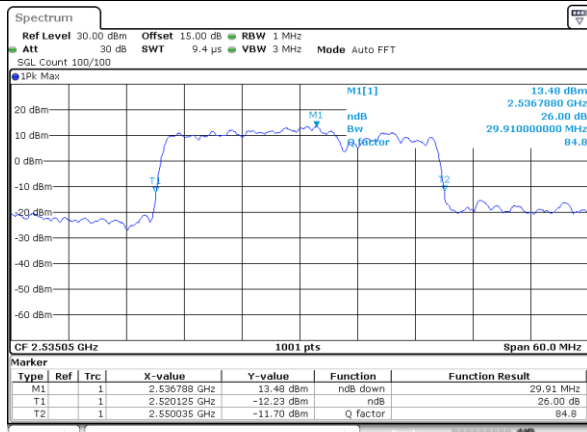
Lowest Channel / 20MHz+10MHz



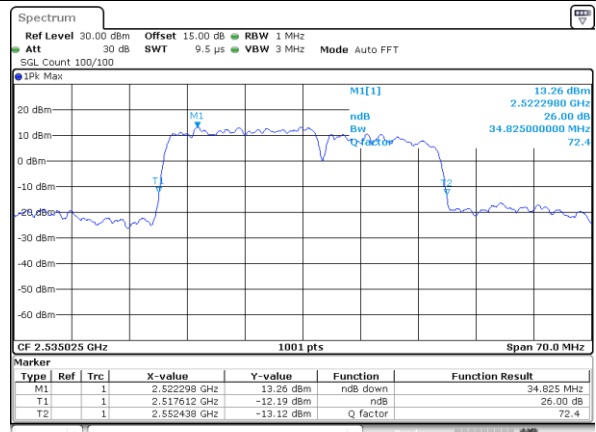
Lowest Channel / 20MHz+15MHz



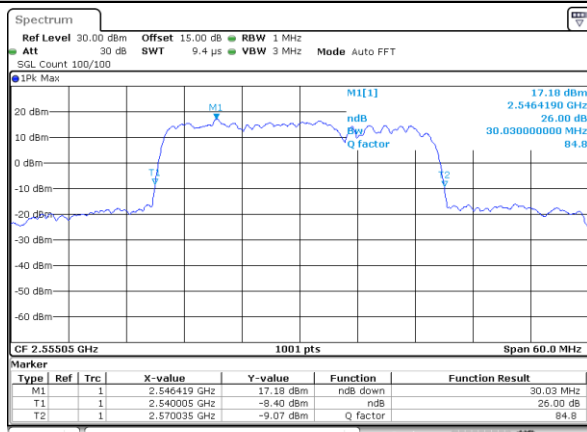
Middle Channel / 20MHz+10MHz



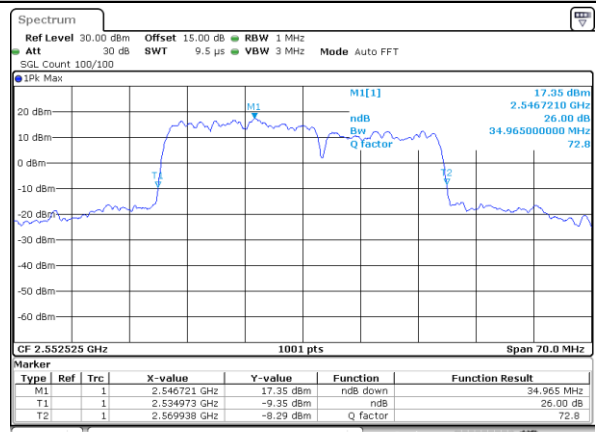
Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz



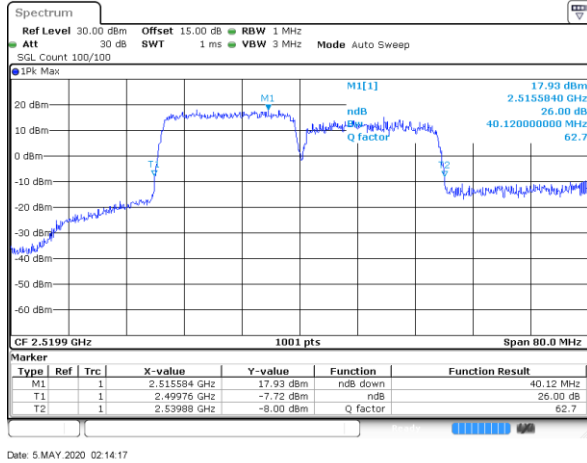


LTE Band 7C

QPSK

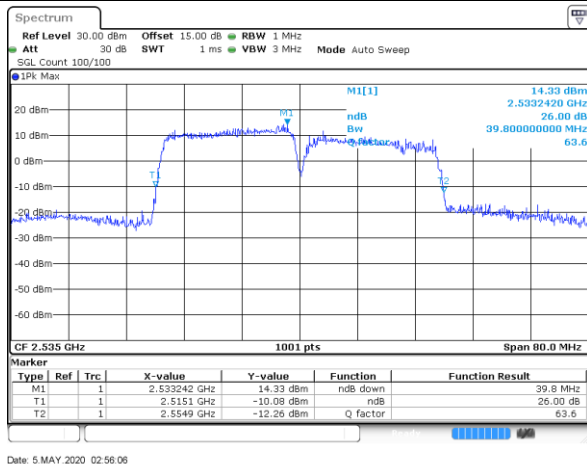
Lowest Channel / 20MHz+20MHz

N/A



Middle Channel / 20MHz+20MHz

N/A



Highest Channel / 20MHz+20MHz

N/A

