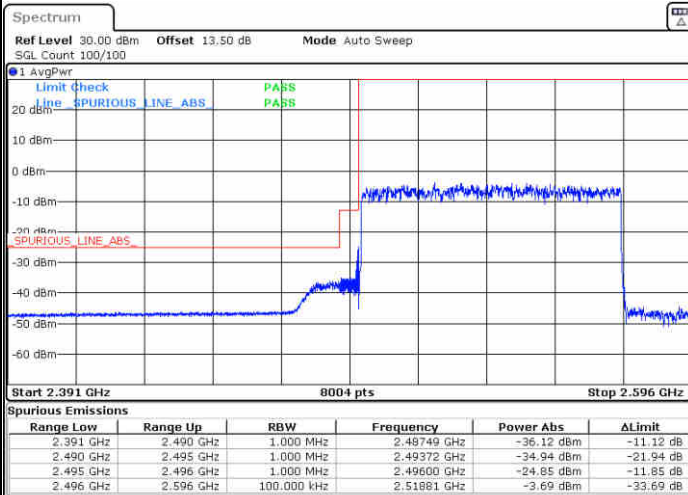


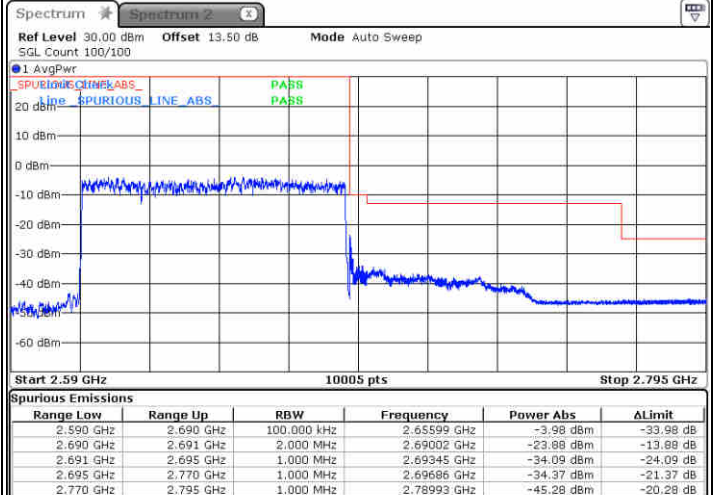


Lowest Band Edge / 216#0_16QAM

Highest Band Edge / 216#0_16QAM



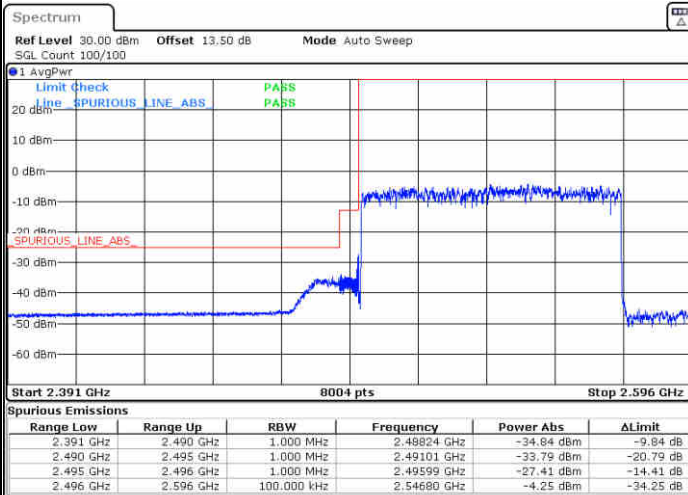
Date: 17 JUL 2020 03:51:30



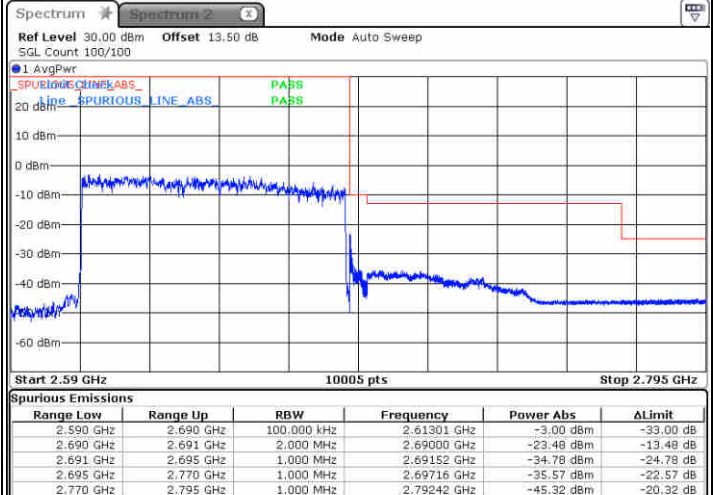
Date: 24 JUL 2020 00:25:12

Lowest Band Edge / 216#0_64QAM

Highest Band Edge / 216#0_64QAM



Date: 17 JUL 2020 03:51:43



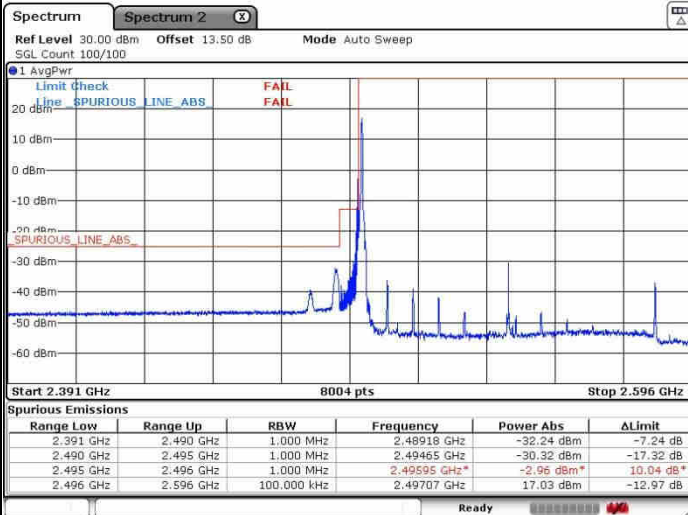
Date: 24 JUL 2020 00:24:53



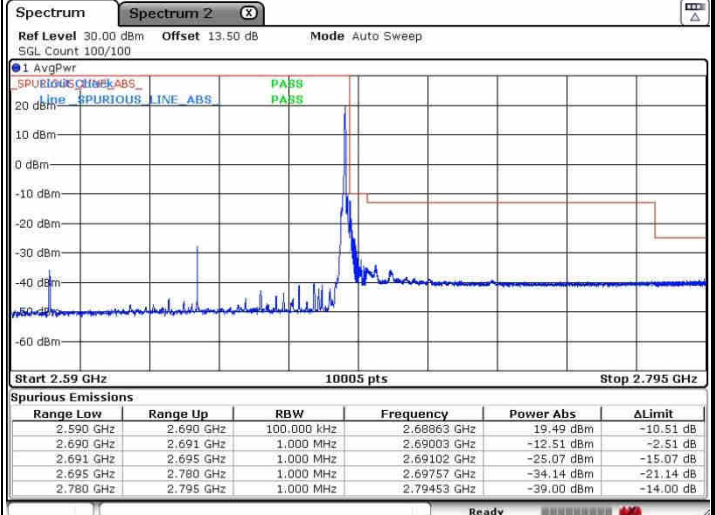
90M

Lowest Band Edge / 1RB0-BPSK

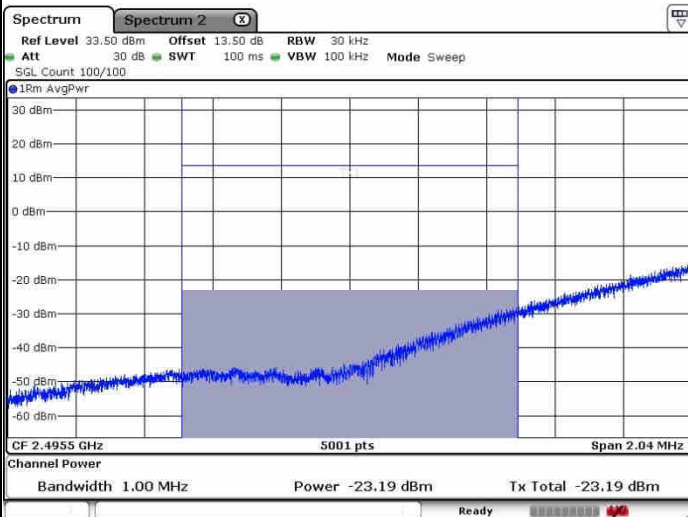
Highest Band Edge / 1RBMAX-BPSK



Date: 23 JUL 2020 07:19:50



Date: 23 JUL 2020 07:26:16

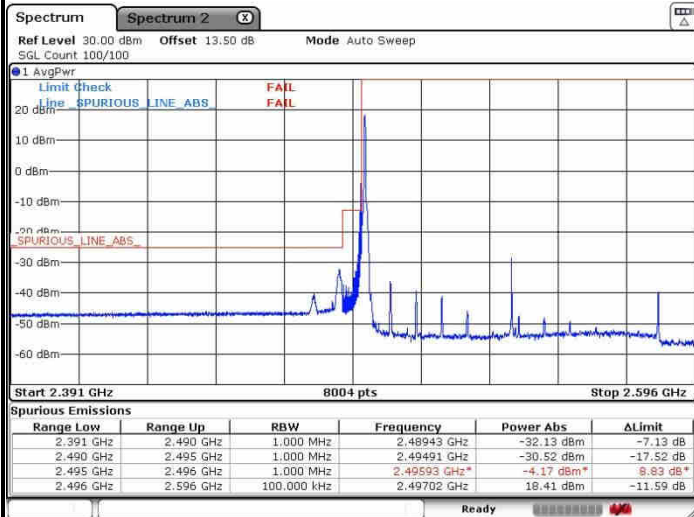


Date: 23 JUL 2020 10:19:12

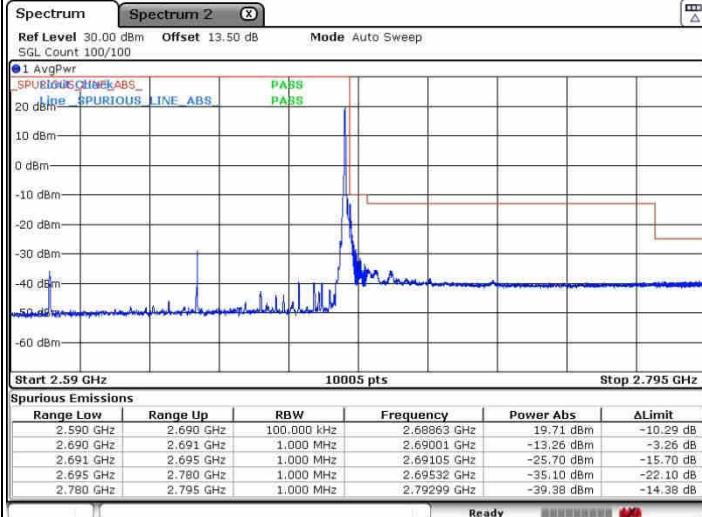


Lowest Band Edge / 1RB0-QPSK

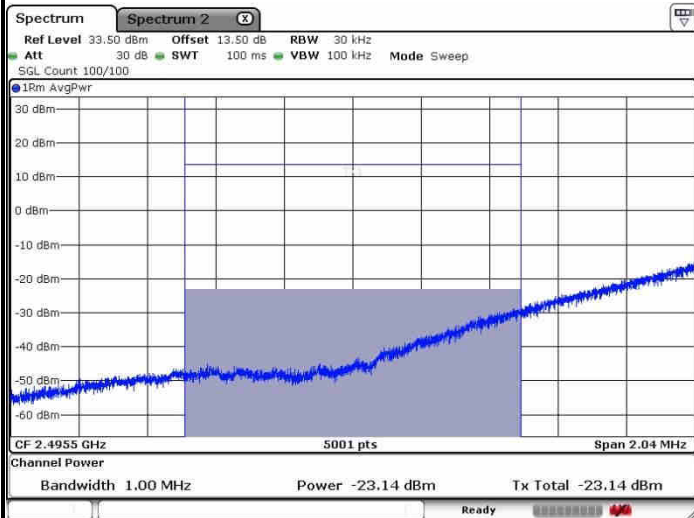
Highest Band Edge / 1RBMAX-QPSK



Date: 23 JUL 2020 07:20:27



Date: 23 JUL 2020 07:25:53

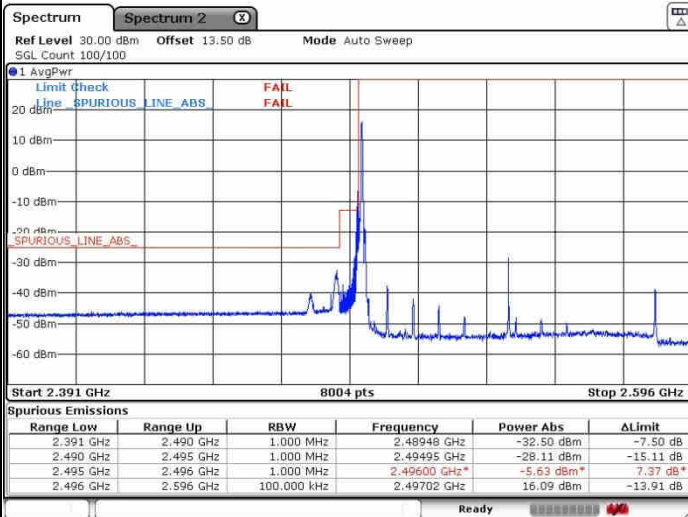


Date: 23 JUL 2020 10:20:16

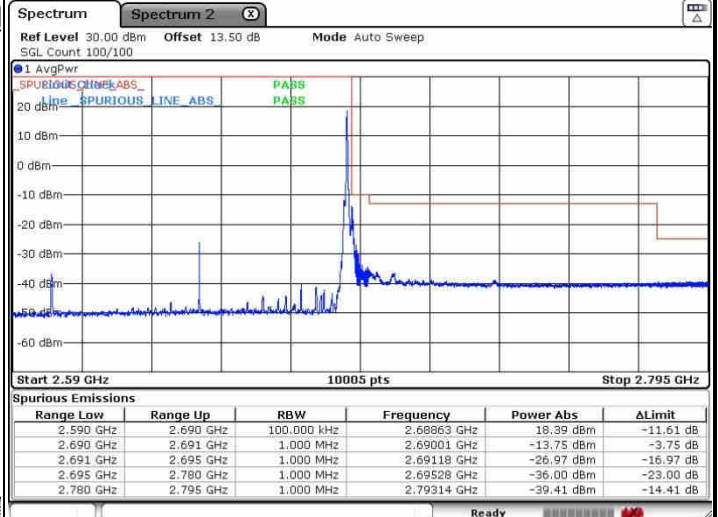


Lowest Band Edge / 1RB0-16QAM

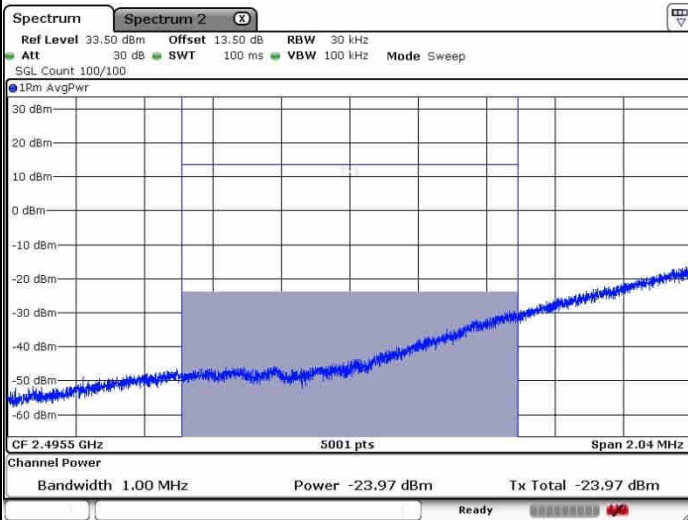
Highest Band Edge / 1RBMAX-16QAM



Date: 23 JUL 2020 07:20:42



Date: 23 JUL 2020 07:25:30

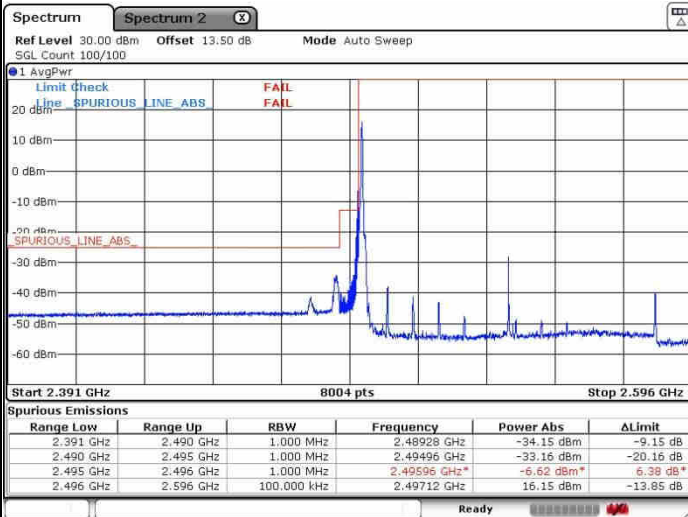


Date: 23 JUL 2020 10:20:47

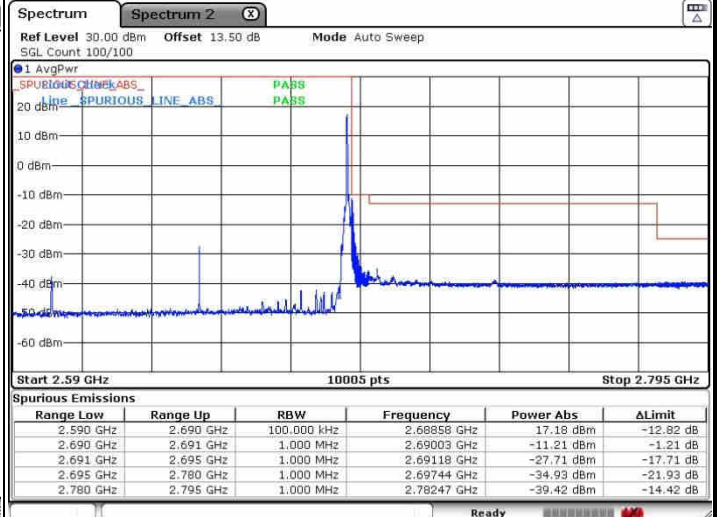


Lowest Band Edge / 1RB0-64QAM

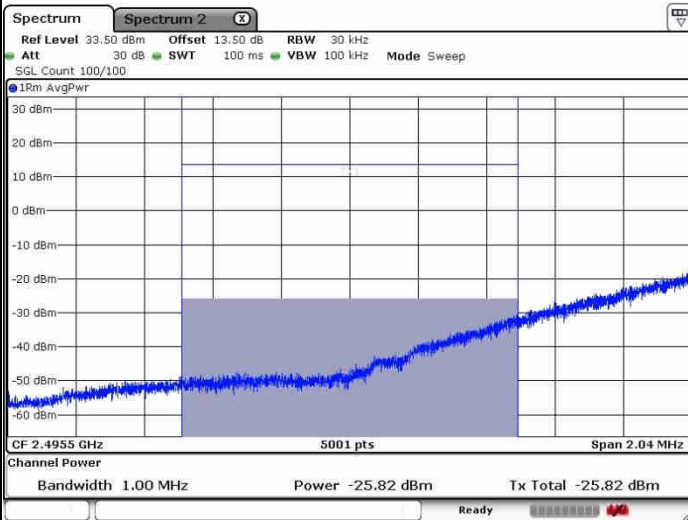
Highest Band Edge / 1RBMAX-64QAM



Date: 23 JUL 2020 07:21:00



Date: 23 JUL 2020 07:24:44

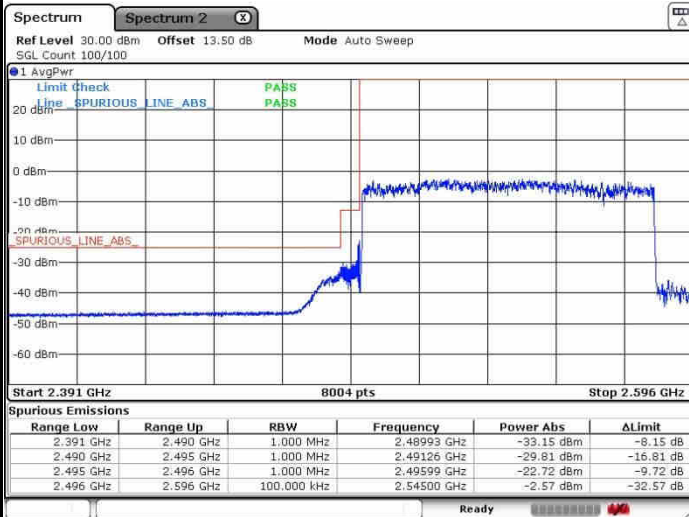


Date: 23 JUL 2020 10:21:20

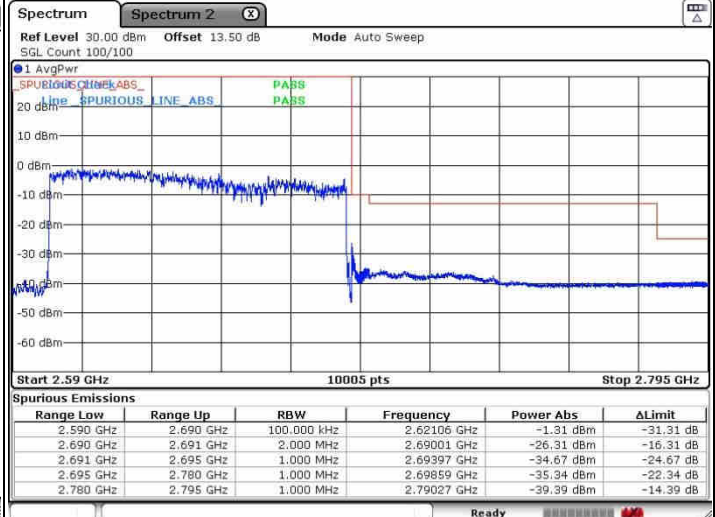


Lowest Band Edge / FULLRB-BPSK

Highest Band Edge / FULLRB-BPSK



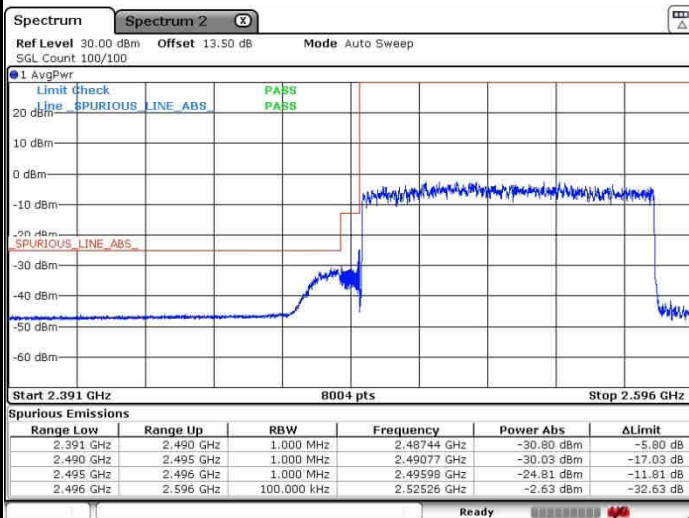
Date: 23 JUL 2020 07:16:27



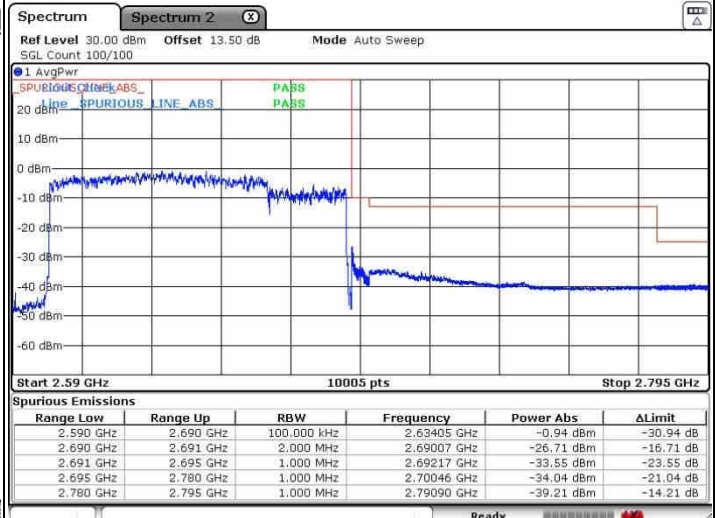
Date: 23 JUL 2020 07:26:45

Lowest Band Edge / FULLRB-QPSK

Highest Band Edge / FULLRB-QPSK



Date: 23 JUL 2020 07:17:04

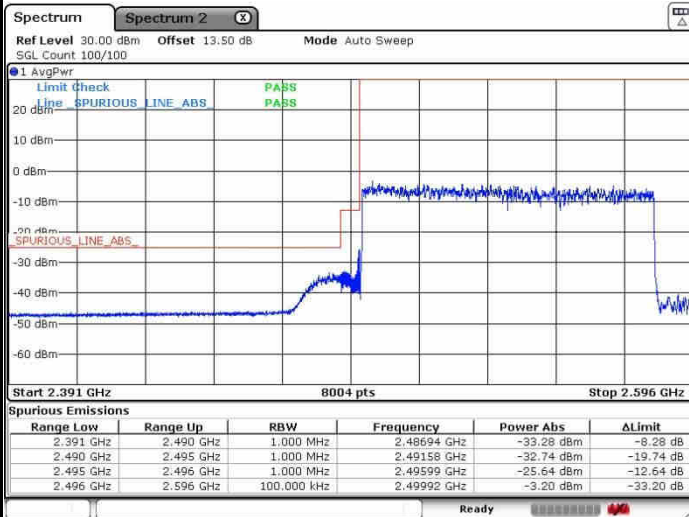


Date: 23 JUL 2020 07:27:06

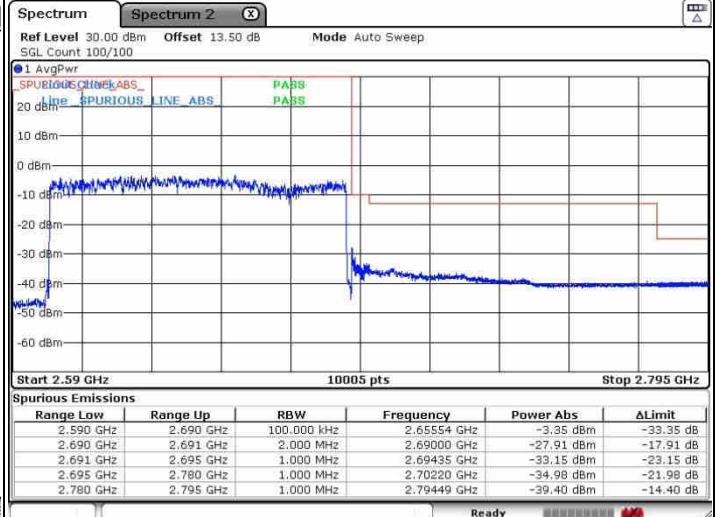


Lowest Band Edge / FULLRB-16QAM

Highest Band Edge / FULLRB-16QAM



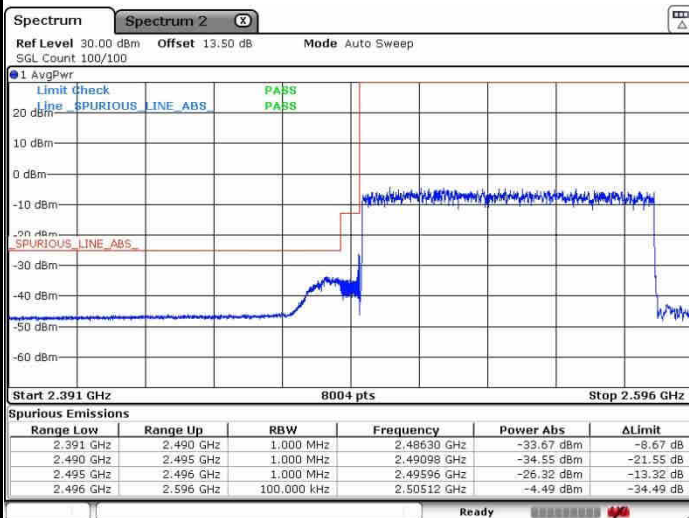
Date: 23 JUL 2020 07:17:20



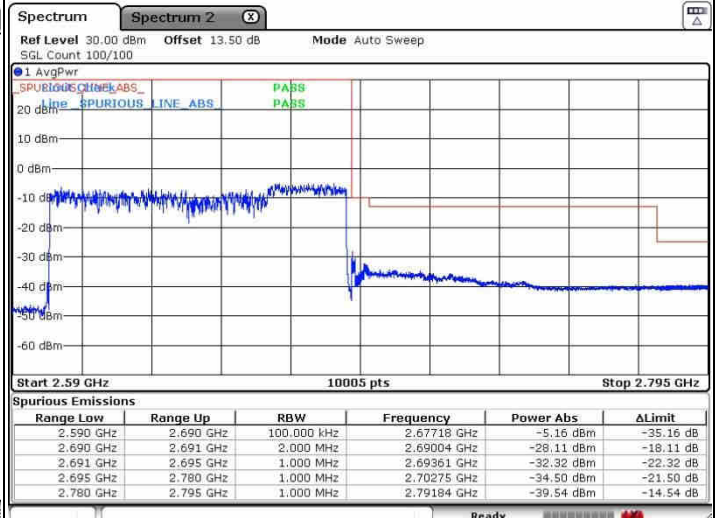
Date: 23 JUL 2020 07:27:23

Lowest Band Edge / FULLRB-64QAM

Highest Band Edge / FULLRB-64QAM



Date: 23 JUL 2020 07:17:37



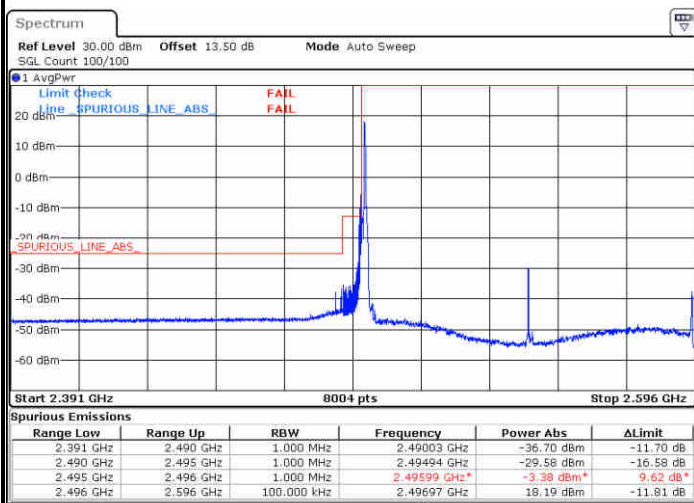
Date: 23 JUL 2020 07:28:00



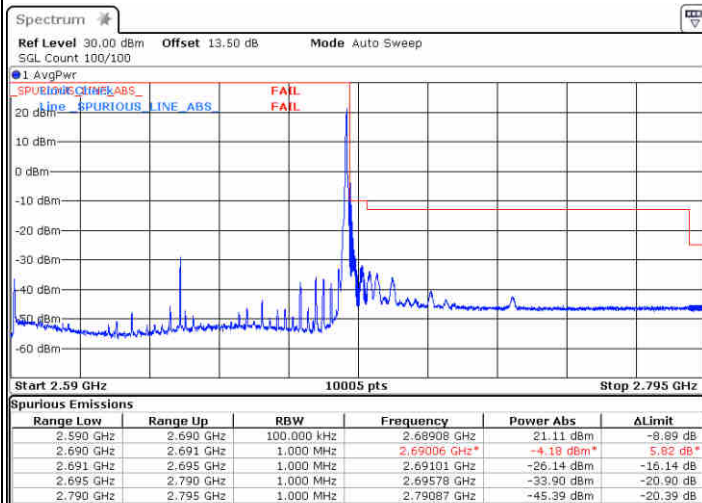
100M

Lowest Band Edge / 1RB0-BPSK

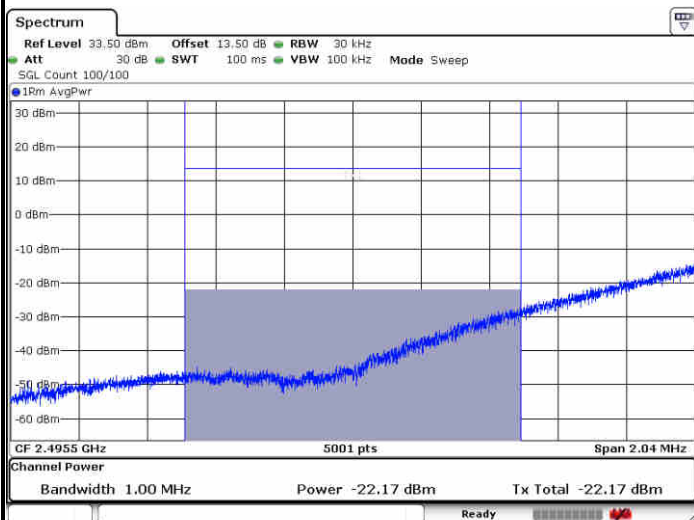
Highest Band Edge / 1RBMAX- BPSK



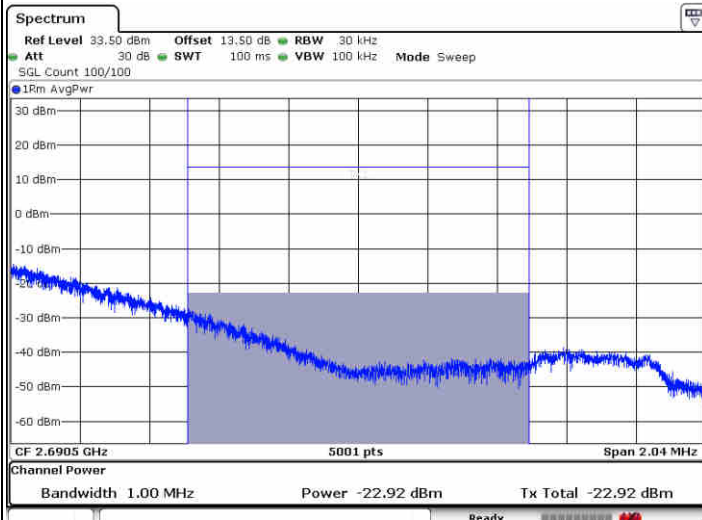
Date: 23 JUL 2020 23:12:43



Date: 23 JUL 2020 23:09:32



Date: 23 JUL 2020 23:29:06

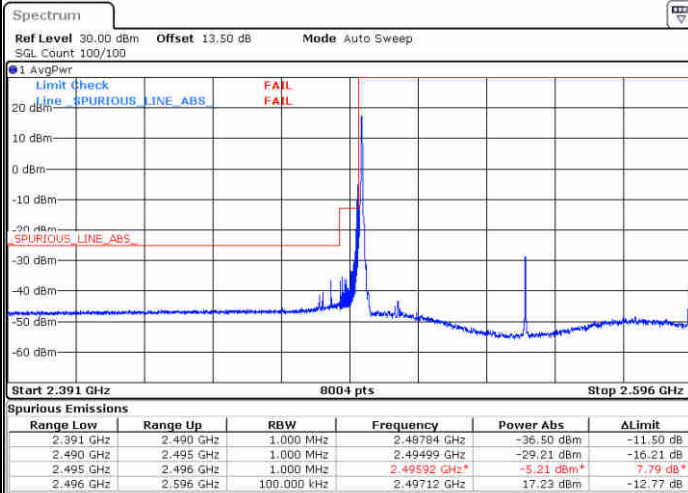


Date: 23 JUL 2020 23:22:14

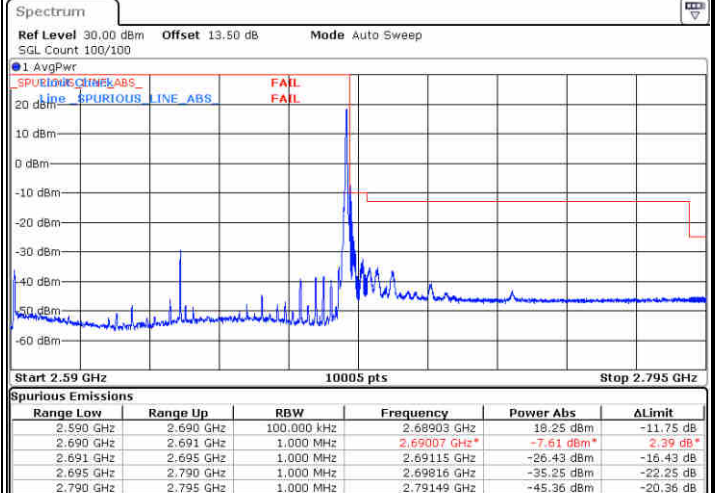


Lowest Band Edge / 1RB0-QPSK

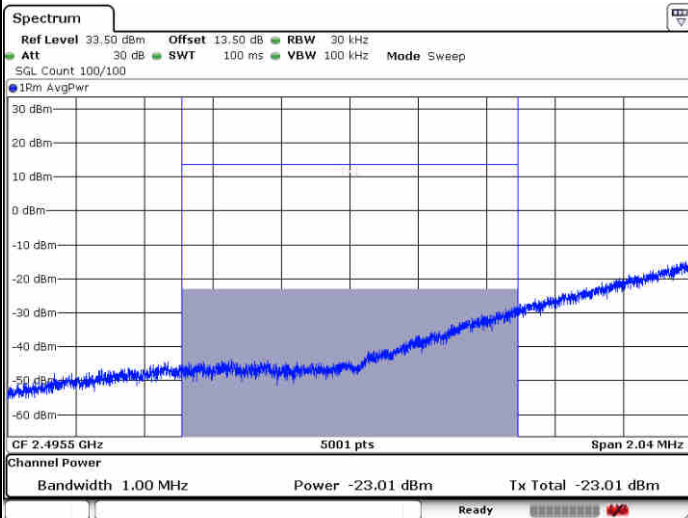
Highest Band Edge / 1RBMAX- QPSK



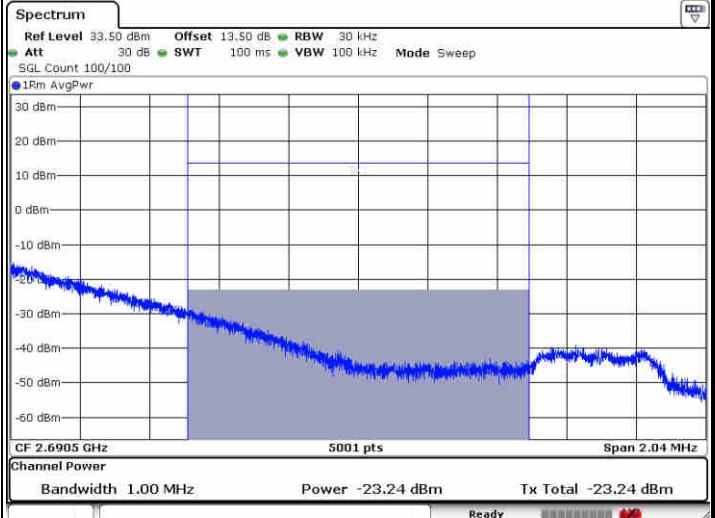
Date: 23 JUL 2020 23:12:30



Date: 23 JUL 2020 23:09:47



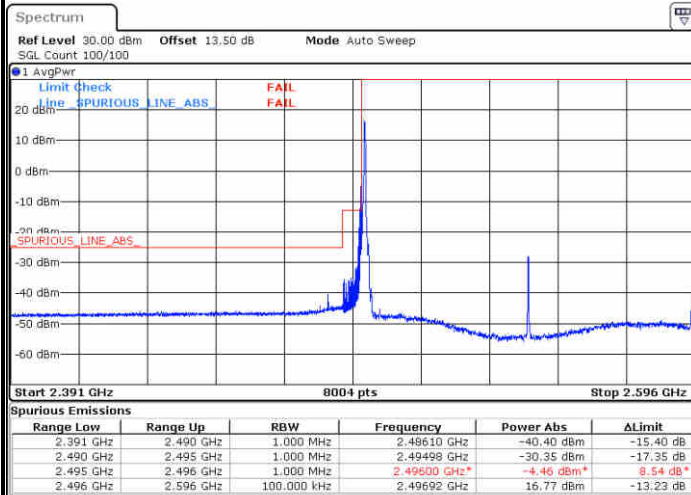
Date: 23 JUL 2020 23:29:26



Date: 23 JUL 2020 23:27:05

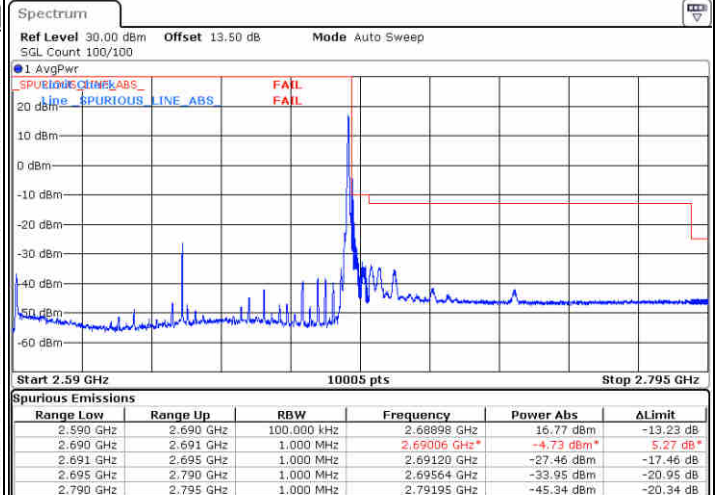


Lowest Band Edge / 1RB0-16QAM

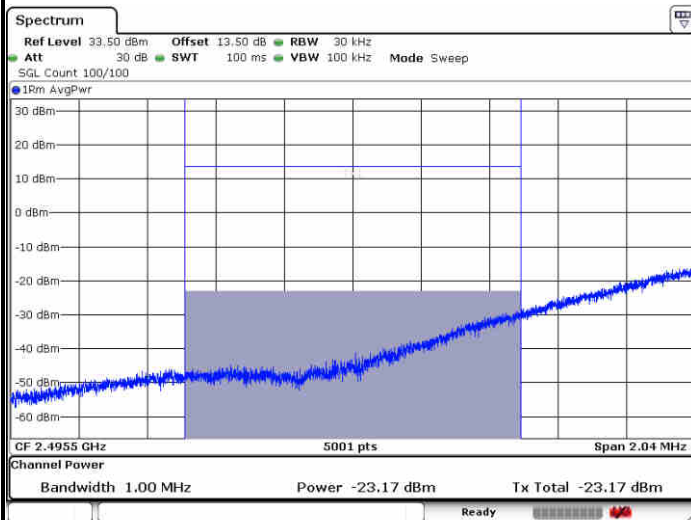


Date: 23 JUL 2020 23:12:16

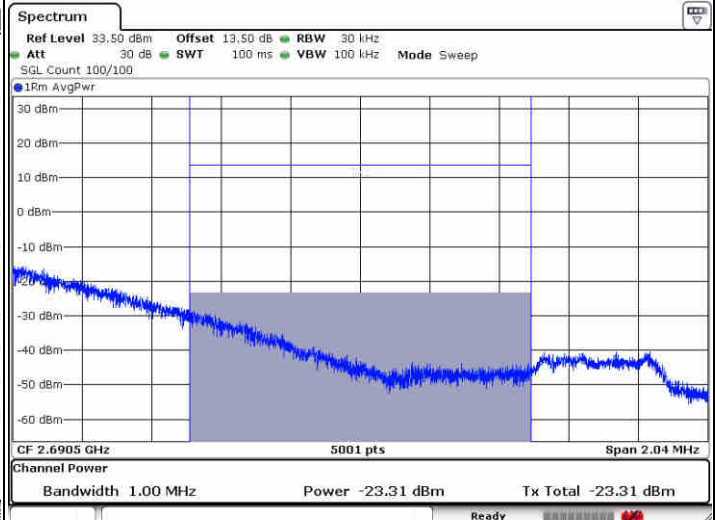
Highest Band Edge / 1RBMAX- 16QAM



Date: 23 JUL 2020 23:10:00



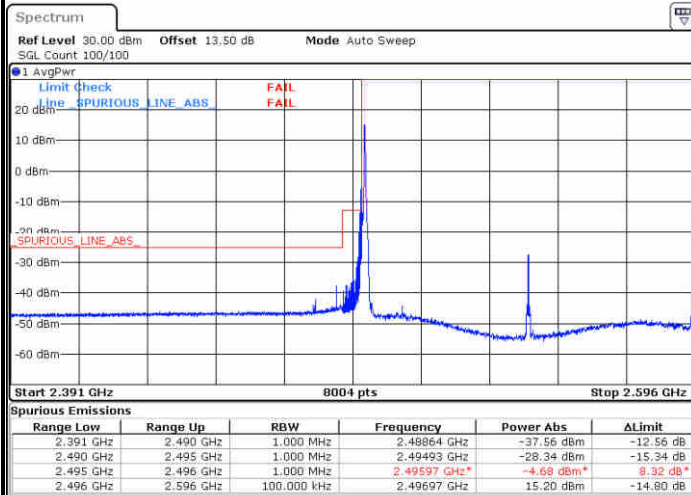
Date: 23 JUL 2020 23:29:45



Date: 23 JUL 2020 23:27:28

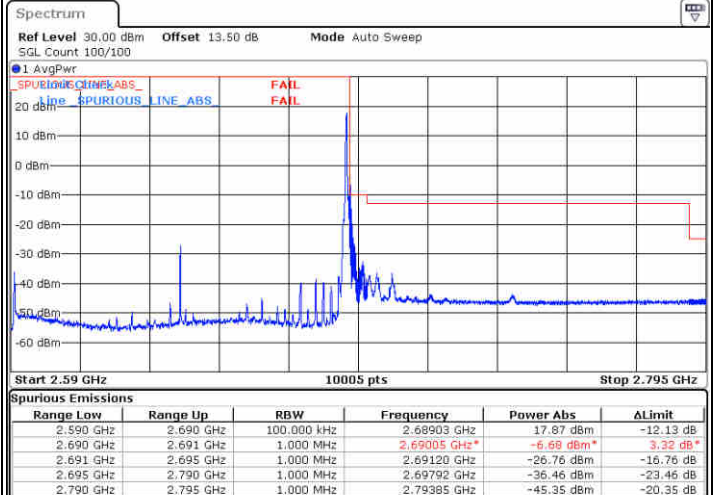


Lowest Band Edge / 1RB0-64QAM

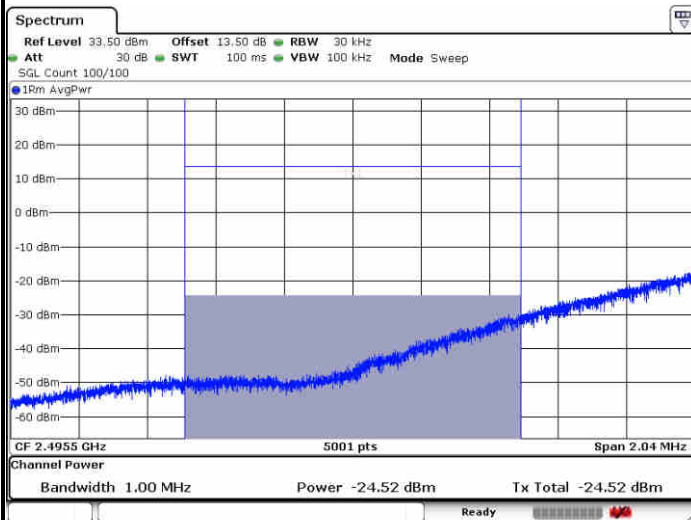


Date: 23 JUL 2020 23:11:59

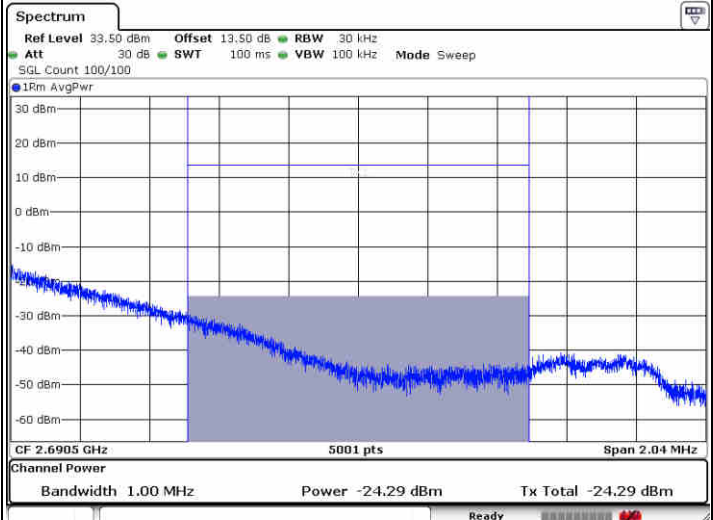
Highest Band Edge / 1RBMAX- 64QAM



Date: 23 JUL 2020 23:10:16



Date: 23 JUL 2020 23:30:04

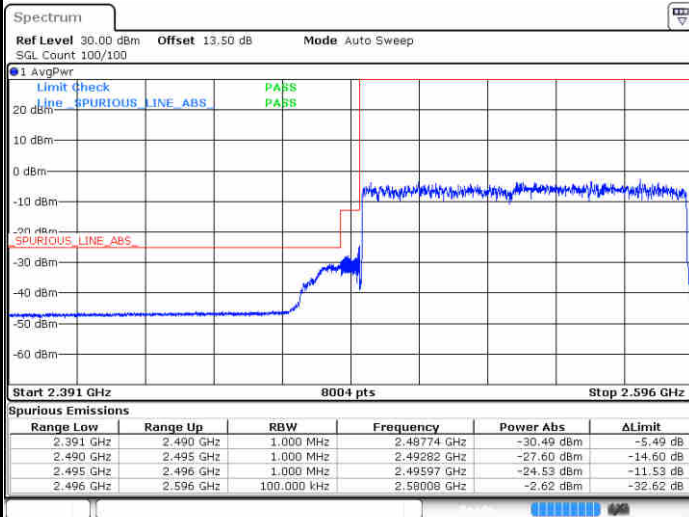


Date: 23 JUL 2020 23:27:52



Lowest Band Edge / FULLRB BPSK

Highest Band Edge / FULLRB BPSK



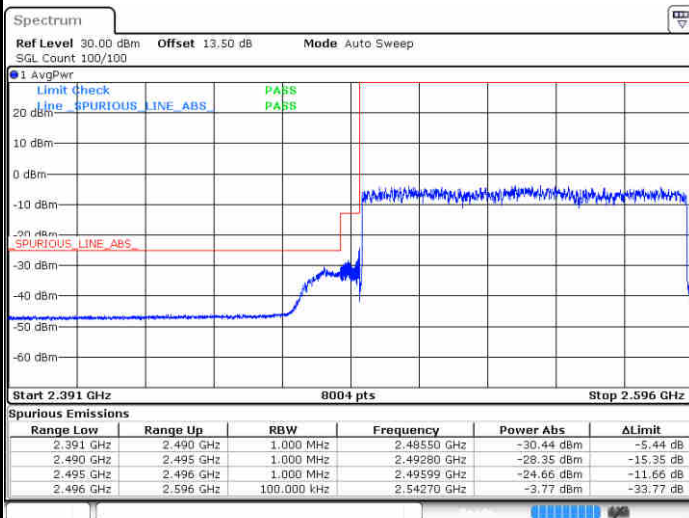
Date: 23 JUL 2020 23:10:50



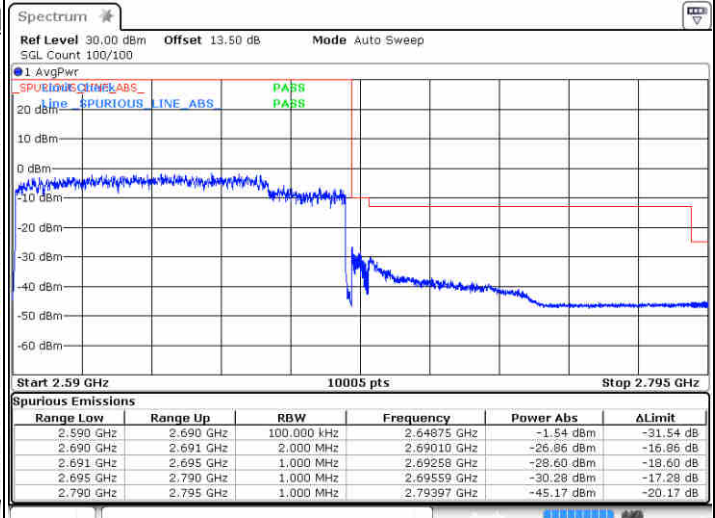
Date: 23 JUL 2020 23:02:55

Lowest Band Edge / FULLRB QPSK

Highest Band Edge / FULLRB QPSK



Date: 23 JUL 2020 23:11:02

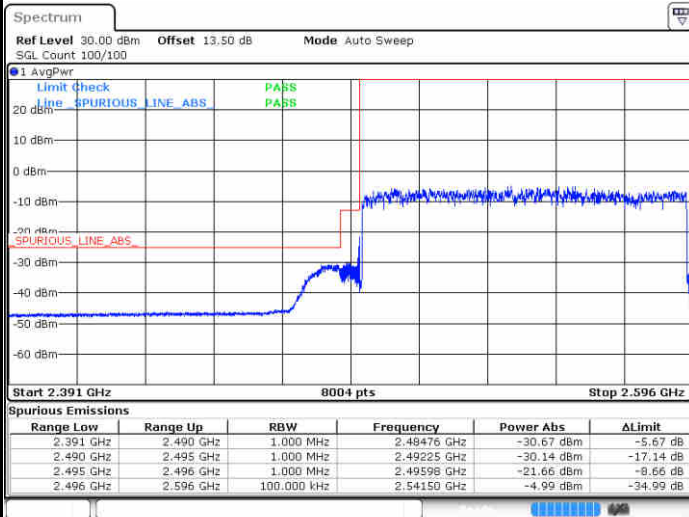


Date: 23 JUL 2020 23:04:52

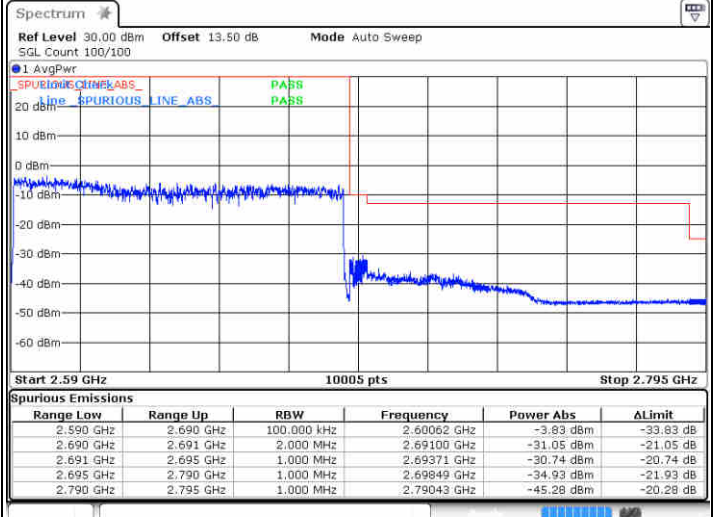


Lowest Band Edge / FULLRB 16QAM

Highest Band Edge / FULLRB 16QAM



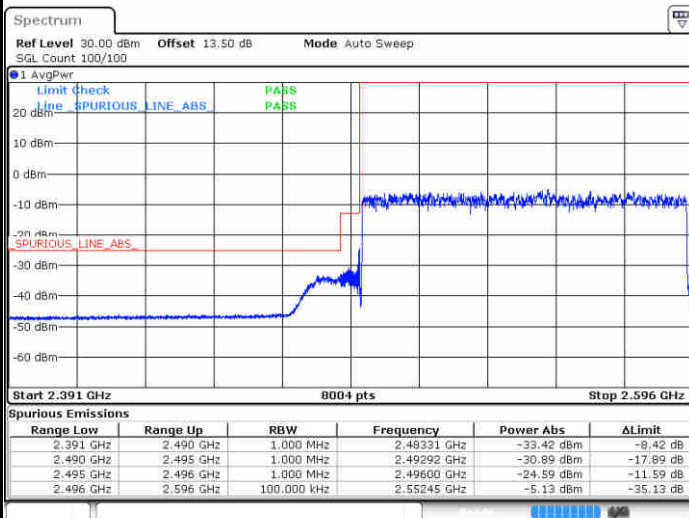
Date: 23 JUL 2020 23:11:16



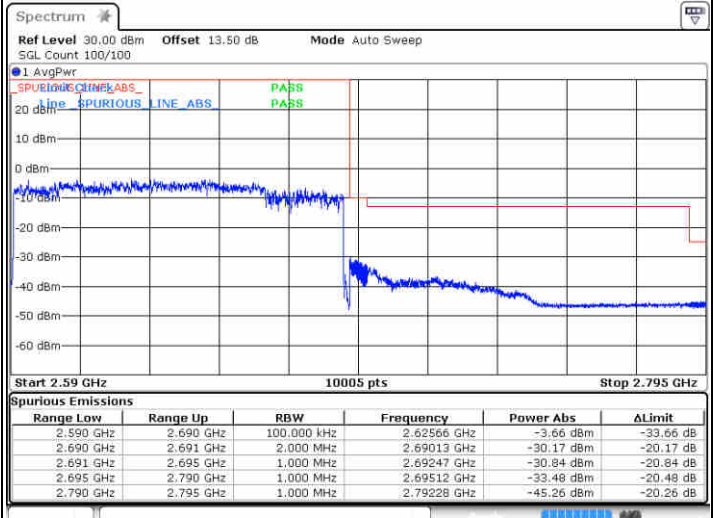
Date: 23 JUL 2020 23:06:21

Lowest Band Edge / FULLRB 64QAM

Highest Band Edge / FULLRB 64QAM



Date: 23 JUL 2020 23:11:29



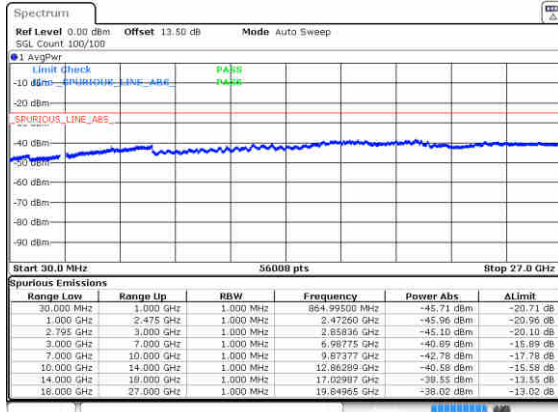
Date: 23 JUL 2020 23:05:45



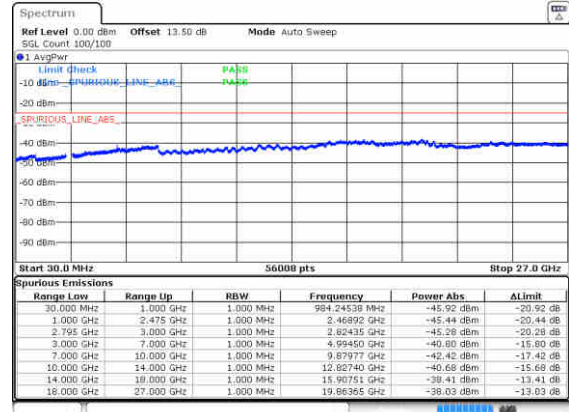
Conducted Spurious Emission

NR 20MHz

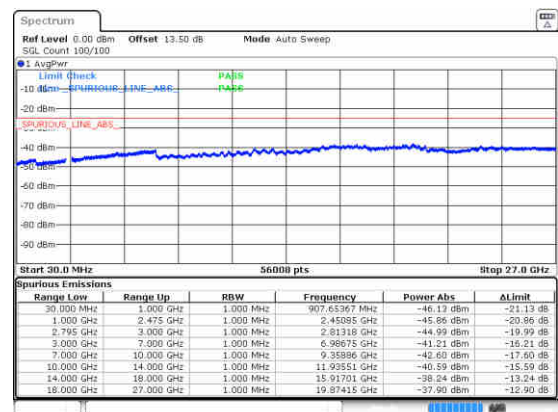
Lowest Channel / BPSK



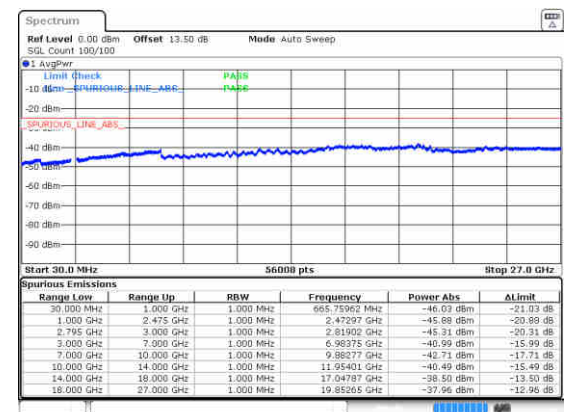
Lowest Channel / QPSK



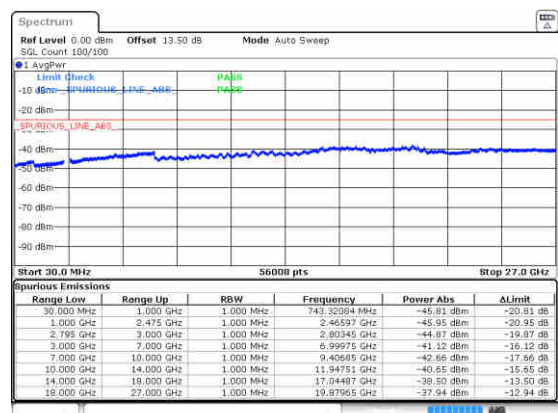
Middle Channel / BPSK



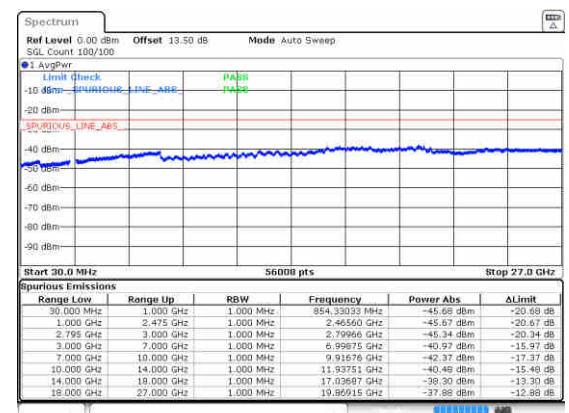
Middle Channel / QPSK



Highest Channel / BPSK



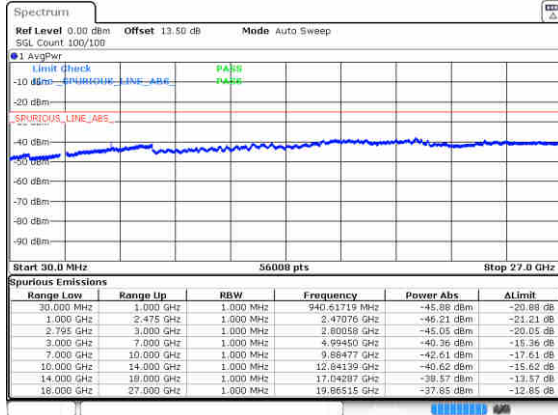
Highest Channel / QPSK



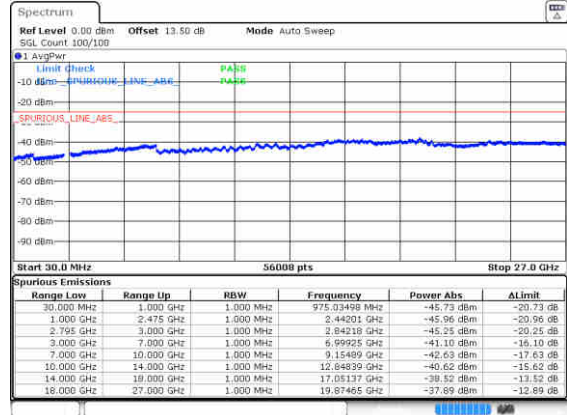


NR 20MHz

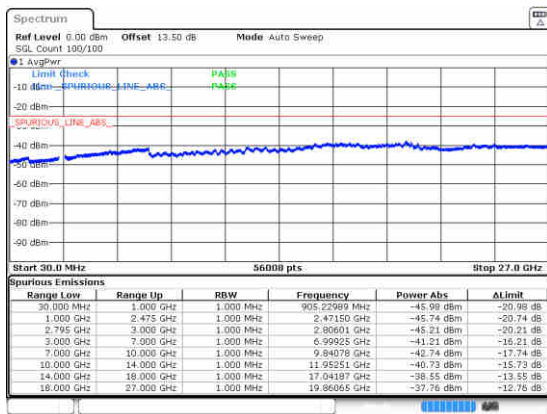
Lowest Channel / 16QAM



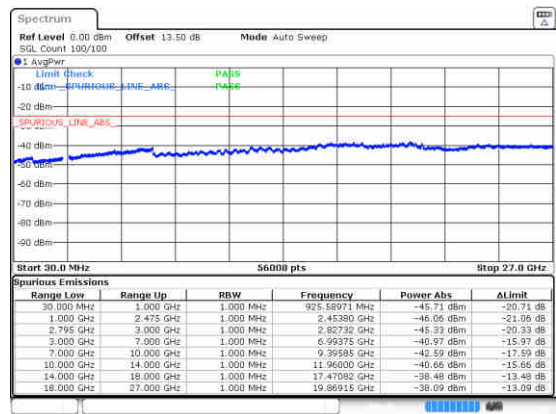
Lowest Channel / 64QAM



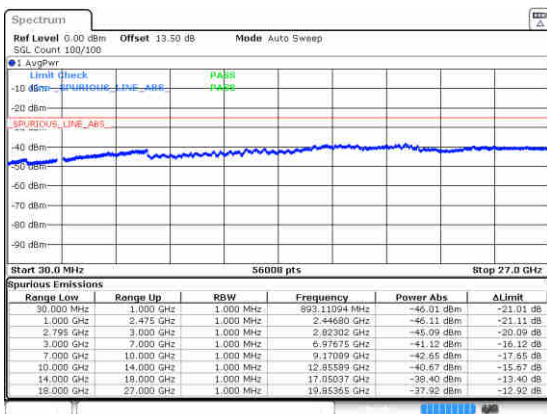
Middle Channel / 16QAM



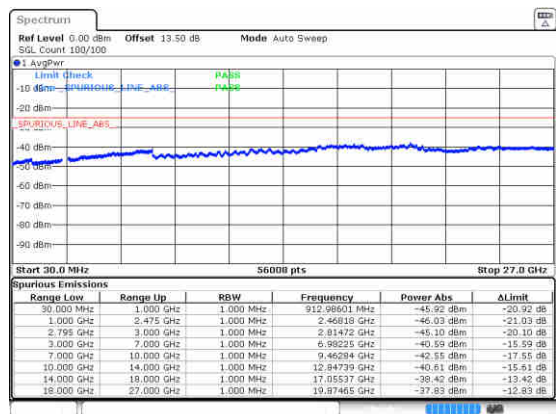
Middle Channel / 64QAM



Highest Channel / 16QAM



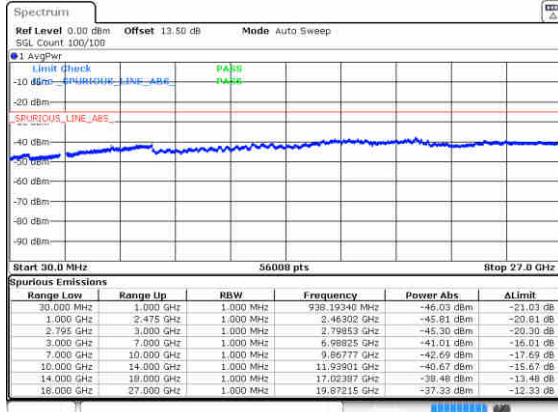
Highest Channel / 64QAM





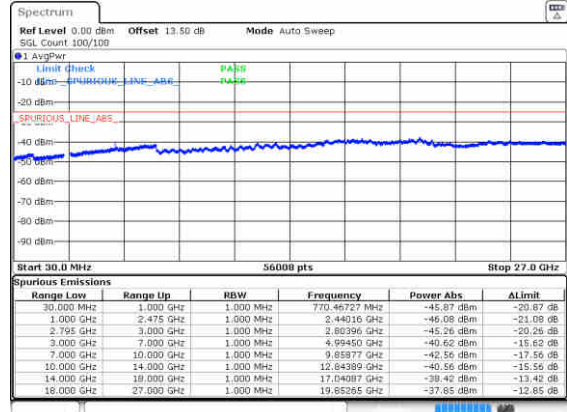
NR 40MHz

Lowest Channel / BPSK



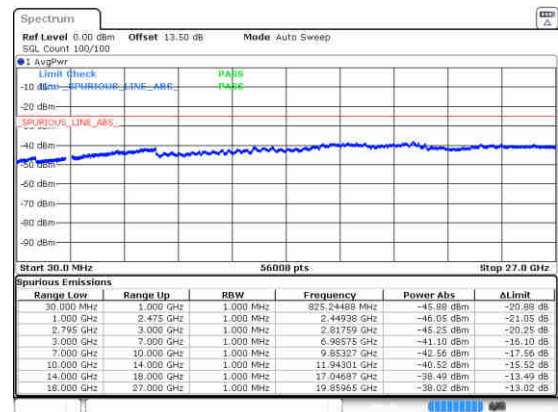
Data: 17-11-2020, 04:53:03

Lowest Channel / QPSK



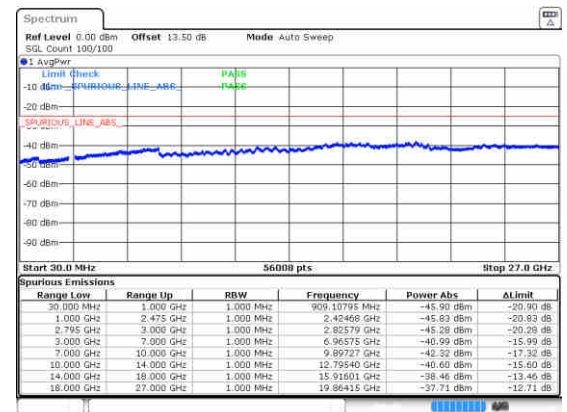
Data: 17-11-2020, 04:53:08

Middle Channel / BPSK



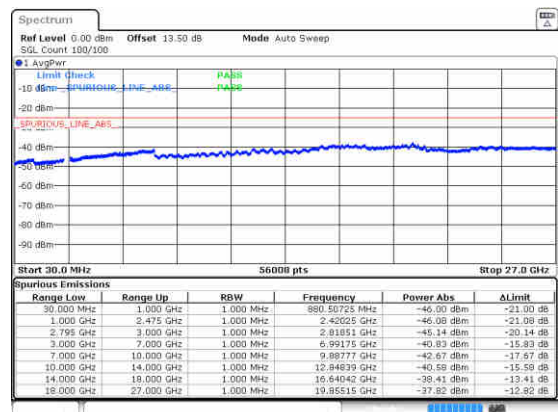
Data: 17-11-2020, 04:53:03

Middle Channel / QPSK



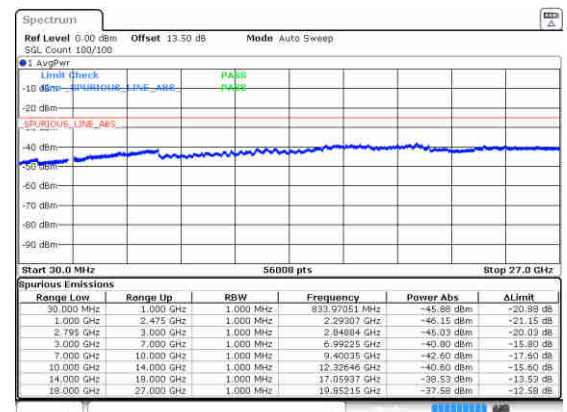
Data: 17-11-2020, 04:53:08

Highest Channel / BPSK



Data: 17-11-2020, 04:53:03

Highest Channel / QPSK

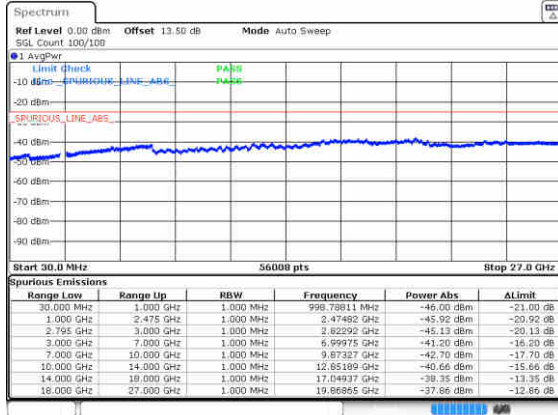


Data: 17-11-2020, 04:53:08

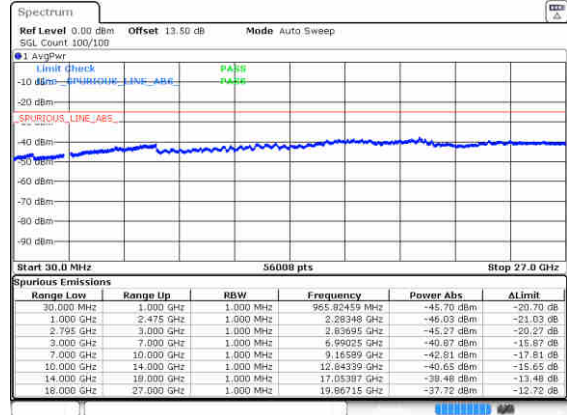


NR 40MHz

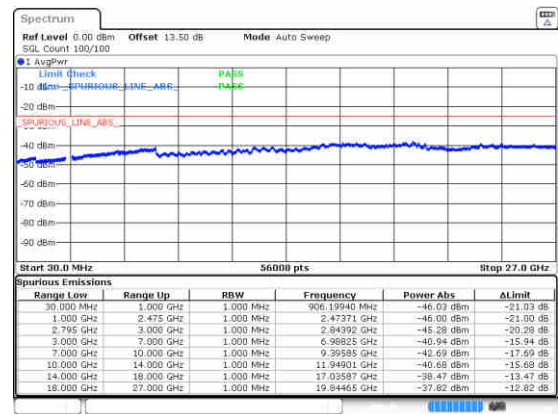
Lowest Channel / 16QAM



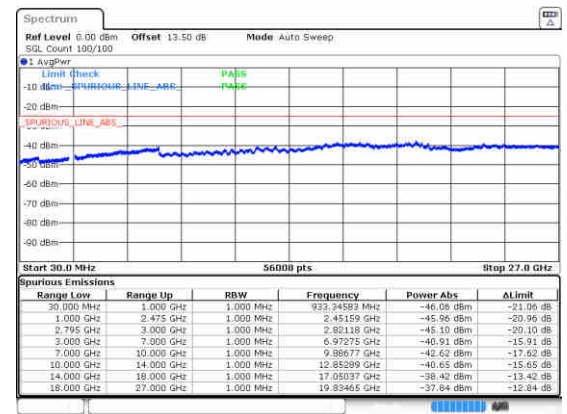
Lowest Channel / 64QAM



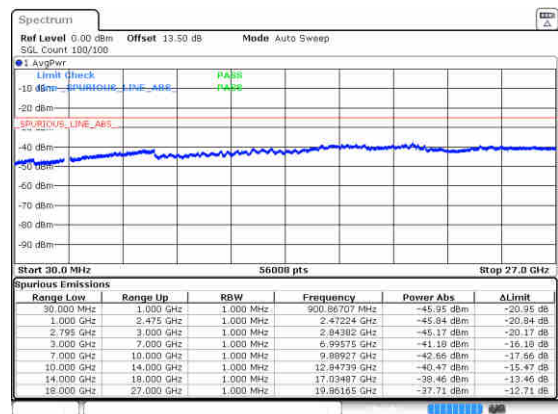
Middle Channel / 16QAM



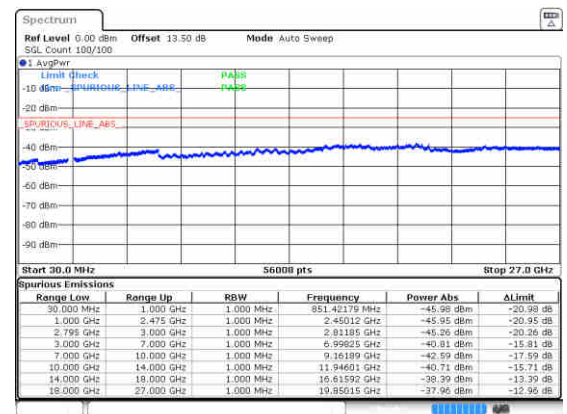
Middle Channel / 64QAM



Highest Channel / 16QAM



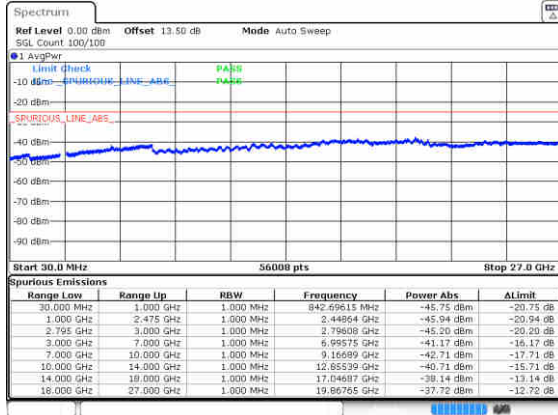
Highest Channel / 64QAM



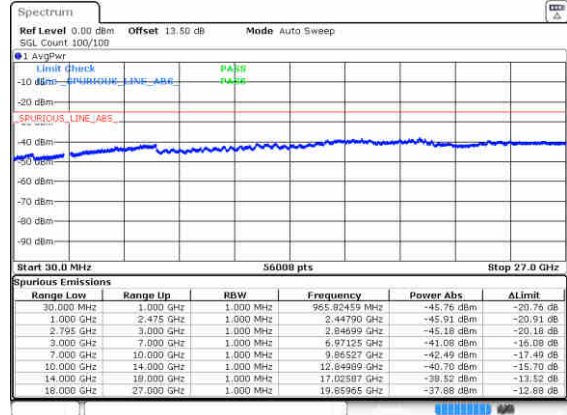


NR 50MHz

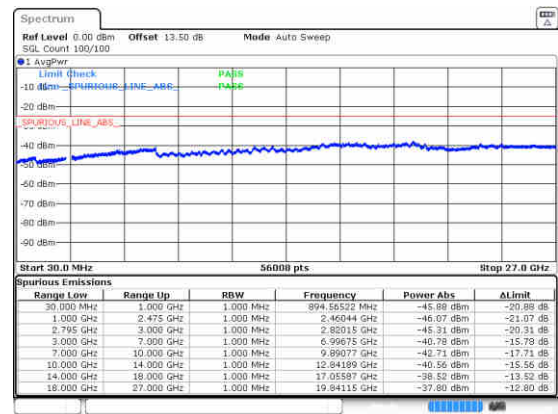
Lowest Channel / BPSK



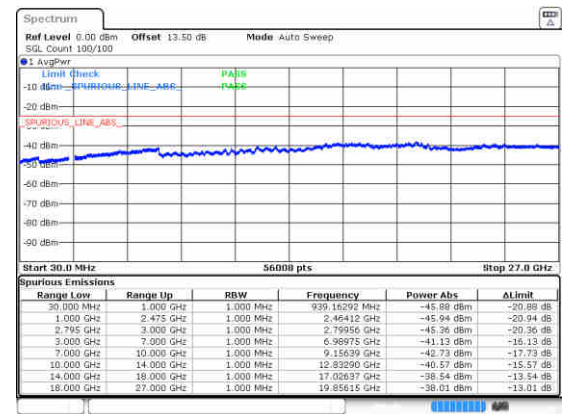
Lowest Channel / QPSK



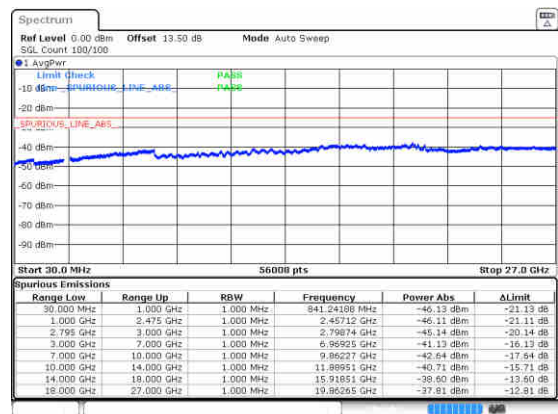
Middle Channel / BPSK



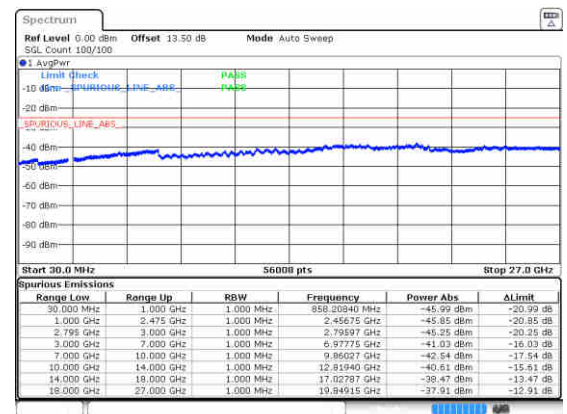
Middle Channel / QPSK



Highest Channel / BPSK



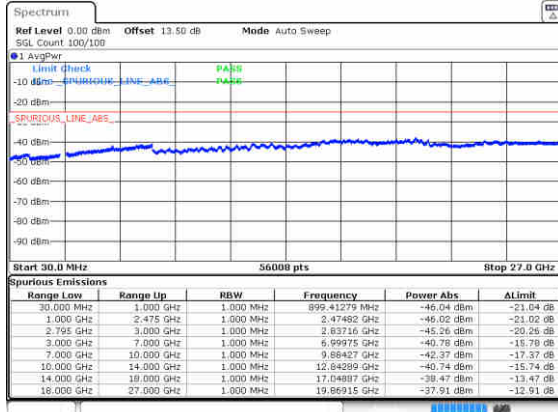
Highest Channel / QPSK



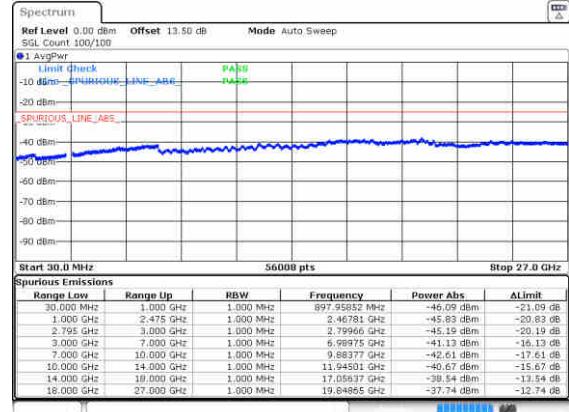


NR 50MHz

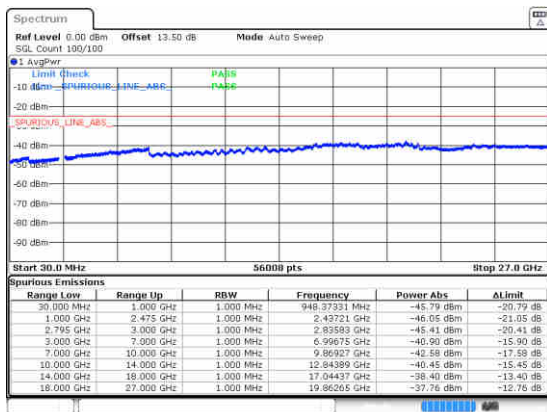
Lowest Channel / 16QAM



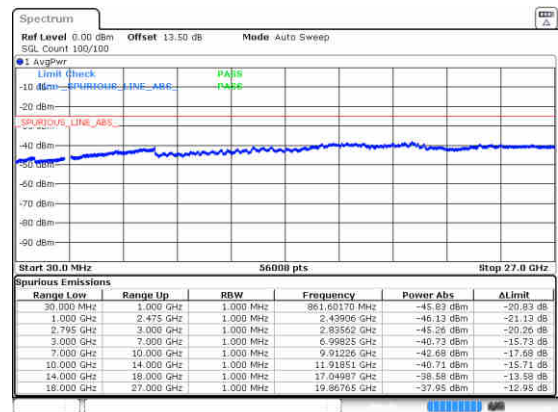
Lowest Channel / 64QAM



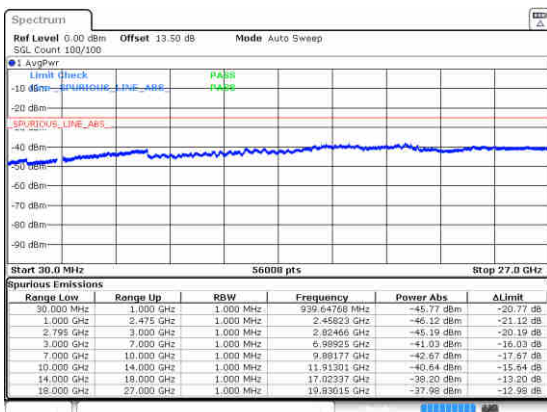
Middle Channel / 16QAM



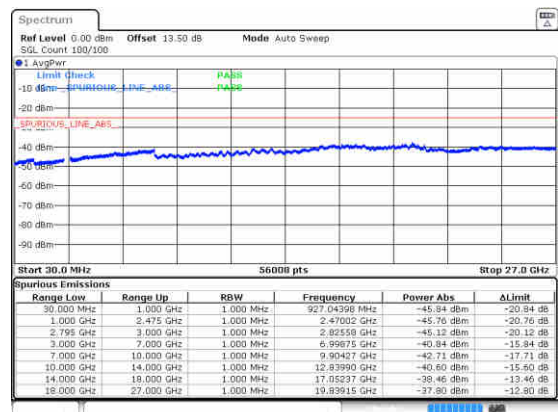
Middle Channel / 64QAM



Highest Channel / 16QAM



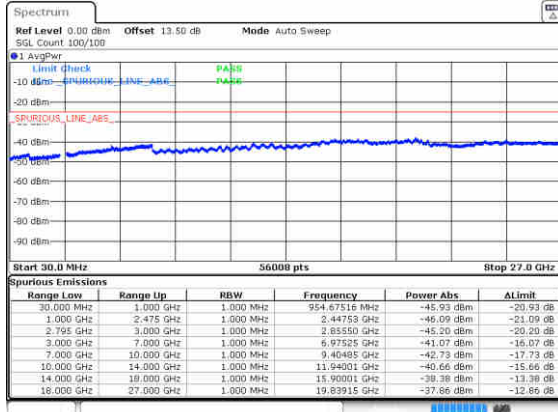
Highest Channel / 64QAM



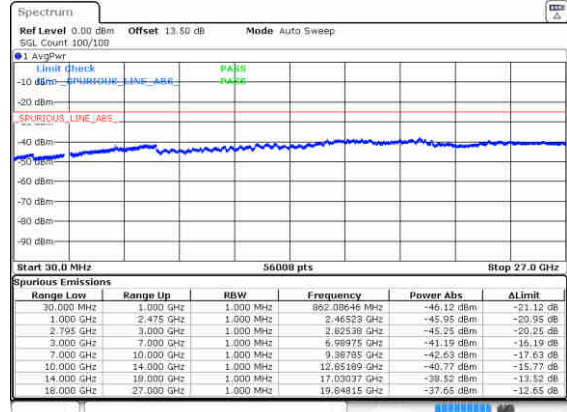


NR 60MHz

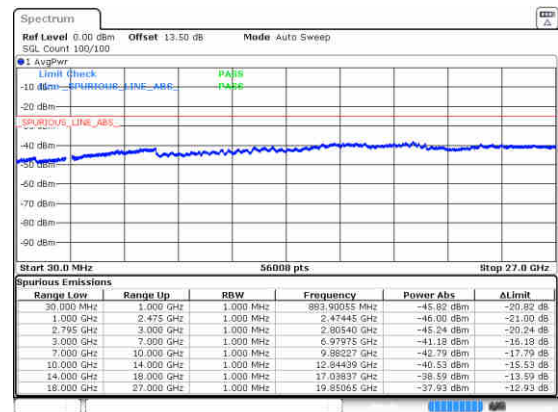
Lowest Channel / BPSK



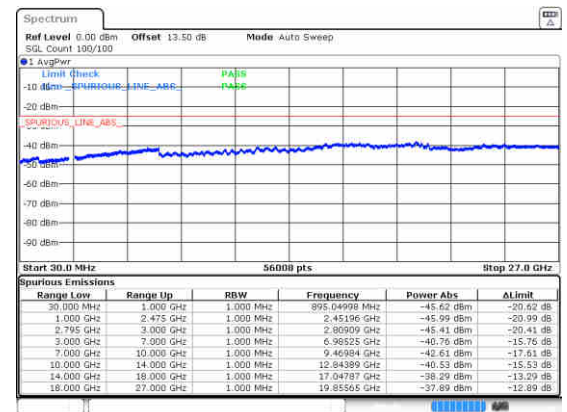
Lowest Channel / QPSK



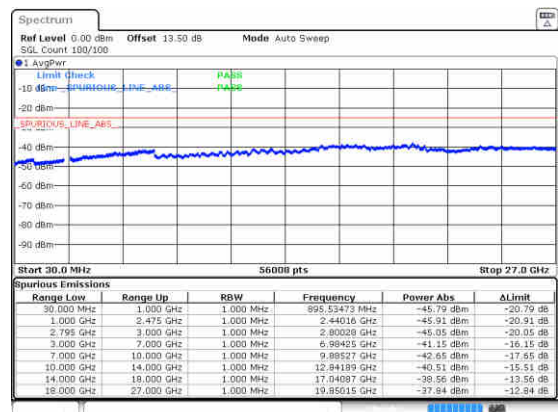
Middle Channel / BPSK



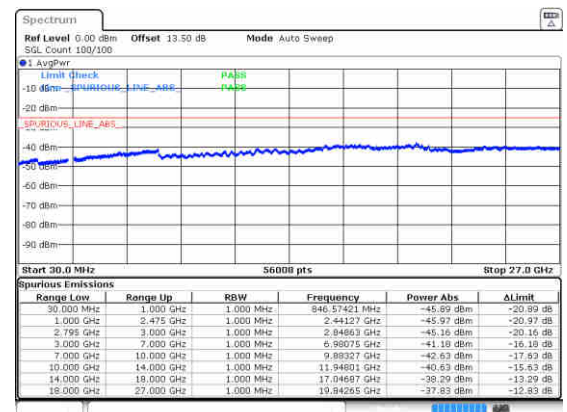
Middle Channel / QPSK



Highest Channel / BPSK



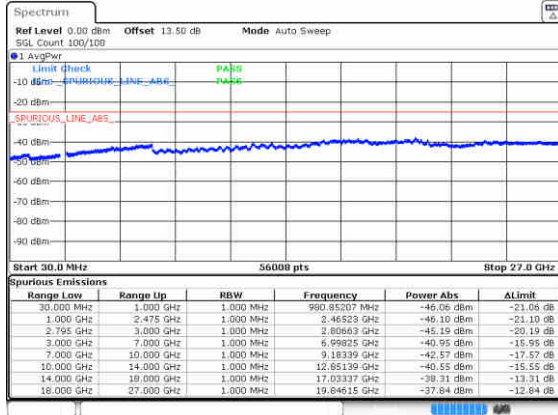
Highest Channel / QPSK



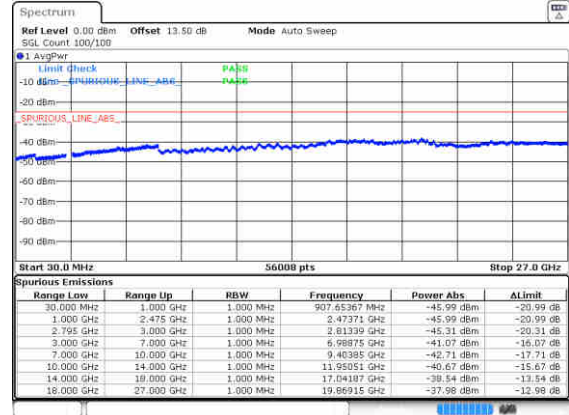


NR 60MHz

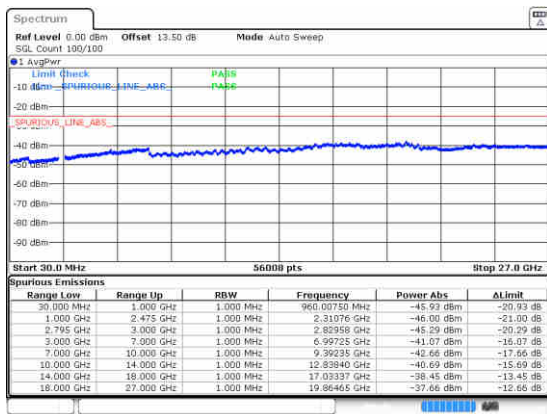
Lowest Channel / 16QAM



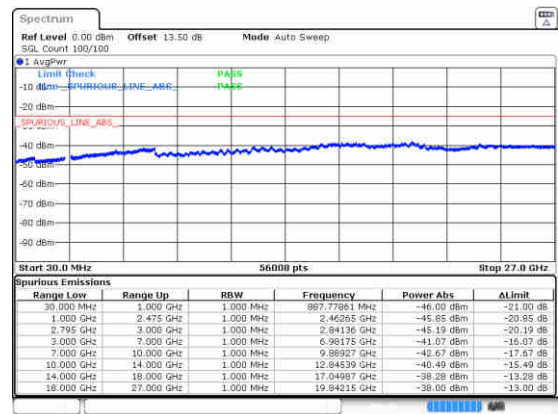
Lowest Channel / 64QAM



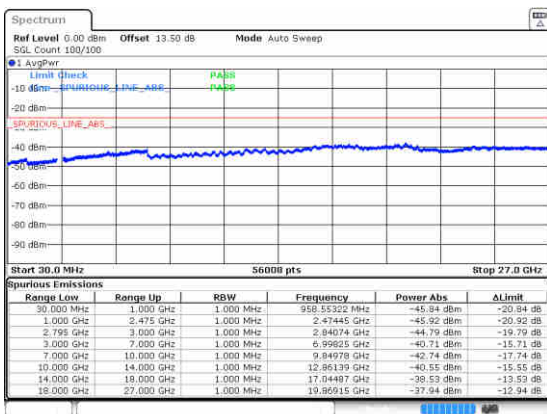
Middle Channel / 16QAM



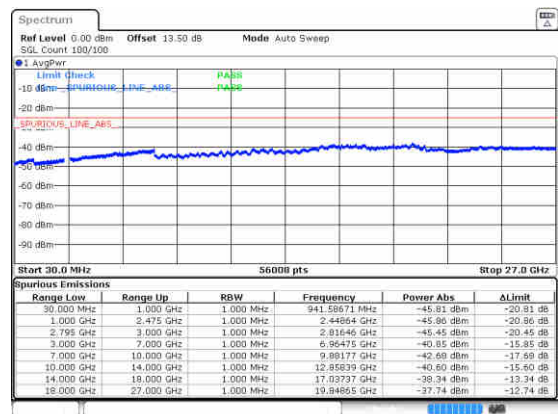
Middle Channel / 64QAM



Highest Channel / 16QAM



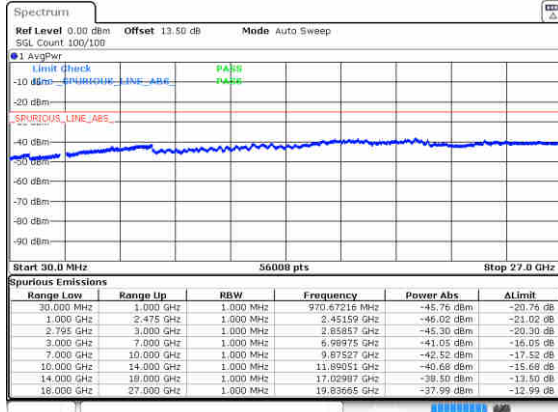
Highest Channel / 64QAM



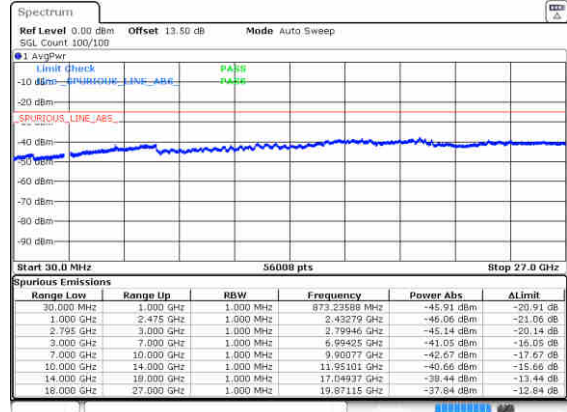


NR 80MHz

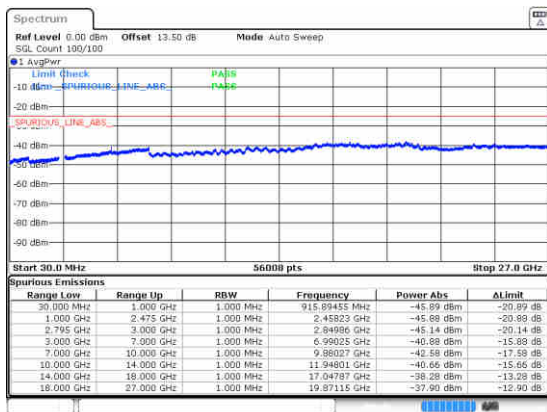
Lowest Channel / BPSK



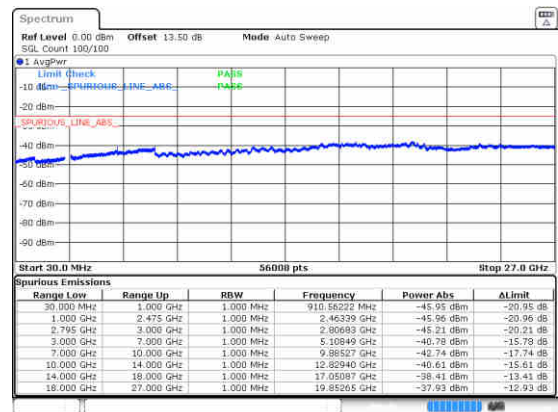
Lowest Channel / QPSK



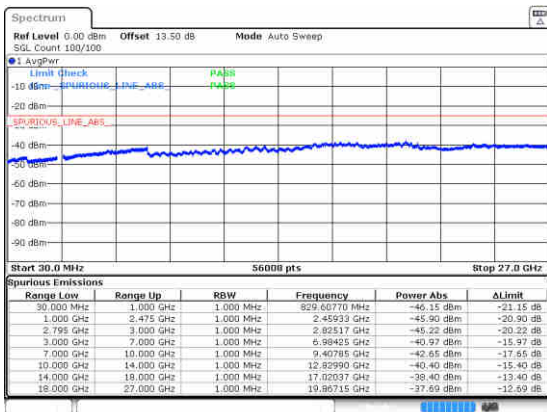
Middle Channel / BPSK



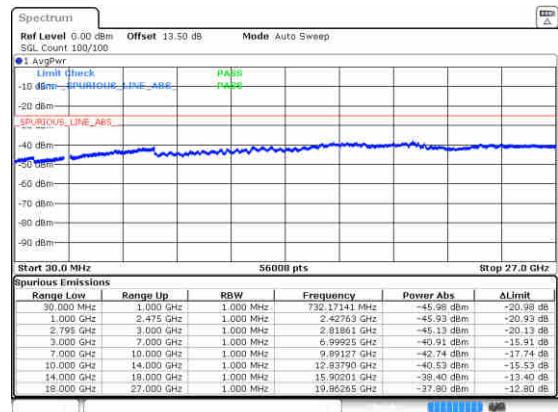
Middle Channel / QPSK



Highest Channel / BPSK



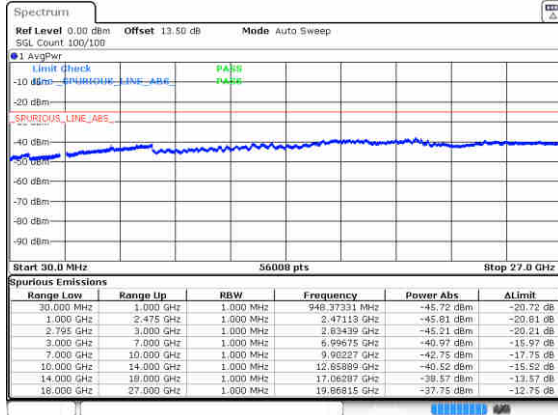
Highest Channel / QPSK



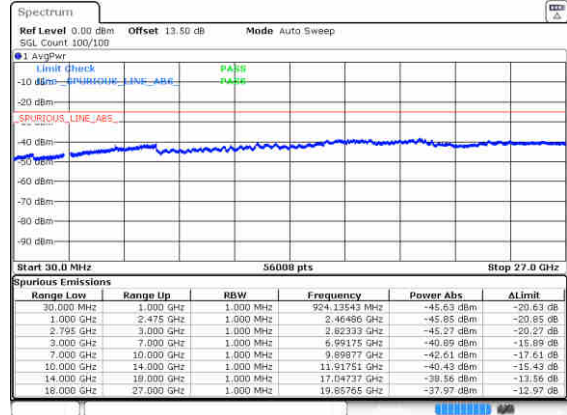


NR 80MHz

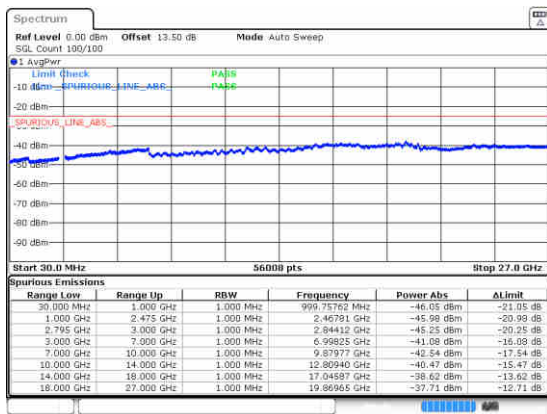
Lowest Channel / 16QAM



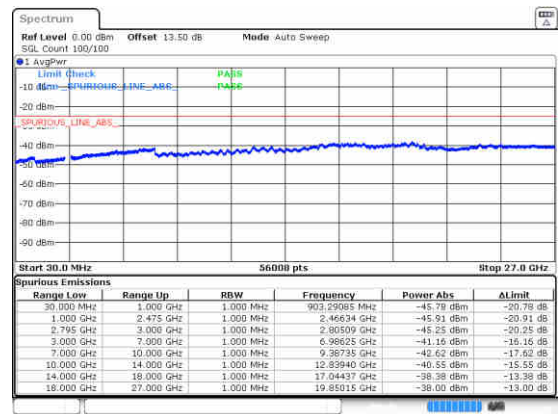
Lowest Channel / 64QAM



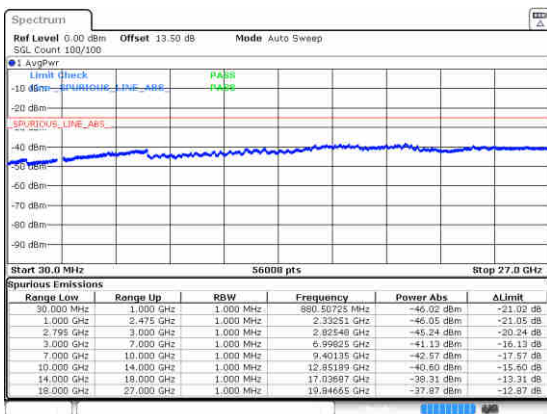
Middle Channel / 16QAM



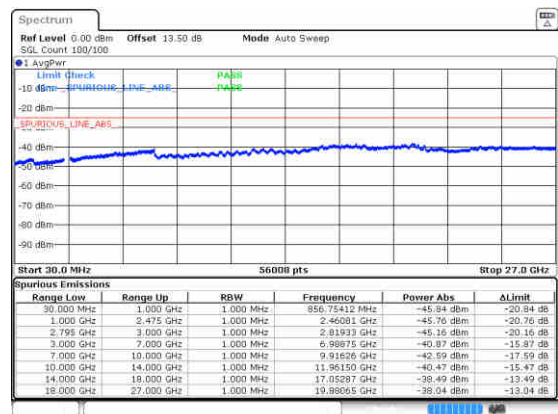
Middle Channel / 64QAM



Highest Channel / 16QAM

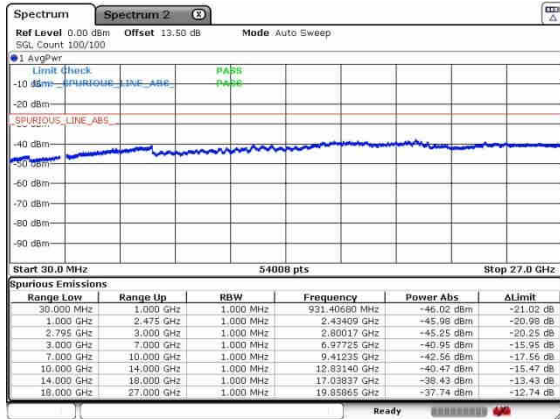


Highest Channel / 64QAM



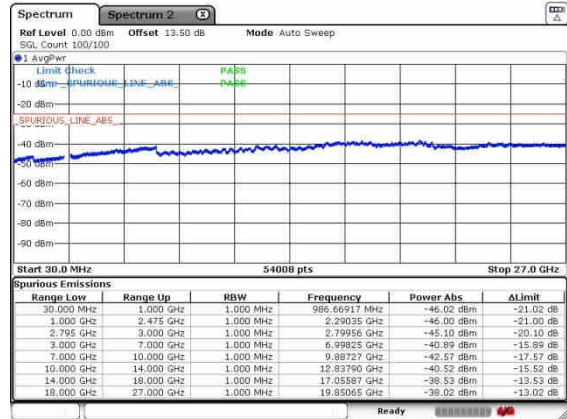
NR 90MHz

Lowest Channel / BPSK



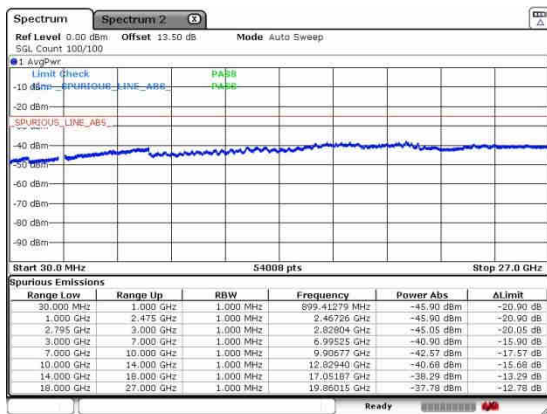
Date: 21.11.2020 07:23:54

Lowest Channel / QPSK



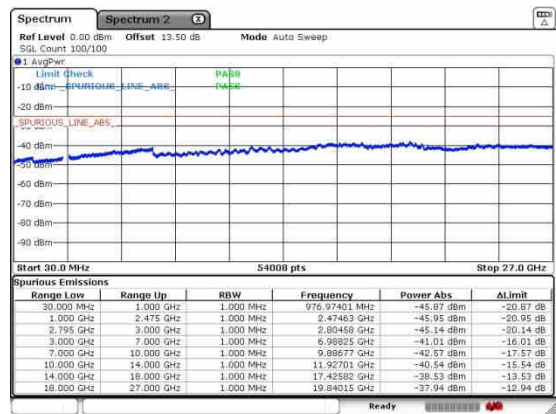
Date: 22.11.2020 07:24:56

Middle Channel / BPSK



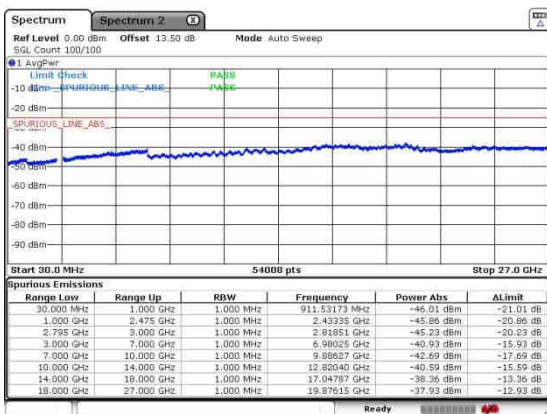
Read

Middle Channel / QPSK



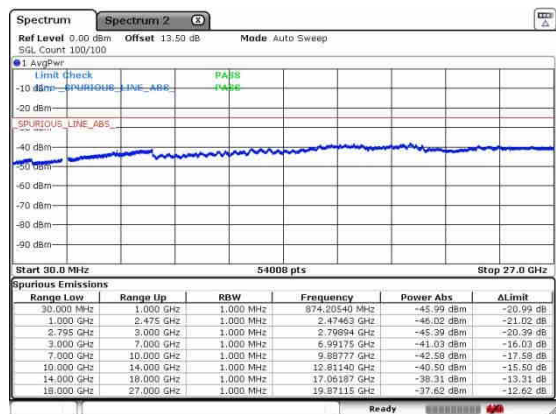
Read

Highest Channel / BPSK



Read

Highest Channel / QPSK

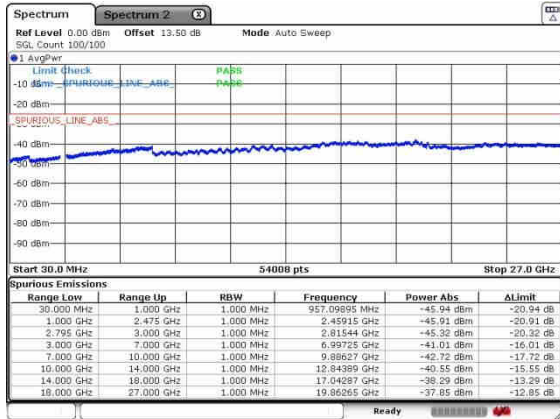


Rea

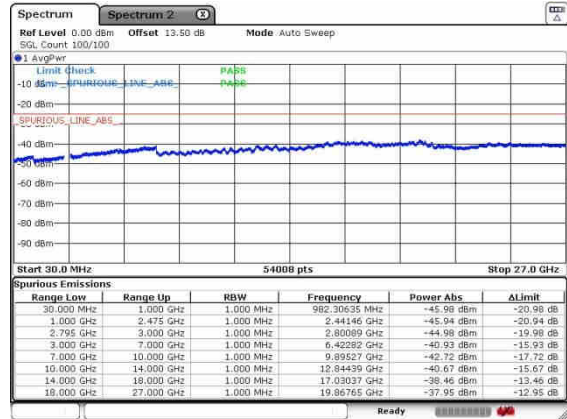


NR 90MHz

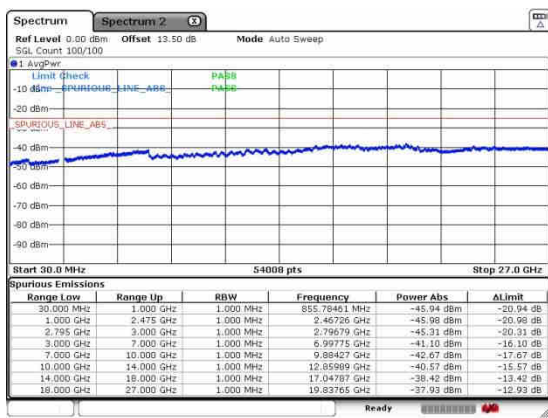
Lowest Channel / 16QAM



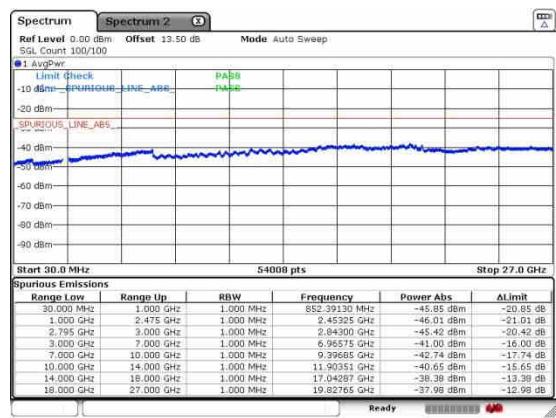
Lowest Channel / 64QAM



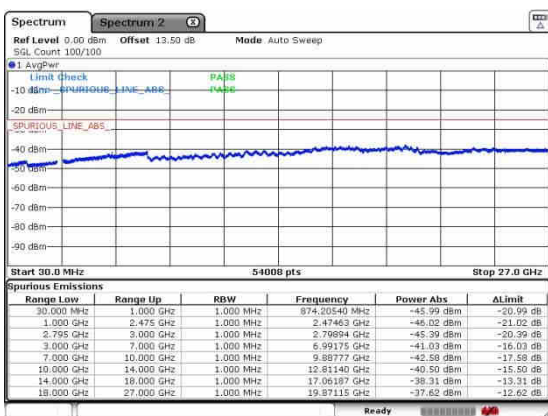
Middle Channel / 16QAM



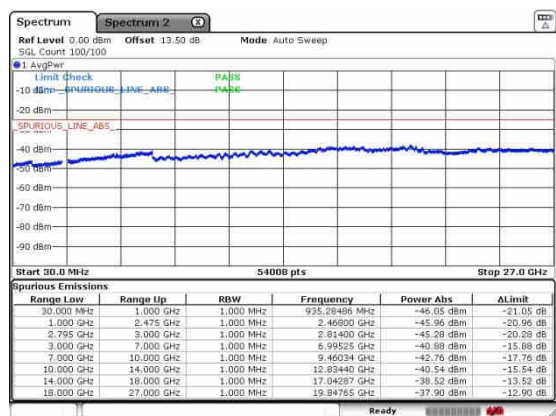
Middle Channel / 64QAM



Highest Channel / 16QAM



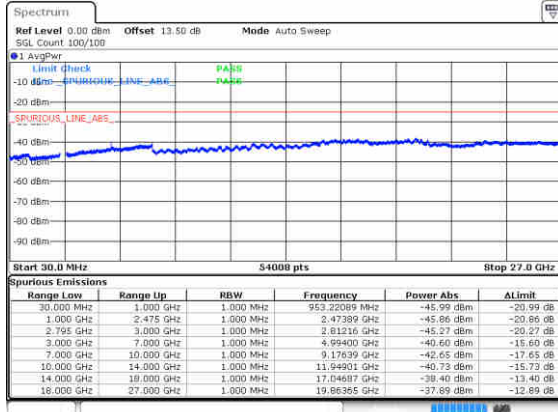
Highest Channel / 64QAM





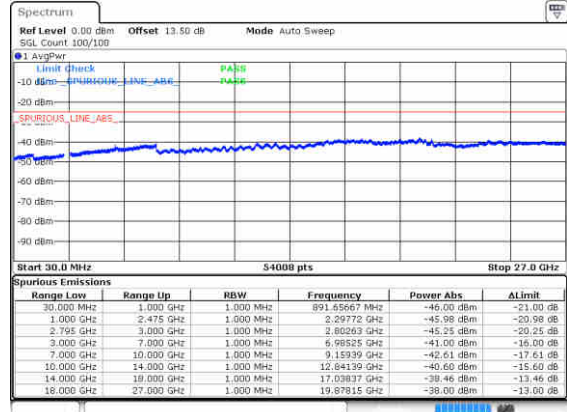
NR 100MHz

Lowest Channel / BPSK



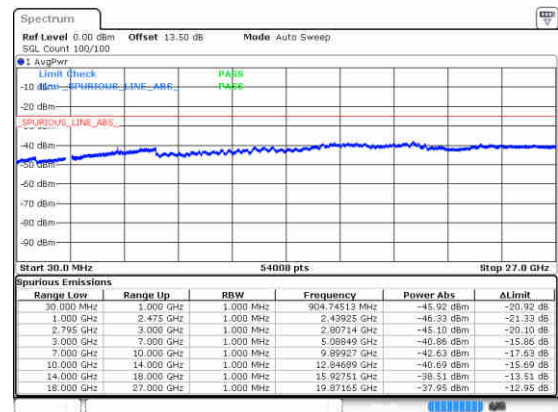
Date: 20_08_2020_09:33:04

Lowest Channel / QPSK



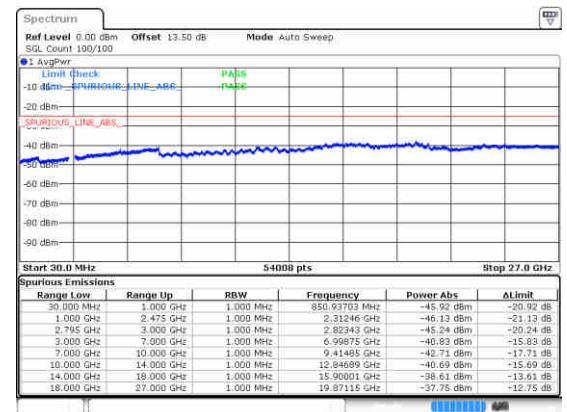
Date: 20_08_2020_09:33:63

Middle Channel / BPSK



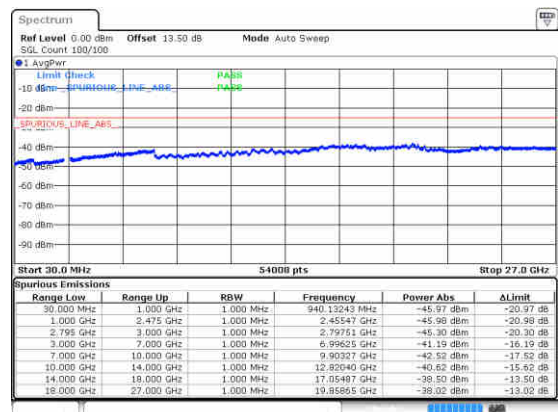
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Middle Channel / QPSK



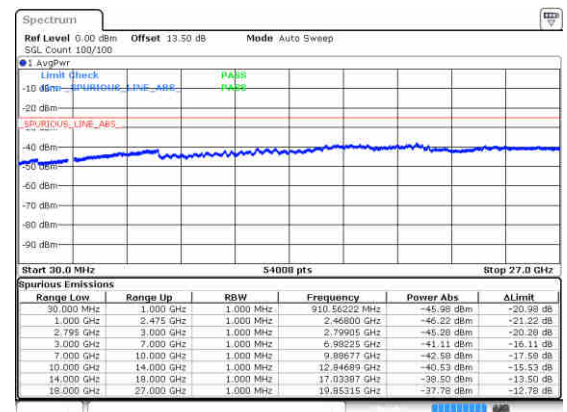
Date: 20_08_2020_09:33:63

Highest Channel / BPSK



Date: 20_08_2020_09:33:63

Highest Channel / QPSK

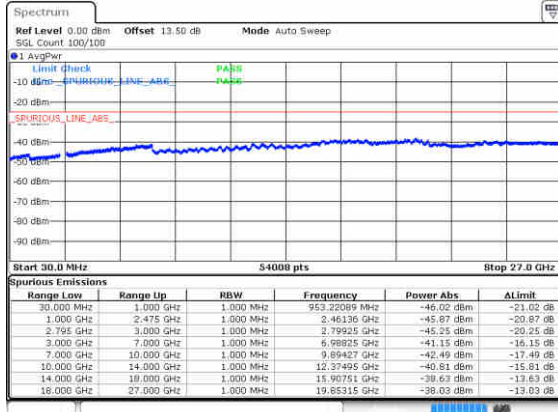


Date: 20_08_2020_09:33:63

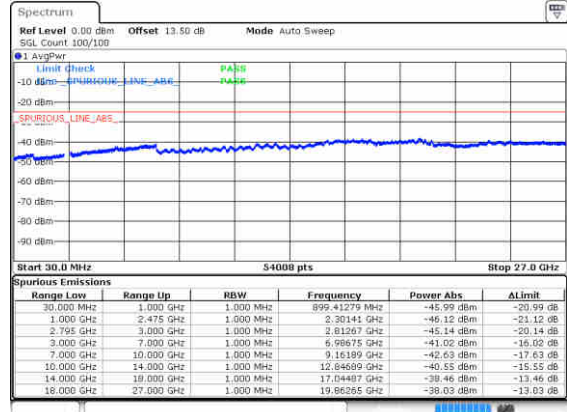


NR 100MHz

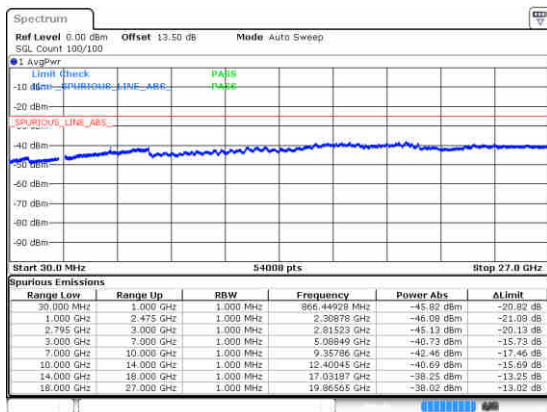
Lowest Channel / 16QAM



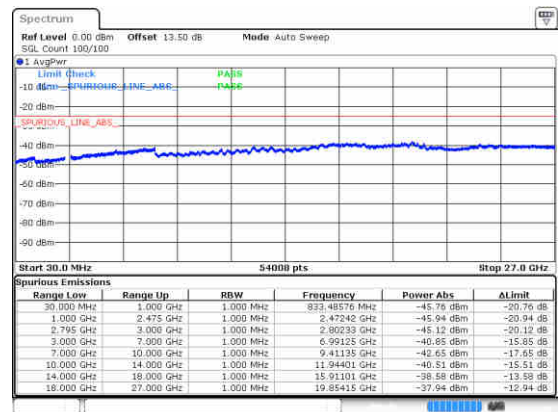
Lowest Channel / 64QAM



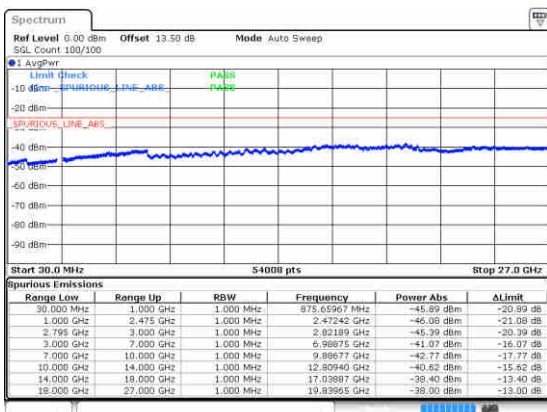
Middle Channel / 16QAM



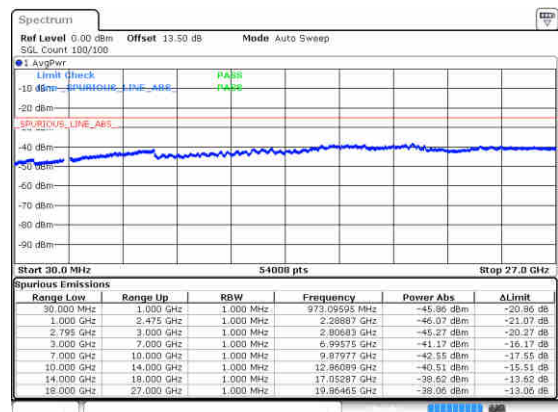
Middle Channel / 64QAM



Highest Channel / 16QAM



Highest Channel / 64QAM



**Frequency Stability**

Test Conditions		n41A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0011	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

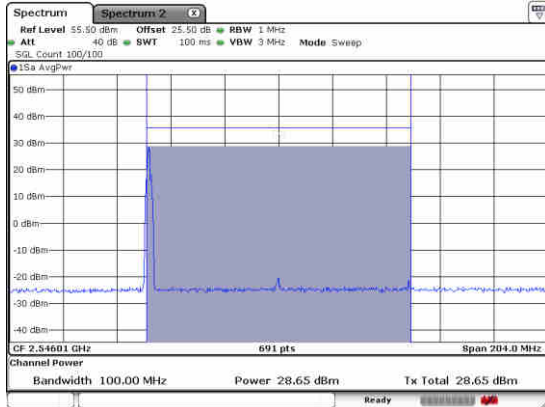
**EN-DC_41A_n41****Peak-to-Average Ratio**

Mode	N 41 / 100MHz				
Mod.	BPSK		QPSK		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.1	6.62	5.75	6.16	PASS
Middle CH	5.22	6.52	4.71	6.43	
Highest CH	7.43	6.76	6.8	6.5	
Mode	N41 / 100MHz				
Mod.	16QAM		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.63	6.23	5.22	6.87	PASS
Middle CH	5.82	6.89	5.41	6.44	
Highest CH	6.62	6.7	5.67	5.92	

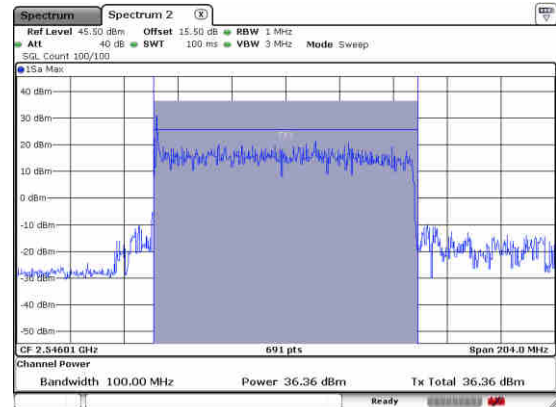
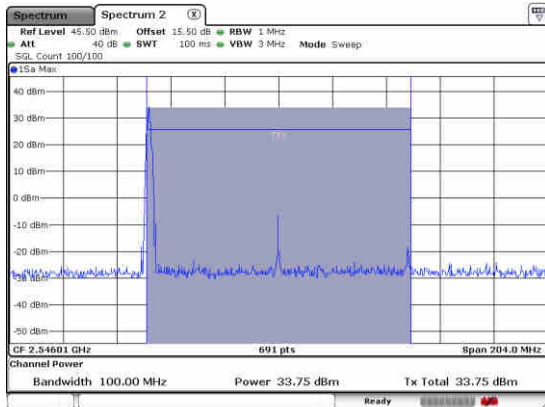
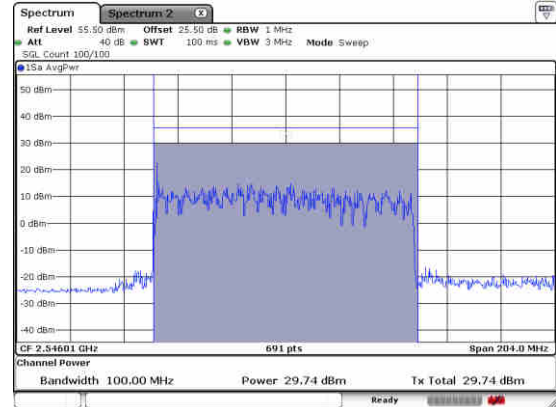


NR 41-CCDF

L 1RB0 BPSK

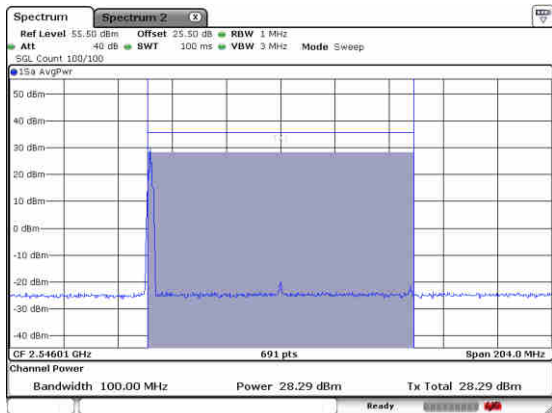


L FULLRB BPSK

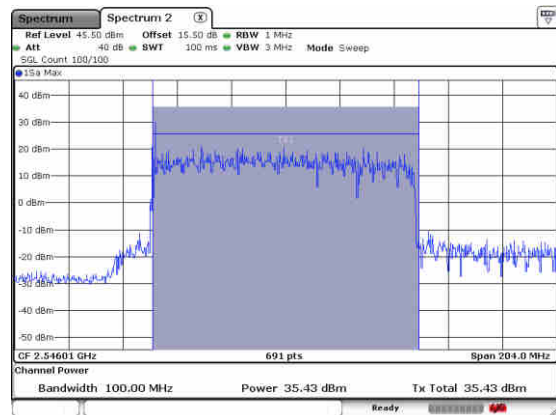
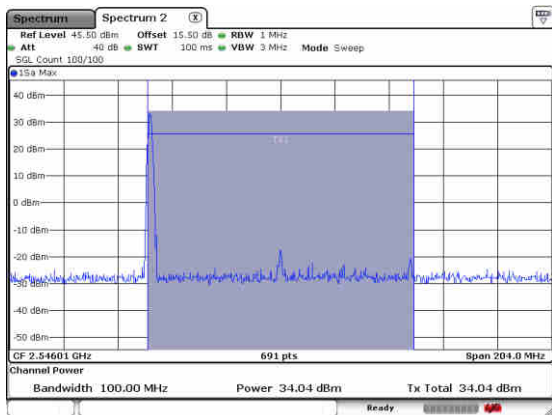
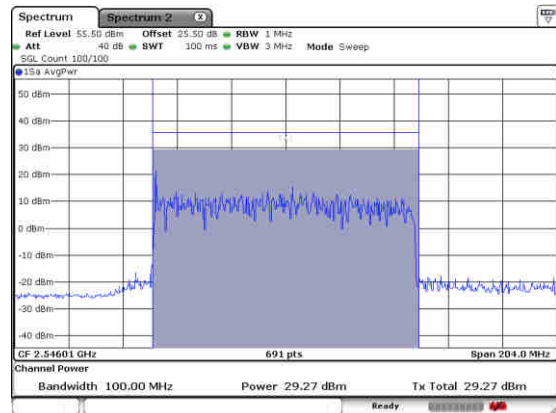




L 1RB0 QPSK

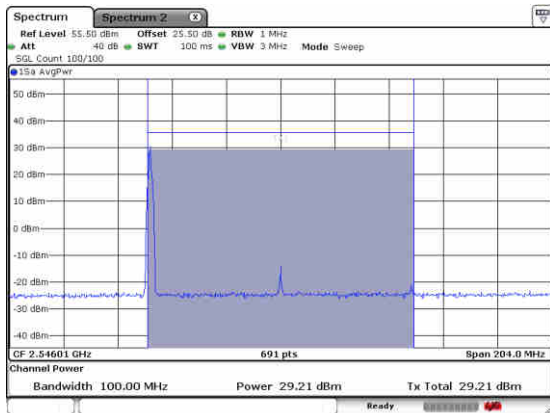


L FULLRB QPSK

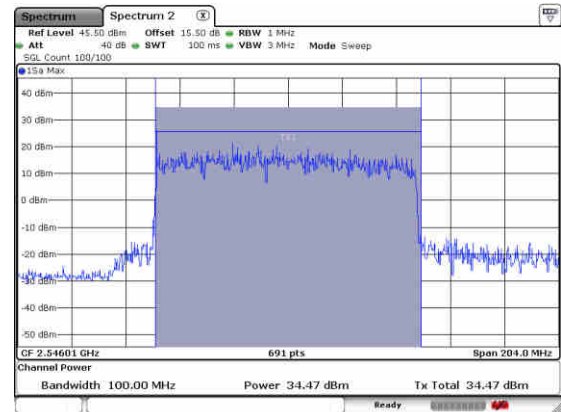
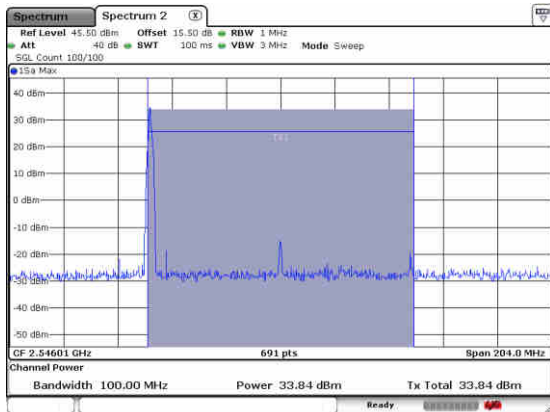
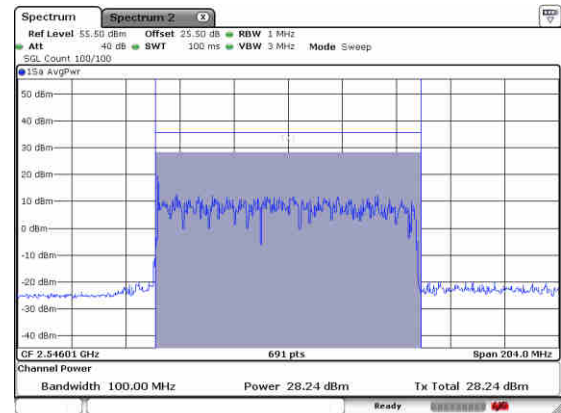




L 1RB0 16QAM

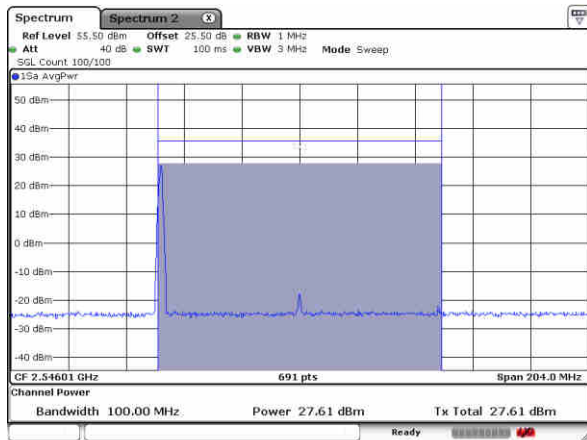


L FULLRB 16QAM



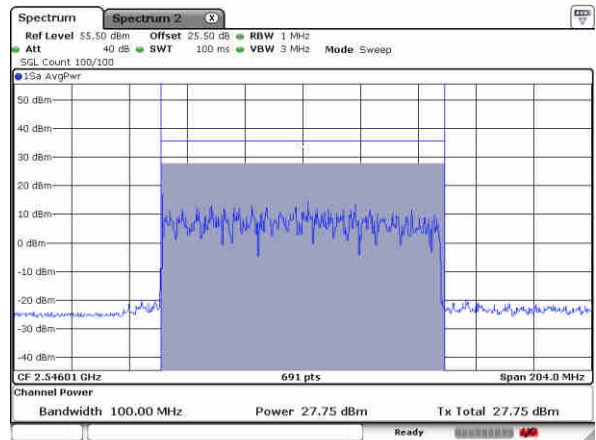


L 1RB0 64QAM

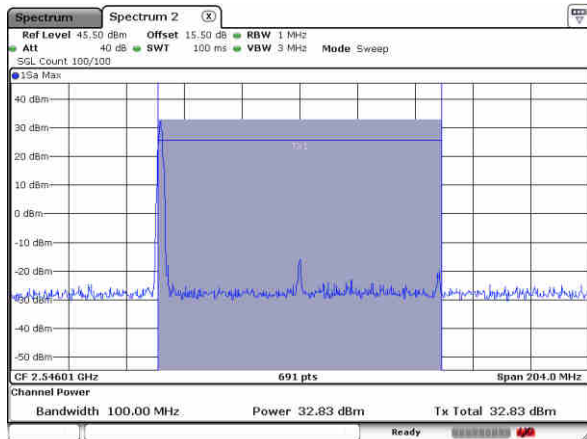


Date: 28 JUL 2020 23:38:18

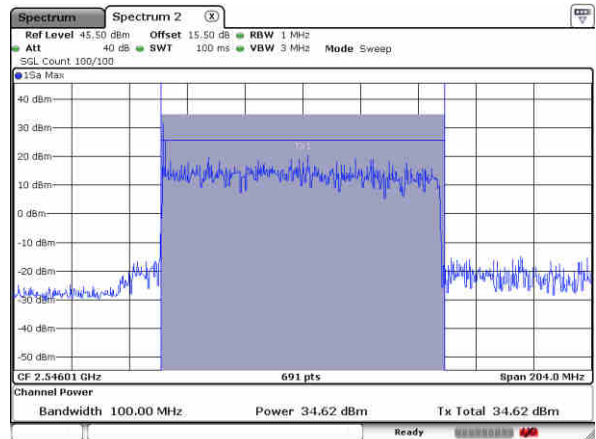
L FULLRB 64QAM



Date: 28 JUL 2020 23:39:24



Date: 28 JUL 2020 23:38:59



Date: 28 JUL 2020 23:40:08

