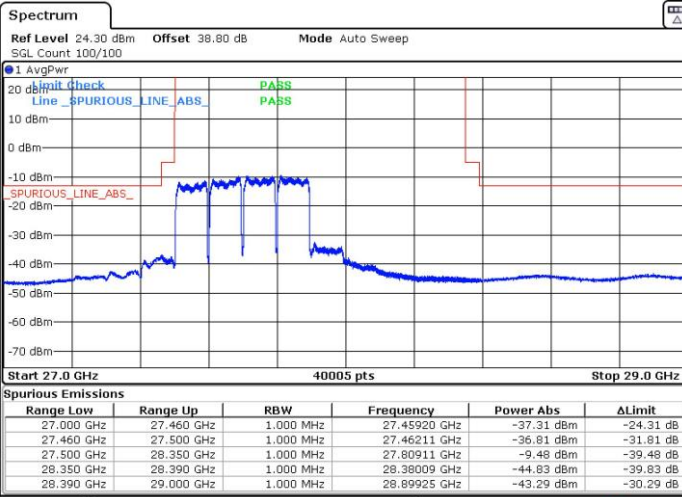




Module 0 AG1

NR Band n261 / 400MHz / QPSK

Lowest Band Edge / Full RB



Date: 9.FEB.2020 03:42:17

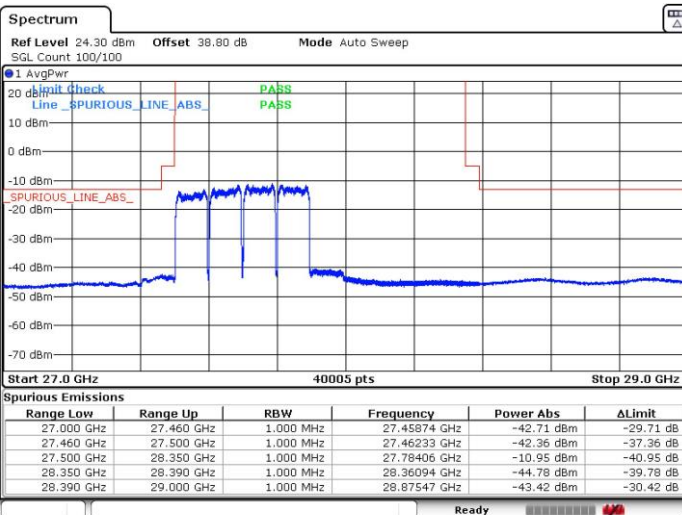
Highest Band Edge / Full RB



Date: 9.FEB.2020 03:53:39

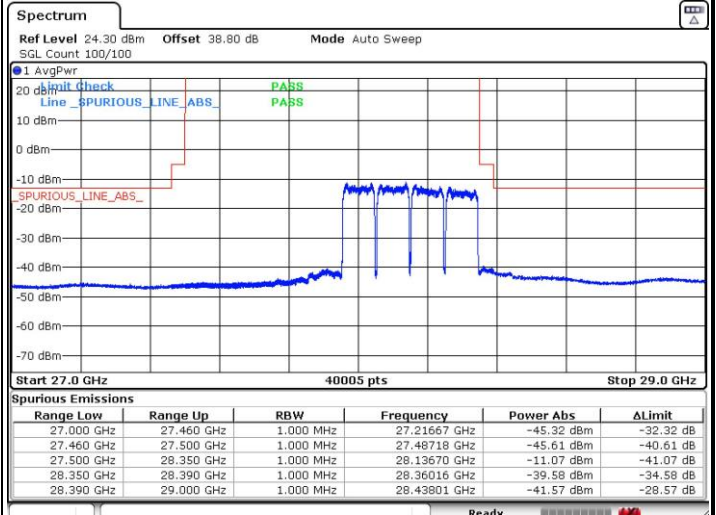
NR Band n261 / 400MHz / 16QAM

Lowest Band Edge / Full RB



Date: 9.FEB.2020 03:43:10

Highest Band Edge / Full RB



Date: 9.FEB.2020 03:54:29

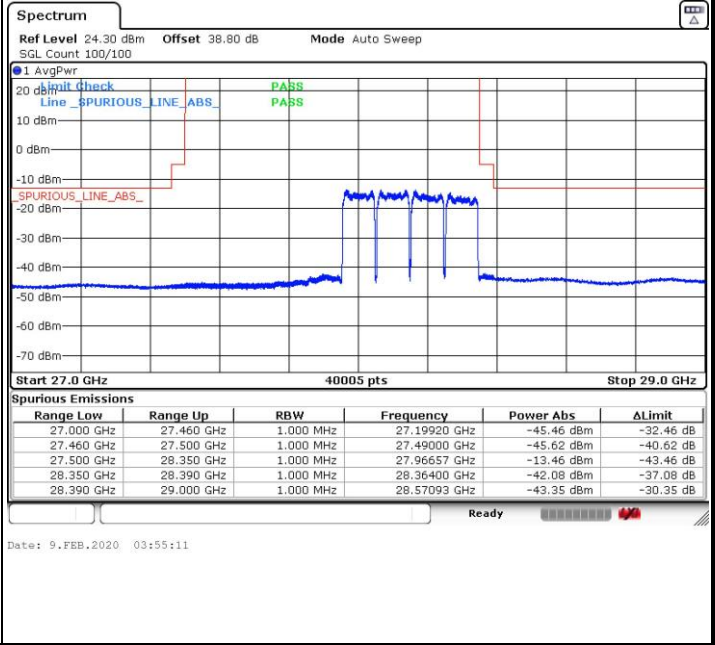
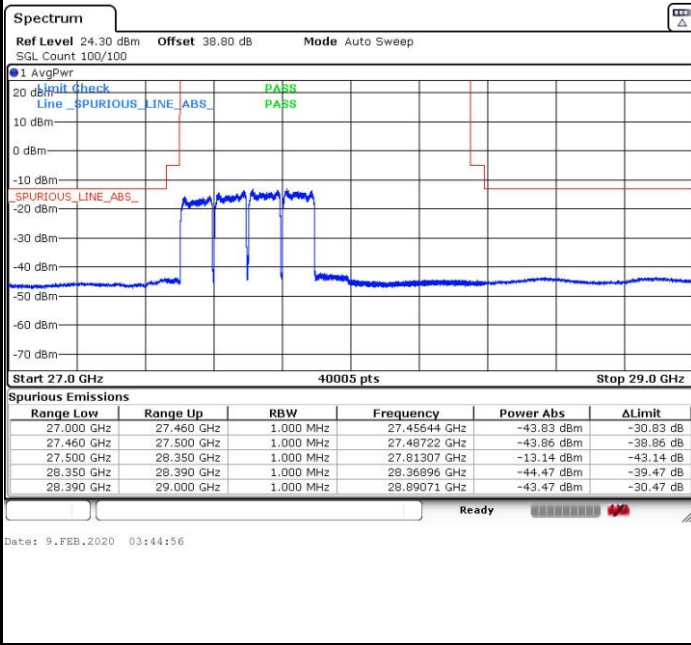


Module 0 AG1

NR Band n261 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

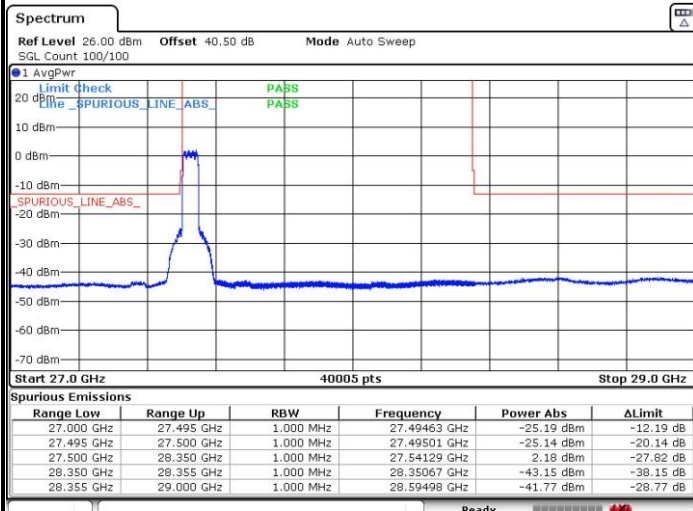




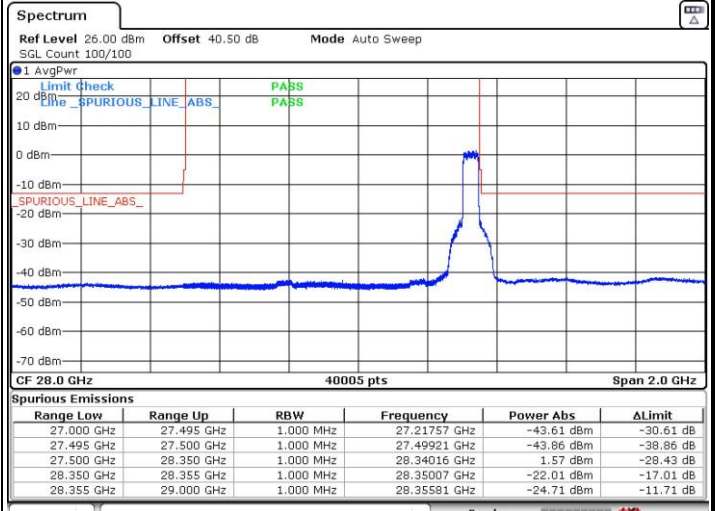
Module 1 AGO

NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB

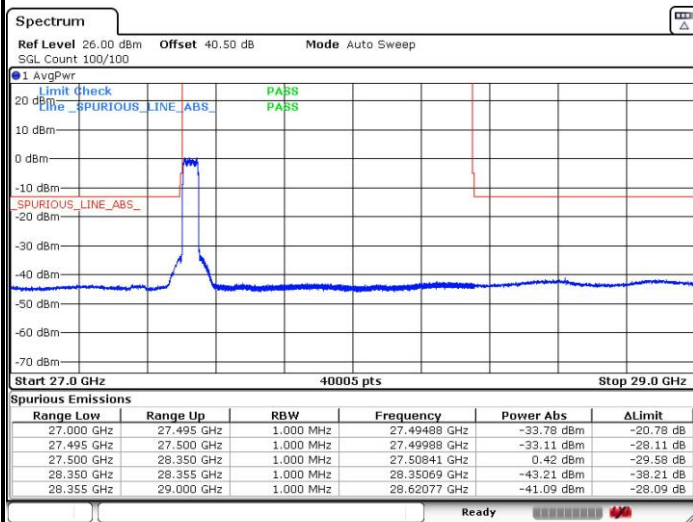


Highest Band Edge / Full RB

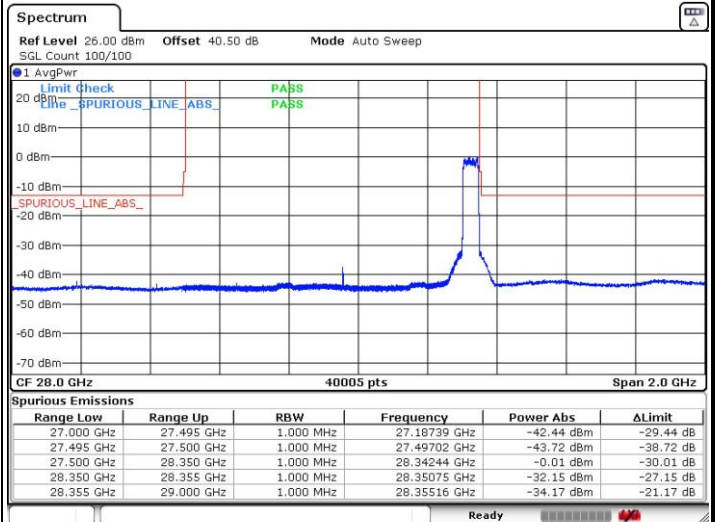


NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

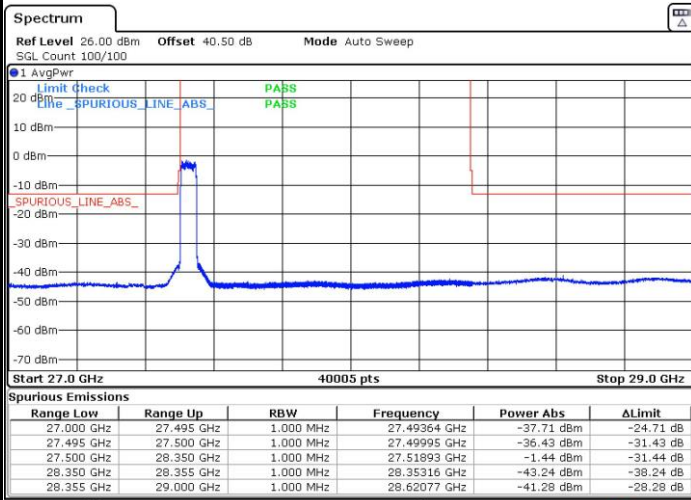




Module 1 AGO

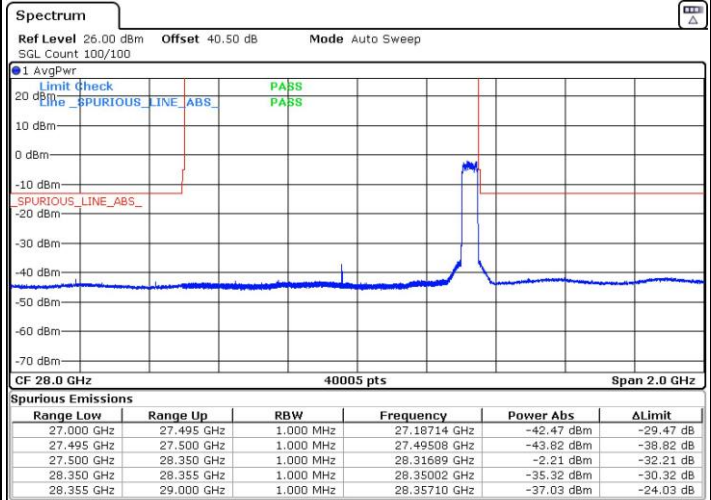
NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB



Date: 7.FEB.2020 21:38:14

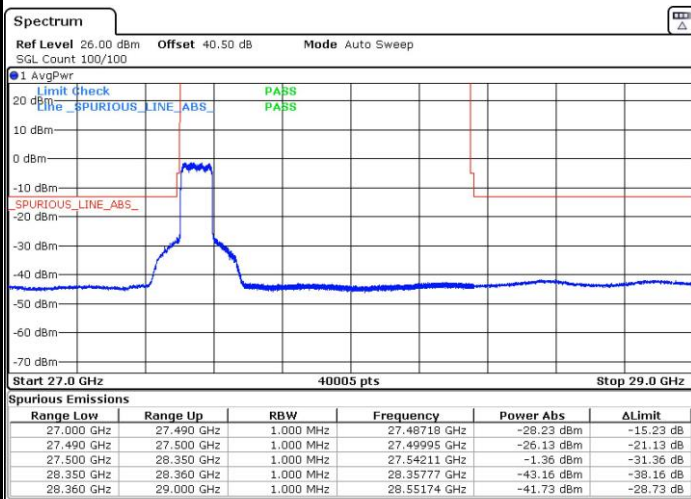
Highest Band Edge / Full RB



Date: 7.FEB.2020 21:51:41

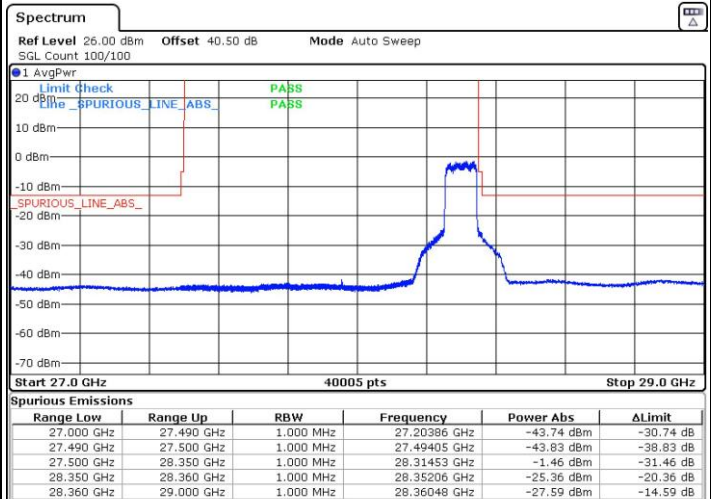
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Date: 7.FEB.2020 21:05:39

Highest Band Edge / Full RB



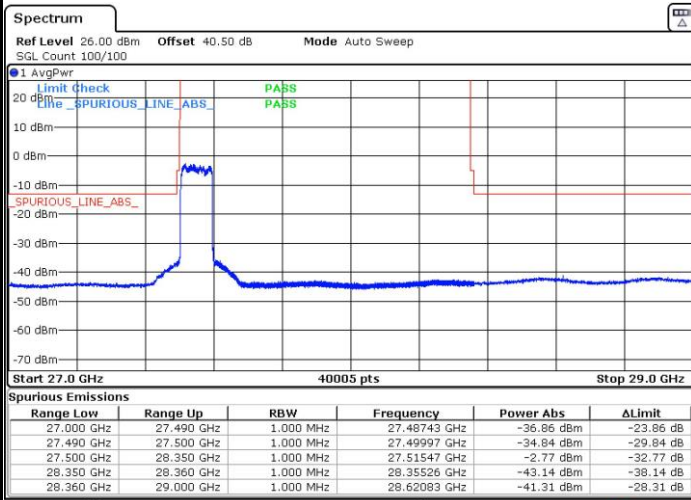
Date: 7.FEB.2020 21:18:48



Module 1 AGO

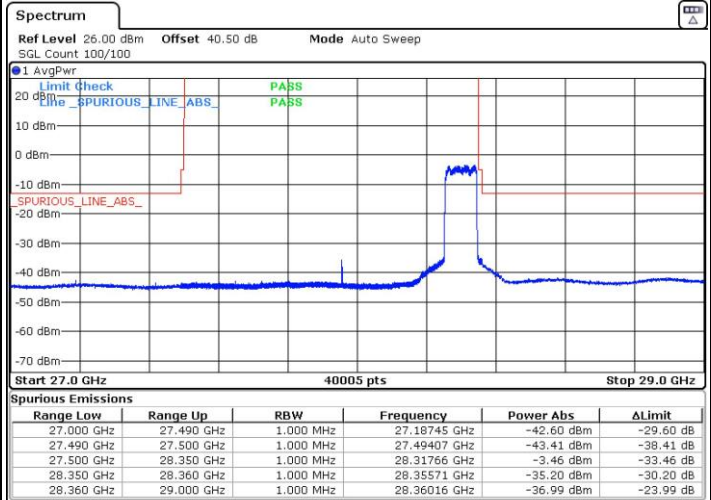
NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB



Date: 7.FEB.2020 21:06:12

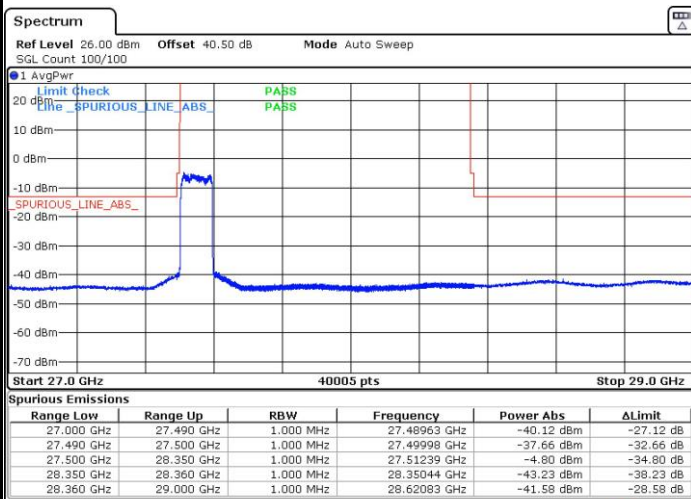
Highest Band Edge / Full RB



Date: 7.FEB.2020 21:18:16

NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB



Date: 7.FEB.2020 21:06:44

Highest Band Edge / Full RB



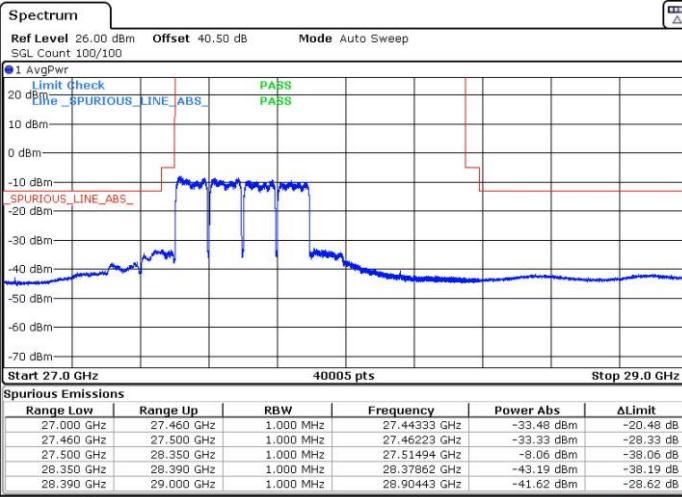
Date: 7.FEB.2020 21:17:34



Module 1 AGO

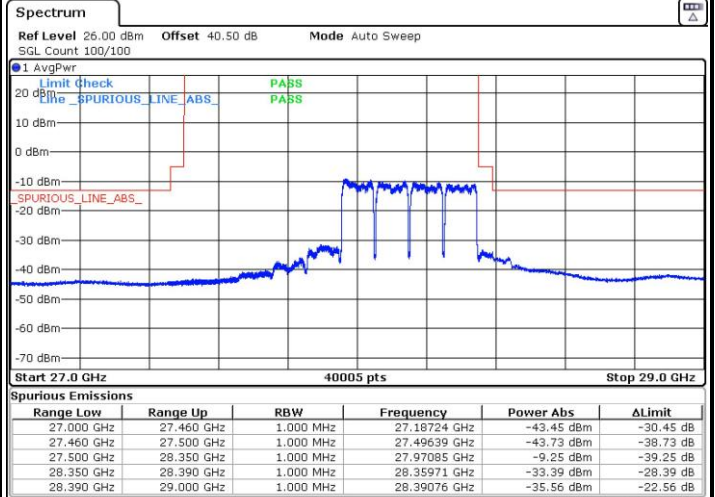
NR Band n261 / 400MHz / QPSK

Lowest Band Edge / Full RB



Date: 7.FEB.2020 22:45:34

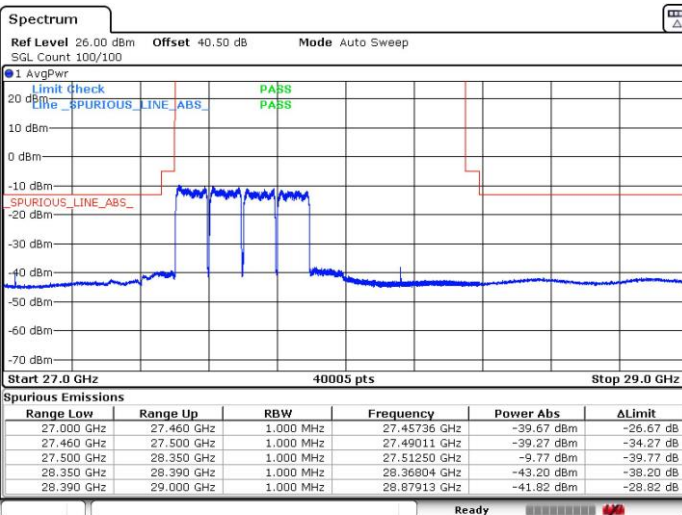
Highest Band Edge / Full RB



Date: 7.FEB.2020 23:04:16

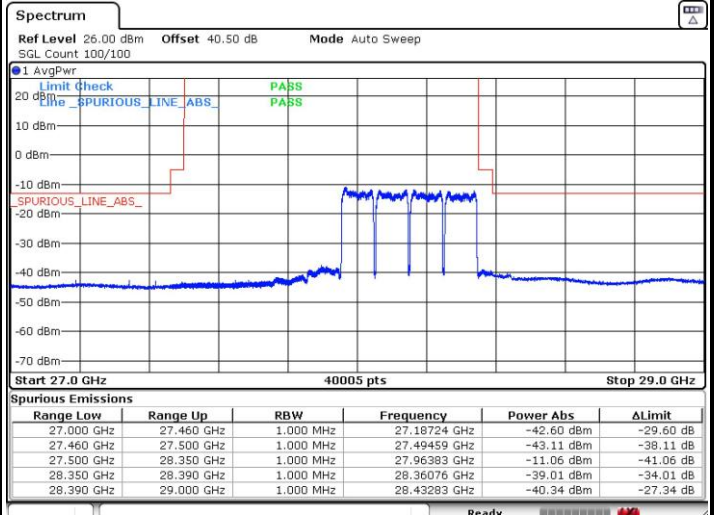
NR Band n261 / 400MHz / 16QAM

Lowest Band Edge / Full RB



Date: 7.FEB.2020 22:46:32

Highest Band Edge / Full RB



Date: 7.FEB.2020 23:05:06

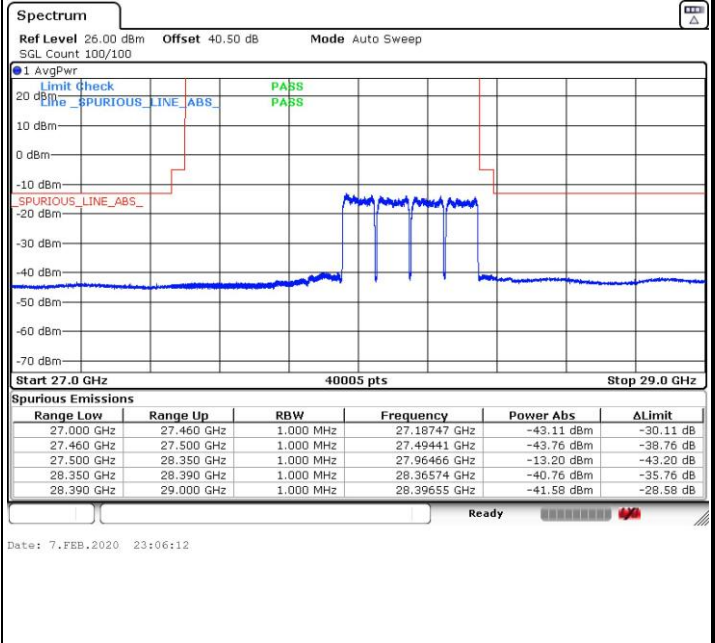
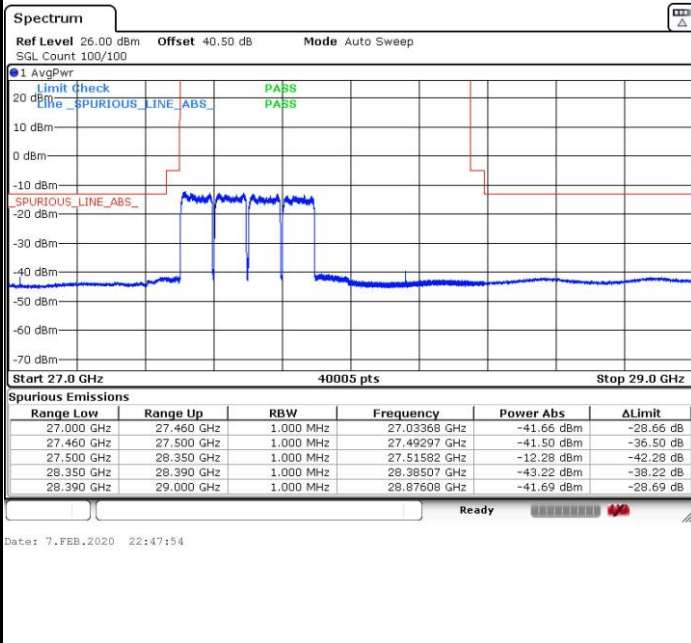


Module 1 AG0

NR Band n261 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

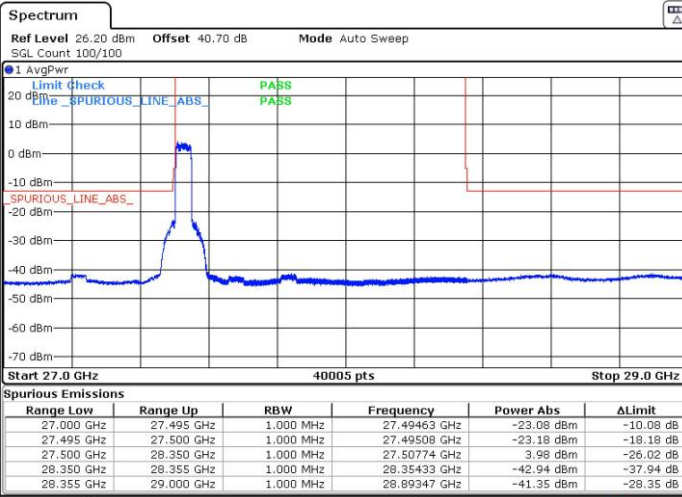




Module 1 AG1

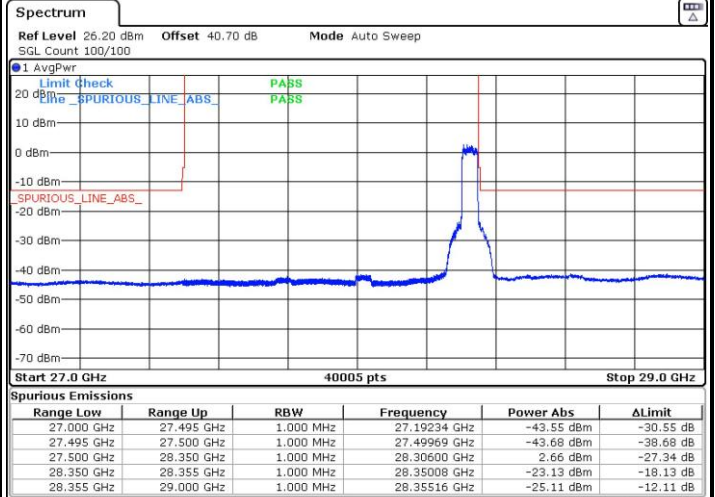
NR Band n261 / 50MHz / QPSK

Lowest Band Edge / Full RB



Date: 8.FEB.2020 01:33:14

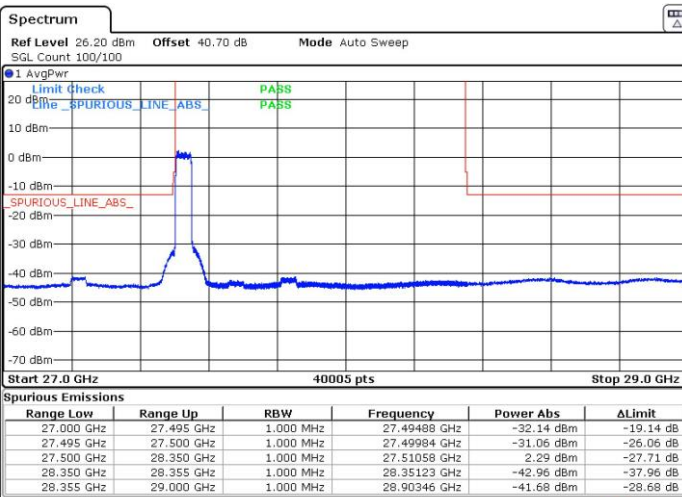
Highest Band Edge / Full RB



Date: 8.FEB.2020 03:09:49

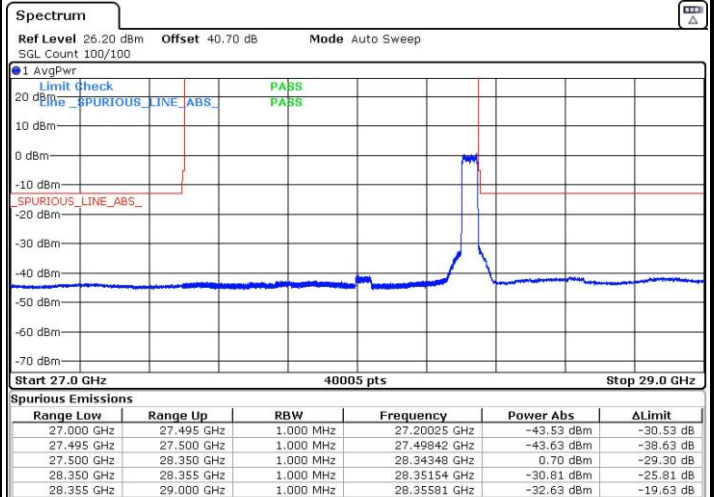
NR Band n261 / 50MHz / 16QAM

Lowest Band Edge / Full RB



Date: 8.FEB.2020 01:33:51

Highest Band Edge / Full RB



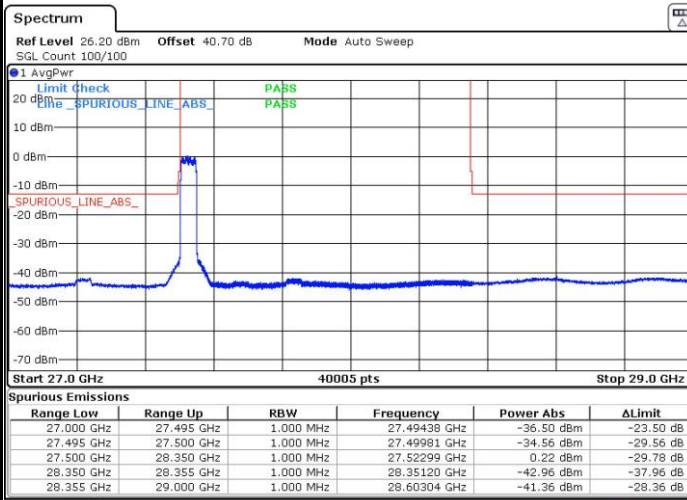
Date: 8.FEB.2020 03:09:20



Module 1 AG1

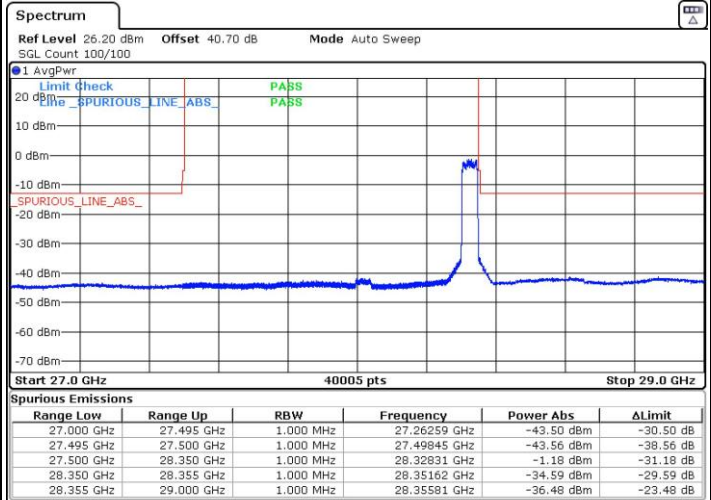
NR Band n261 / 50MHz / 64QAM

Lowest Band Edge / Full RB



Date: 8.FEB.2020 01:34:22

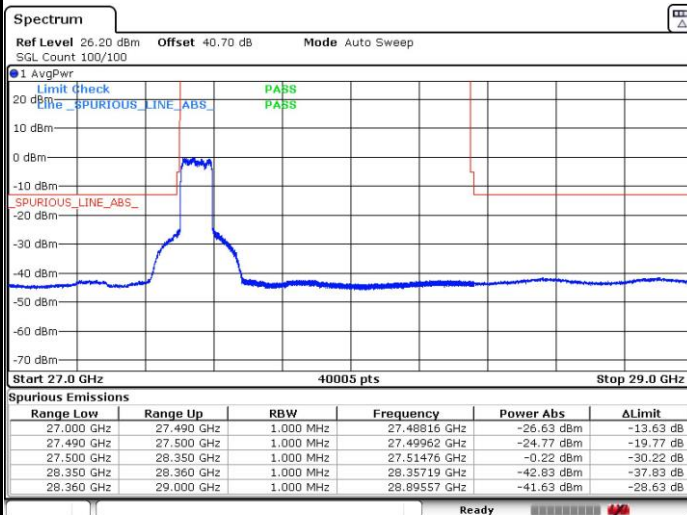
Highest Band Edge / Full RB



Date: 8.FEB.2020 03:08:31

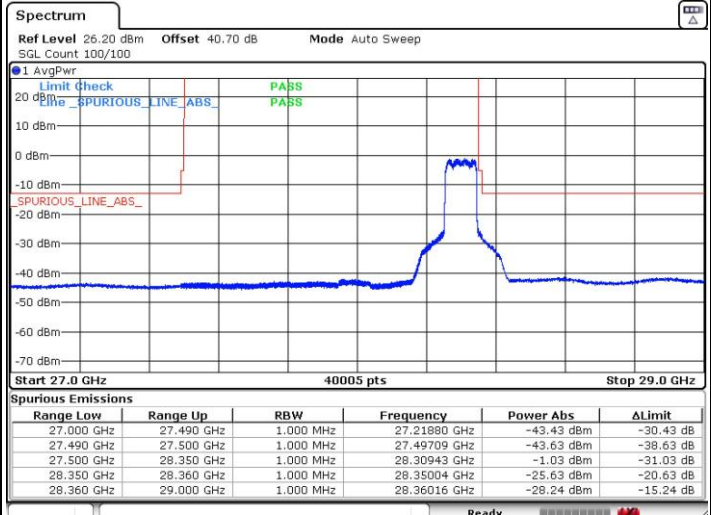
NR Band n261 / 100MHz / QPSK

Lowest Band Edge / Full RB



Date: 7.FEB.2020 23:32:42

Highest Band Edge / Full RB



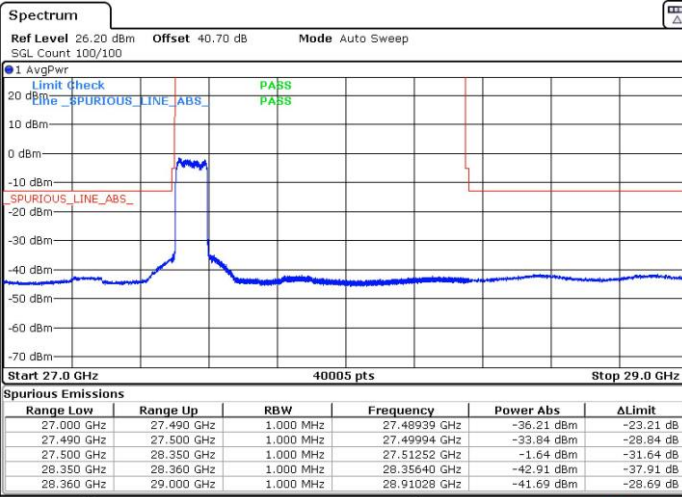
Date: 8.FEB.2020 01:07:15



Module 1 AG1

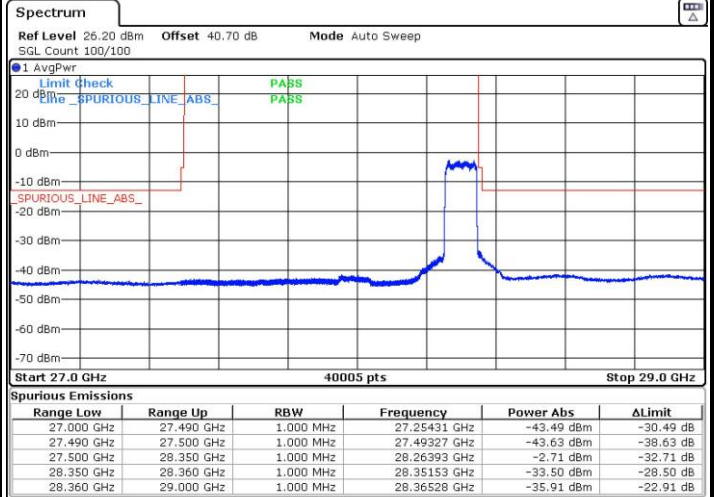
NR Band n261 / 100MHz / 16QAM

Lowest Band Edge / Full RB



Date: 7.FEB.2020 23:30:45

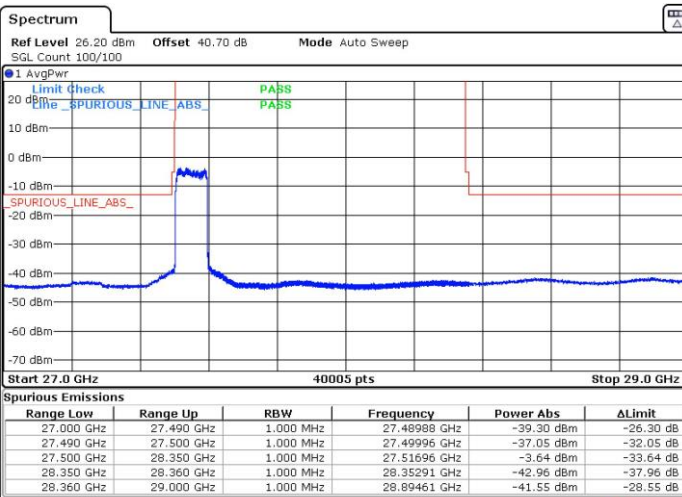
Highest Band Edge / Full RB



Date: 8.FEB.2020 01:06:43

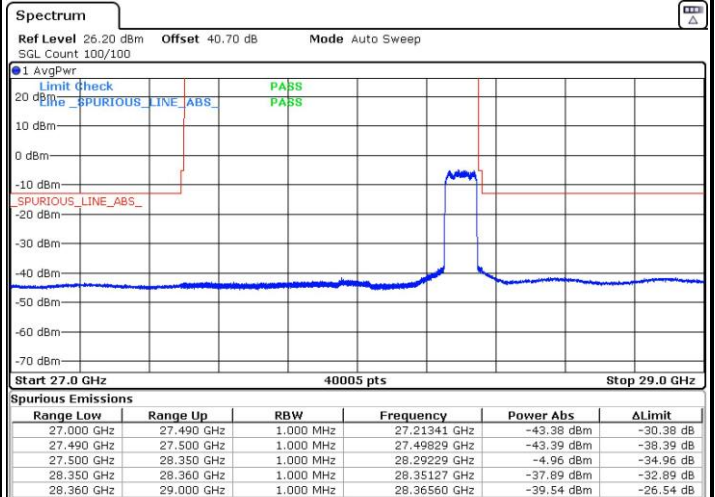
NR Band n261 / 100MHz / 64QAM

Lowest Band Edge / Full RB



Date: 7.FEB.2020 23:29:40

Highest Band Edge / Full RB



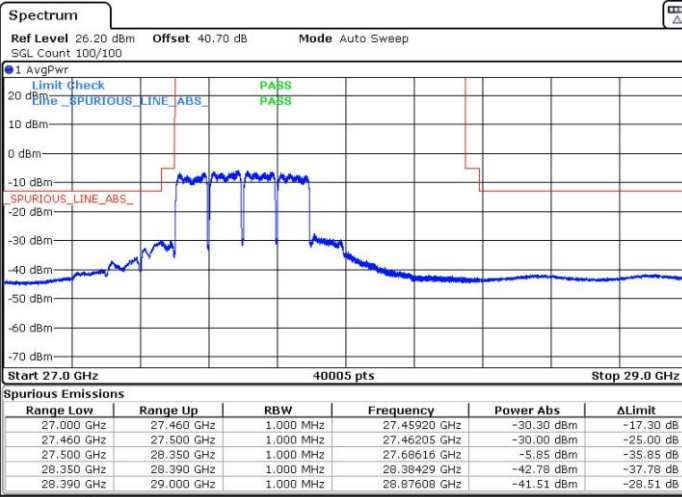
Date: 8.FEB.2020 01:06:03



Module 1 AG1

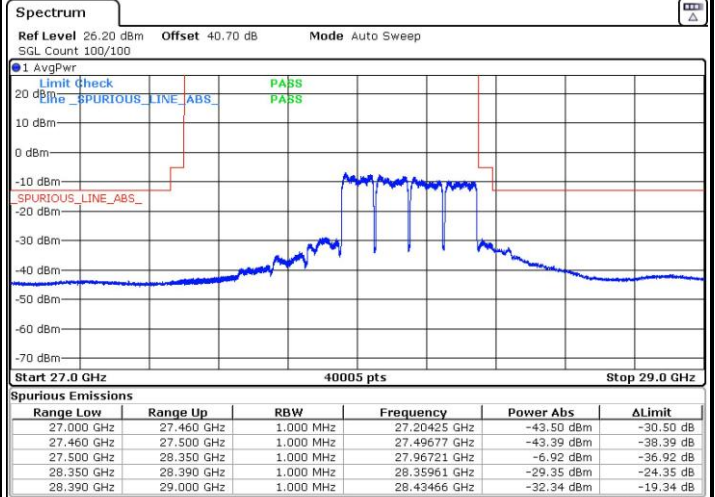
NR Band n261 / 400MHz / QPSK

Lowest Band Edge / Full RB



Date: 8.FEB.2020 03:36:07

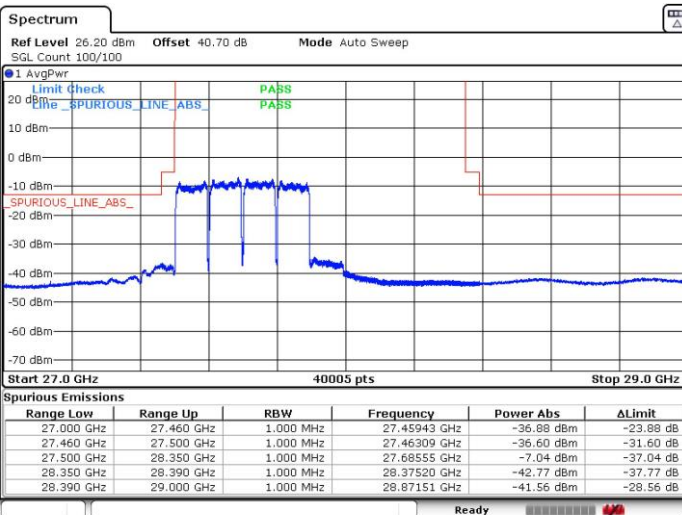
Highest Band Edge / Full RB



Date: 8.FEB.2020 04:03:40

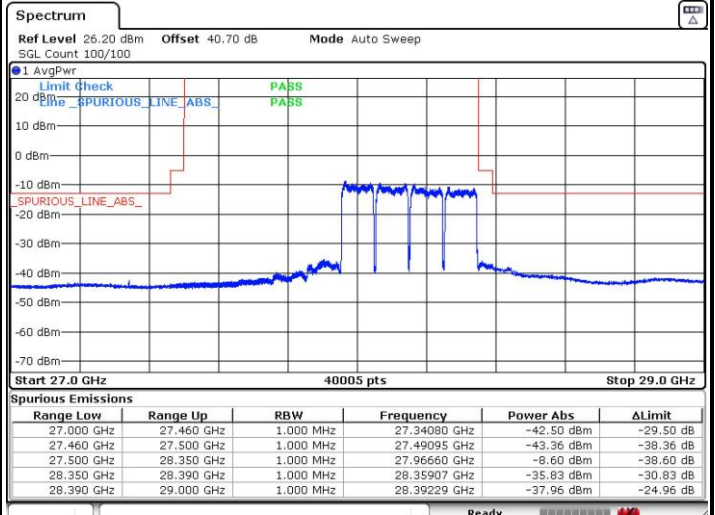
NR Band n261 / 400MHz / 16QAM

Lowest Band Edge / Full RB



Date: 8.FEB.2020 03:37:41

Highest Band Edge / Full RB



Date: 8.FEB.2020 04:04:07

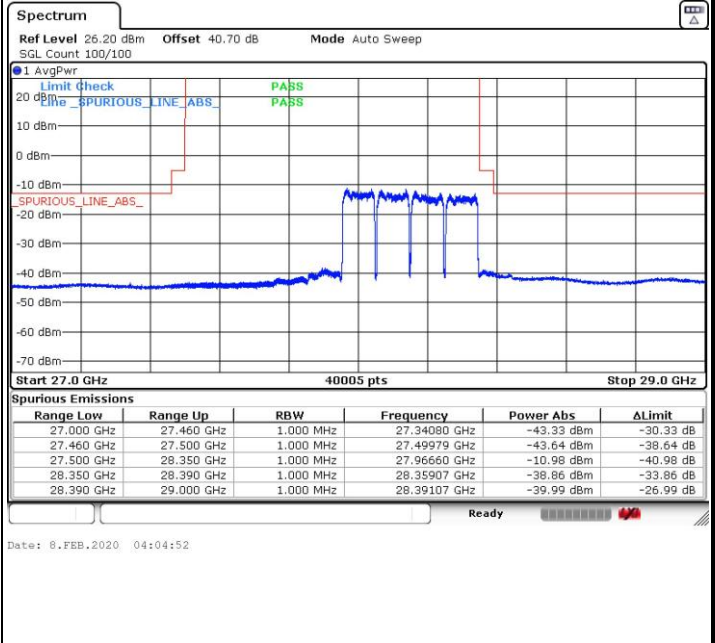
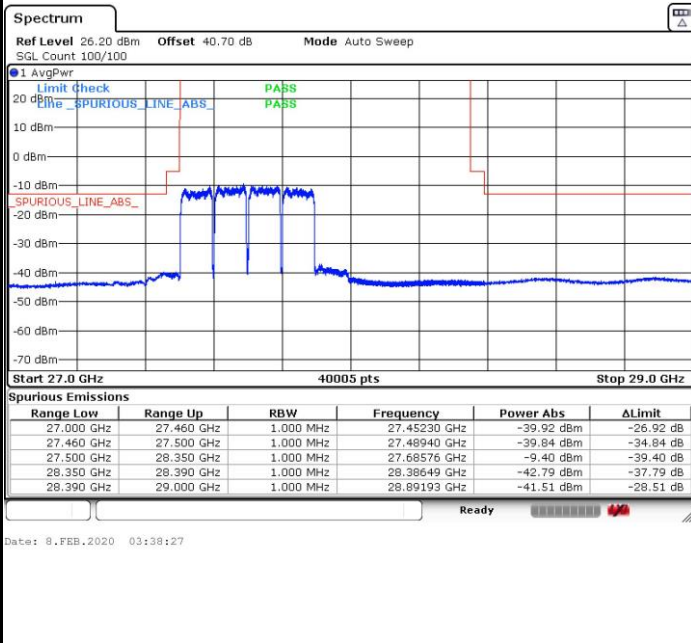


Module 1 AG1

NR Band n261 / 400MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



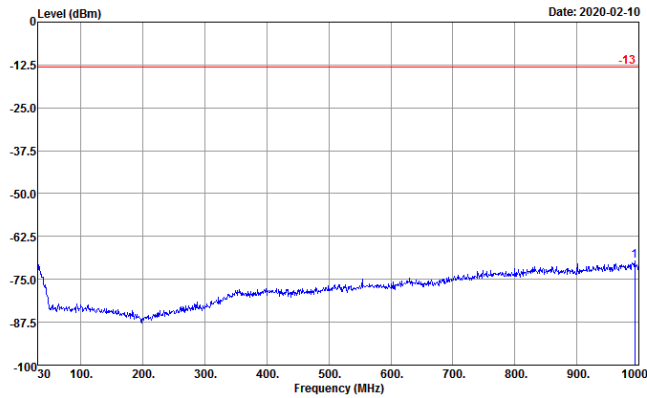


Spurious Emission

There is no significant spurious emission signal found for frequency started from 9kHz up to 18GHz. Only the noise floor is reported.

NR Band n261 (30MHz-18GHz)

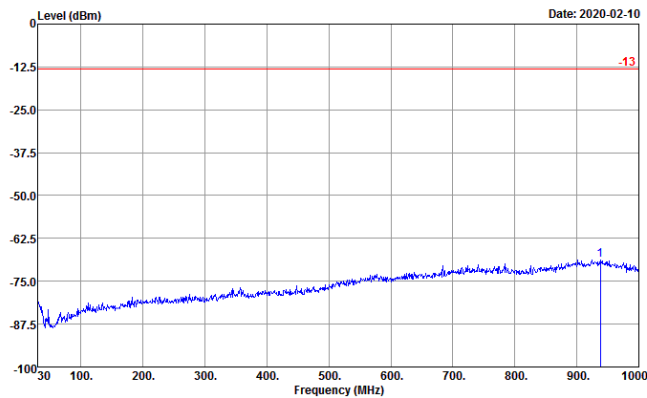
Horizontal



Site : 03CH10-HY
 Condition : -13 EIRP_WO HORIZONTAL
 Project : 9D0635
 : B151-50M-L-30-16 RSE-1R80-PUSCH-DFT-S

Over	Limit	LISN			
Freq	Level	Limit	Line	Factor	
MHz	dBm	dB	dBm	dB	
1	993.21	-69.68	-56.68	-13.00	38.78

Vertical



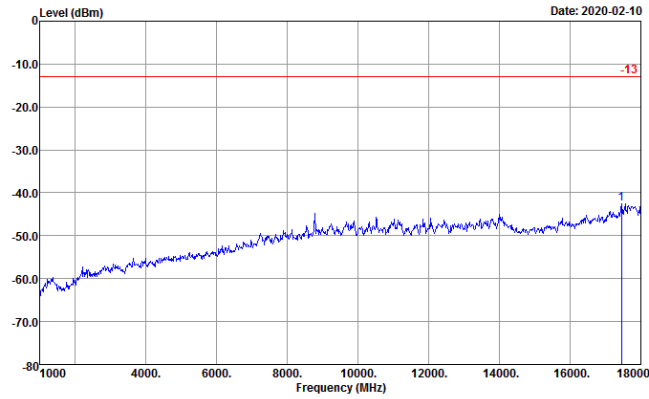
Site : 03CH10-HY
 Condition : -13 EIRP_WO VERTICAL
 Project : 9D0635
 : B151-50M-L-30-16 RSE-1R80-PUSCH-DFT-S

Over	Limit	LISN			
Freq	Level	Limit	Line	Factor	
MHz	dBm	dB	dBm	dB	
1	937.92	-68.69	-55.69	-13.00	40.69



NR Band n261 (1GHz-18GHz)

Horizontal

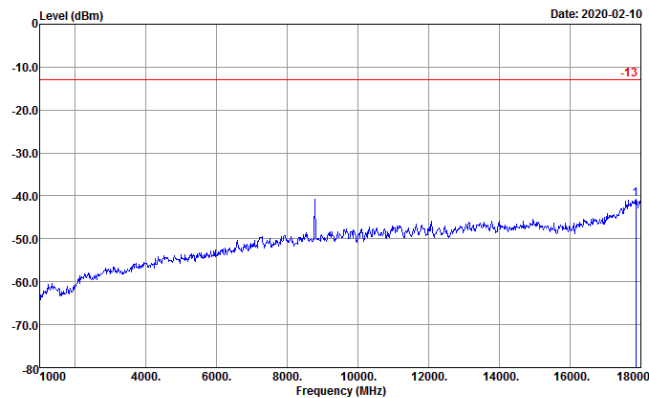


Date: 2020-02-10

Site : 03CH10-HY
Condition : -13 EIRP_WO HORIZONTAL
Project : 9D0635
: B151-50M-L-30-16 RSE-1R80-PUSCH-DFT-S

Freq	Level	Over	Limit	LISN	
MHz	dBm	dB	dBm	dB	
1	17456.00	-42.63	-29.63	-13.00	72.36

Vertical



Date: 2020-02-10

Site : 03CH10-HY
Condition : -13 EIRP_WO VERTICAL
Project : 9D0635
: B151-50M-L-30-16 RSE-1R80-PUSCH-DFT-S

Freq	Level	Over	Limit	LISN	
MHz	dBm	dB	dBm	dB	
1	17864.00	-40.69	-27.69	-13.00	75.27

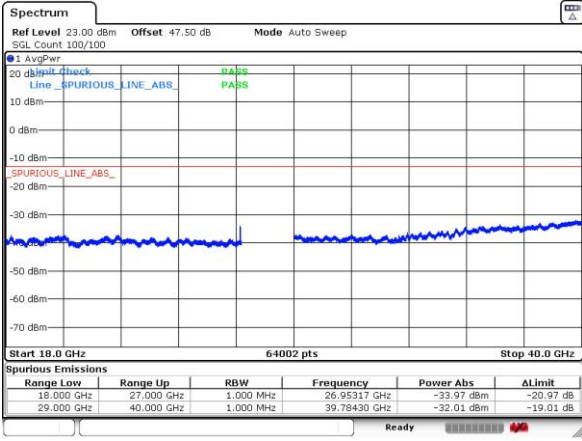


Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

Module 0 AGO

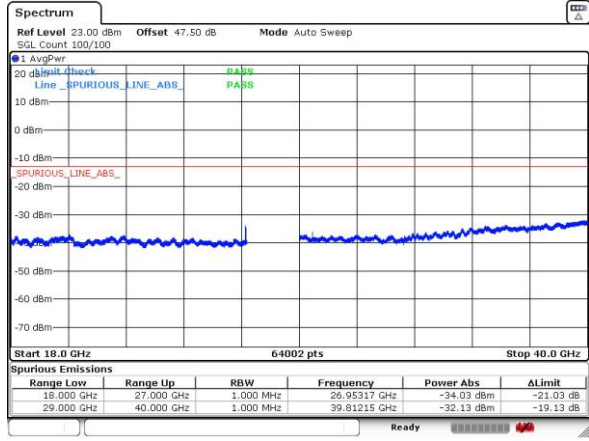
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



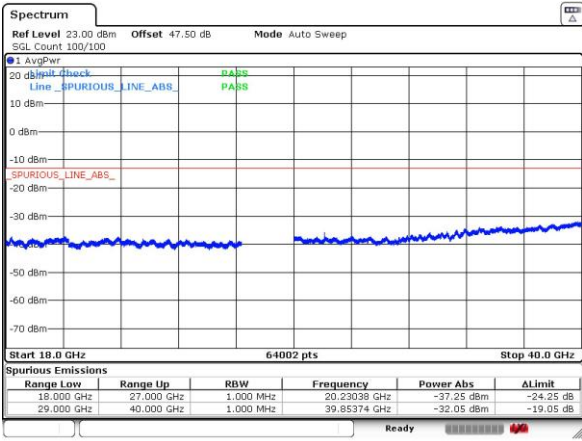
Date: 9.FEB.2020 00:48:18

Lowest Channel / 100MHz



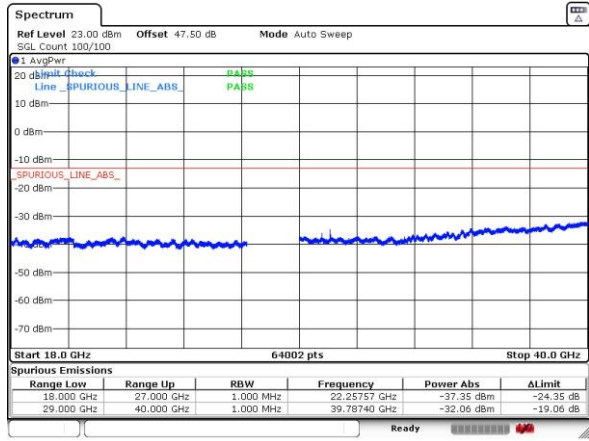
Date: 9.FEB.2020 00:04:02

Middle Channel / 50MHz



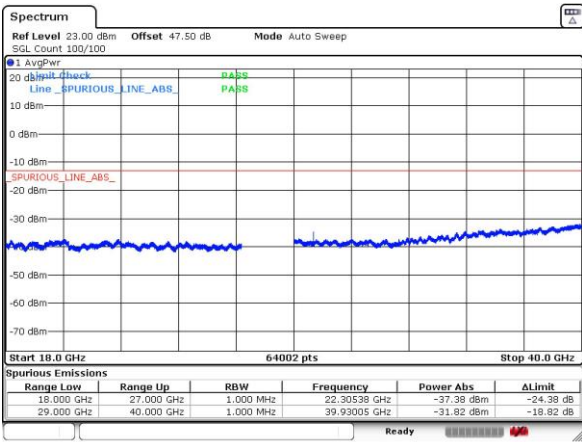
Date: 9.FEB.2020 00:28:12

Middle Channel / 100MHz



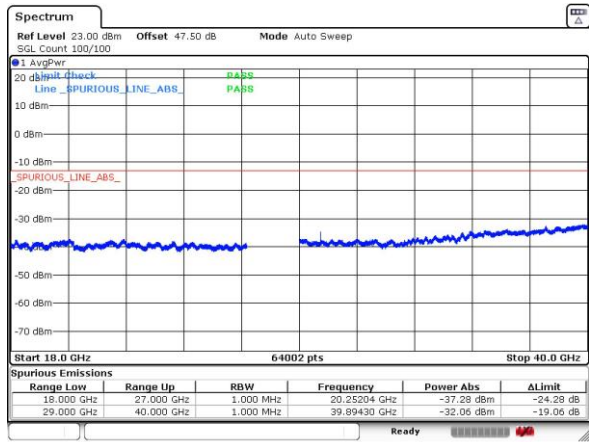
Date: 9.FEB.2020 20:42:05

Highest Channel / 50MHz



Date: 9.FEB.2020 01:00:51

Highest Channel / 100MHz



Date: 9.FEB.2020 00:16:12

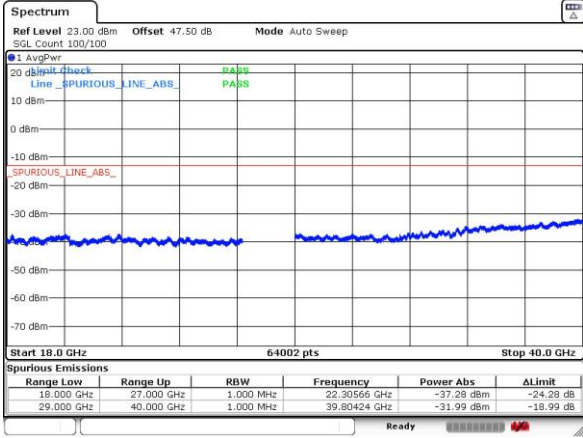
Remark: In band and out of band frequencies are omitted.



Module 0 AGO

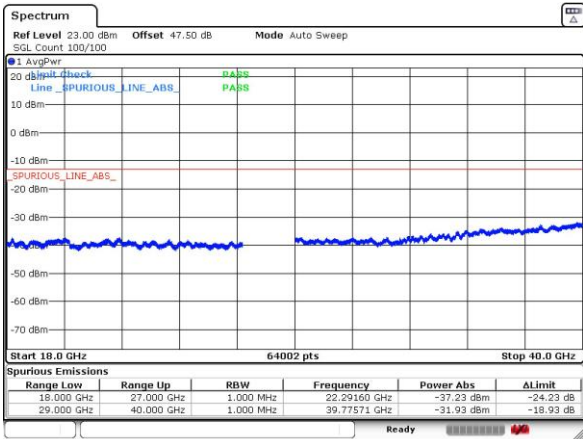
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 400MHz



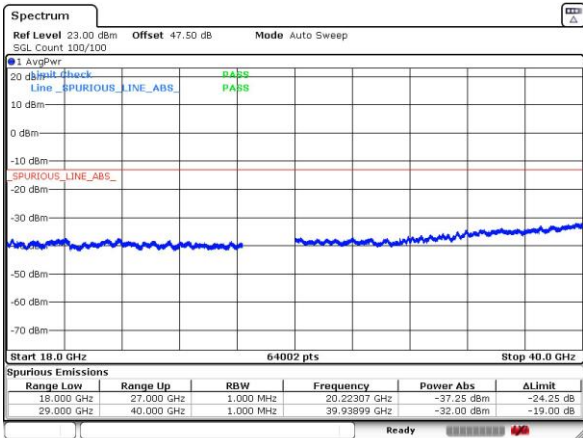
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



intentionally blank

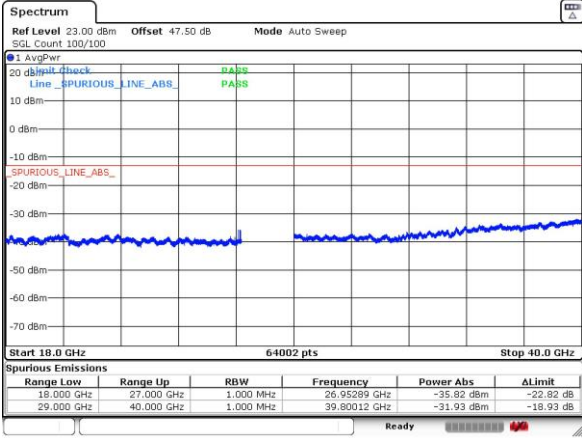
Remark: In band and out of band frequencies are omitted.



Module 0 AG1

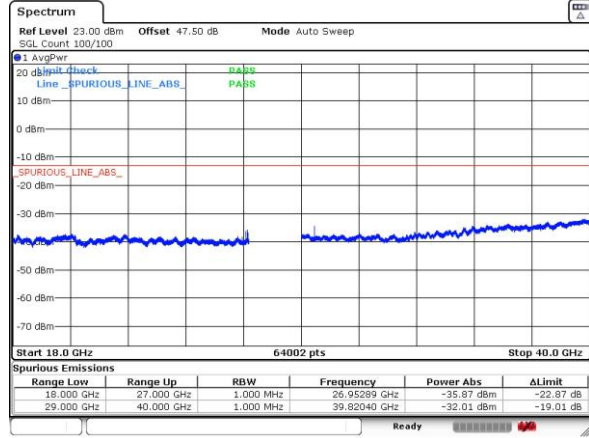
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



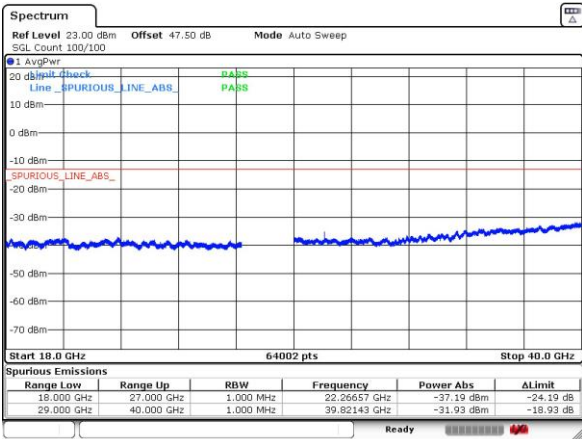
Date: 9.FEB.2020 03:16:42

Lowest Channel / 100MHz



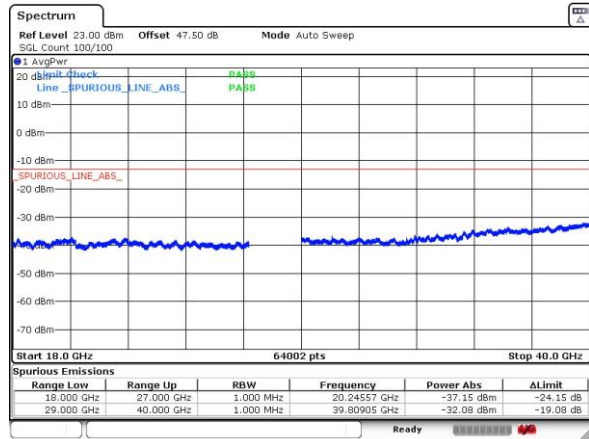
Date: 9.FEB.2020 02:14:56

Middle Channel / 50MHz



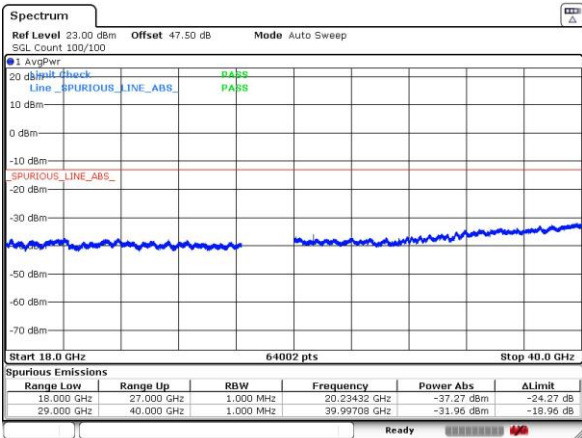
Date: 9.FEB.2020 02:15:16

Middle Channel / 100MHz



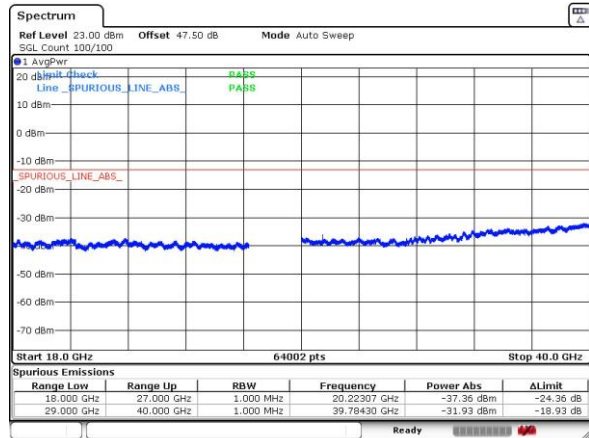
Date: 9.FEB.2020 01:48:25

Highest Channel / 50MHz



Date: 9.FEB.2020 02:18:16

Highest Channel / 100MHz



Date: 9.FEB.2020 02:25:30

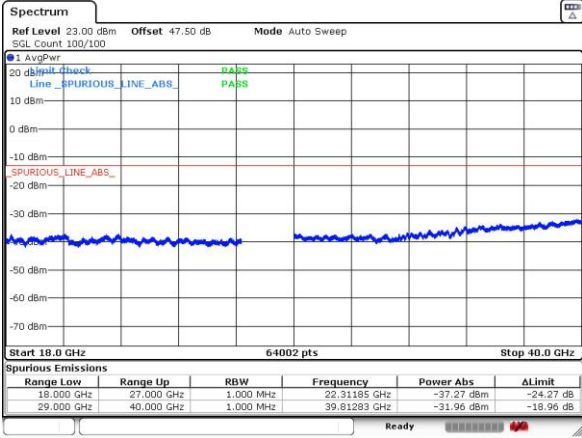
Remark: In band and out of band frequencies are omitted.



Module 0 AG1

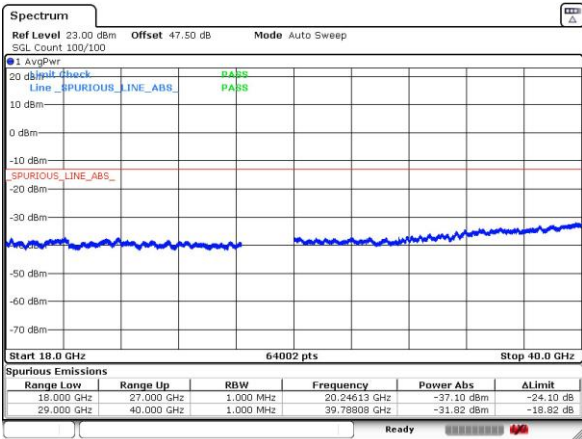
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 400MHz



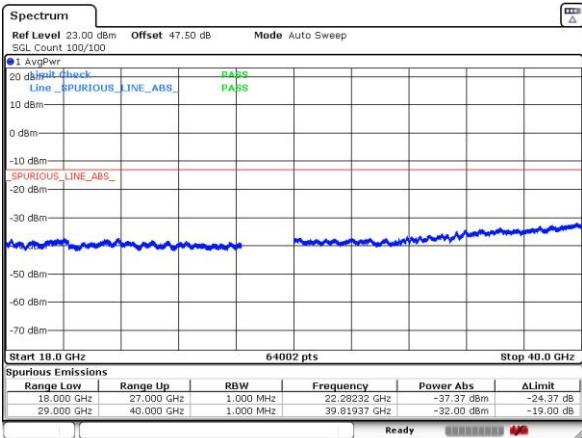
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



intentionally blank

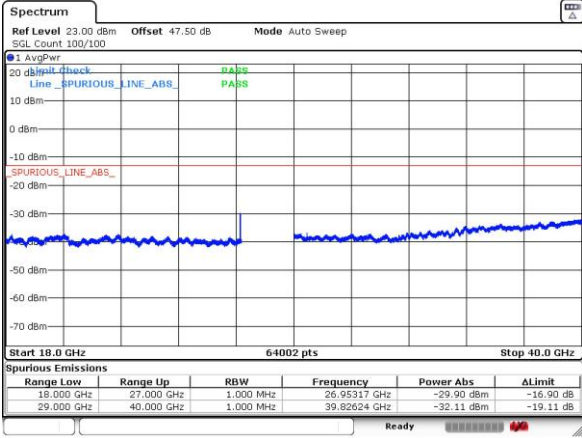
Remark: In band and out of band frequencies are omitted.



Module 1 AGO

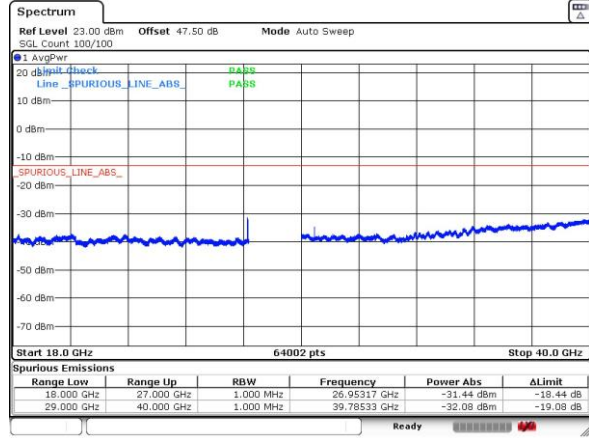
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



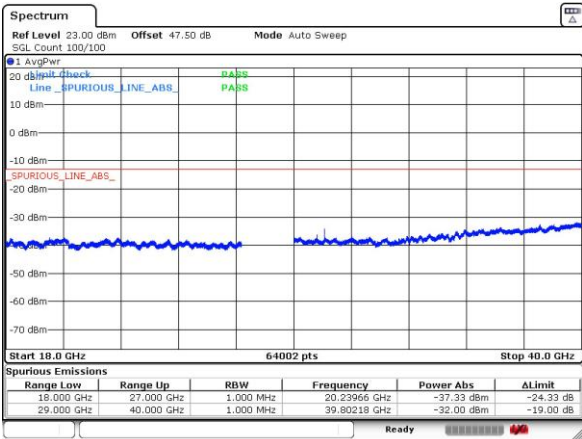
Date: 7.FEB.2020 21:44:41

Lowest Channel / 100MHz



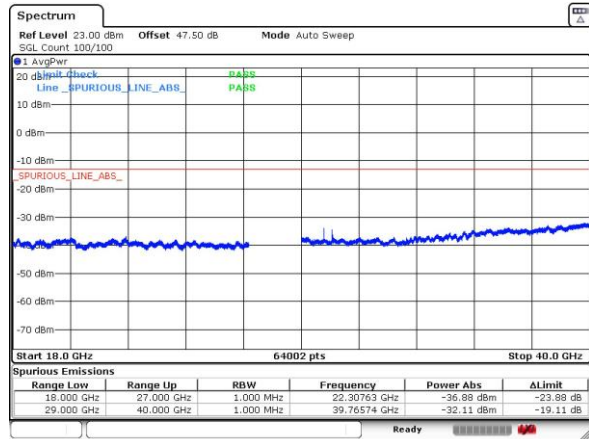
Date: 7.FEB.2020 20:58:33

Middle Channel / 50MHz



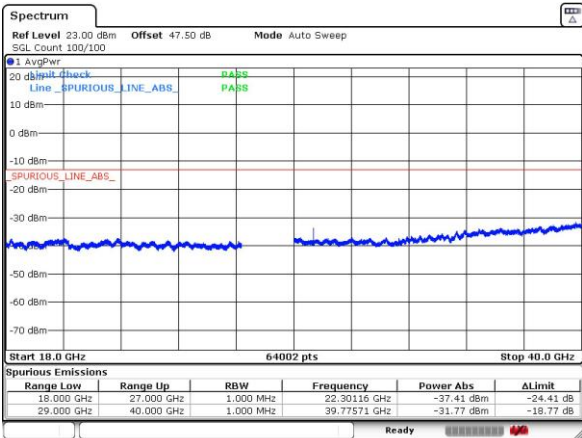
Date: 7.FEB.2020 21:22:19

Middle Channel / 100MHz



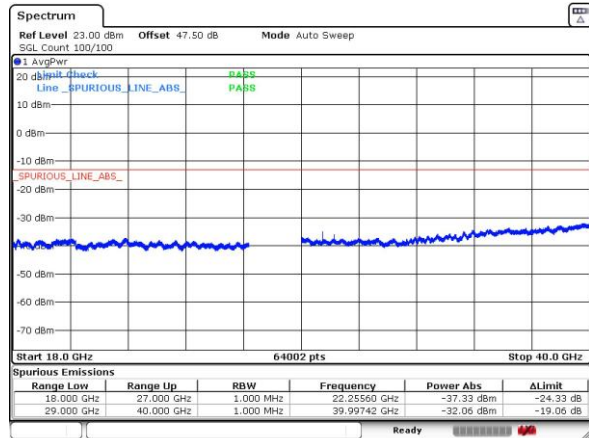
Date: 7.FEB.2020 20:38:13

Highest Channel / 50MHz



Date: 7.FEB.2020 22:00:03

Highest Channel / 100MHz



Date: 7.FEB.2020 21:23:50

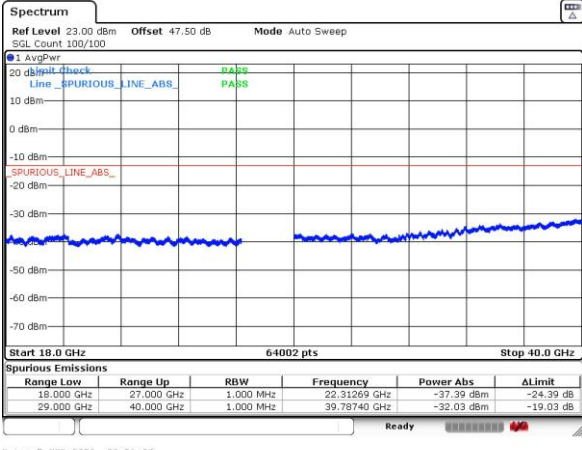
Remark: In band and out of band frequencies are omitted.



Module 1 AG0

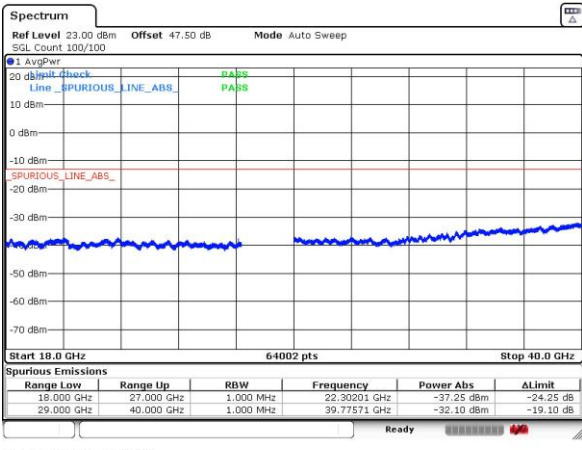
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 400MHz



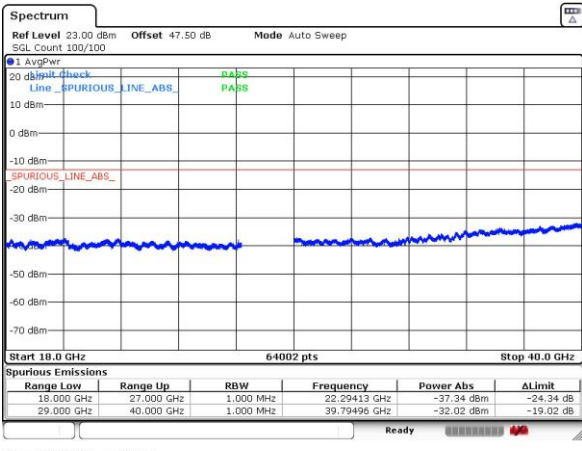
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz



intentionally blank

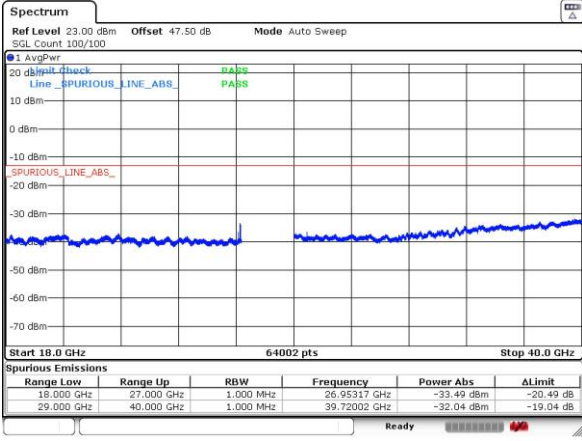
Remark: In band and out of band frequencies are omitted.



Module 1 AG1

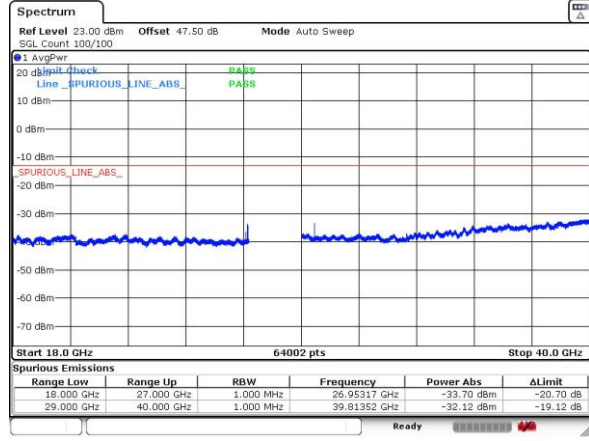
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 50MHz



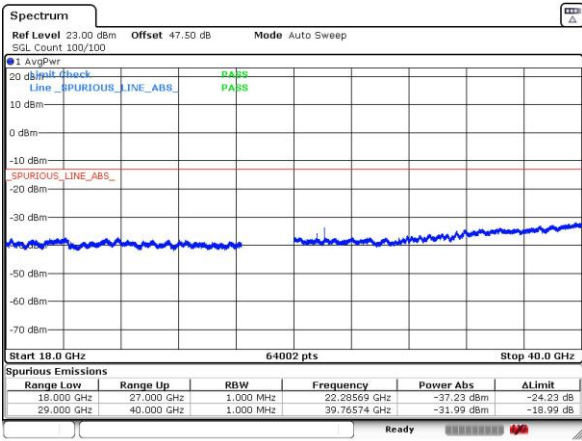
Date: 8.FEB.2020 01:16:48

Lowest Channel / 100MHz



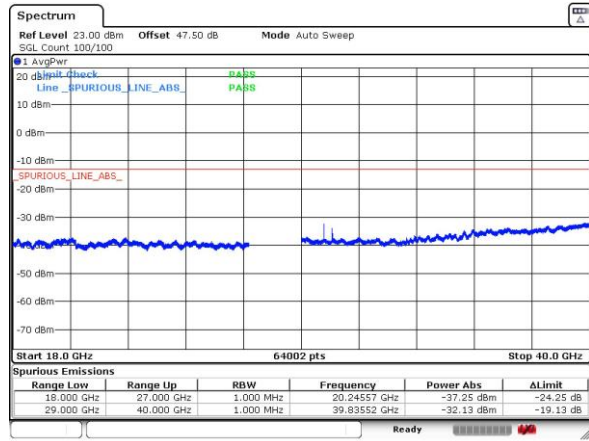
Date: 8.FEB.2020 00:57:10

Middle Channel / 50MHz



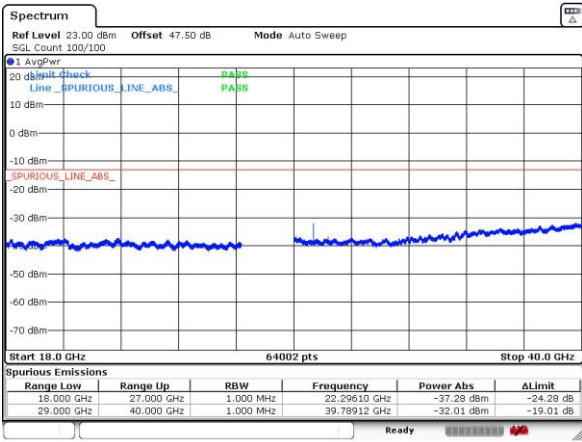
Date: 8.FEB.2020 01:21:38

Middle Channel / 100MHz



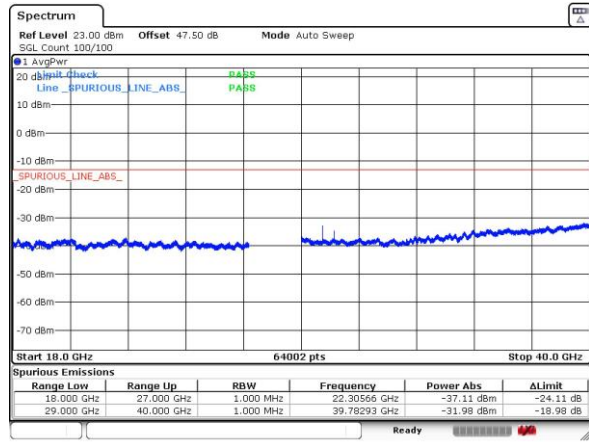
Date: 7.FEB.2020 20:23:54

Highest Channel / 50MHz



Date: 8.FEB.2020 03:14:47

Highest Channel / 100MHz



Date: 8.FEB.2020 01:13:13

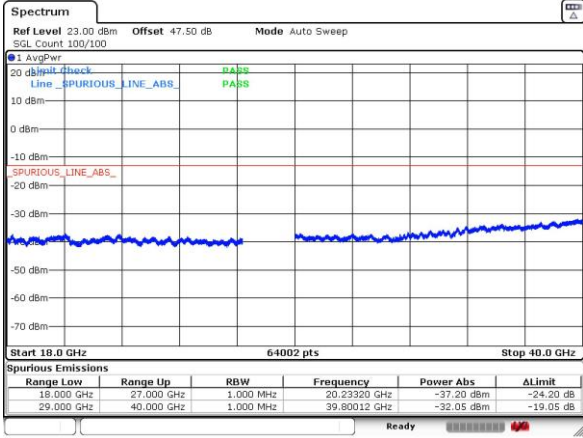
Remark: In band and out of band frequencies are omitted.



Module 1 AG1

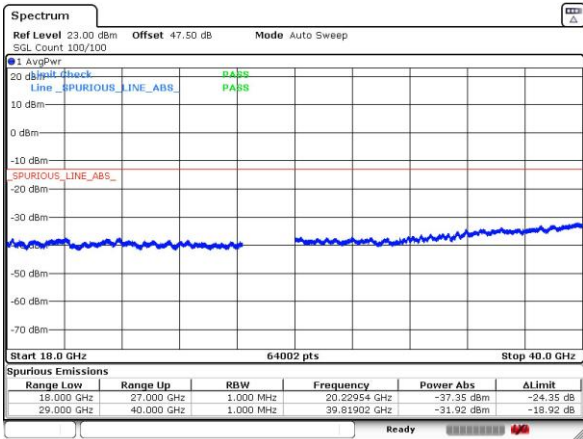
NR Band n261 QPSK (18-40GHz)

Lowest Channel / 400MHz



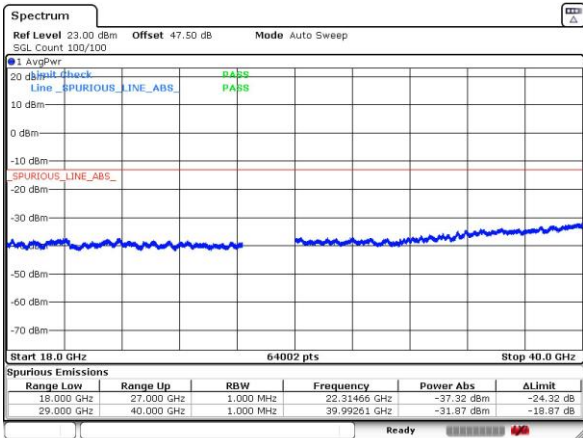
intentionally blank

Middle Channel / 400MHz



intentionally blank

Highest Channel / 400MHz

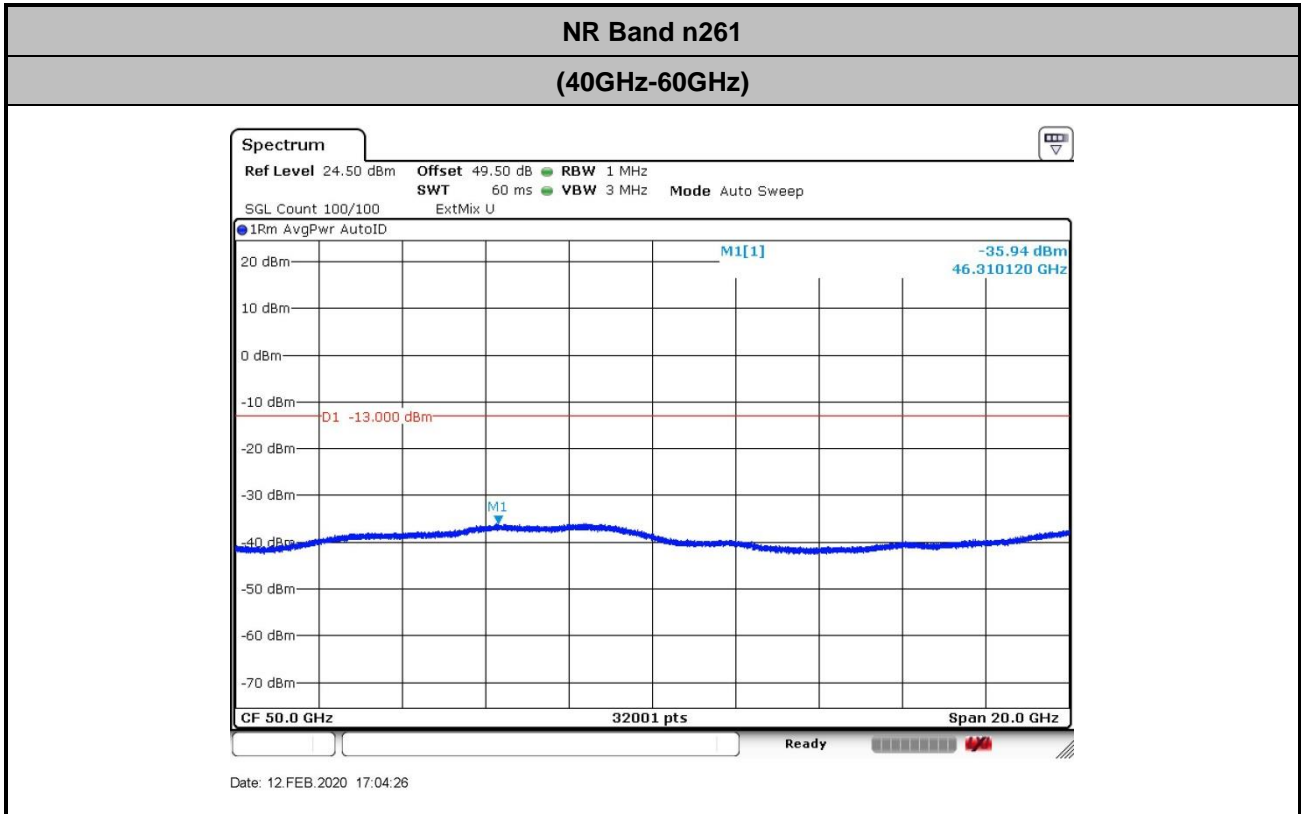


intentionally blank

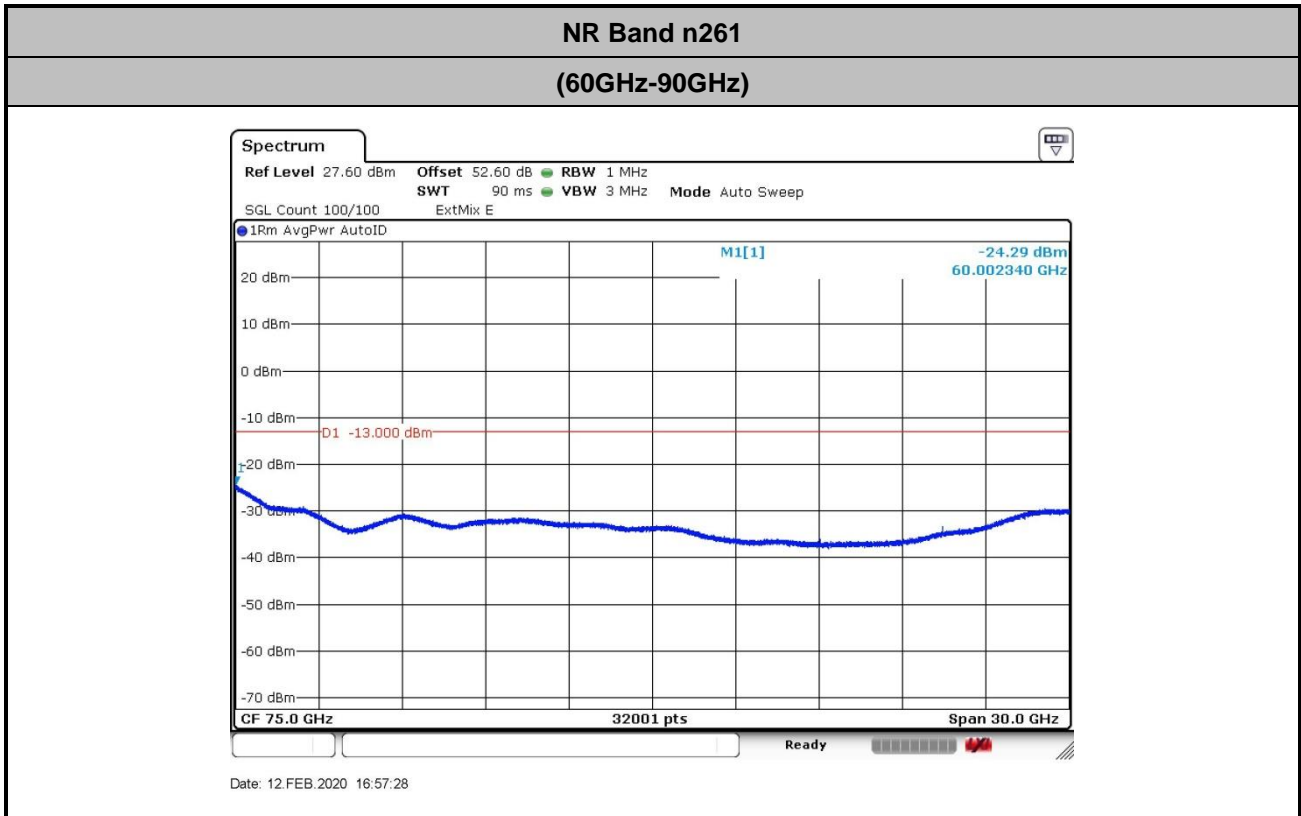
Remark: In band and out of band frequencies are omitted.



There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz.
Only the noise floor is reported.



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 + 3\text{dB dual beam factor} \\ &= 42.3 + 2 + 107 + 20\log(1) - 104.8 + 3 = 49.5 \text{ (dB)} \end{aligned}$$



$$\begin{aligned} \text{Offset} &= \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 107 + 20\log(D) - 104.8 + 3\text{dB dual beam factor} \\ &= 45.4 + 2 + 107 + 20\log(1) - 104.8 + 3 = 49.6 \text{ (dB)} \end{aligned}$$