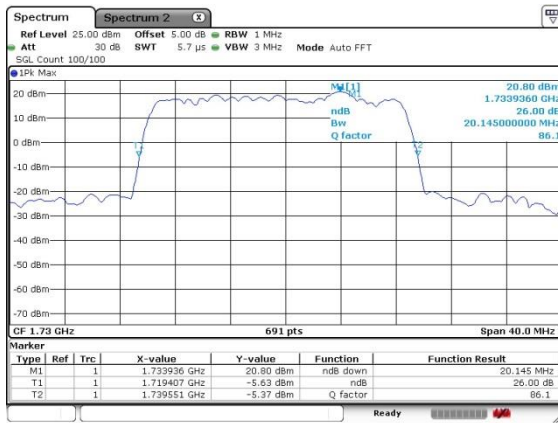




n66

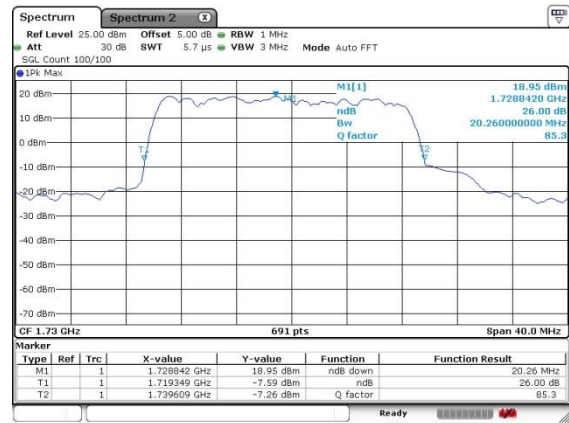
20MHz

Lowest Channel / BPSK



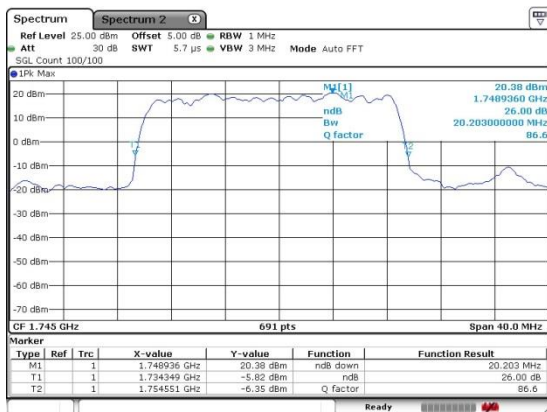
Date: 24 MAY 2020, 23:33:54

Lowest Channel / 16QAM

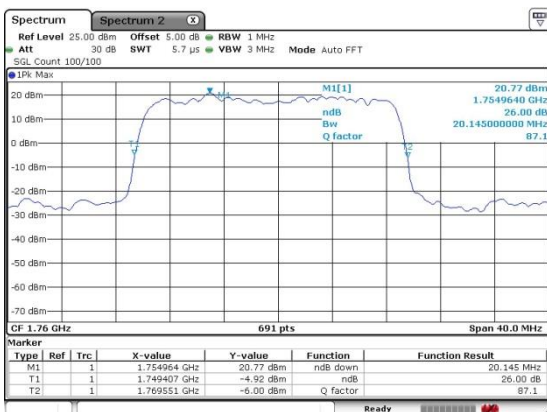


Date: 24 MAY 2020, 23:33:57

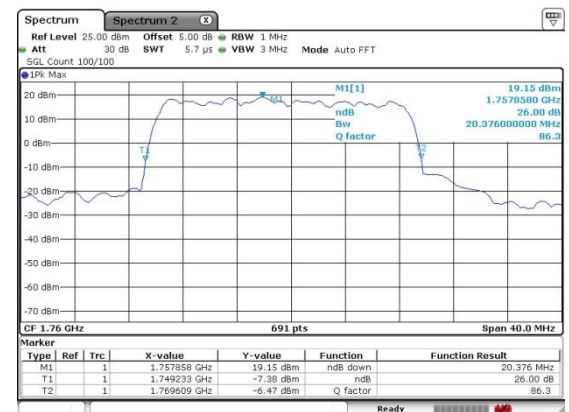
Middle Channel / BPSK



Highest Channel / BPSK



Highest Channel / 16QAM



A5.3. Occupied Bandwidth

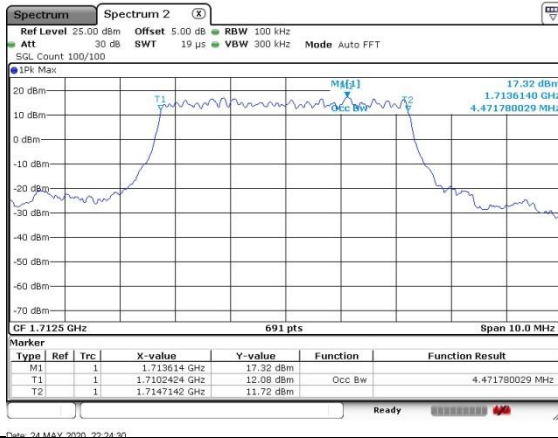
Mode	n66 : OB BW(MHz)					
BW	5MHz		10MHz		20MHz	
Mod.	BPSK	16QAM	BPSK	16QAM	BPSK	16QAM
Lowest CH	4.47	4.52	8.95	9.01	18.52	18.52
Middle CH	4.54	4.49	8.99	9.01	18.47	18.35
Highest CH	4.53	4.50	8.97	9.01	18.41	18.23



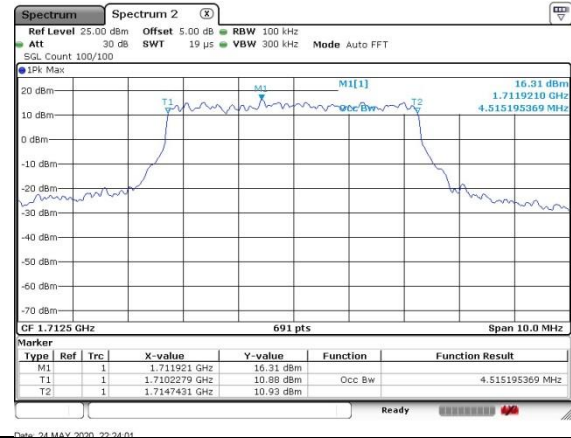
n66

5MHz

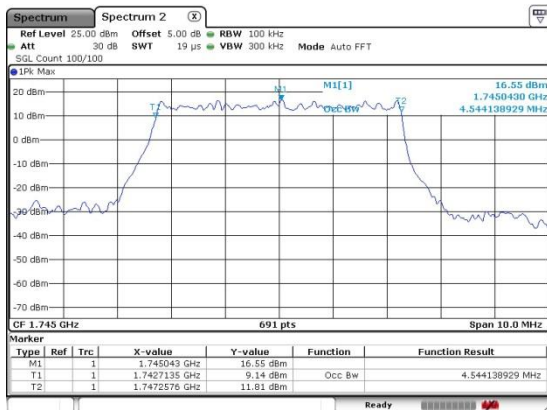
Lowest Channel / BPSK



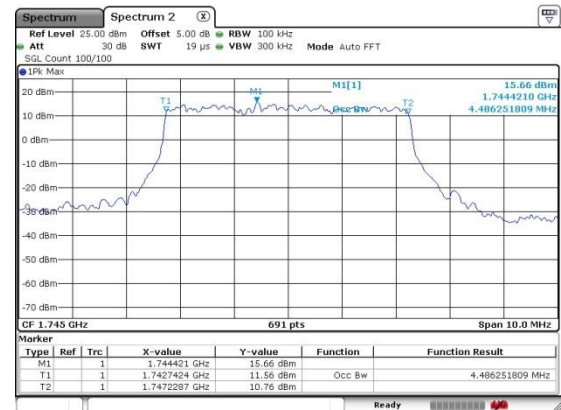
Lowest Channel / 16QAM



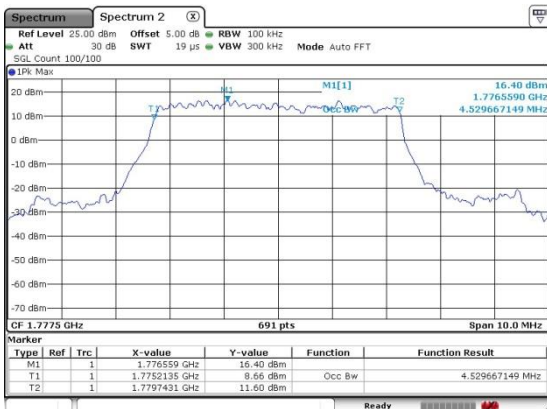
Middle Channel / BPSK



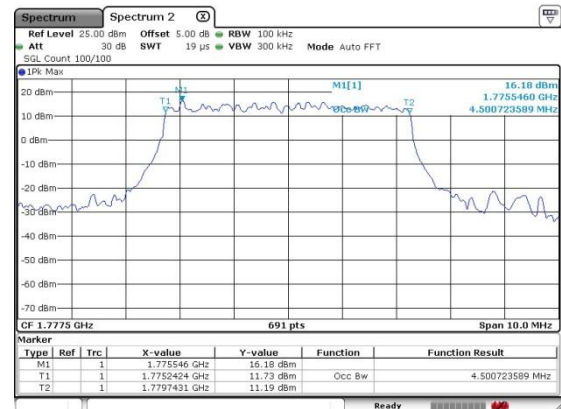
Middle Channel / 16QAM



Highest Channel / BPSK



Highest Channel / 16QAM

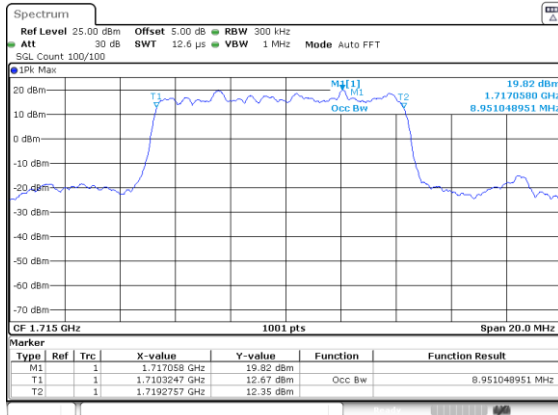




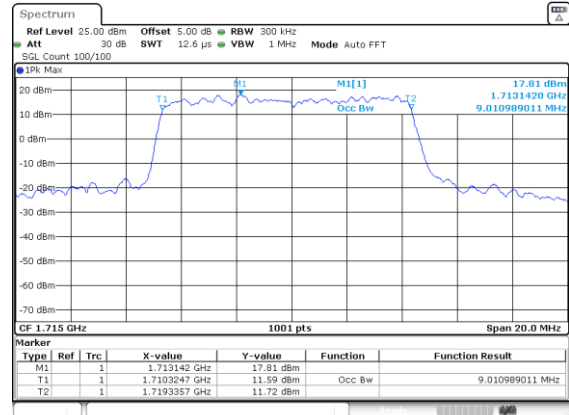
n66

10MHz

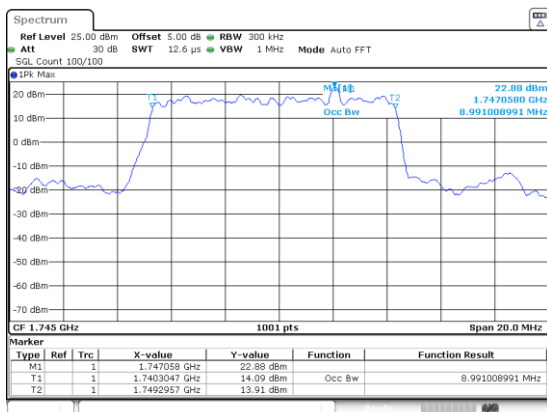
Lowest Channel / BPSK



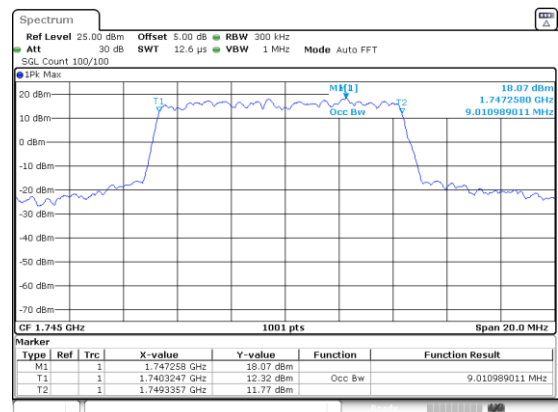
Lowest Channel / 16QAM



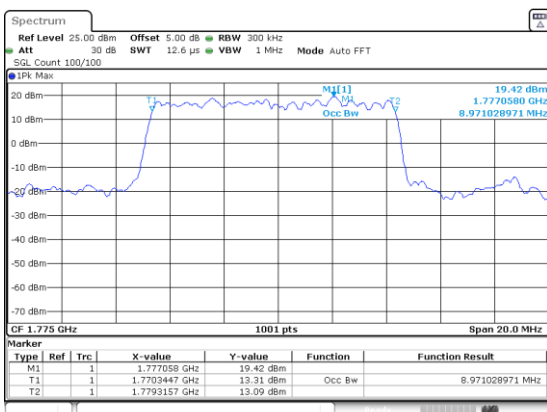
Middle Channel / BPSK



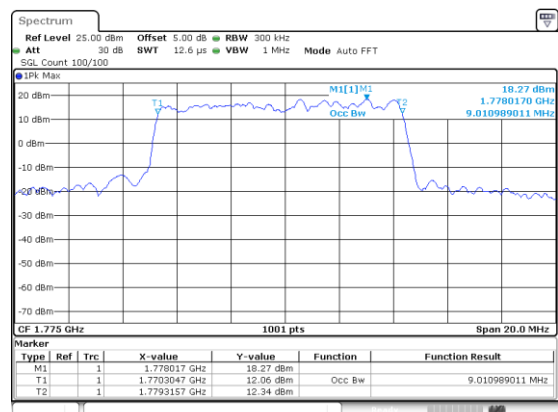
Middle Channel / 16QAM



Highest Channel / BPSK



Highest Channel / 16QAM

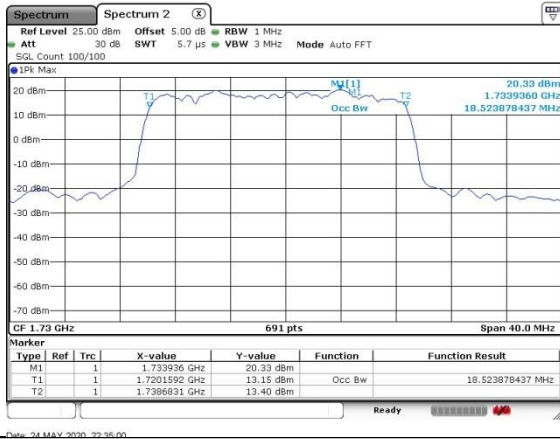




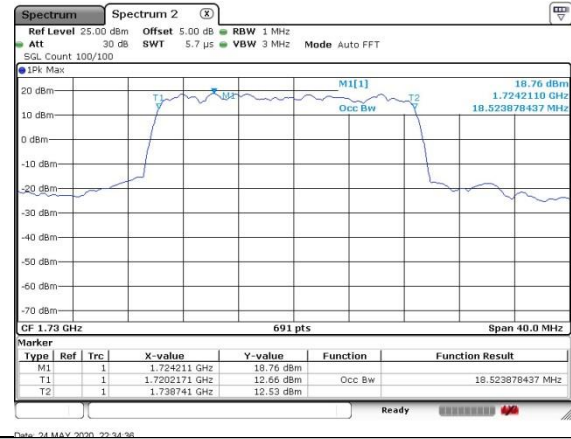
n66

20MHz

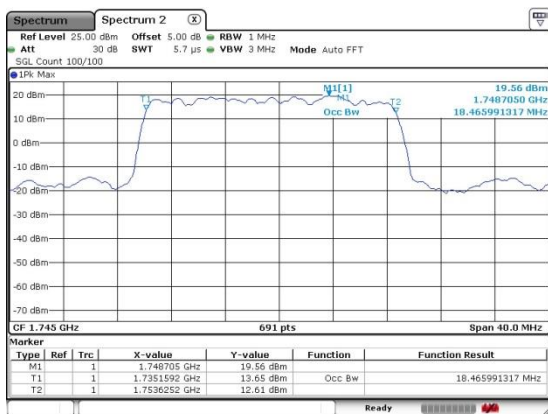
Lowest Channel / BPSK



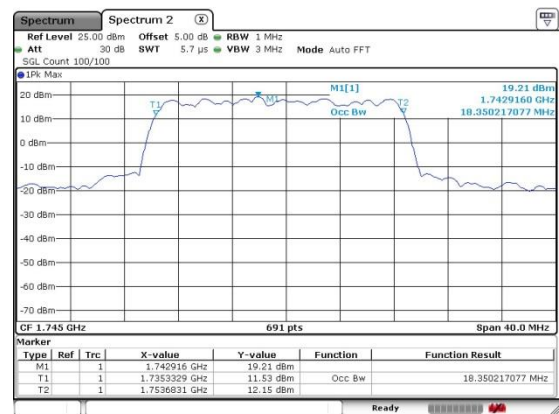
Lowest Channel / 16QAM



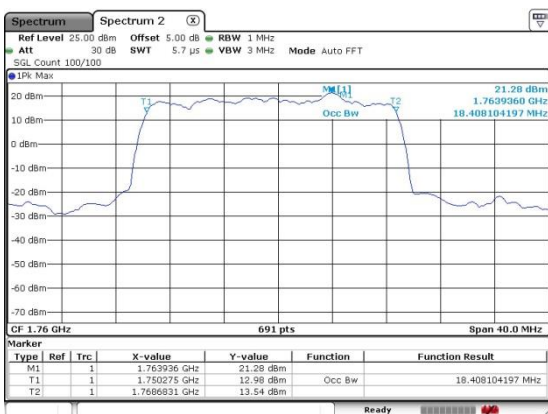
Middle Channel / BPSK



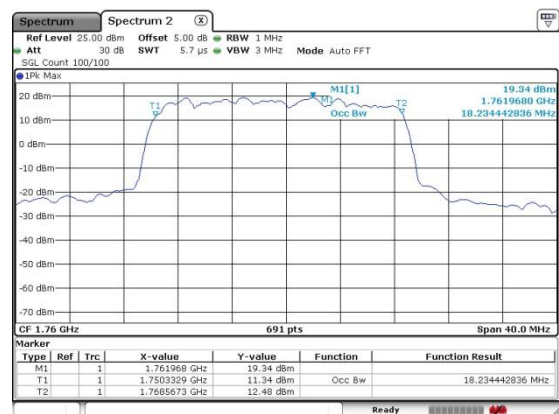
Middle Channel / 16QAM



Highest Channel / BPSK



Highest Channel / 16QAM

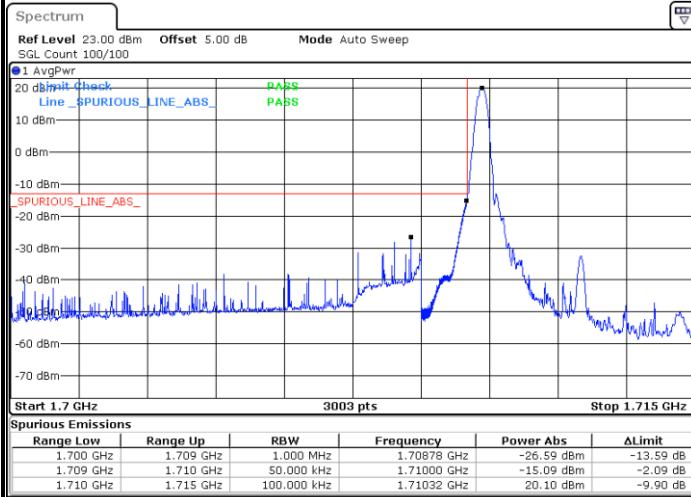




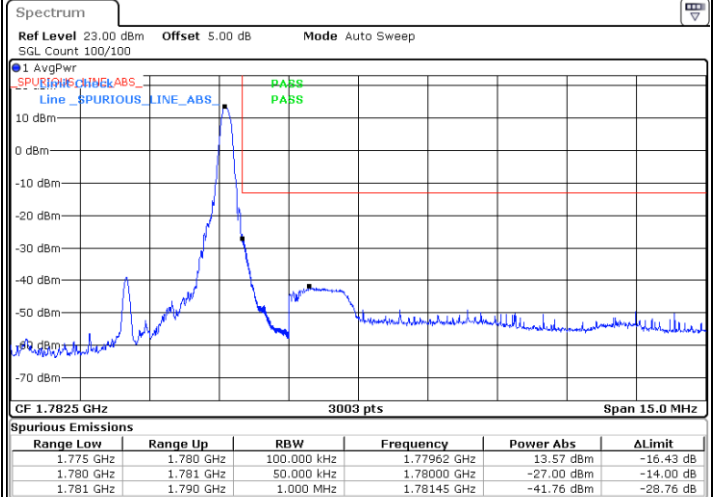
A5.4. Conducted Band Edge

n66 / 5MHz / BPSK

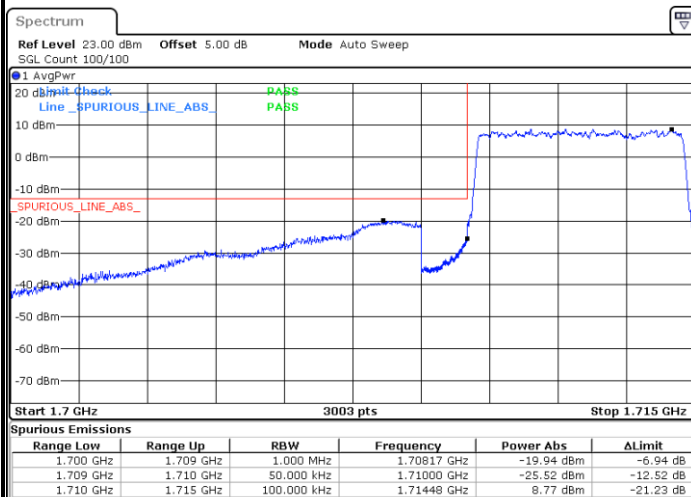
Lowest Band Edge / 1RB0



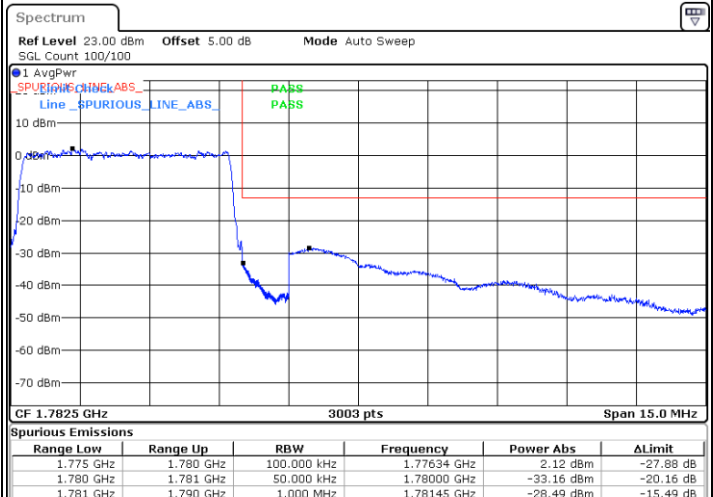
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



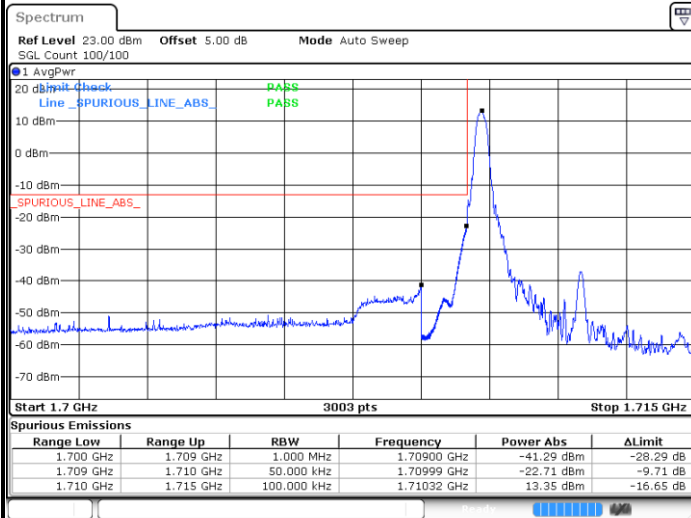
Highest Band Edge / 25RB0



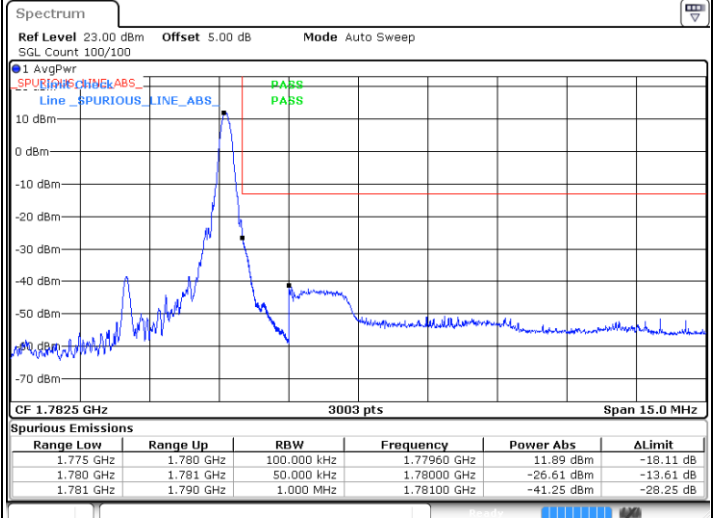


n66 / 5MHz / 16QAM

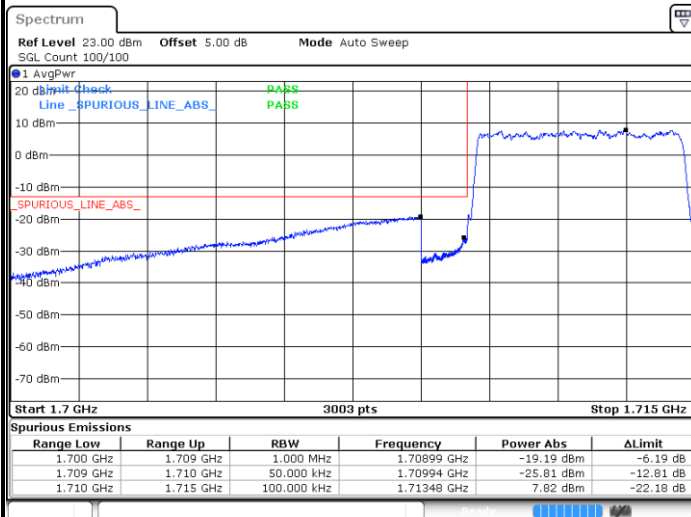
Lowest Band Edge / 1RB0



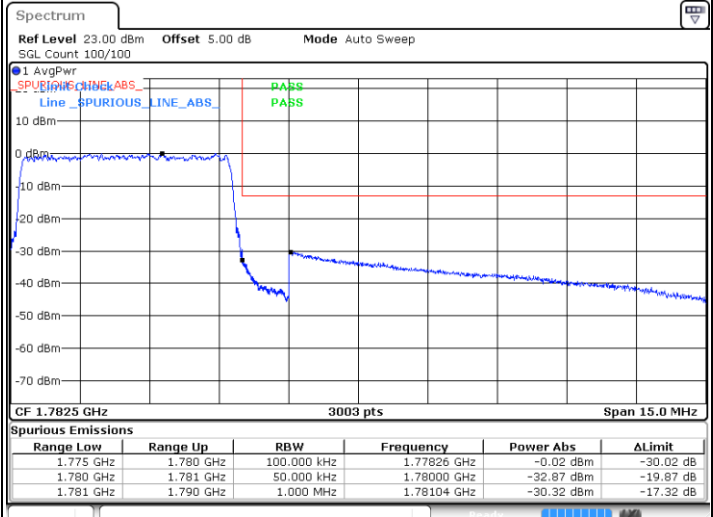
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



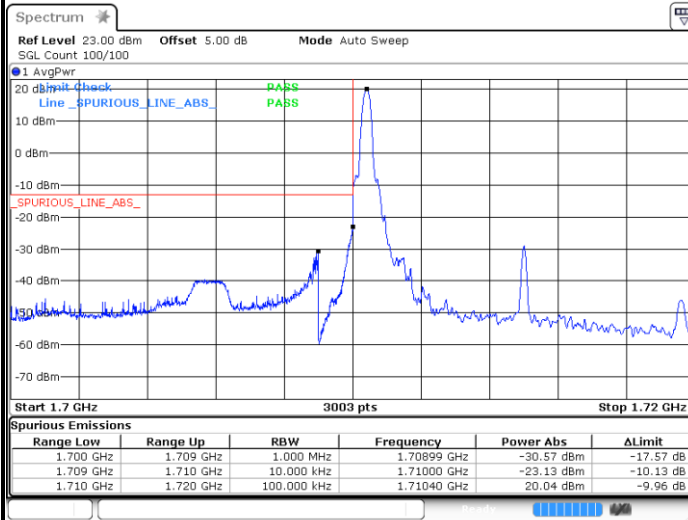
Highest Band Edge / 25RB0



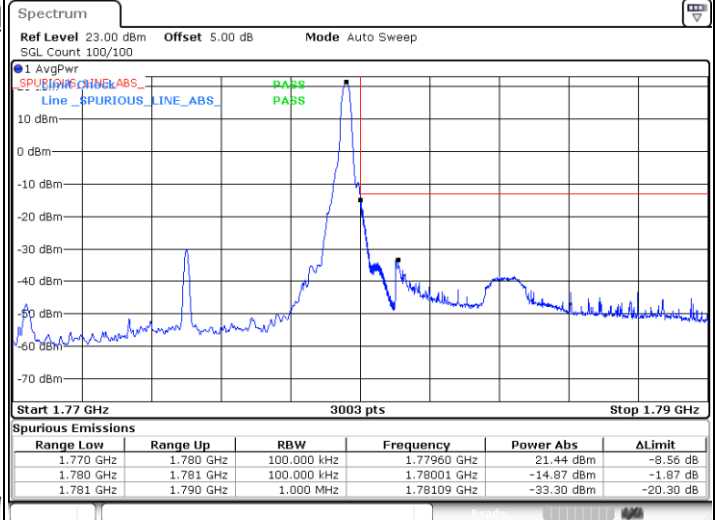


n66 / 10MHz / BPSK

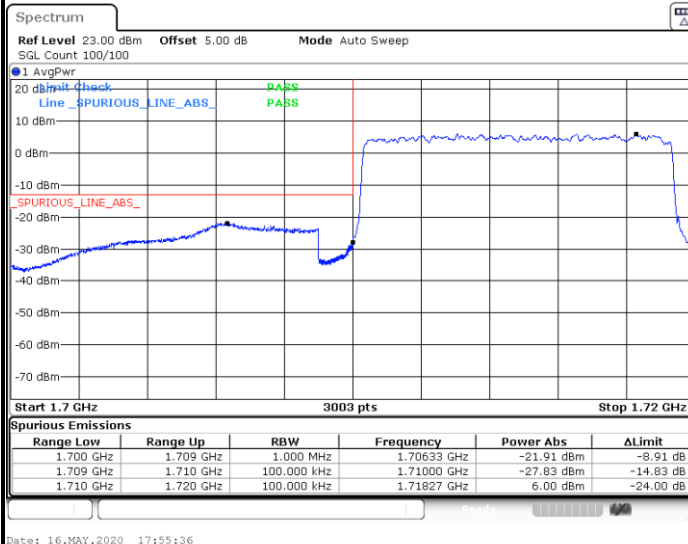
Lowest Band Edge / 1RB0



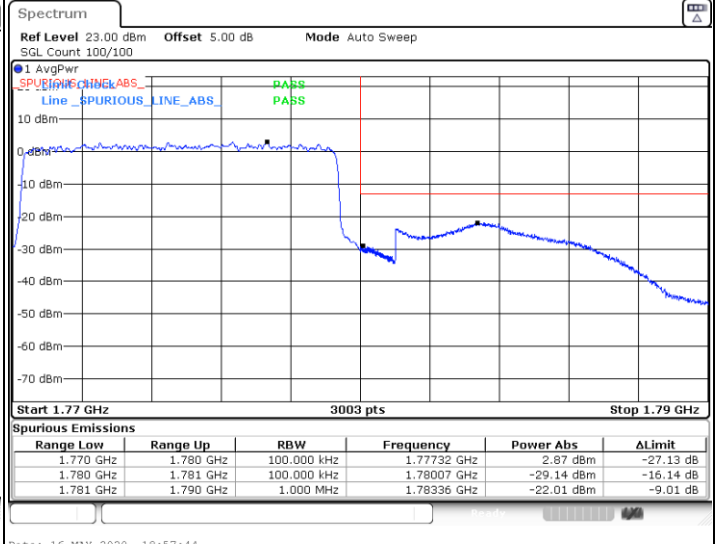
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



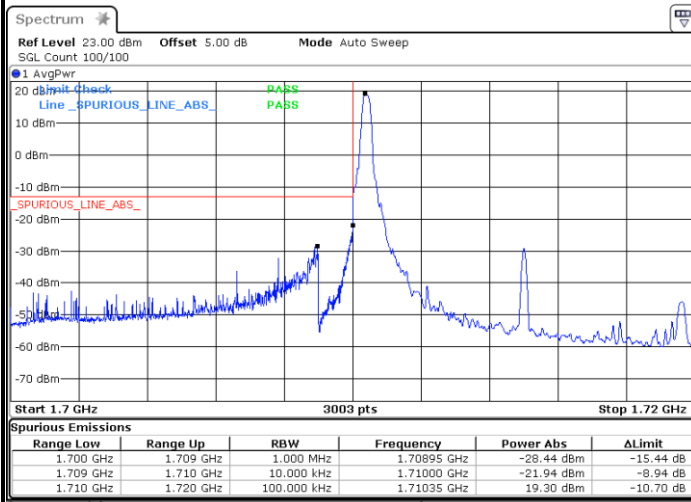
Highest Band Edge / 50RB0



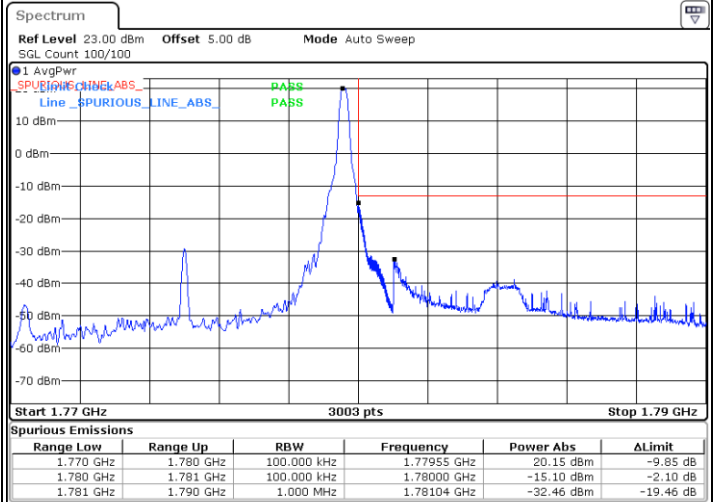


n66 / 10MHz / 16QAM

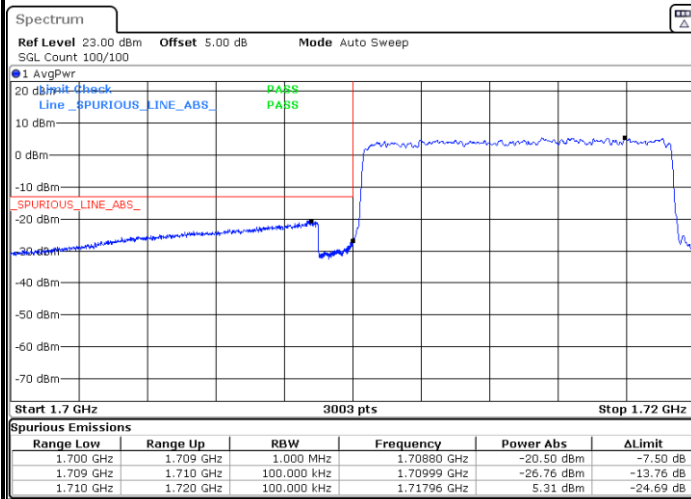
Lowest Band Edge / 1RB0



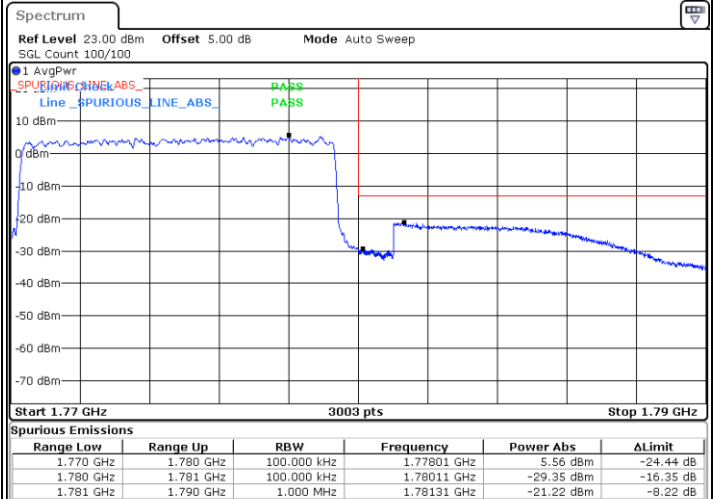
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



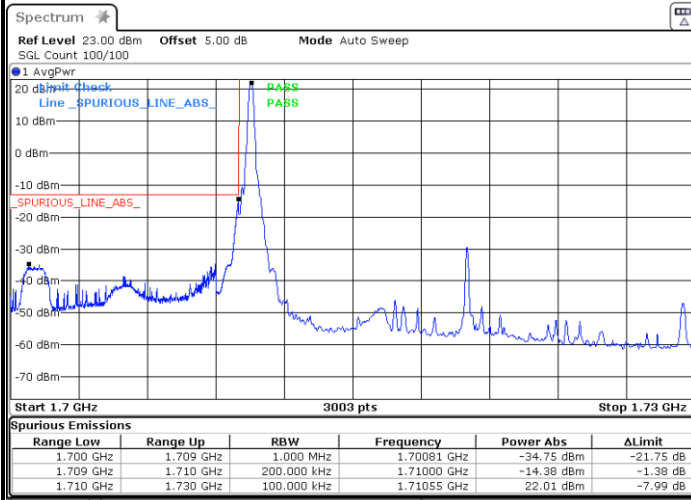
Highest Band Edge / 50RB0



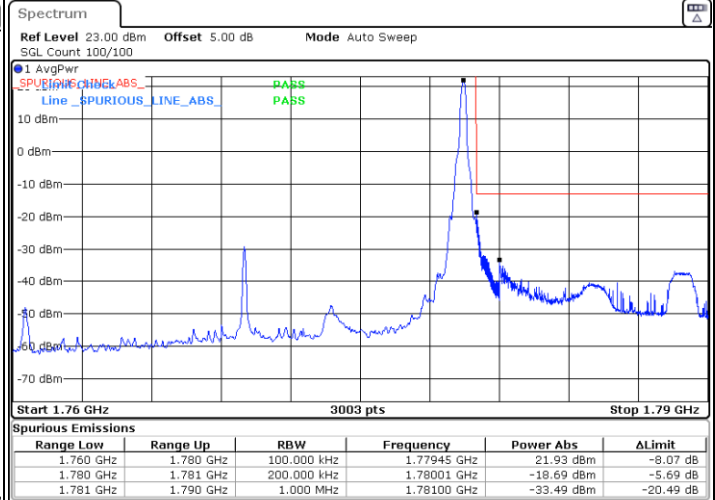


n66 / 20MHz / BPSK

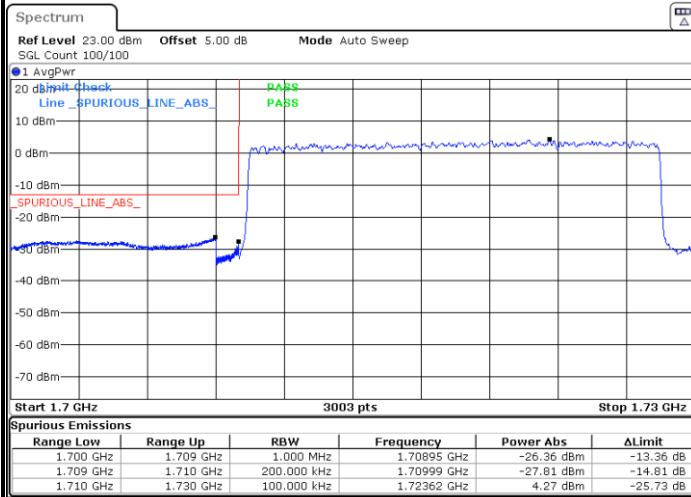
Lowest Band Edge / 1RB0



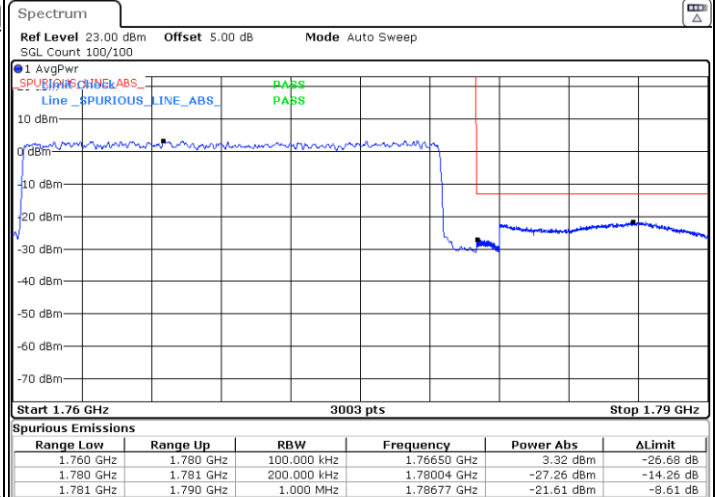
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



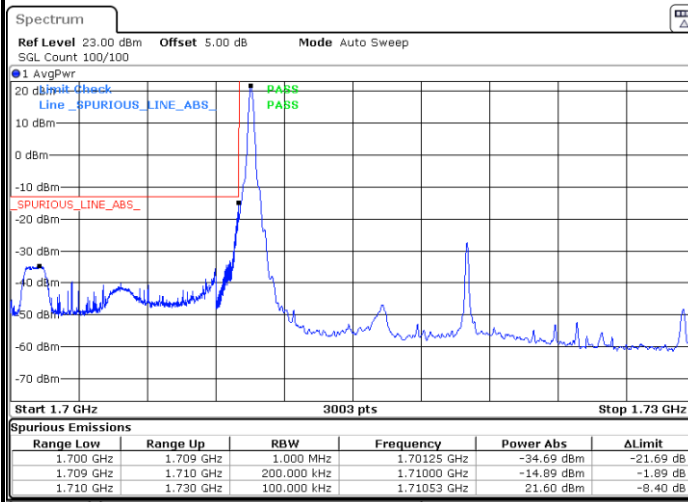
Highest Band Edge / 100RB0



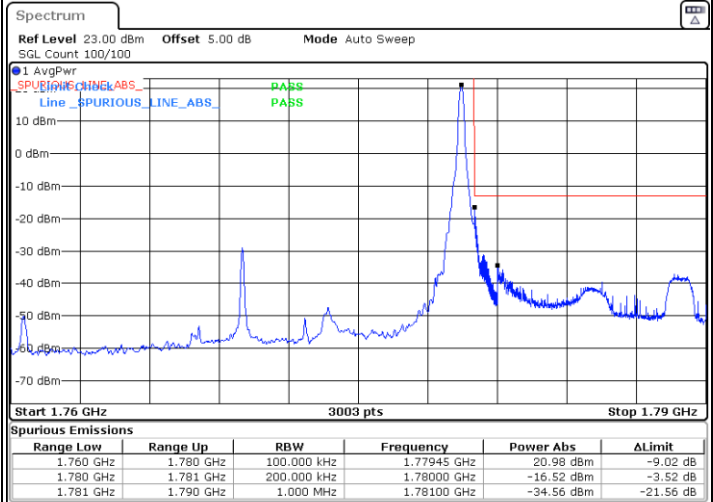


n66 / 20MHz / 16QAM

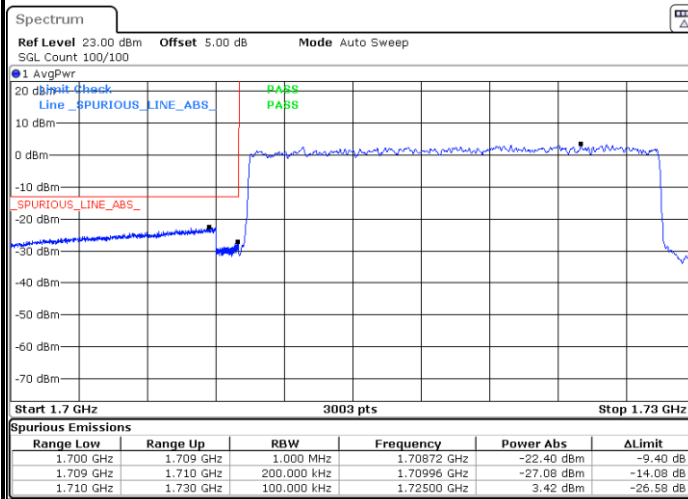
Lowest Band Edge / 1RB0



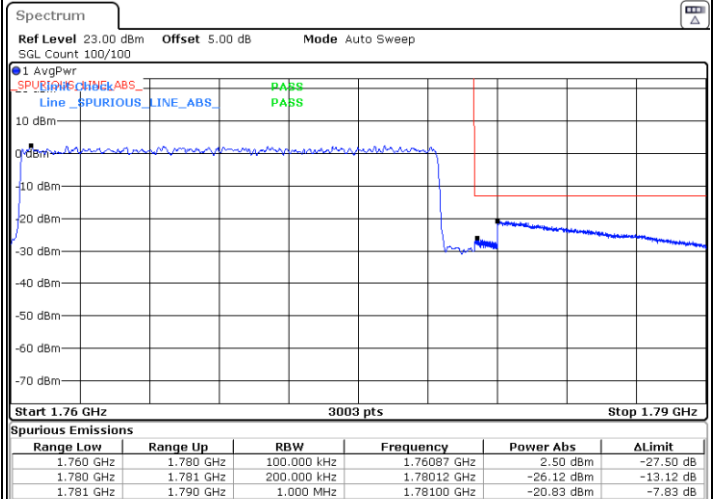
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



Highest Band Edge / 100RB0

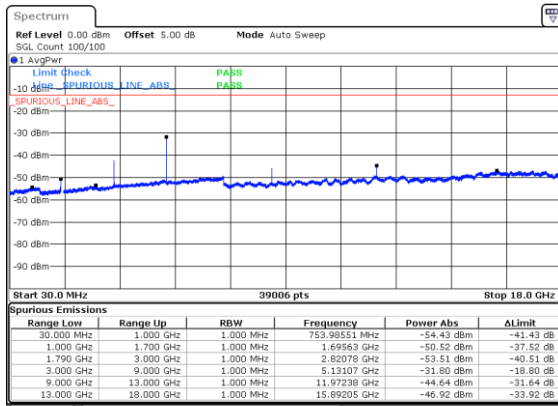




A5.5. Conducted Spurious Emission

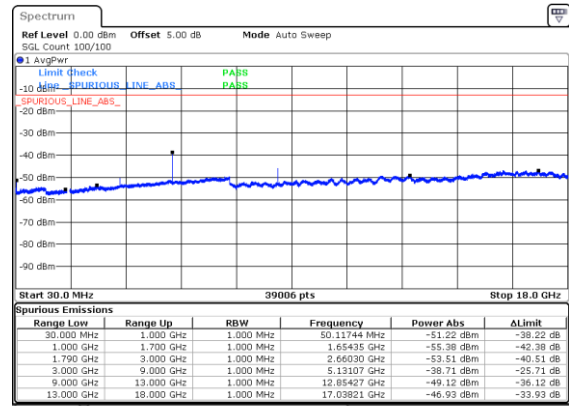
n66 / 5MHz

Lowest Channel / BPSK



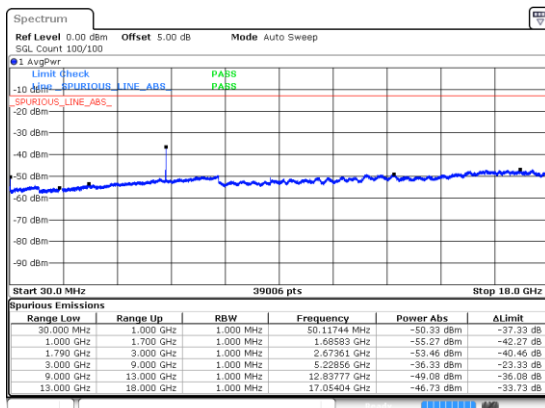
Date: 12 MAY 2020, 14:14:36

Lowest Channel / 16QAM



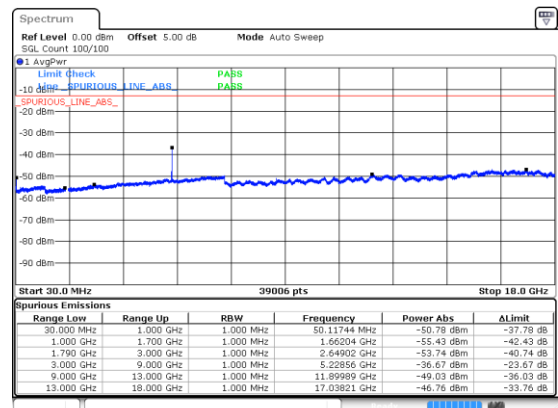
Date: 12 MAY 2020, 14:28:36

Middle Channel / BPSK



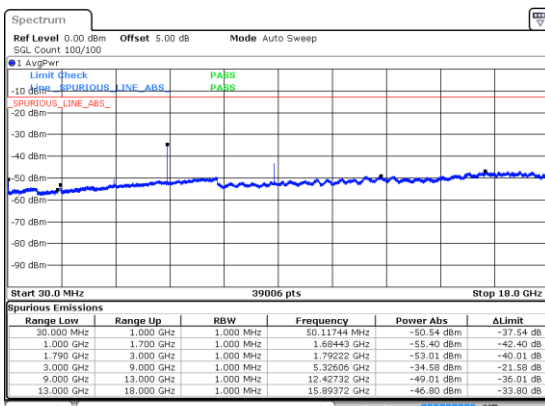
Date: 12 MAY 2020, 14:14:36

Middle Channel / 16QAM



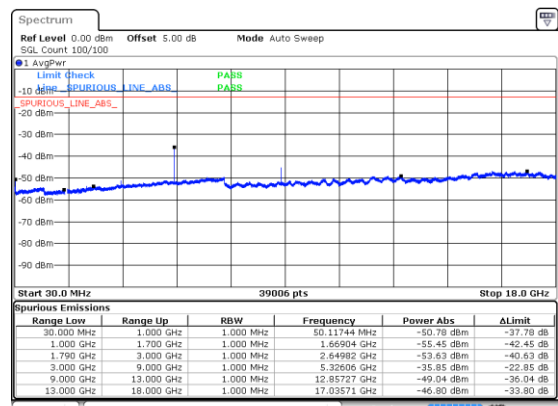
Date: 12 MAY 2020, 14:28:36

Highest Channel / BPSK



Date: 12 MAY 2020, 14:14:36

Highest Channel / 16QAM

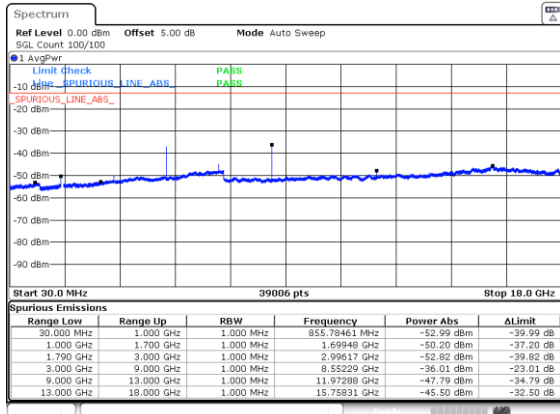


Date: 12 MAY 2020, 14:28:36

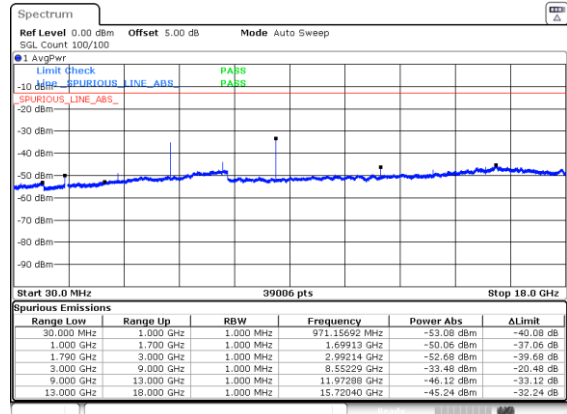


n66 / 10MHz

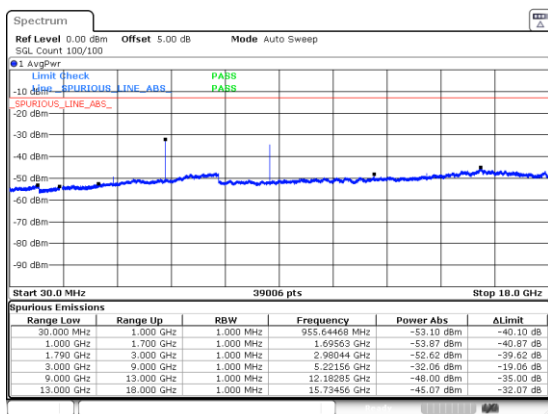
Lowest Channel / BPSK



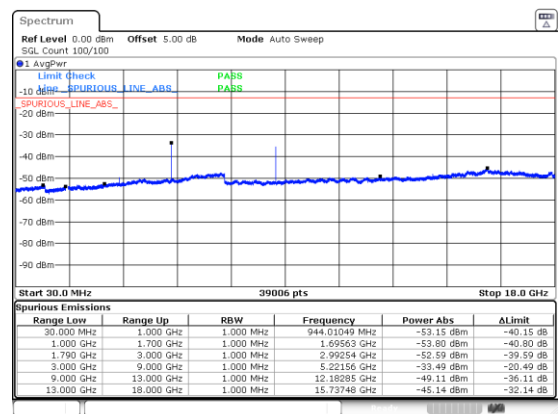
Lowest Channel / 16QAM



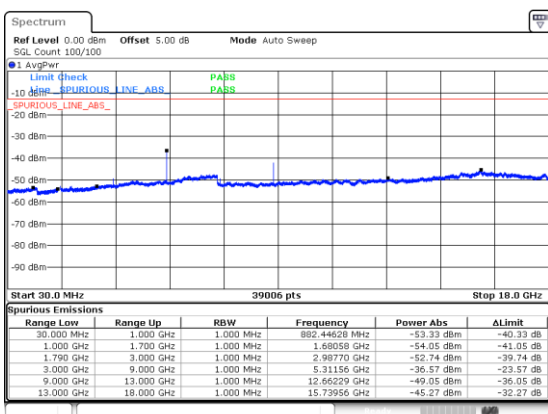
Middle Channel / BPSK



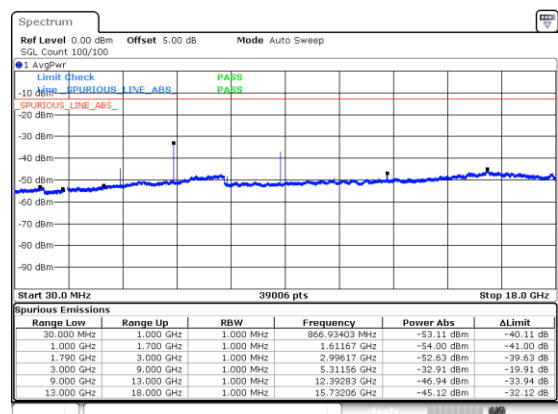
Middle Channel / 16QAM



Highest Channel / BPSK



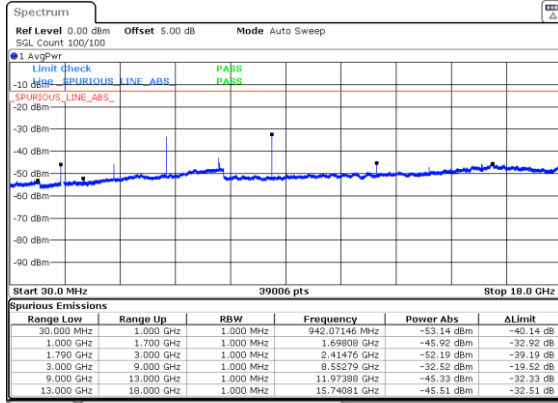
Highest Channel / 16QAM



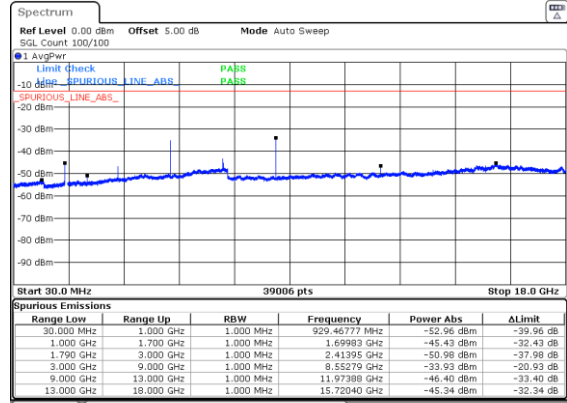


n66 / 20MHz

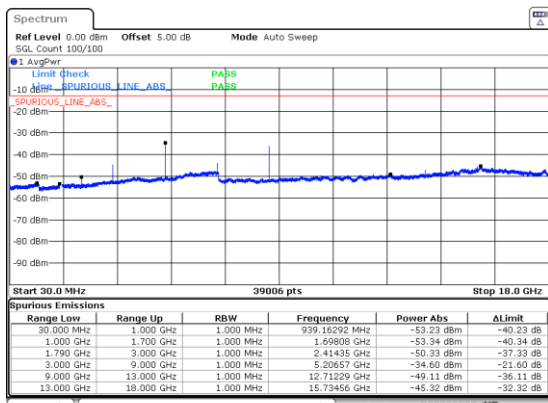
Lowest Channel / BPSK



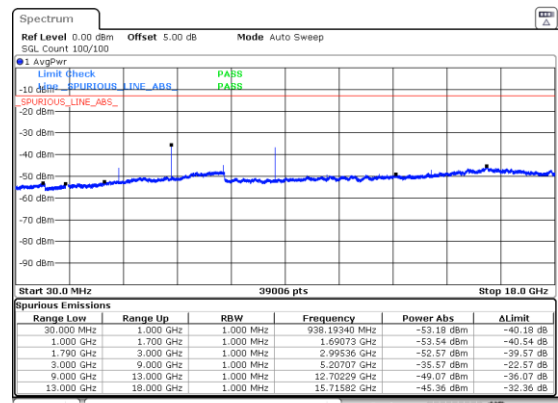
Lowest Channel / 16QAM



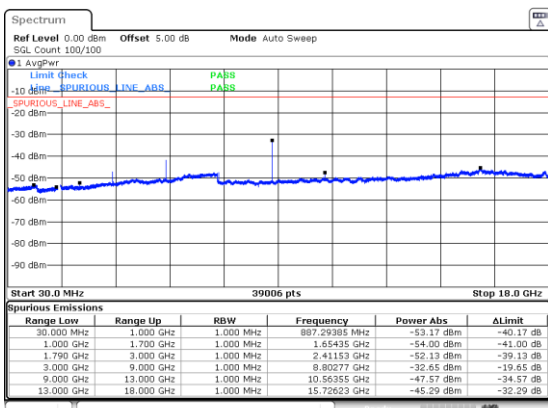
Middle Channel / BPSK



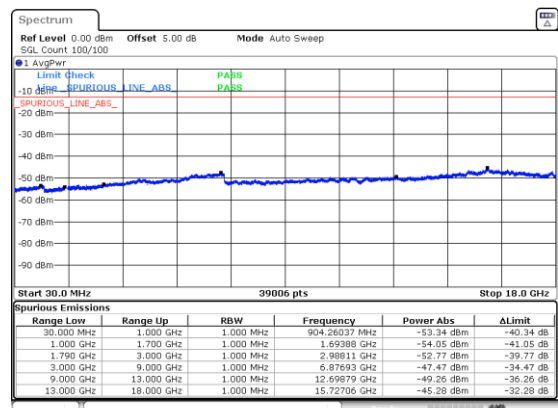
Middle Channel / 16QAM



Highest Channel / BPSK



Highest Channel / 16QAM



A5.6. Frequency Stability

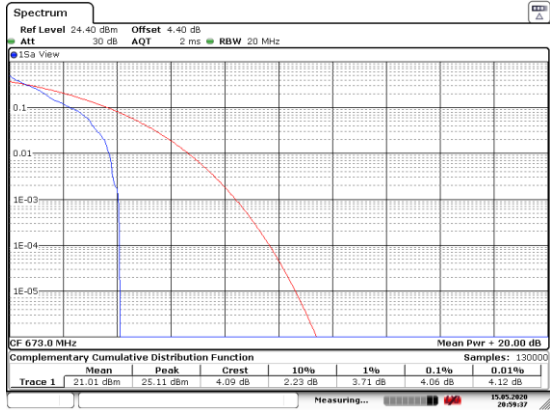
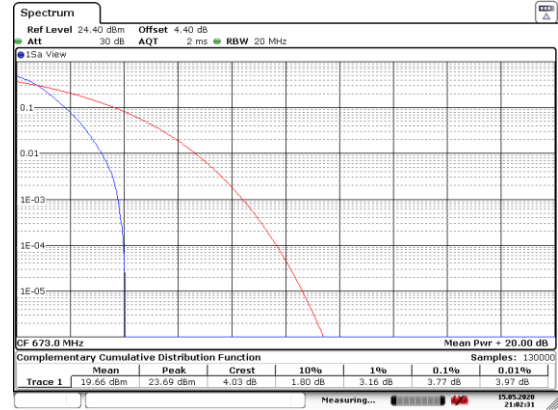
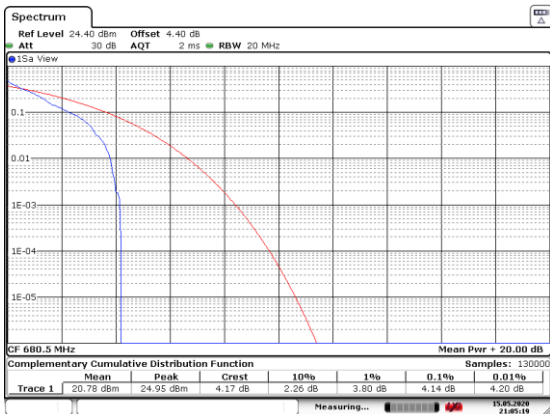
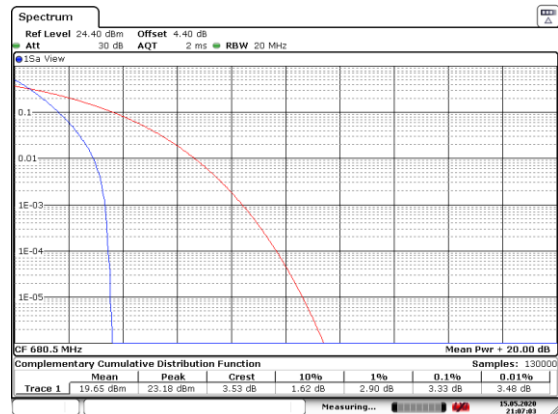
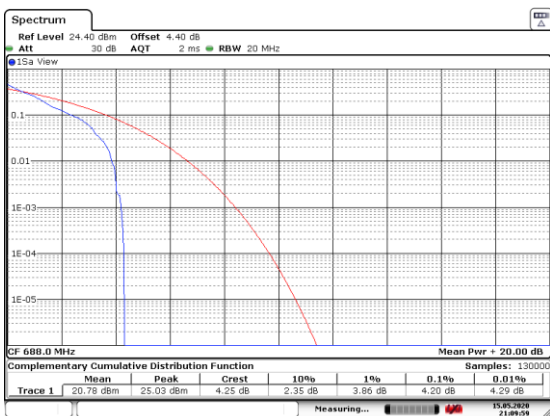
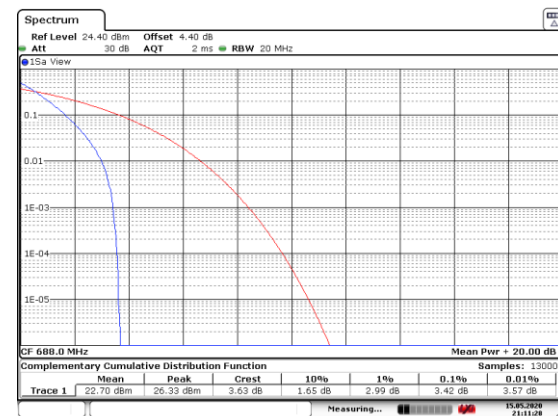
Test Conditions		n66 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0003	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0002	

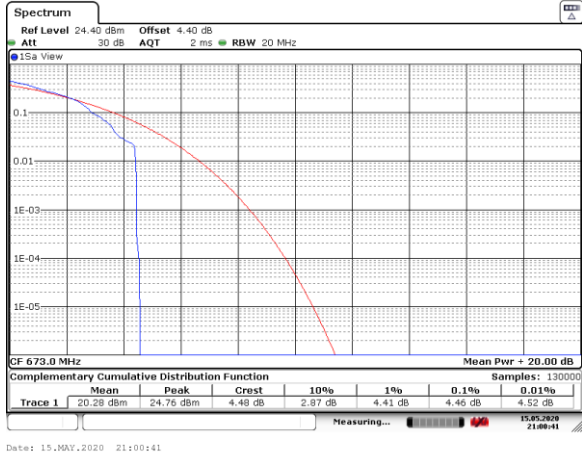
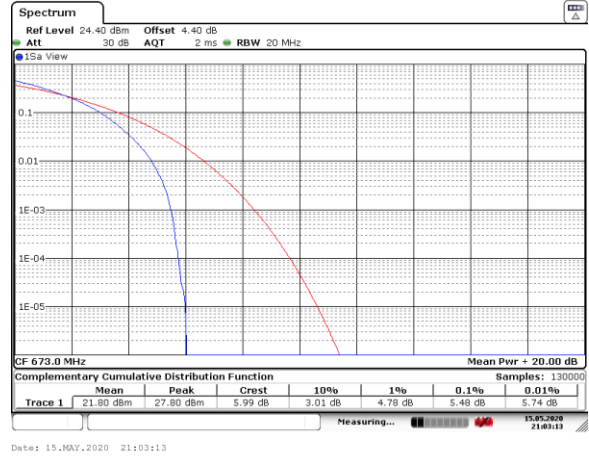
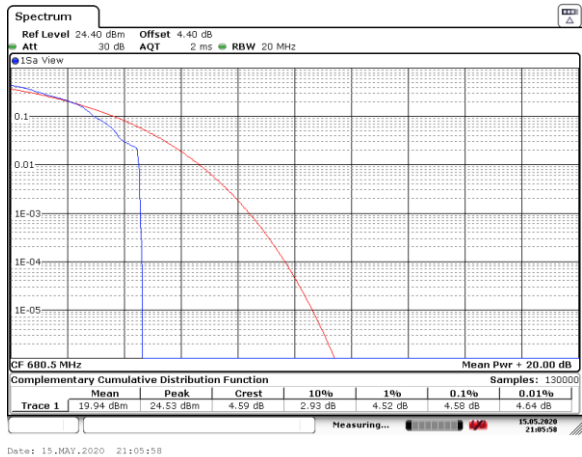
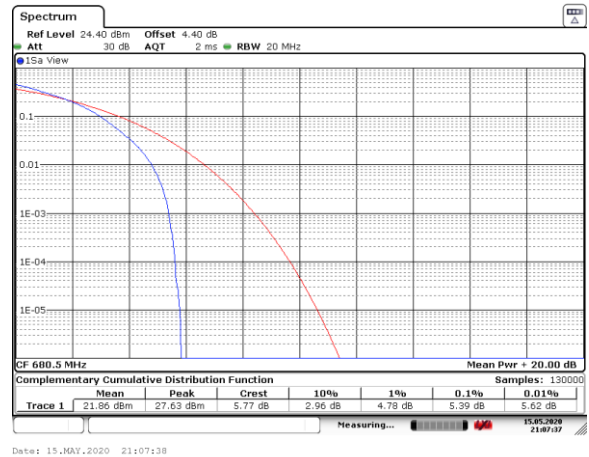
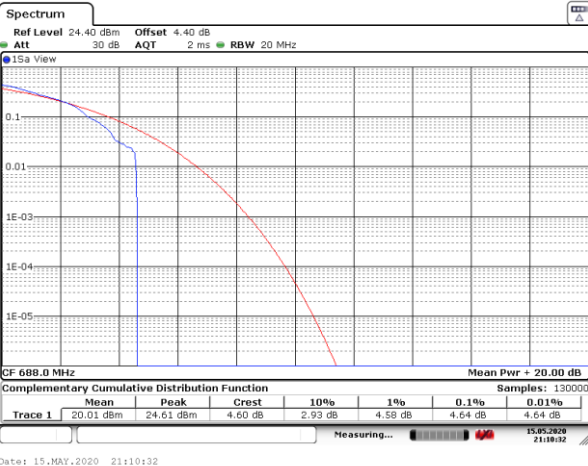
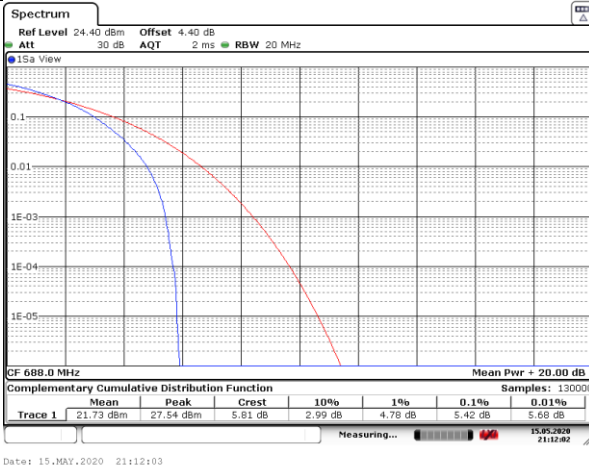
Note:

1. Normal Voltage =110V. ; Battery End Point (BEP) =100 V. ; Maximum Voltage =120 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

**A6. 5G NR n71****A6.1. Peak-to-Average Ratio**

Mode	n71 / 20MHz				
Mod.	BPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.06	3.77	4.46	5.48	PASS
Middle CH	4.14	3.33	4.58	5.39	
Highest CH	4.20	3.42	4.64	5.42	

n71 / 20MHz / BPSK
Lowest Channel / 1RB0

Lowest Channel / 100RB0

Middle Channel / 1RB0

Middle Channel / 100RB0

Highest Channel / 1RB0

Highest Channel / 100RB0


n71 / 20MHz / 16QAM
Lowest Channel / 1RB0

Lowest Channel / 100RB0

Middle Channel / 1RB0

Middle Channel / 100RB0

Highest Channel / 1RB0

Highest Channel / 100RB0




A6.2. 26dB Bandwidth

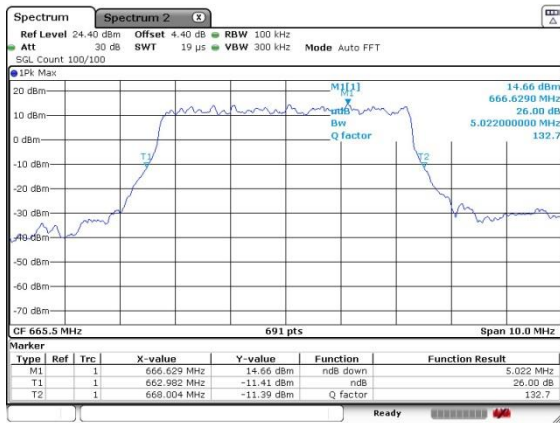
Mode	n71 : 26dB BW(MHz)					
BW	5MHz		10MHz		20MHz	
Mod.	BPSK	16QAM	BPSK	16QAM	BPSK	16QAM
Lowest CH	5.02	5.02	9.81	9.87	20.15	20.03
Middle CH	4.85	5.01	9.61	9.75	20.15	20.20
Highest CH	4.82	5.22	9.73	9.64	20.20	20.15



n71

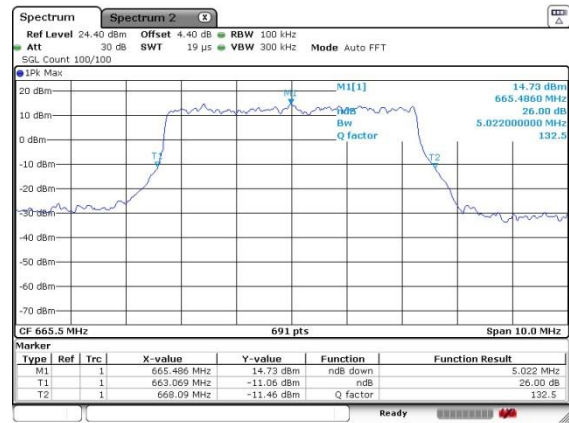
5MHz

Lowest Channel / BPSK



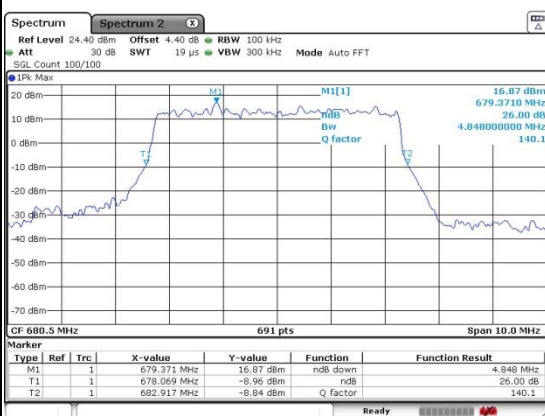
Date: 23 MAY 2020 01:36:34

Lowest Channel / 16QAM



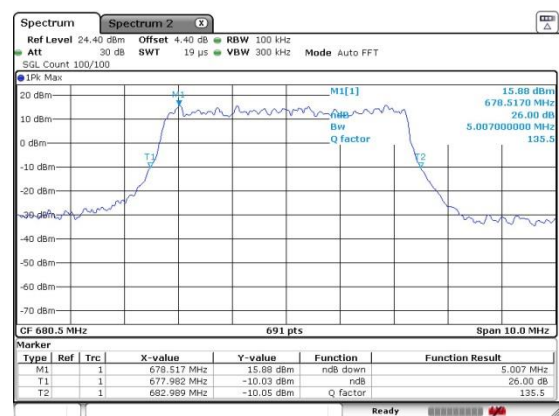
Date: 23 MAY 2020 01:40:14

Middle Channel / BPSK



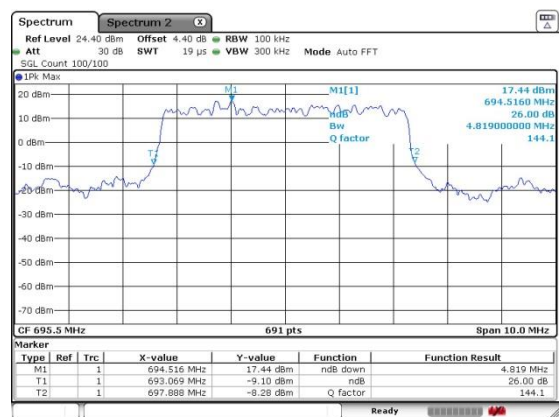
Date: 23 MAY 2020 01:40:14

Middle Channel / 16QAM



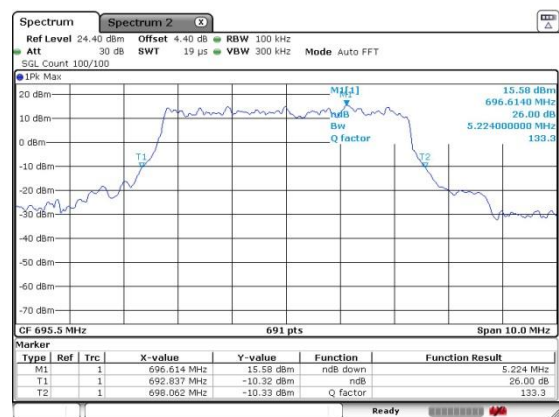
Date: 23 MAY 2020 01:40:14

Highest Channel / BPSK



Date: 23 MAY 2020 01:40:14

Highest Channel / 16QAM



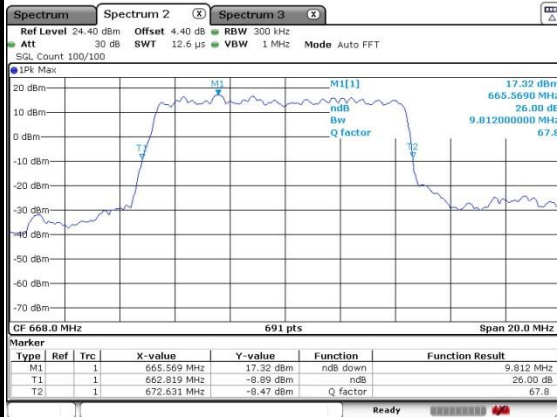
Date: 23 MAY 2020 01:40:14



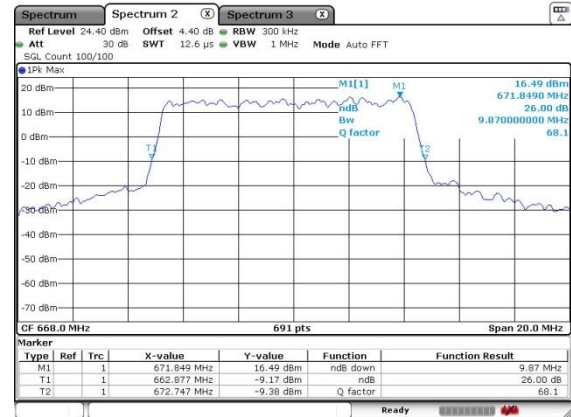
n71

10MHz

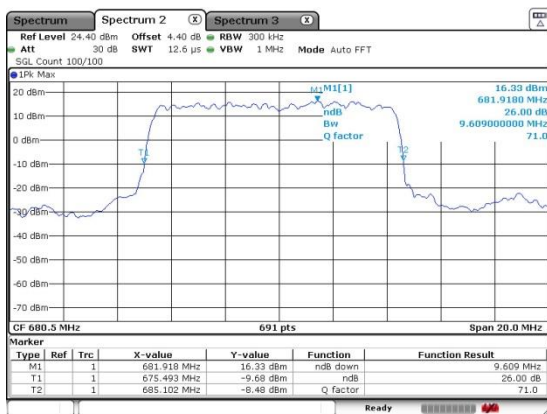
Lowest Channel / BPSK



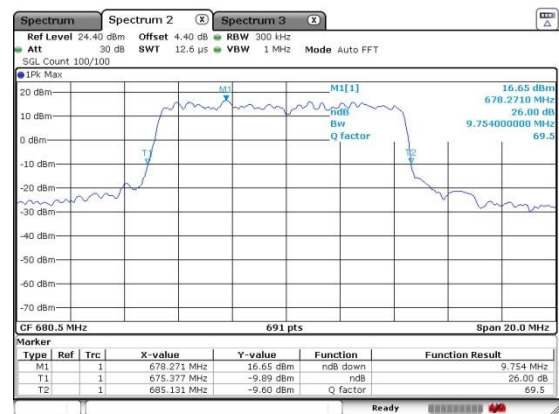
Lowest Channel / 16QAM



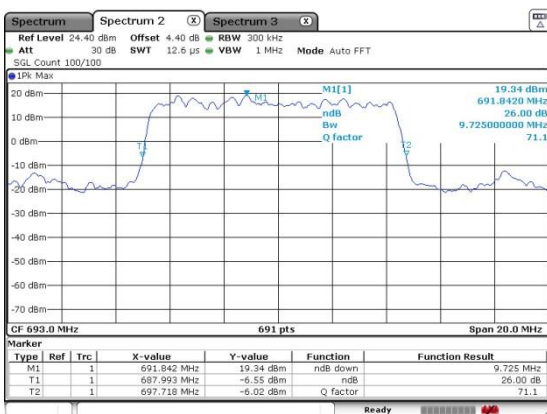
Middle Channel / BPSK



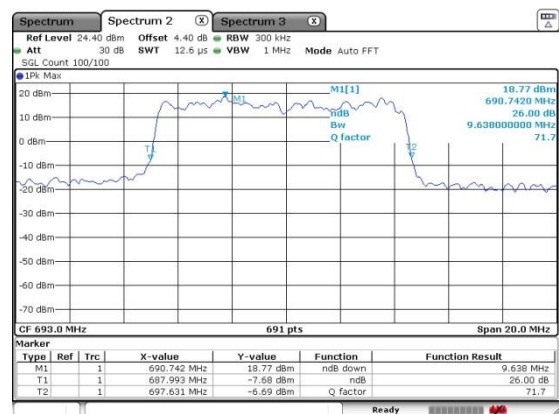
Middle Channel / 16QAM



Highest Channel / BPSK



Highest Channel / 16QAM

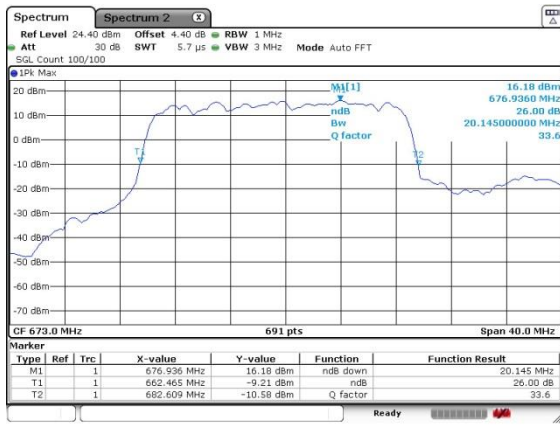




n71

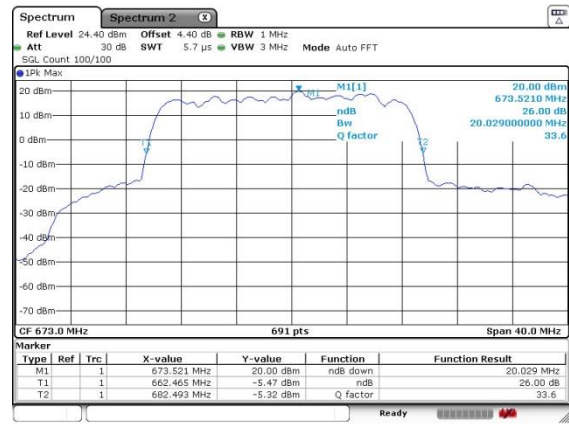
20MHz

Lowest Channel / BPSK



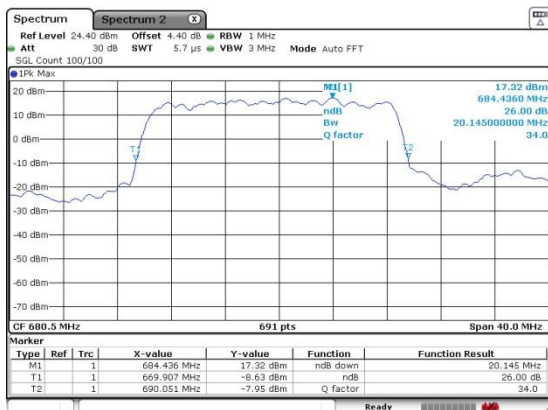
Date: 23 MAY 2020 04:50:31

Lowest Channel / 16QAM



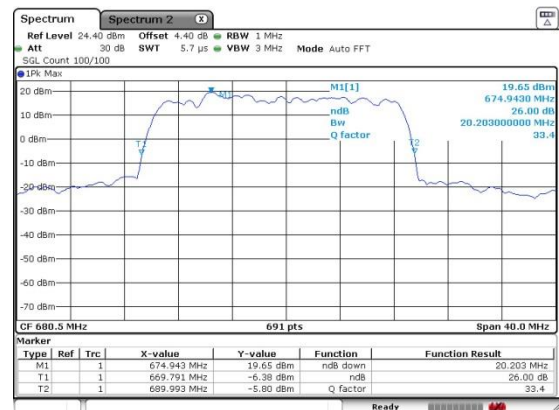
Date: 23 MAY 2020 04:50:32

Middle Channel / BPSK



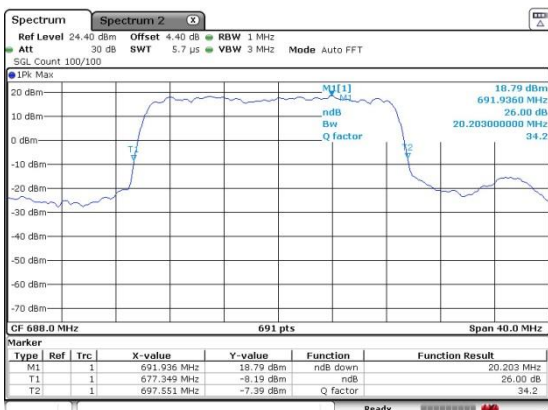
Date: 23 MAY 2020 04:50:33

Middle Channel / 16QAM



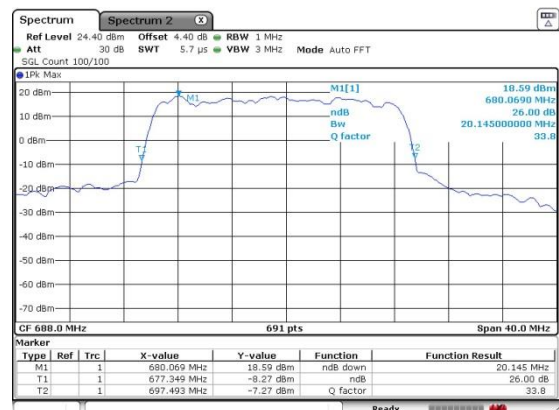
Date: 23 MAY 2020 04:50:34

Highest Channel / BPSK



Date: 23 MAY 2020 04:50:35

Highest Channel / 16QAM



Date: 23 MAY 2020 04:50:36

A6.3. Occupied Bandwidth

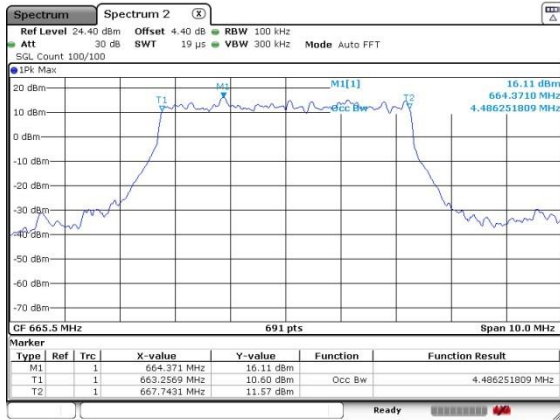
Mode	n71 : OB BW(MHz)					
BW	5MHz		10MHz		20MHz	
Mod.	BPSK	16QAM	BPSK	16QAM	BPSK	16QAM
Lowest CH	4.49	4.53	9.00	9.03	18.41	18.23
Middle CH	4.49	4.53	9.03	9.03	18.35	18.23
Highest CH	4.47	4.49	9.00	9.03	18.35	18.23



n71

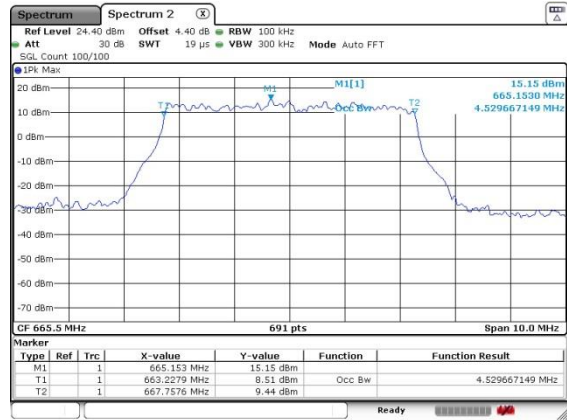
5MHz

Lowest Channel / BPSK



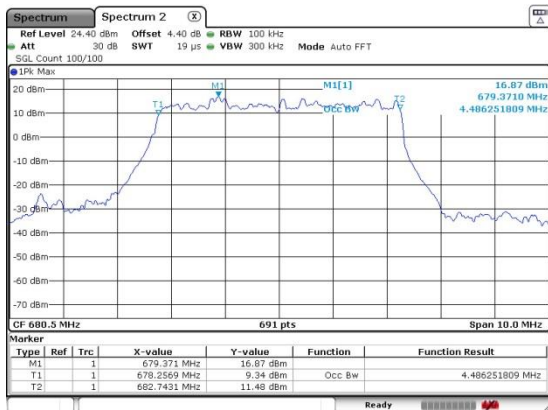
Date: 23 MAY 2020, 01:43:08

Lowest Channel / 16QAM



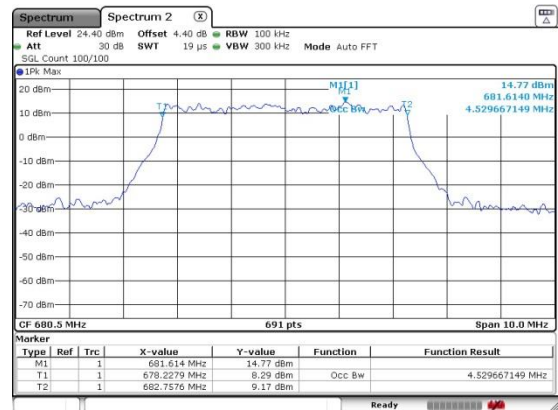
Date: 23 MAY 2020, 01:41:41

Middle Channel / BPSK



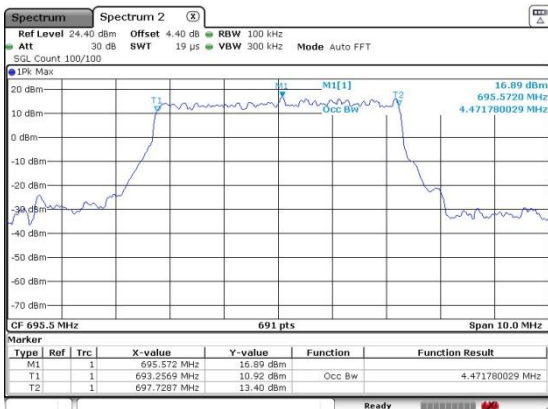
Date: 23 MAY 2020, 01:43:08

Middle Channel / 16QAM



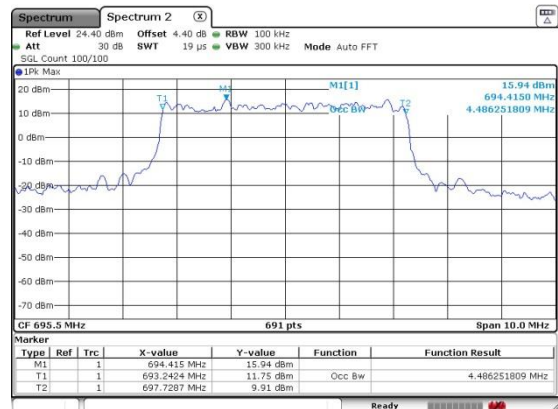
Date: 23 MAY 2020, 01:41:41

Highest Channel / BPSK



Date: 23 MAY 2020, 01:43:08

Highest Channel / 16QAM



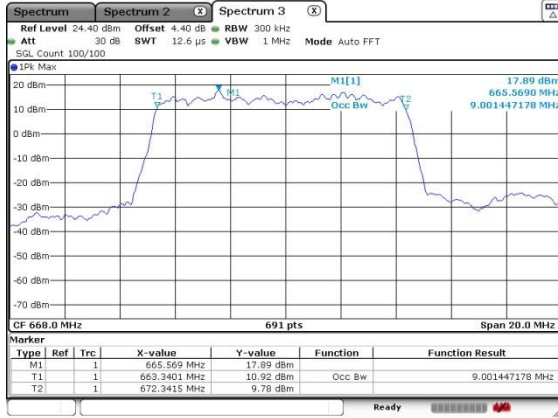
Date: 23 MAY 2020, 01:41:41



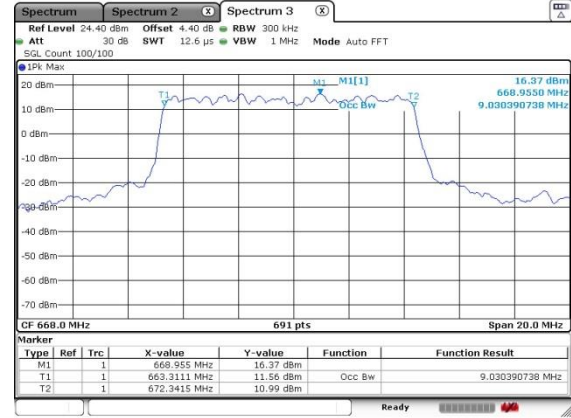
n71

10MHz

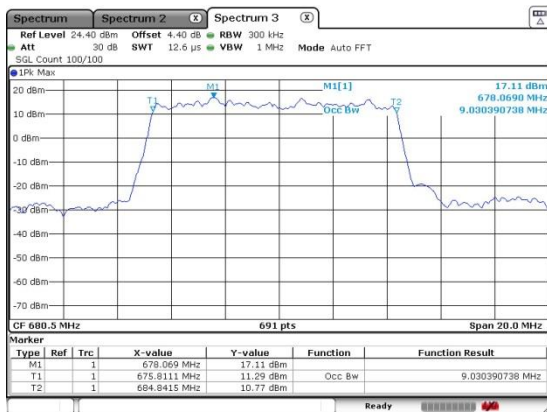
Lowest Channel / BPSK



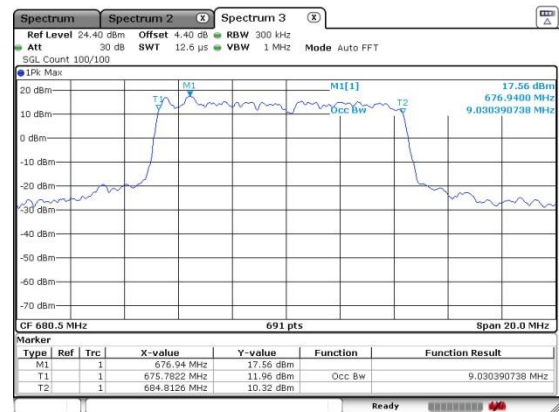
Lowest Channel / 16QAM



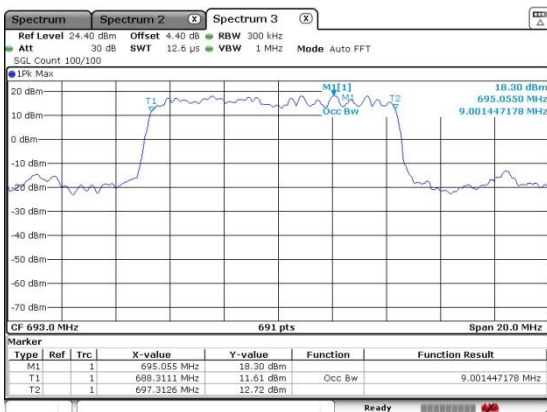
Middle Channel / BPSK



Middle Channel / 16QAM



Highest Channel / BPSK



Highest Channel / 16QAM

