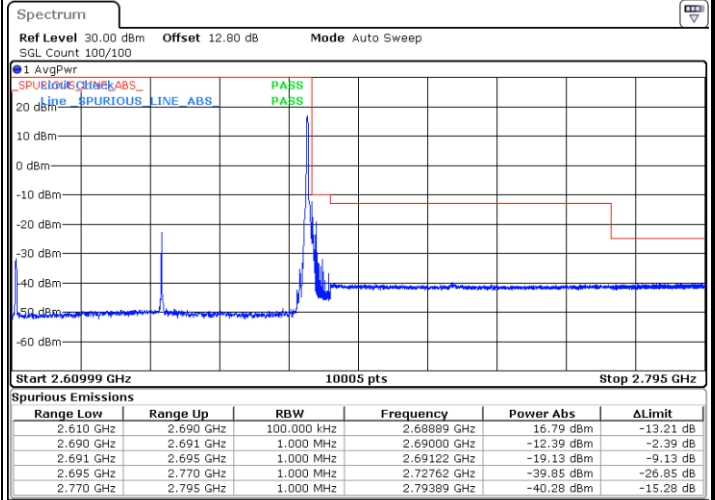
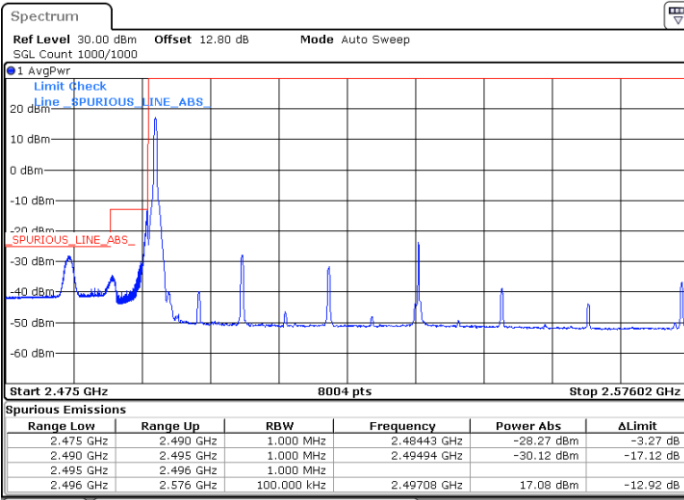




FR1 n41 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

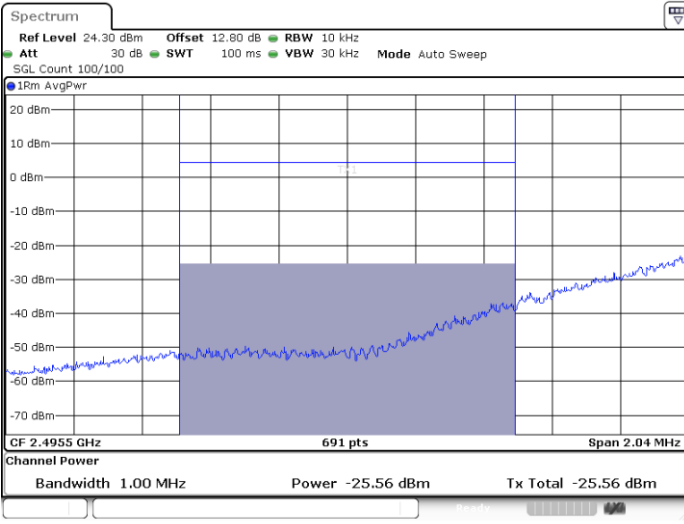
Highest Band Edge / 1RBmax

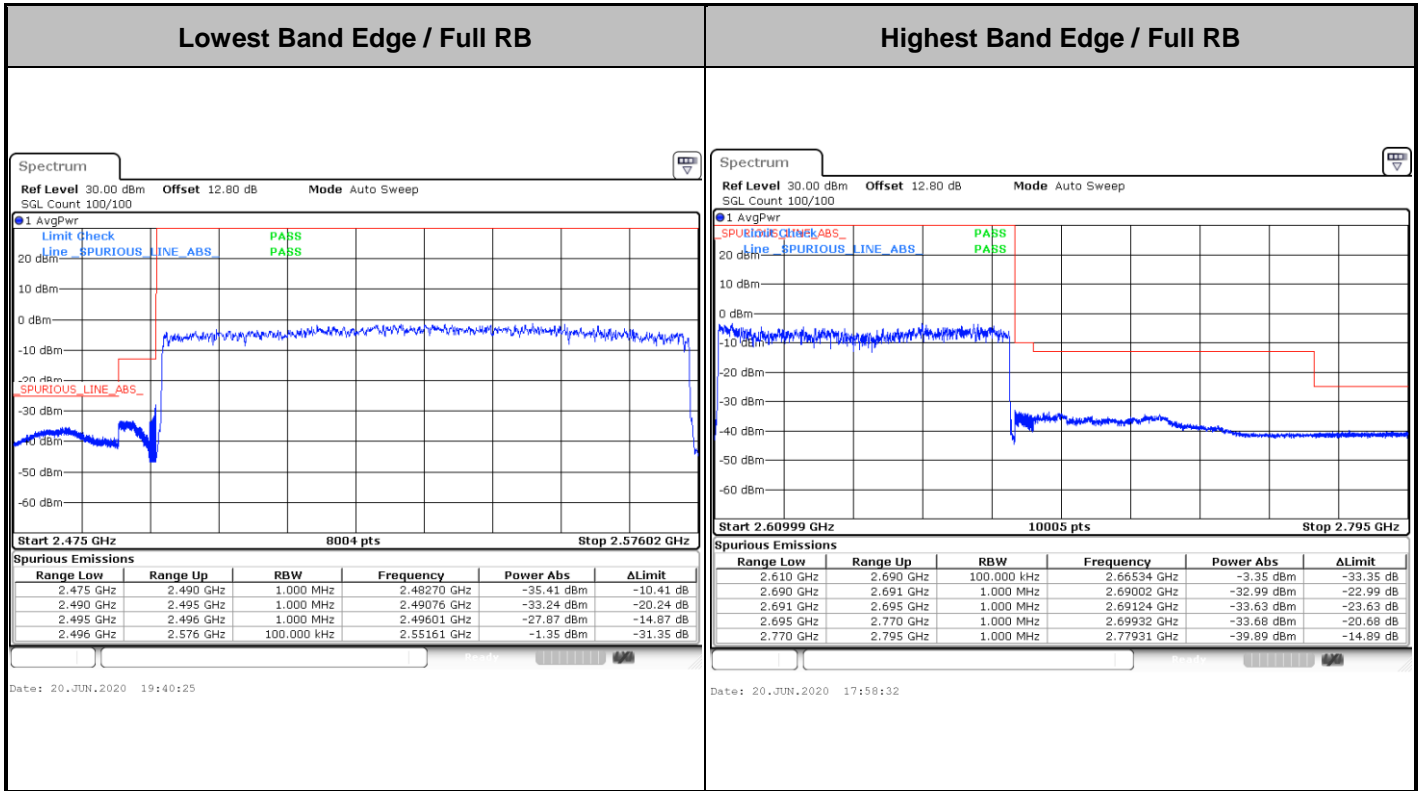


Date: 20 JUN 2020 21:13:42

Date: 20 JUN 2020 19:12:22

Channel Power -25.56dBm < -13dBm (Pass)



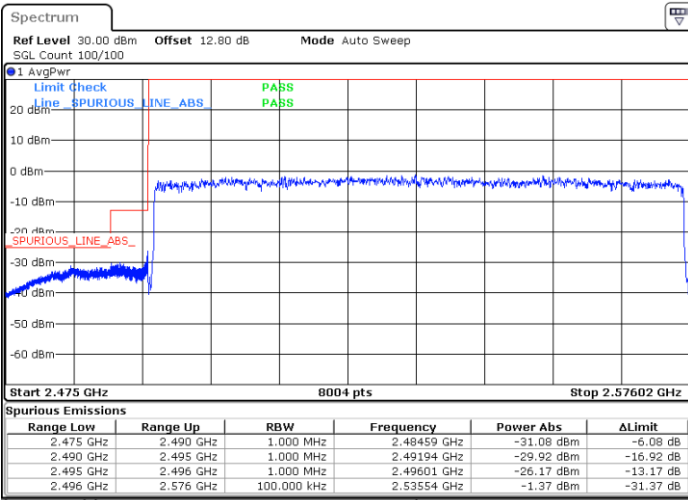




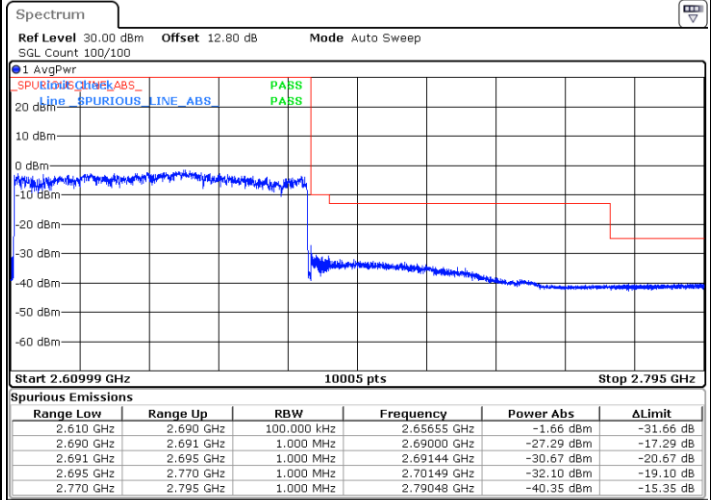
FR1 n41 / 80MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.JUN.2020 21:19:22

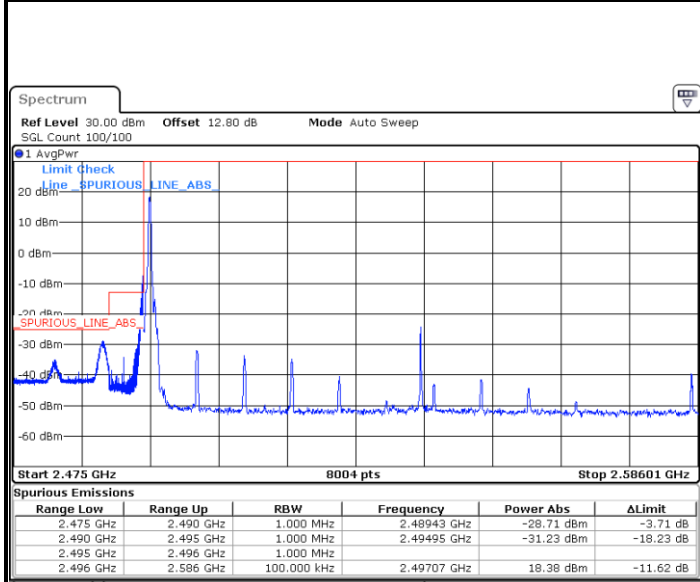


Date: 20.JUN.2020 19:21:01



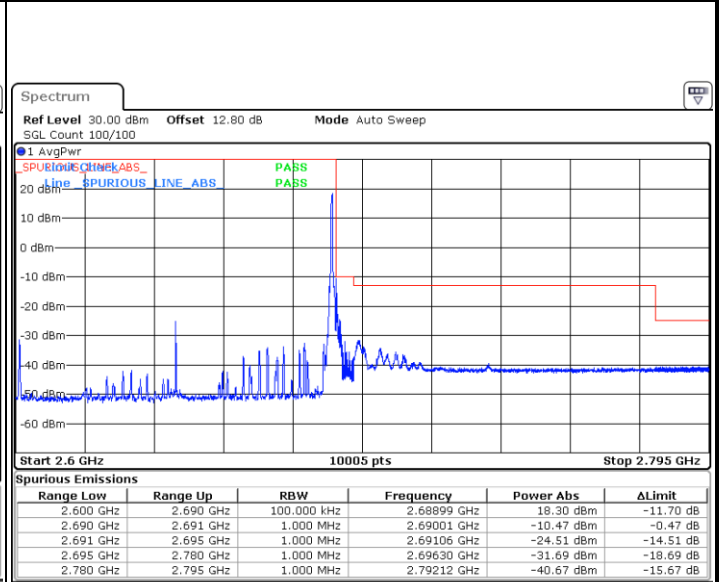
FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



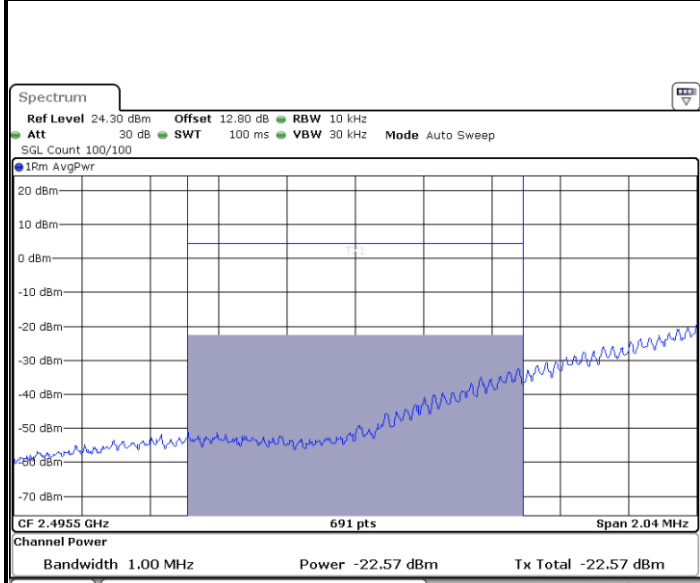
Date: 20 JUN 2020 05:29:27

Highest Band Edge / 1RBmax



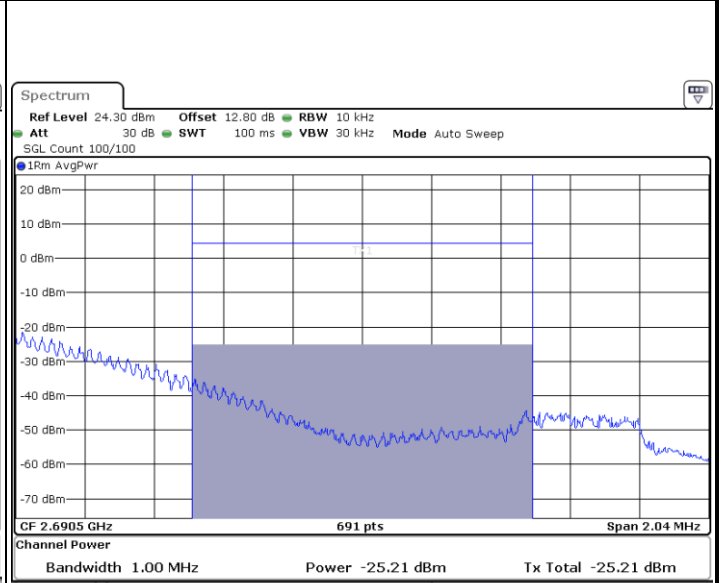
Date: 20 JUN 2020 04:43:08

Channel Power -22.57dBm < -13dBm (Pass)

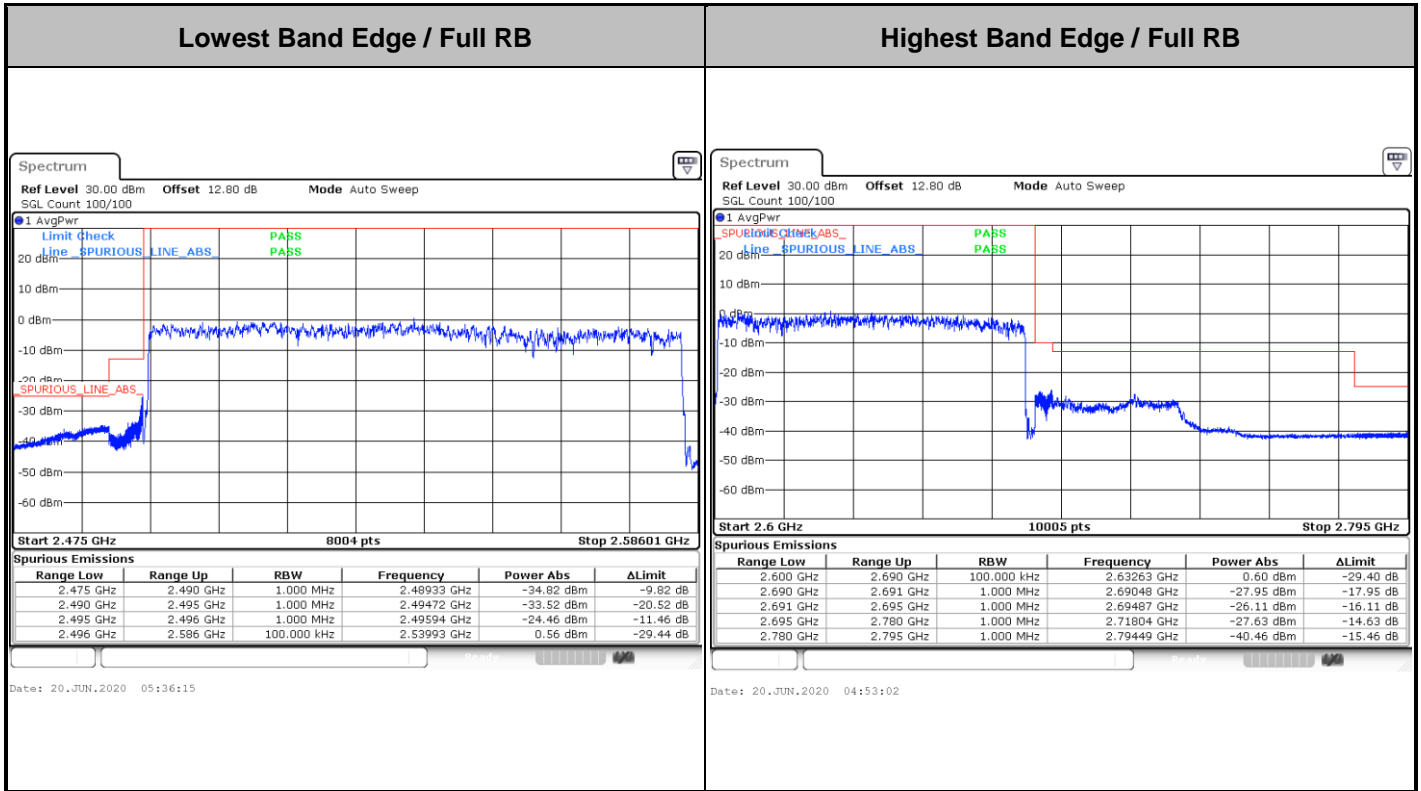


Date: 20 JUN 2020 05:32:19

Channel Power -25.21dBm < -10dBm (Pass)



Date: 20 JUN 2020 04:47:33

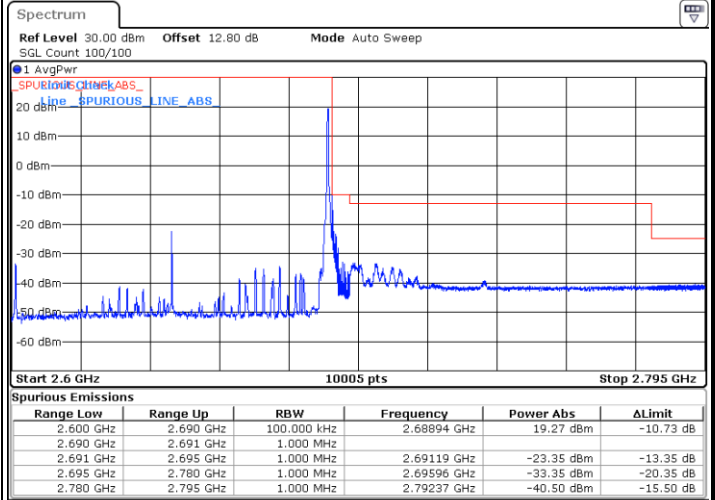
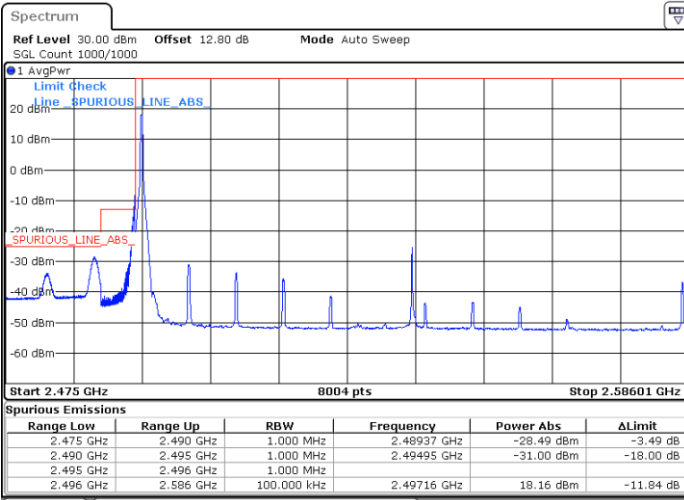




FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

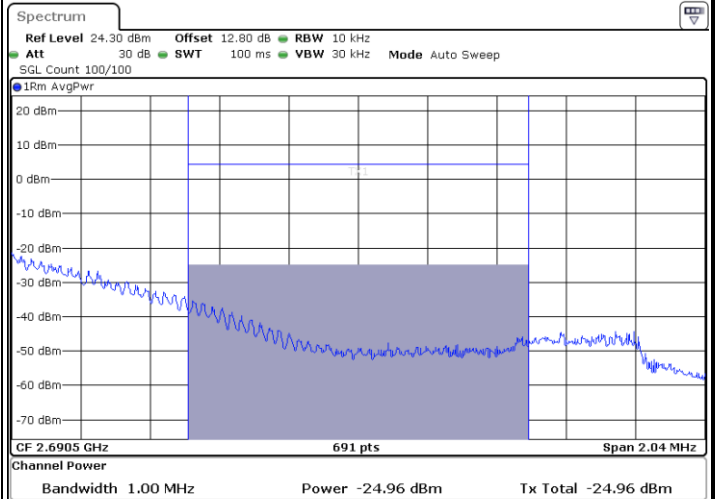
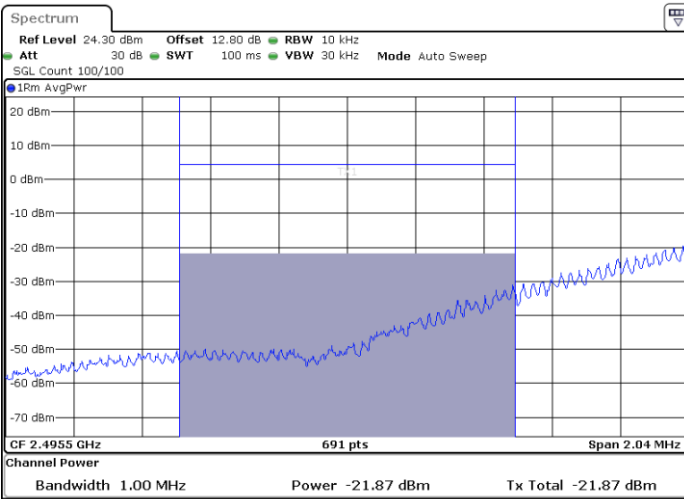


Date: 20 JUN.2020 05:39:33

Date: 20 JUN.2020 04:26:55

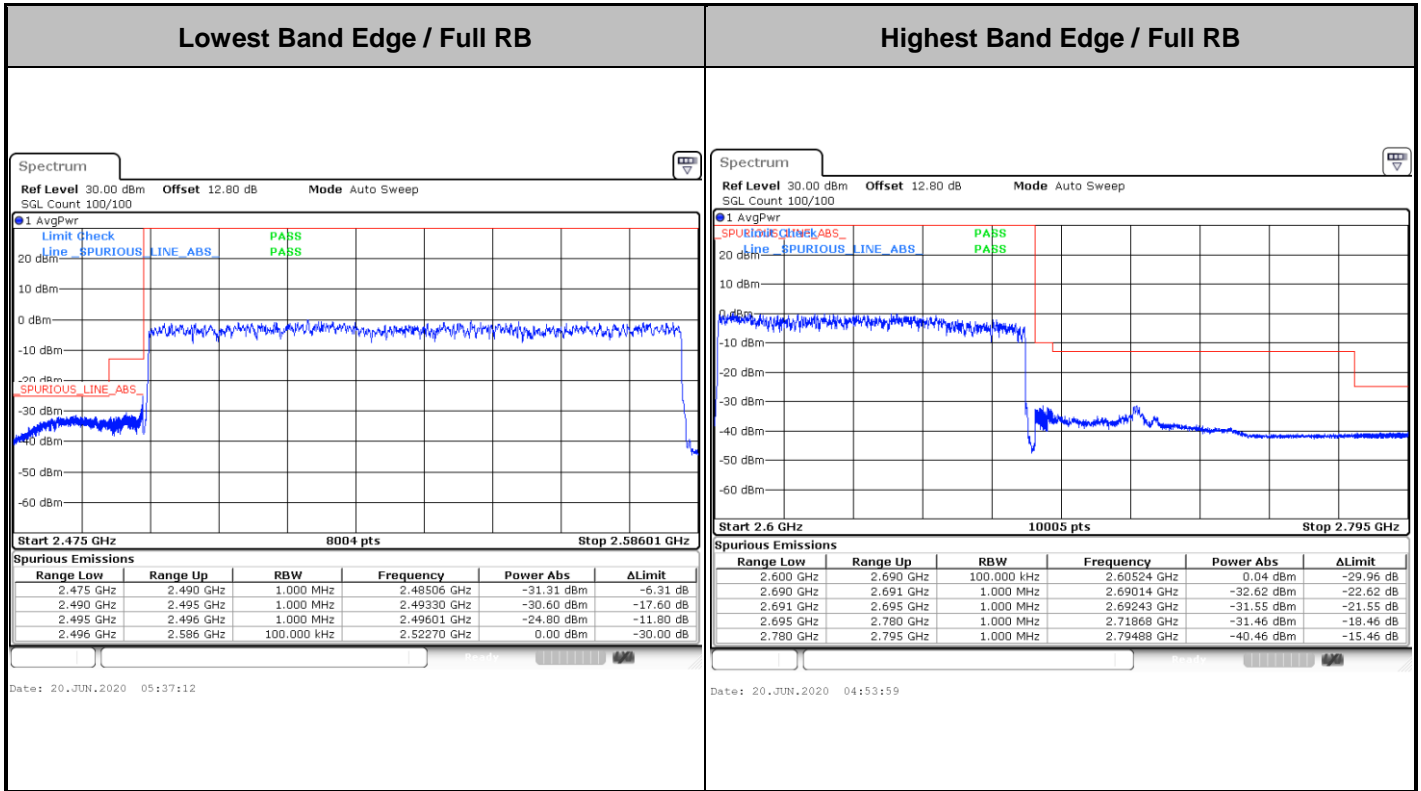
Channel Power -21.87dBm < -13dBm (Pass)

Channel Power -24.96dBm < -10dBm (Pass)



Date: 20 JUN.2020 05:41:21

Date: 20 JUN.2020 04:37:28

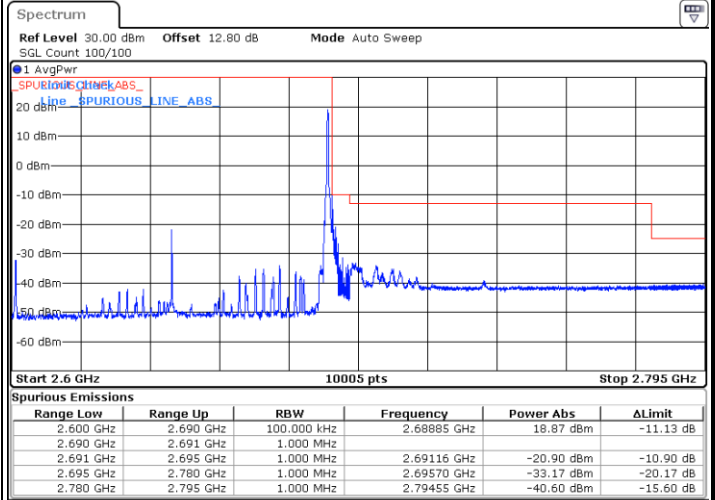
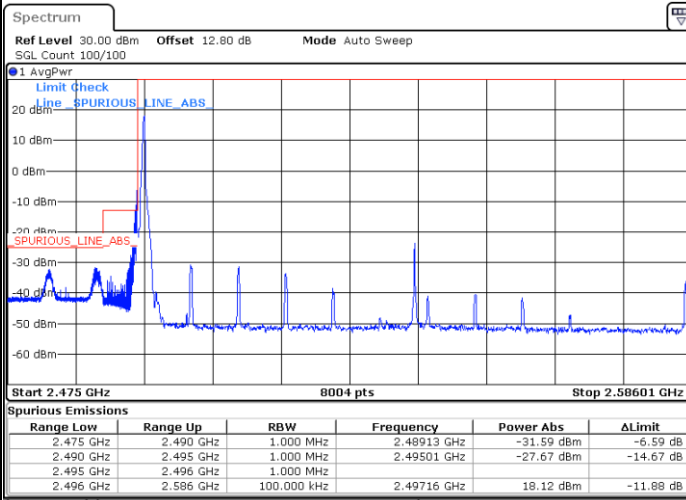




FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

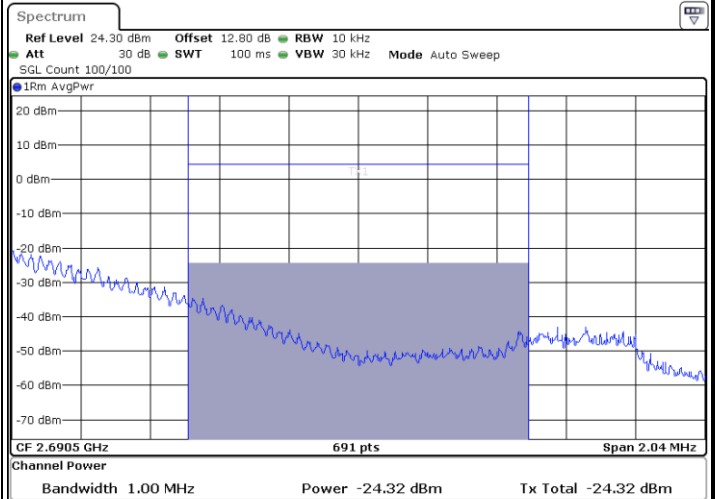
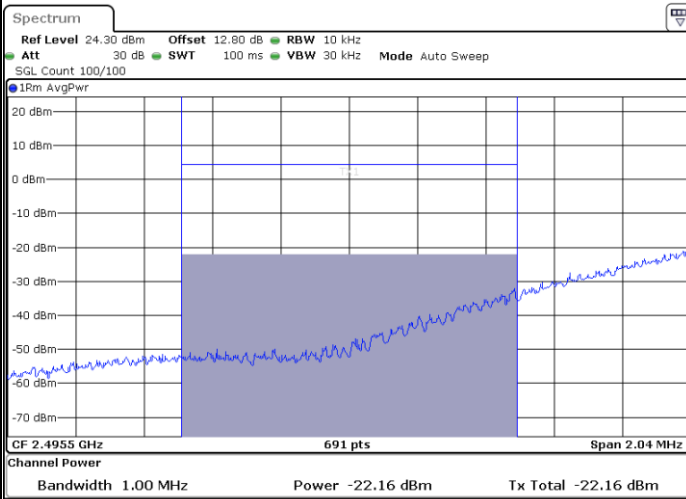


Date: 20 JUN.2020 06:14:57

Date: 20 JUN.2020 05:01:48

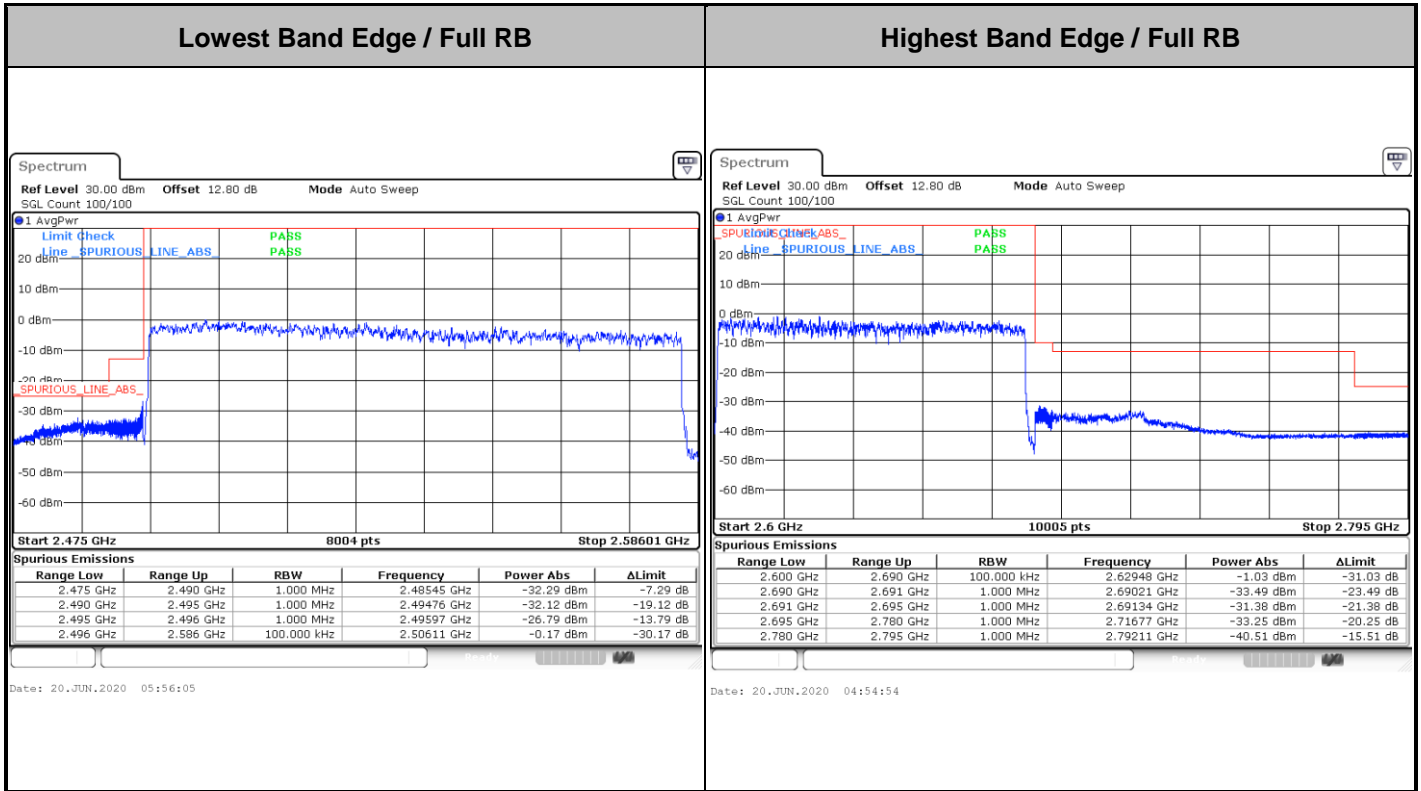
Channel Power -22.16dBm < -13dBm (Pass)

Channel Power -24.32dBm < -10dBm (Pass)



Date: 20 JUN.2020 07:06:45

Date: 20 JUN.2020 05:05:02

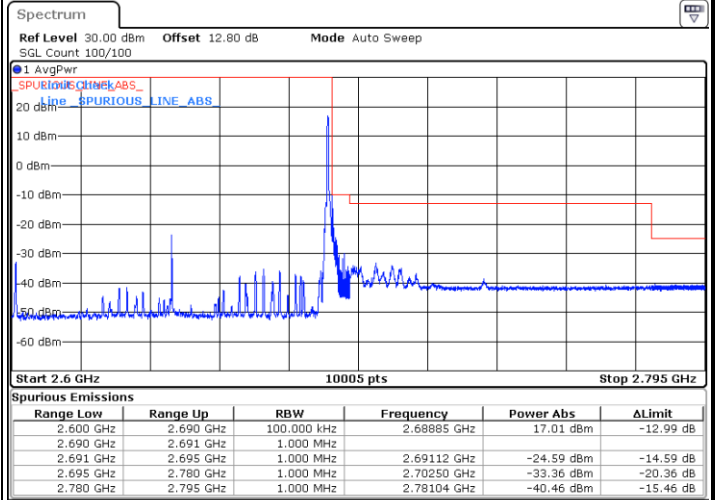
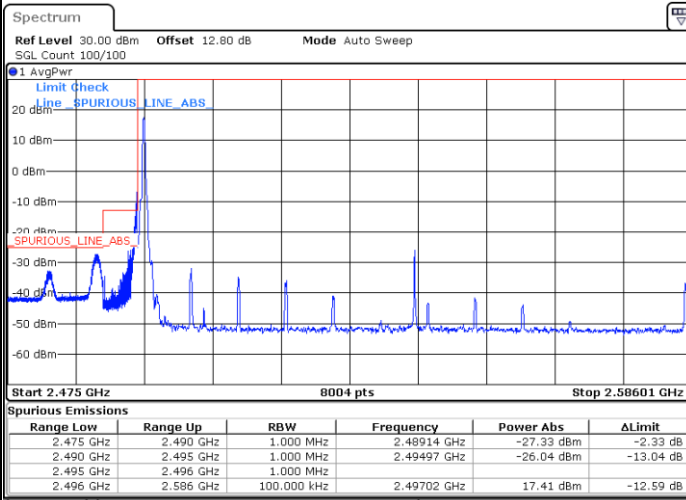




FR1 n41 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

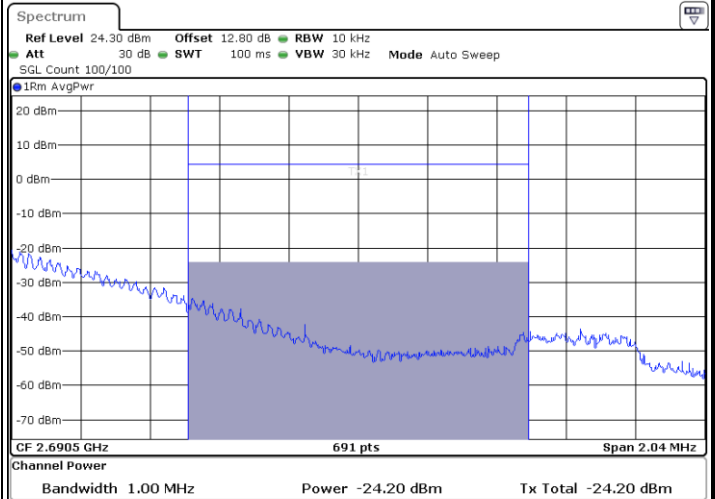
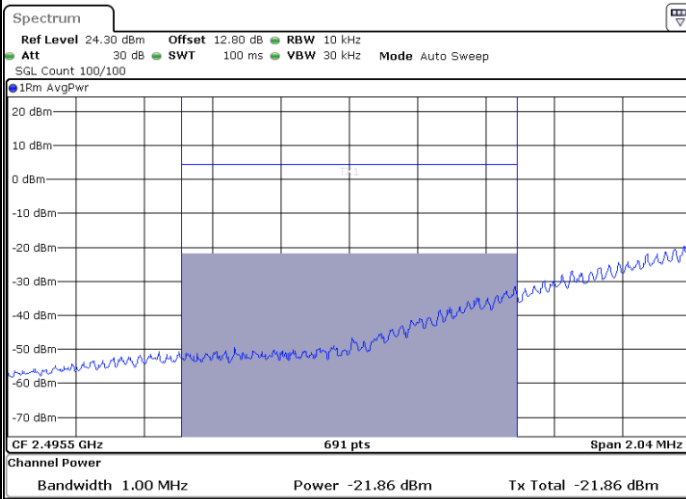


Date: 20 JUN.2020 06:16:08

Date: 20 JUN.2020 05:09:10

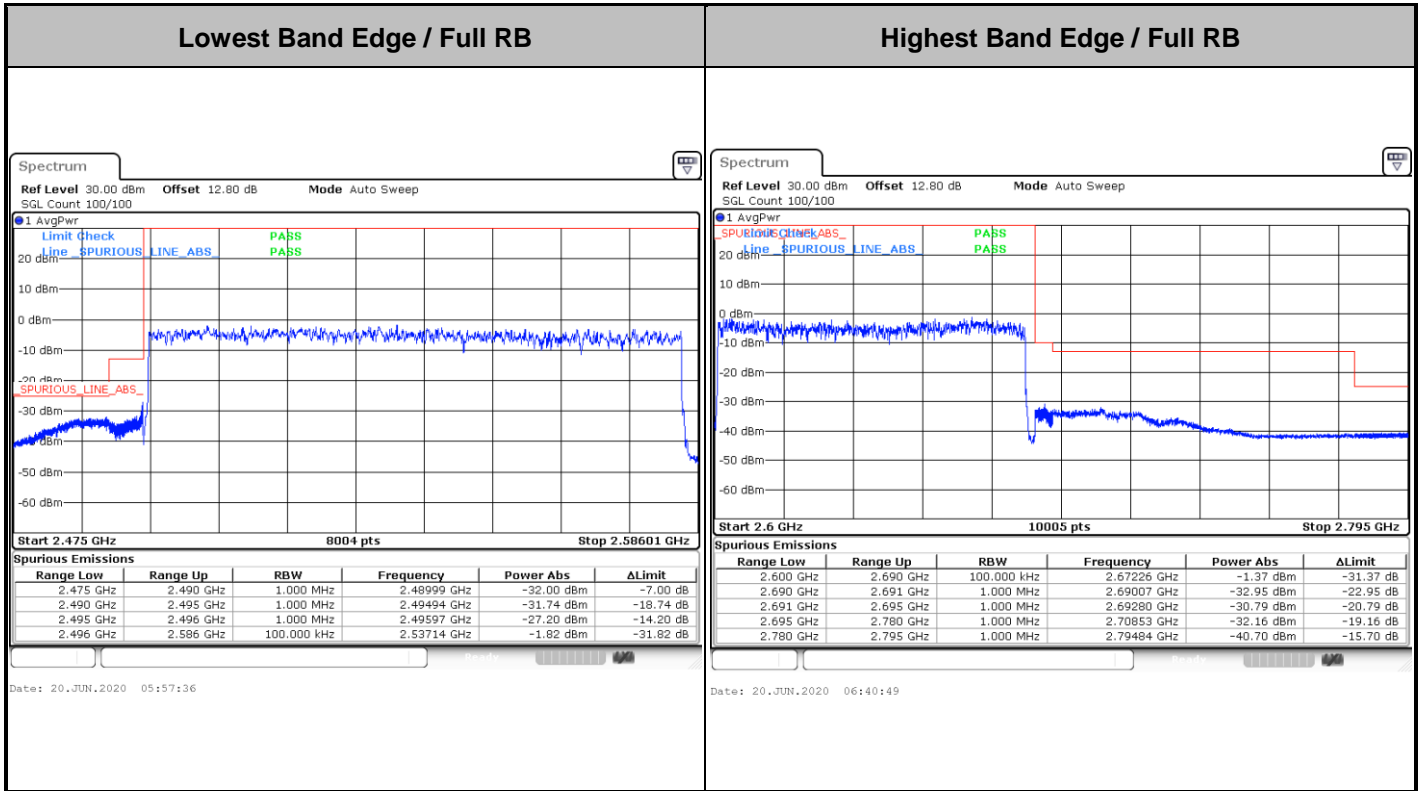
Channel Power -21.86dBm < -13dBm (Pass)

Channel Power -24.20dBm < -10dBm (Pass)



Date: 20 JUN.2020 06:01:53

Date: 20 JUN.2020 05:12:39

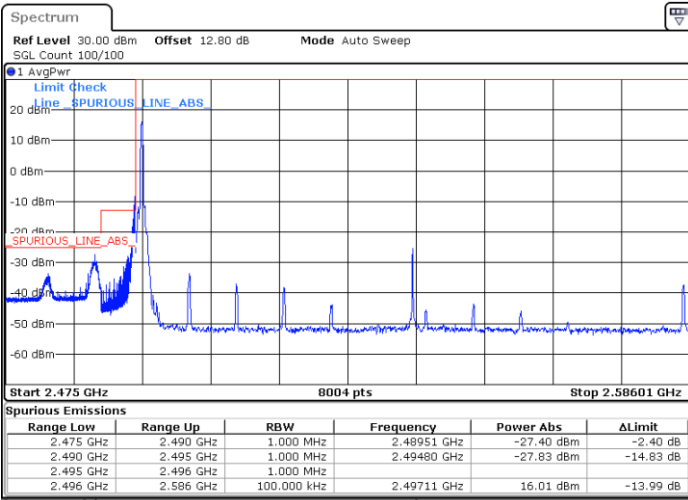




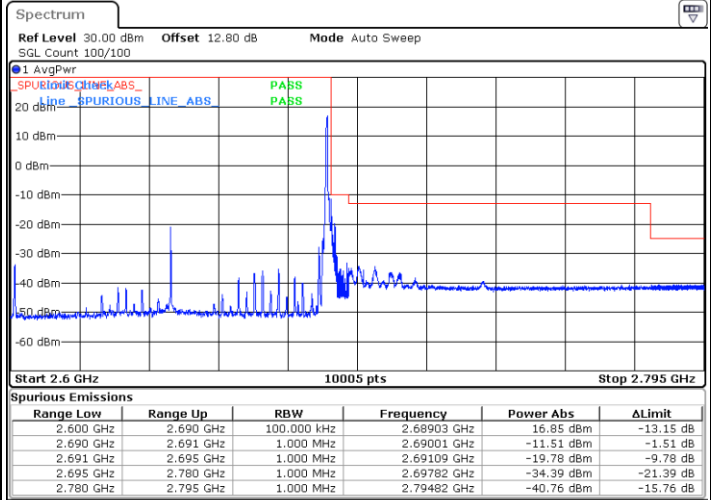
FR1 n41 / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

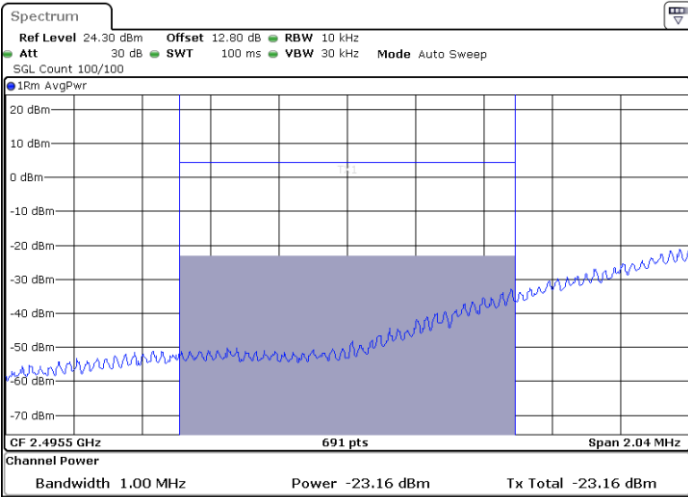


Date: 20 JUN 2020 06:04:37

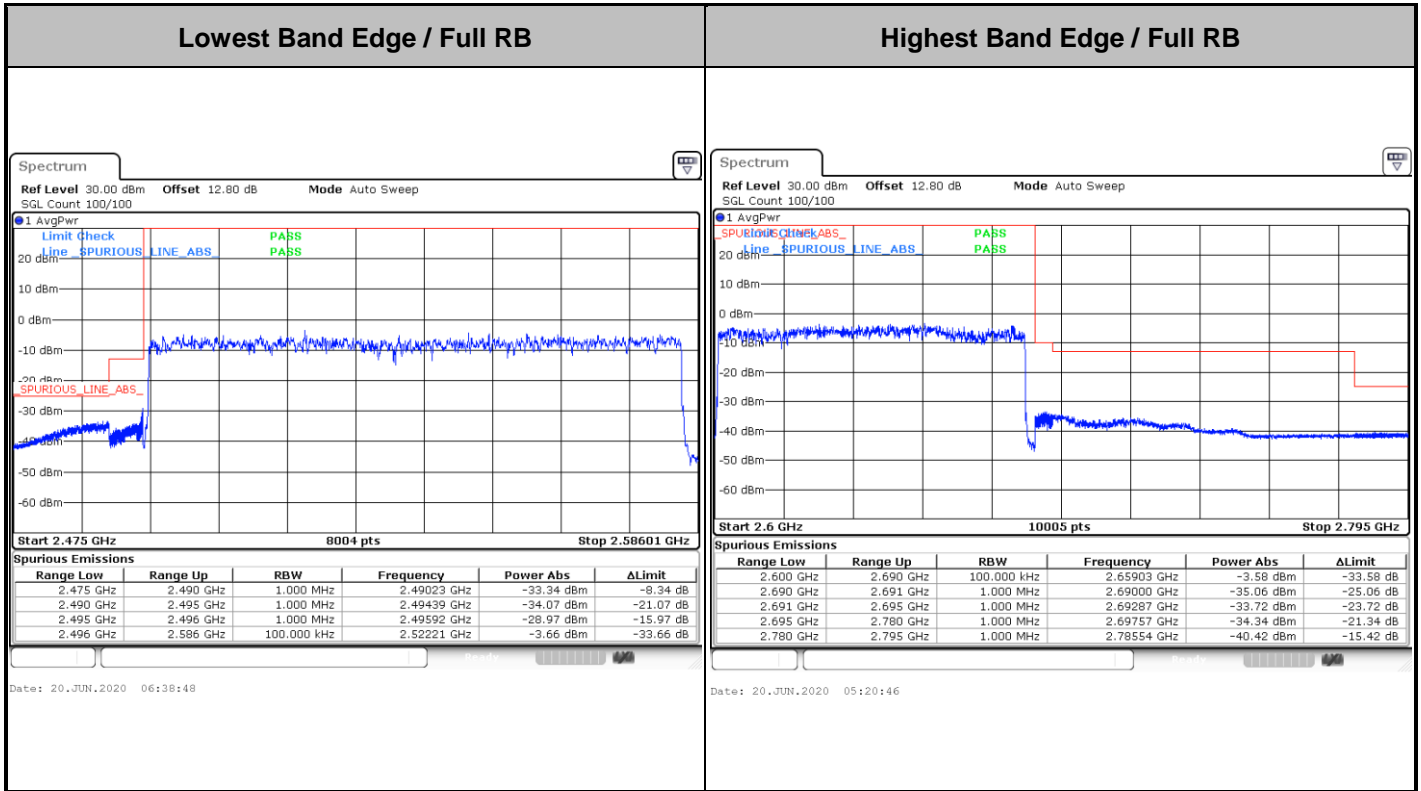


Date: 20 JUN 2020 05:19:27

Channel Power -23.16dBm < -13dBm (Pass)



Date: 20 JUN 2020 06:08:12

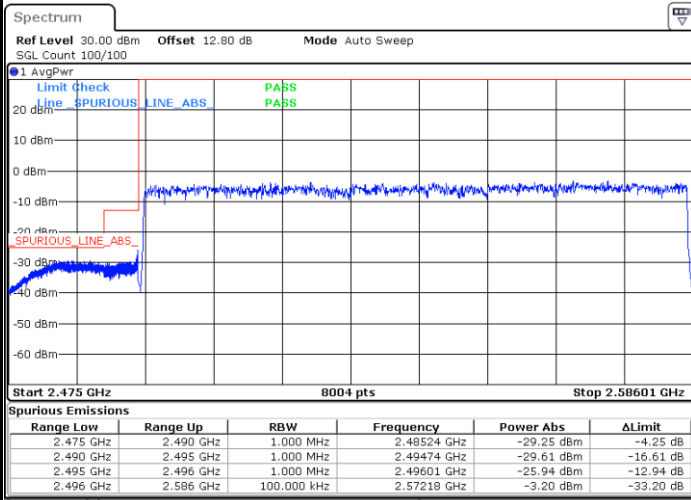




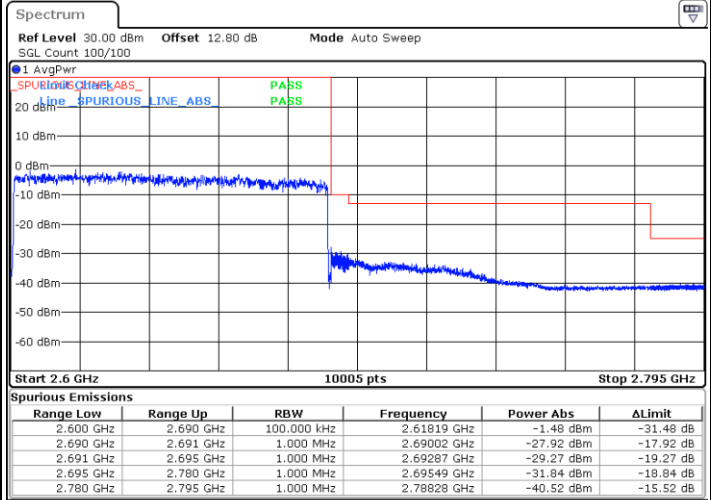
FR1 n41 / 90MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20 JUN 2020 05:25:12



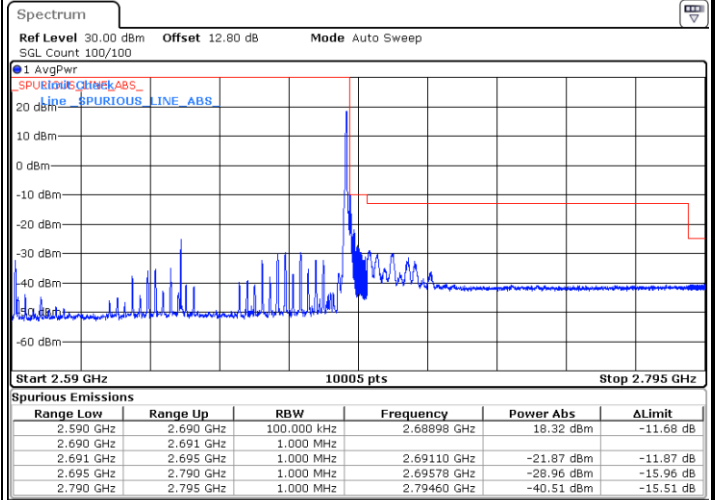
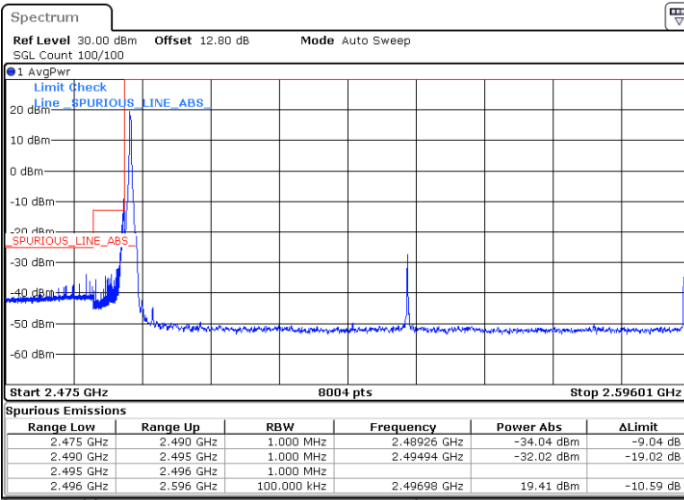
Date: 20 JUN 2020 05:23:29



FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

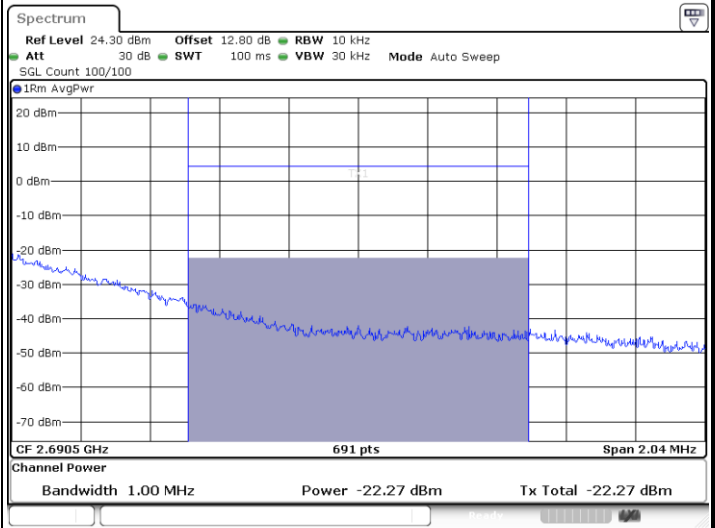
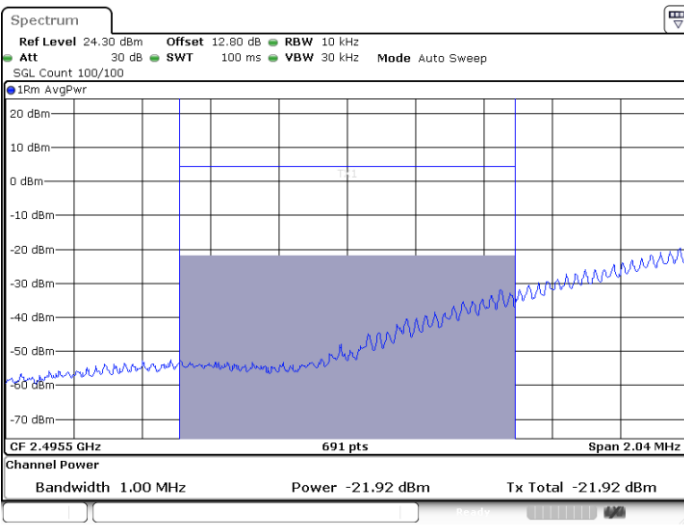


Date: 19 JUN 2020 14:16:11

Date: 19 JUN 2020 18:03:07

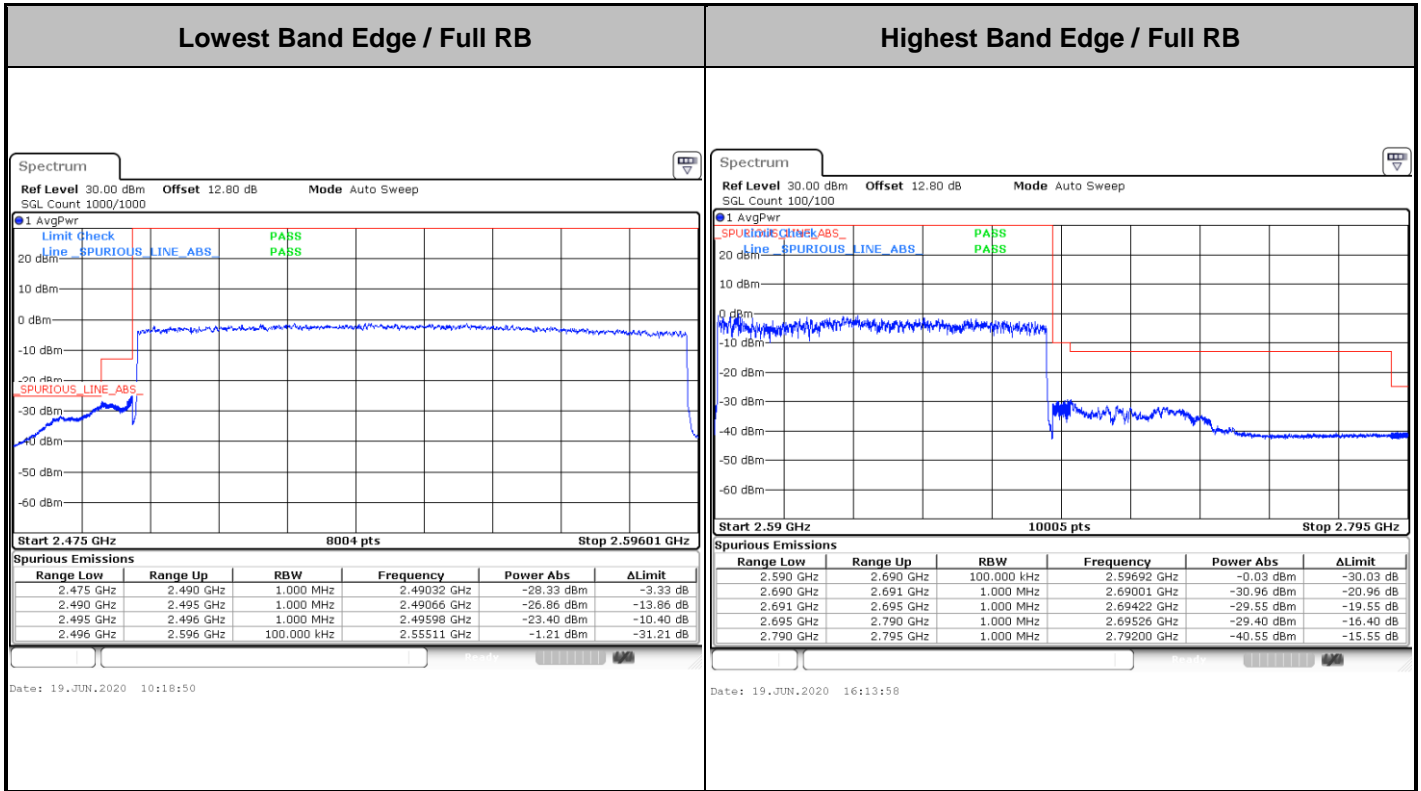
Channel Power -21.92dBm < -13dBm (Pass)

Channel Power -22.27dBm < -10dBm (Pass)



Date: 19 JUN 2020 14:19:31

Date: 19 JUN 2020 19:13:41

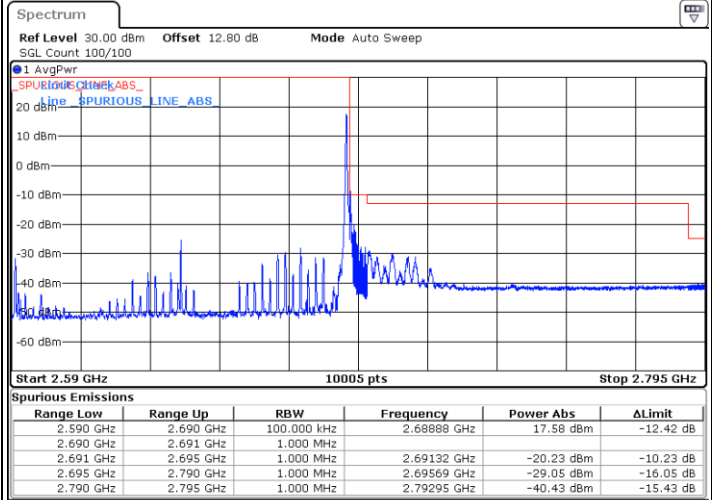
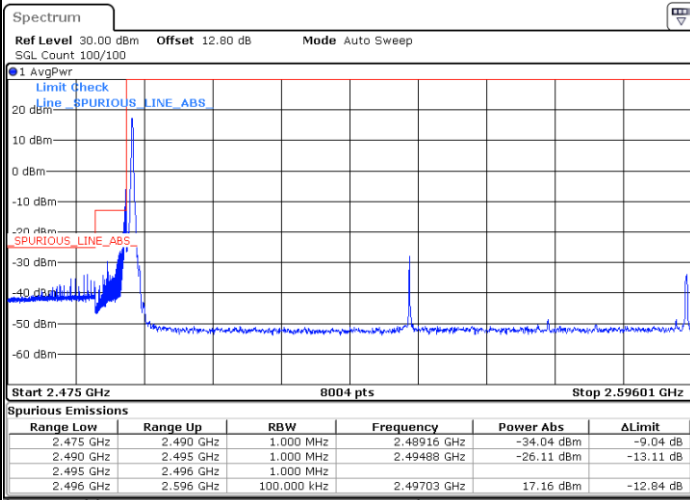




FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

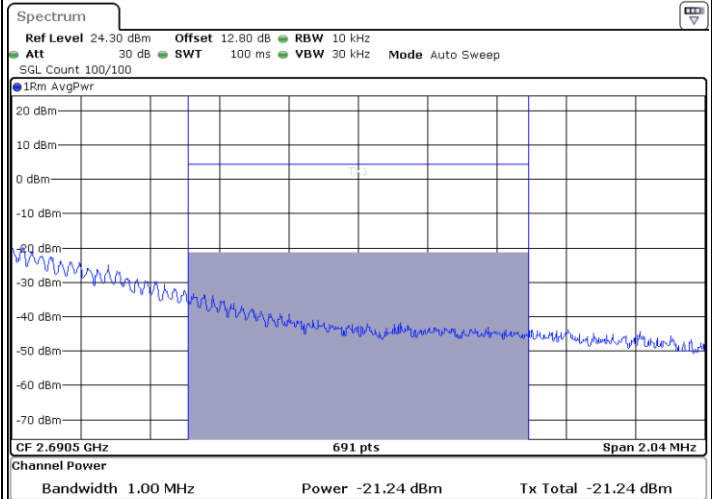
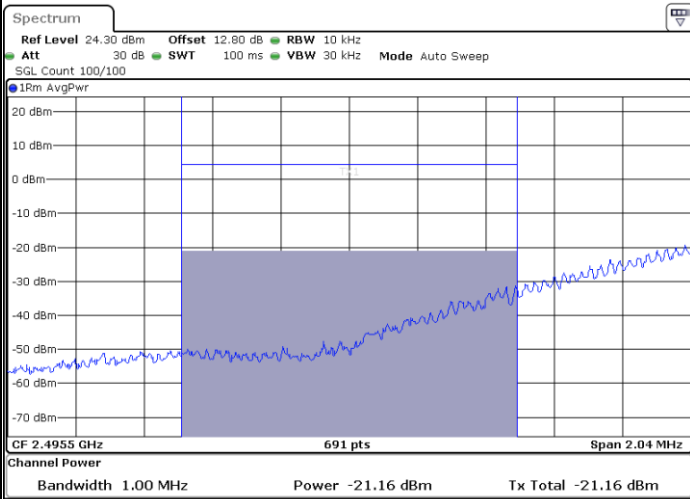


Date: 19 JUN.2020 14:12:27

Date: 19 JUN.2020 17:58:59

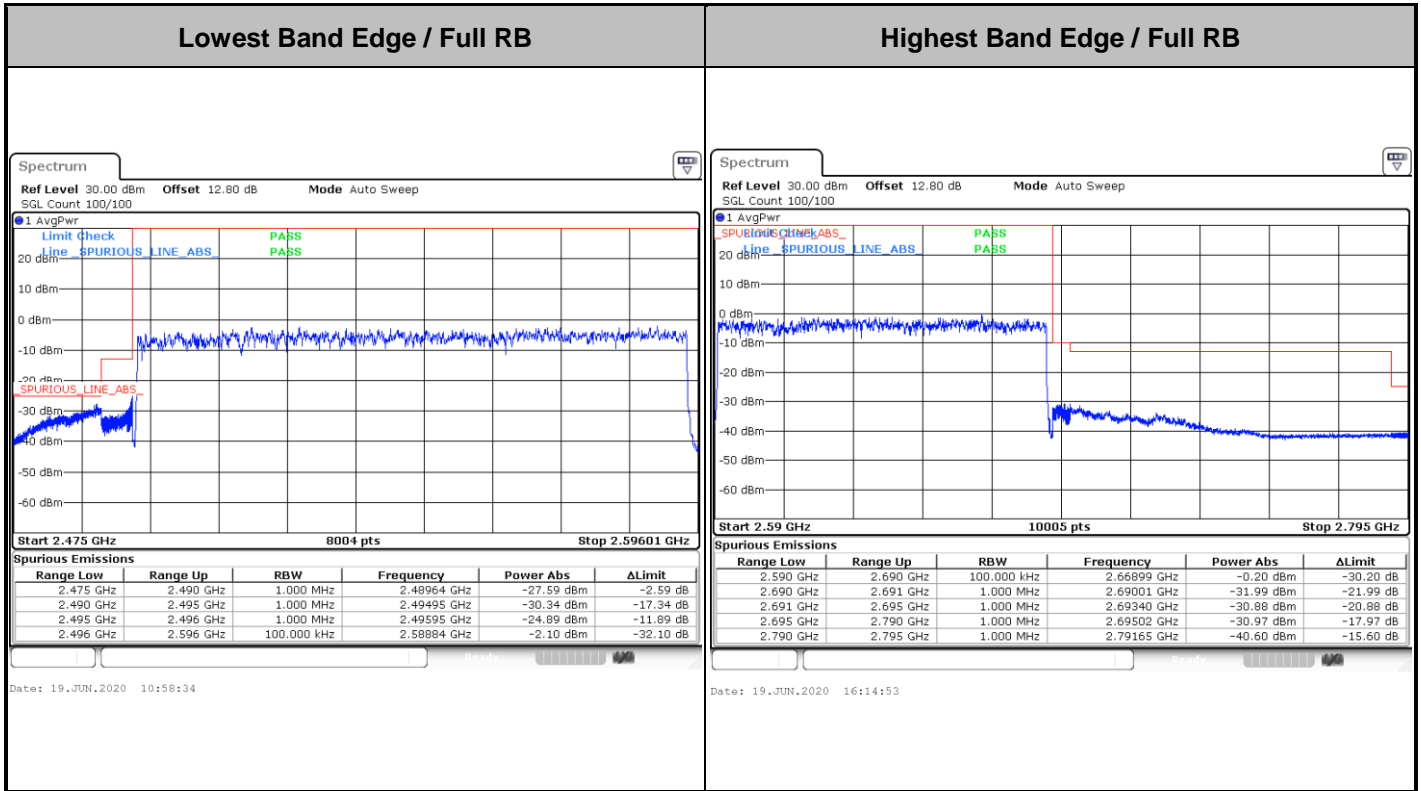
Channel Power -21.16dBm < -13dBm (Pass)

Channel Power -21.24dBm < -10dBm (Pass)



Date: 19 JUN.2020 14:20:42

Date: 19 JUN.2020 19:16:03

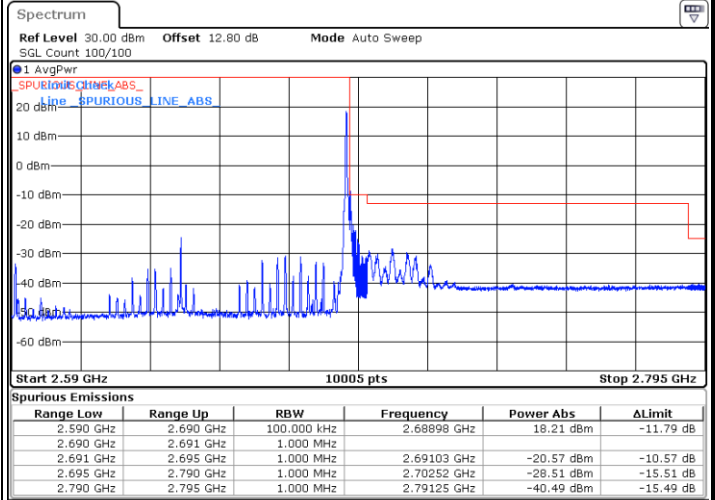
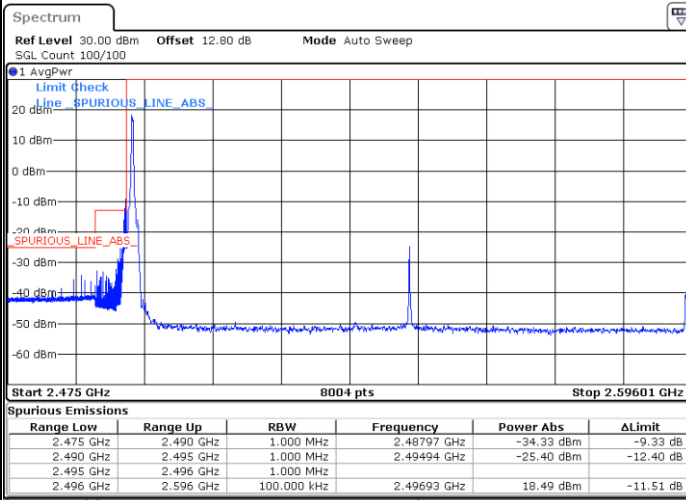




FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

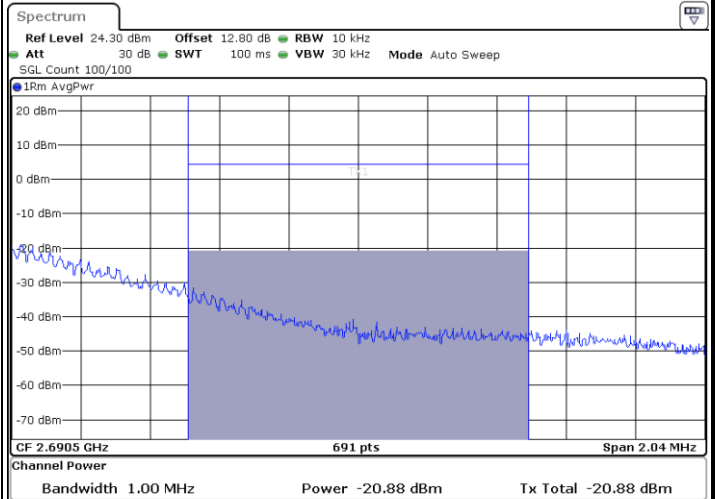
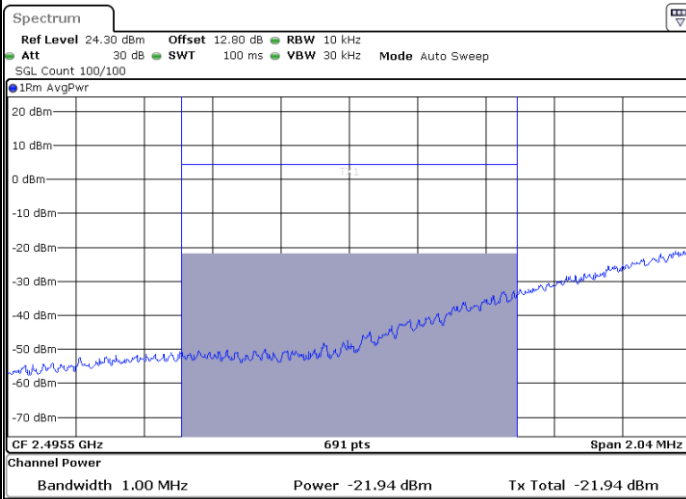


Date: 19 JUN 2020 14:07:31

Date: 19 JUN 2020 17:21:50

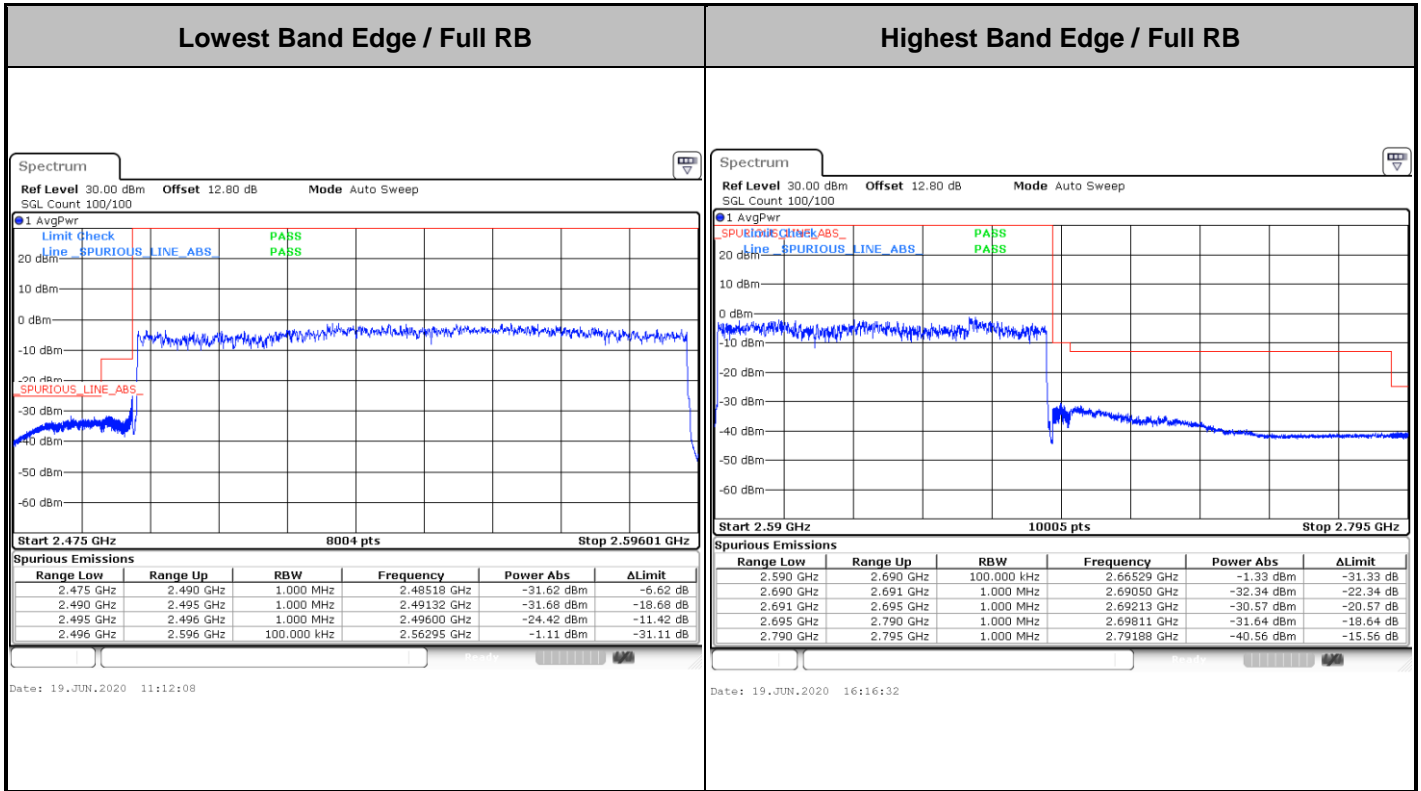
Channel Power -21.94dBm < -13dBm (Pass)

Channel Power -20.88dBm < -10dBm (Pass)



Date: 19 JUN 2020 14:21:17

Date: 19 JUN 2020 19:15:33

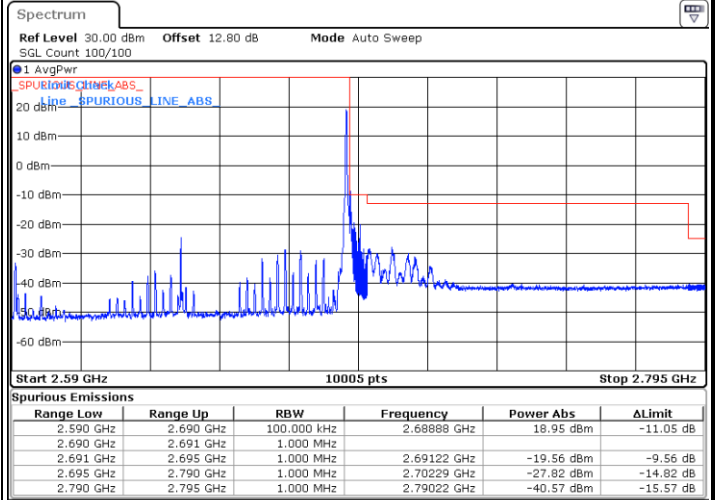
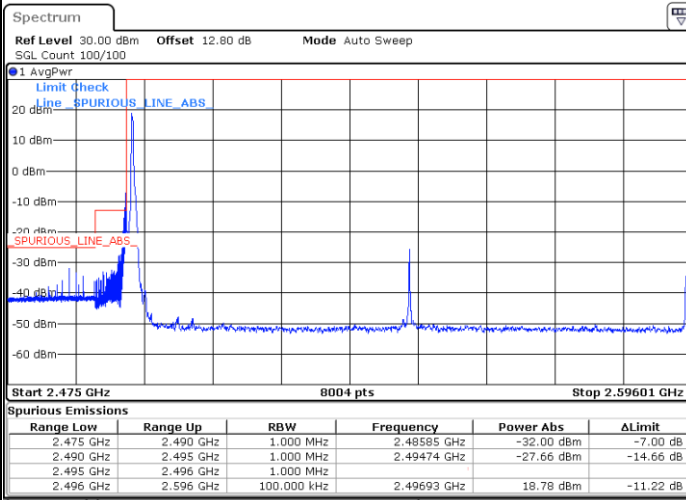




FR1 n41 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

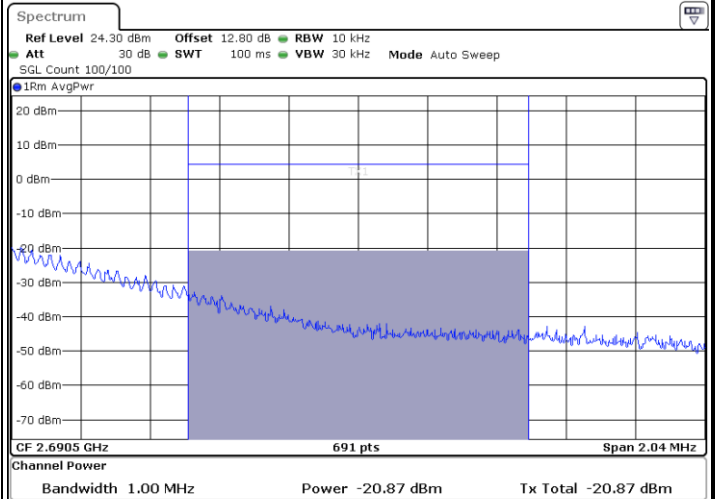
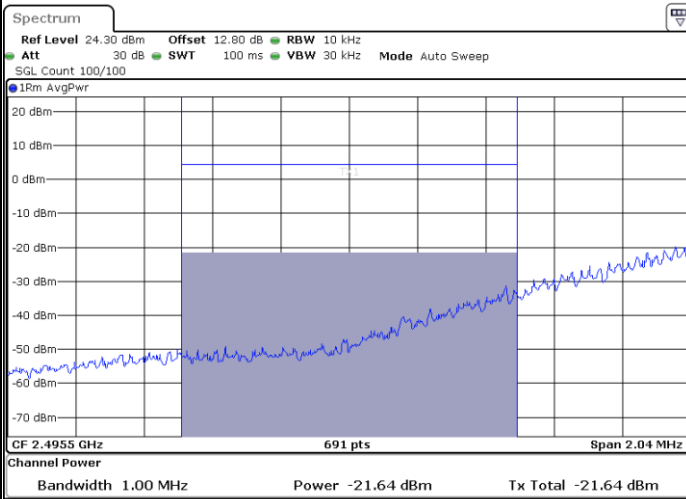


Date: 19 JUN 2020 14:01:50

Date: 19 JUN 2020 17:20:55

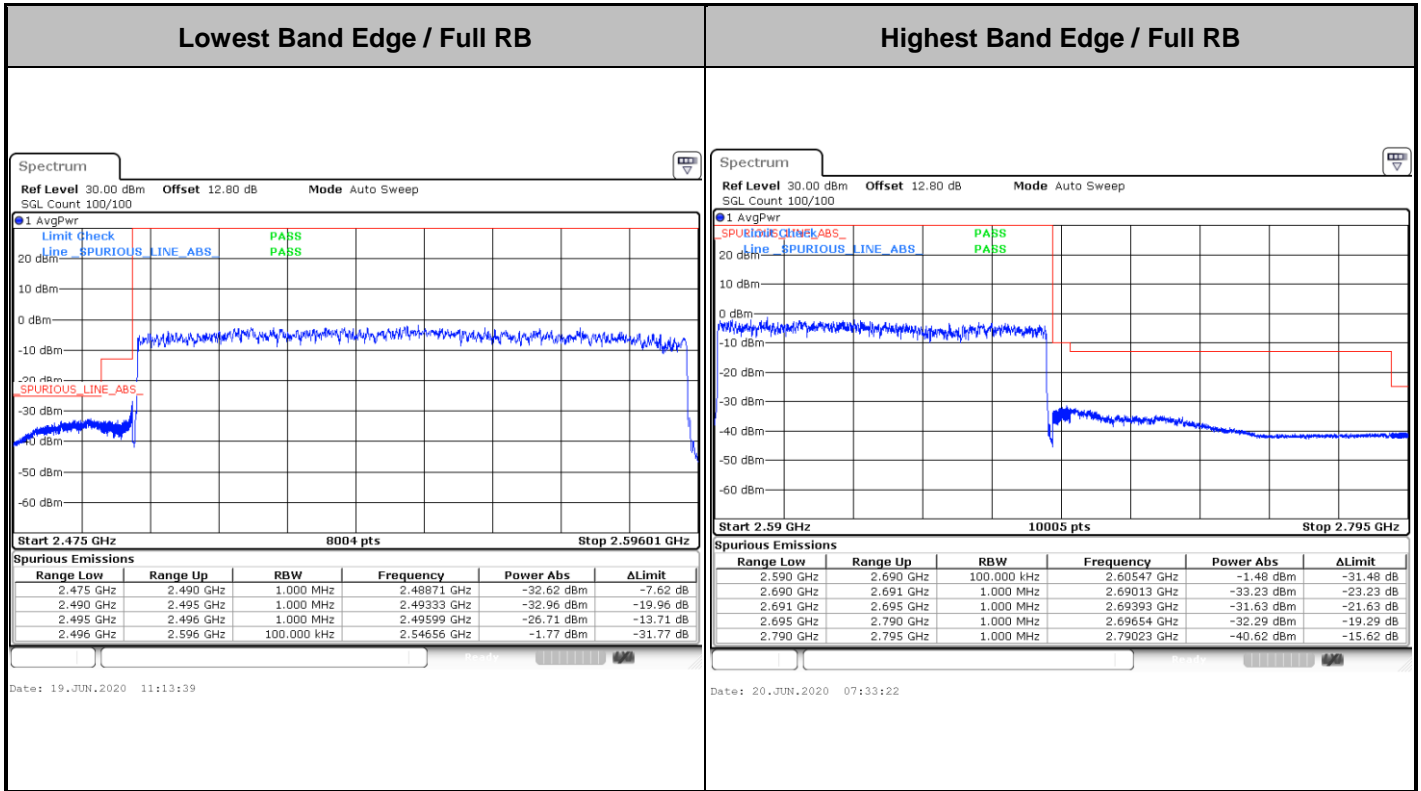
Channel Power -21.64dBm < -13dBm (Pass)

Channel Power -20.87dBm < -10dBm (Pass)



Date: 19 JUN 2020 14:21:59

Date: 19 JUN 2020 19:20:38

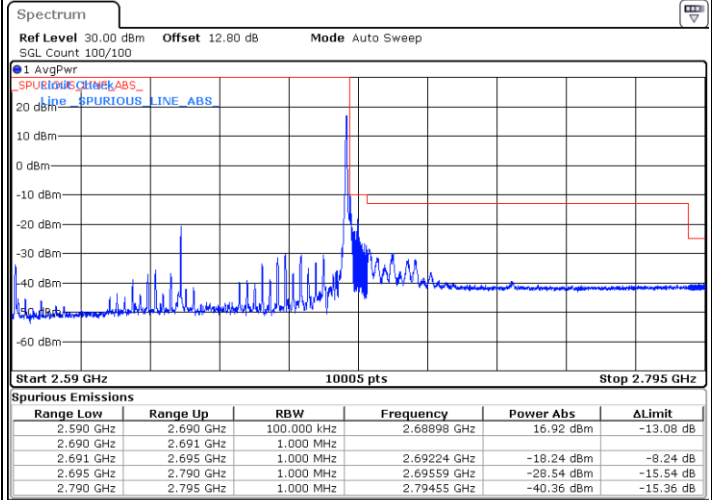
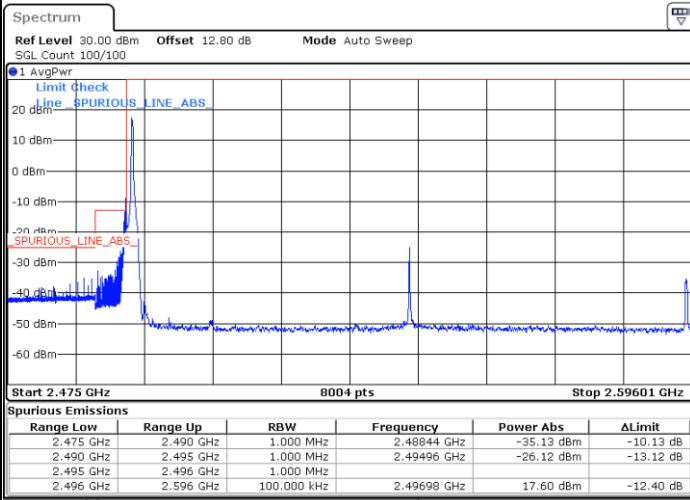




FR1 n41 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

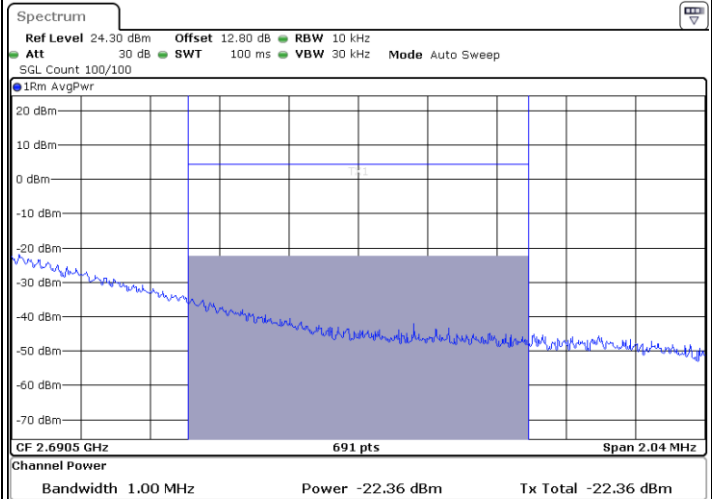
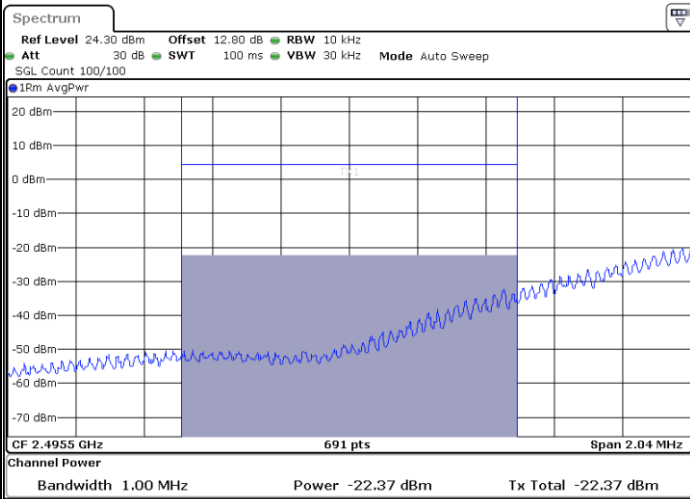


Date: 19 JUN.2020 11:17:36

Date: 19 JUN.2020 16:24:46

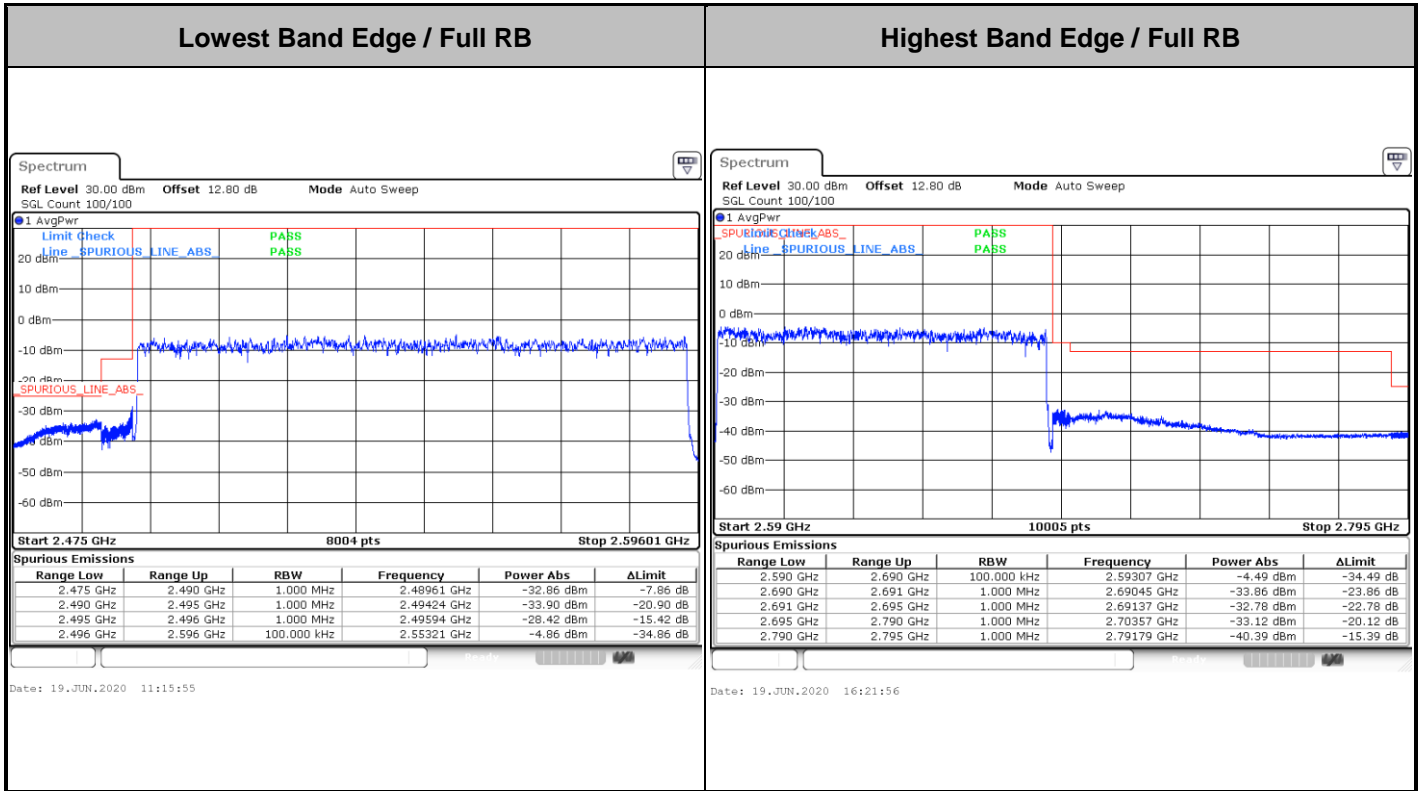
Channel Power -22.37dBm < -13dBm (Pass)

Channel Power -22.36dBm < -10dBm (Pass)



Date: 19 JUN.2020 13:50:45

Date: 19 JUN.2020 16:32:21

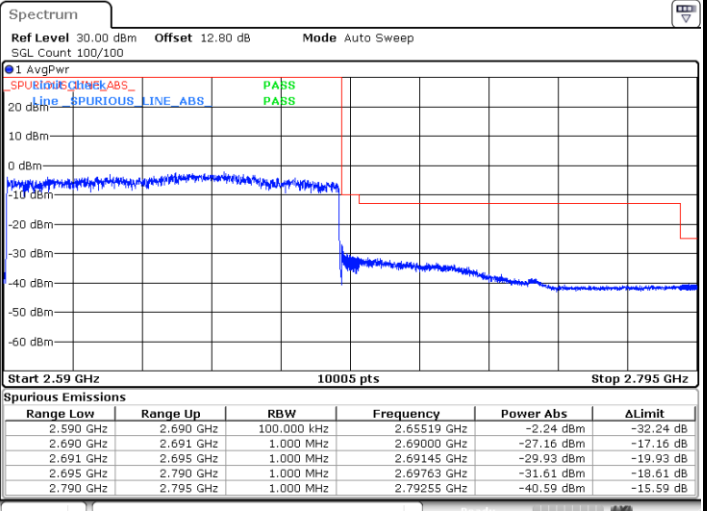
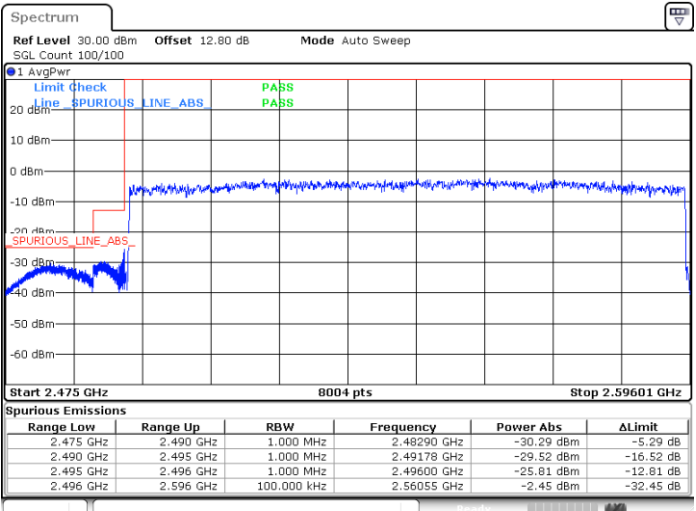




FR1 n41 / 100MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.JUN.2020 14:53:02

Date: 20.JUN.2020 07:30:15

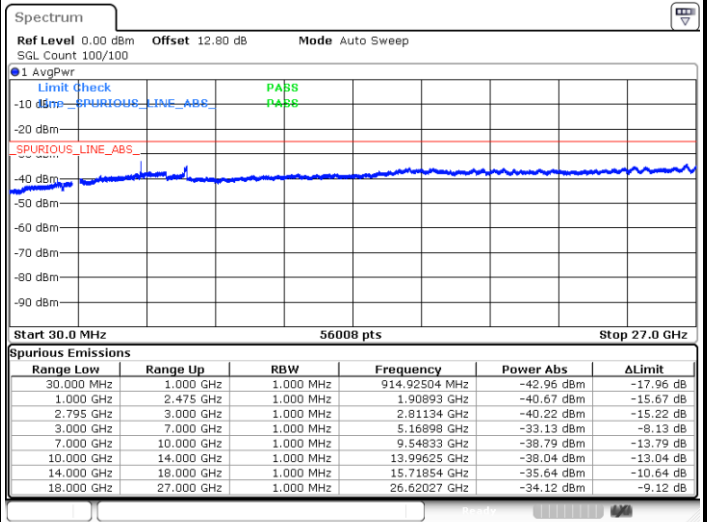
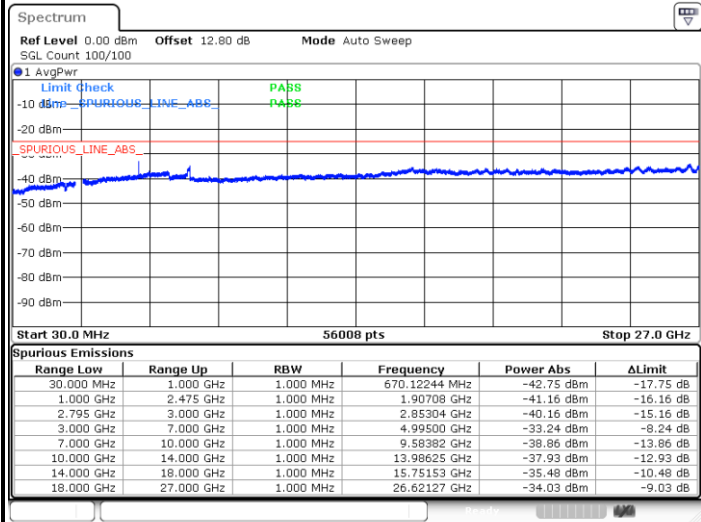


Conducted Spurious Emission

FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

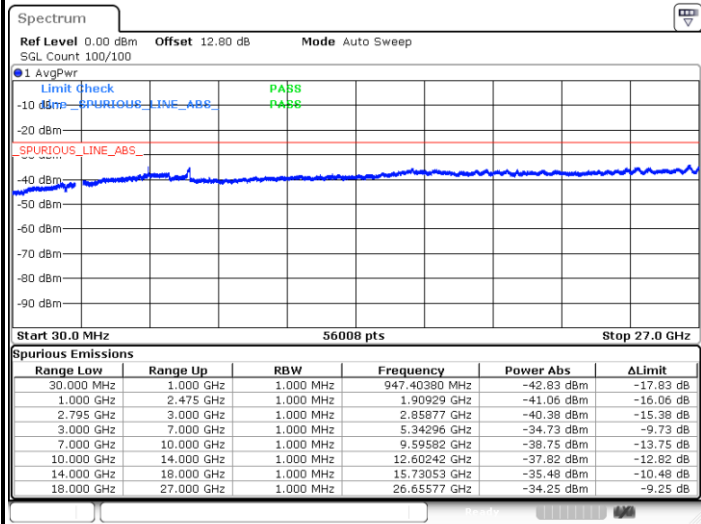
Middle Channel / 1RB1



Date: 19.JUN.2020 07:37:43

Date: 19.JUN.2020 05:06:15

Highest Channel / 1RB1



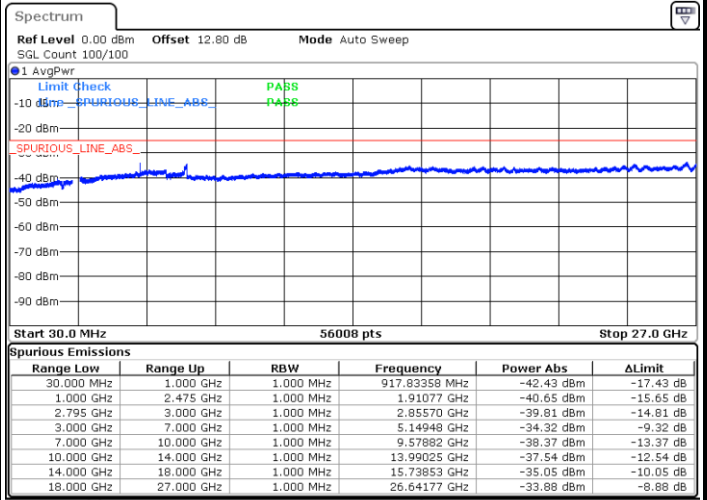
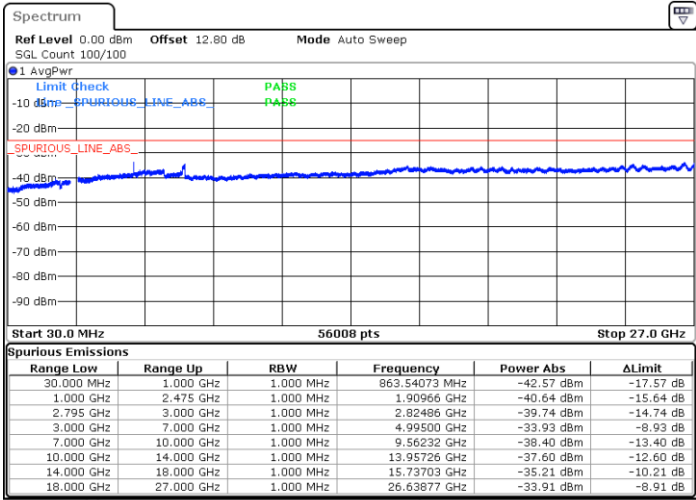
Date: 19.JUN.2020 07:39:56



FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

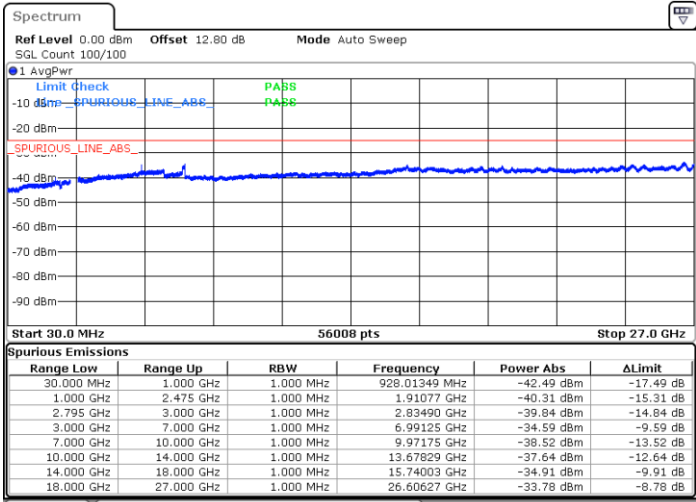
Middle Channel / 1RB1



Date: 21.JUN.2020 05:13:25

Date: 21.JUN.2020 04:43:01

Highest Channel / 1RB1



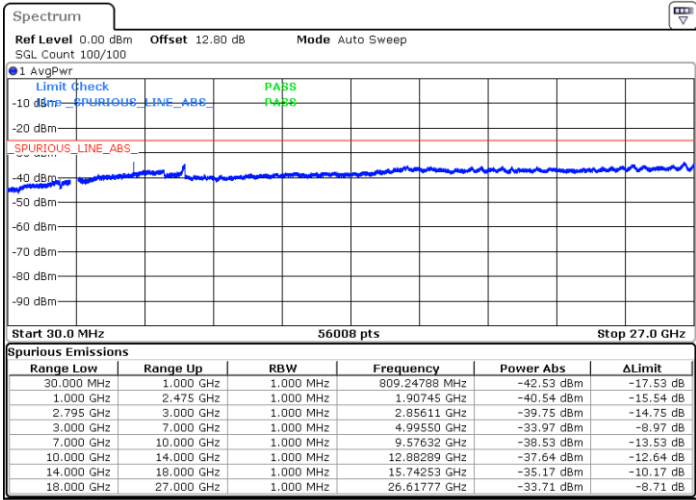
Date: 21.JUN.2020 04:41:23



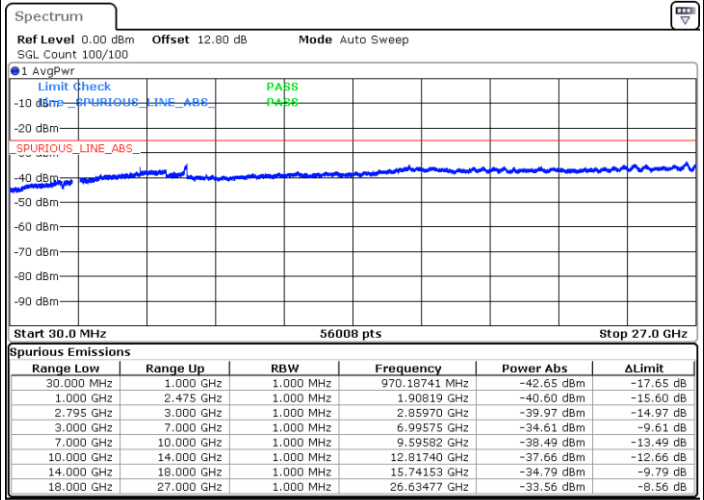
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

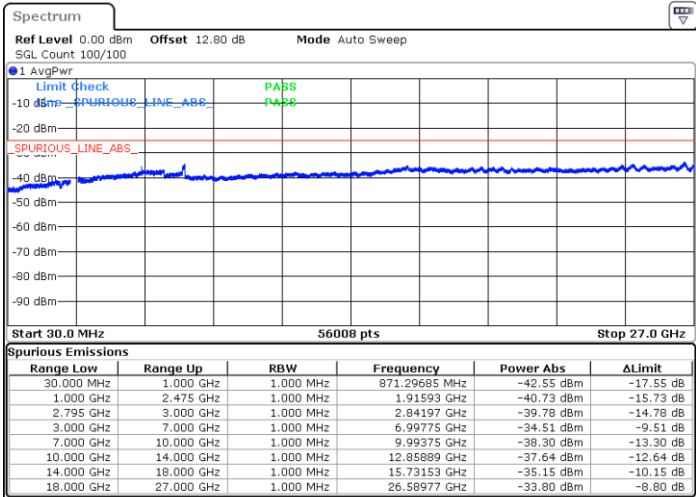


Date: 21 JUN.2020 02:26:12



Date: 21 JUN.2020 02:52:09

Highest Channel / 1RB1



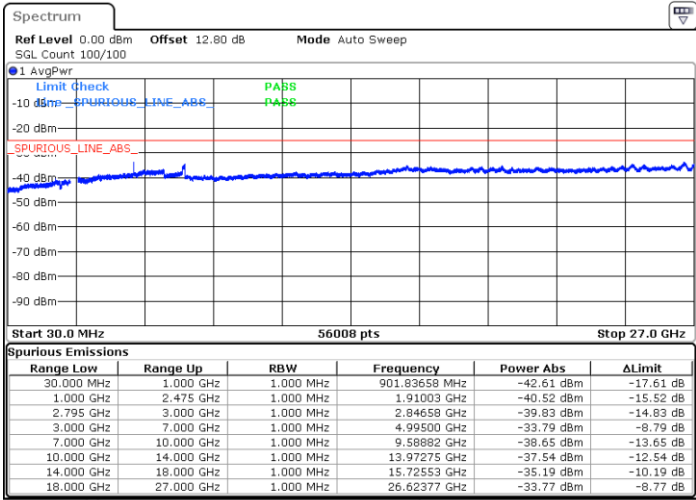
Date: 21 JUN.2020 04:07:57



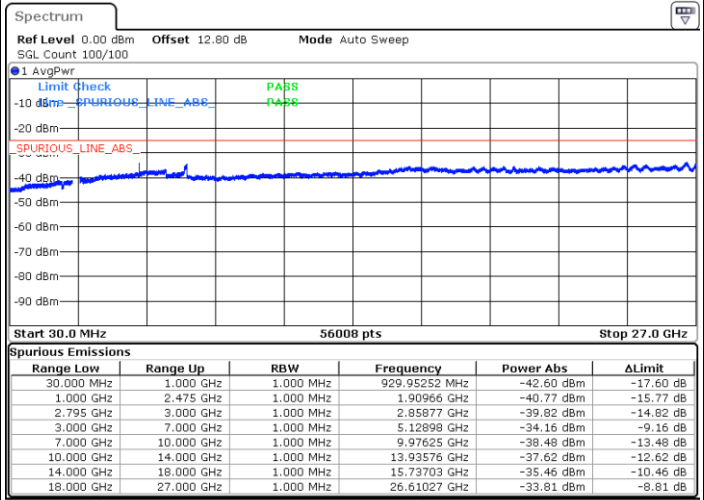
FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

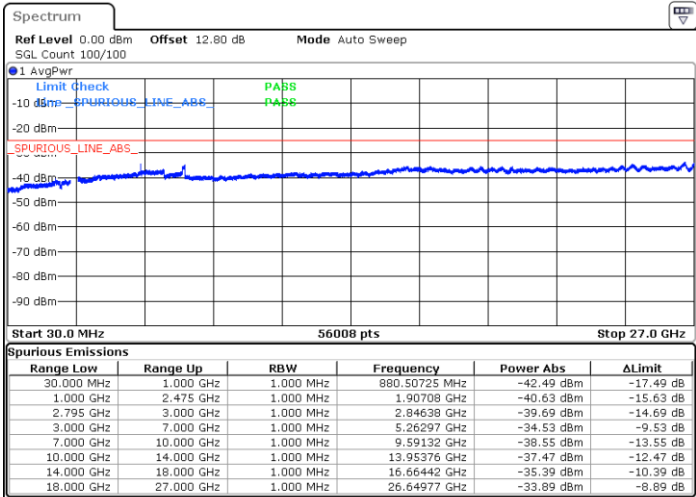


Date: 20 JUN.2020 22:59:51



Date: 20 JUN.2020 23:09:50

Highest Channel / 1RB1



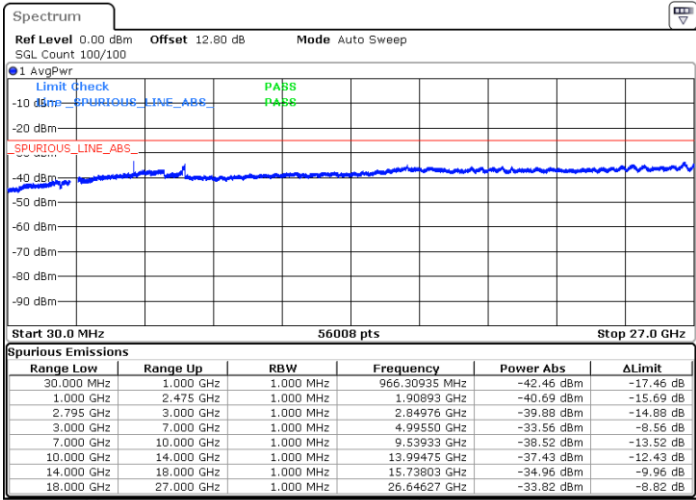
Date: 20 JUN.2020 23:22:36



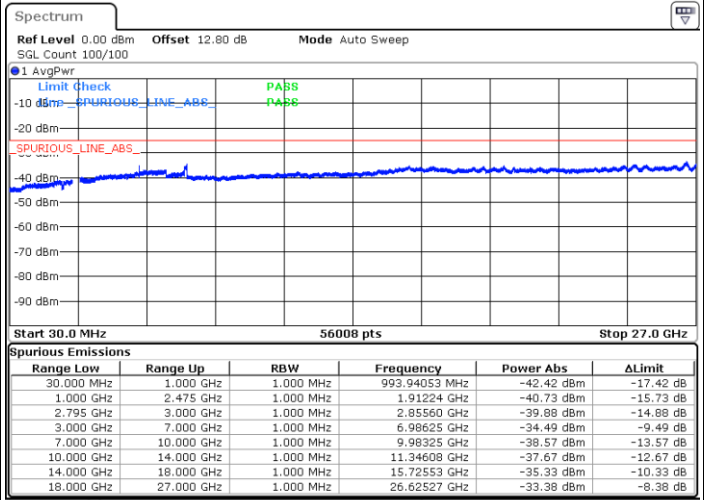
FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

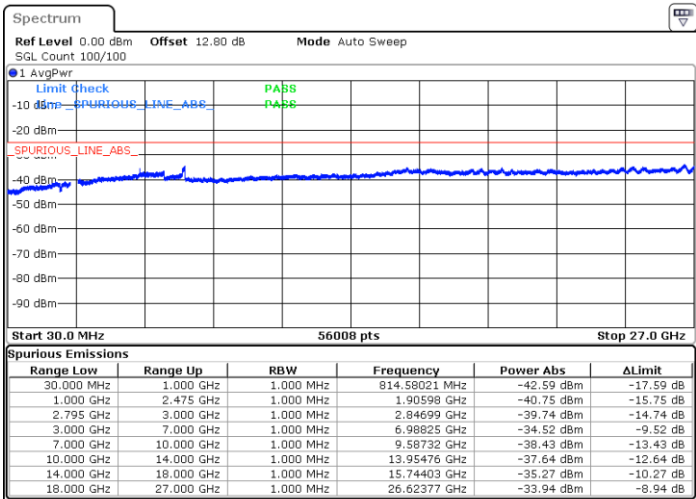


Date: 20 JUN.2020 23:03:56



Date: 20 JUN.2020 23:11:37

Highest Channel / 1RB1



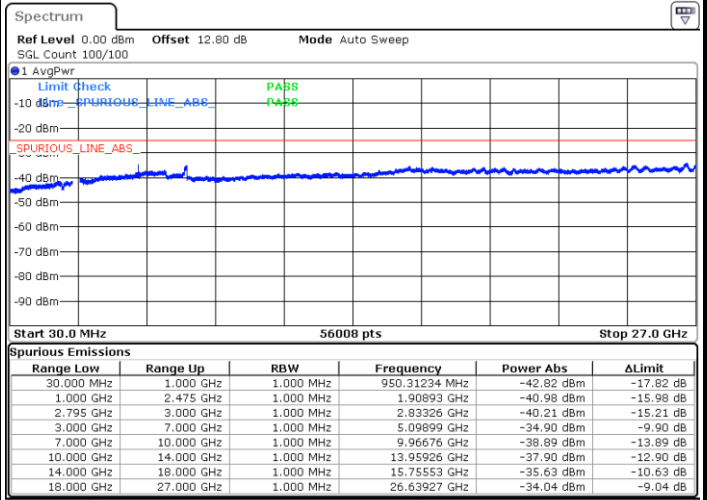
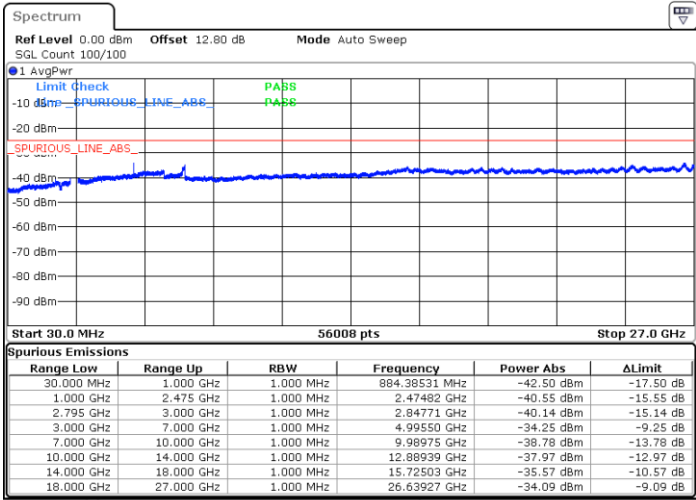
Date: 20 JUN.2020 19:27:27



FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

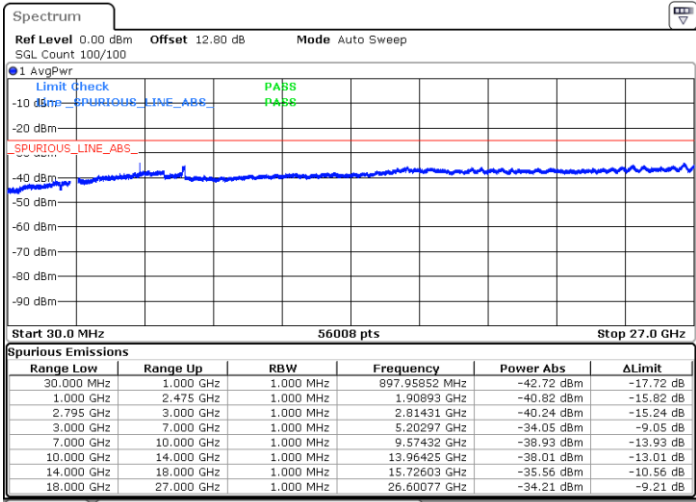
Middle Channel / 1RB1



Date: 20 JUN.2020 05:42:57

Date: 20 JUN.2020 05:45:32

Highest Channel / 1RB1



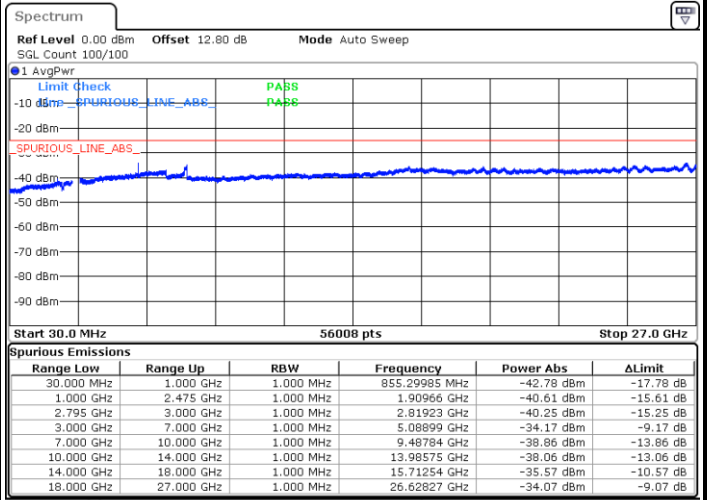
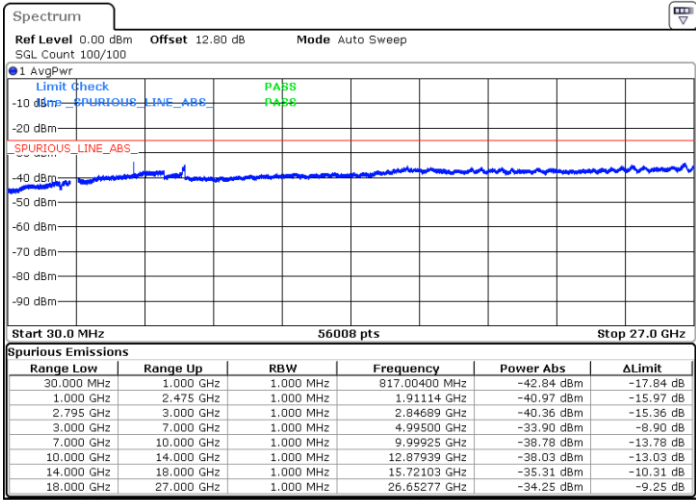
Date: 20 JUN.2020 05:47:06



FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

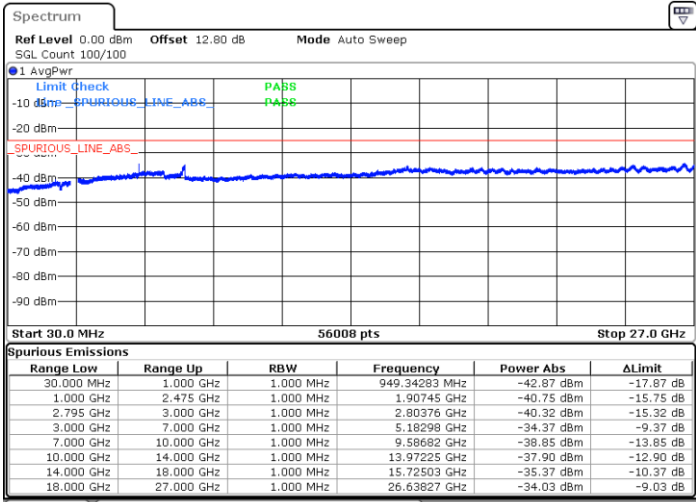
Middle Channel / 1RB1



Date: 19. JUN. 2020 14:35:49

Date: 19. JUN. 2020 15:19:51

Highest Channel / 1RB1



Date: 19. JUN. 2020 16:01:07



Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



FR1 n66

Peak-to-Average Ratio

Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Lowest CH	4.06	4.46	5.86	6.29	PASS
Middle CH	3.94	4.52	5.77	6.20	
Highest CH	4.09	4.78	5.91	6.29	
Mode	FR1 n66 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Lowest CH	7.13				PASS
Middle CH	7.13				
Highest CH	7.10				