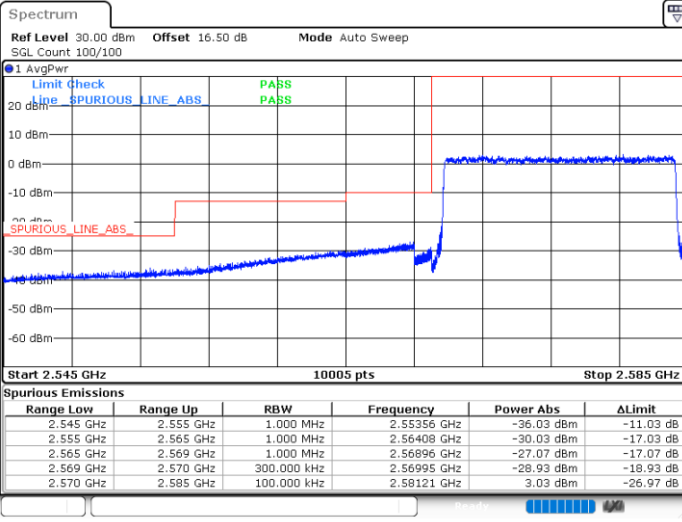




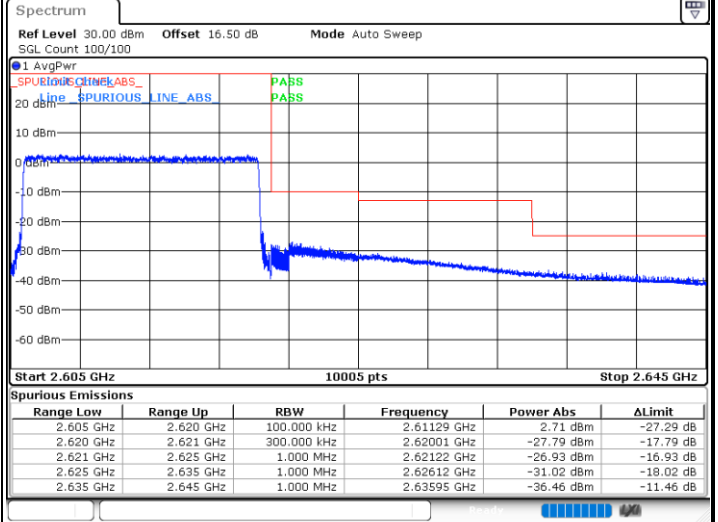
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 27.MAR.2024 12:21:08

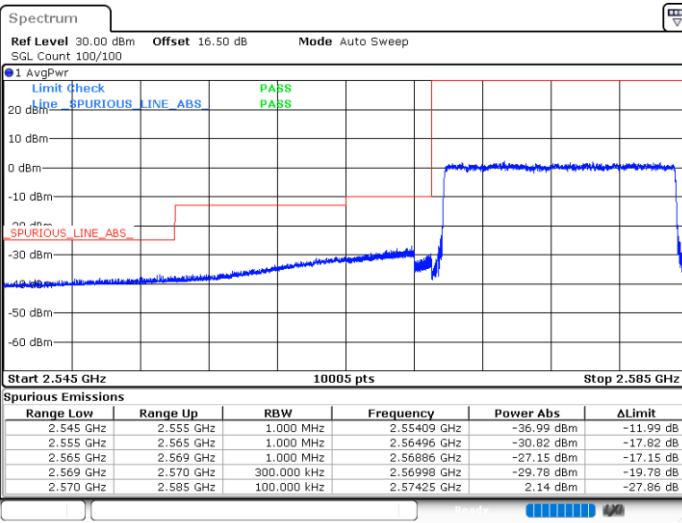
Highest Band Edge / Full RB



Date: 27.MAR.2024 12:26:24

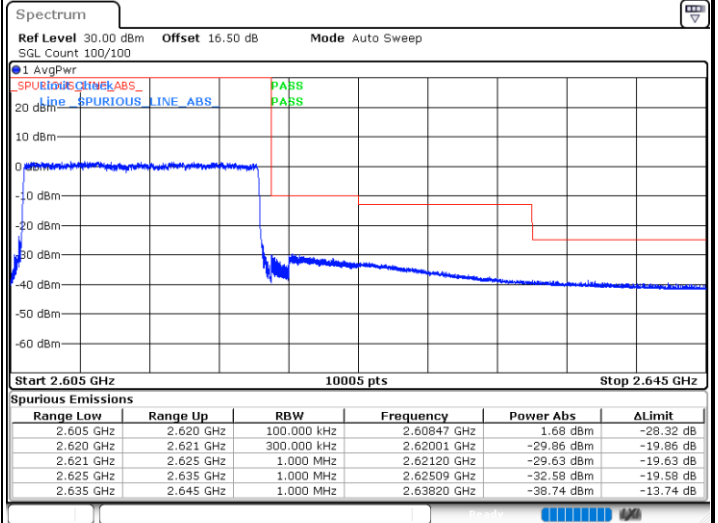
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 27.MAR.2024 12:22:51

Highest Band Edge / Full RB



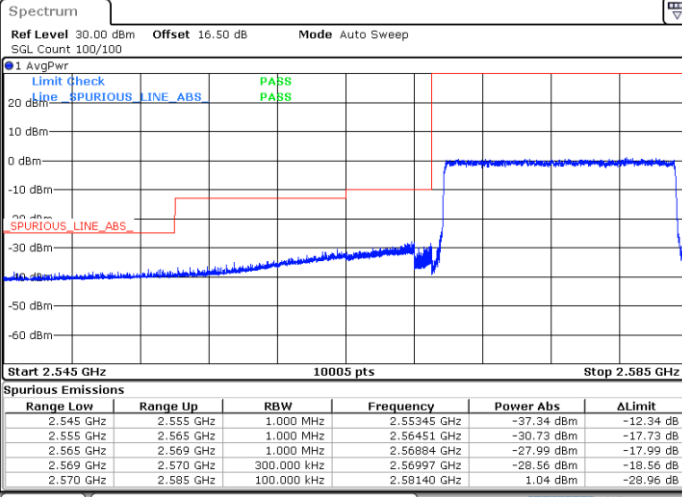
Date: 27.MAR.2024 12:28:03



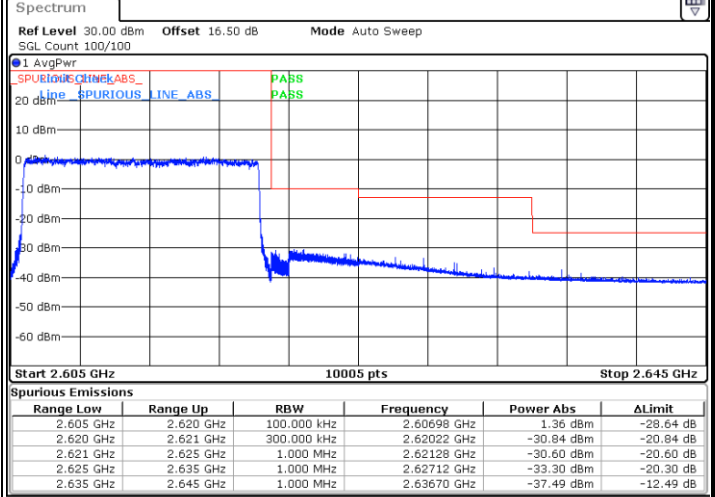
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAR.2024 12:24:38



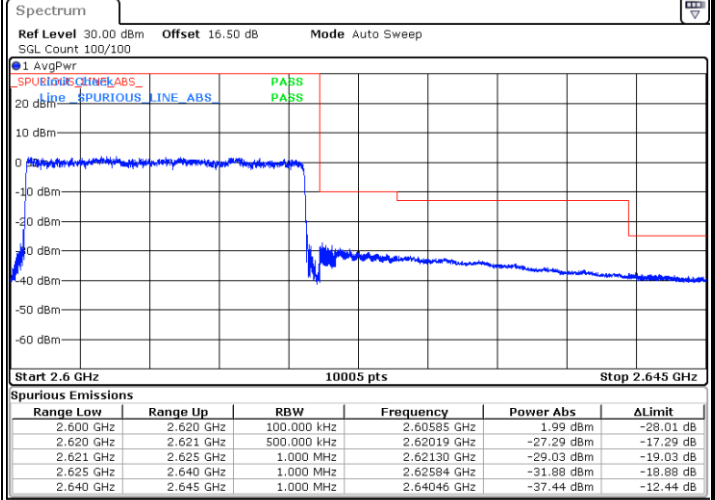
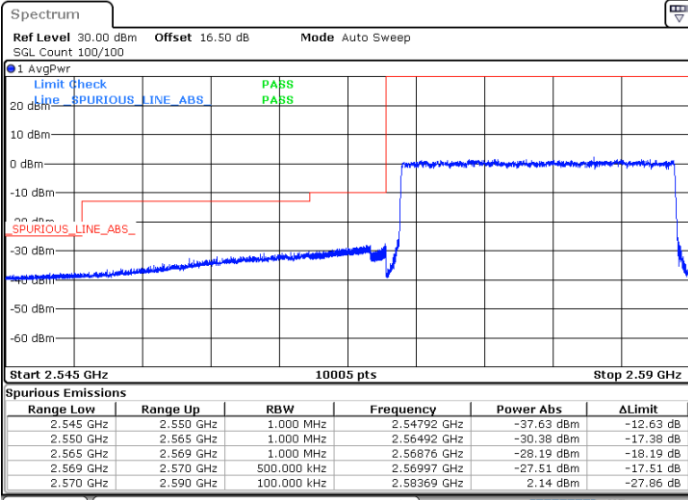
Date: 27.MAR.2024 12:29:59



LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



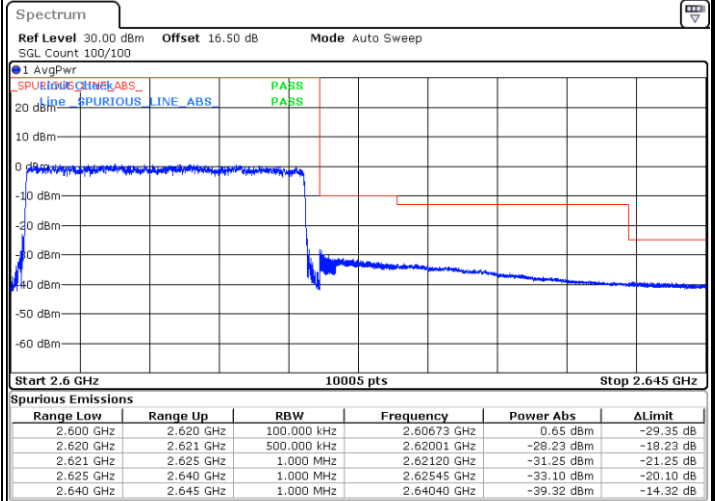
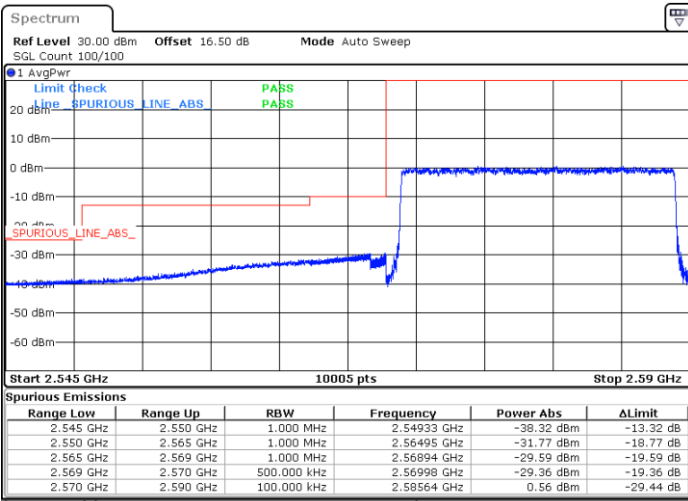
Date: 27.MAR.2024 12:41:59

Date: 27.MAR.2024 12:47:27

LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAR.2024 12:43:45

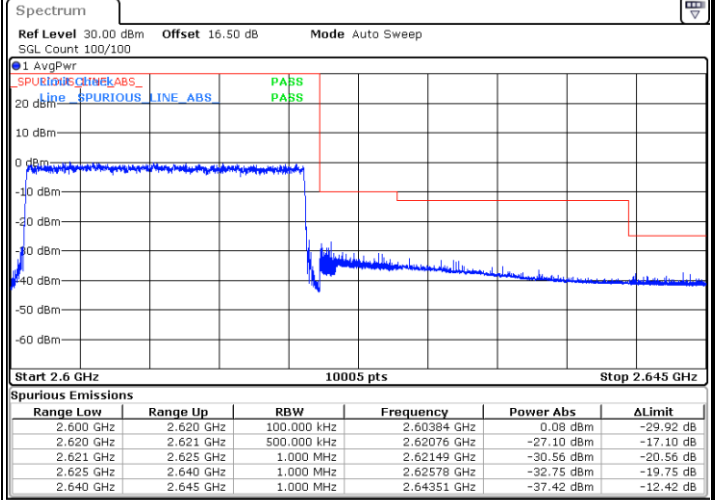
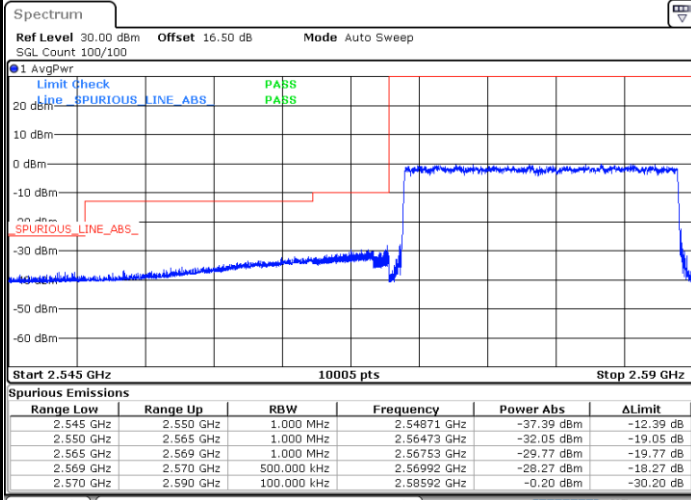
Date: 27.MAR.2024 12:49:08



LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.MAR.2024 12:45:41

Date: 27.MAR.2024 12:50:41

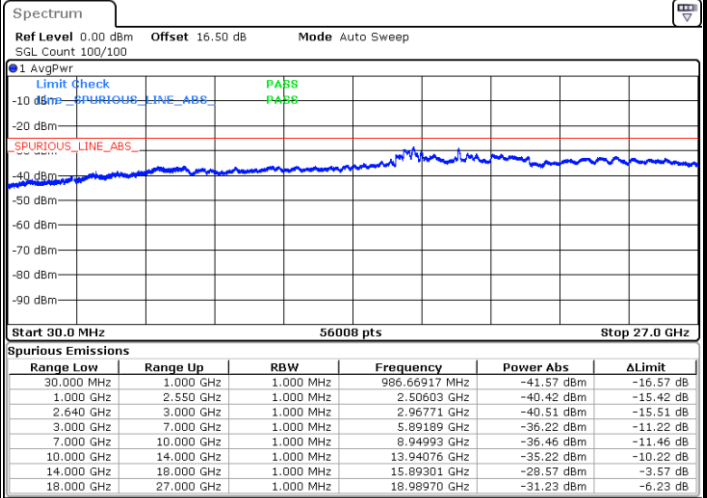
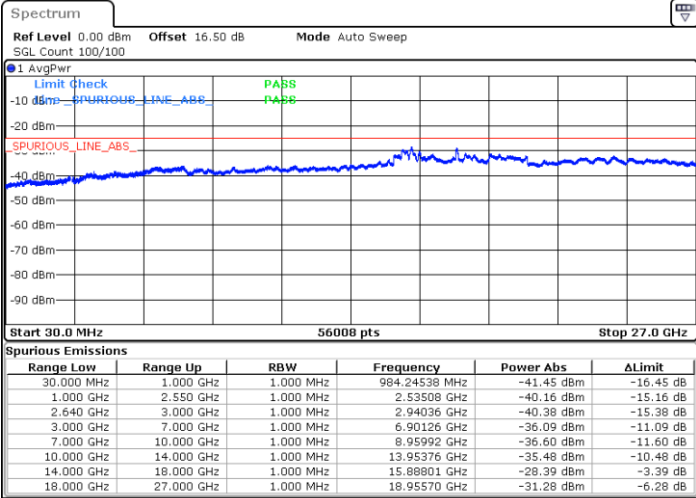


Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

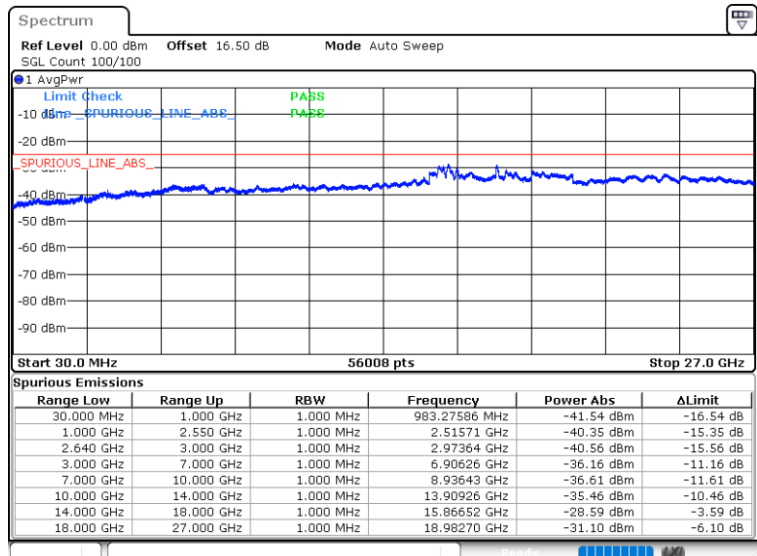
Middle Channel / QPSK



Date: 27.MAR.2024 11:55:31

Date: 27.MAR.2024 11:57:11

Highest Channel / QPSK



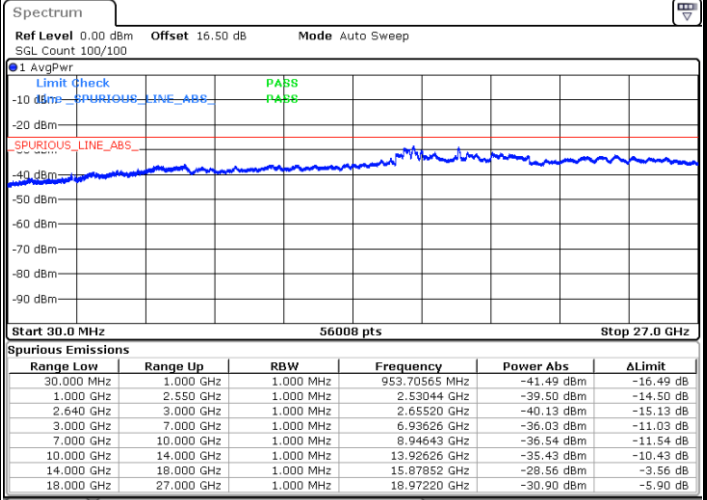
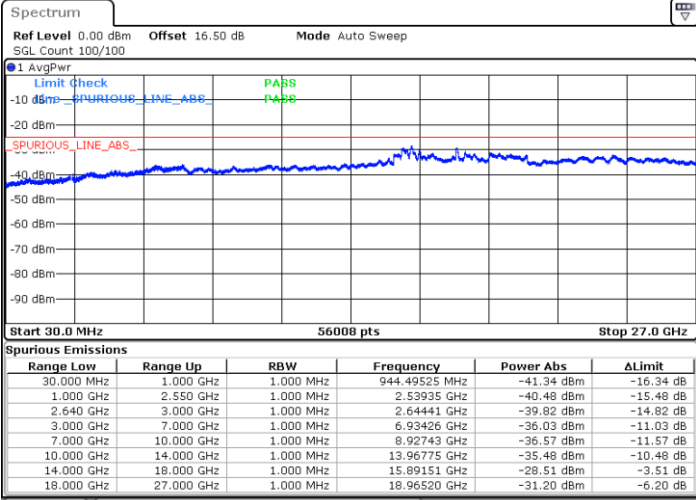
Date: 27.MAR.2024 11:58:57



LTE Band 38 / 10MHz

Lowest Channel / QPSK

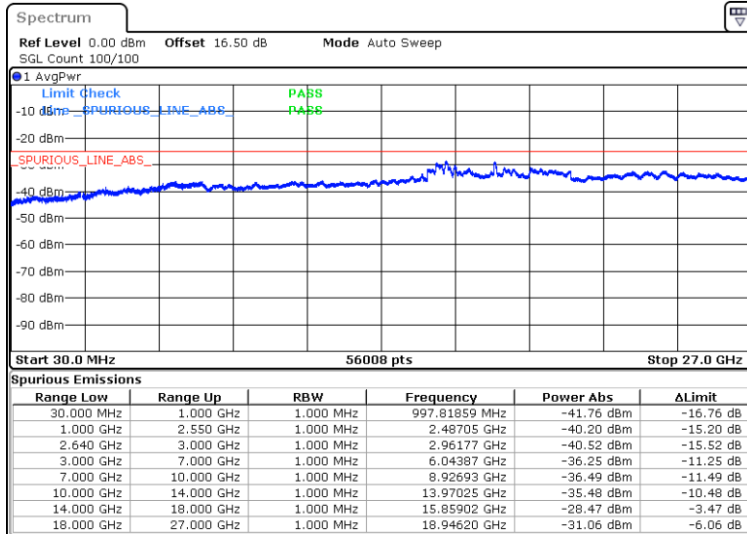
Middle Channel / QPSK



Date: 27.MAR.2024 12:16:05

Date: 27.MAR.2024 12:17:46

Highest Channel / QPSK



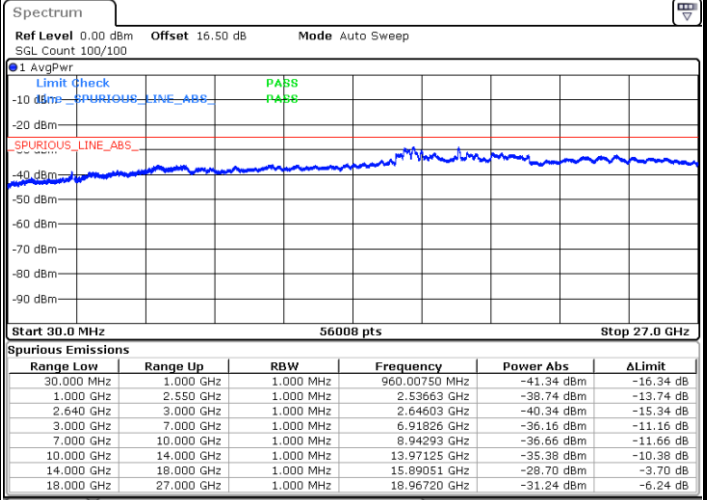
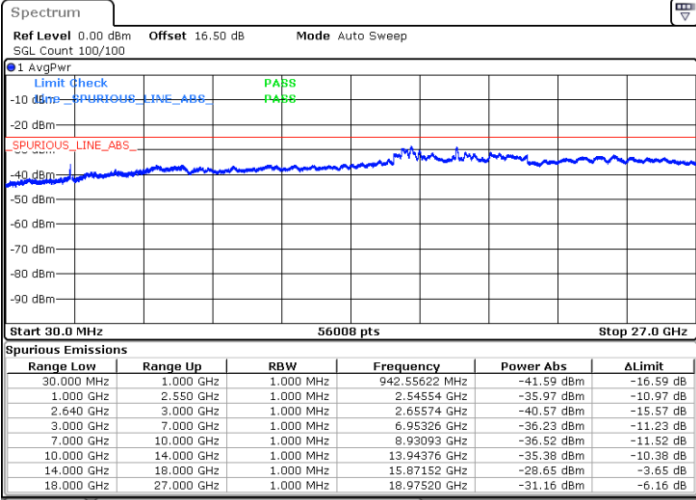
Date: 27.MAR.2024 12:19:26



LTE Band 38 / 15MHz

Lowest Channel / QPSK

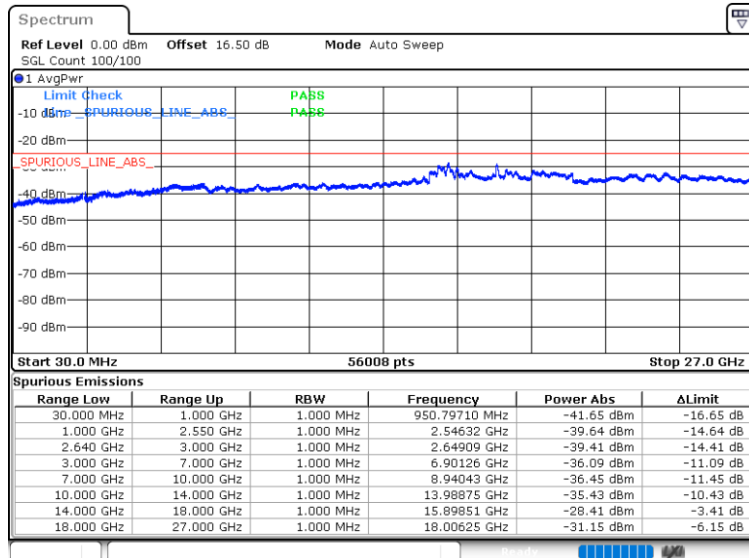
Middle Channel / QPSK



Date: 27.MAR.2024 12:37:01

Date: 27.MAR.2024 12:38:36

Highest Channel / QPSK



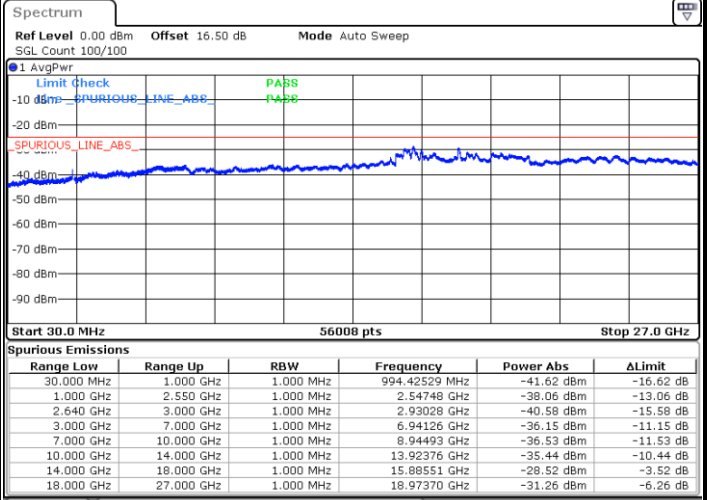
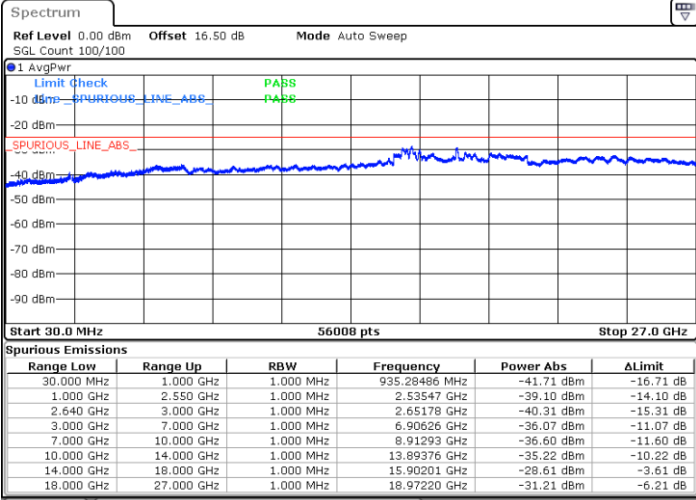
Date: 27.MAR.2024 12:40:21



LTE Band 38 / 20MHz

Lowest Channel / QPSK

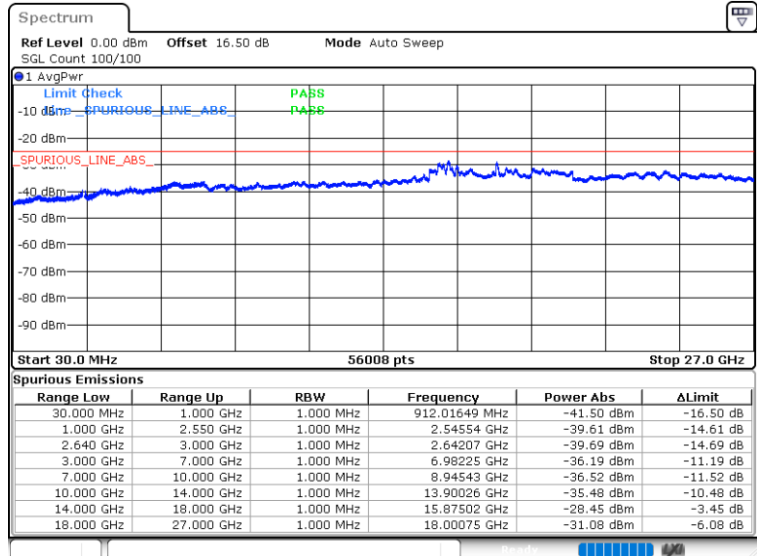
Middle Channel / QPSK



Date: 27.MAR.2024 12:57:47

Date: 27.MAR.2024 12:59:29

Highest Channel / QPSK



Date: 27.MAR.2024 13:01:06



Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.87 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 38C

26dB Bandwidth

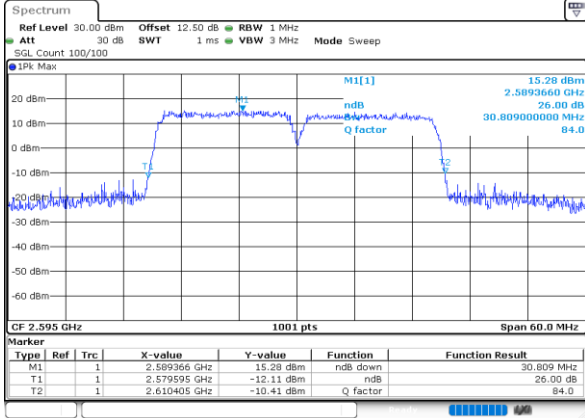
Mode	LTE Band 38C : 26dB BW(MHz)			
	QPSK	16QAM	64QAM	256QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Middle CH	30.80	30.80	30.68	-
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Middle CH	39.96	40.11	40.03	-



LTE Band 38C

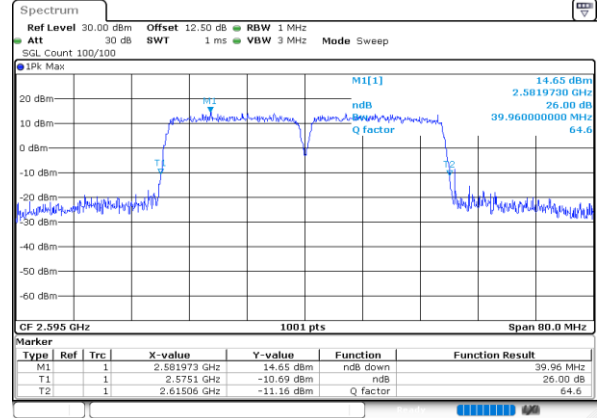
QPSK

Middle Channel / 15MHz+15MHz



Date: 22.MAR.2024 10:25:56

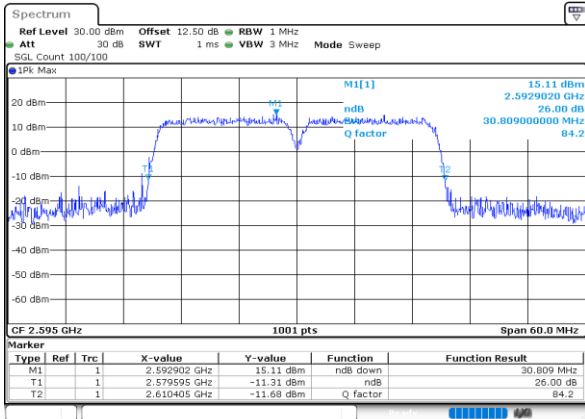
Middle Channel / 20MHz+20MHz



Date: 22.MAR.2024 12:16:20

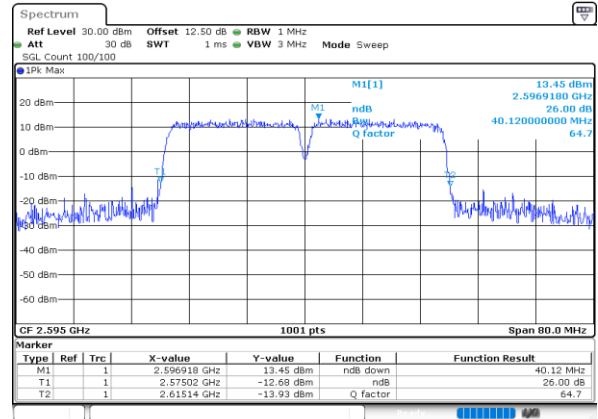
16QAM

Middle Channel / 15MHz+15MHz



Date: 22.MAR.2024 10:26:57

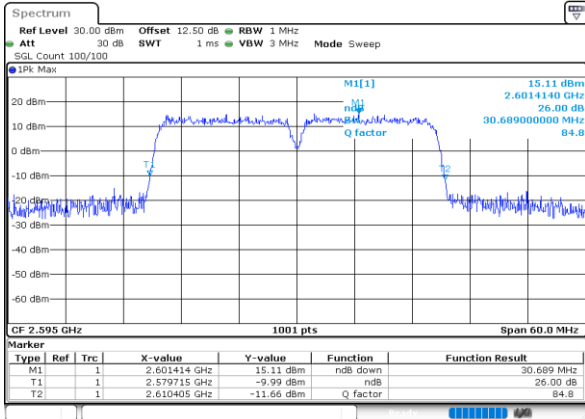
Middle Channel / 20MHz+20MHz



Date: 22.MAR.2024 12:17:26

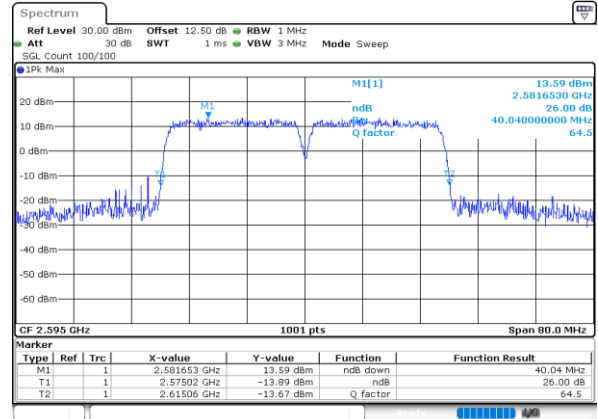
64QAM

Middle Channel / 15MHz+15MHz



Date: 22.MAR.2024 10:28:06

Middle Channel / 20MHz+20MHz



Date: 22.MAR.2024 12:18:22



Occupied Bandwidth

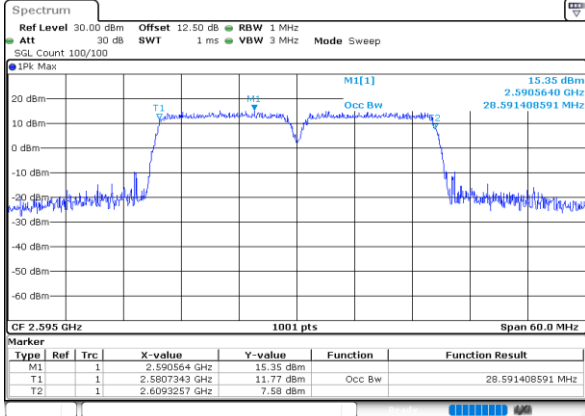
Mode	LTE Band 38C : 99%OBW(MHz)			
	QPSK	16QAM	64QAM	256QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Middle CH	28.59	28.53	28.53	-
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.56	37.64	-



LTE Band 38C

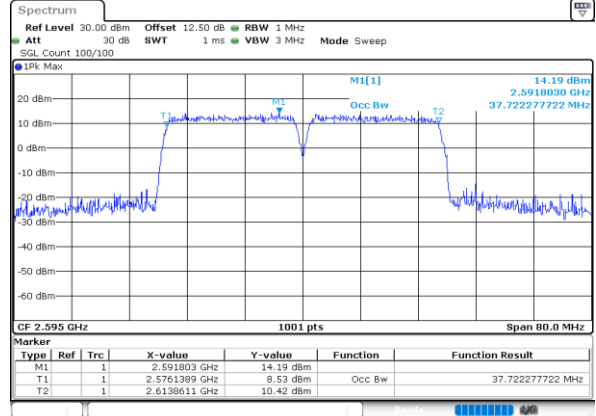
QPSK

Middle Channel / 15MHz+15MHz



Date: 22.MAR.2024 10:22:56

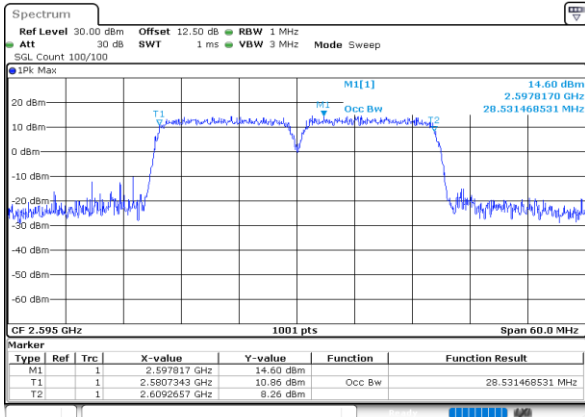
Middle Channel / 20MHz+20MHz



Date: 22.MAR.2024 12:13:16

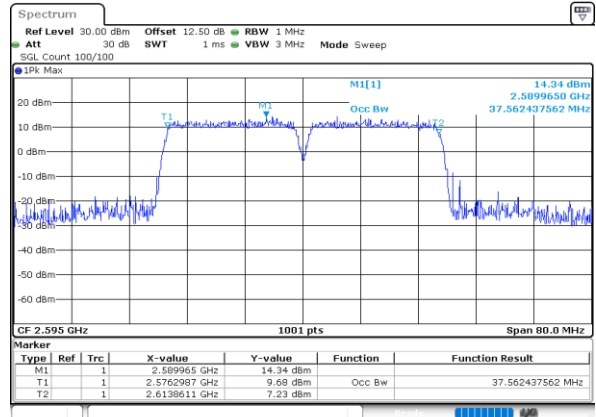
16QAM

Middle Channel / 15MHz+15MHz



Date: 22.MAR.2024 10:23:50

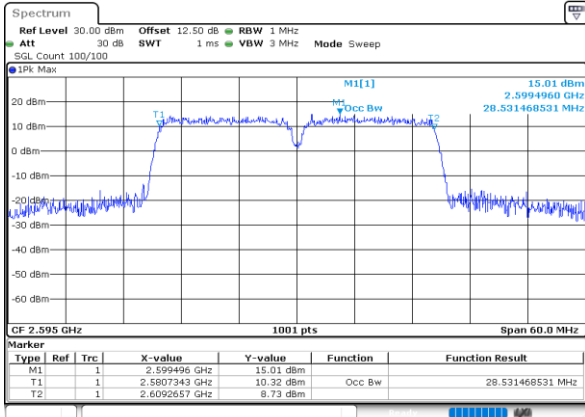
Middle Channel / 20MHz+20MHz



Date: 22.MAR.2024 12:14:17

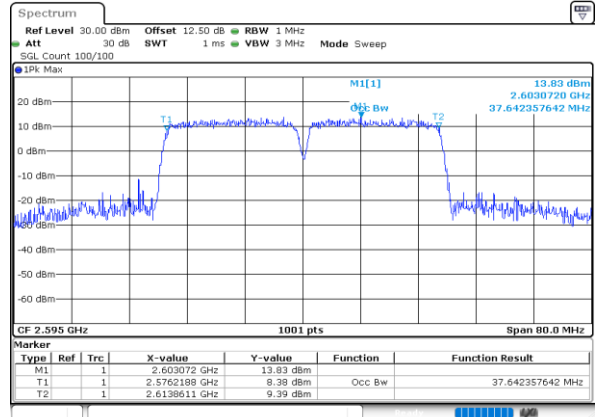
64QAM

Middle Channel / 15MHz+15MHz



Date: 22.MAR.2024 10:24:56

Middle Channel / 20MHz+20MHz



Date: 22.MAR.2024 12:15:11

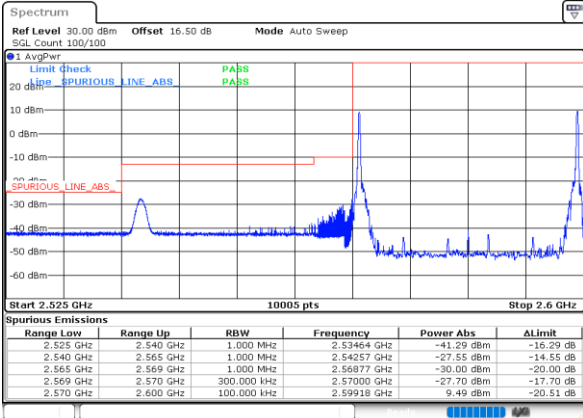


Conducted Band Edge

LTE Band 38C / 15MHz+15MHz

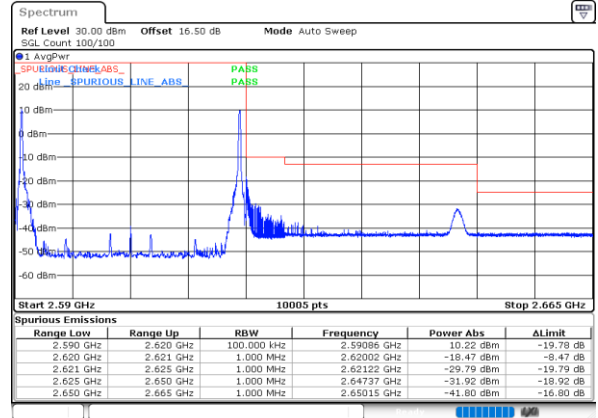
QPSK

Lowest Band Edge / 1RB0 and 1RB74



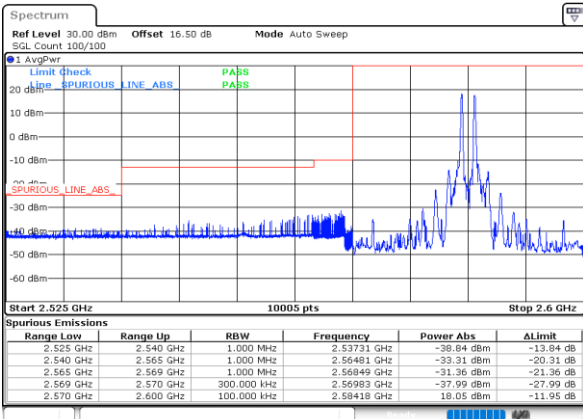
Date: 22.MAR.2024 09:57:17

Highest Band Edge / 1RB0 and 1RB74



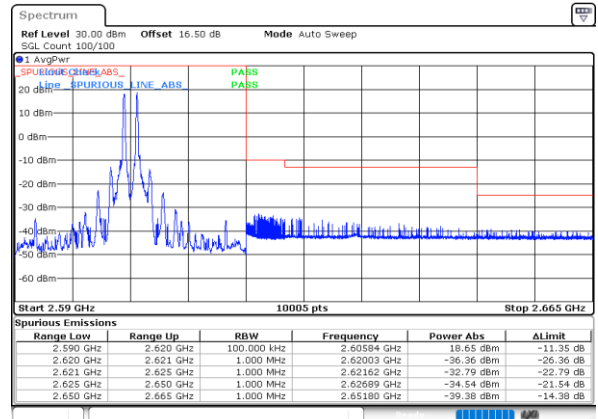
Date: 22.MAR.2024 11:04:30

Lowest Band Edge / 1RB74 and 1RB0



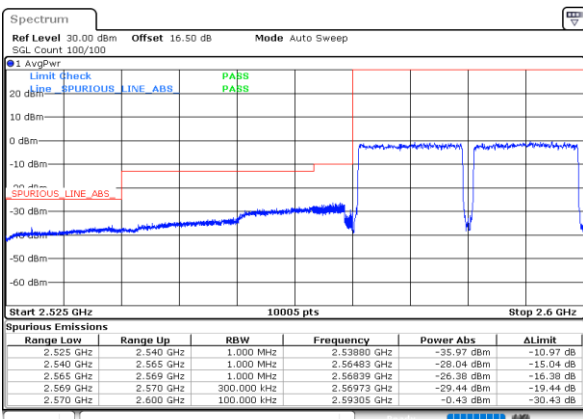
Date: 22.MAR.2024 10:01:56

Highest Band Edge / 1RB74 and 1RB0



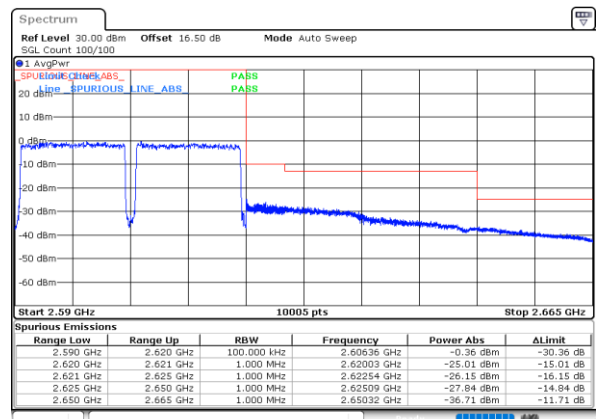
Date: 22.MAR.2024 11:09:19

Lowest Band Edge / Full RB



Date: 22.MAR.2024 09:52:25

Highest Band Edge / Full RB



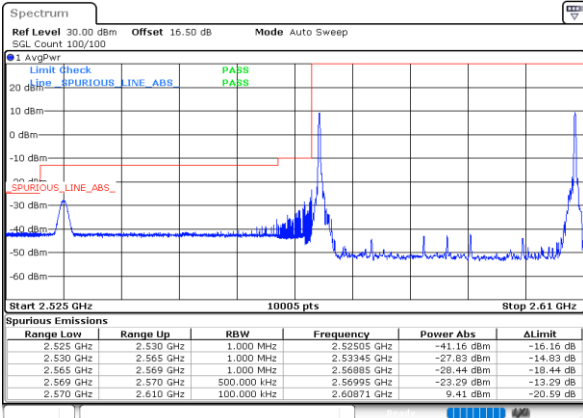
Date: 22.MAR.2024 10:59:49



LTE Band 38C / 20MHz+20MHz

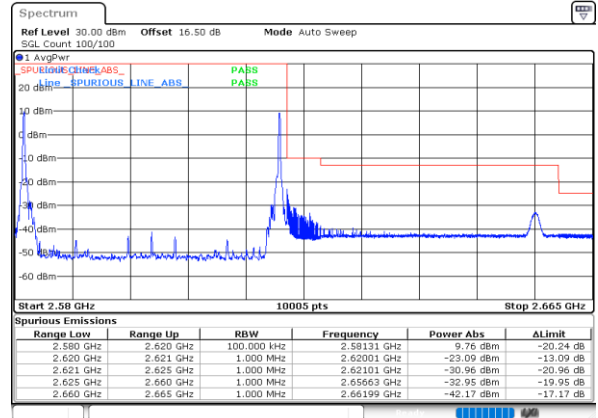
QPSK

Lowest Band Edge / 1RB0 and 1RB99



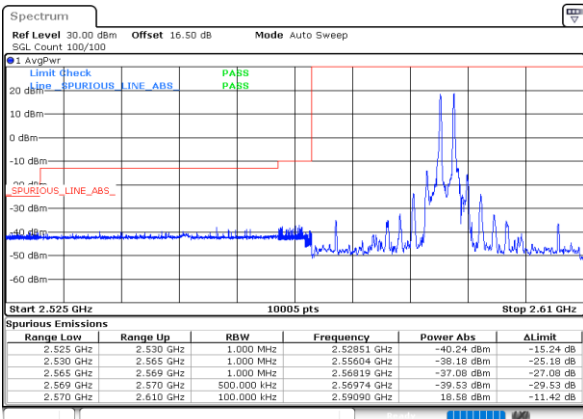
Date: 22.MAR.2024 11:47:09

Highest Band Edge / 1RB0 and 1RB99



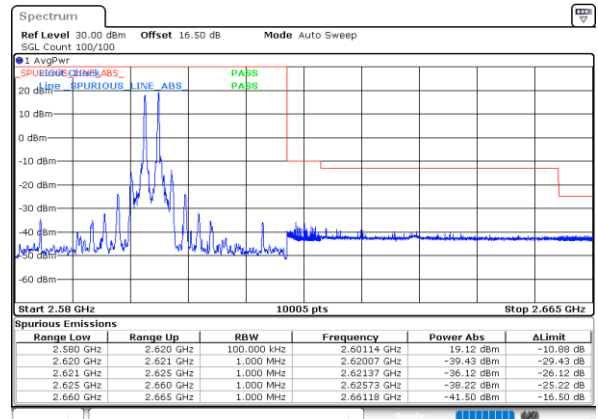
Date: 22.MAR.2024 12:14:06

Lowest Band Edge / 1RB99 and 1RB0



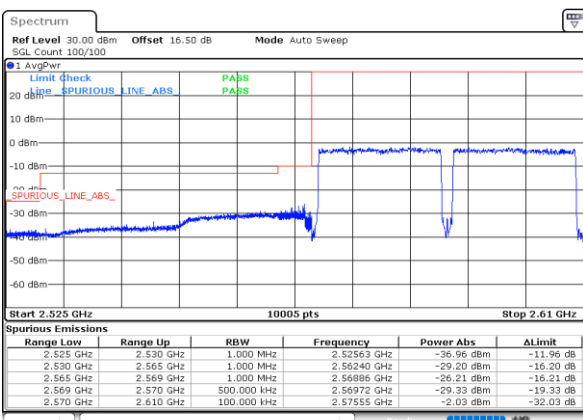
Date: 22.MAR.2024 11:51:54

Highest Band Edge / 1RB99 and 1RB0



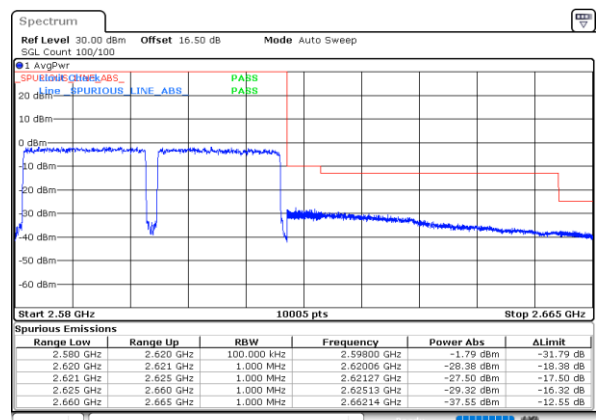
Date: 22.MAR.2024 12:52:54

Lowest Band Edge / Full RB



Date: 22.MAR.2024 11:42:00

Highest Band Edge / Full RB



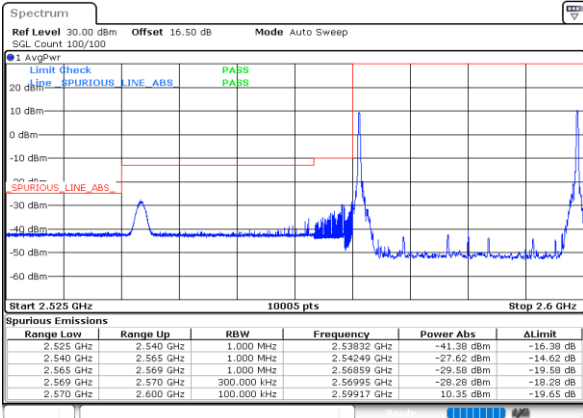
Date: 22.MAR.2024 12:14:30



LTE Band 38C / 15MHz+15MHz

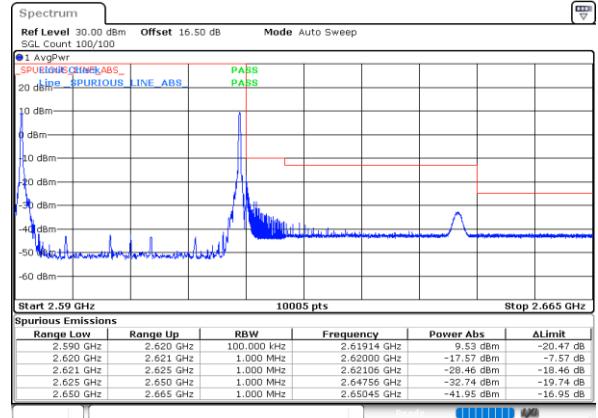
16QAM

Lowest Band Edge / 1RB0 and 1RB74



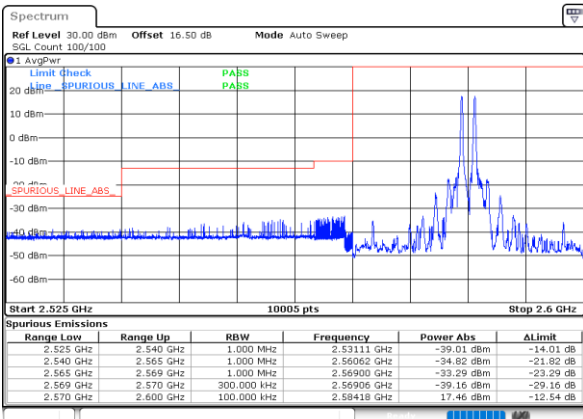
Date: 22.MAR.2024 09:58:49

Highest Band Edge / 1RB0 and 1RB74



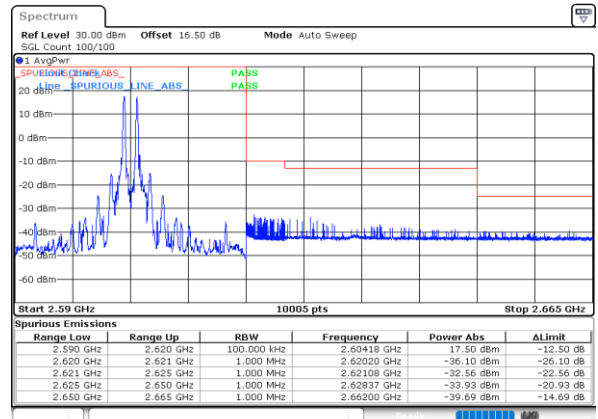
Date: 22.MAR.2024 11:05:59

Lowest Band Edge / 1RB74 and 1RB0



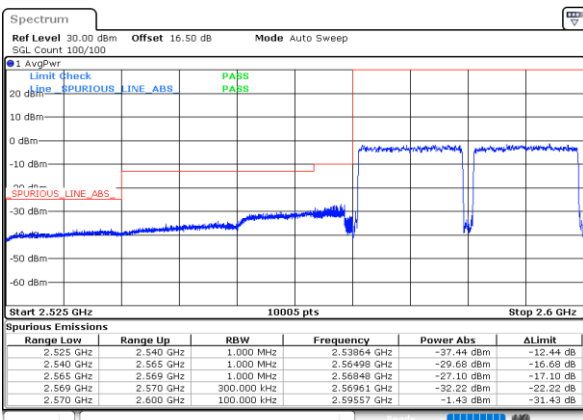
Date: 22.MAR.2024 10:03:22

Highest Band Edge / 1RB74 and 1RB0



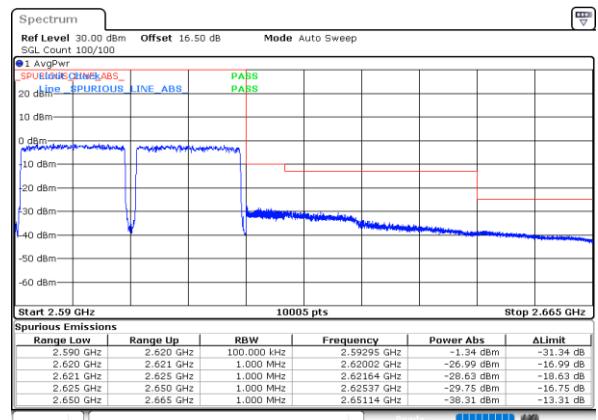
Date: 22.MAR.2024 11:10:55

Lowest Band Edge / Full RB



Date: 22.MAR.2024 09:54:01

Highest Band Edge / Full RB



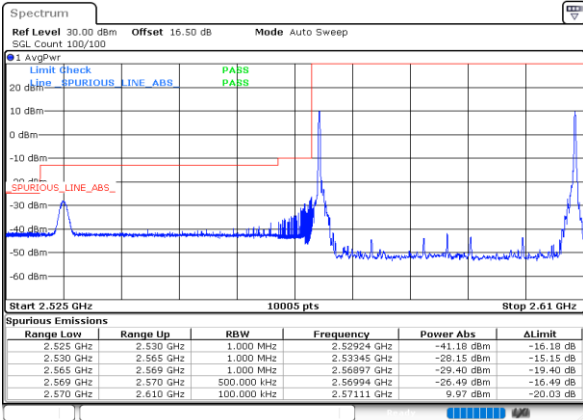
Date: 22.MAR.2024 11:01:17



LTE Band 38C / 20MHz+20MHz

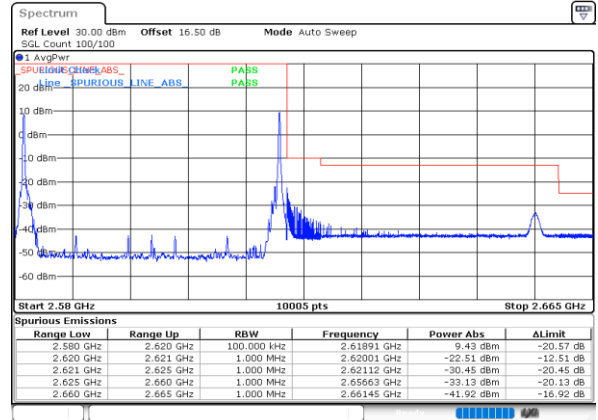
16QAM

Lowest Band Edge / 1RB0 and 1RB9



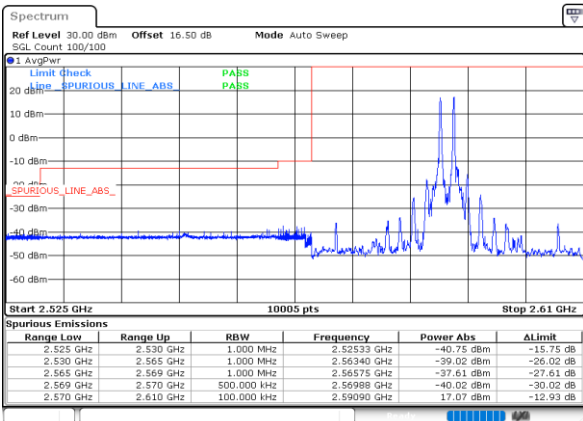
Date: 22.MAR.2024 11:48:49

Highest Band Edge / 1RB0 and 1RB9



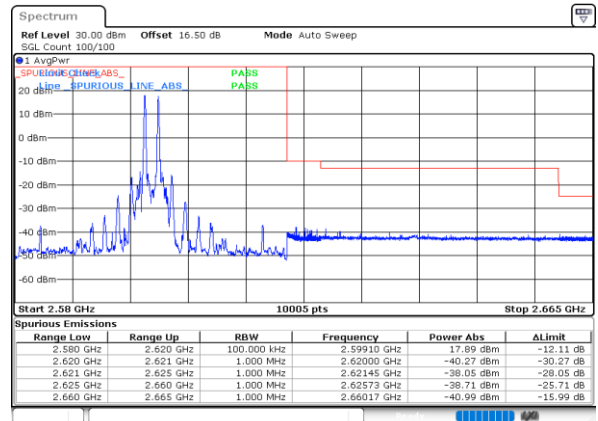
Date: 22.MAR.2024 12:14:50

Lowest Band Edge / 1RB99 and 1RB0



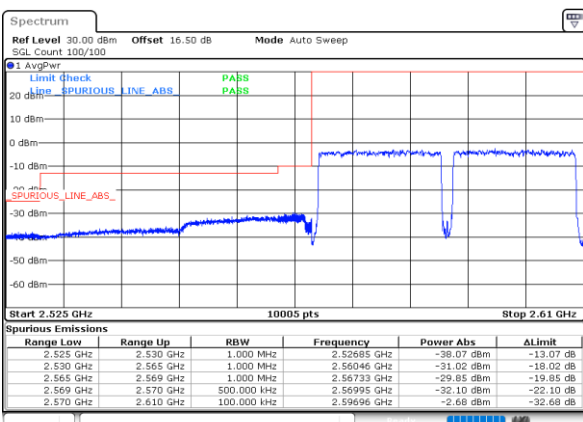
Date: 22.MAR.2024 11:53:28

Highest Band Edge / 1RB99 and 1RB0



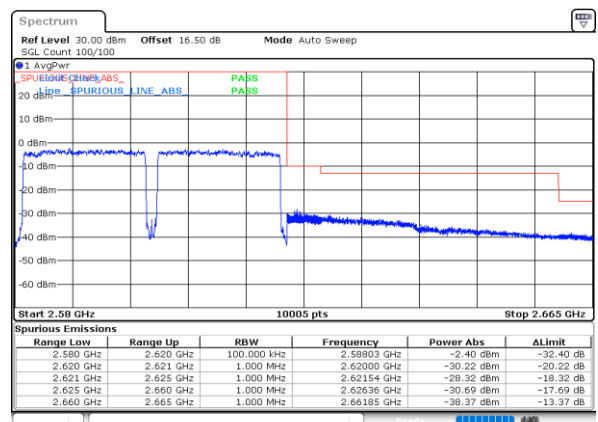
Date: 22.MAR.2024 12:54:30

Lowest Band Edge / Full RB



Date: 22.MAR.2024 11:43:13

Highest Band Edge / Full RB



Date: 22.MAR.2024 12:14:50

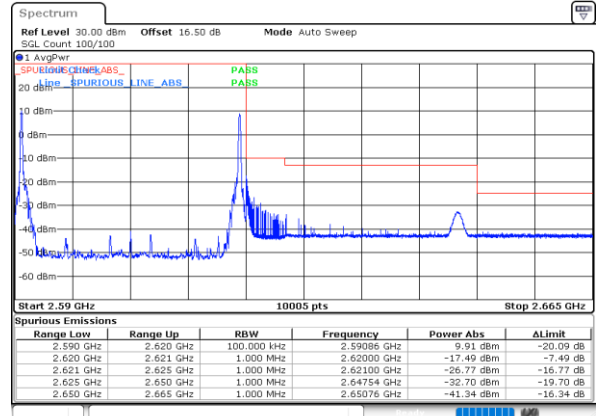
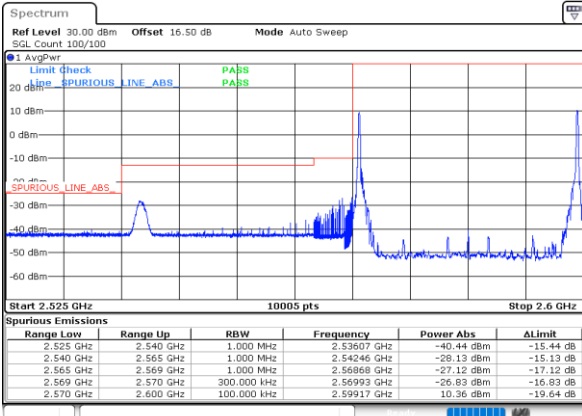


LTE Band 38C / 15MHz+15MHz

64QAM

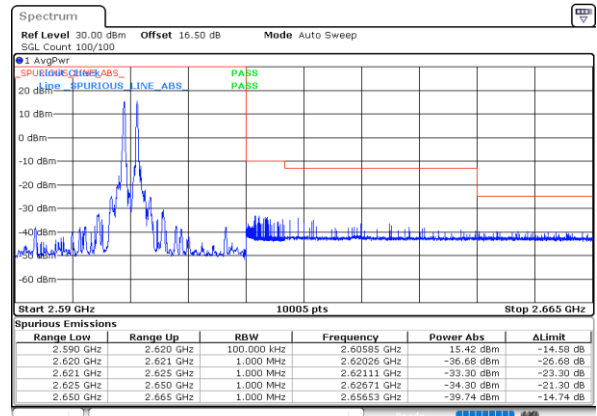
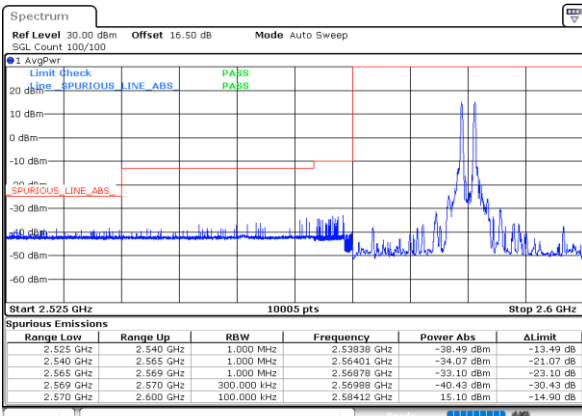
Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74



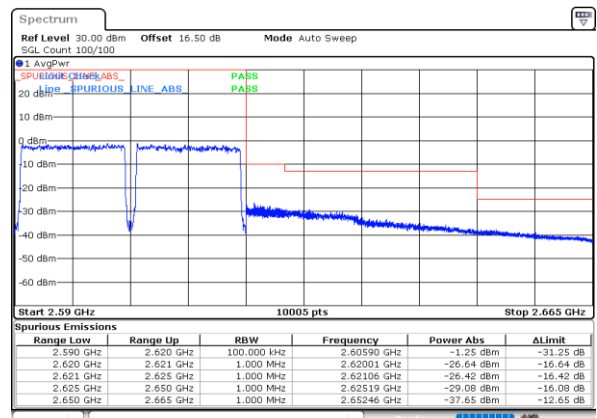
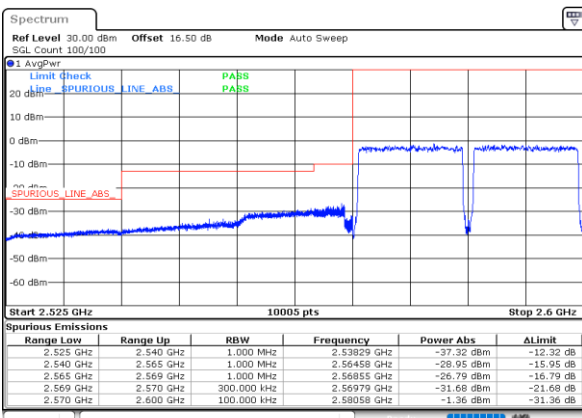
Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

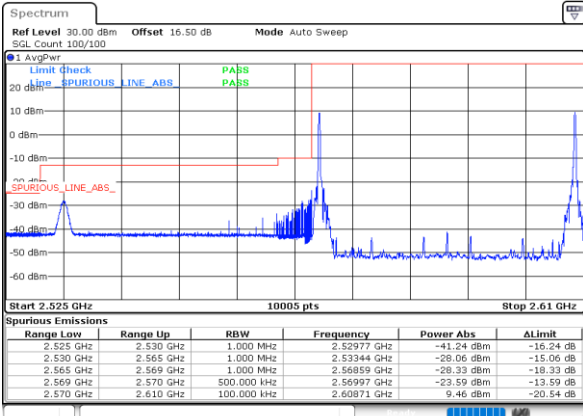




LTE Band 38C / 20MHz+20MHz

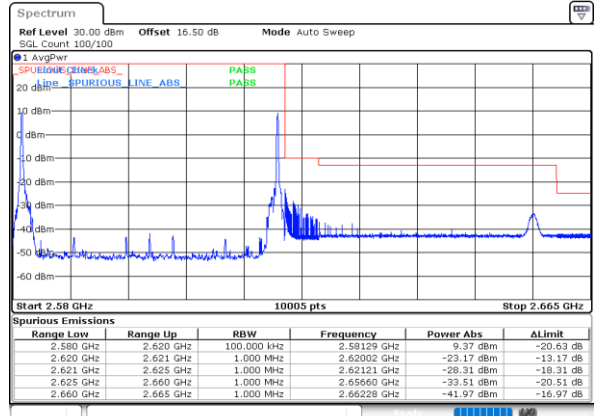
64QAM

Lowest Band Edge / 1RB0 and 1RB9



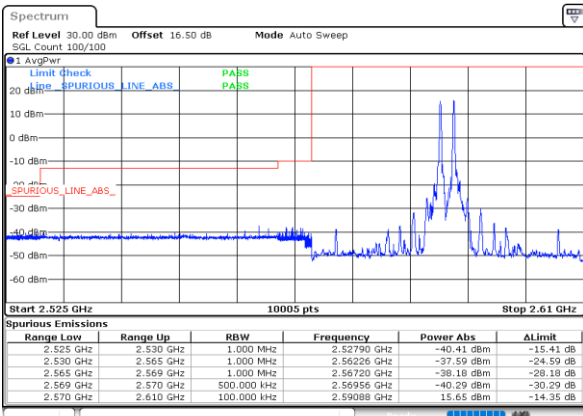
Date: 22.MAR.2024 11:50:26

Highest Band Edge / 1RB0 and 1RB9



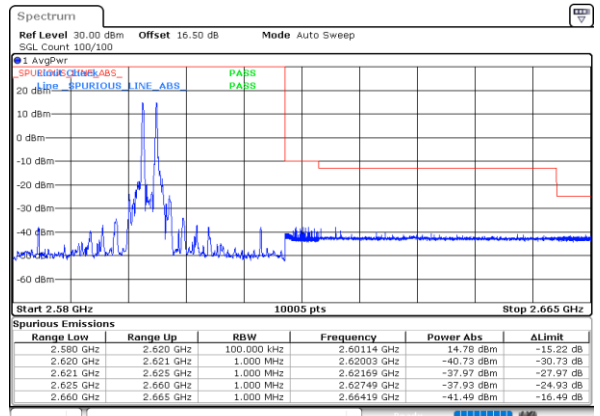
Date: 22.MAR.2024 12:51:26

Lowest Band Edge / 1RB99 and 1RB0



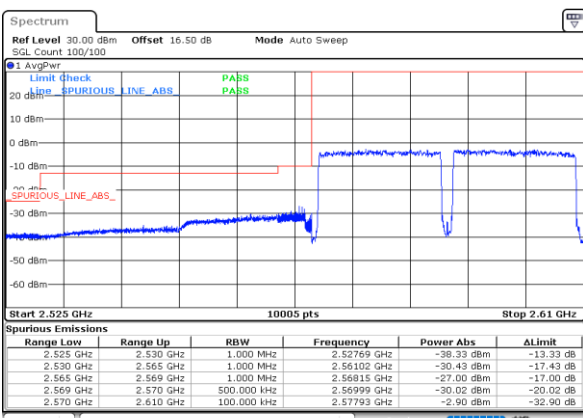
Date: 22.MAR.2024 11:55:04

Highest Band Edge / 1RB99 and 1RB0



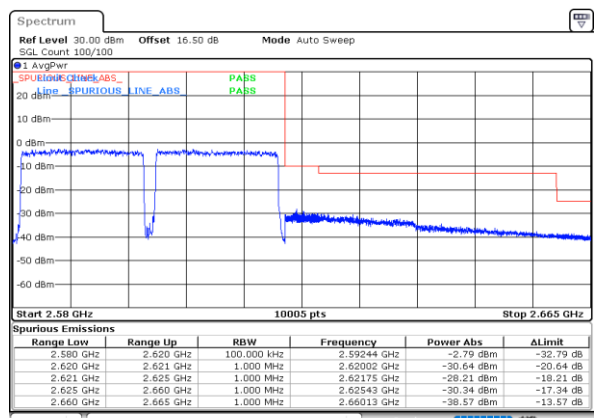
Date: 22.MAR.2024 12:56:11

Lowest Band Edge / Full RB



Date: 22.MAR.2024 11:45:26

Highest Band Edge / Full RB



Date: 22.MAR.2024 12:46:31



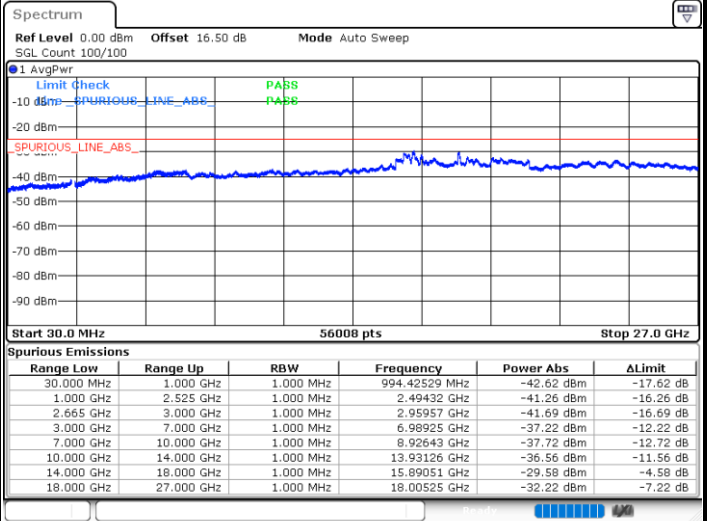
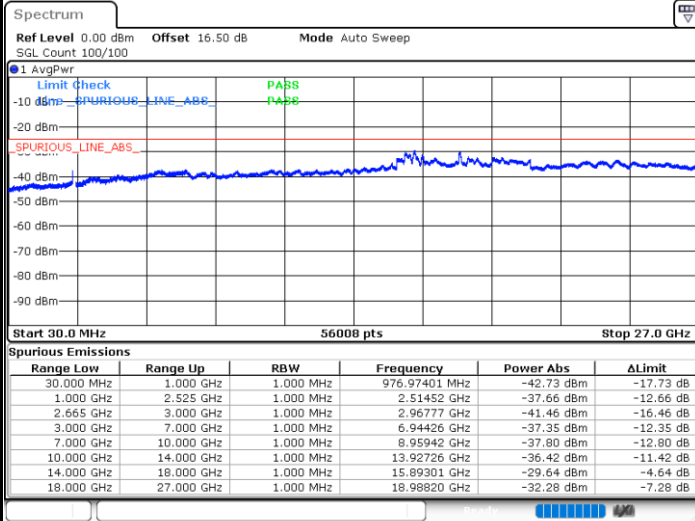
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0

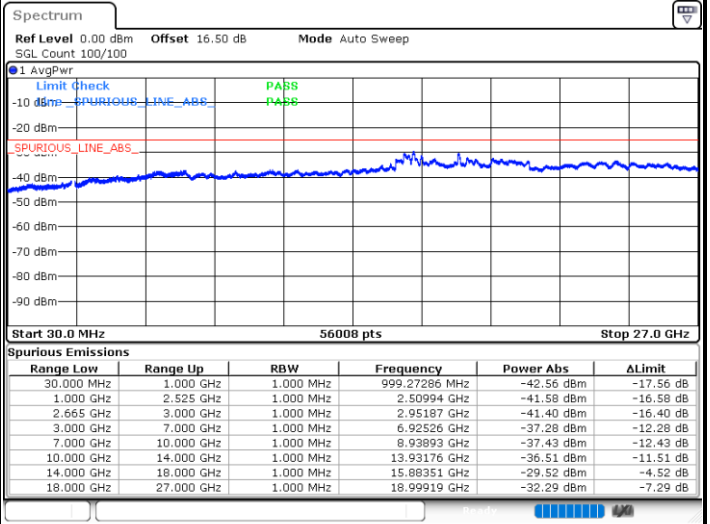
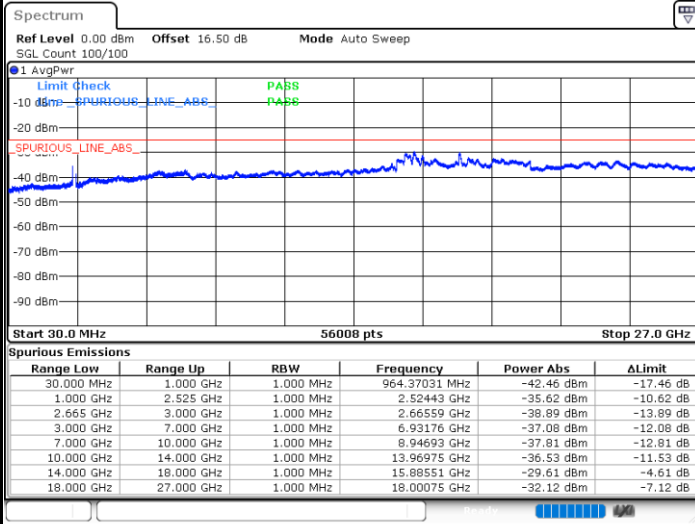


Date: 22.MAR.2024 10:12:22

Date: 22.MAR.2024 10:06:48

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 22.MAR.2024 10:36:02

Date: 22.MAR.2024 10:48:15

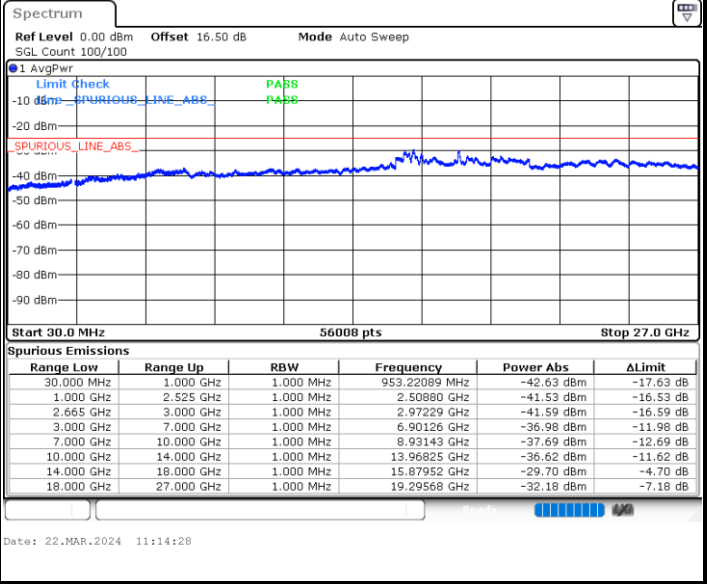
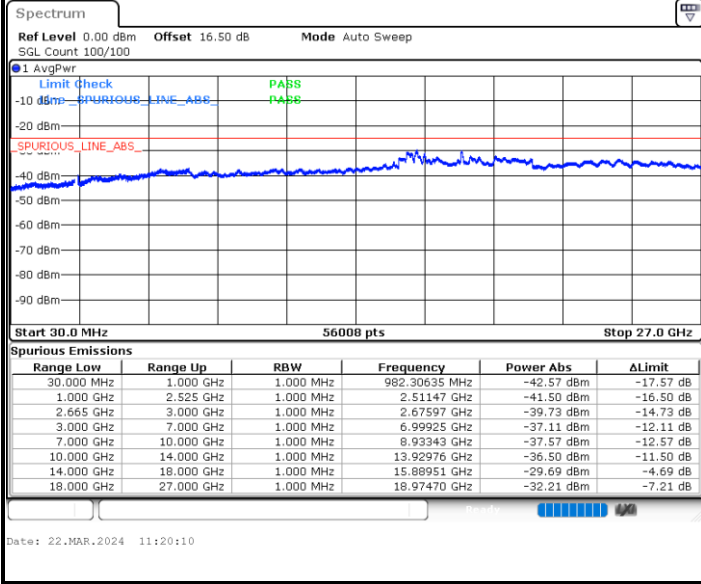


LTE Band 38C / 15MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



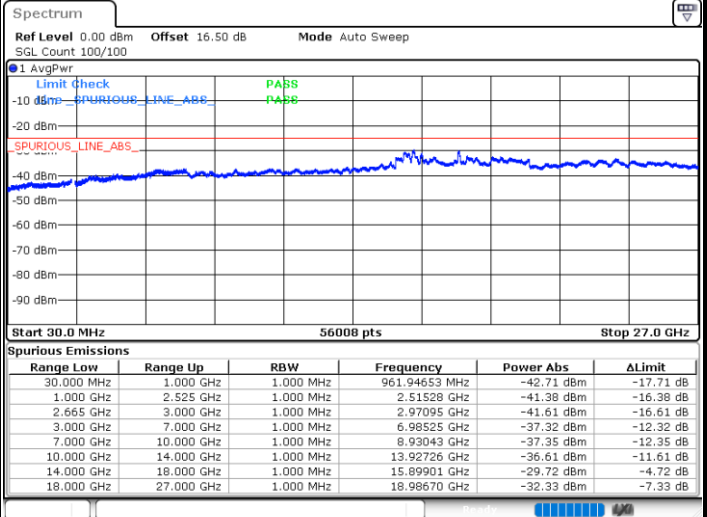
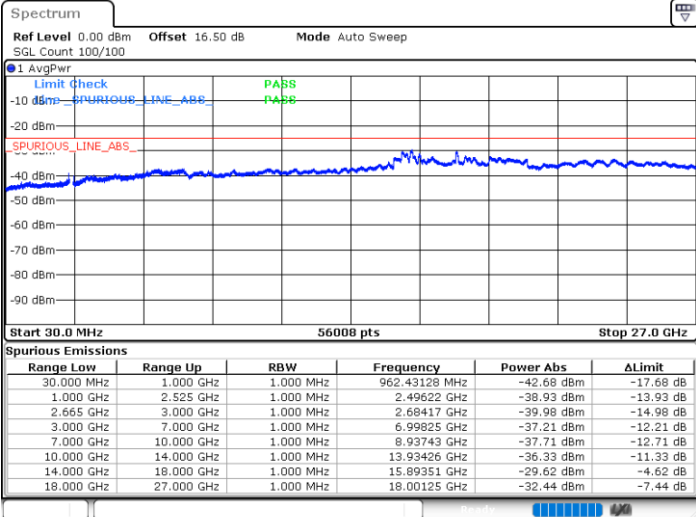


LTE Band 38C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

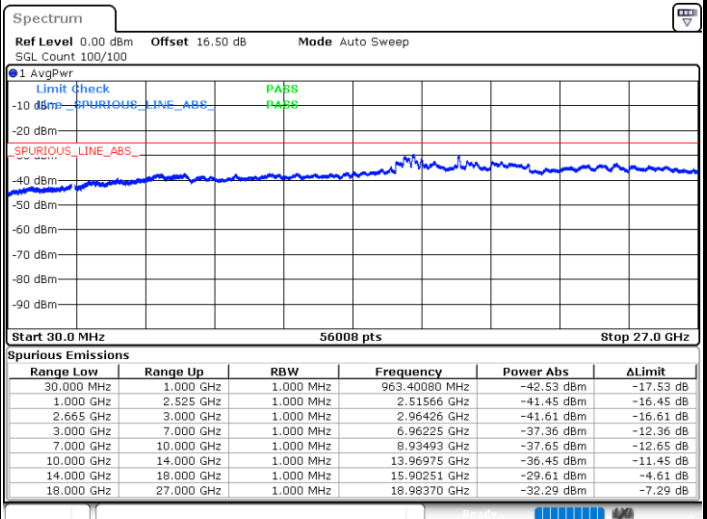
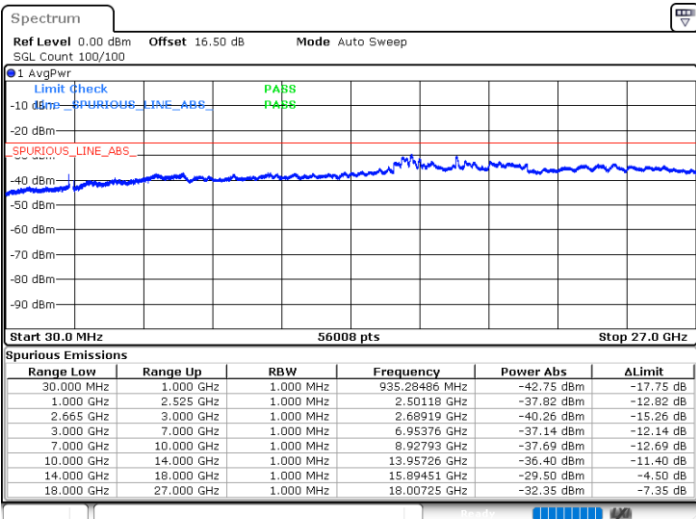


Date: 22.MAR.2024 12:02:38

Date: 22.MAR.2024 11:57:05

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 22.MAR.2024 12:26:09

Date: 22.MAR.2024 12:31:46

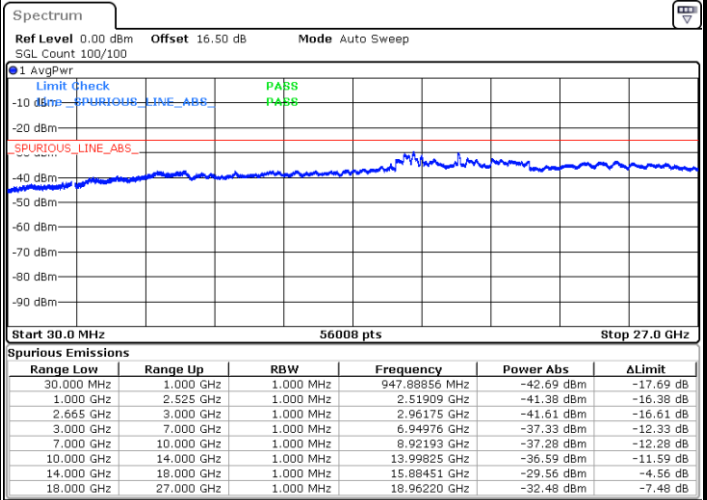
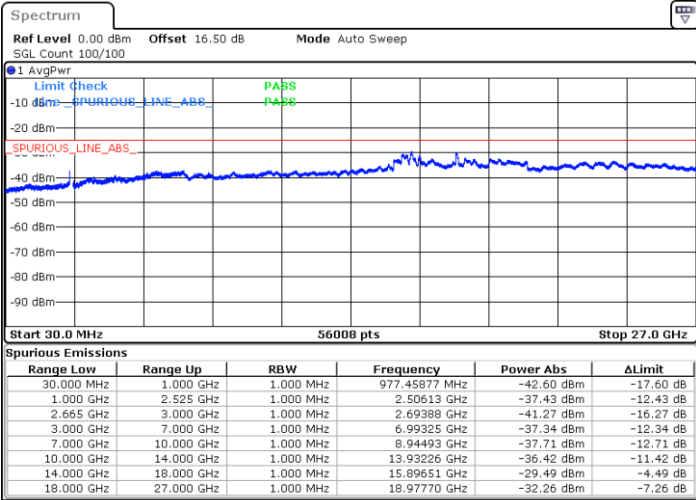


LTE Band 38C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 22.MAR.2024 13:04:26

Date: 22.MAR.2024 12:58:14



Appendix B. Test Results of Radiated Test

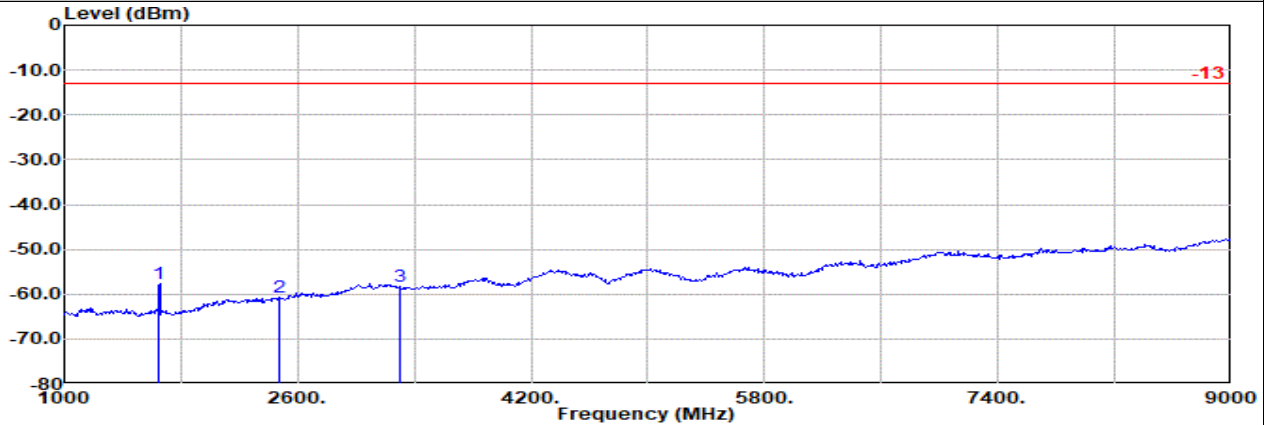
B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
3	Part 22H	LTE B5	M	1664	-51.79	RMS	25.24	-28.38	0.34	-95.23	46.24	-13.00	-38.79	V	0
2	Part 24E	LTE B2	H	5700	-48.31	RMS	33.50	-22.10	0.50	-95.23	35.02	-13.00	-35.31	H	1
1	Part 27H	LTE B12	H	2826	-59.88	RMS	28.26	-25.89	0.25	-95.23	32.73	-13.00	-46.88	V	0
2	Part 27H	LTE B17	H	2826	-59.19	RMS	28.26	-25.89	0.25	-95.23	33.42	-13.00	-46.19	V	0
1	Part 27M	LTE B7	M	10104	-44.32	RMS	38.60	-18.06	0.58	-95.23	29.79	-25.00	-19.32	H	1
2	Part 27M	LTE B38	H	10404	-43.57	RMS	38.80	-17.96	0.57	-95.23	30.25	-25.00	-18.57	V	1
3	Part 27M	LTE CA 38C	H	10396	-43.95	RMS	38.80	-17.96	0.57	-95.23	29.87	-25.00	-18.95	H	1



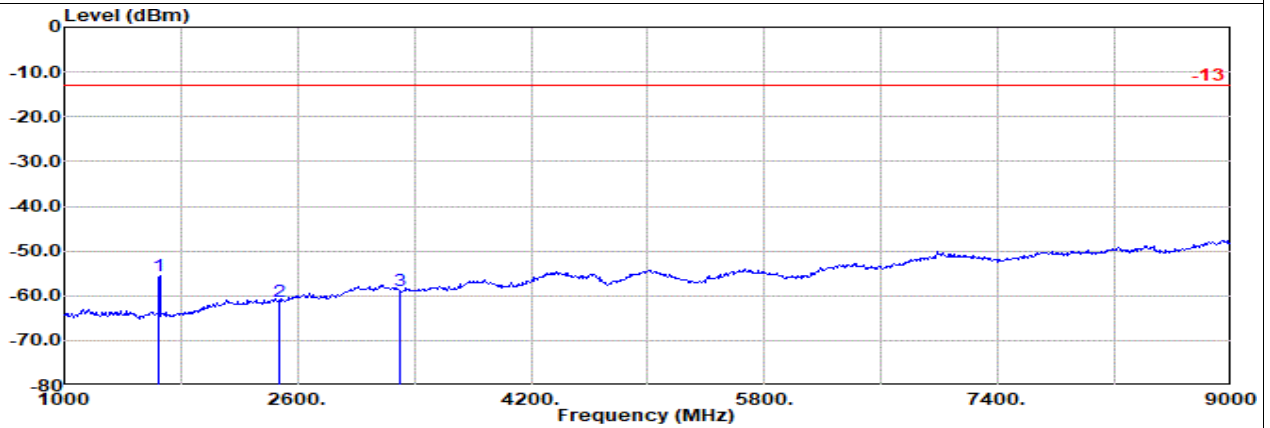
Ant. 0

Part 22H Mode 3
LTE B5 10M Ch20450 1RB0 QPSK
L



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 5 10M Ch20450 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1649.00	-57.59	RMS	25.21	-28.42	0.35	-95.23	40.50	-13.00	-44.59	Horizontal
2 2474.00	-60.77	RMS	27.64	-26.39	0.22	-95.23	32.99	-13.00	-47.77	Horizontal
3 3298.00	-58.30	RMS	29.60	-25.11	0.26	-95.23	32.18	-13.00	-45.30	Horizontal



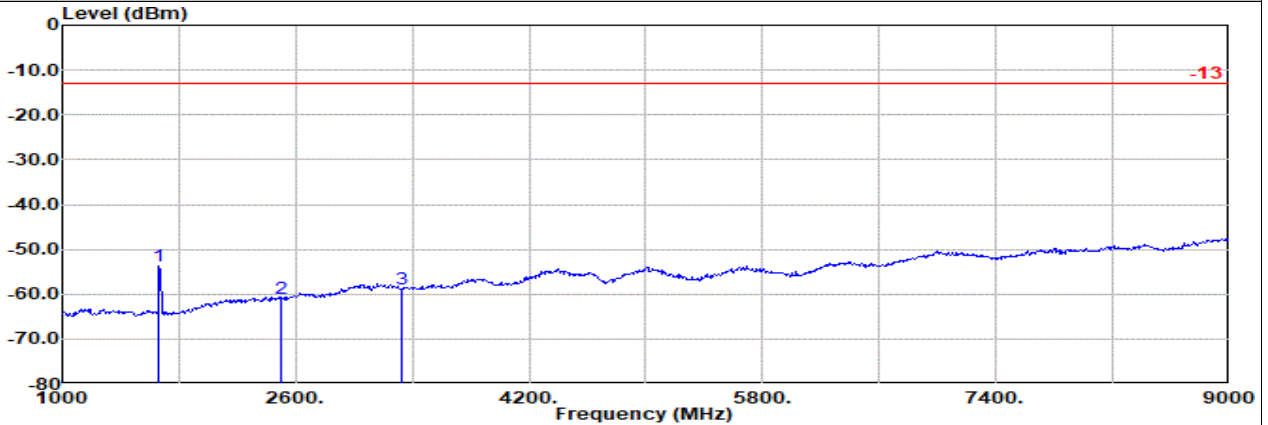
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 5 10M Ch20450 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1649.00	-55.44	RMS	25.21	-28.42	0.35	-95.23	42.65	-13.00	-42.44	Vertical
2 2474.00	-61.18	RMS	27.64	-26.39	0.22	-95.23	32.58	-13.00	-48.18	Vertical
3 3298.00	-58.79	RMS	29.60	-25.11	0.26	-95.23	31.69	-13.00	-45.79	Vertical



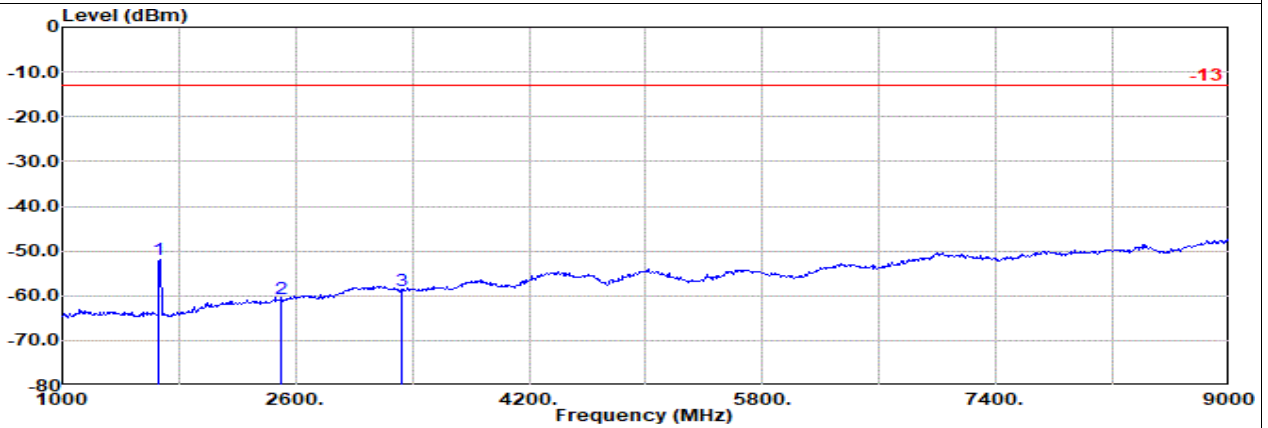
Ant. 0

Part 22H Mode 3
LTE B5 10M Ch20525 1RB0 QPSK
M



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 5 10M Ch20525 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1664.00	-53.88	RMS	25.24	-28.38	0.34	-95.23	44.15	-13.00	-40.88	Horizontal
2 2496.00	-61.05	RMS	27.70	-26.34	0.22	-95.23	32.60	-13.00	-48.05	Horizontal
3 3328.00	-58.79	RMS	29.60	-25.06	0.25	-95.23	31.65	-13.00	-45.79	Horizontal



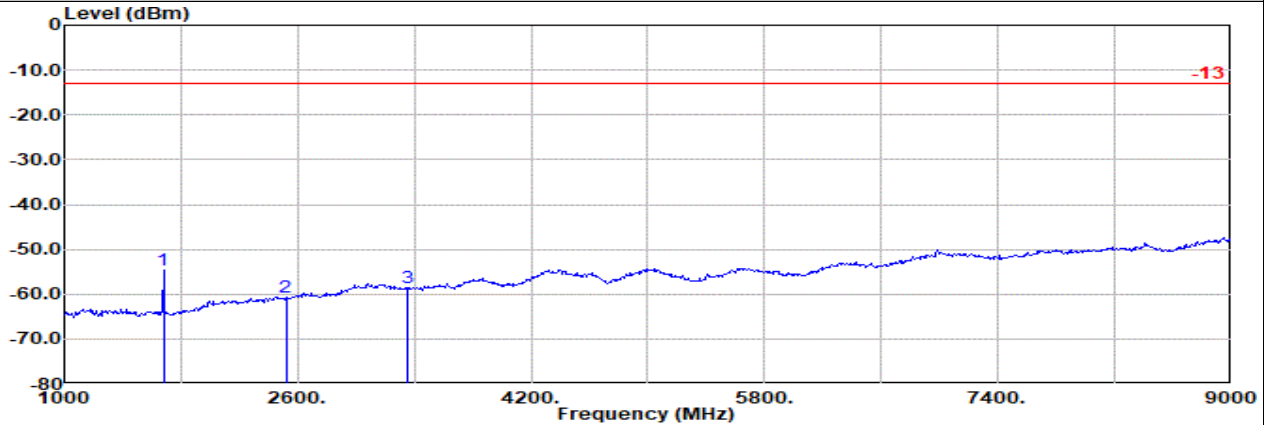
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 5 10M Ch20525 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1664.00	-51.79	RMS	25.24	-28.38	0.34	-95.23	46.24	-13.00	-38.79	Vertical
2 2496.00	-60.72	RMS	27.70	-26.34	0.22	-95.23	32.93	-13.00	-47.72	Vertical
3 3328.00	-58.97	RMS	29.60	-25.06	0.25	-95.23	31.47	-13.00	-45.97	Vertical



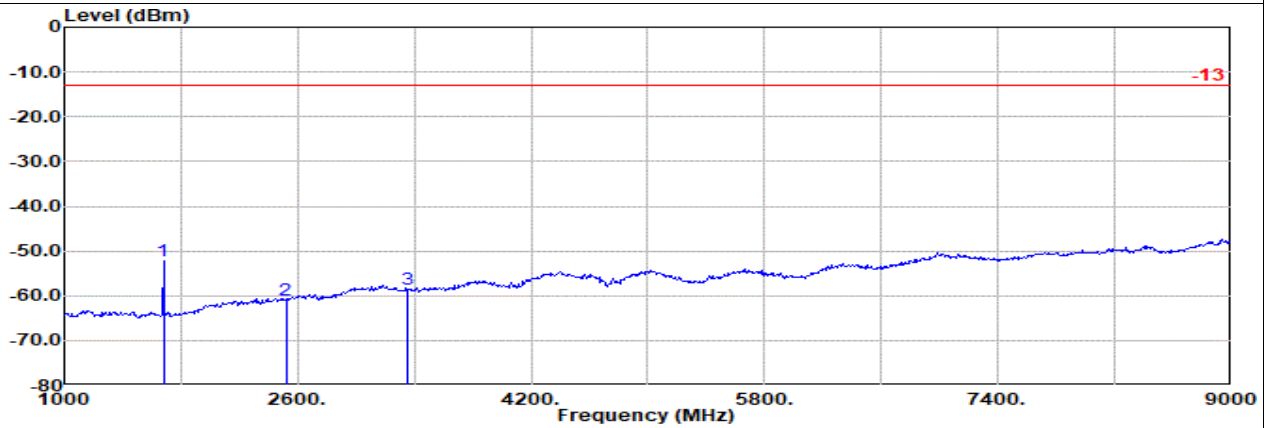
Ant. 0

Part 22H Mode 3
LTE B5 10M Ch20600 1RB0 QPSK
H



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 5 10M Ch20600 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	1679.00	-54.72	RMS	25.30	-28.33	0.32	-95.23	43.22	-13.00	-41.72	Horizontal
2	2519.00	-60.81	RMS	27.89	-26.31	0.21	-95.23	32.63	-13.00	-47.81	Horizontal
3	3358.00	-58.54	RMS	29.58	-25.01	0.24	-95.23	31.88	-13.00	-45.54	Horizontal



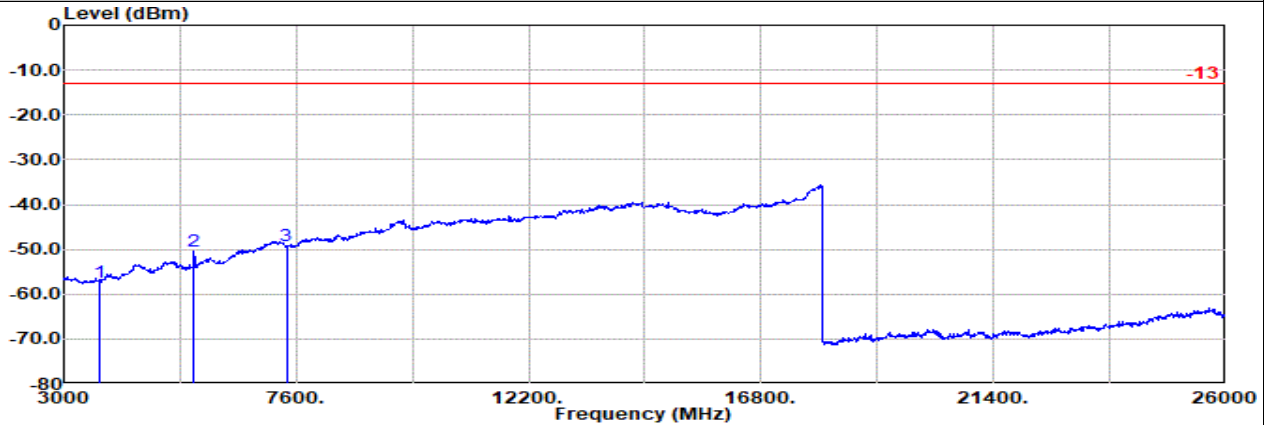
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 5 10M Ch20600 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin	Pol		
			Factor	1						dB	dB
1	1679.00	-52.09	RMS	25.30	-28.33	0.32	-95.23	45.85	-13.00	-39.09	Vertical
2	2519.00	-61.08	RMS	27.89	-26.31	0.21	-95.23	32.36	-13.00	-48.08	Vertical
3	3358.00	-58.65	RMS	29.58	-25.01	0.24	-95.23	31.77	-13.00	-45.65	Vertical



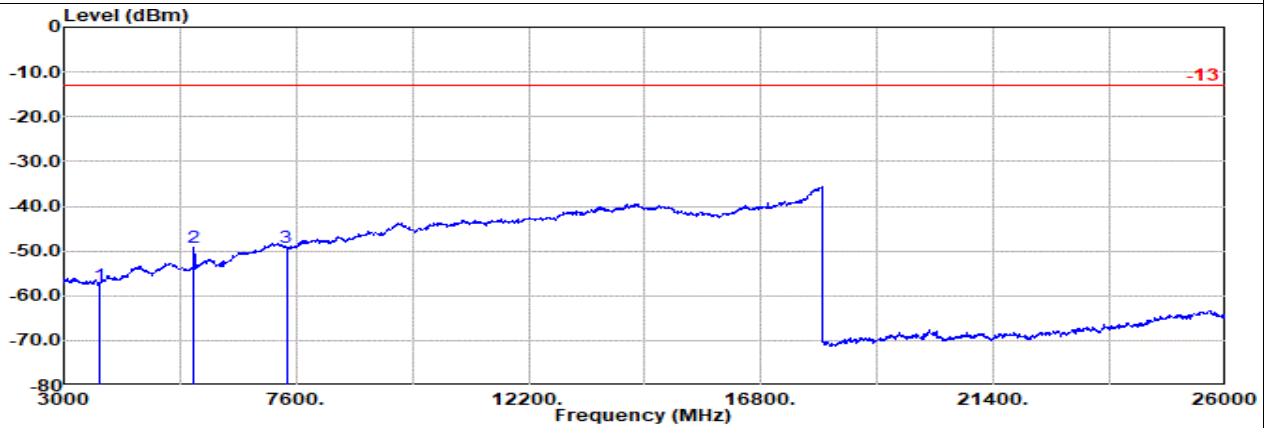
Ant. 1

Part 24E Mode 2
LTE B2 20M Ch18700 1RB0 QPSK
L



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 2 20M Ch18700 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1	3702.00	-57.36 RMS	29.62	-24.42	0.76	-95.23	31.91	-13.00	-44.36 Horizontal
2	5580.00	-50.29 RMS	32.96	-22.13	0.50	-95.23	33.61	-13.00	-37.29 Horizontal
3	7404.00	-49.27 RMS	36.39	-20.92	0.65	-95.23	29.84	-13.00	-36.27 Horizontal



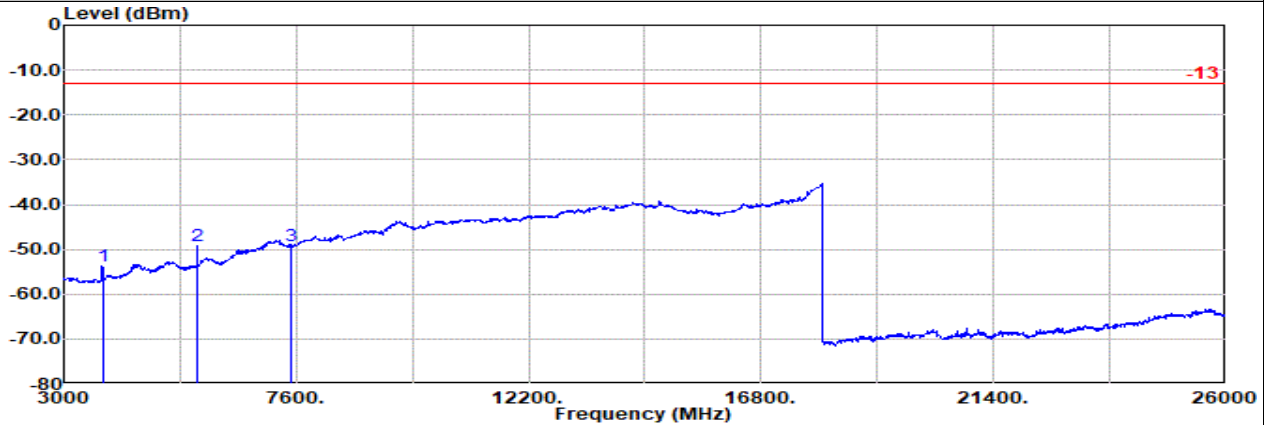
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 2 20M Ch18700 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	dB
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1	3702.00	-57.60 RMS	29.62	-24.42	0.76	-95.23	31.67	-13.00	-44.60 Vertical
2	5580.00	-49.22 RMS	32.96	-22.13	0.50	-95.23	34.68	-13.00	-36.22 Vertical
3	7404.00	-49.24 RMS	36.39	-20.92	0.65	-95.23	29.87	-13.00	-36.24 Vertical



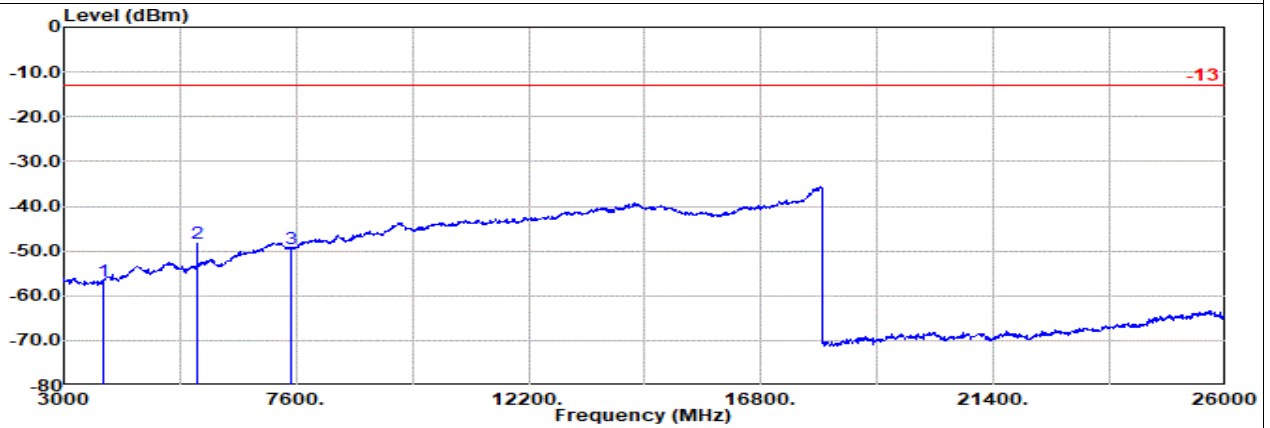
Ant. 1

Part 24E Mode 2
LTE B2 20M Ch18900 1RB0 QPSK
M



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 2 20M Ch18900 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol			
			Factor	1				g	dB	dB	
1	3765.00	-53.77	RMS	30.15	-24.24	0.69	-95.23	34.86	-13.00	-40.77	Horizontal
2	5640.00	-49.22	RMS	33.08	-22.11	0.49	-95.23	34.55	-13.00	-36.22	Horizontal
3	7484.00	-49.17	RMS	36.23	-20.78	0.60	-95.23	30.01	-13.00	-36.17	Horizontal



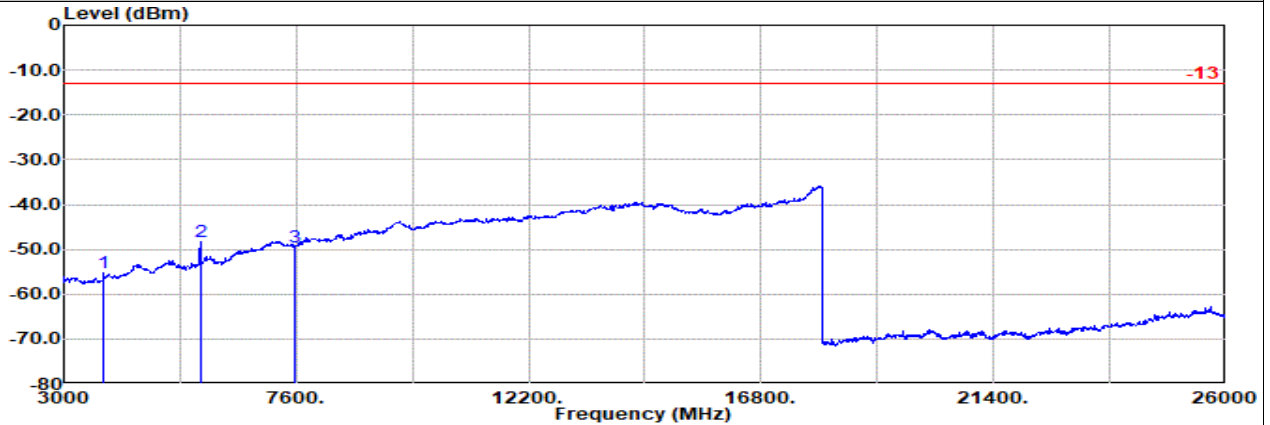
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 2 20M Ch18900 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol			
			Factor	1				g	dB	dB	
1	3765.00	-56.73	RMS	30.15	-24.24	0.69	-95.23	31.90	-13.00	-43.73	Vertical
2	5640.00	-48.41	RMS	33.08	-22.11	0.49	-95.23	35.36	-13.00	-35.41	Vertical
3	7484.00	-49.37	RMS	36.23	-20.78	0.60	-95.23	29.81	-13.00	-36.37	Vertical



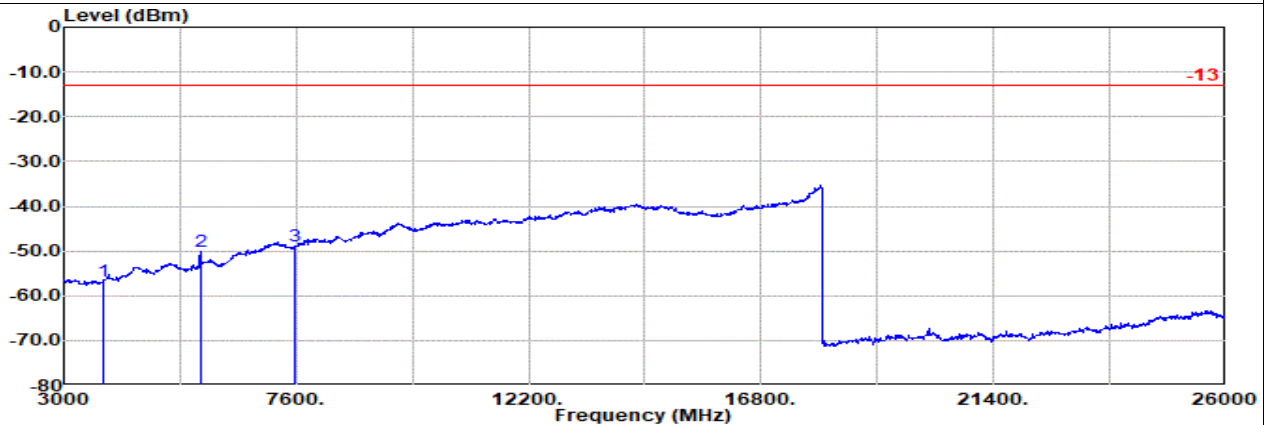
Ant. 1

Part 24E Mode 2
LTE B2 20M Ch19100 1RB0 QPSK
H



Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Horizontal
: LTE Band 2 20M Ch19100 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol		
			Factor	1				g		
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 3795.00	-55.17	RMS	30.45	-24.15	0.66	-95.23	33.10	-13.00	-42.17	Horizontal
2 5700.00	-48.31	RMS	33.50	-22.10	0.50	-95.23	35.02	-13.00	-35.31	Horizontal
3 7564.00	-49.54	RMS	36.03	-20.64	0.56	-95.23	29.74	-13.00	-36.54	Horizontal



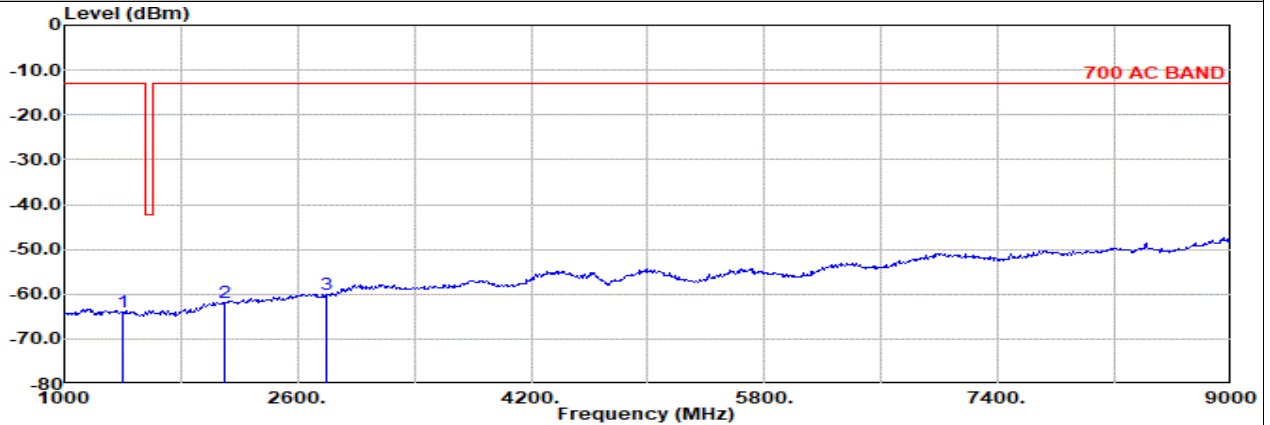
Site : 03CH11-HY
Condition: -13 3m 9120D_01620_230817 Vertical
: LTE Band 2 20M Ch19100 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol		
			Factor	1				g		
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 3795.00	-56.75	RMS	30.45	-24.15	0.66	-95.23	31.52	-13.00	-43.75	Vertical
2 5700.00	-50.14	RMS	33.50	-22.10	0.50	-95.23	33.19	-13.00	-37.14	Vertical
3 7564.00	-49.04	RMS	36.03	-20.64	0.56	-95.23	30.24	-13.00	-36.04	Vertical



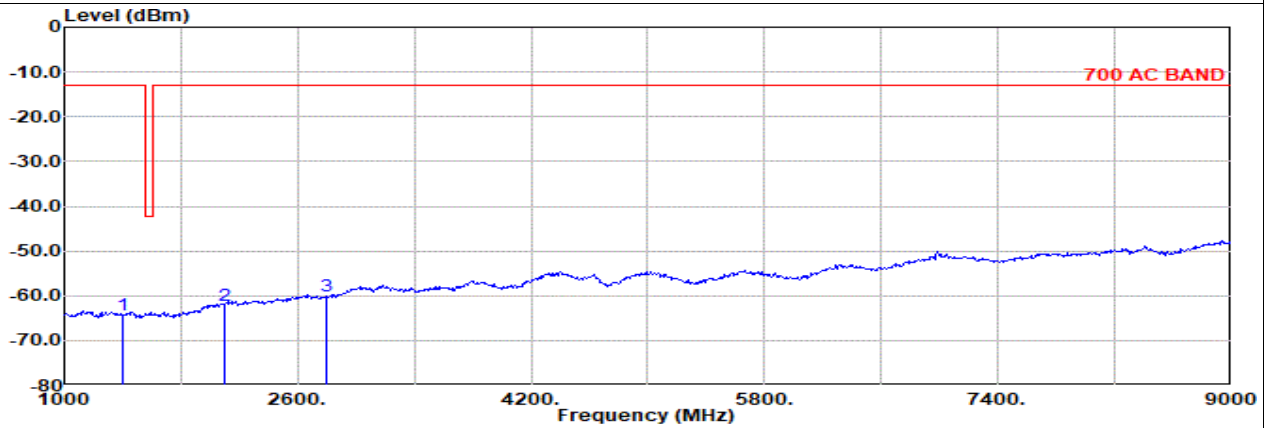
Ant. 0

Part 27H Mode 1
LTE B12 10M Ch23060 1RB0 QPSK
L



Site : 03CH11-HY
Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
: LTE Band 12 10M Ch23060 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin Pol		
				Factor	1				dB	dB	dB
1	1399.00	-64.00	RMS	25.90	-29.61	0.68	-95.23	34.26	-13.00	-51.00	Horizontal
2	2099.00	-61.85	RMS	27.21	-26.86	0.13	-95.23	32.90	-13.00	-48.85	Horizontal
3	2798.00	-60.15	RMS	28.20	-25.93	0.25	-95.23	32.56	-13.00	-47.15	Horizontal



Site : 03CH11-HY
Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
: LTE Band 12 10M Ch23060 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin Pol		
				Factor	1				dB	dB	dB
1	1399.00	-64.38	RMS	25.90	-29.61	0.68	-95.23	33.88	-13.00	-51.38	Vertical
2	2099.00	-62.11	RMS	27.21	-26.86	0.13	-95.23	32.64	-13.00	-49.11	Vertical
3	2798.00	-60.14	RMS	28.20	-25.93	0.25	-95.23	32.57	-13.00	-47.14	Vertical

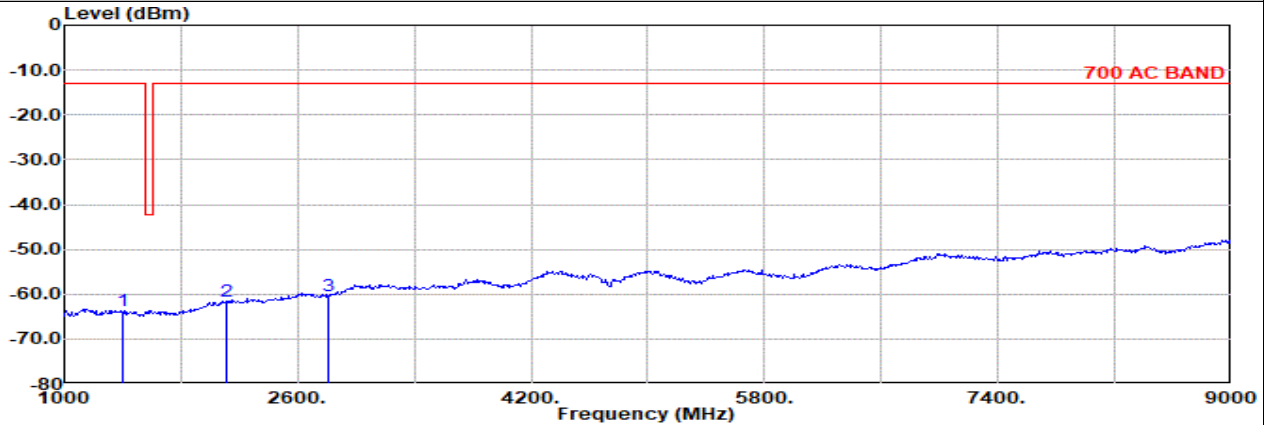


Ant. 0

Part 27H Mode 1

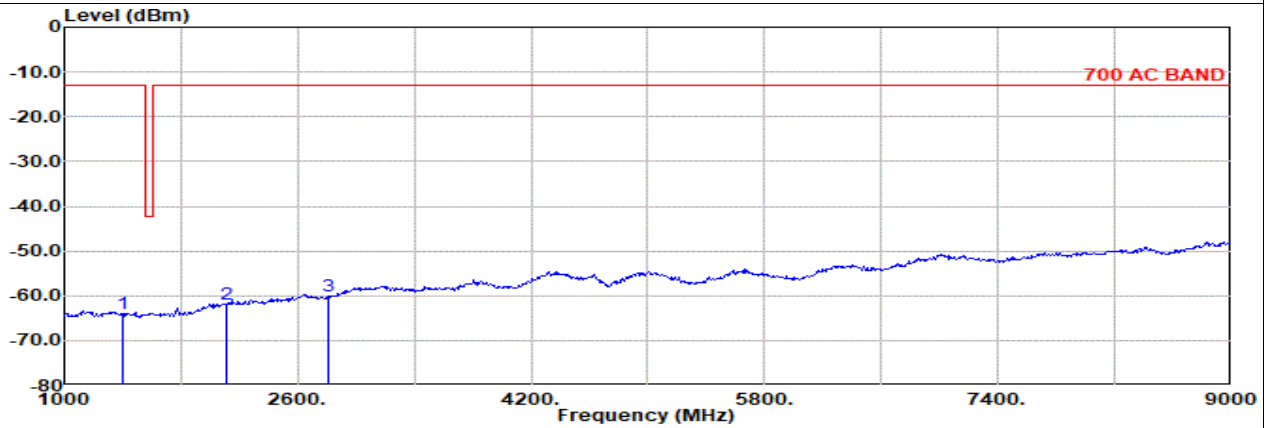
LTE B12 10M Ch23095 1RB0 QPSK

M



Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
 : LTE Band 12 10M Ch23095 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dB	dBm	dB		
1 1406.00	-63.56	RMS	25.84	-29.56	0.67	-95.23	34.72	-13.00	-50.56	Horizontal
2 2109.00	-61.58	RMS	27.38	-26.86	0.14	-95.23	32.99	-13.00	-48.58	Horizontal
3 2812.00	-60.35	RMS	28.20	-25.91	0.25	-95.23	32.34	-13.00	-47.35	Horizontal



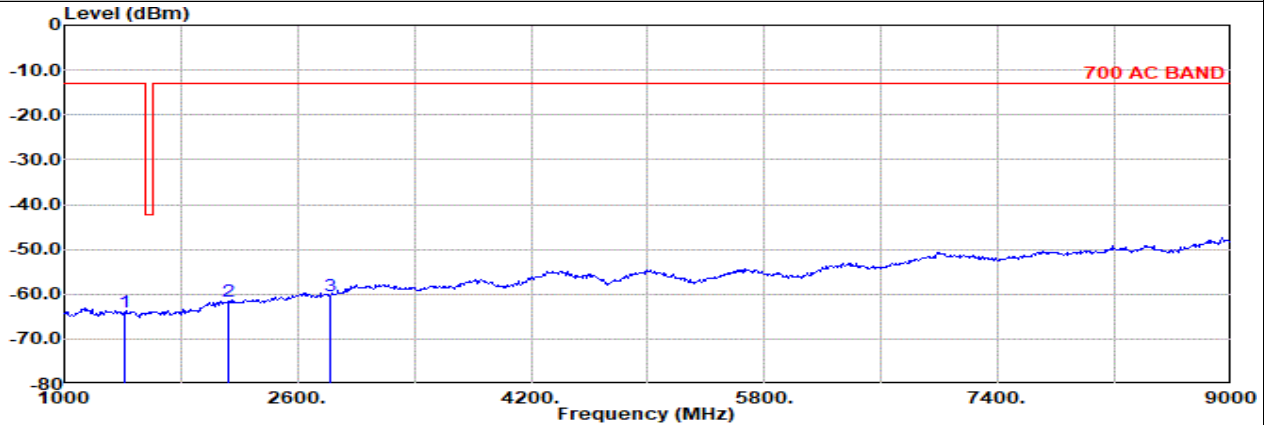
Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
 : LTE Band 12 10M Ch23095 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dB	dBm	dB		
1 1406.00	-64.00	RMS	25.84	-29.56	0.67	-95.23	34.28	-13.00	-51.00	Vertical
2 2109.00	-61.93	RMS	27.38	-26.86	0.14	-95.23	32.64	-13.00	-48.93	Vertical
3 2812.00	-60.14	RMS	28.20	-25.91	0.25	-95.23	32.55	-13.00	-47.14	Vertical



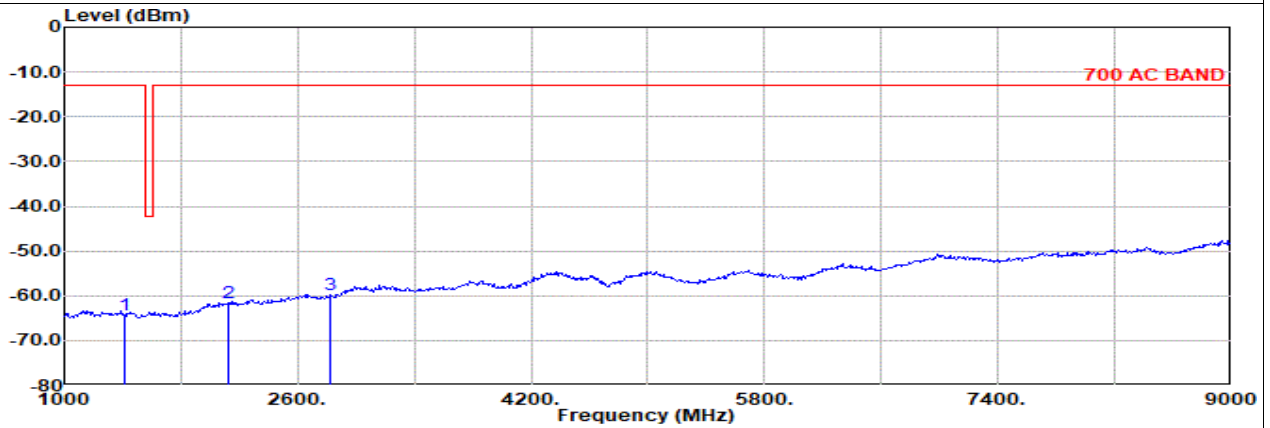
Ant. 0

Part 27H Mode 1
LTE B12 10M Ch23130 1RB0 QPSK
H



Site : 03CH11-HY
Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
: LTE Band 12 10M Ch23130 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit g	Margin Pol	
				Factor	1				dB	dB
1	1413.00	-63.89	RMS	25.83	-29.52	0.66	-95.23	34.37	-13.00	-50.89 Horizontal
2	2120.00	-61.68	RMS	27.40	-26.85	0.15	-95.23	32.85	-13.00	-48.68 Horizontal
3	2826.00	-60.41	RMS	28.26	-25.89	0.25	-95.23	32.20	-13.00	-47.41 Horizontal



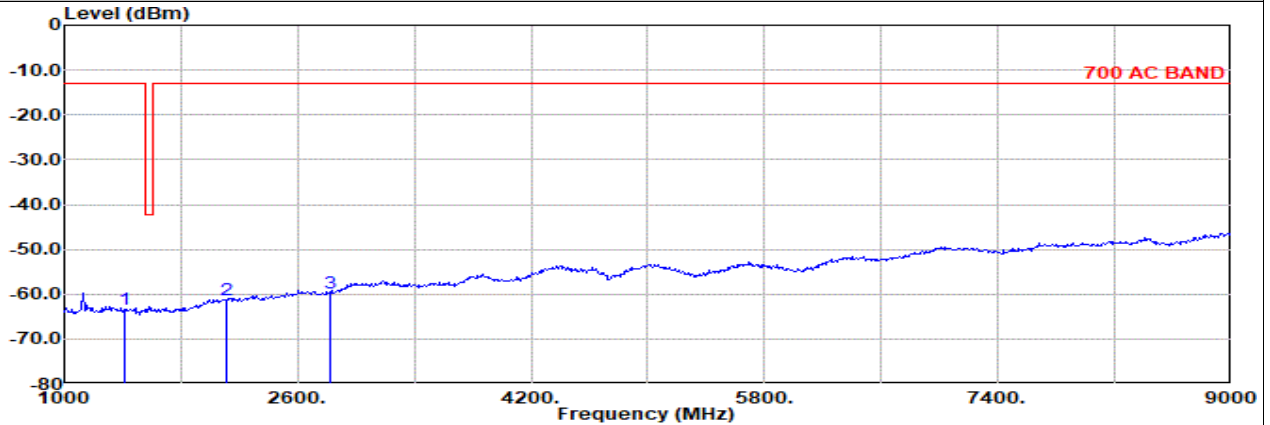
Site : 03CH11-HY
Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
: LTE Band 12 10M Ch23130 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit g	Margin Pol	
				Factor	1				dB	dB
1	1413.00	-64.24	RMS	25.83	-29.52	0.66	-95.23	34.02	-13.00	-51.24 Vertical
2	2120.00	-61.44	RMS	27.40	-26.85	0.15	-95.23	33.09	-13.00	-48.44 Vertical
3	2826.00	-59.88	RMS	28.26	-25.89	0.25	-95.23	32.73	-13.00	-46.88 Vertical



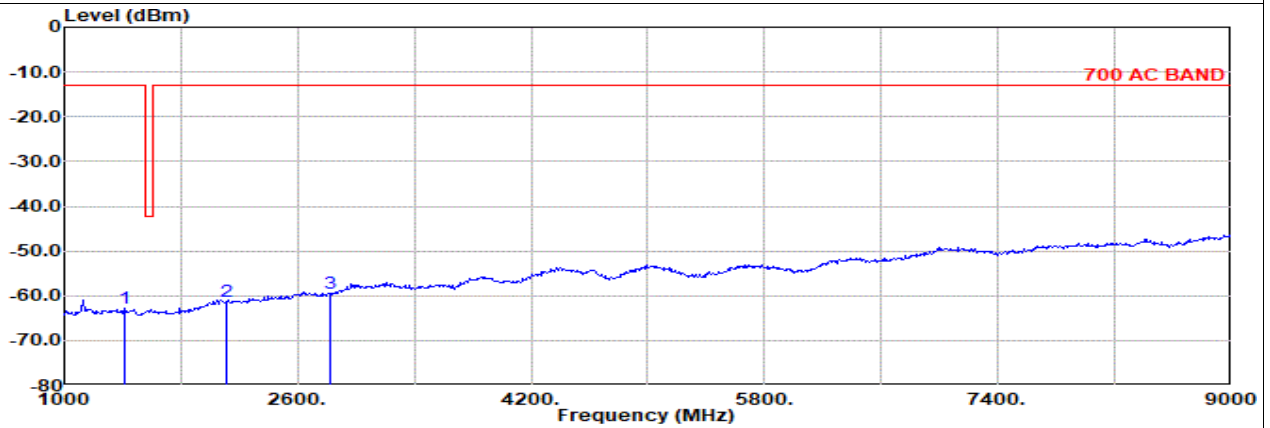
Ant. 0

Part 27H Mode 2
 LTE B17 10M Ch23780 1RB0 QPSK
 L



Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
 : LTE Band 17 10M Ch23780 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1409.00	-63.52	RMS	25.81	-29.54	0.67	-95.23	34.77	-13.00	-50.52	Horizontal
2 2113.00	-61.34	RMS	27.40	-26.86	0.15	-95.23	33.20	-13.00	-48.34	Horizontal
3 2818.00	-59.79	RMS	28.20	-25.90	0.25	-95.23	32.89	-13.00	-46.79	Horizontal



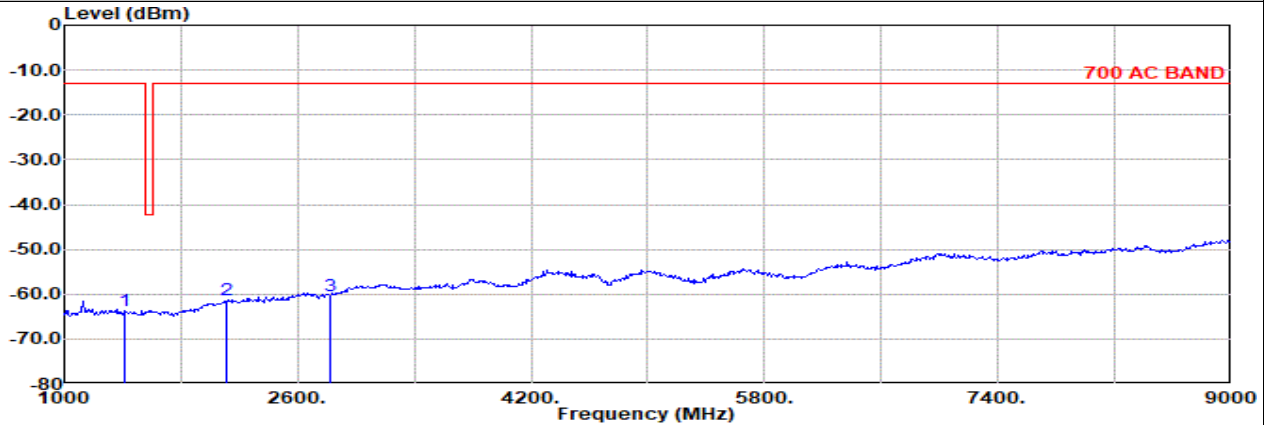
Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
 : LTE Band 17 10M Ch23780 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB		
1 1409.00	-62.82	RMS	25.81	-29.54	0.67	-95.23	35.47	-13.00	-49.82	Vertical
2 2113.00	-61.26	RMS	27.40	-26.86	0.15	-95.23	33.28	-13.00	-48.26	Vertical
3 2818.00	-59.57	RMS	28.20	-25.90	0.25	-95.23	33.11	-13.00	-46.57	Vertical



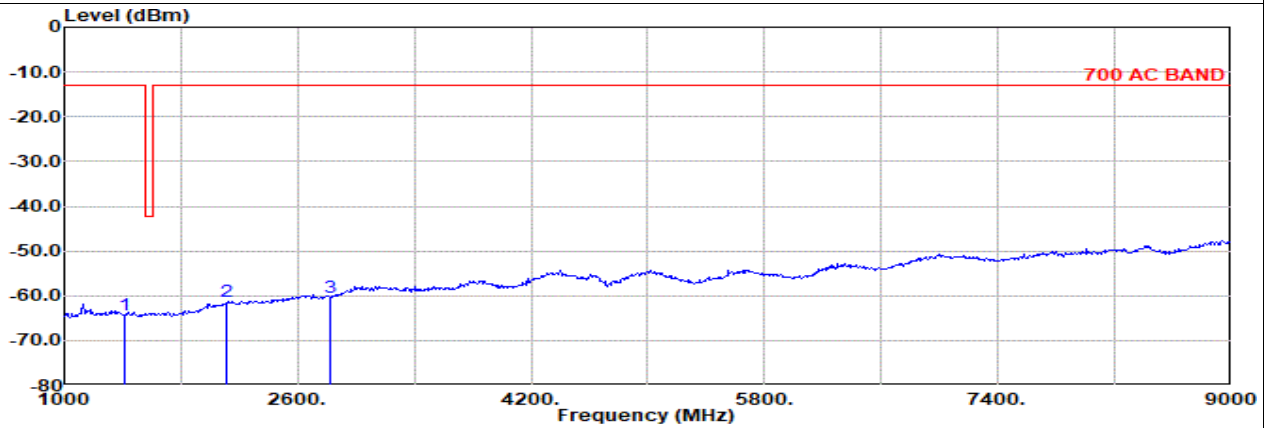
Ant. 0

Part 27H Mode 2
 LTE B17 10M Ch23790 1RB0 QPSK
 M



Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
 : LTE Band 17 10M Ch23790 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
1	1411.00	-63.71 RMS	25.81	-29.53	0.66	-95.23	34.58	-13.00	-50.71	Horizontal
2	2116.00	-61.39 RMS	27.40	-26.86	0.15	-95.23	33.15	-13.00	-48.39	Horizontal
3	2822.00	-60.49 RMS	28.22	-25.89	0.25	-95.23	32.16	-13.00	-47.49	Horizontal



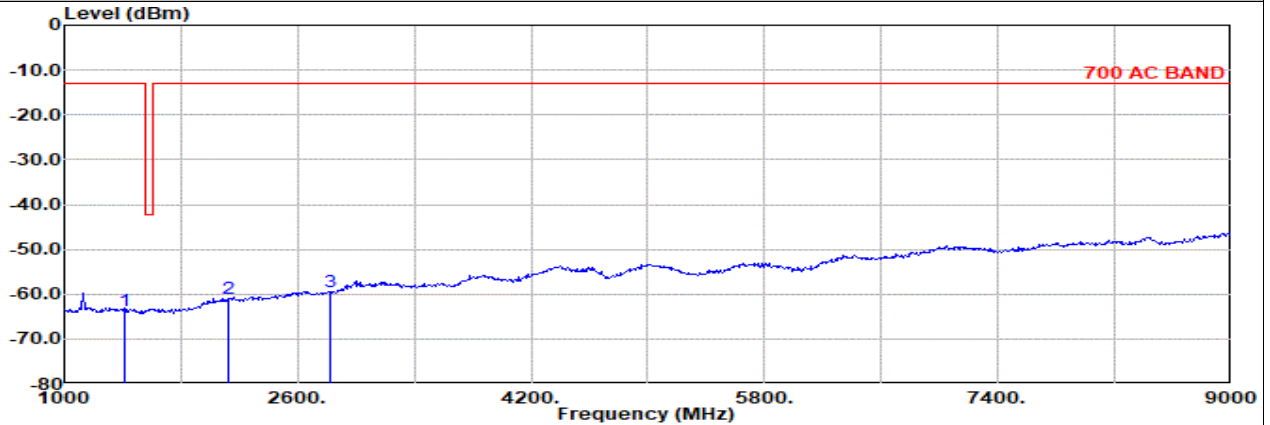
Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
 : LTE Band 17 10M Ch23790 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol
			Factor	1				g	dB	
1	1411.00	-64.18 RMS	25.81	-29.53	0.66	-95.23	34.11	-13.00	-51.18	Vertical
2	2116.00	-61.15 RMS	27.40	-26.86	0.15	-95.23	33.39	-13.00	-48.15	Vertical
3	2822.00	-60.44 RMS	28.22	-25.89	0.25	-95.23	32.21	-13.00	-47.44	Vertical



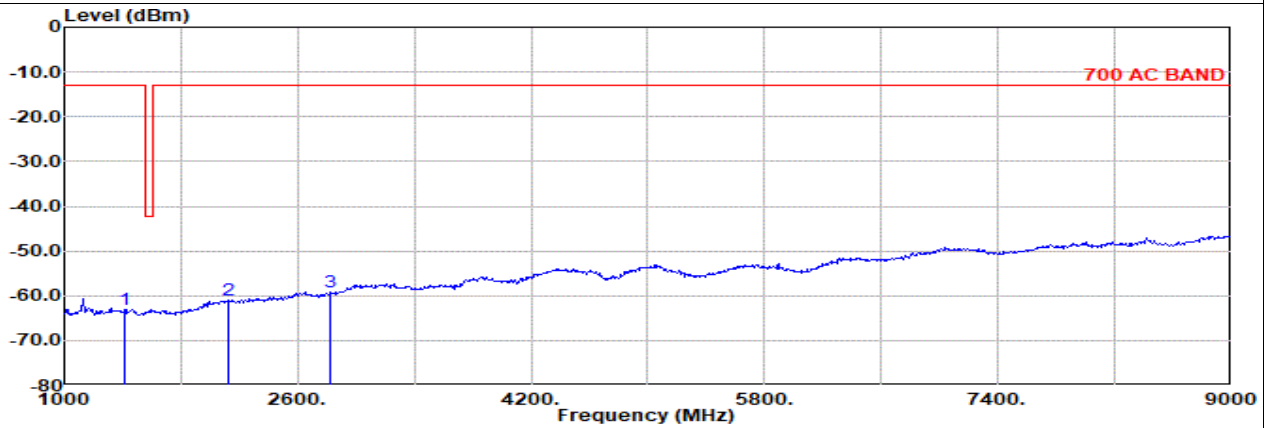
Ant. 0

Part 27H Mode 2
 LTE B17 10M Ch23800 1RB0 QPSK
 H



Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Horizontal
 : LTE Band 17 10M Ch23800 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				g	dB		dB
1	1413.00	-63.77	RMS	25.83	-29.52	0.66	-95.23	34.49	-13.00	-50.77	Horizontal
2	2119.00	-61.02	RMS	27.40	-26.85	0.15	-95.23	33.51	-13.00	-48.02	Horizontal
3	2826.00	-59.61	RMS	28.26	-25.89	0.25	-95.23	33.00	-13.00	-46.61	Horizontal



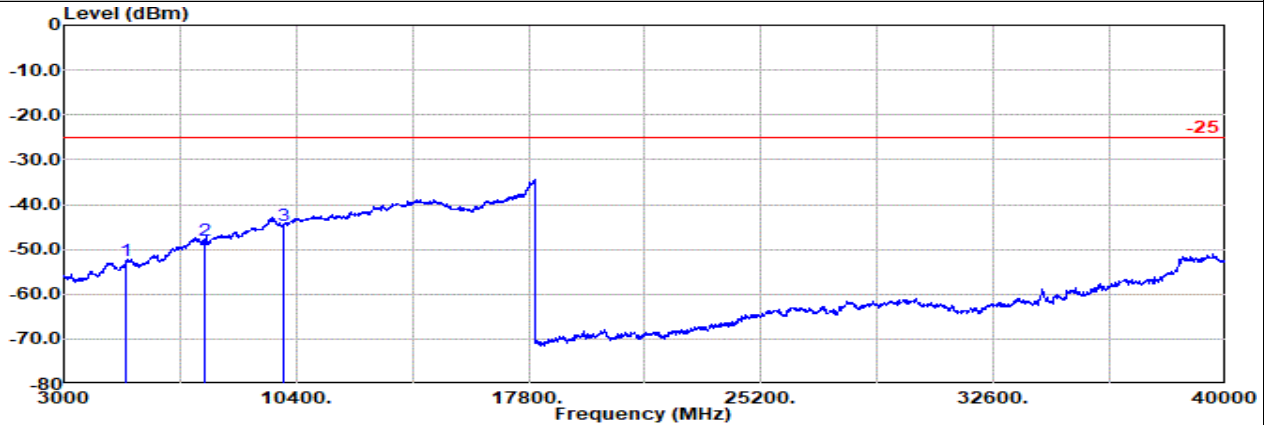
Site : 03CH11-HY
 Condition: 700 AC BAND 3m 9120D_01620_230817 Vertical
 : LTE Band 17 10M Ch23800 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Reading	Limit	Margin		Pol	
			Factor	1				g	dB		dB
1	1413.00	-63.22	RMS	25.83	-29.52	0.66	-95.23	35.04	-13.00	-50.22	Vertical
2	2119.00	-61.07	RMS	27.40	-26.85	0.15	-95.23	33.46	-13.00	-48.07	Vertical
3	2826.00	-59.19	RMS	28.26	-25.89	0.25	-95.23	33.42	-13.00	-46.19	Vertical



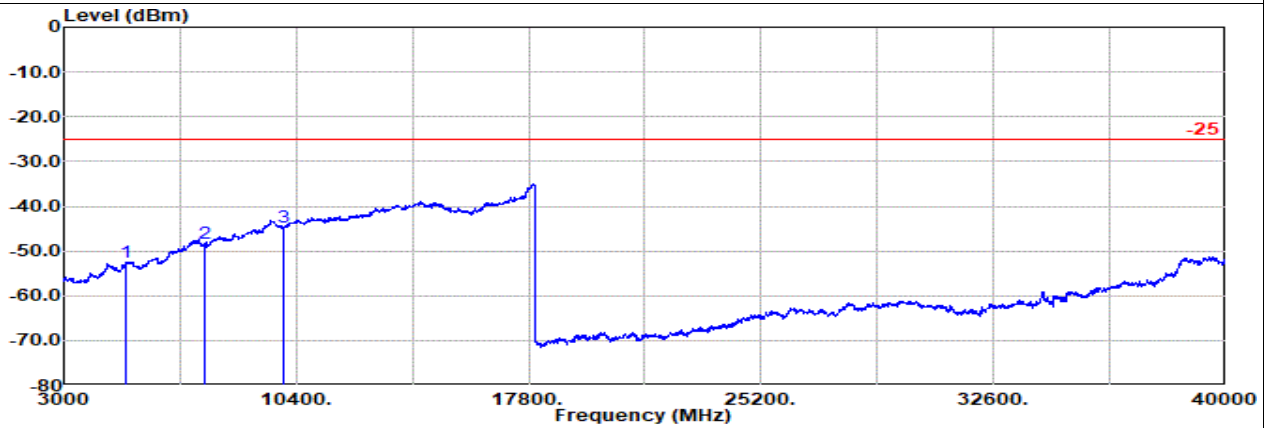
Ant. 1

Part 27M Mode 1
LTE B7 20M Ch20850 1RB0 QPSK
L



Site : 03CH11-HY
Condition: -25 3m 9120D_01620_230817 Horizontal
: LTE Band 7 20M Ch20850 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 5002.00	-52.62	RMS	33.20	-22.64	0.50	-95.23	31.55	-25.00	-27.62 Horizontal
2 7503.00	-48.00	RMS	36.19	-20.74	0.59	-95.23	31.19	-25.00	-23.00 Horizontal
3 10004.00	-44.59	RMS	38.42	-18.09	0.58	-95.23	29.73	-25.00	-19.59 Horizontal



Site : 03CH11-HY
Condition: -25 3m 9120D_01620_230817 Vertical
: LTE Band 7 20M Ch20850 1RB0 QPSK

Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
			Factor	1				g	
MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1 5002.00	-52.66	RMS	33.20	-22.64	0.50	-95.23	31.51	-25.00	-27.66 Vertical
2 7503.00	-48.37	RMS	36.19	-20.74	0.59	-95.23	30.82	-25.00	-23.37 Vertical
3 10004.00	-44.79	RMS	38.42	-18.09	0.58	-95.23	29.53	-25.00	-19.79 Vertical