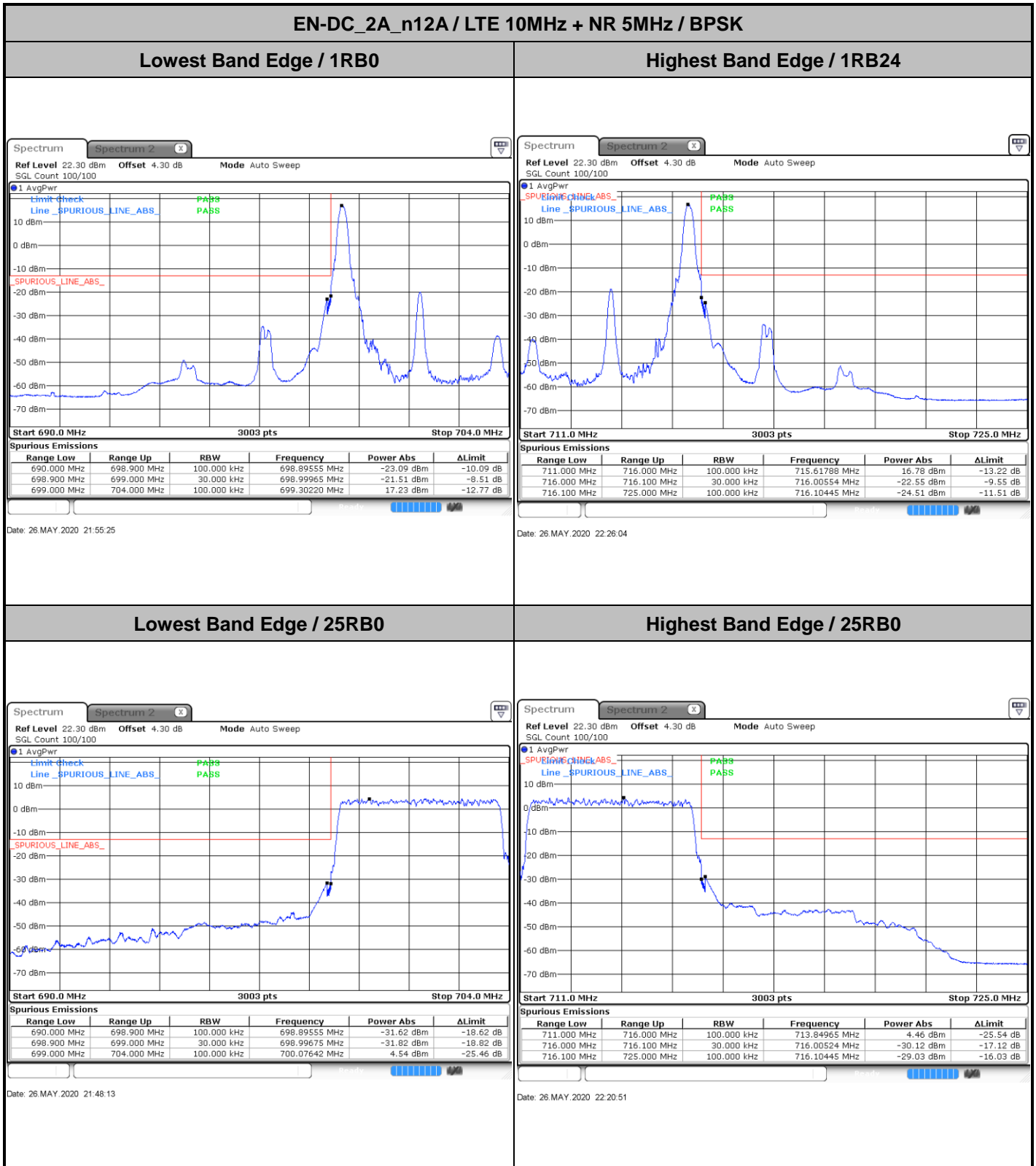




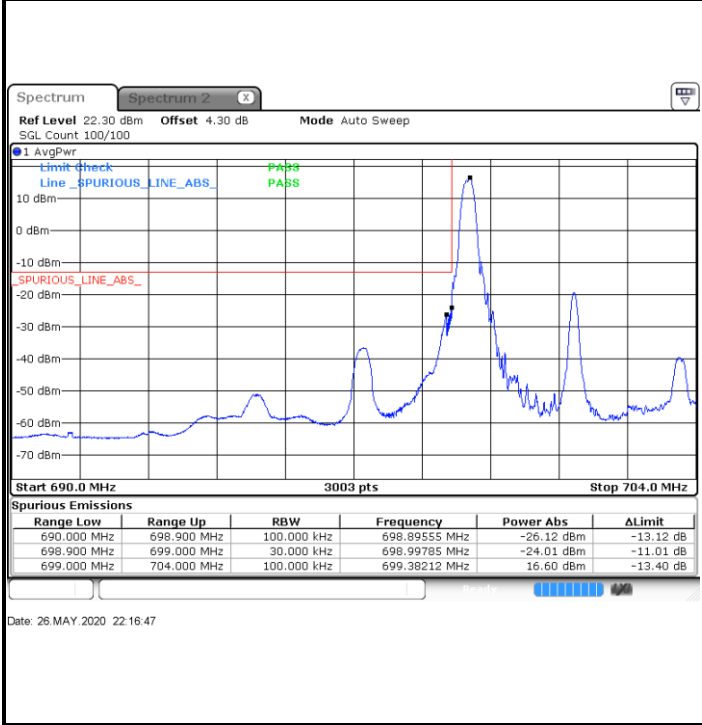
Conducted Band Edge



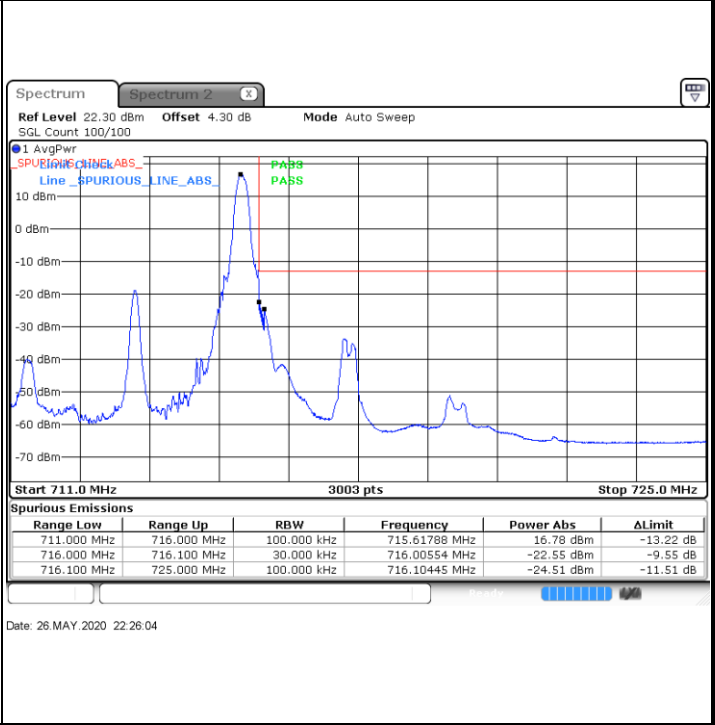


EN-DC_2A_n12A / LTE 10MHz + NR 5MHz / QPSK

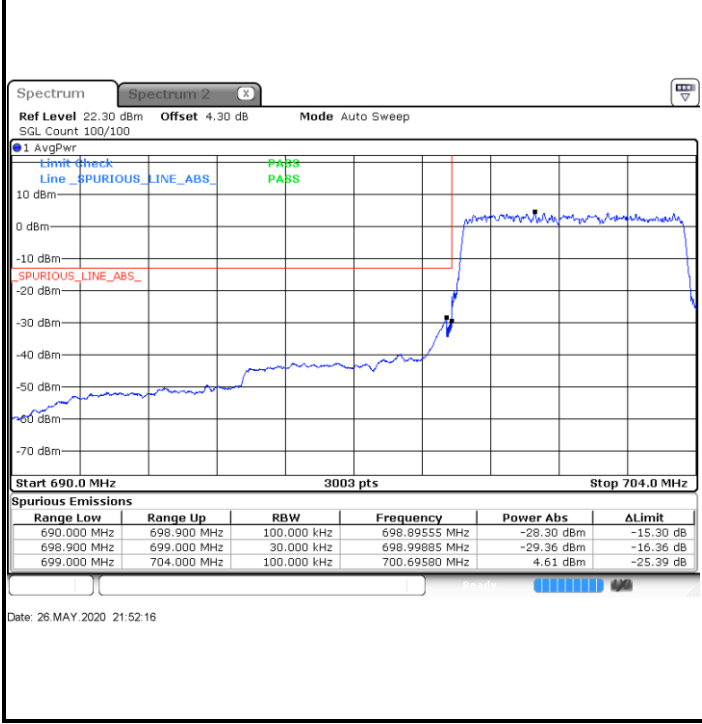
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



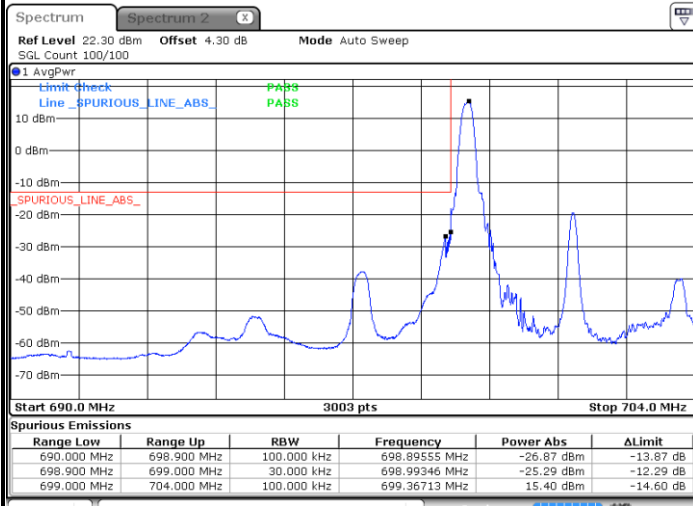
Highest Band Edge / 25RB0





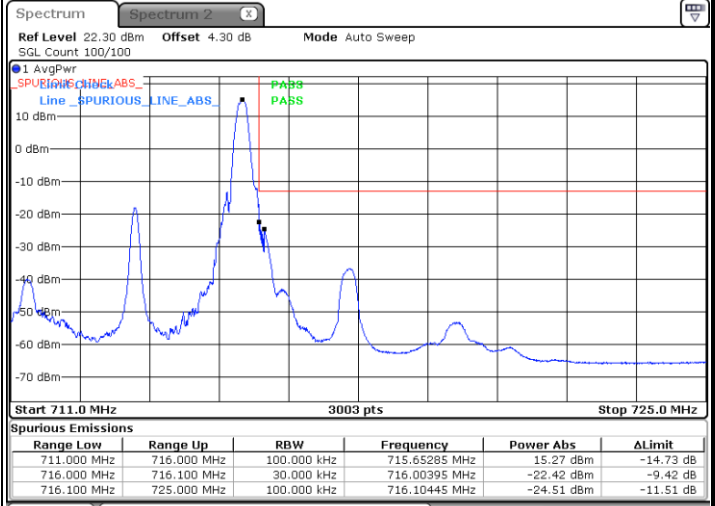
EN-DC_2A_n12A / LTE 10MHz + NR 5MHz / 16QAM

Lowest Band Edge / 1RB0



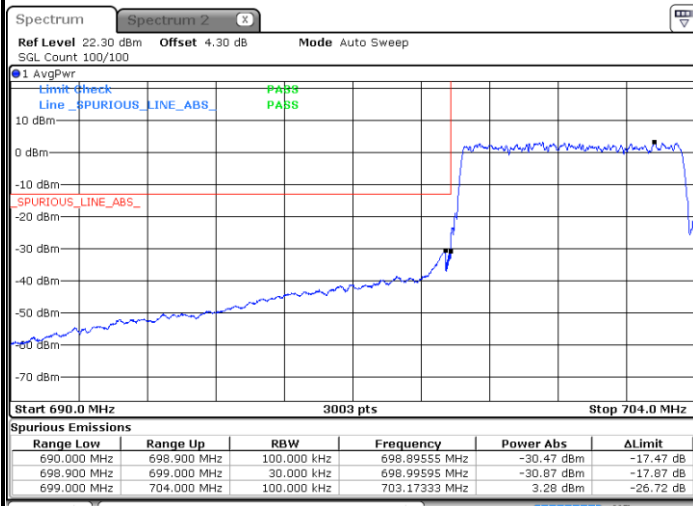
Date: 26 MAY 2020 21:57:28

Highest Band Edge / 1RB24



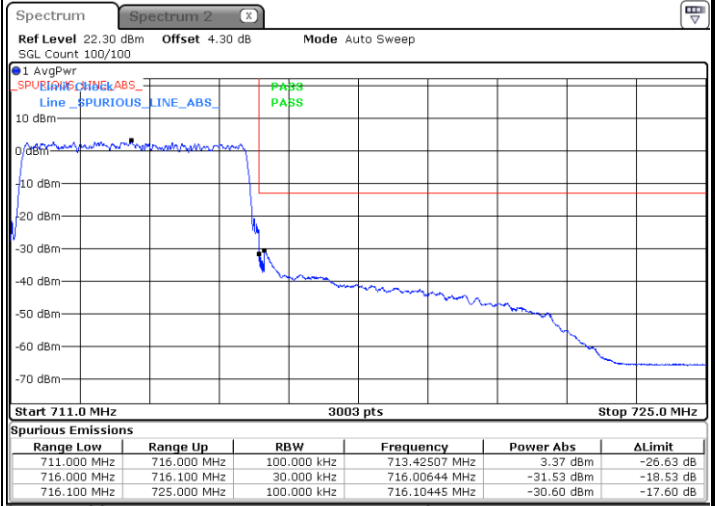
Date: 26 MAY 2020 22:27:26

Lowest Band Edge / 25RB0



Date: 26 MAY 2020 21:53:18

Highest Band Edge / 25RB0

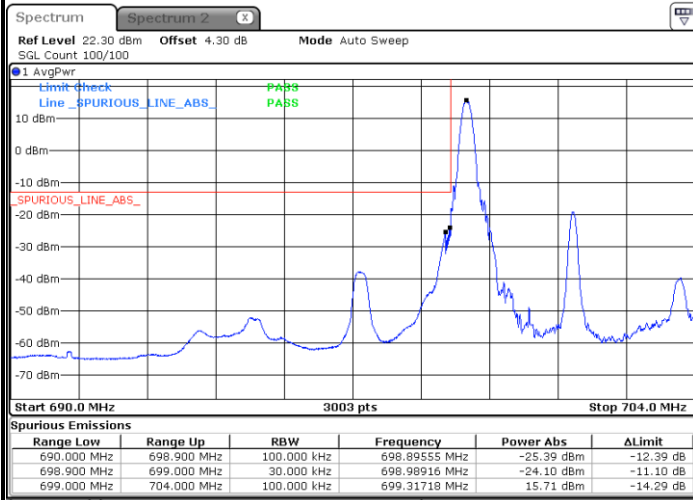


Date: 26 MAY 2020 22:21:58



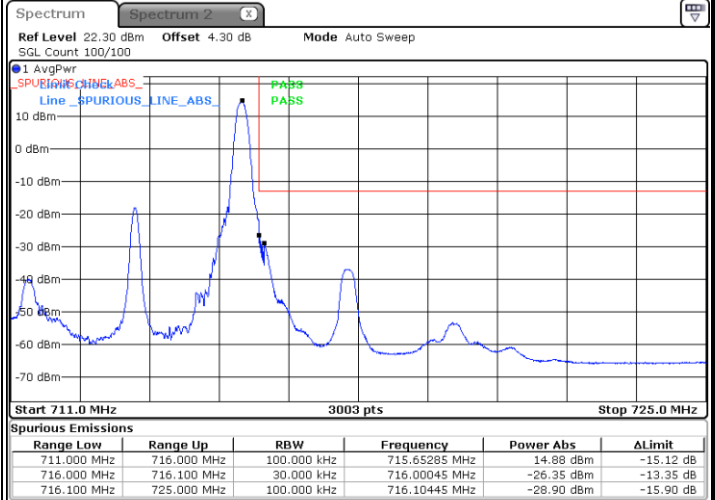
EN-DC_2A_n12A / LTE 10MHz + NR 5MHz / 64QAM

Lowest Band Edge / 1RB0



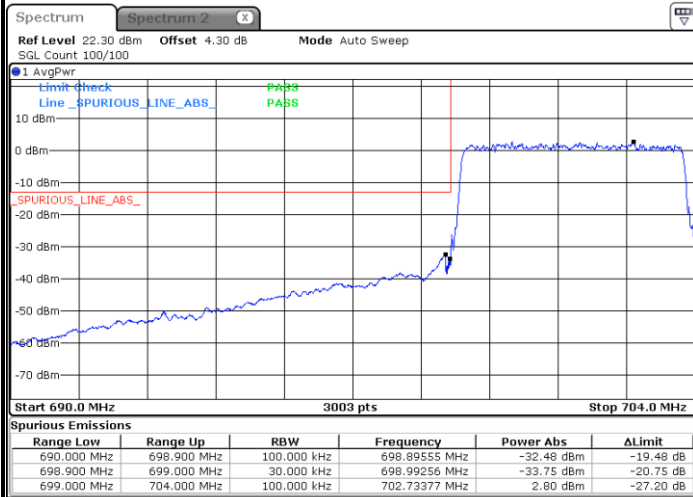
Date: 26 MAY 2020 21:58:15

Highest Band Edge / 1RB24



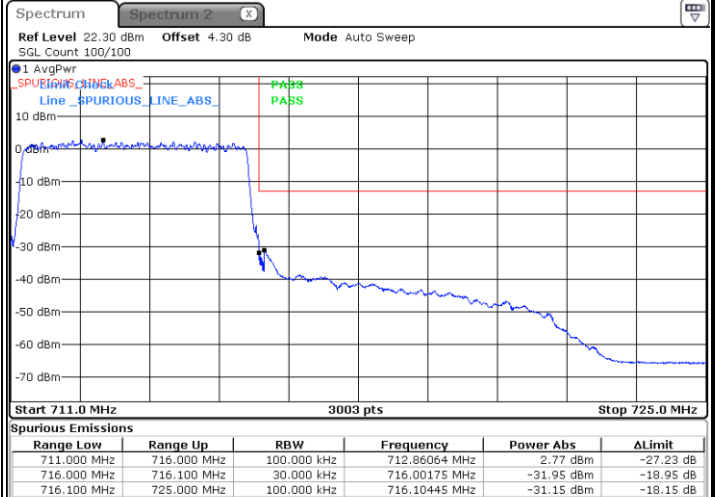
Date: 26 MAY 2020 22:28:17

Lowest Band Edge / 25RB0



Date: 26 MAY 2020 21:54:13

Highest Band Edge / 25RB0

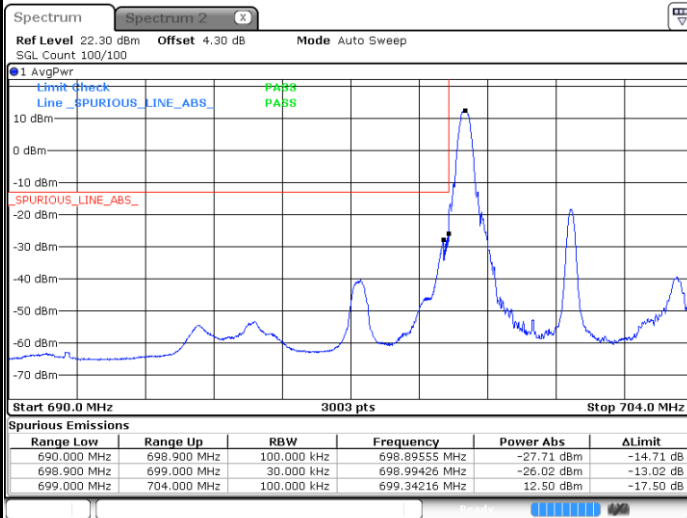


Date: 26 MAY 2020 22:22:47



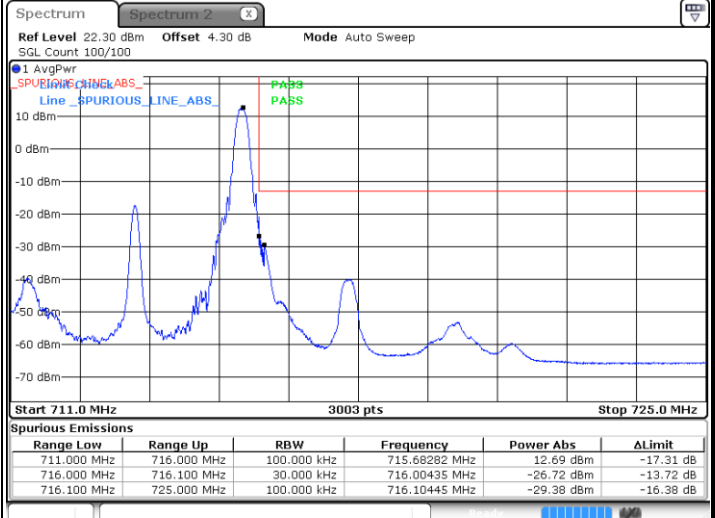
EN-DC_2A_n12A / LTE 10MHz + NR 5MHz / 256QAM

Lowest Band Edge / 1RB0



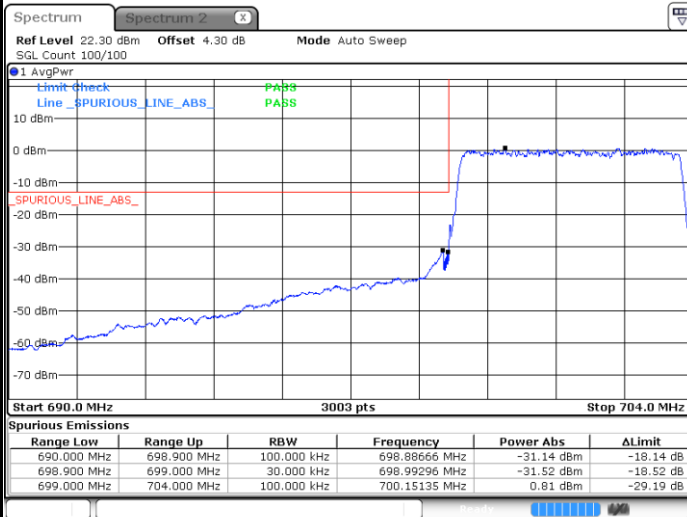
Date: 26 MAY 2020 22:15:42

Highest Band Edge / 1RB24



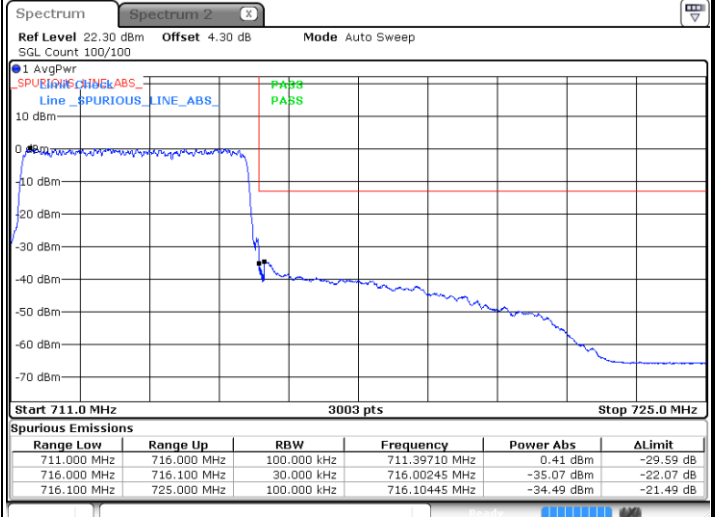
Date: 26 MAY 2020 22:25:06

Lowest Band Edge / 25RB0



Date: 26 MAY 2020 21:49:43

Highest Band Edge / 25RB0

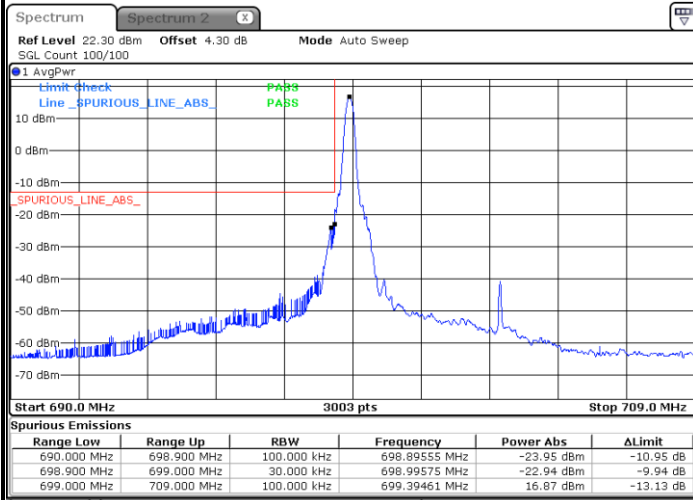


Date: 26 MAY 2020 22:20:09



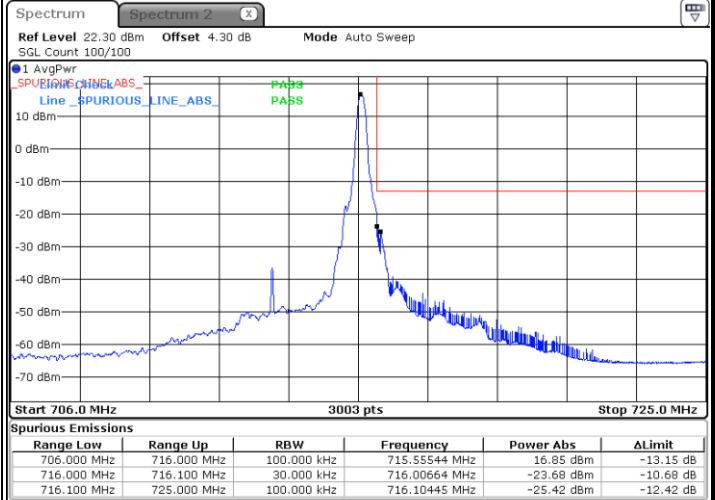
EN-DC_2A_n12A / LTE 10MHz + NR 10MHz / BPSK

Lowest Band Edge / 1RB0



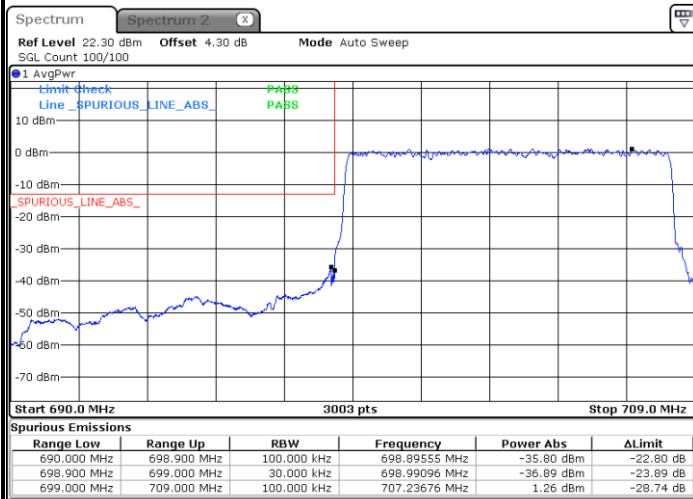
Date: 26 MAY 2020 22:35:13

Highest Band Edge / 1RB51



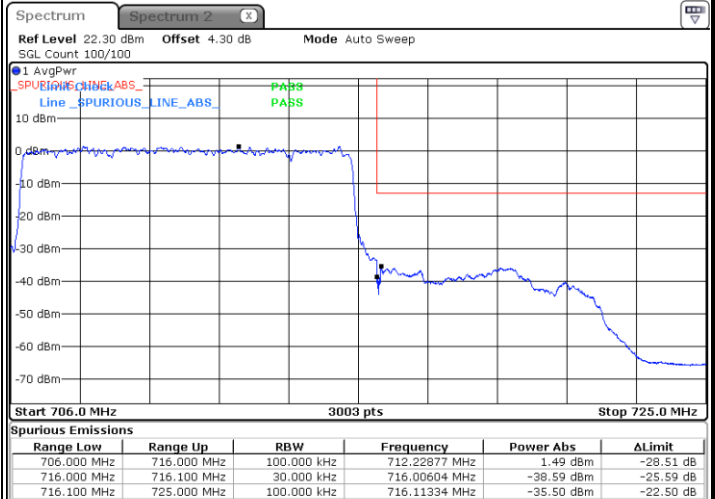
Date: 26 MAY 2020 23:17:33

Lowest Band Edge / 50RB0



Date: 26 MAY 2020 22:30:31

Highest Band Edge / 50RB0

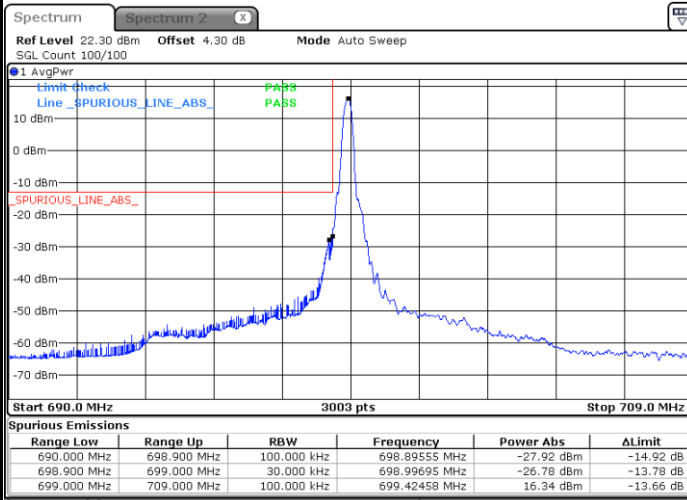


Date: 26 MAY 2020 22:52:01



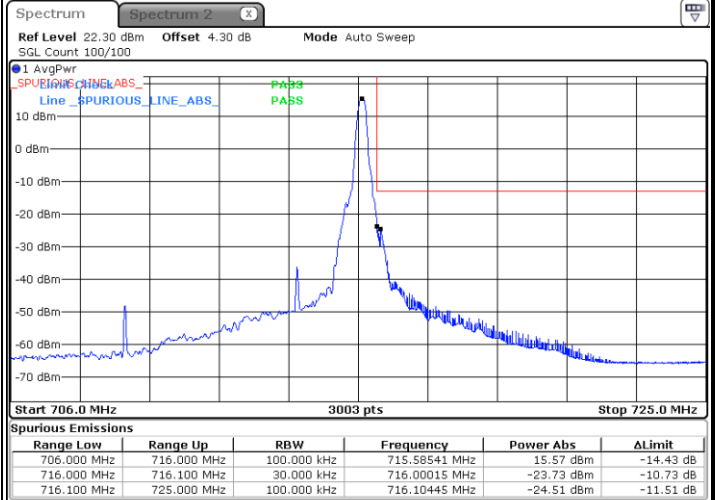
EN-DC_2A_n12A / LTE 10MHz + NR 10MHz / QPSK

Lowest Band Edge / 1RB0



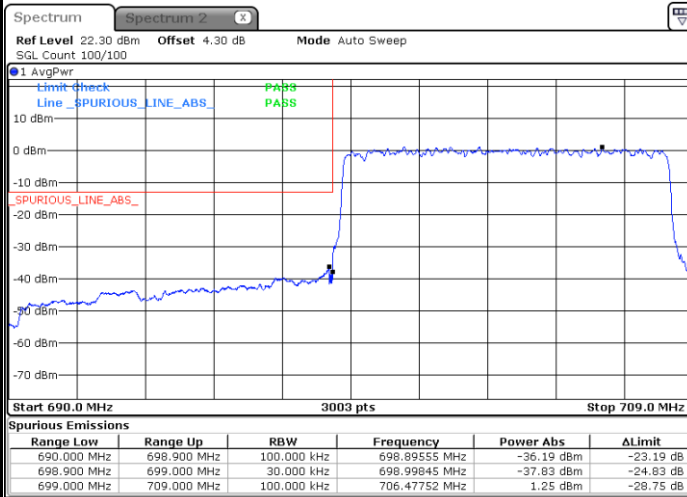
Date: 26 MAY 2020 22:37:07

Highest Band Edge / 1RB51



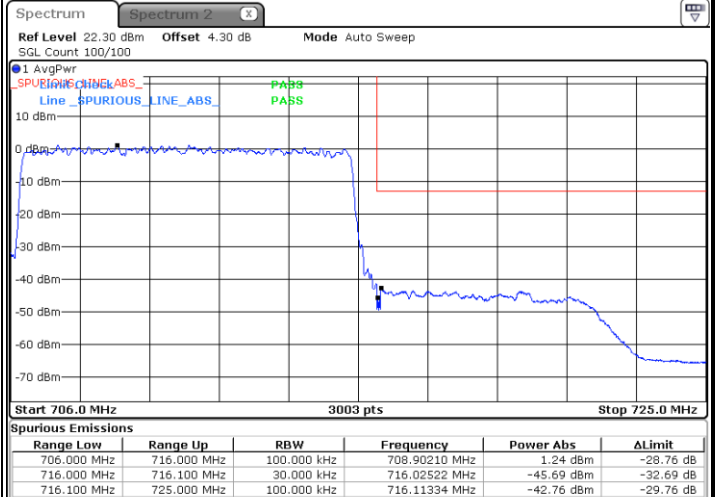
Date: 26 MAY 2020 23:18:57

Lowest Band Edge / 50RB0



Date: 26 MAY 2020 22:31:58

Highest Band Edge / 50RB0

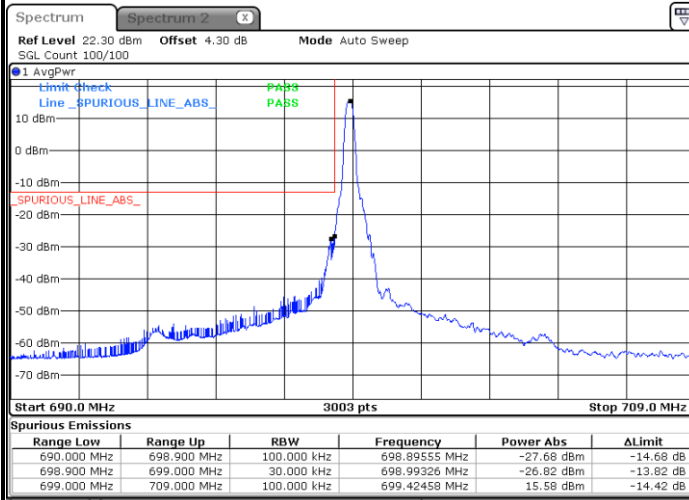


Date: 26 MAY 2020 22:54:14



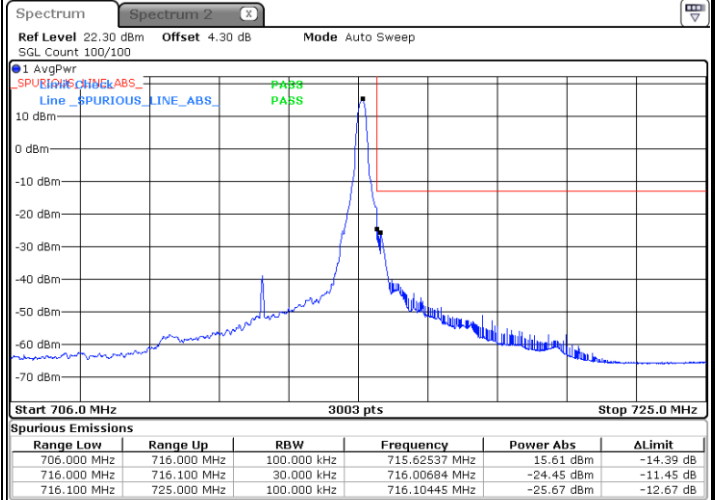
EN-DC_2A_n12A / LTE 10MHz + NR 10MHz / 16QAM

Lowest Band Edge / 1RB0



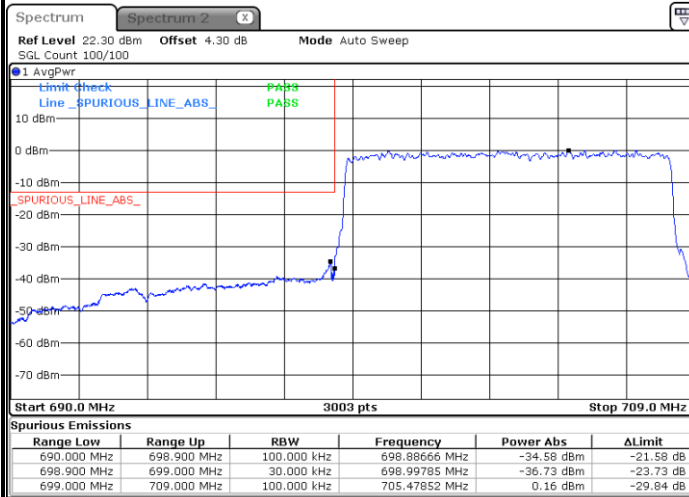
Date: 26 MAY 2020 22:37:42

Highest Band Edge / 1RB51



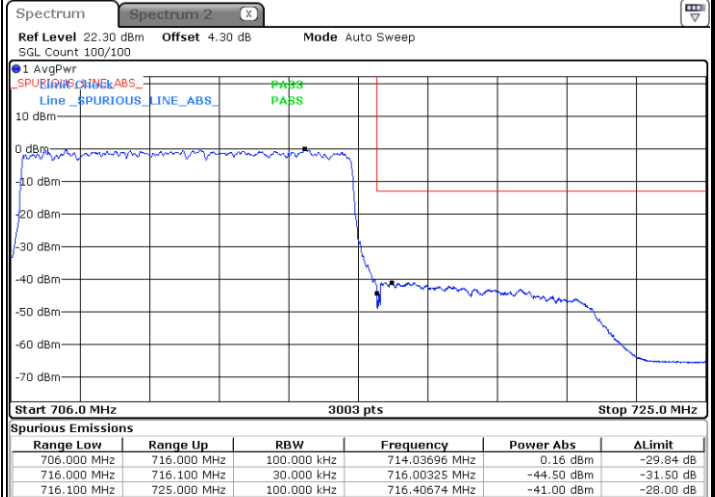
Date: 26 MAY 2020 23:19:55

Lowest Band Edge / 50RB0



Date: 26 MAY 2020 22:33:28

Highest Band Edge / 50RB0

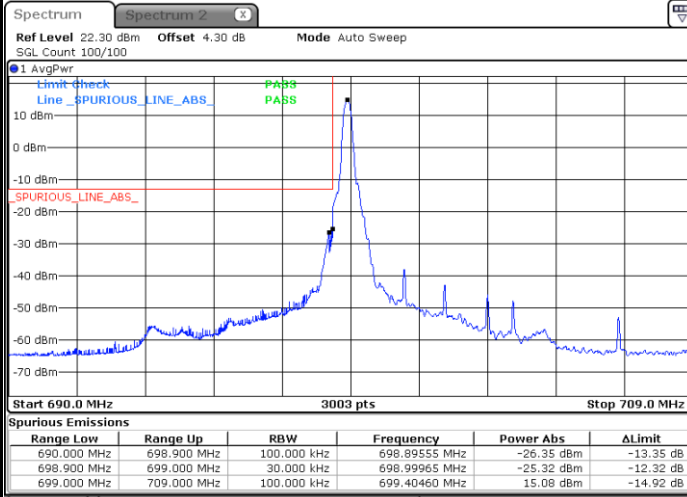


Date: 26 MAY 2020 23:12:27



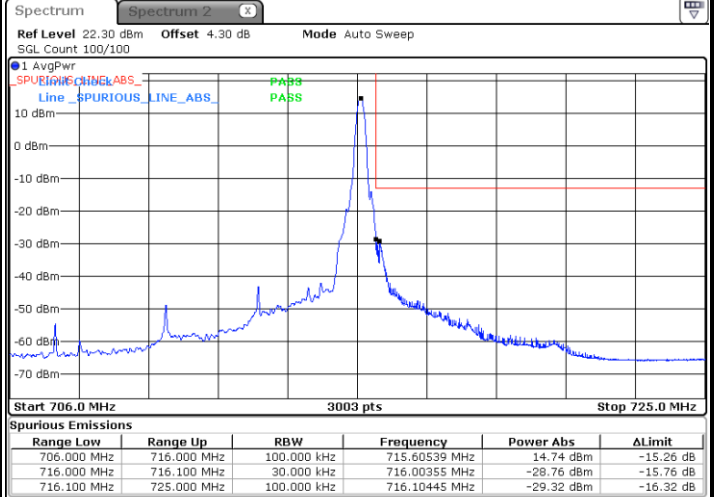
EN-DC_2A_n12A / LTE 10MHz + NR 10MHz / 64QAM

Lowest Band Edge / 1RB0



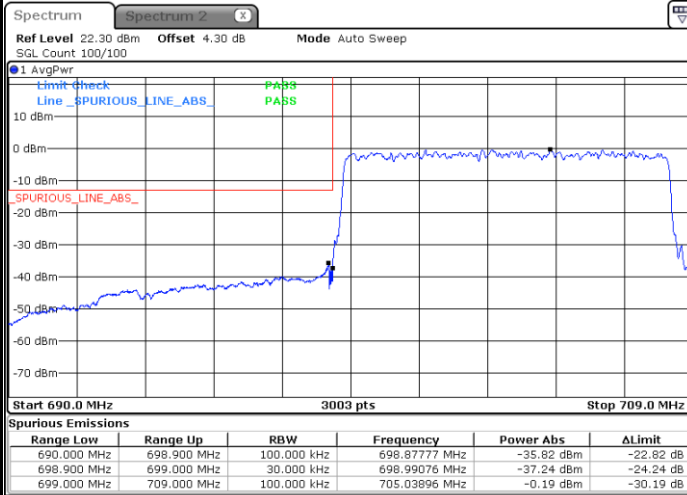
Date: 26 MAY 2020 22:38:16

Highest Band Edge / 1RB51



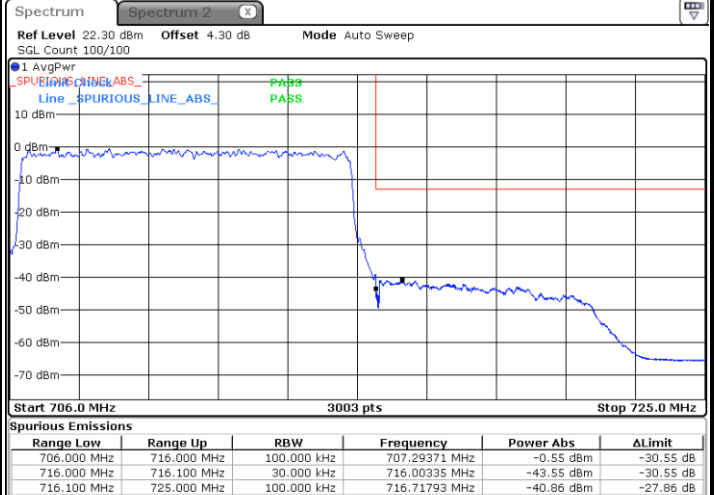
Date: 26 MAY 2020 23:20:35

Lowest Band Edge / 50RB0



Date: 26 MAY 2020 22:34:18

Highest Band Edge / 50RB0

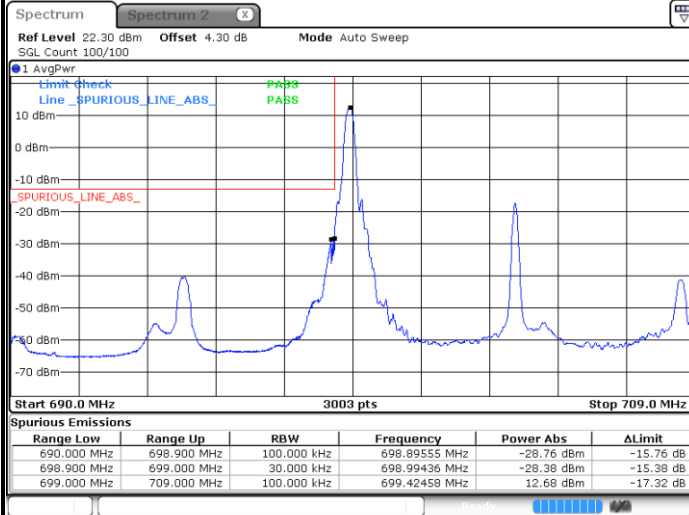


Date: 26 MAY 2020 23:13:35



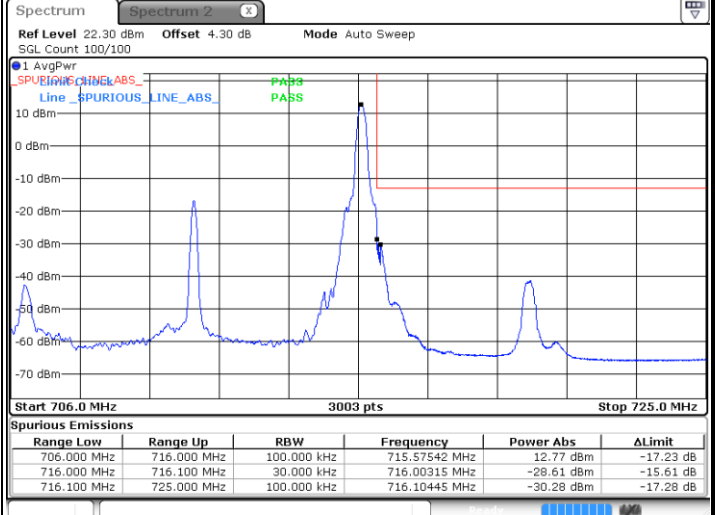
EN-DC_2A_n12A / LTE 10MHz + NR 10MHz / 256QAM

Lowest Band Edge / 1RB0



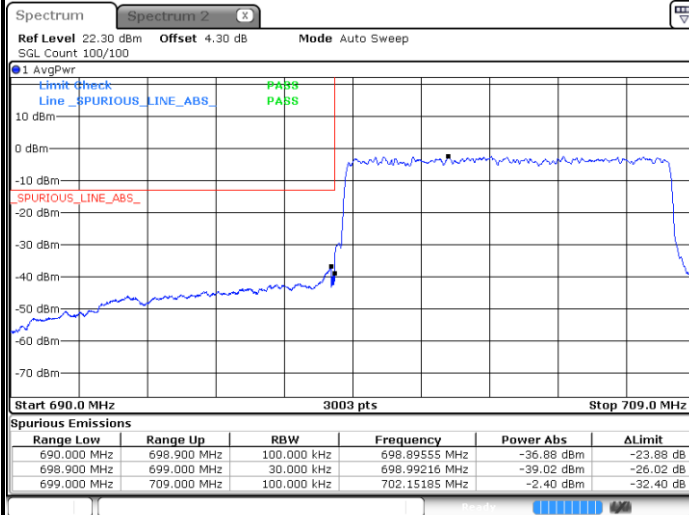
Date: 26 MAY 2020 22:36:03

Highest Band Edge / 1RB51



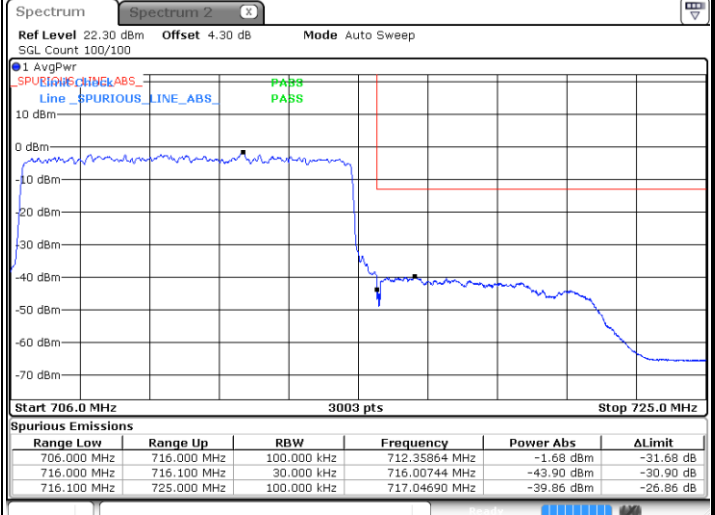
Date: 26 MAY 2020 23:16:33

Lowest Band Edge / 50RB0



Date: 26 MAY 2020 22:31:09

Highest Band Edge / 50RB0

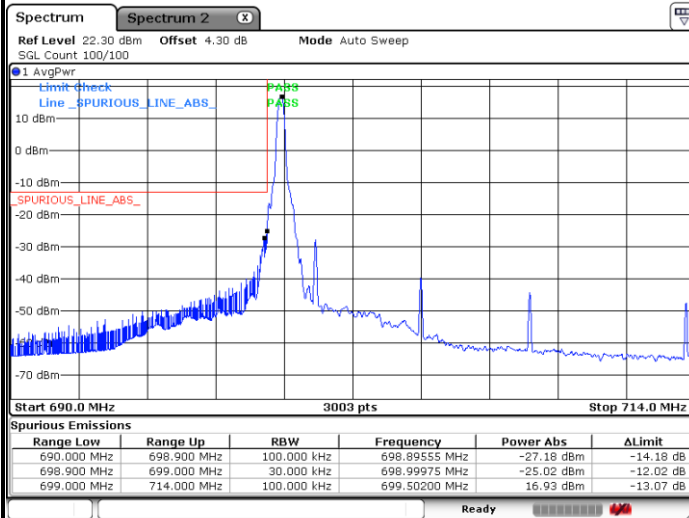


Date: 26 MAY 2020 22:52:49



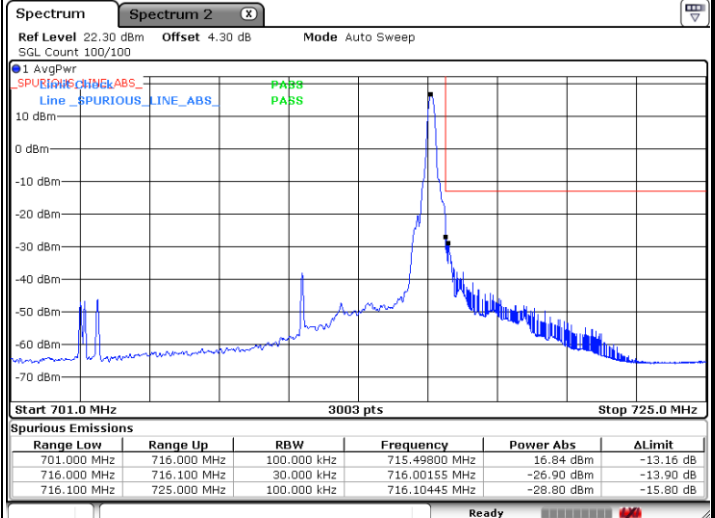
EN-DC_2A_n12A / LTE 10MHz + NR 15MHz / BPSK

Lowest Band Edge / 1RB0



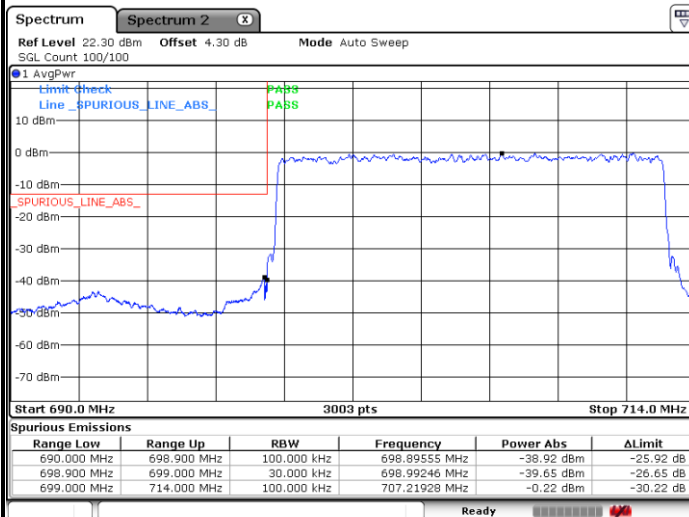
Date: 26 MAY 2020 23:35:26

Highest Band Edge / 1RB78



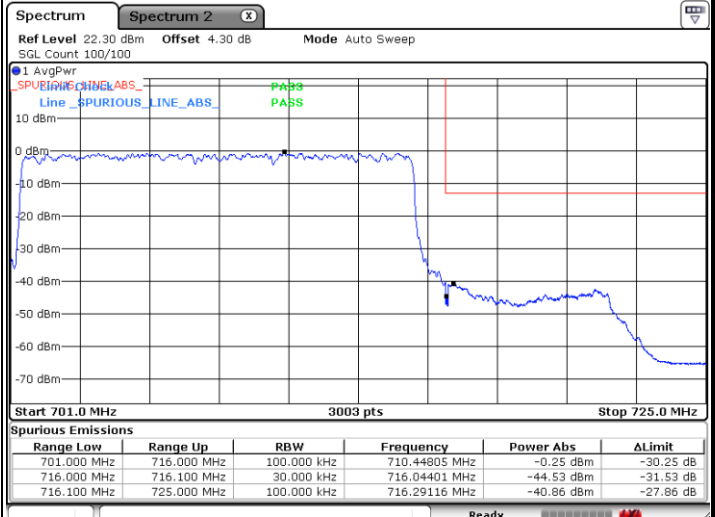
Date: 27 MAY 2020 00:09:27

Lowest Band Edge / 75RB0



Date: 26 MAY 2020 23:26:38

Highest Band Edge / 75RB0

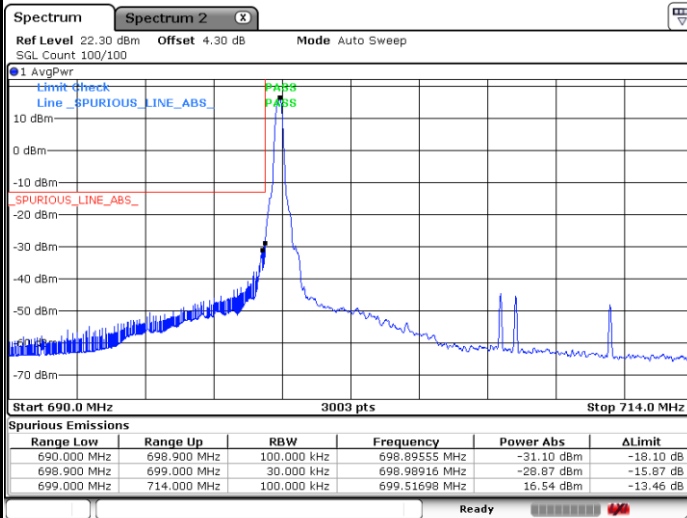


Date: 27 MAY 2020 00:04:51



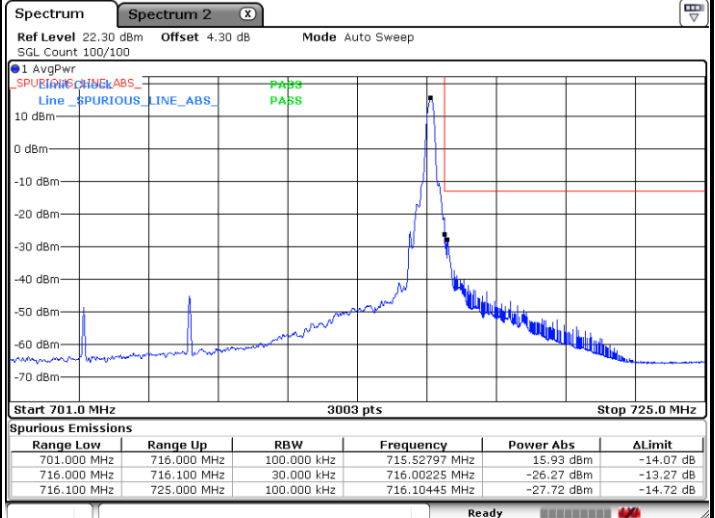
EN-DC_2A_n12A / LTE 10MHz + NR 15MHz / QPSK

Lowest Band Edge / 1RB0



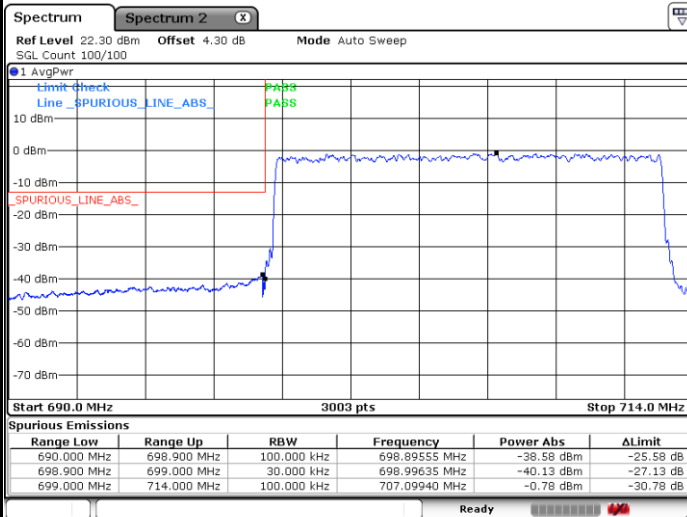
Date: 26 MAY 2020 23:36:22

Highest Band Edge / 1RB78



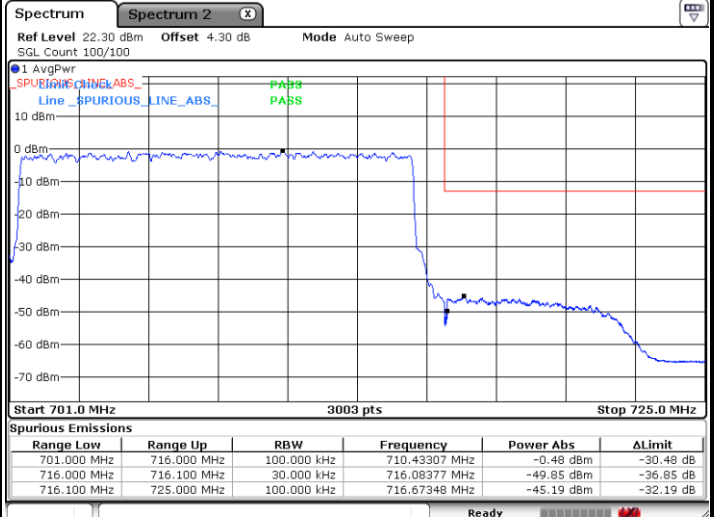
Date: 27 MAY 2020 00:10:24

Lowest Band Edge / 75RB0



Date: 26 MAY 2020 23:31:36

Highest Band Edge / 75RB0

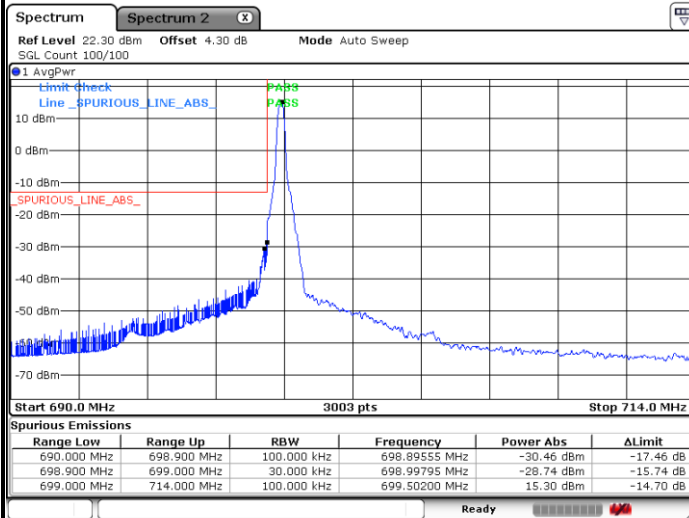


Date: 27 MAY 2020 00:05:37

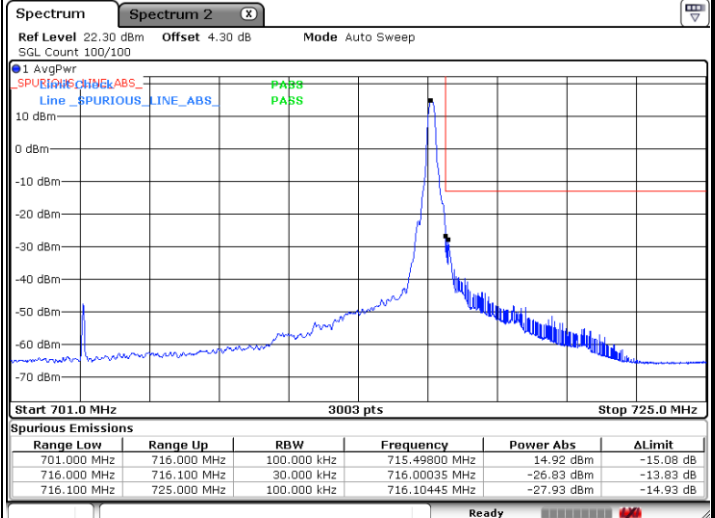


EN-DC_2A_n12A / LTE 10MHz + NR 15MHz / 16QAM

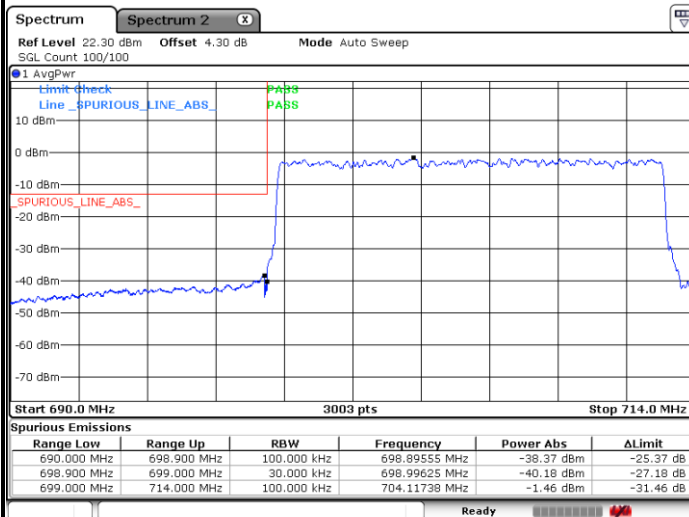
Lowest Band Edge / 1RB0



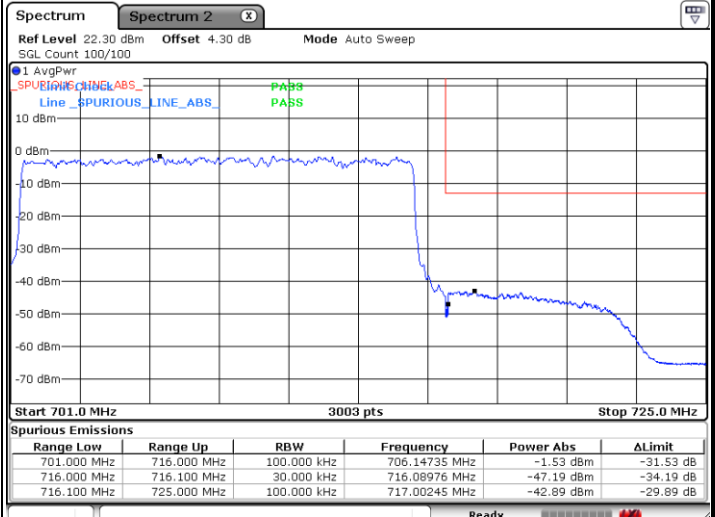
Highest Band Edge / 1RB78



Lowest Band Edge / 75RB0



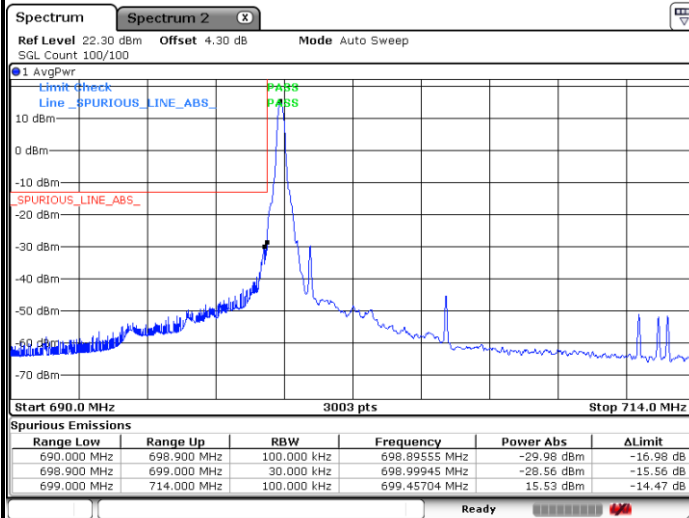
Highest Band Edge / 75RB0



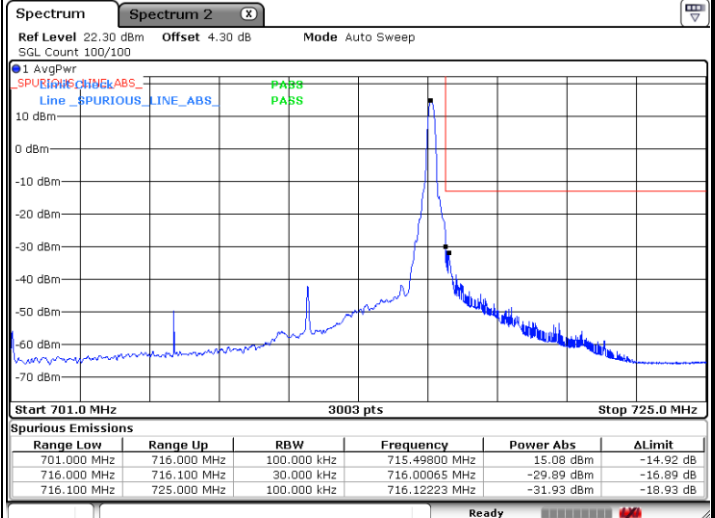


EN-DC_2A_n12A / LTE 10MHz + NR 15MHz / 64QAM

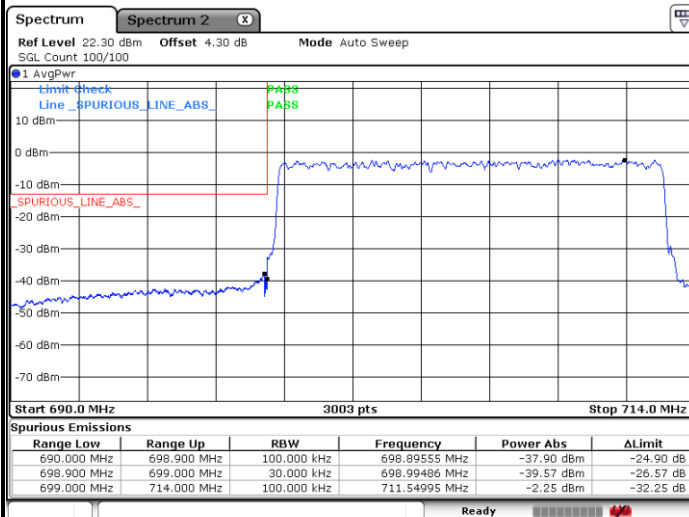
Lowest Band Edge / 1RB0



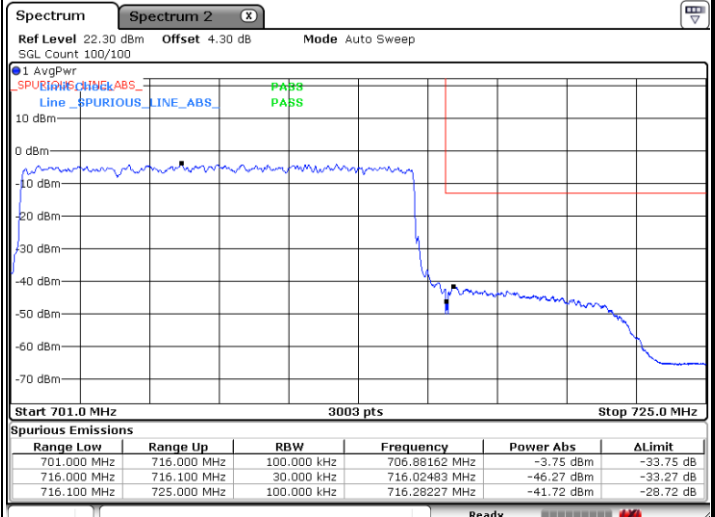
Highest Band Edge / 1RB78



Lowest Band Edge / 75RB0



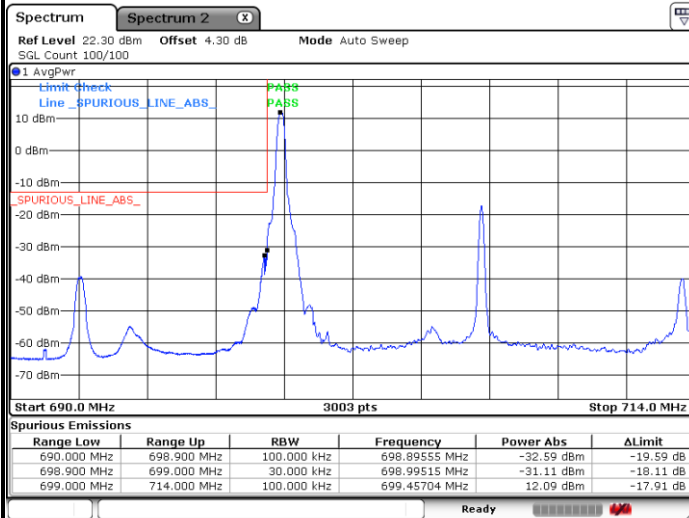
Highest Band Edge / 75RB0



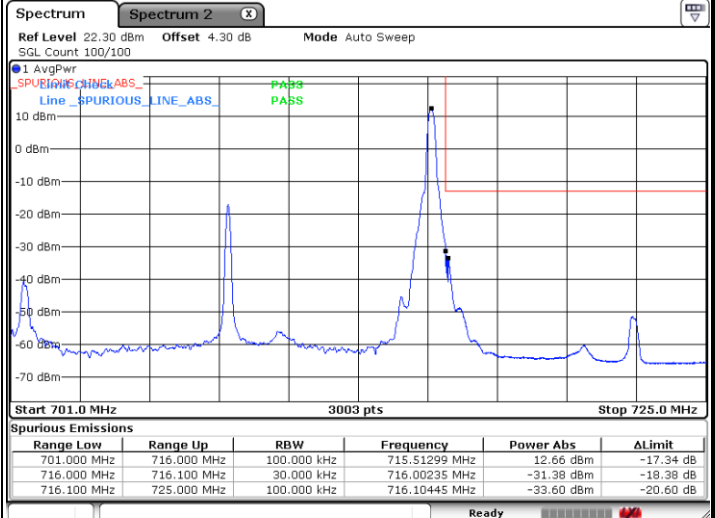


EN-DC_2A_n12A / LTE 10MHz + NR 15MHz / 256QAM

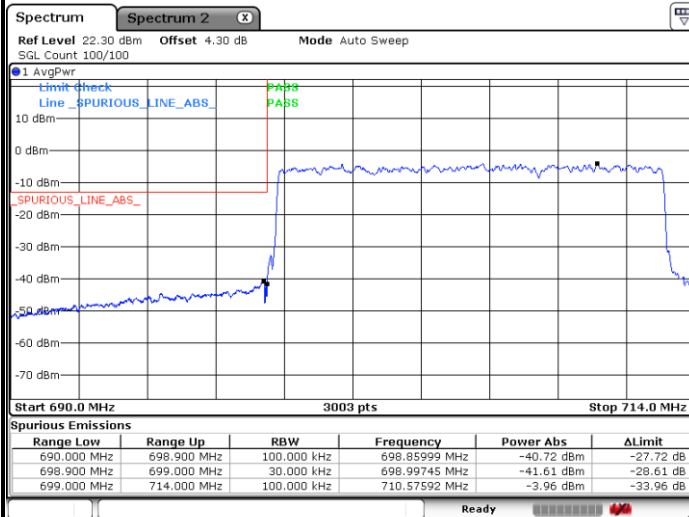
Lowest Band Edge / 1RB0



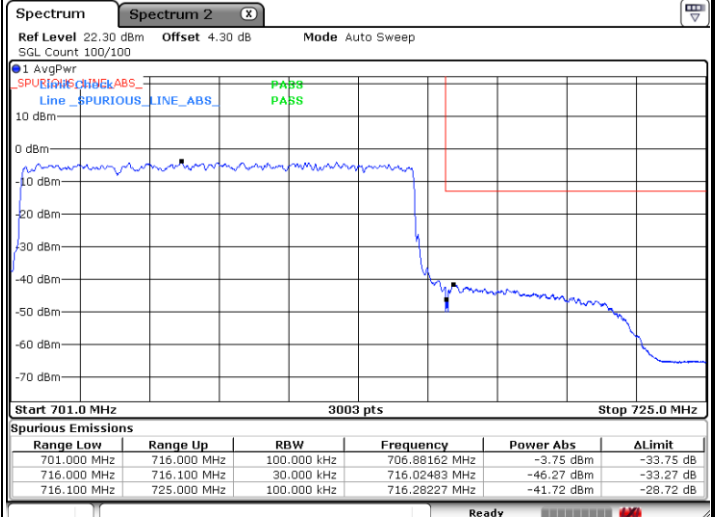
Highest Band Edge / 1RB78



Lowest Band Edge / 75RB0



Highest Band Edge / 75RB0

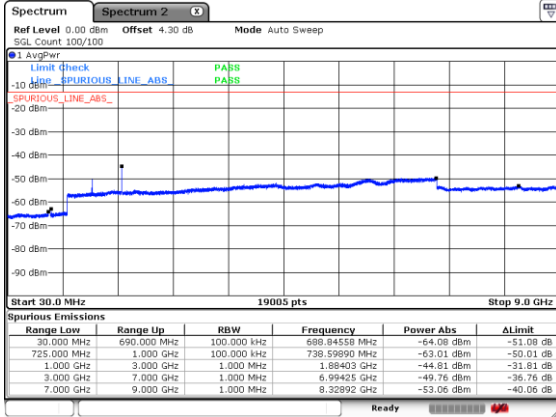




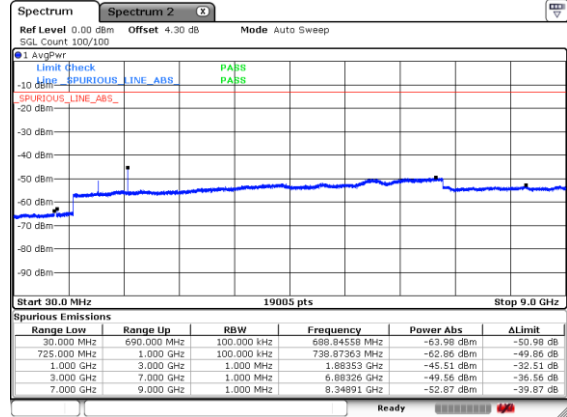
Conducted Spurious Emission

EN-DC_2A_n12A / LTE 10MHz + NR 5MHz

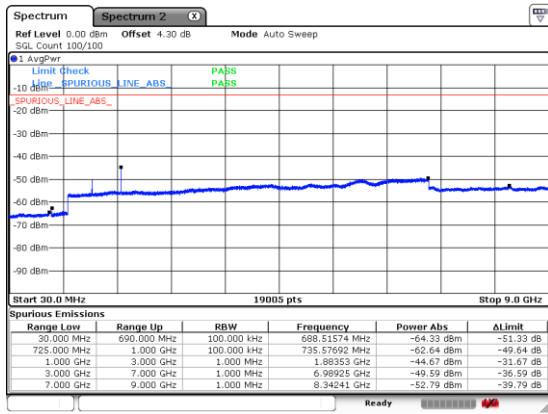
Lowest Channel / BPSK



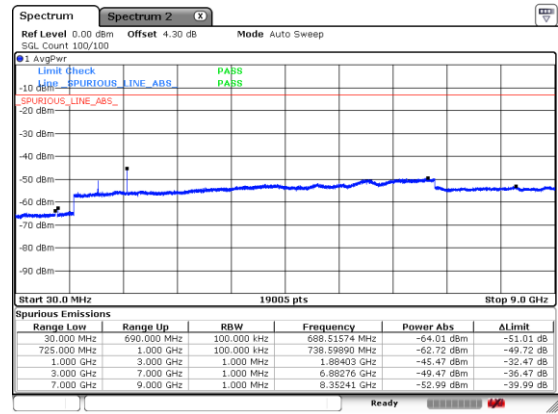
Lowest Channel / QPSK



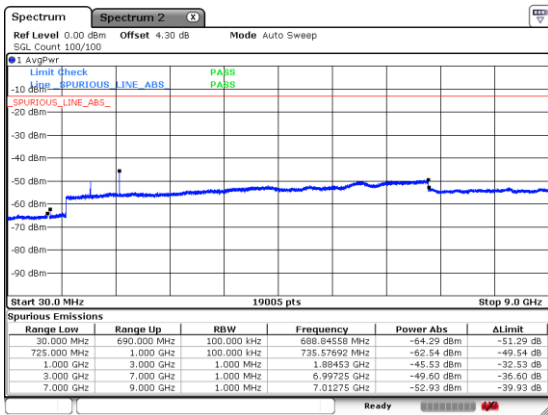
Middle Channel / BPSK



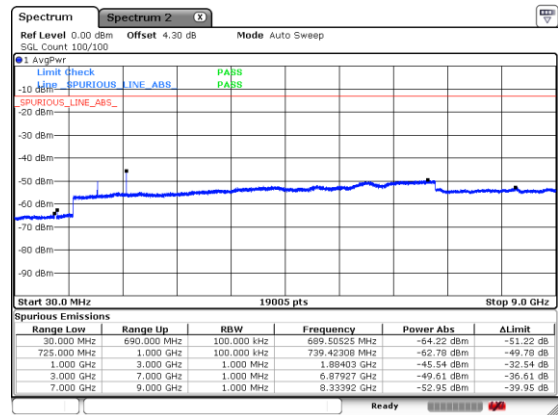
Middle Channel / QPSK



Highest Channel / BPSK



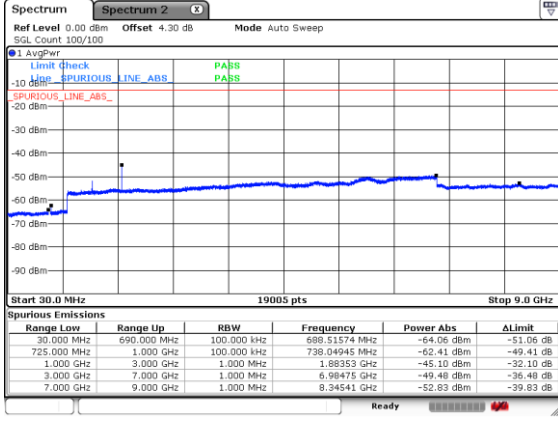
Highest Channel / QPSK



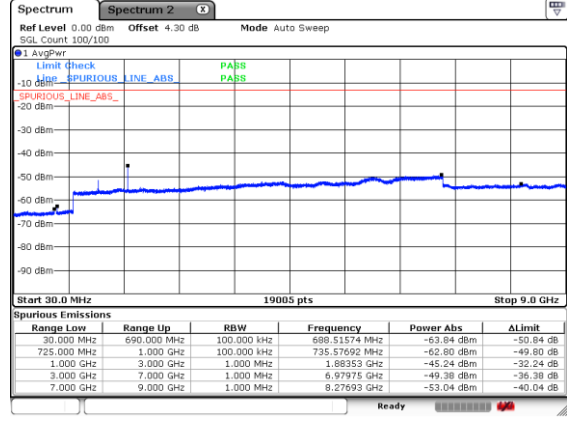


EN-DC_2A_n12A / LTE 10MHz + NR 5MHz

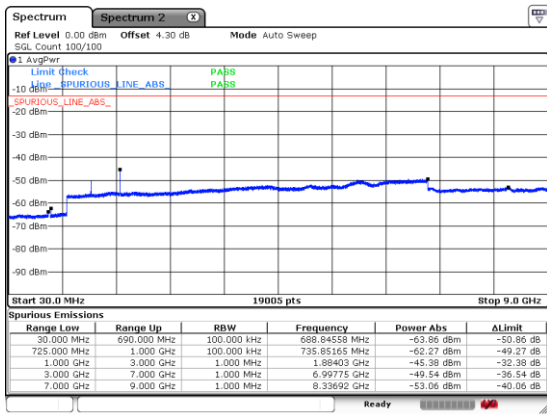
Lowest Channel / 16QAM



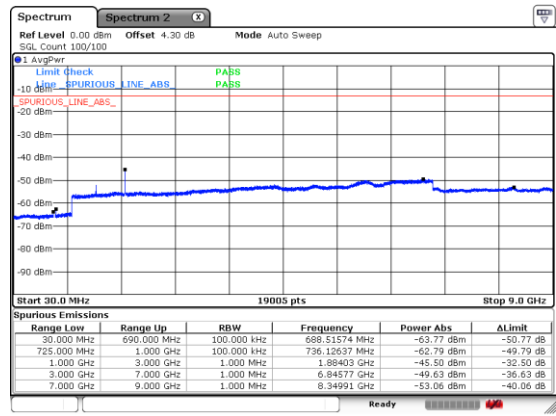
Lowest Channel / 64QAM



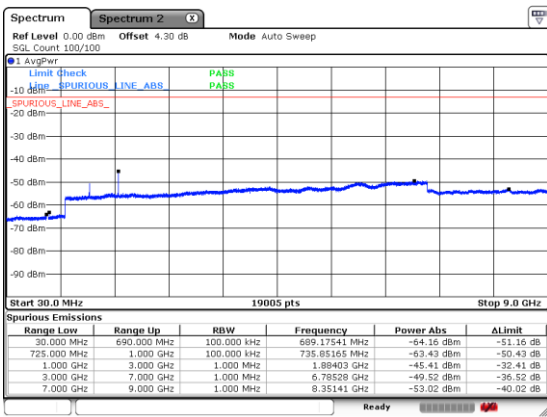
Middle Channel / 16QAM



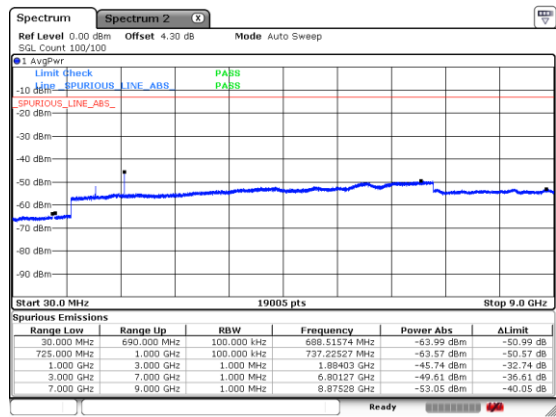
Middle Channel / 64QAM



Highest Channel / 16QAM



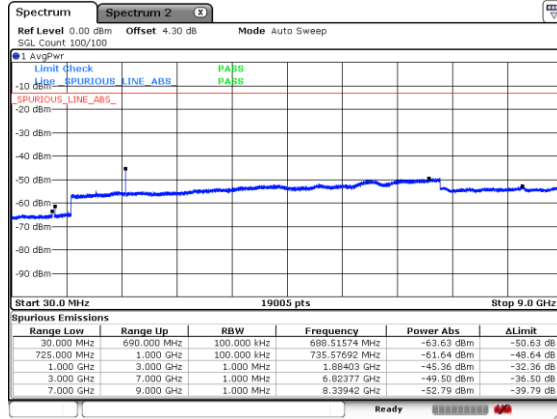
Highest Channel / 64QAM



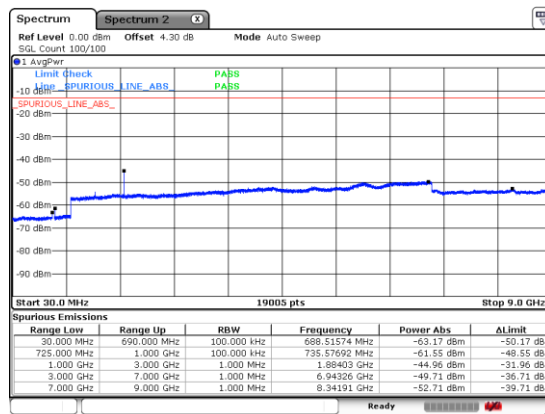


EN-DC_2A_n12A / LTE 10MHz + NR 5MHz

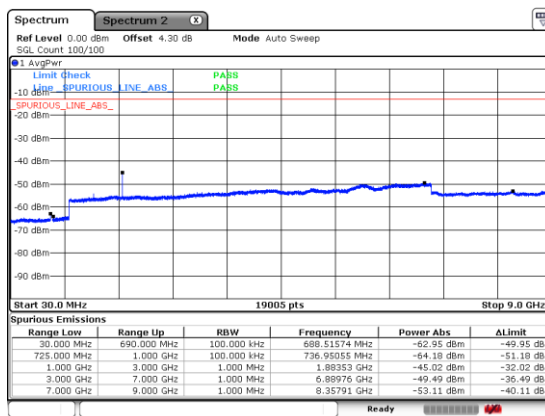
Lowest Channel / 256QAM



Middle Channel / 256QAM



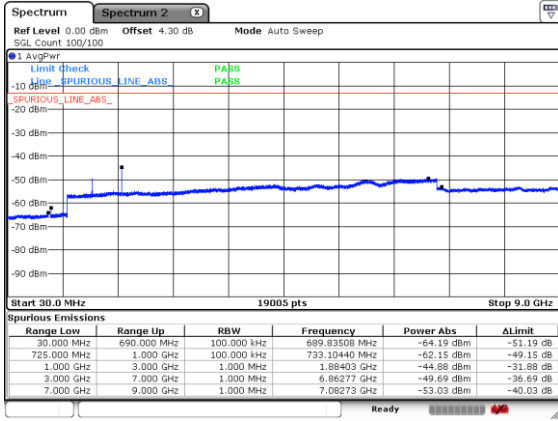
Highest Channel / 256QAM



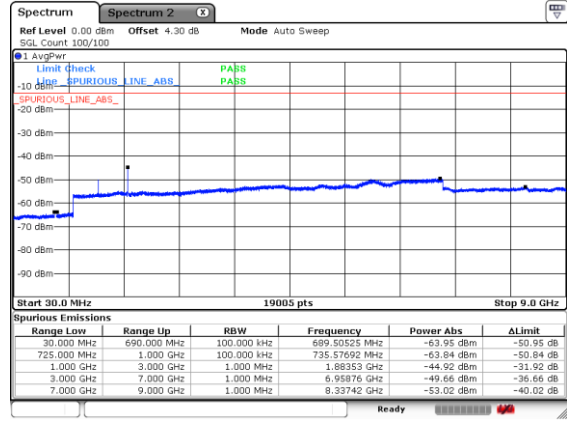


EN-DC_2A_n12A / LTE 10MHz + NR 10MHz

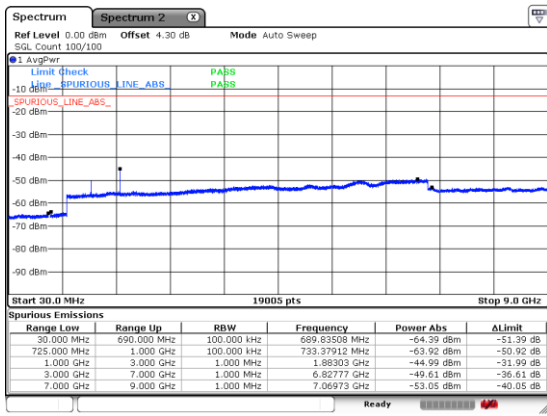
Lowest Channel / BPSK



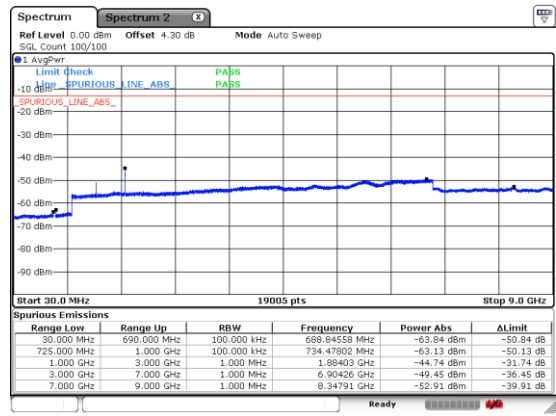
Lowest Channel / QPSK



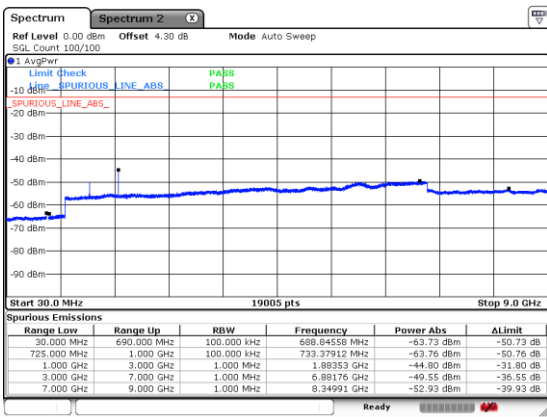
Middle Channel / BPSK



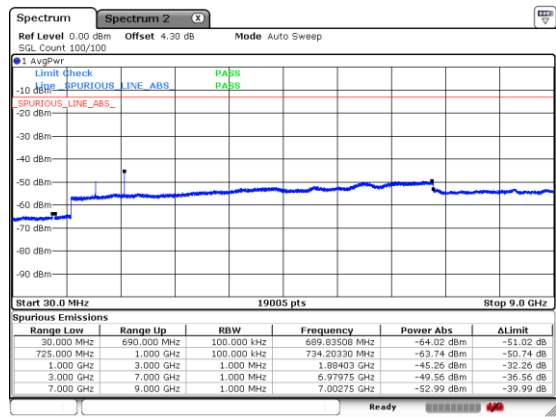
Middle Channel / QPSK



Highest Channel / BPSK



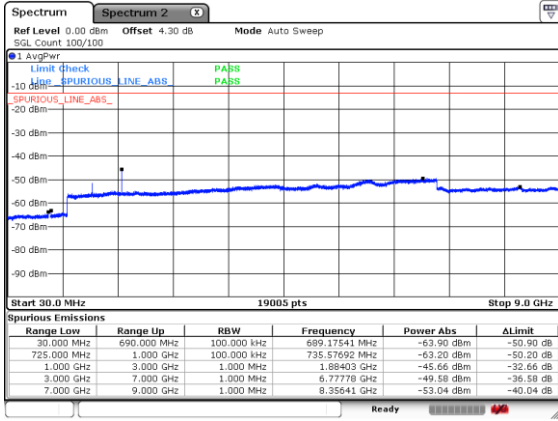
Highest Channel / QPSK



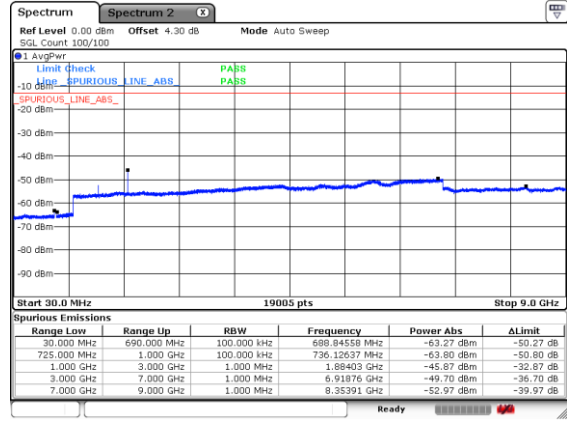


EN-DC_2A_n12A / LTE 10MHz + NR 10MHz

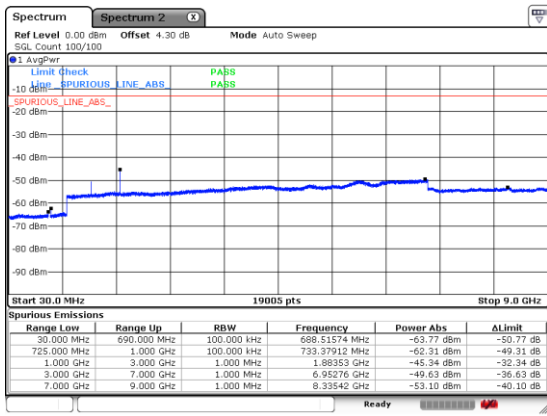
Lowest Channel / 16QAM



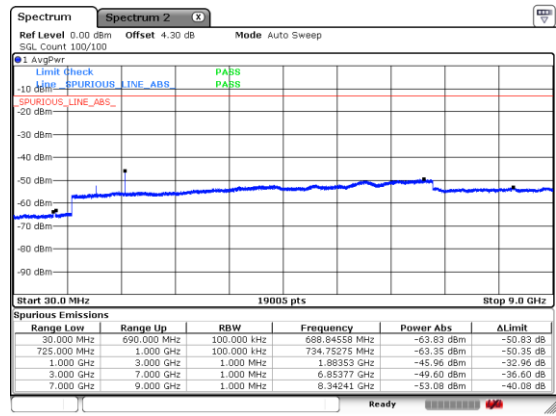
Lowest Channel / 64QAM



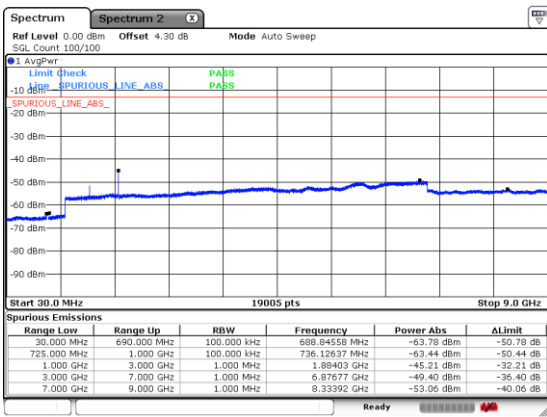
Middle Channel / 16QAM



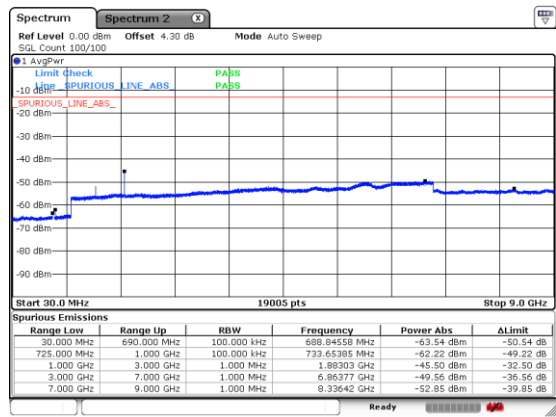
Middle Channel / 64QAM



Highest Channel / 16QAM



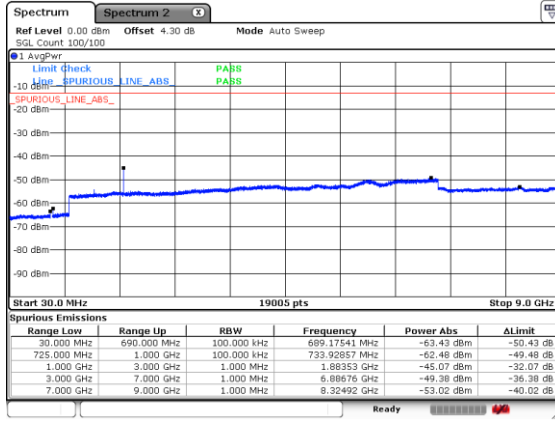
Highest Channel / 64QAM



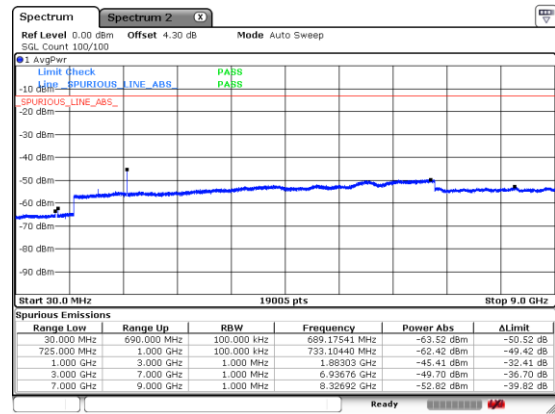


EN-DC_2A_n12A / LTE 10MHz + NR 10MHz

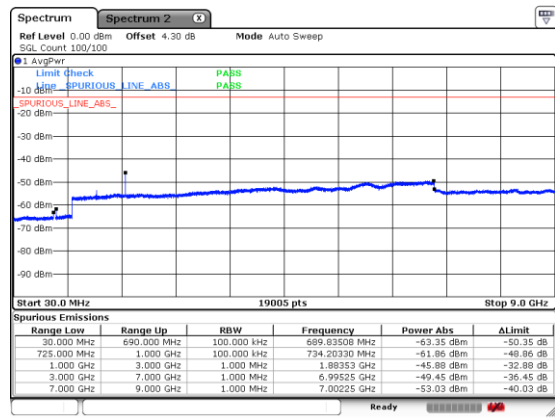
Lowest Channel / 256QAM



Middle Channel / 256QAM



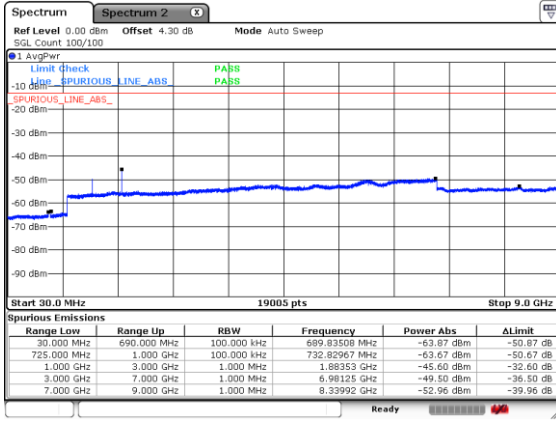
Highest Channel / 256QAM



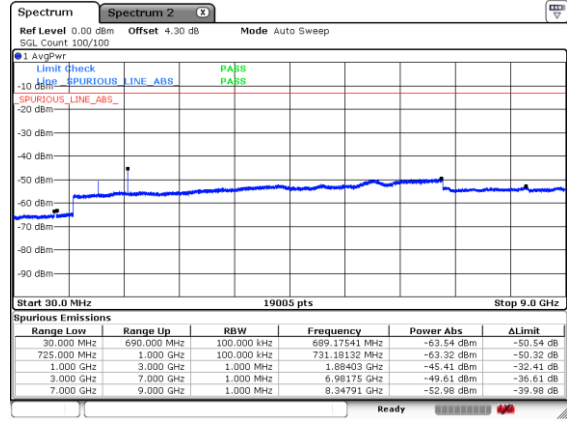


EN-DC_2A_n12A / LTE 10MHz + NR 15MHz

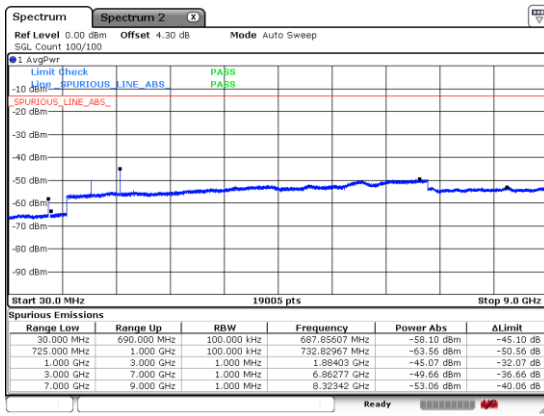
Lowest Channel / BPSK



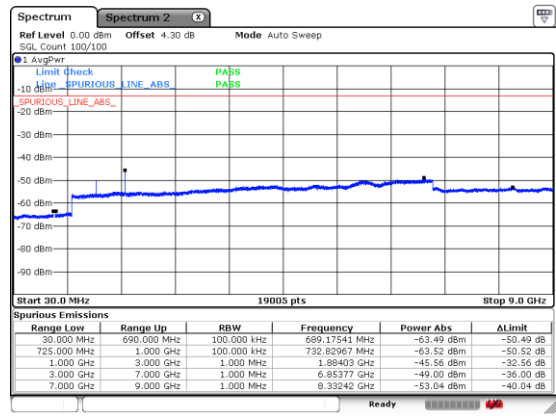
Lowest Channel / QPSK



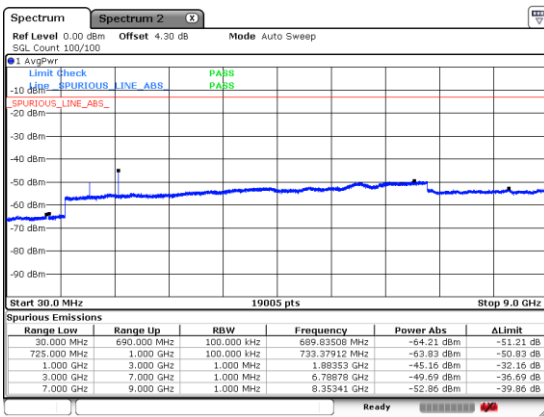
Middle Channel / BPSK



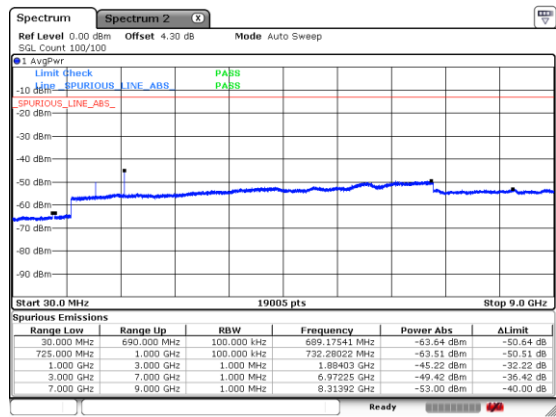
Middle Channel / QPSK



Highest Channel / BPSK



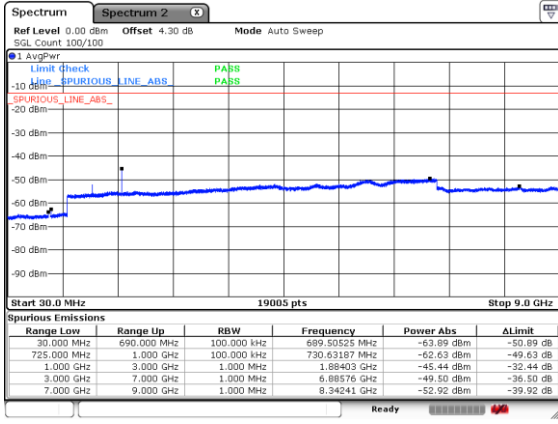
Highest Channel / QPSK



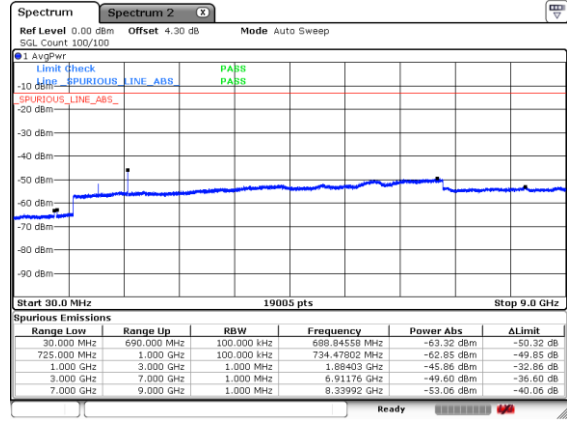


EN-DC_2A_n12A / LTE 10MHz + NR 15MHz

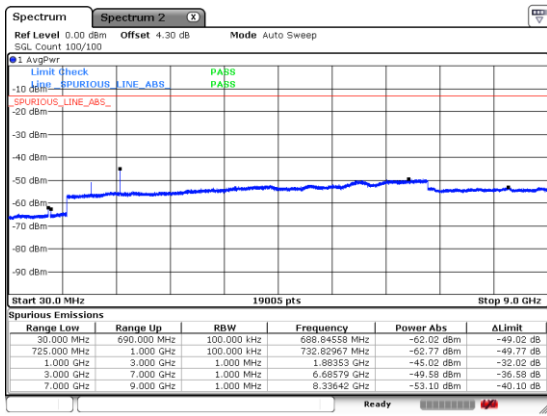
Lowest Channel / 16QAM



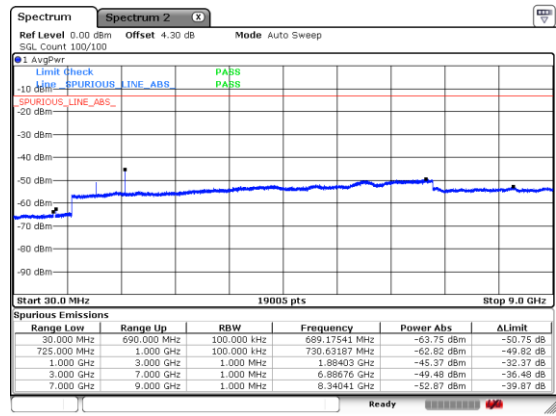
Lowest Channel / 64QAM



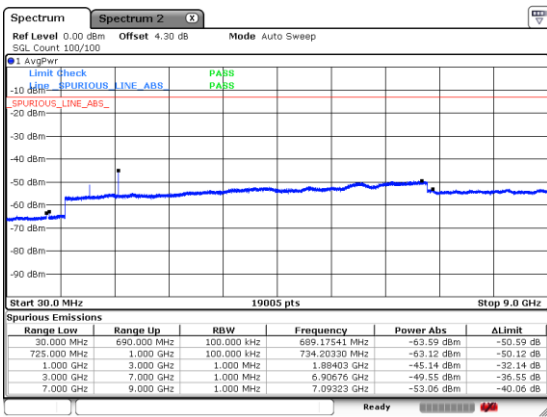
Middle Channel / 16QAM



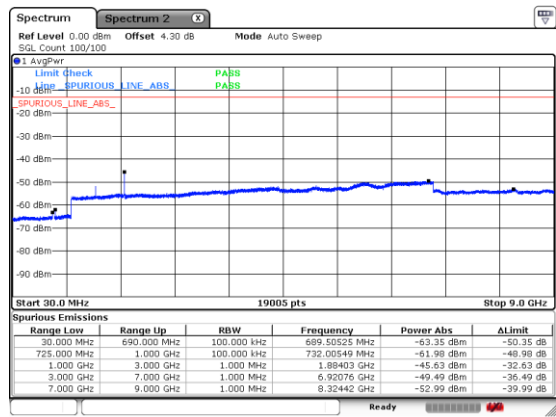
Middle Channel / 64QAM



Highest Channel / 16QAM



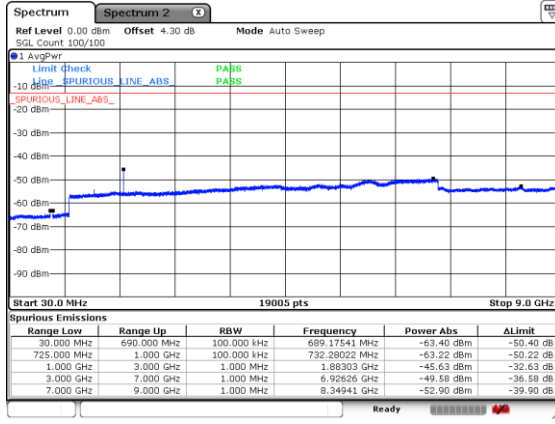
Highest Channel / 64QAM



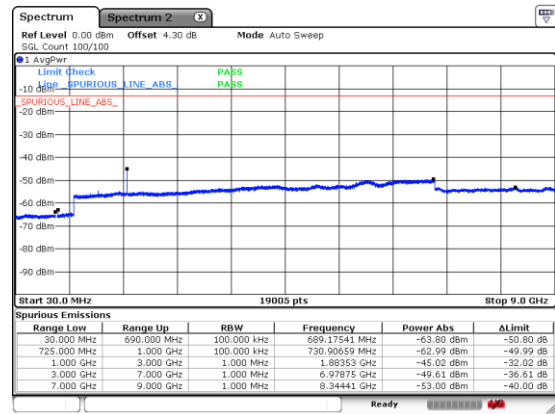


EN-DC_2A_n12A / LTE 10MHz + NR 15MHz

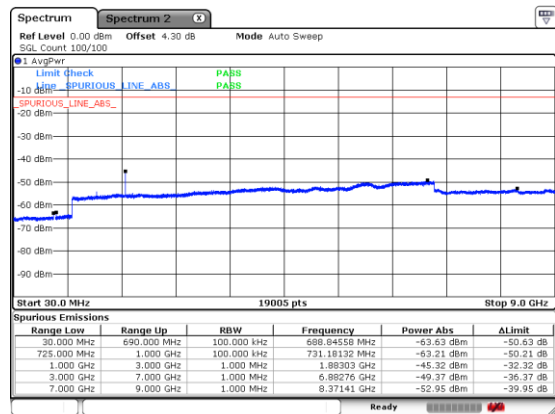
Lowest Channel / 256QAM



Middle Channel / 256QAM



Highest Channel / 256QAM





Frequency Stability

Test Conditions		EN-DC_2A_n12A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



5G NR n25

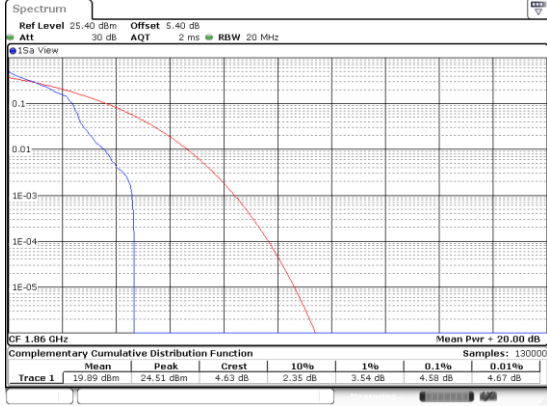
Peak-to-Average Ratio

Mode	N25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.71	4.29	6.12	6.23	PASS
Middle CH	5.77	5.04	6.00	6.06	
Highest CH	5.77	5.22	6.03	6.17	
Mode	N25 / 20MHz				
Mod.	64QAM		256QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.68	6.35	6.20	6.64	PASS
Middle CH	5.65	6.20	6.20	6.20	
Highest CH	6.20	6.38	6.17	6.67	
Mode	N25 / 20MHz				
Mod.	BPSK				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.58	3.22			PASS
Middle CH	4.29	3.80			
Highest CH	4.29	3.68			

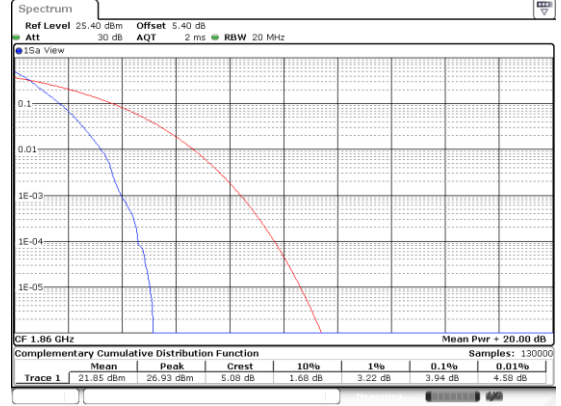


EN-DC_66A_n25A / LTE 10MHz + NR 20MHz / BPSK

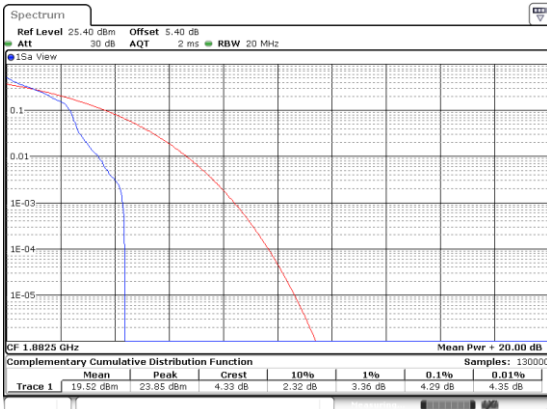
Lowest Channel / 1RB0



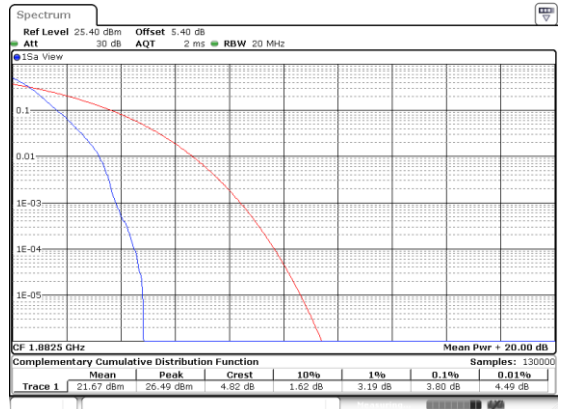
Lowest Channel / 100RB0



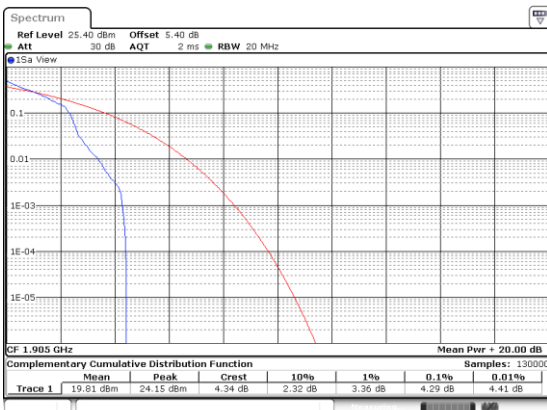
Middle Channel / 1RB0



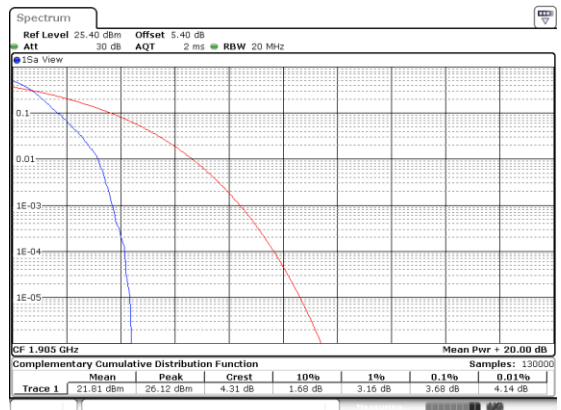
Middle Channel / 100RB0



Highest Channel / 1RB0



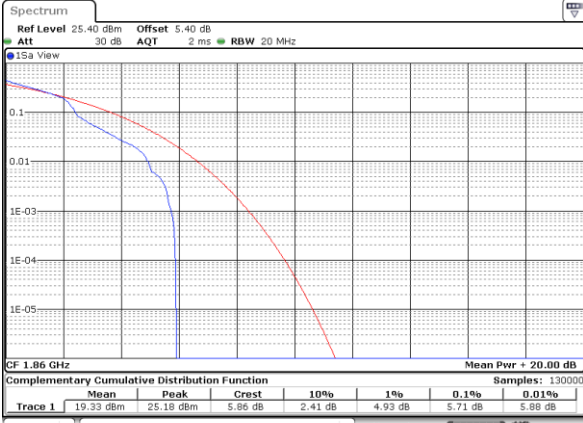
Highest Channel / 100RB0





EN-DC_66A_n25A / LTE 10MHz + NR 20MHz / QPSK

Lowest Channel / 1RB0



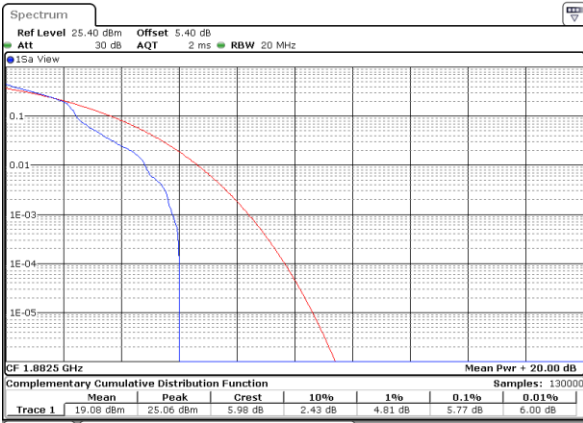
Date: 22 MAY 2020 03:53:53

Lowest Channel / 100RB0



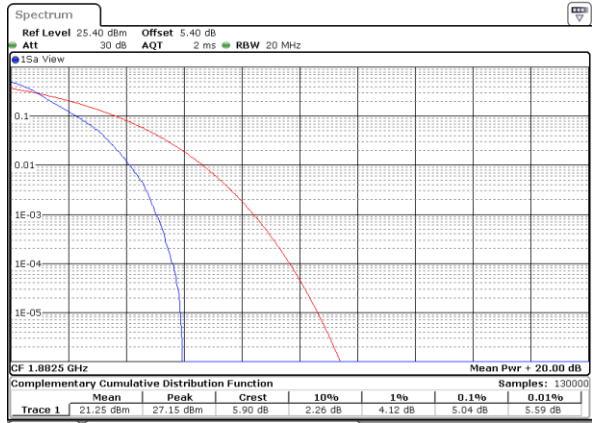
Date: 22 MAY 2020 03:46:29

Middle Channel / 1RB0



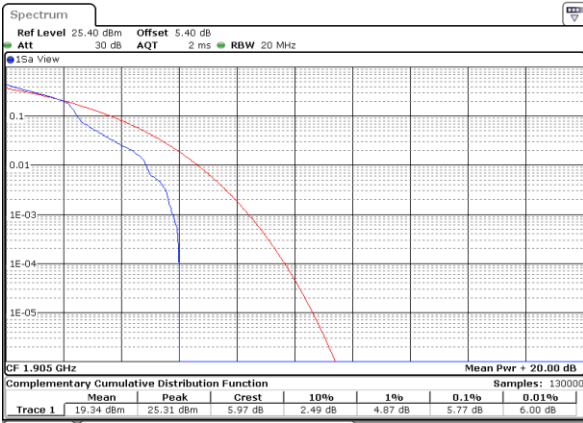
Date: 22 MAY 2020 04:05:14

Middle Channel / 100RB0



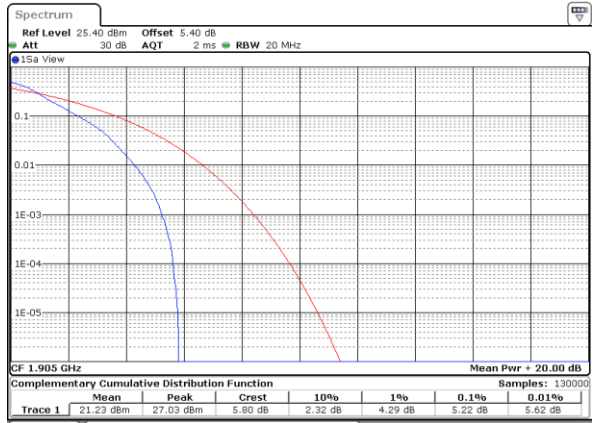
Date: 22 MAY 2020 04:14:22

Highest Channel / 1RB0



Date: 22 MAY 2020 04:38:25

Highest Channel / 100RB0



Date: 22 MAY 2020 04:19:26