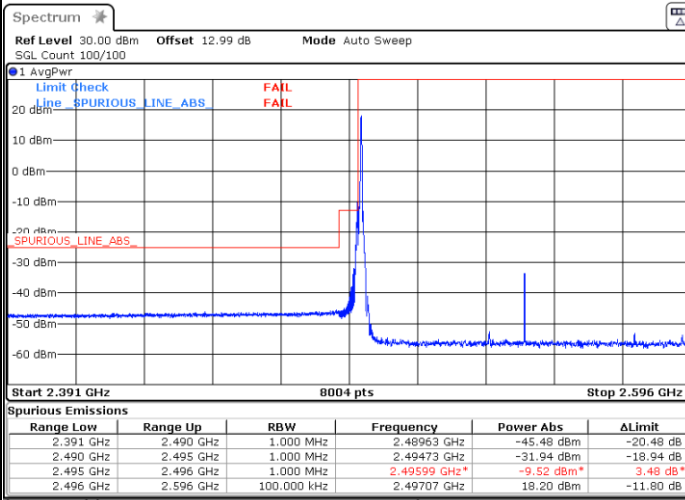




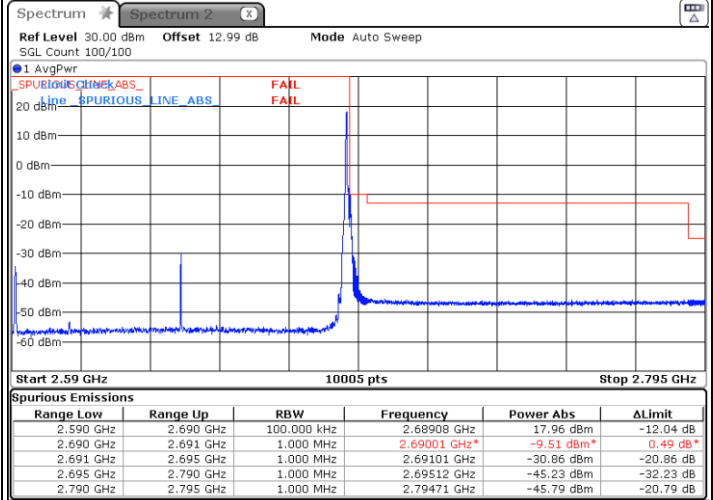
FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

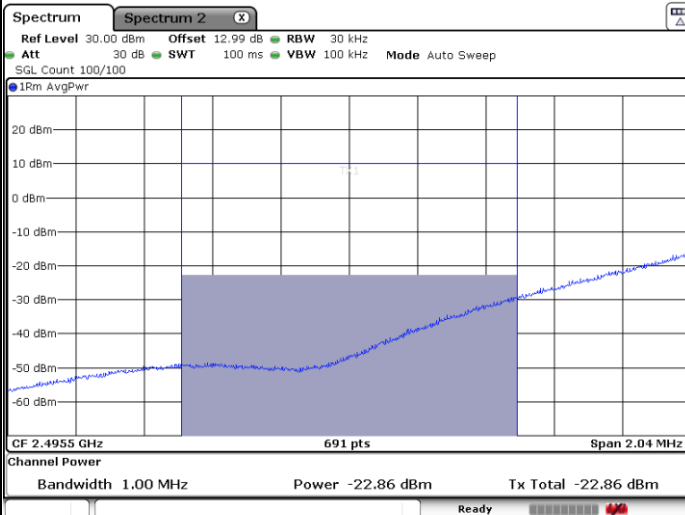
Highest Band Edge / 1RBmax



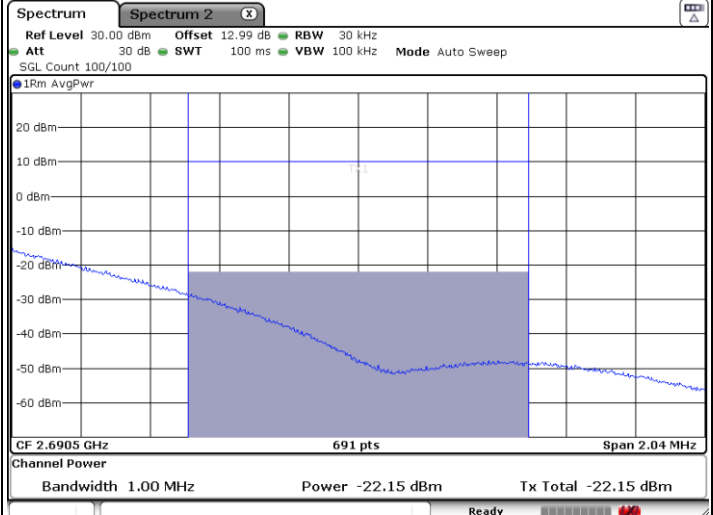
Date: 26.NOV.2021 22:35:29



Date: 26.NOV.2021 23:10:34



Date: 27.NOV.2021 00:05:00



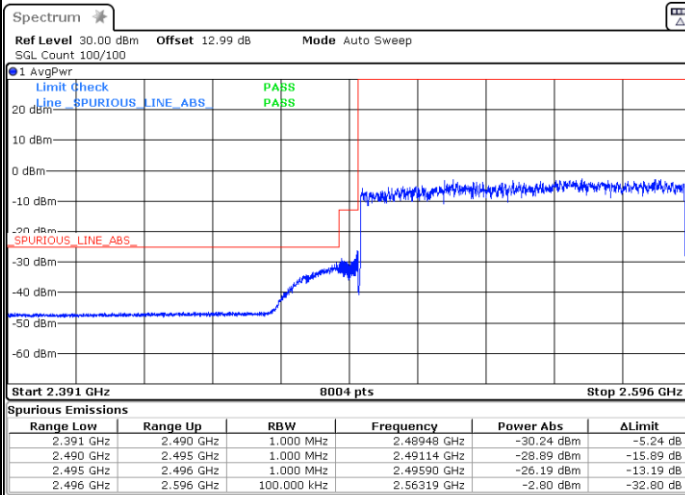
Date: 27.NOV.2021 00:02:11



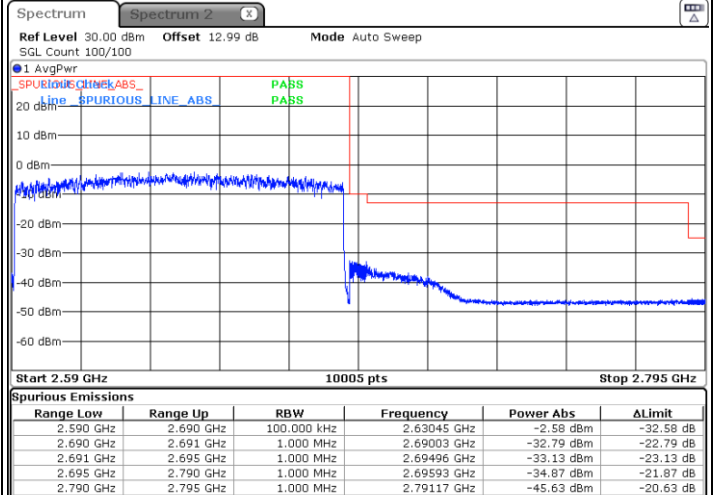
FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 22:24:48



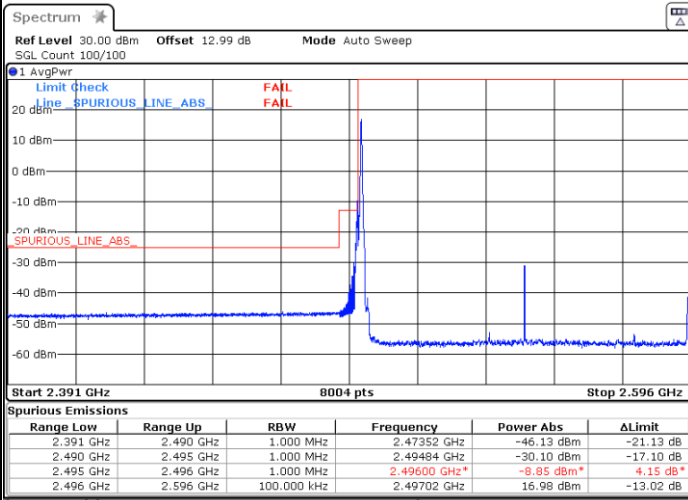
Date: 26.NOV.2021 22:59:24



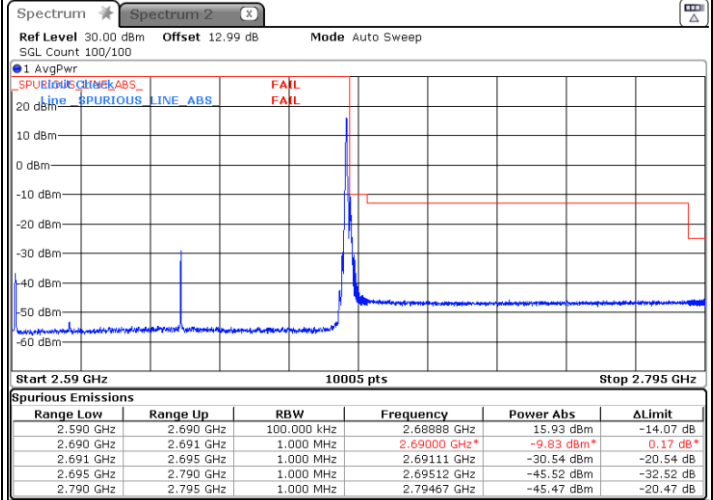
FR1 n41 / 100MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

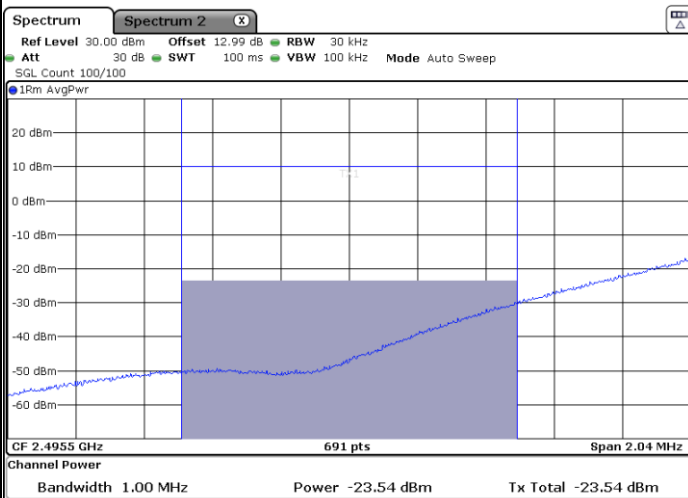
Highest Band Edge / 1RBmax



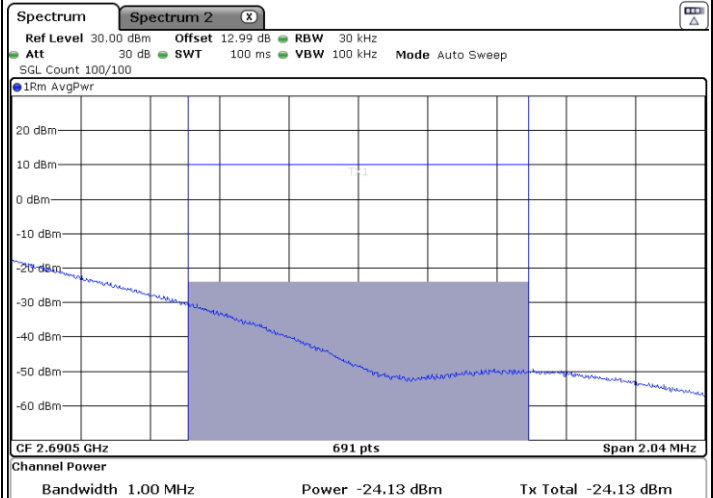
Date: 26.NOV.2021 22:33:51



Date: 26.NOV.2021 23:08:27



Date: 27.NOV.2021 00:05:26



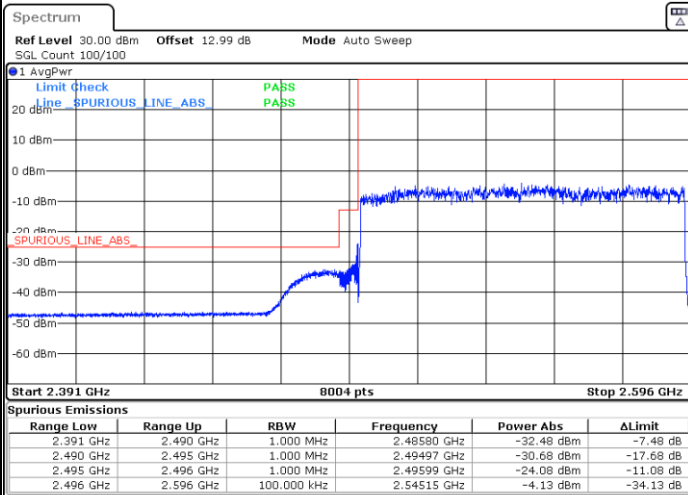
Date: 27.NOV.2021 00:02:48



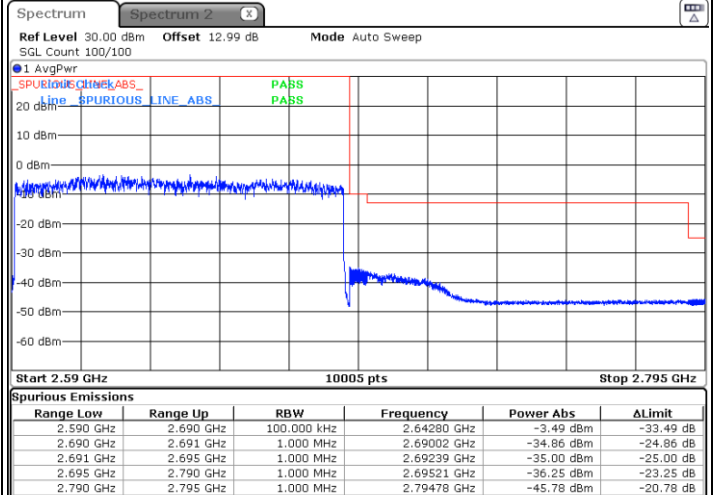
FR1 n41 / 100MHz / DFT-S OFDM / 16Q

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 22:26:43

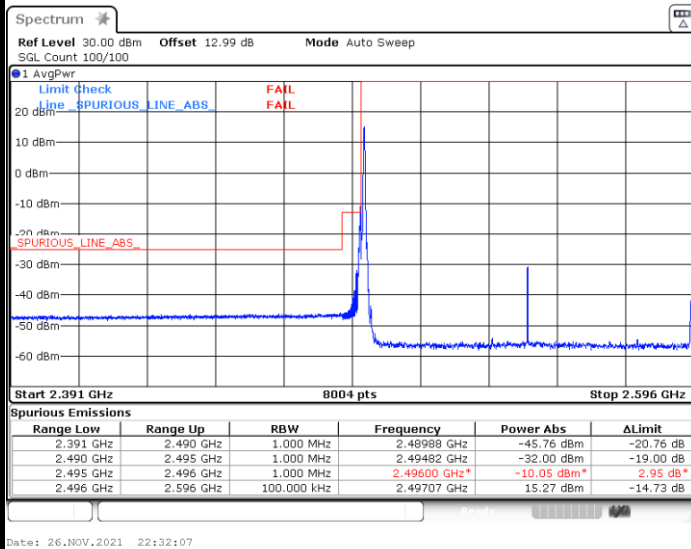


Date: 26.NOV.2021 22:59:45

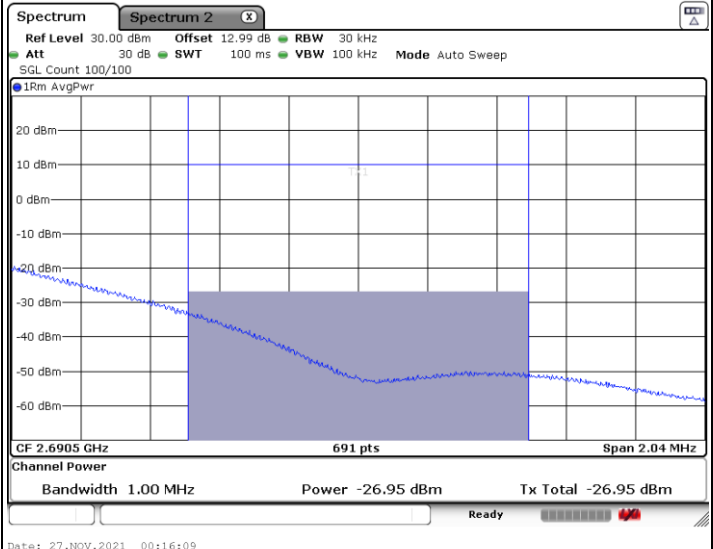
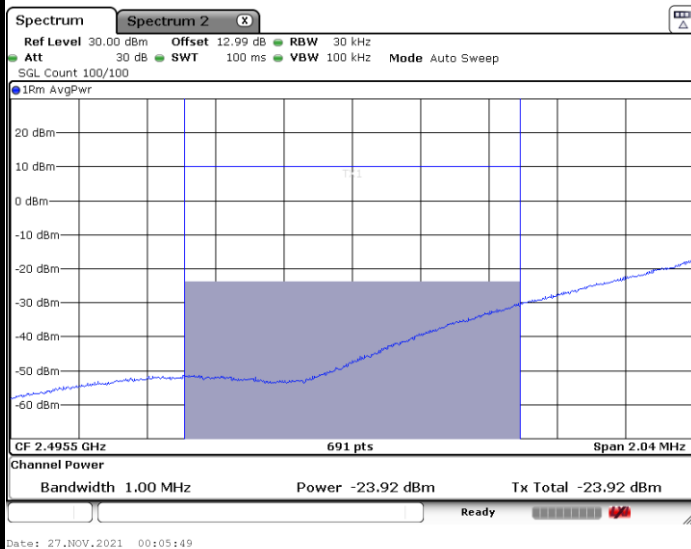
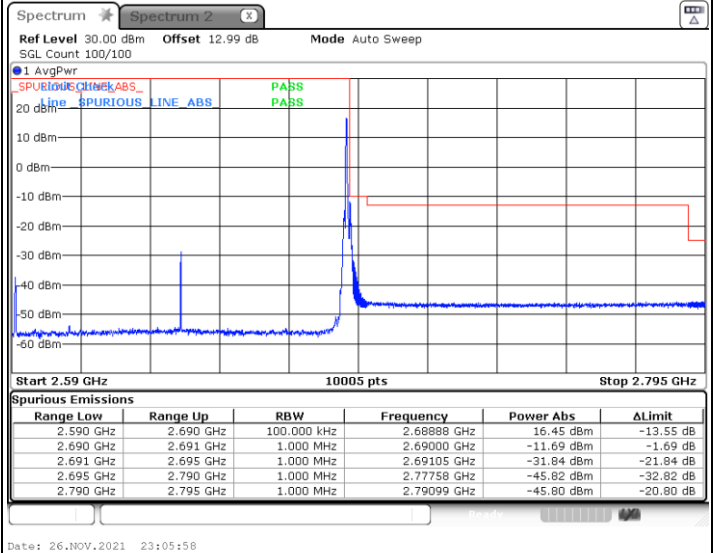


FR1 n41 / 100MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



Highest Band Edge / 1RB24

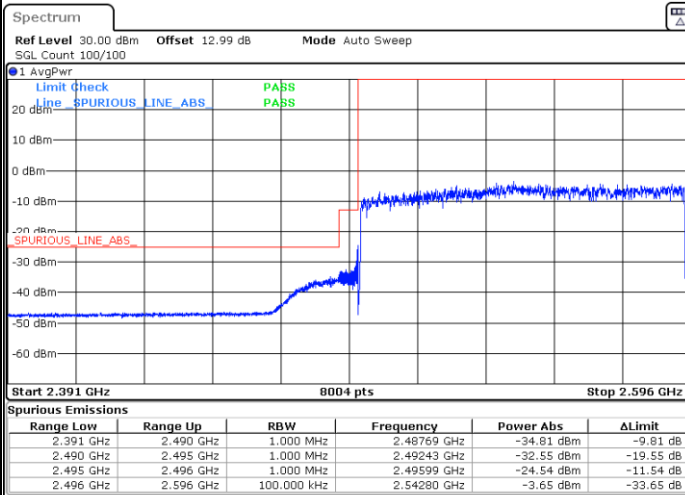




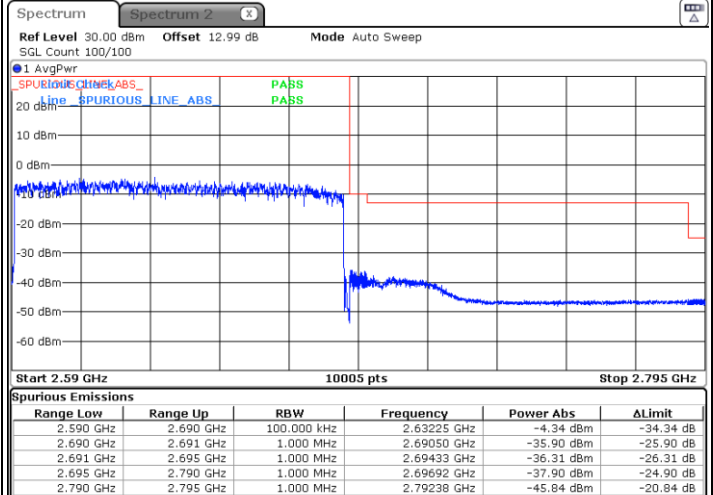
FR1 n41 / 100MHz / DFT-S OFDM / 64Q

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 22:27:01

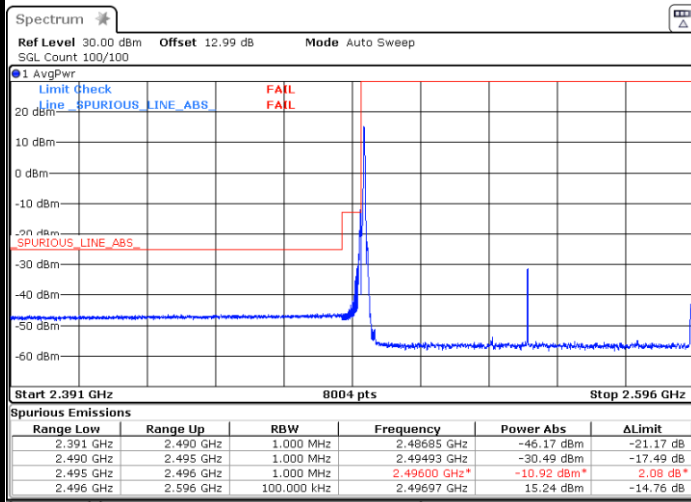


Date: 26.NOV.2021 23:00:14



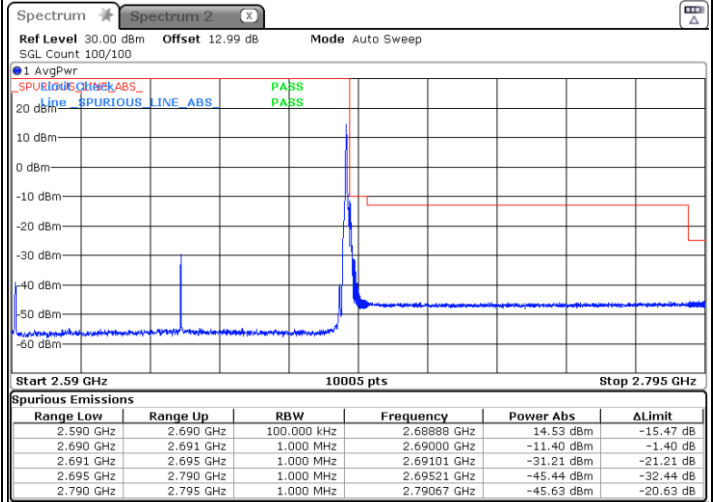
FR1 n41 / 100MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0

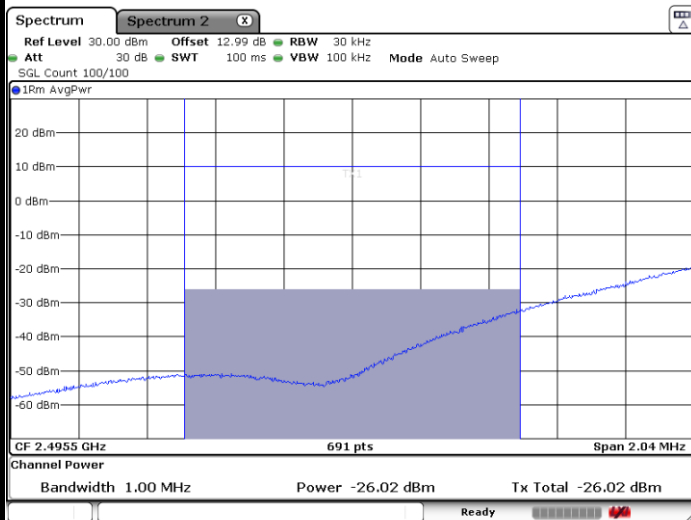


Date: 26.NOV.2021 22:30:38

Highest Band Edge / 1RB24



Date: 26.NOV.2021 23:03:51



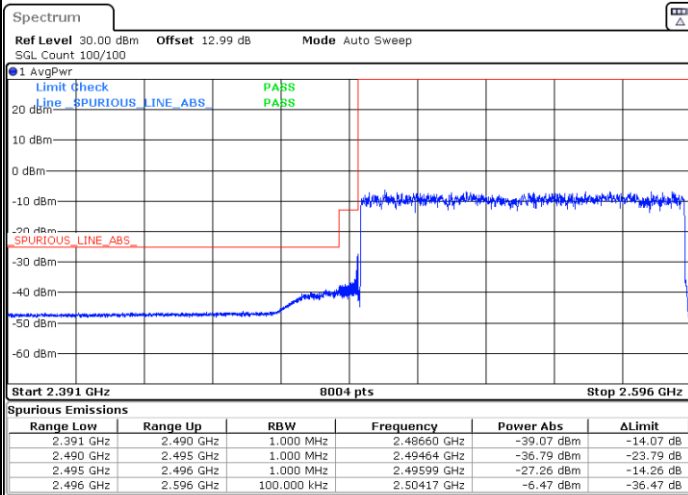
Date: 27.NOV.2021 00:06:21



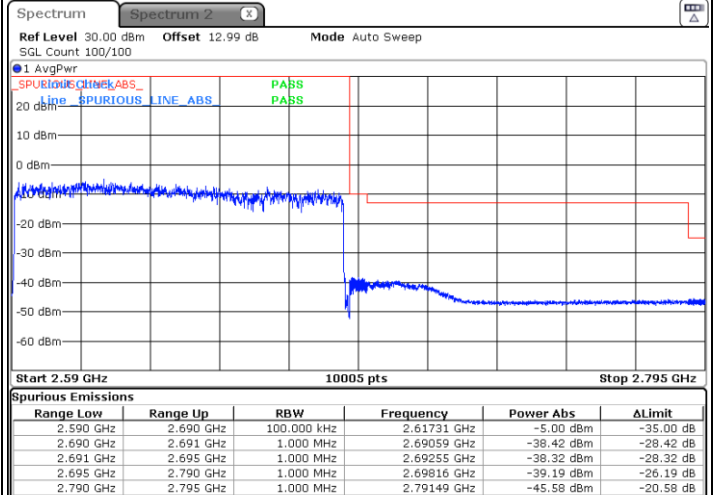
FR1 n41 / 100MHz / DFT-S OFDM / 256Q

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 22:27:36



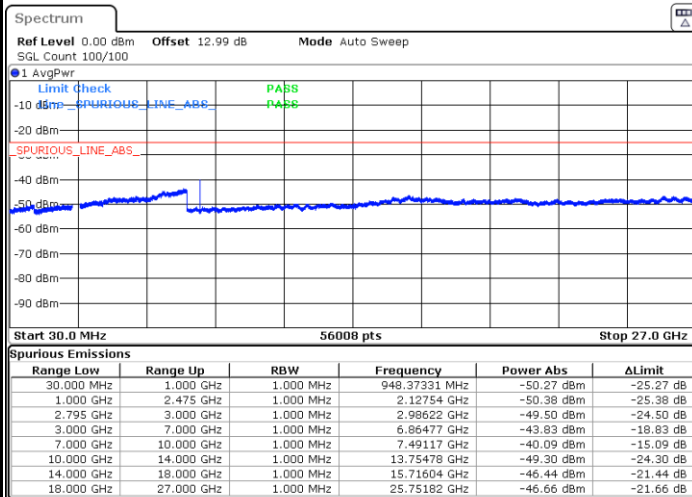
Date: 26.NOV.2021 23:01:21



Conducted Spurious Emission

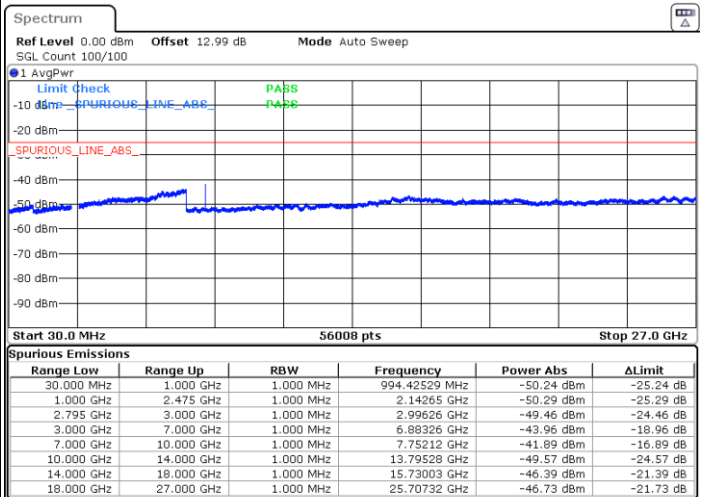
FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



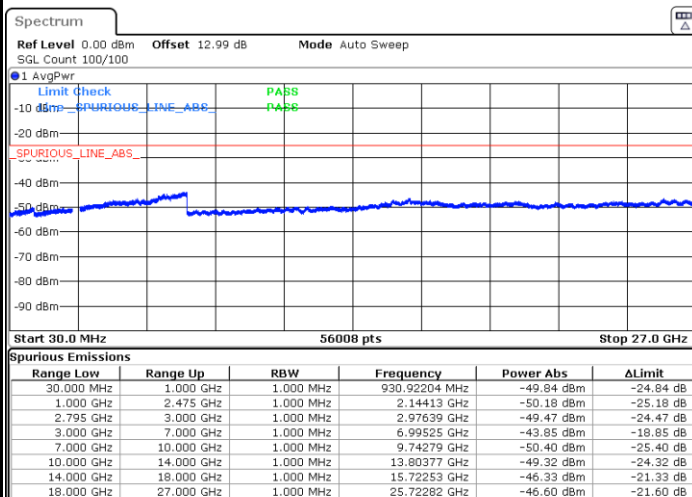
Date: 26.NOV.2021 18:39:55

Middle Channel / 1RB1



Date: 26.NOV.2021 18:37:17

Highest Channel / 1RB1

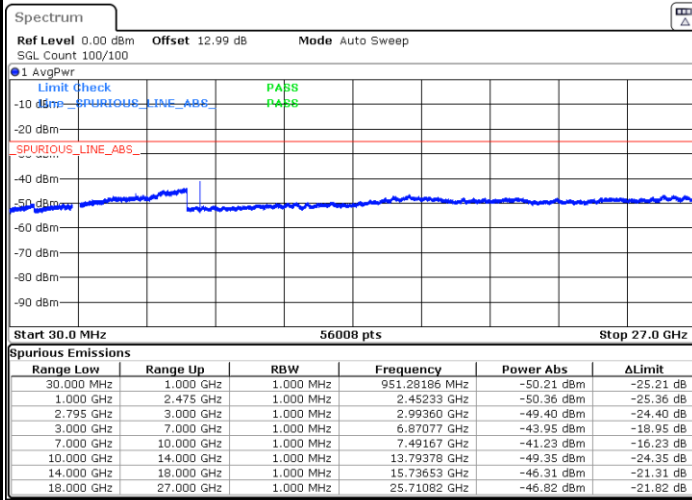


Date: 26.NOV.2021 18:48:43



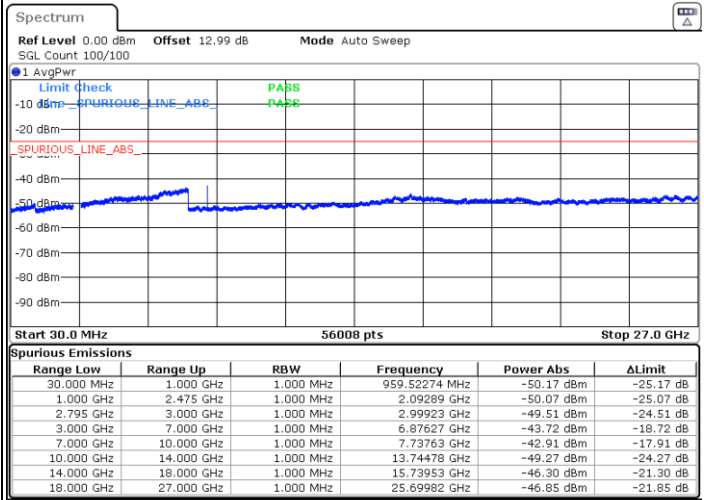
FR1 n41 / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



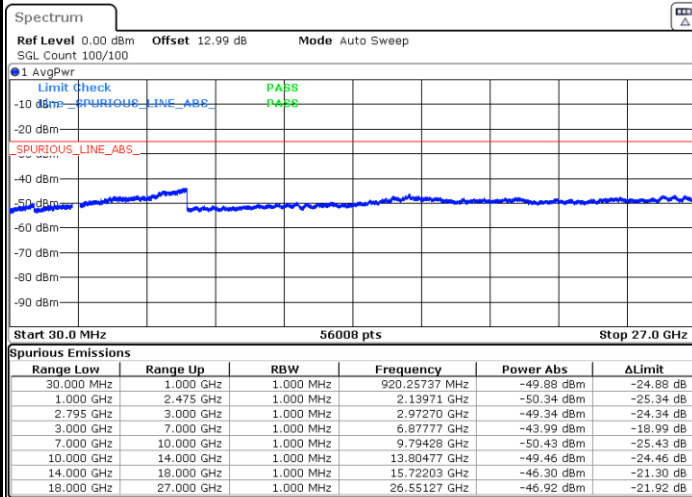
Date: 26.NOV.2021 18:13:55

Middle Channel / 1RB1



Date: 26.NOV.2021 18:12:50

Highest Channel / 1RB1



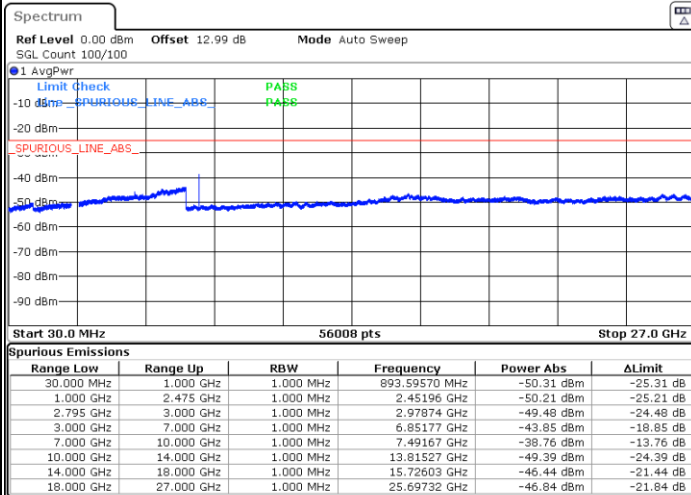
Date: 26.NOV.2021 18:28:03



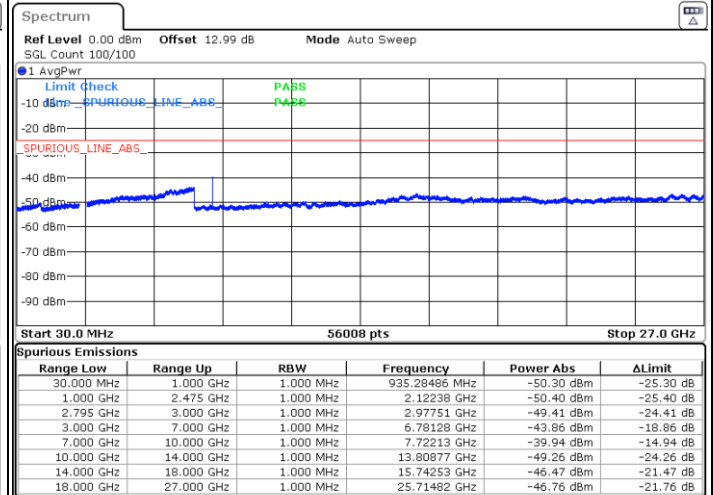
FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

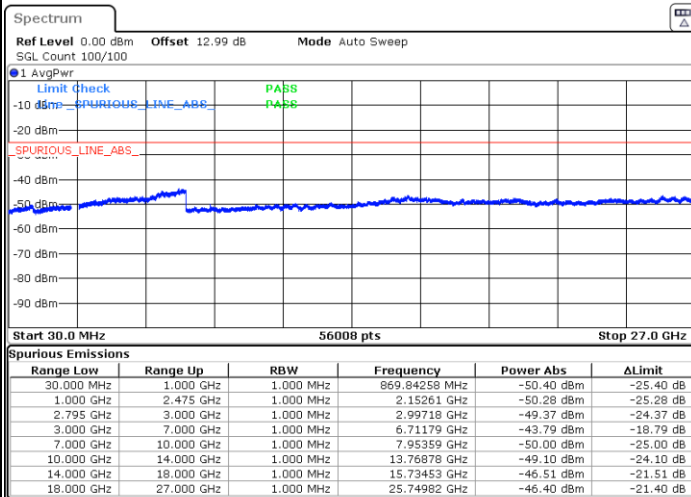


Date: 26.NOV.2021 18:02:26



Date: 26.NOV.2021 18:03:28

Highest Channel / 1RB1



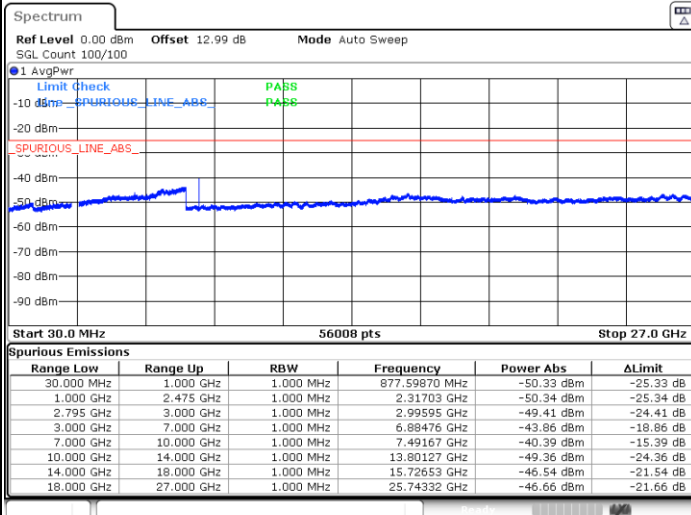
Date: 26.NOV.2021 18:04:37



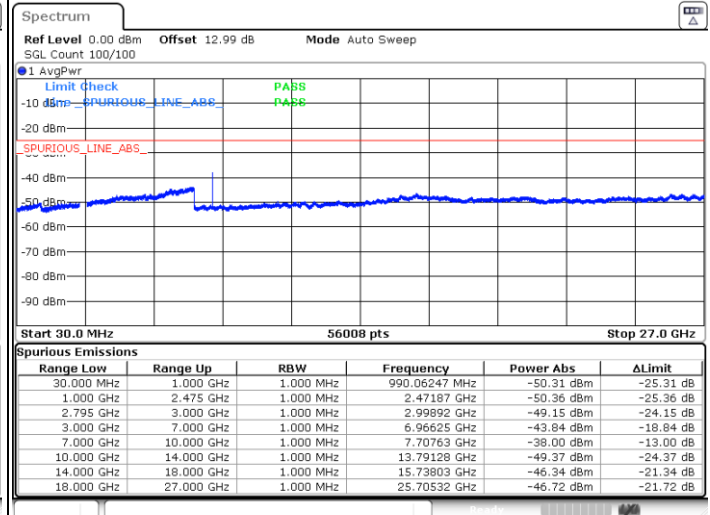
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

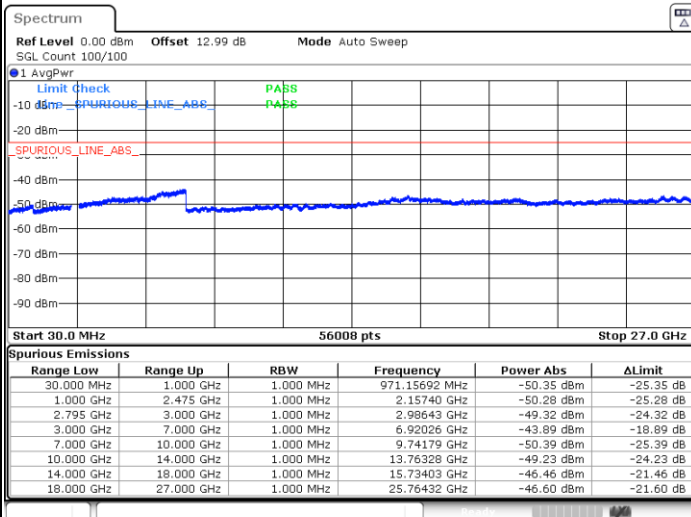


Date: 26.NOV.2021 19:18:59



Date: 26.NOV.2021 19:13:18

Highest Channel / 1RB1



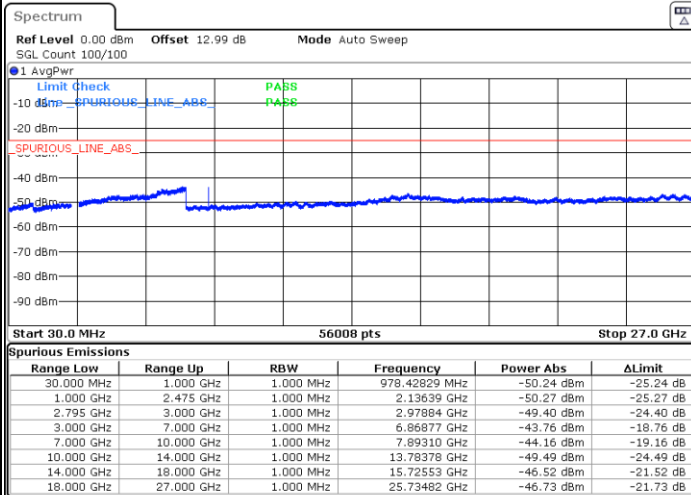
Date: 26.NOV.2021 20:29:41



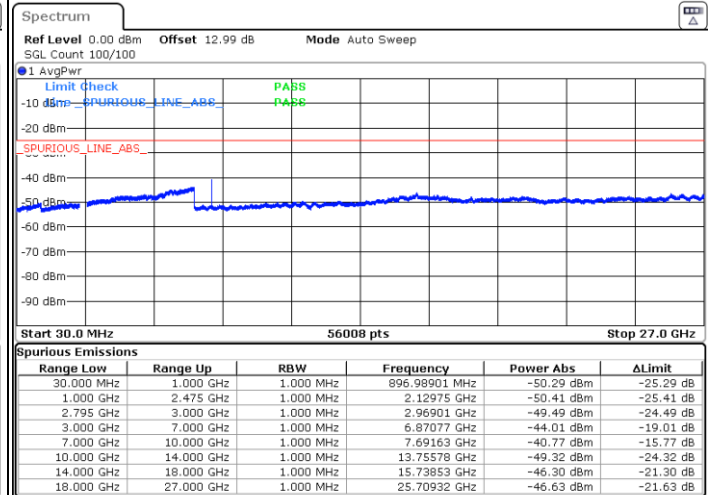
FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

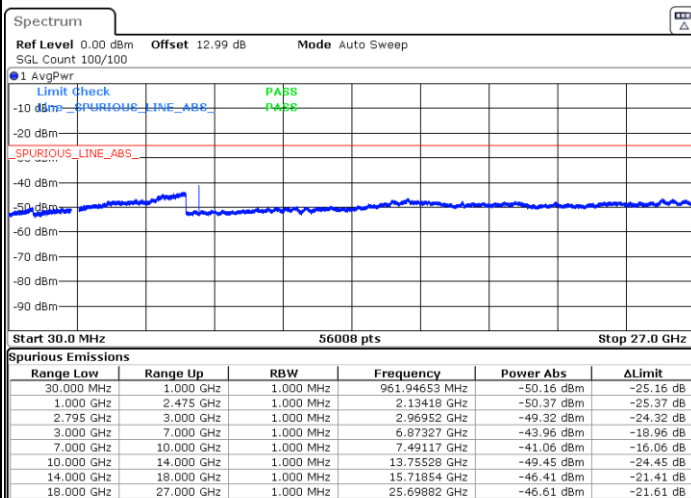


Date: 26.NOV.2021 20:49:11



Date: 26.NOV.2021 20:47:53

Highest Channel / 1RB1

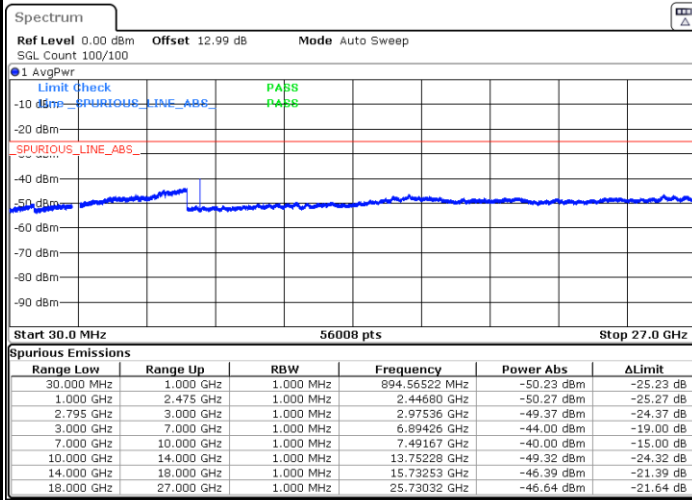


Date: 26.NOV.2021 20:46:49



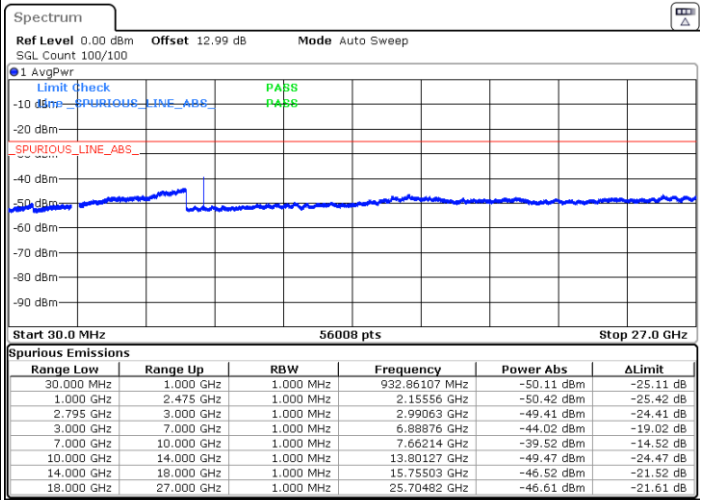
FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



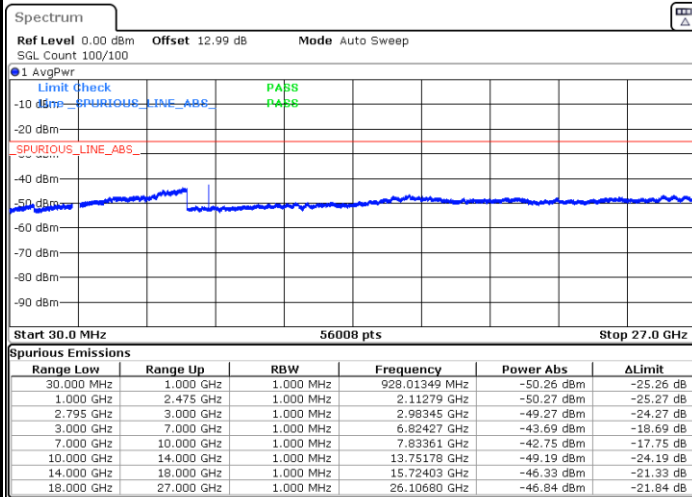
Date: 26.NOV.2021 21:08:57

Middle Channel / 1RB1



Date: 26.NOV.2021 21:07:48

Highest Channel / 1RB1

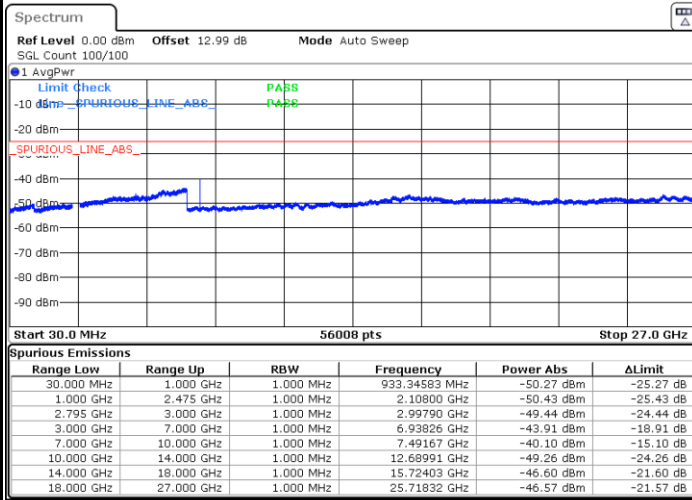


Date: 26.NOV.2021 21:27:13



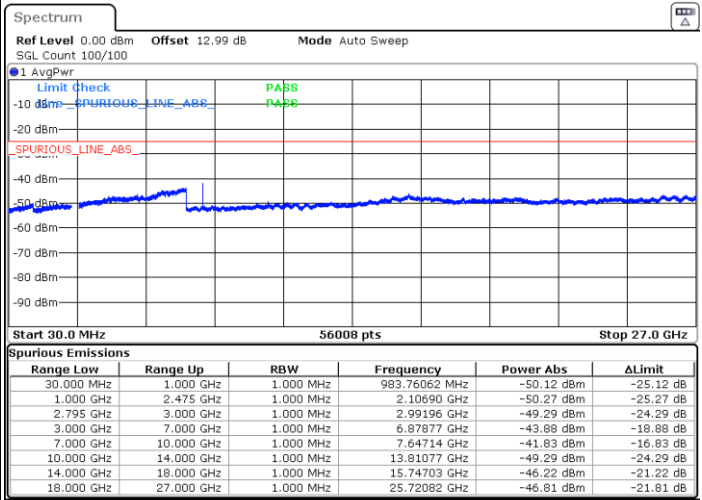
FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



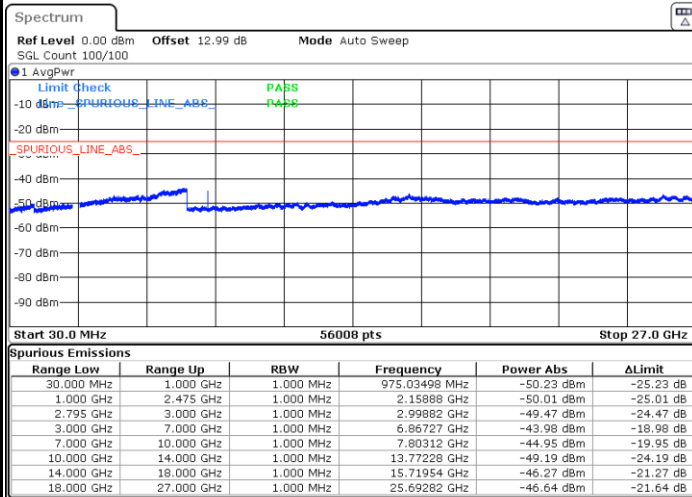
Date: 26.NOV.2021 21:54:01

Middle Channel / 1RB1



Date: 26.NOV.2021 21:52:54

Highest Channel / 1RB1

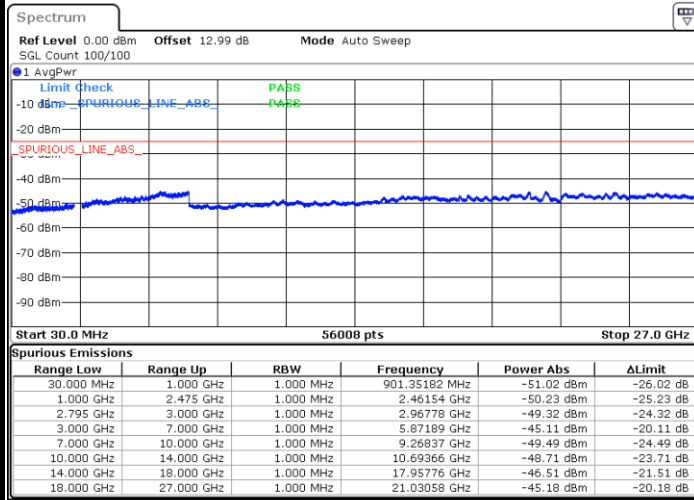


Date: 26.NOV.2021 22:05:40



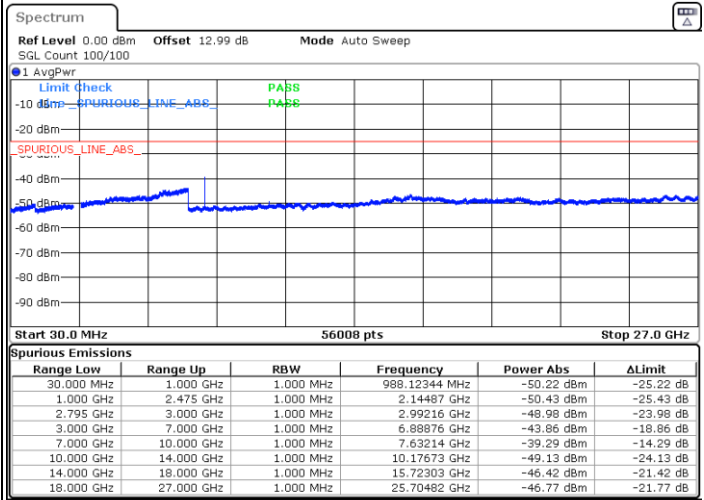
FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



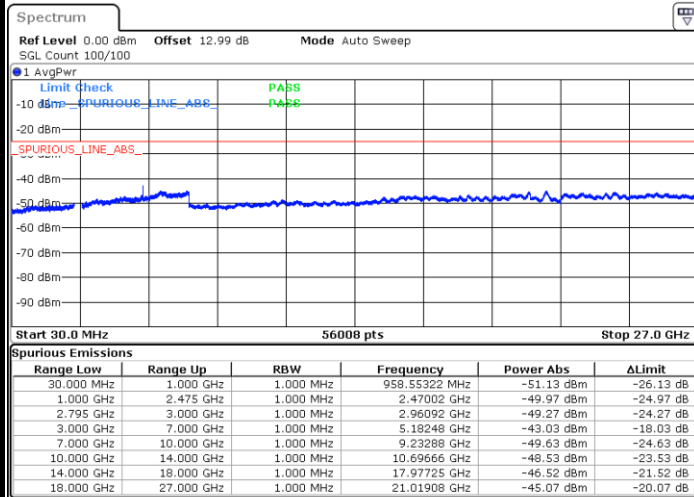
Date: 28.NOV.2021 19:53:41

Middle Channel / 1RB1



Date: 26.NOV.2021 22:17:56

Highest Channel / 1RB1



Date: 28.NOV.2021 19:55:17

Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0020	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0031	

Note:

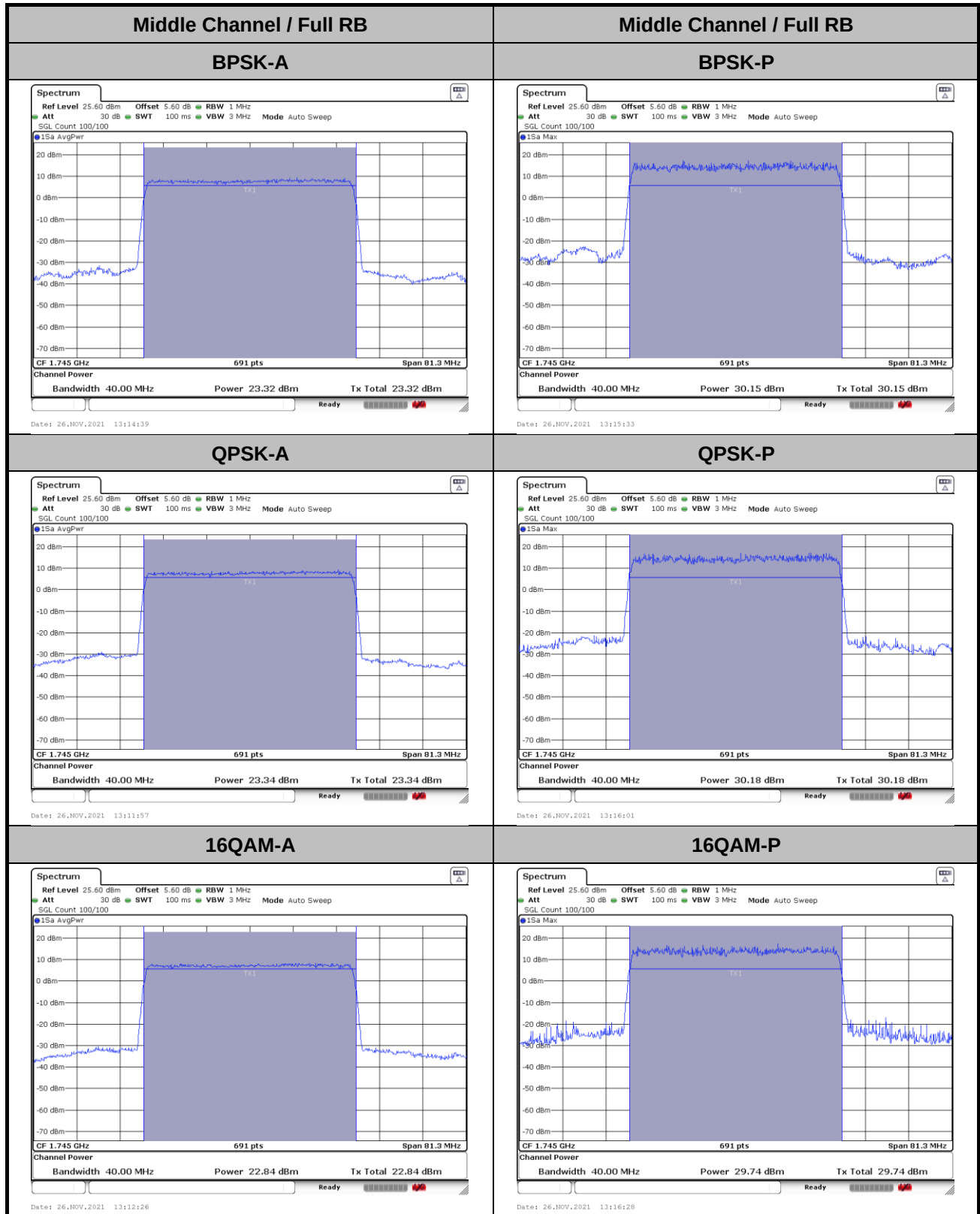
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

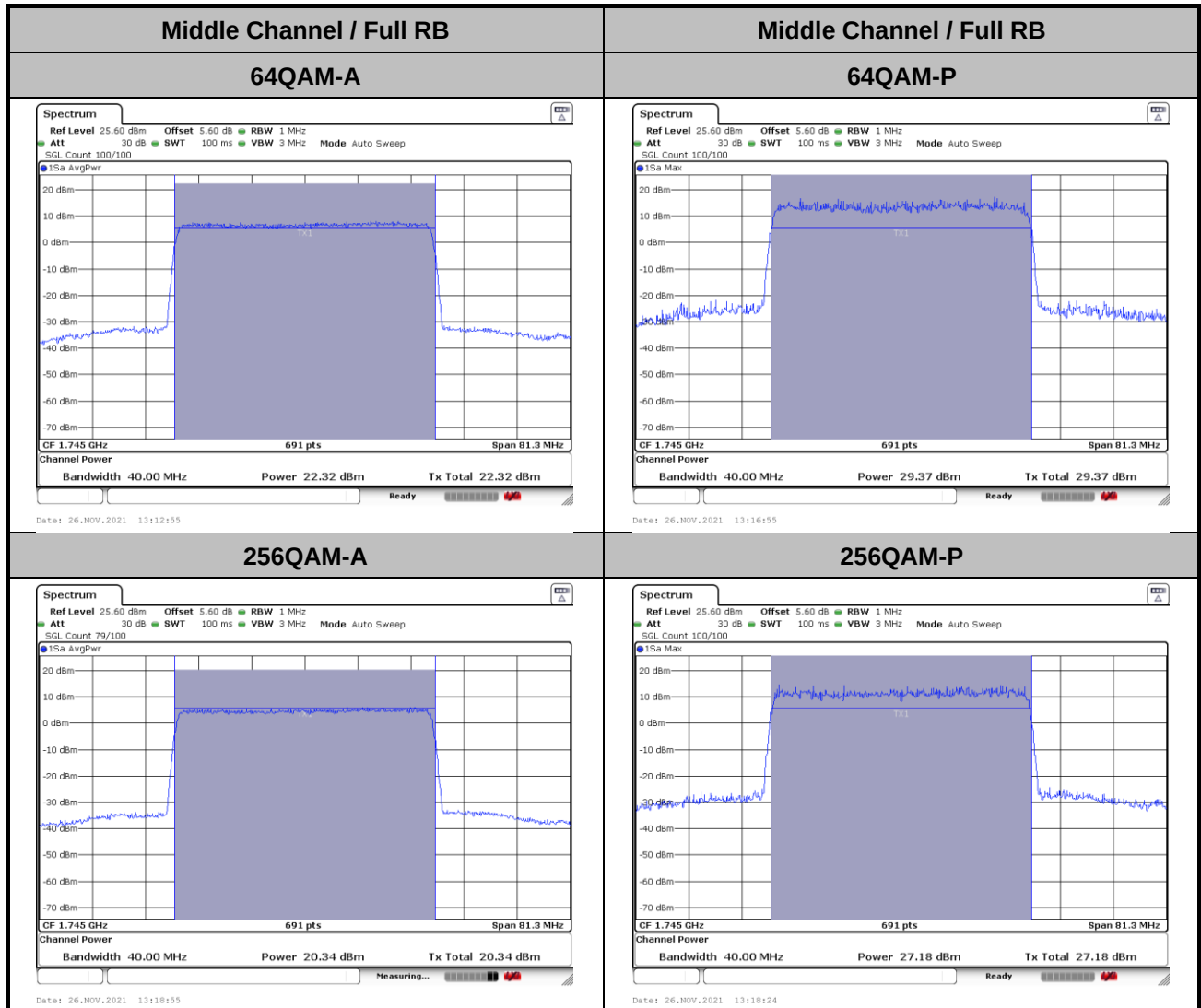


FR1 n66

Peak-to-Average Ratio

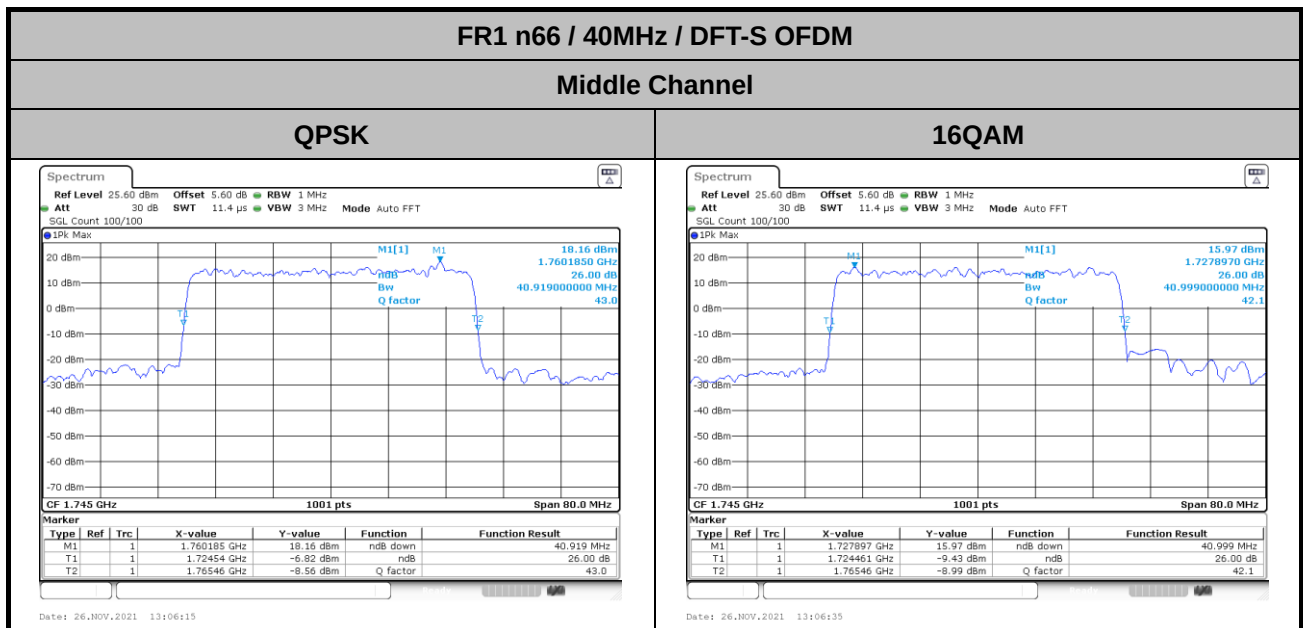
Mode	FR1 n66 / 40MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.83	6.84	6.9	7.05	PASS
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.84				PASS





**26dB Bandwidth**

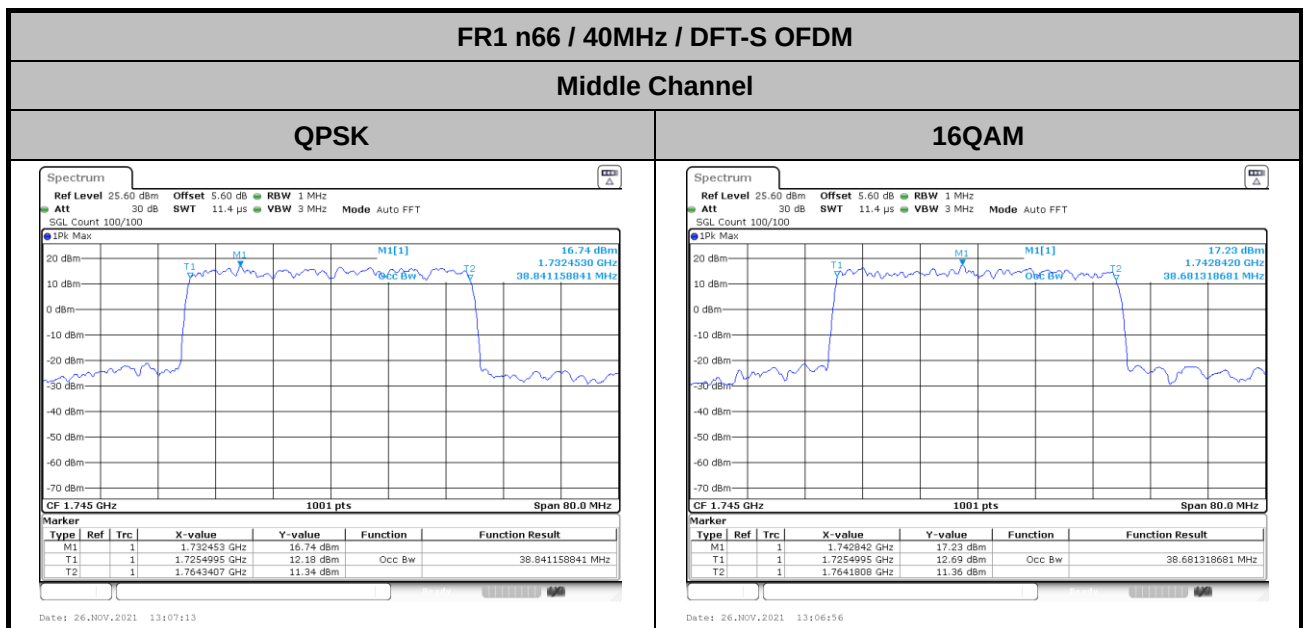
Mode	FR1 n66 : 26dB BW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	40.91	40.99





Occupied Bandwidth

Mode	FR1 n66 : 99%OBW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	38.84	38.68



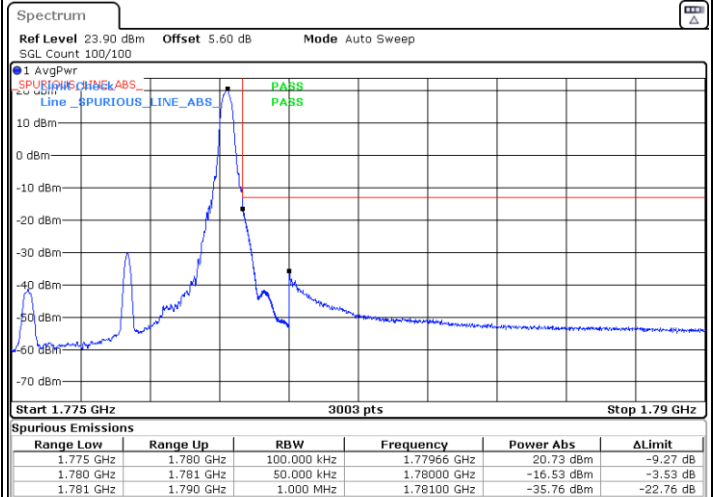
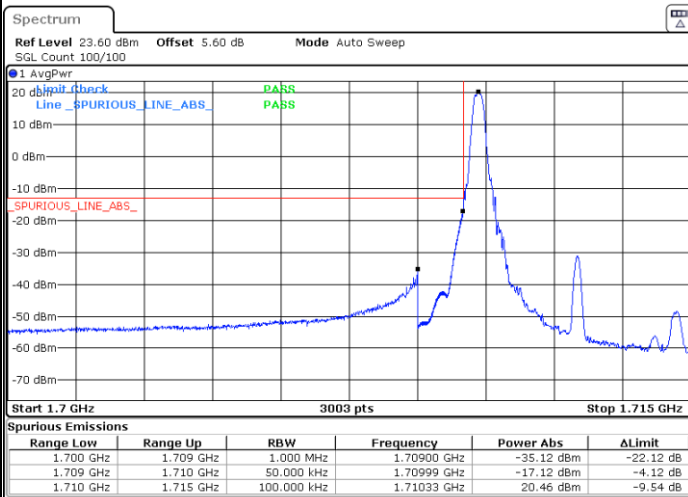


Conducted Band Edge

FR1 n66 / 5MHz / DFT-S OFDM / PI/2 BPSK

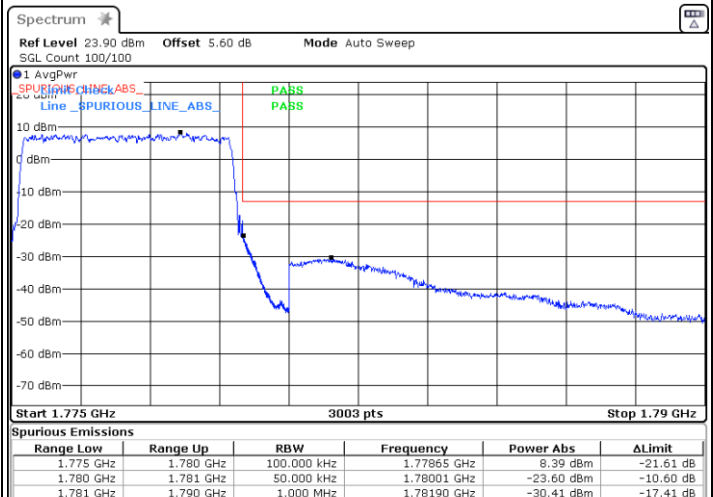
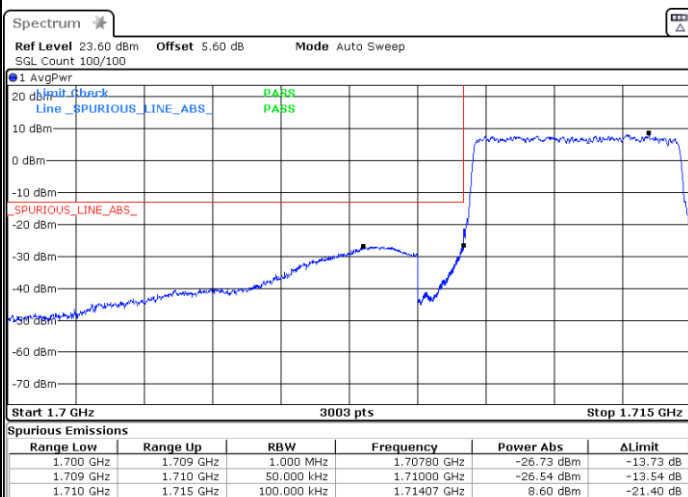
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

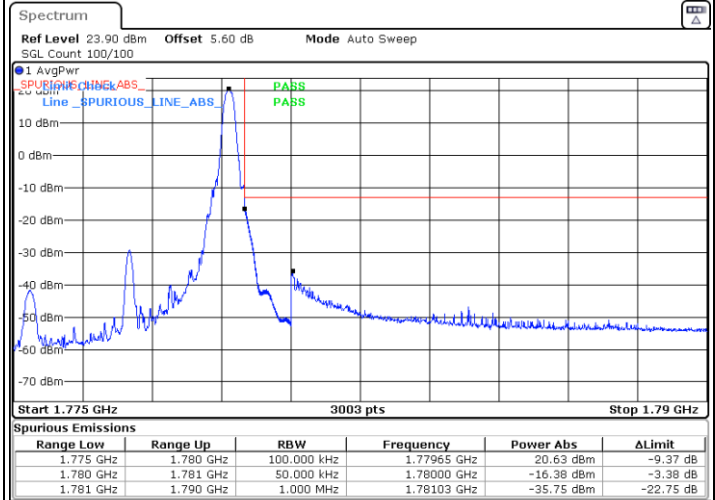
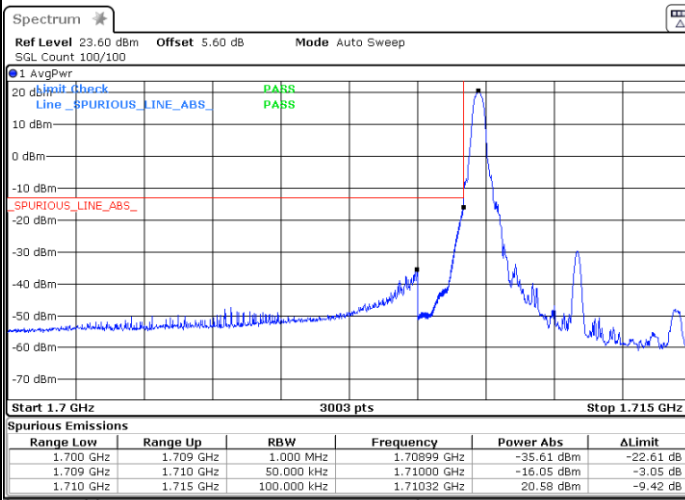




FR1 n66 / 5MHz / DFT-S OFDM / QPSK

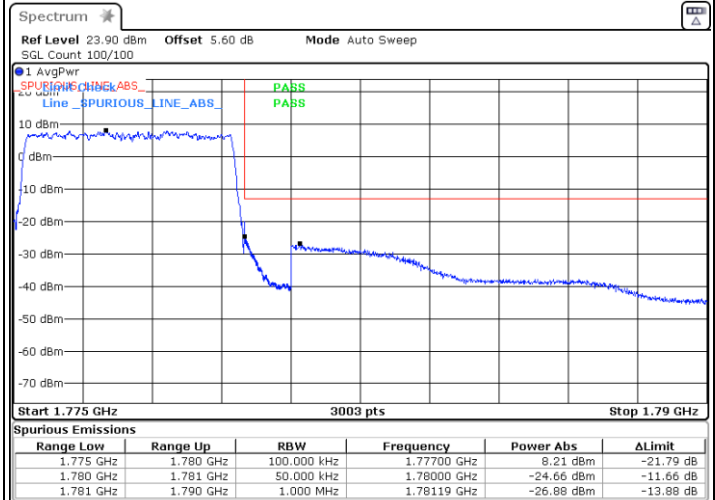
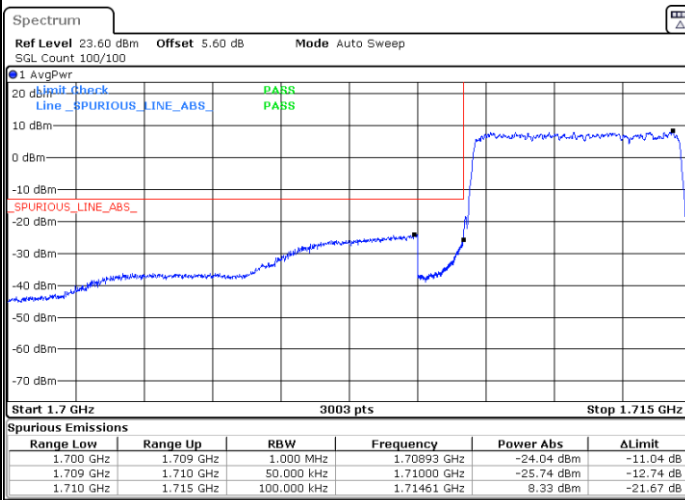
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

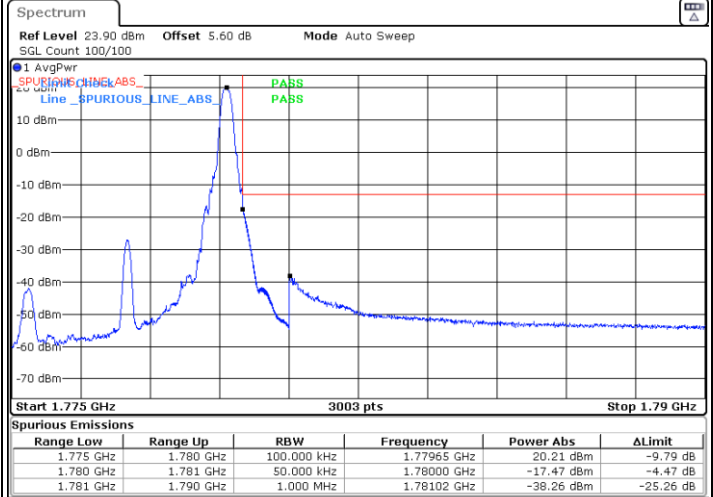
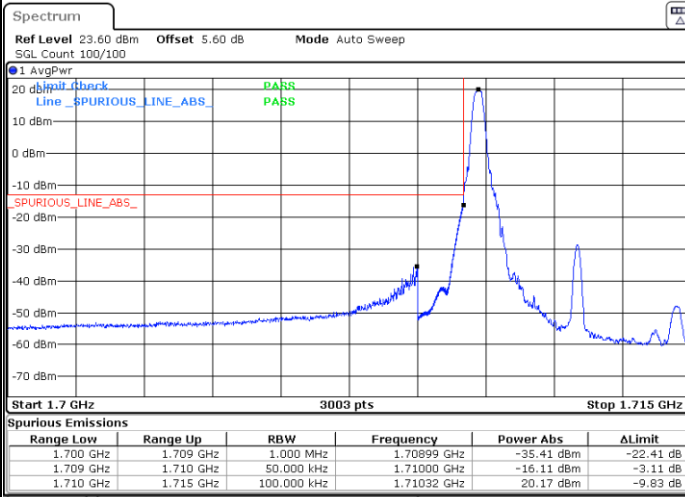




FR1 n66 / 5MHz / DFT-S OFDM / 16Q

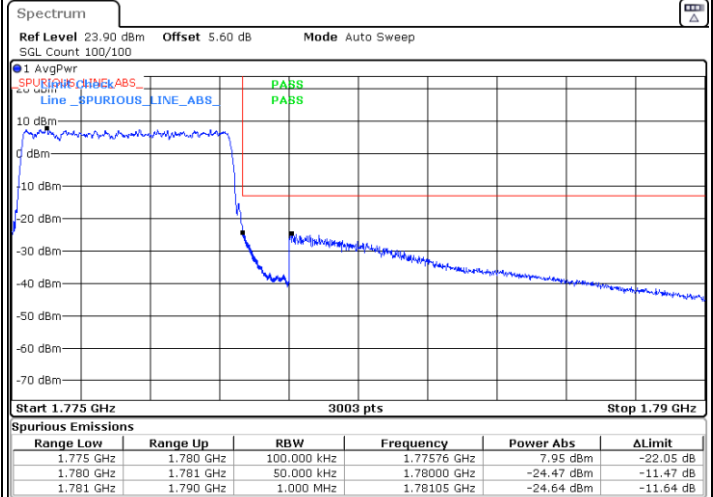
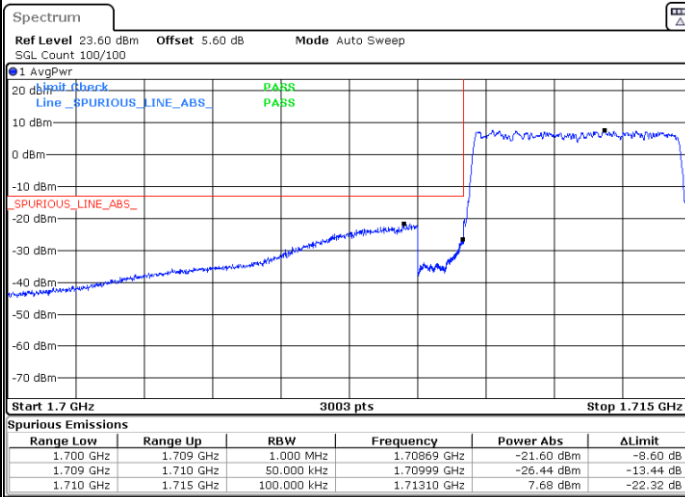
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

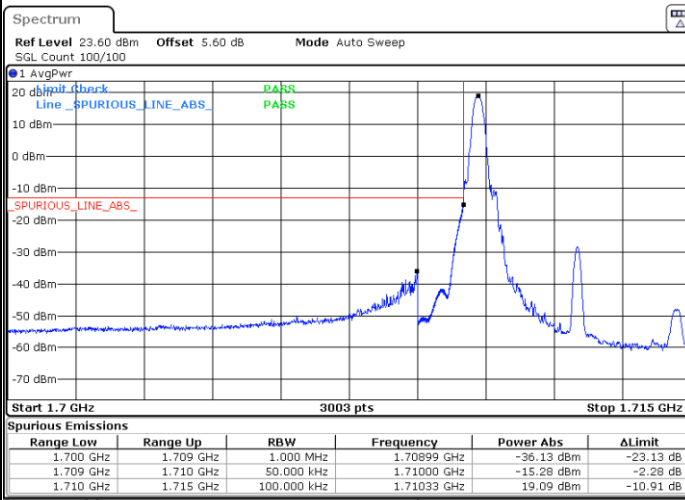




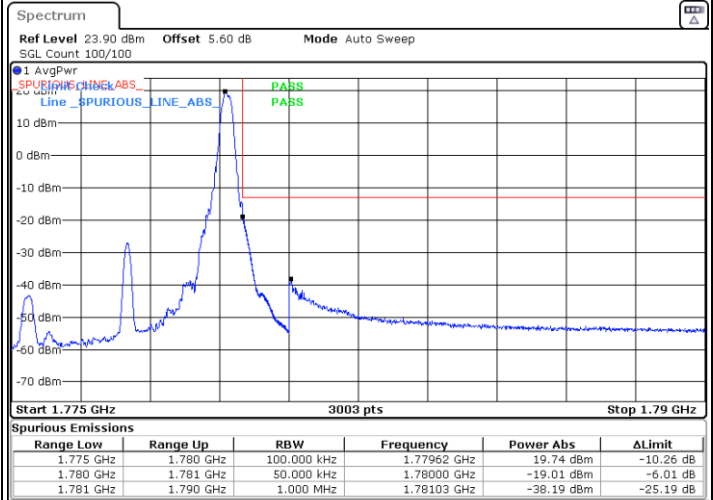
FR1 n66 / 5MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



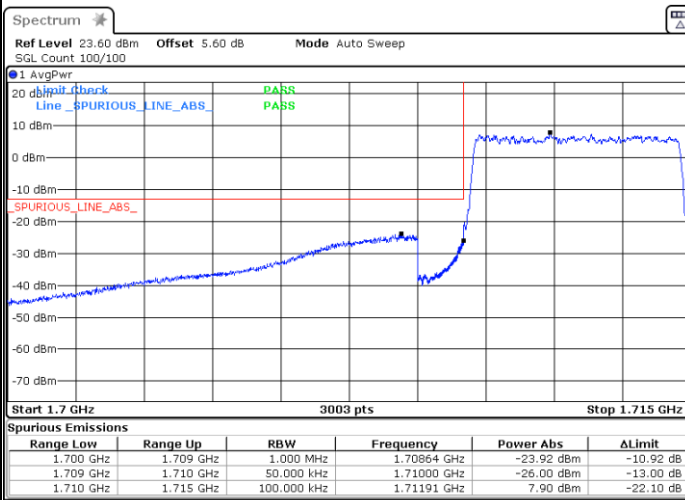
Date: 26.NOV.2021 03:29:07



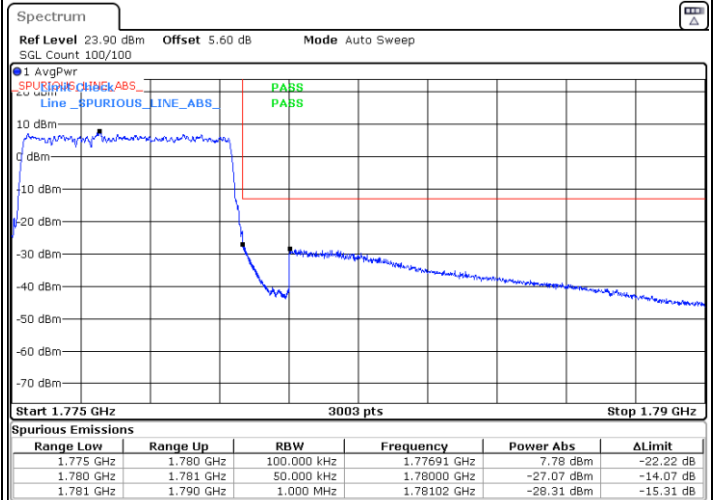
Date: 26.NOV.2021 03:55:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 03:32:26



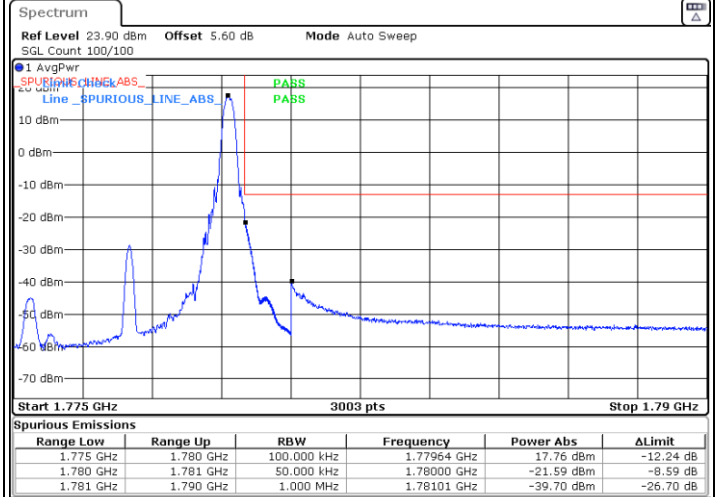
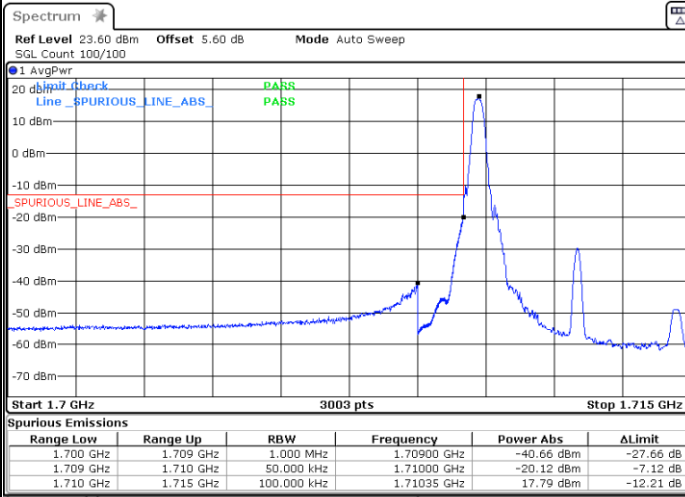
Date: 26.NOV.2021 03:51:40



FR1 n66 / 5MHz / DFT-S OFDM / 256Q

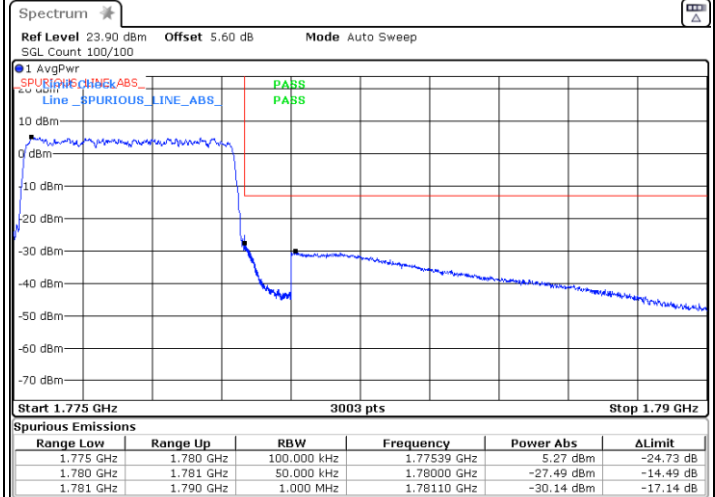
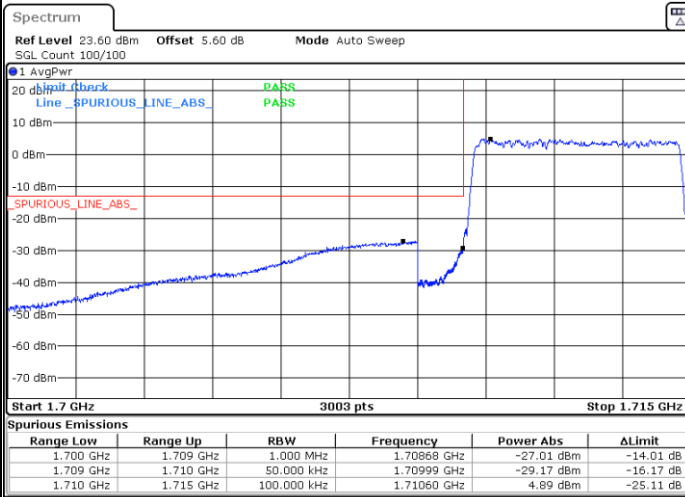
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

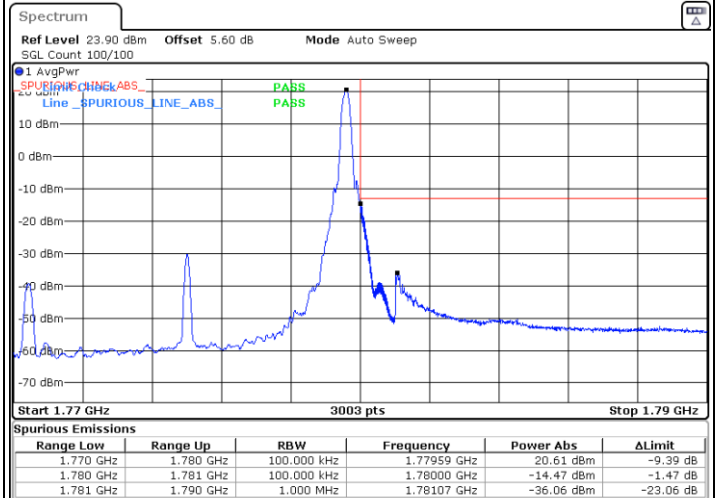
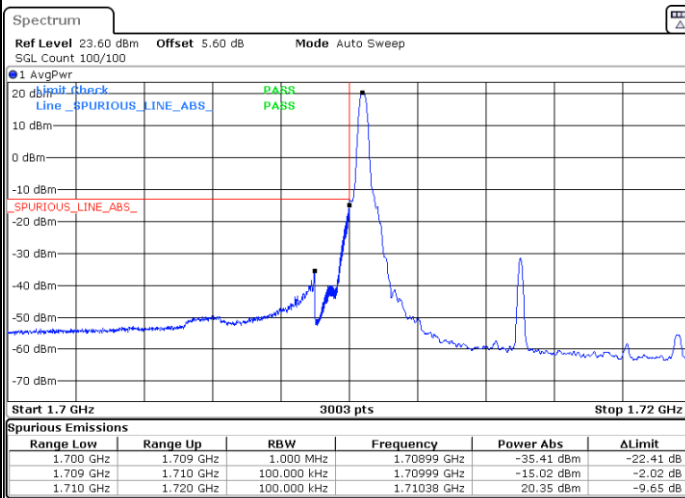




FR1 n66 / 10MHz / DFT-s-OFDM / PI/2 BPSK

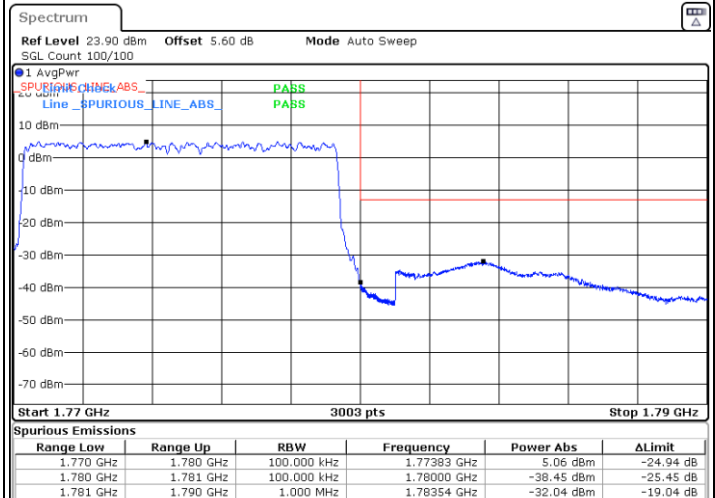
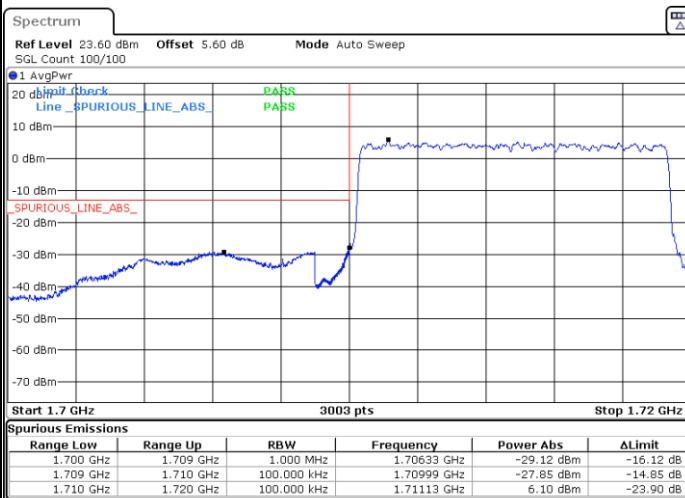
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

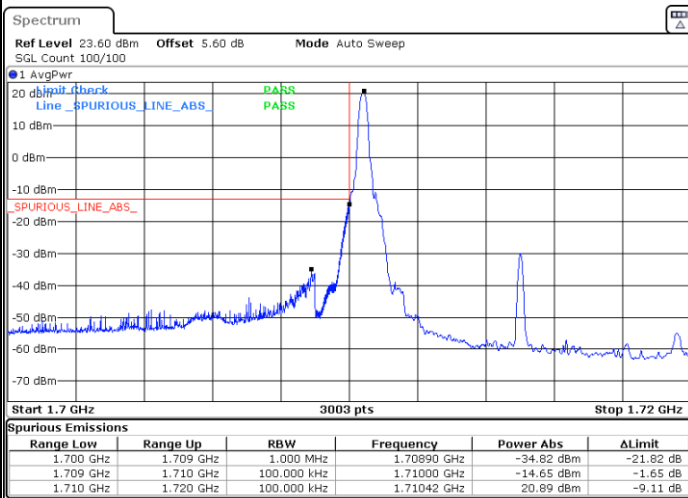




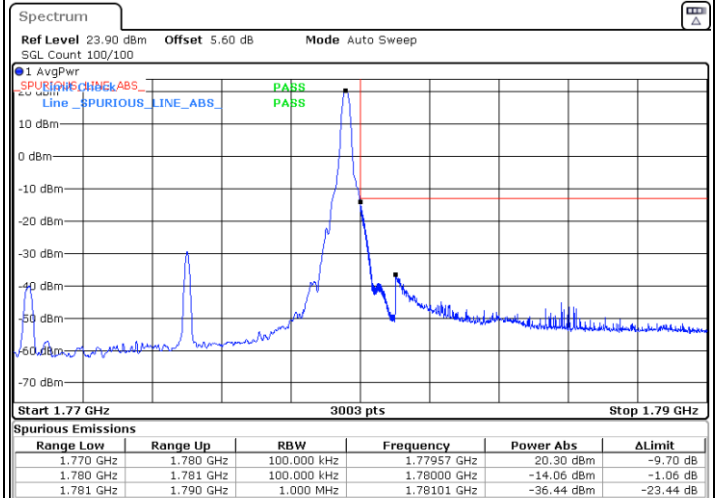
FR1 n66 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



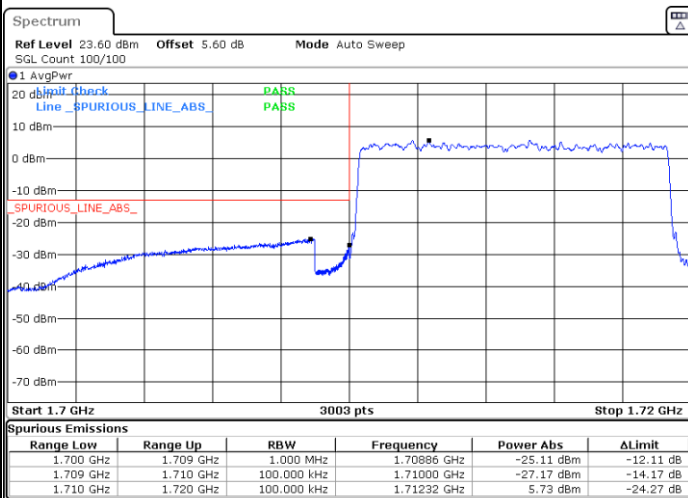
Date: 26.NOV.2021 04:00:54



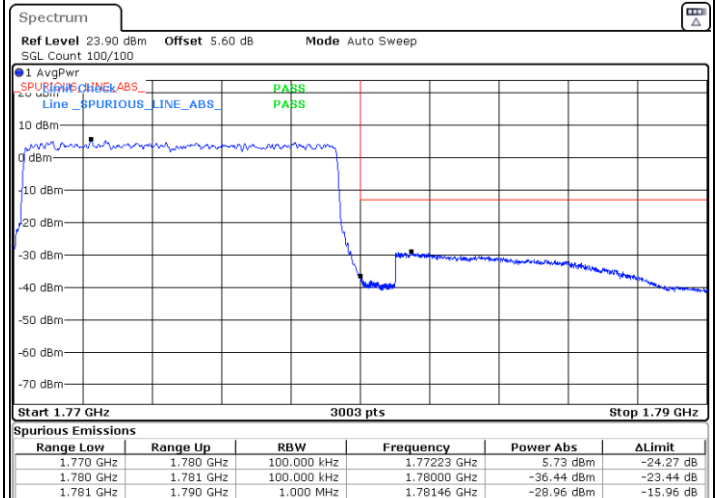
Date: 26.NOV.2021 04:14:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 26.NOV.2021 04:07:52



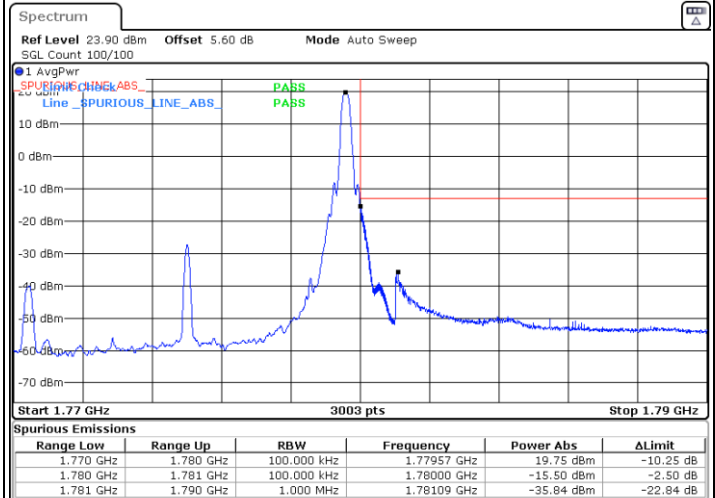
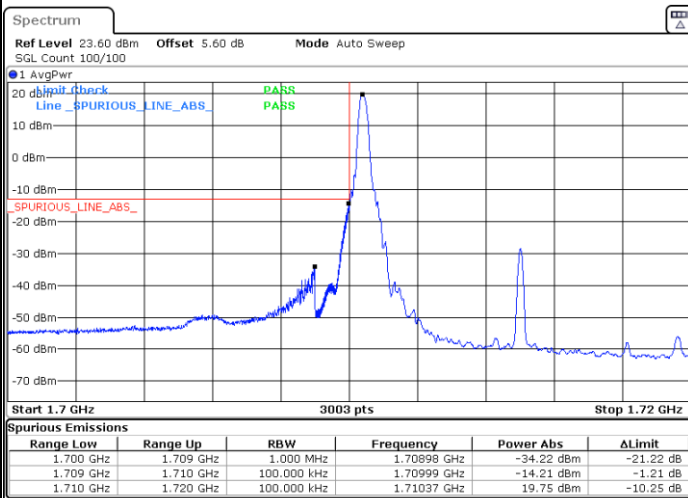
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FR1 n66 / 10MHz / DFT-s-OFDM / 16QAM

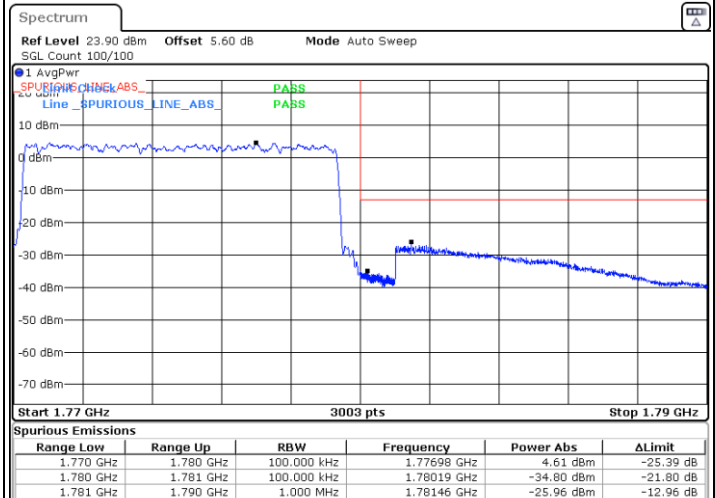
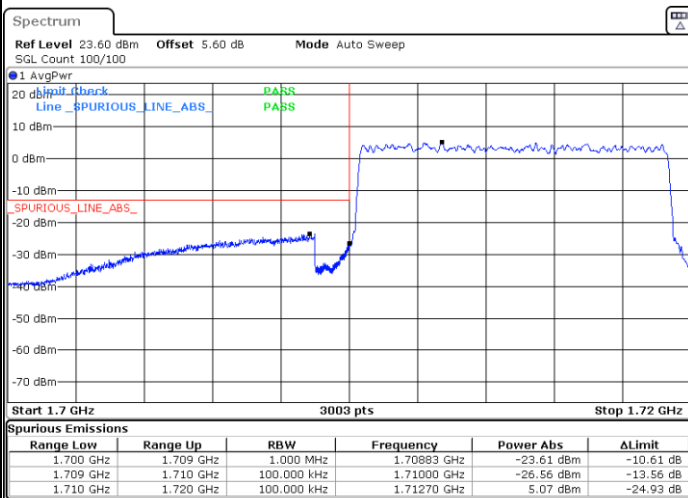
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

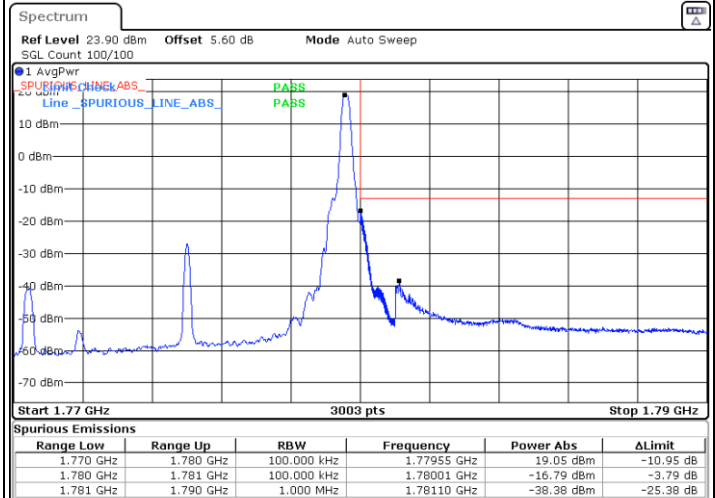
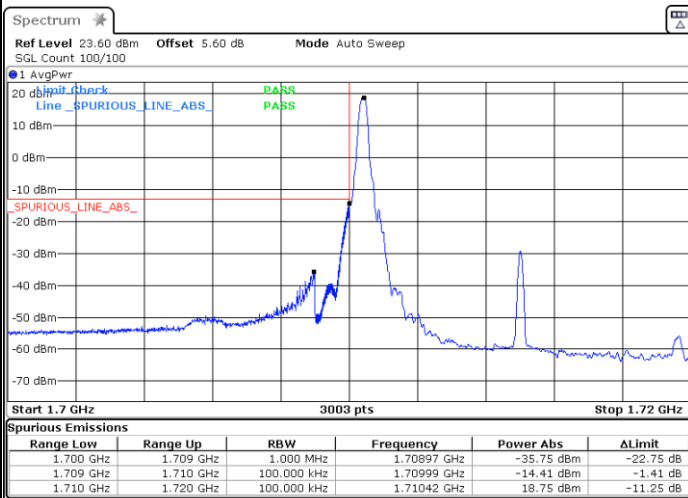




FR1 n66 / 10MHz / DFT-s-OFDM / 64QAM

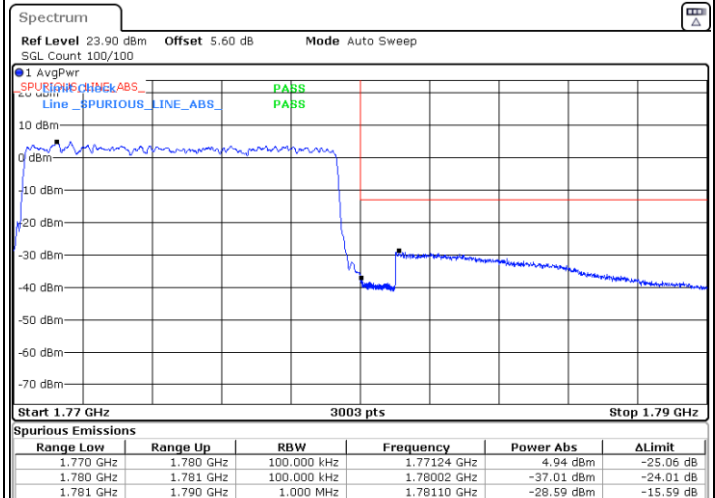
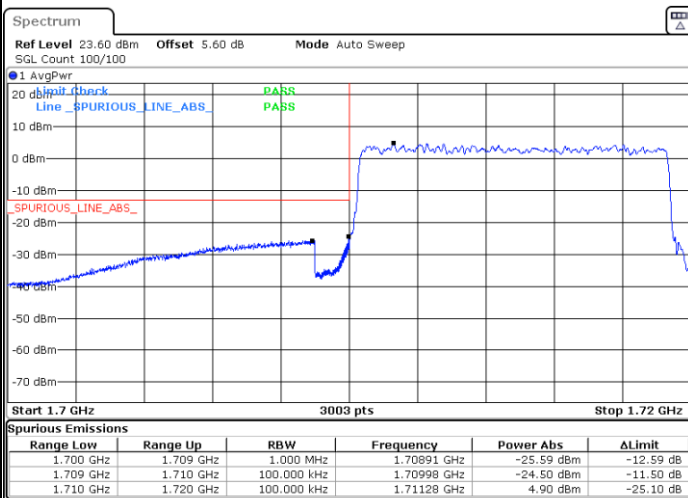
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

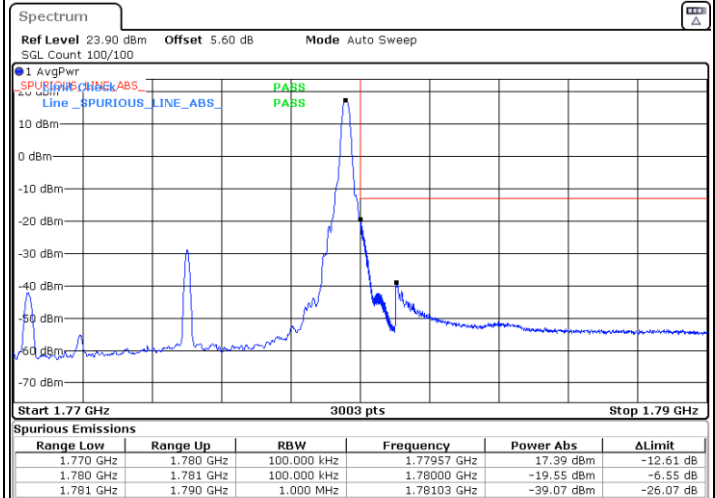
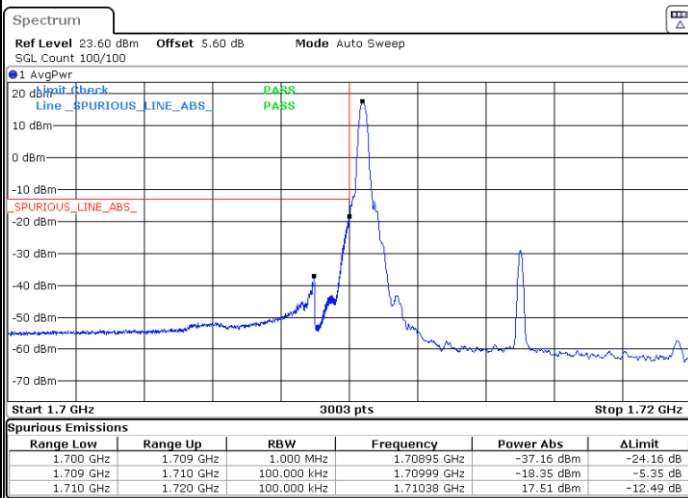




FR1 n66 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

