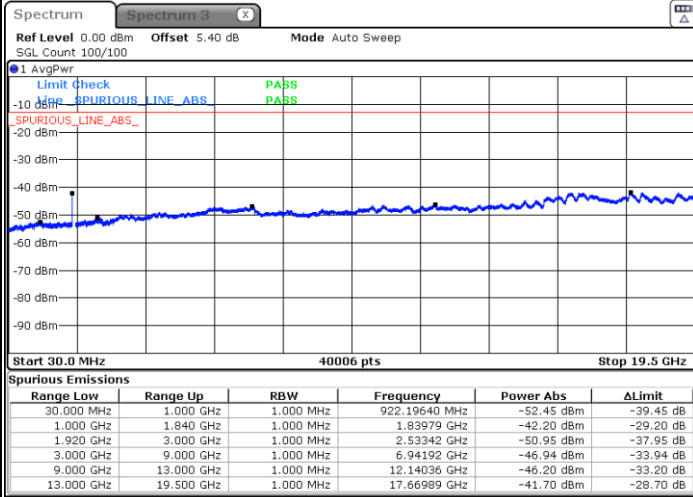




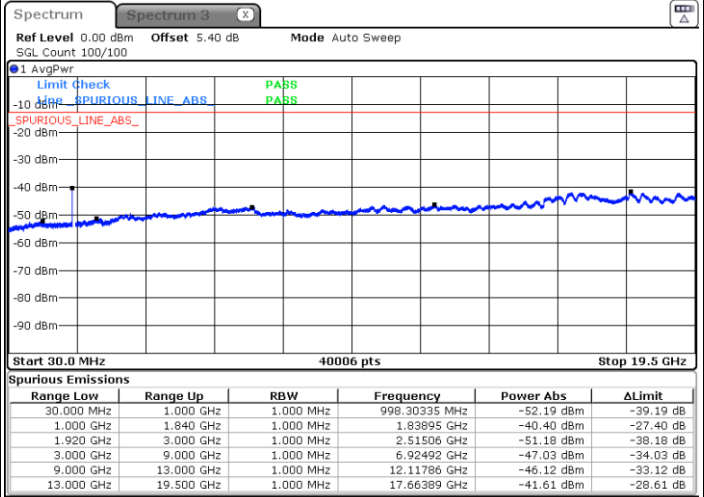
LTE Band 2 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

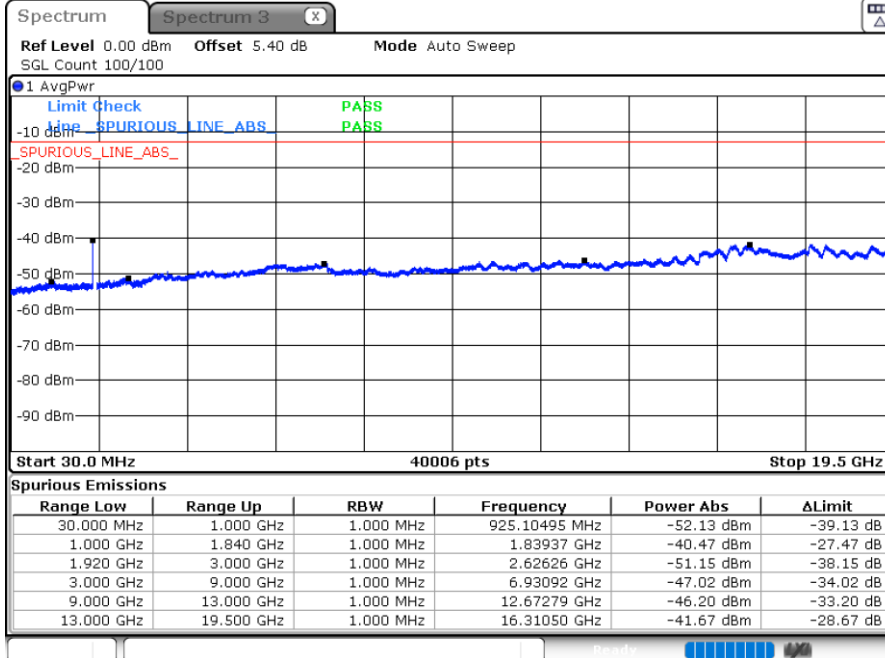


Date: 9.JUN.2022 09:37:48



Date: 9.JUN.2022 09:38:42

Highest Channel / QPSK



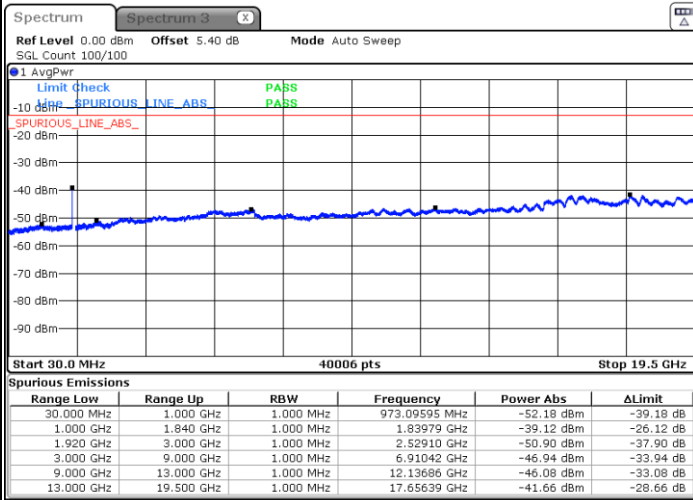
Date: 9.JUN.2022 09:39:24



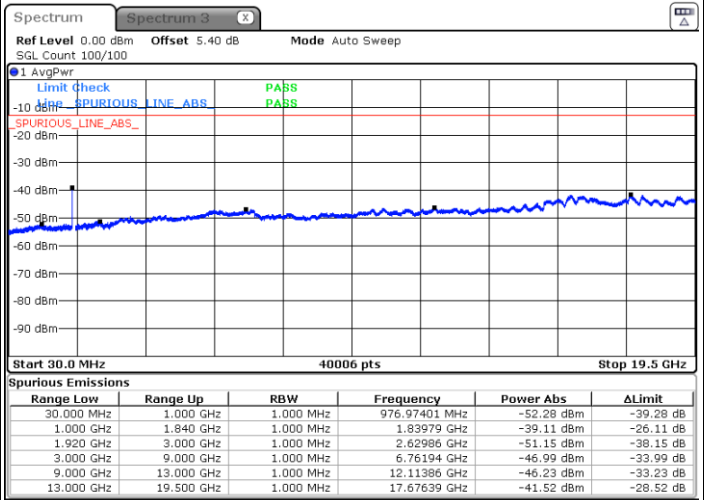
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

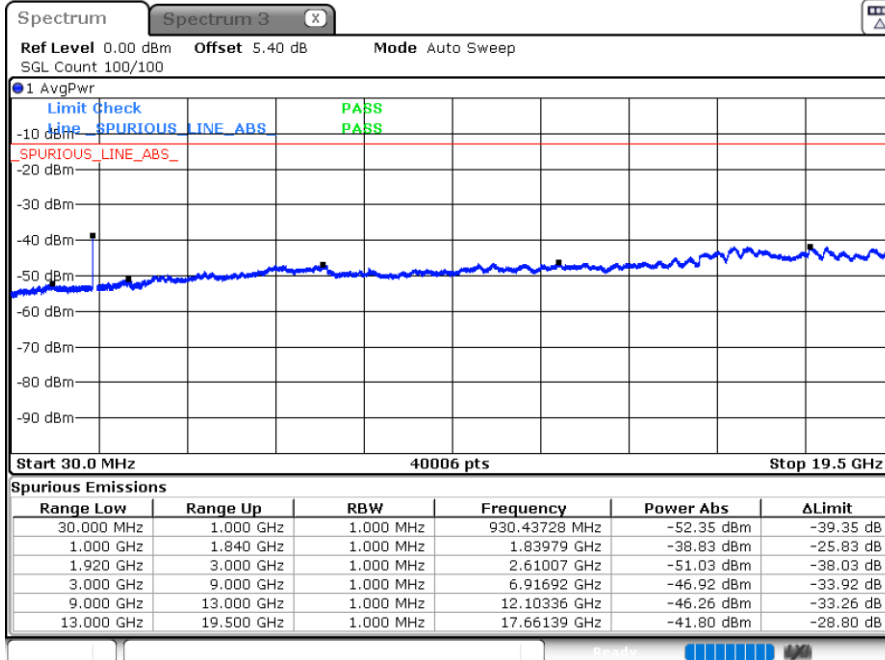


Date: 9.JUN.2022 09:42:26



Date: 9.JUN.2022 09:44:18

Highest Channel / QPSK



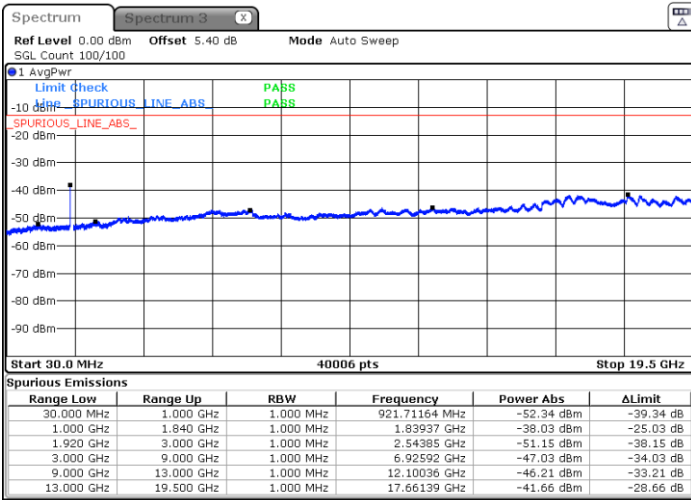
Date: 9.JUN.2022 09:45:54



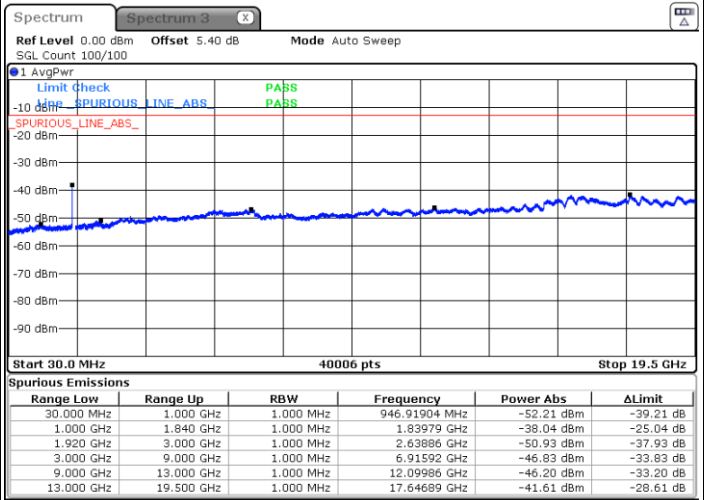
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

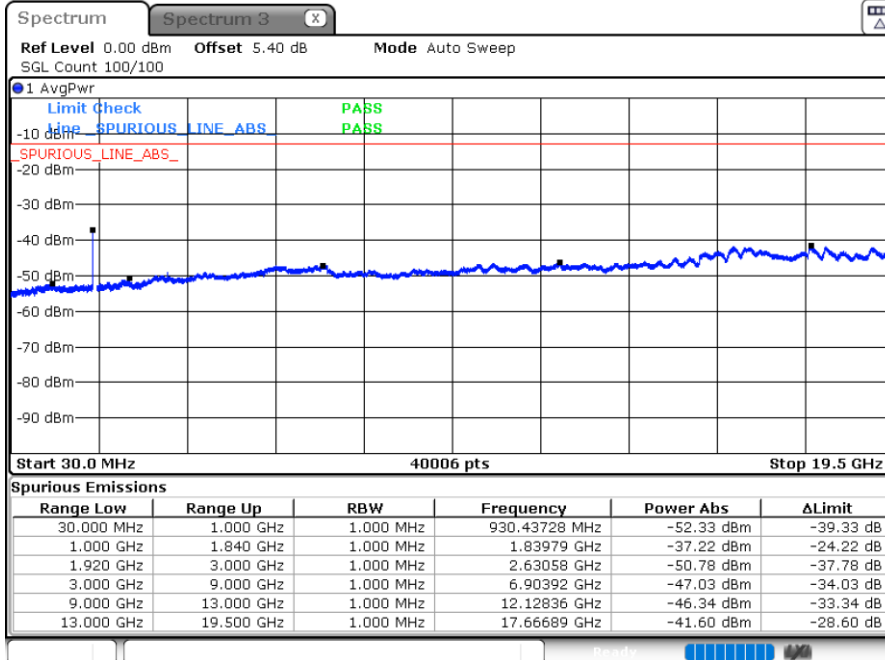


Date: 9.JUN.2022 09:51:42



Date: 9.JUN.2022 09:52:27

Highest Channel / QPSK



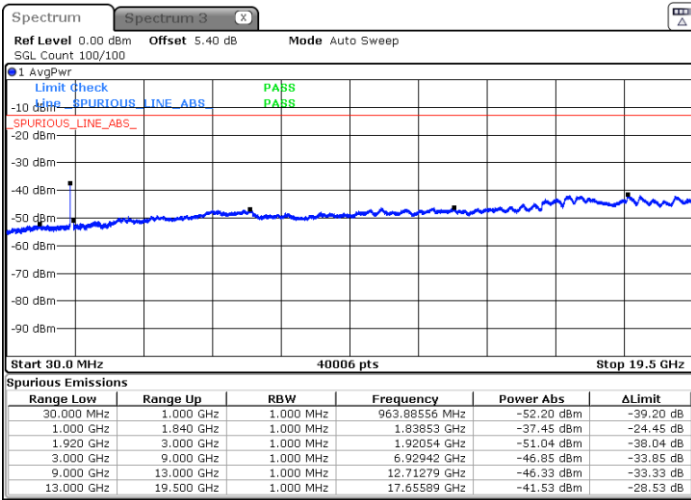
Date: 9.JUN.2022 09:53:40



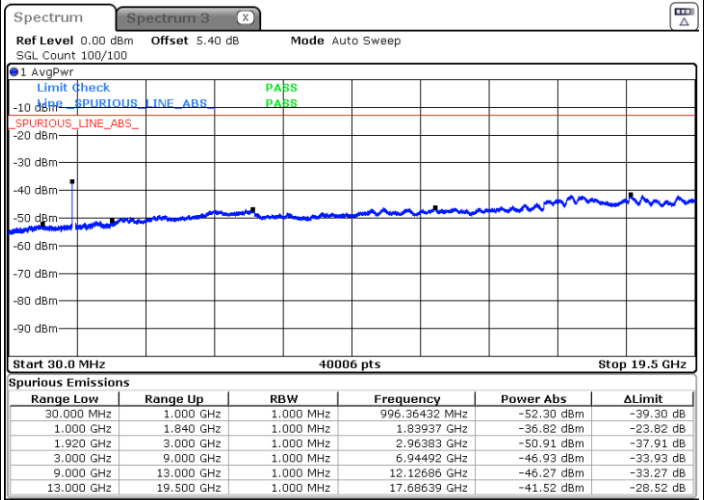
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

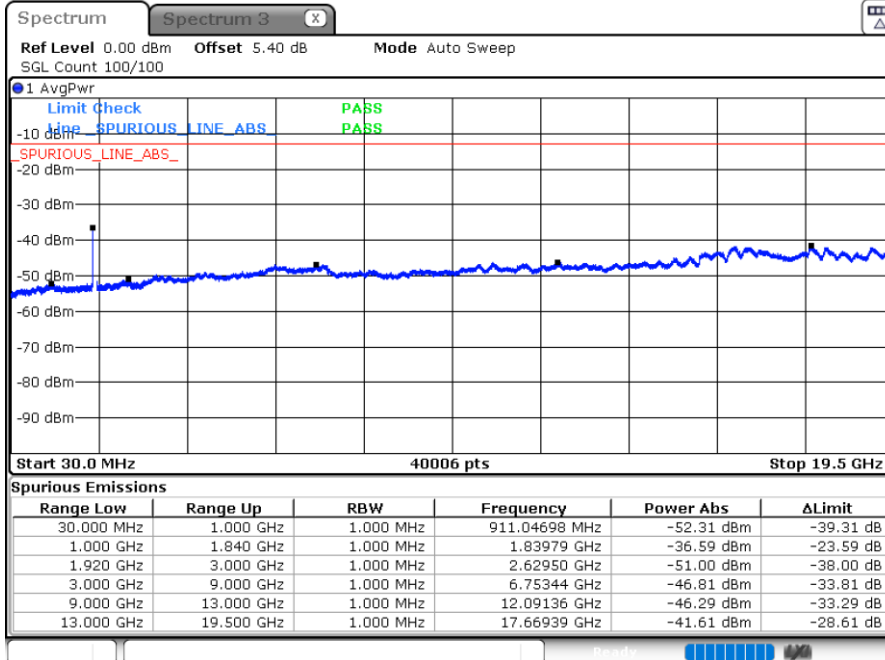


Date: 9.JUN.2022 09:56:13



Date: 9.JUN.2022 09:56:54

Highest Channel / QPSK



Date: 9.JUN.2022 09:57:40



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0008	

Note:

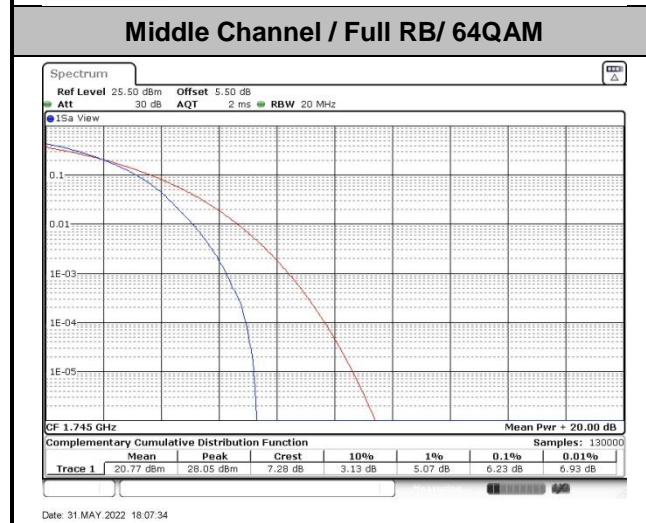
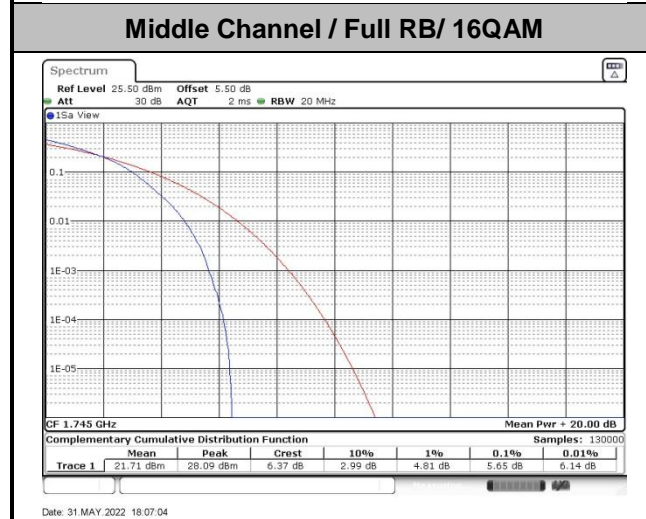
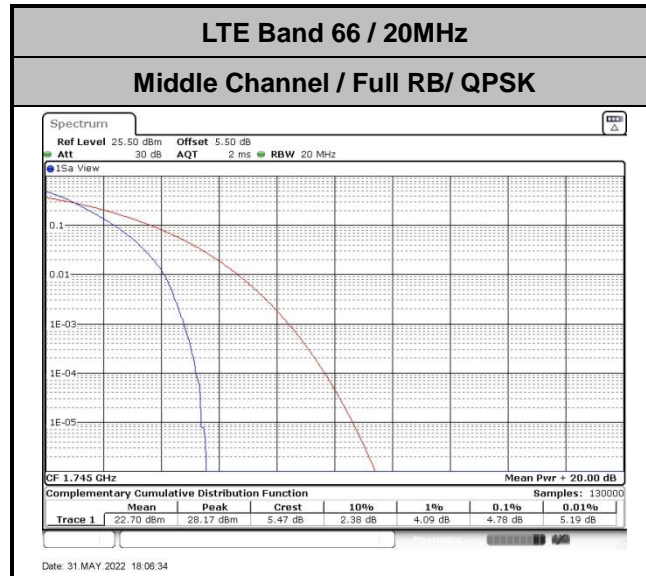
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.78	5.65	6.23	PASS





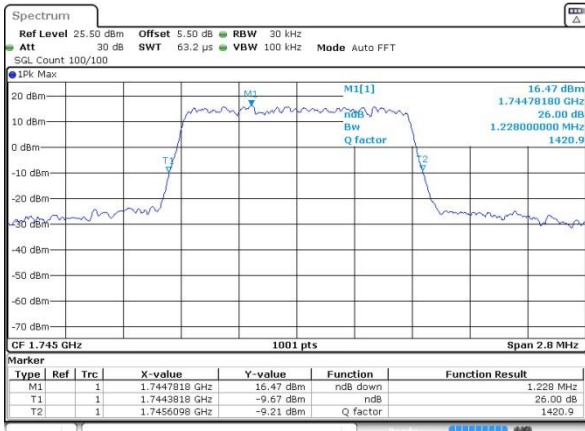
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.23	1.22
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.02	3.03
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.95	4.90
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.71	9.93
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.54	14.54
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.14	20.10



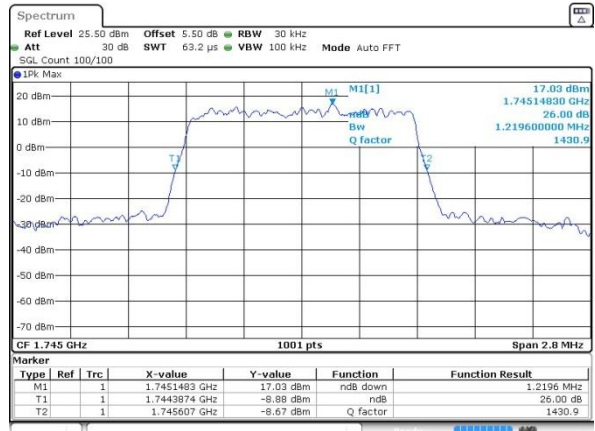
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 31 MAY 2022 16:49:05

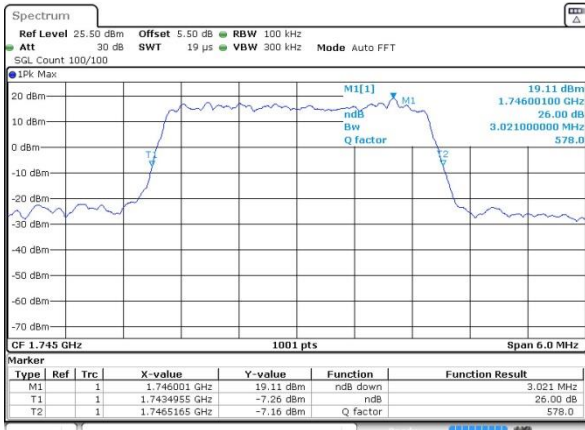
Middle Channel / 1.4MHz / 16QAM



Date: 31 MAY 2022 16:49:28

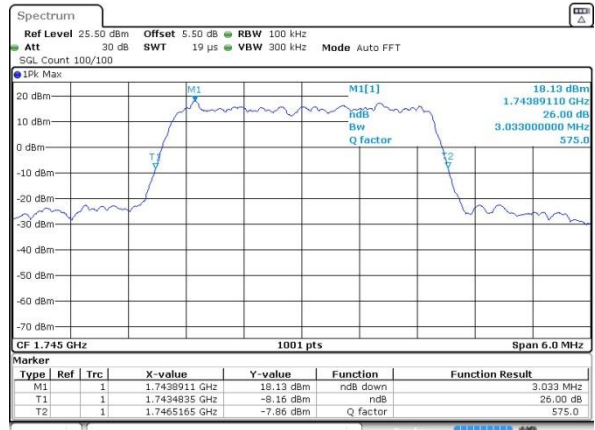
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 31 MAY 2022 17:08:05

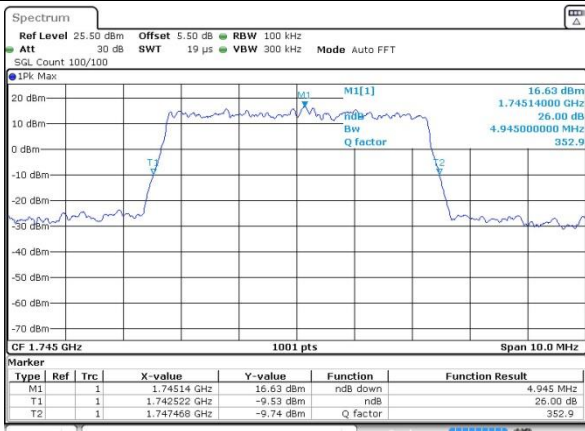
Middle Channel / 3MHz / 16QAM



Date: 31 MAY 2022 17:08:33

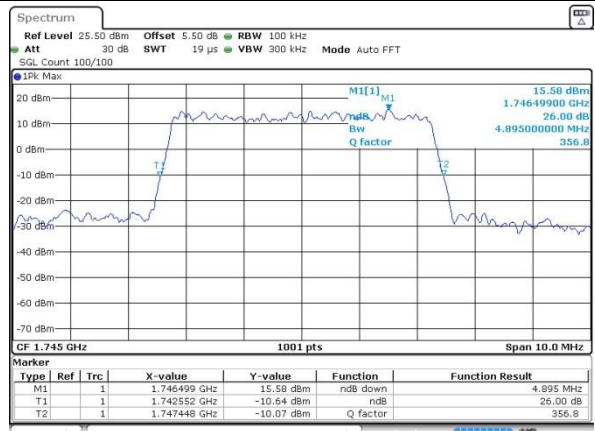
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 31 MAY 2022 17:25:04

Middle Channel / 5MHz / 16QAM

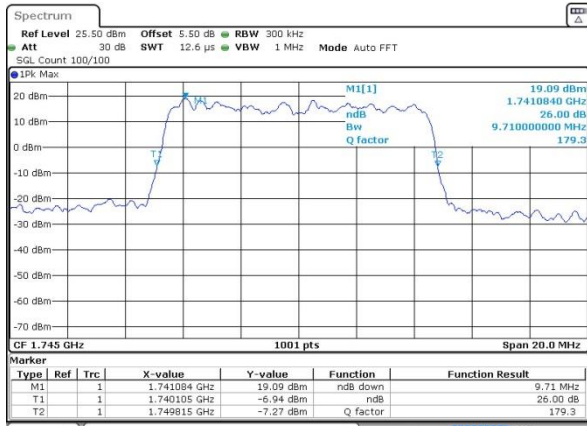


Date: 31 MAY 2022 17:25:32



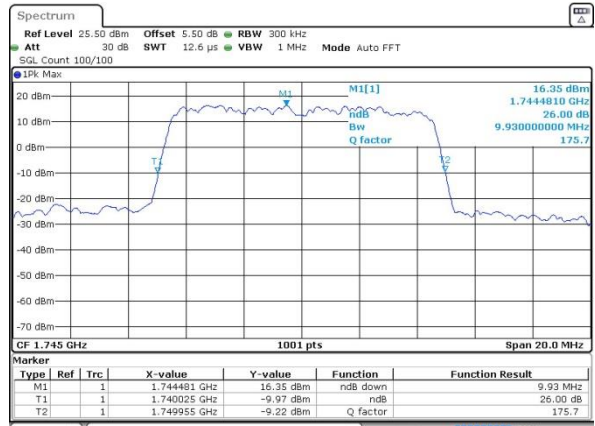
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 31 MAY 2022 17:40:53

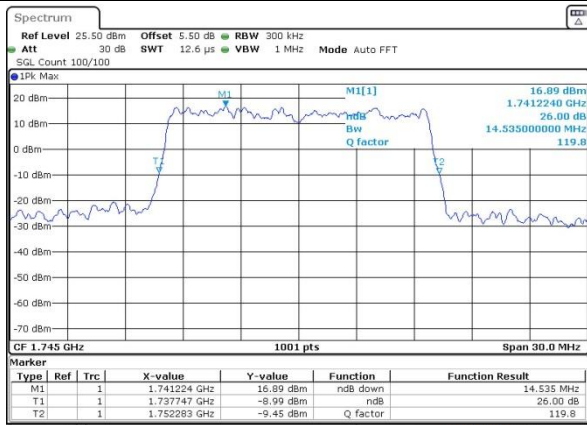
Middle Channel / 10MHz / 16QAM



Date: 31 MAY 2022 17:41:17

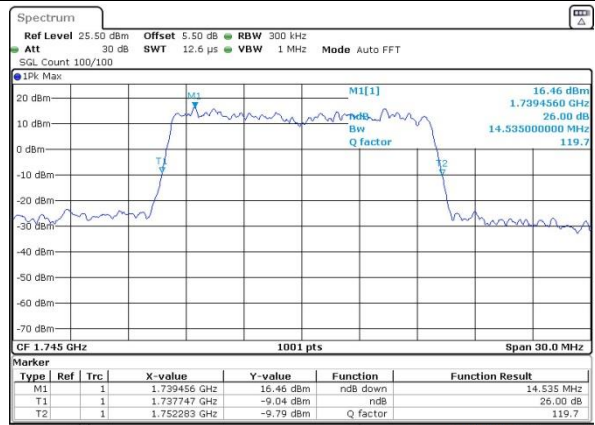
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 31 MAY 2022 17:54:27

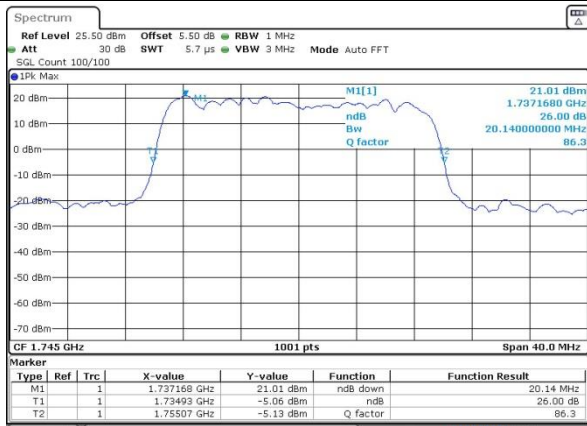
Middle Channel / 15MHz / 16QAM



Date: 31 MAY 2022 17:54:49

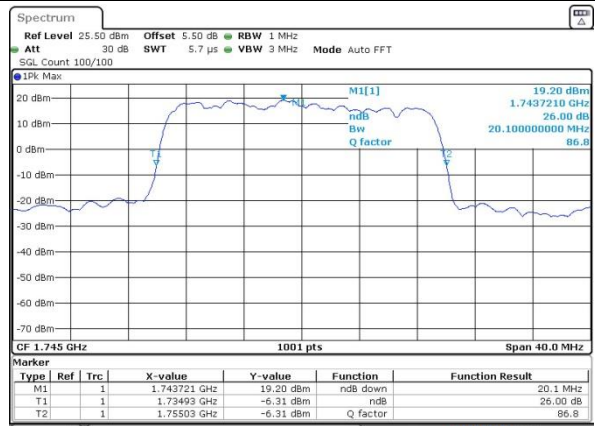
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 31 MAY 2022 18:06:49

Middle Channel / 20MHz / 16QAM



Date: 31 MAY 2022 18:07:20



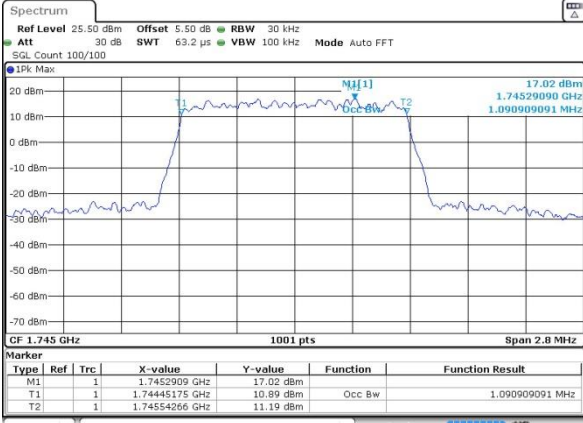
Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.72
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.50
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.07
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.52
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.34	18.34



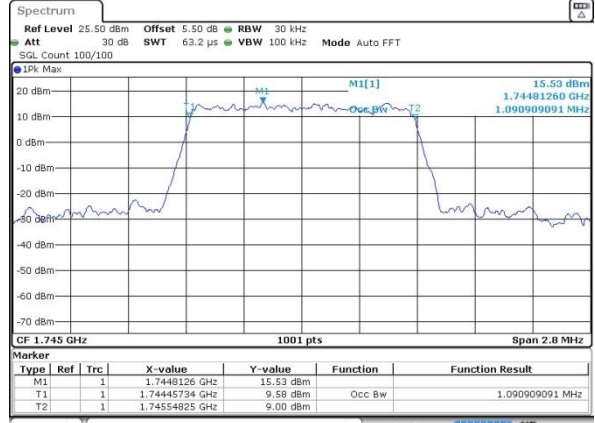
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 31 MAY 2022 16:48:57

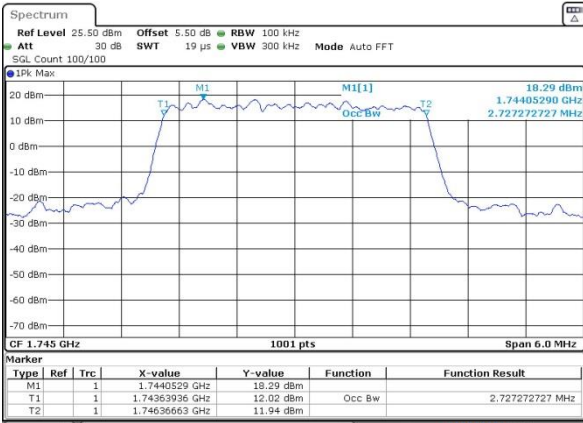
Middle Channel / 1.4MHz / 16QAM



Date: 31 MAY 2022 16:49:21

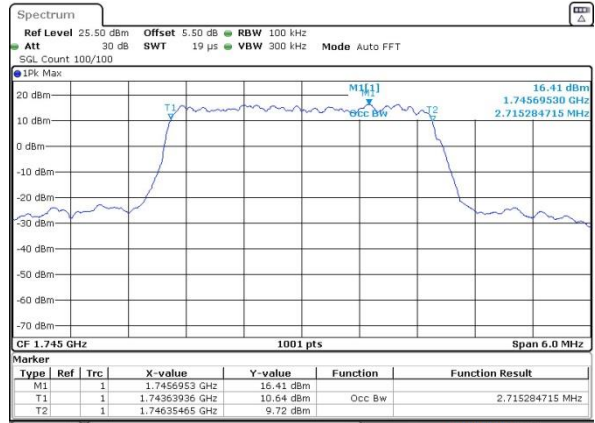
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 31 MAY 2022 17:07:57

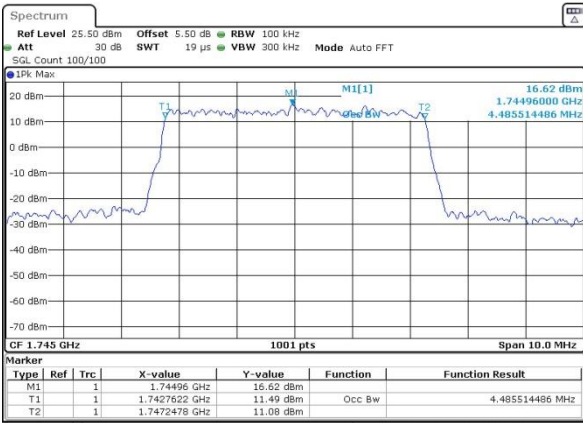
Middle Channel / 3MHz / 16QAM



Date: 31 MAY 2022 17:08:26

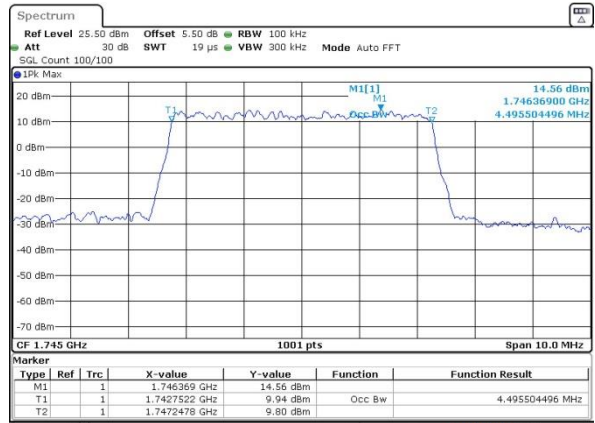
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 31 MAY 2022 17:24:31

Middle Channel / 5MHz / 16QAM

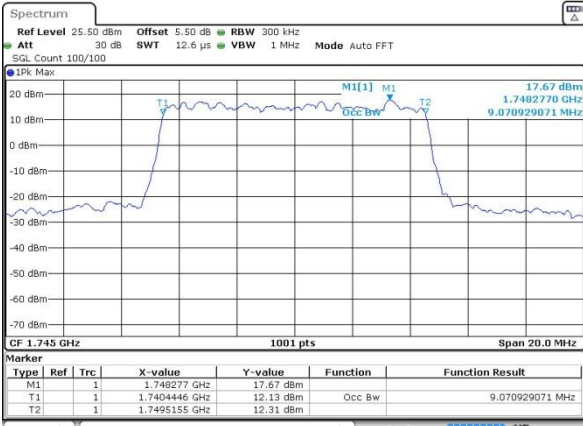


Date: 31 MAY 2022 17:25:24



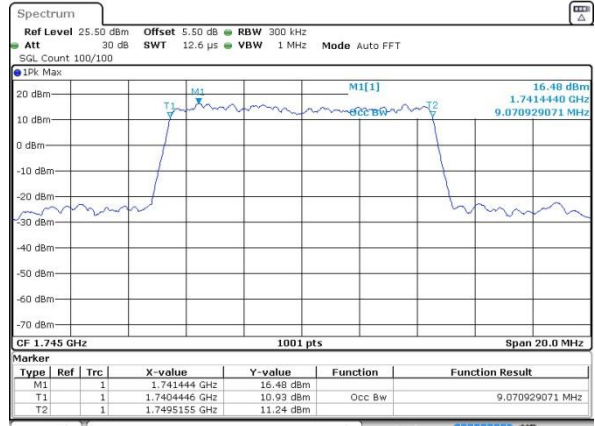
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 31 MAY 2022 17:40:45

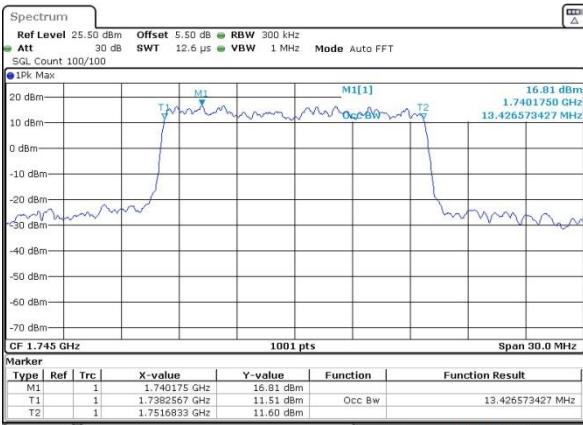
Middle Channel / 10MHz / 16QAM



Date: 31 MAY 2022 17:41:09

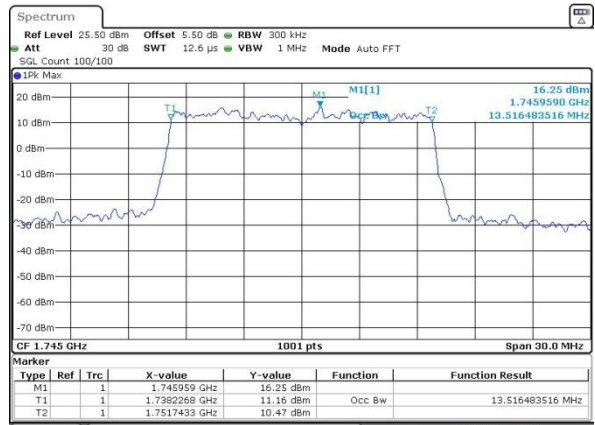
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 31 MAY 2022 17:54:20

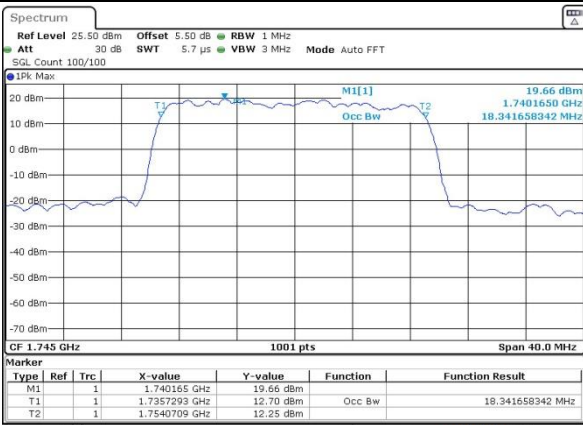
Middle Channel / 15MHz / 16QAM



Date: 31 MAY 2022 17:54:41

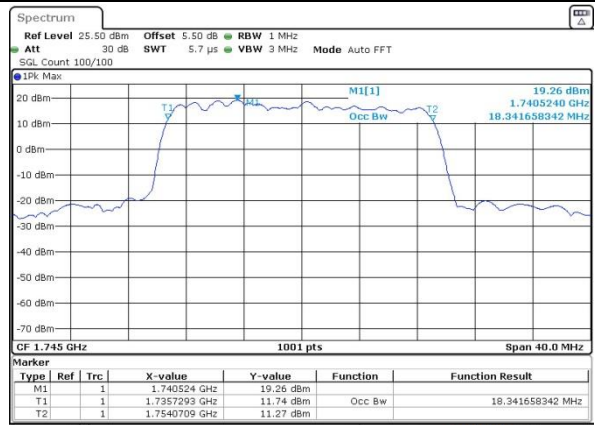
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 31 MAY 2022 18:06:42

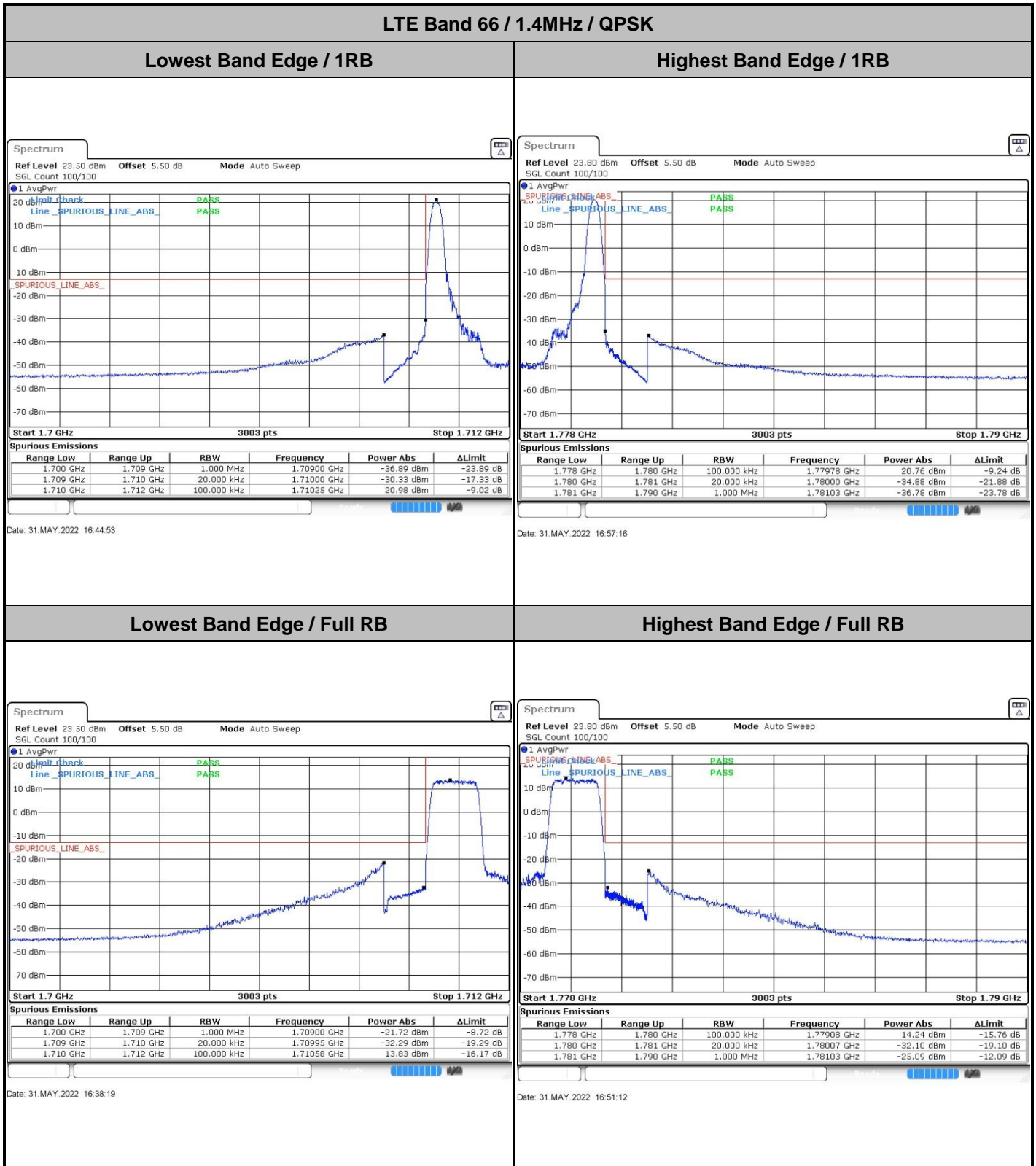
Middle Channel / 20MHz / 16QAM



Date: 31 MAY 2022 18:07:12



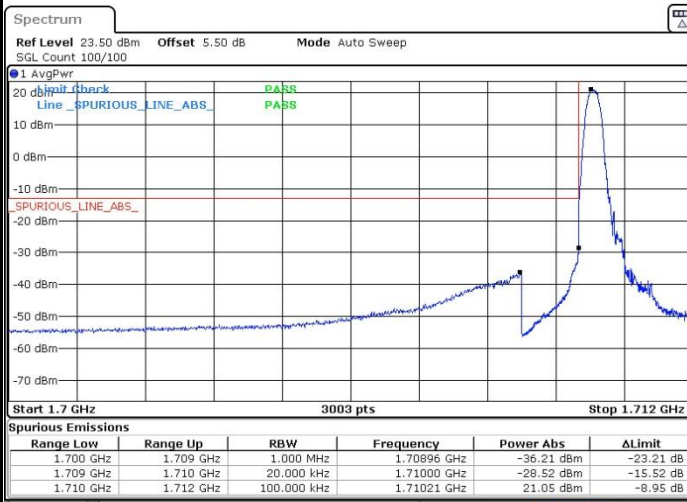
Conducted Band Edge





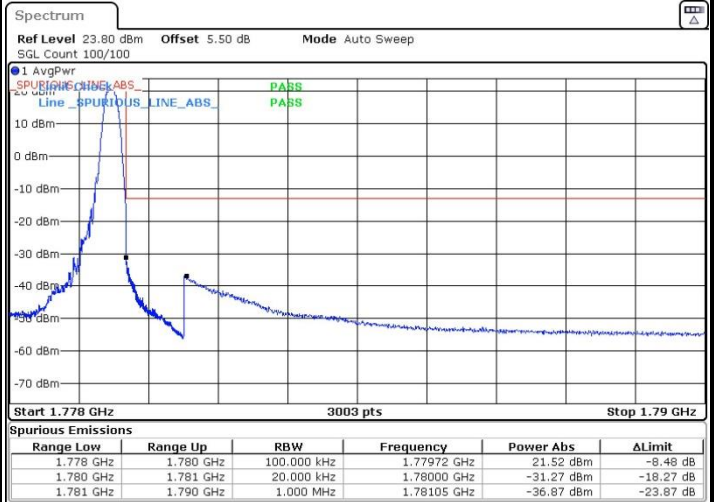
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



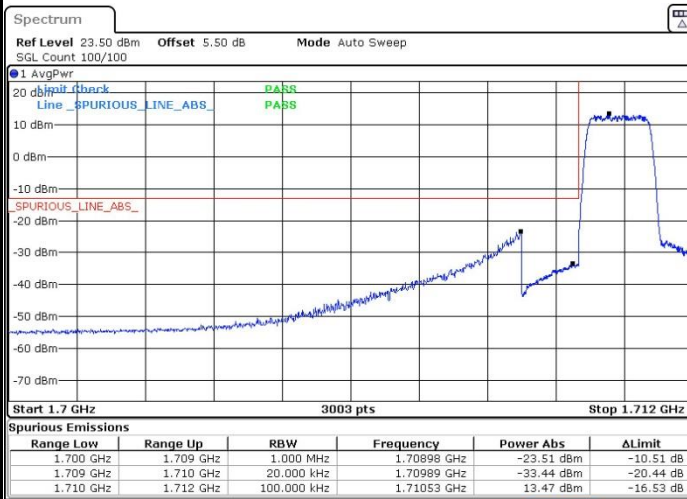
Date: 31.MAY.2022 16:43:40

Highest Band Edge / 1 RB



Date: 31.MAY.2022 16:56:04

Lowest Band Edge / Full RB



Date: 31.MAY.2022 16:39:50

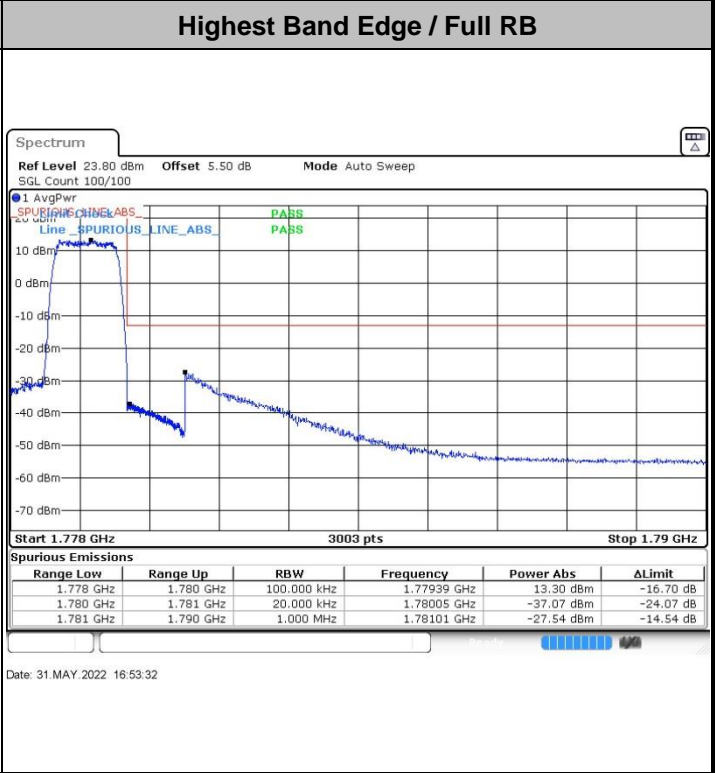
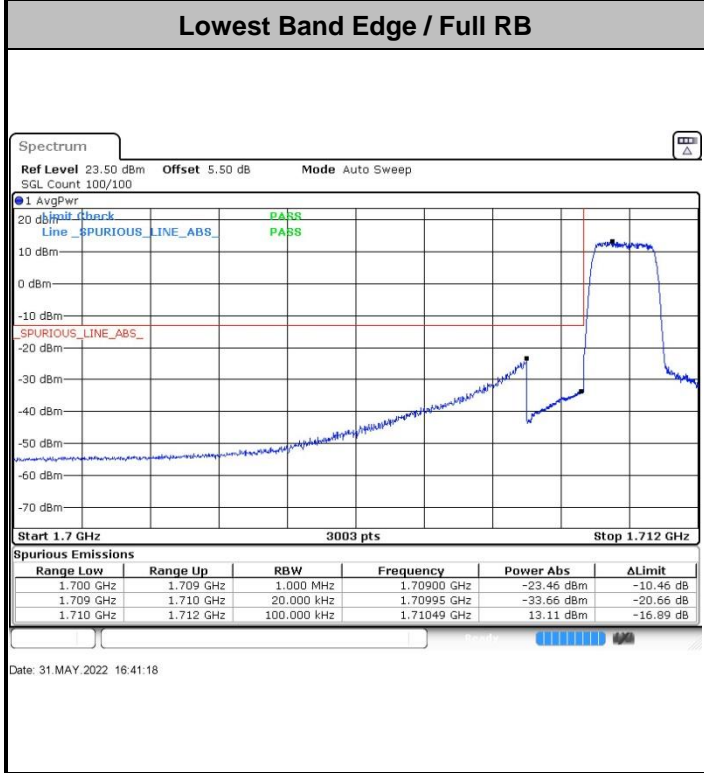
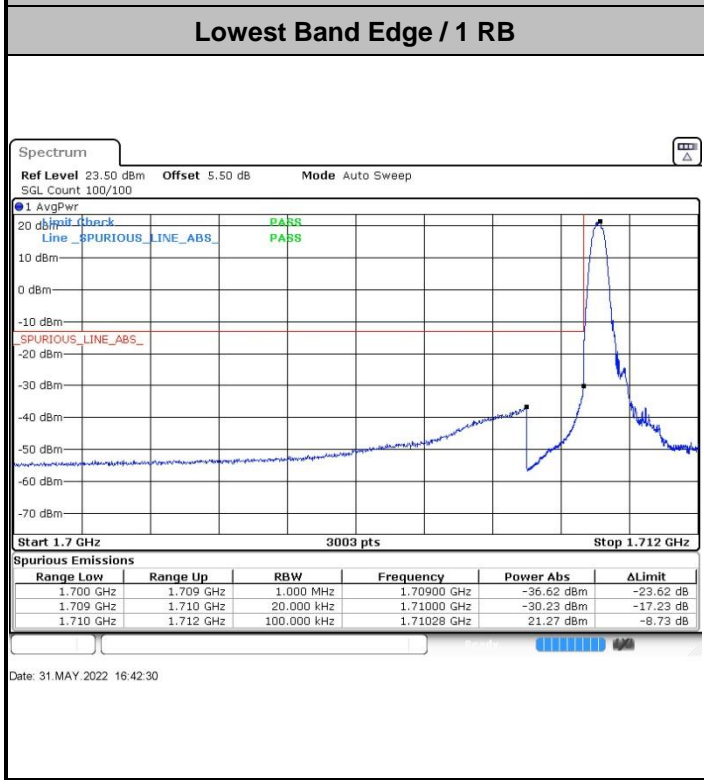
Highest Band Edge / Full RB



Date: 31.MAY.2022 16:52:19



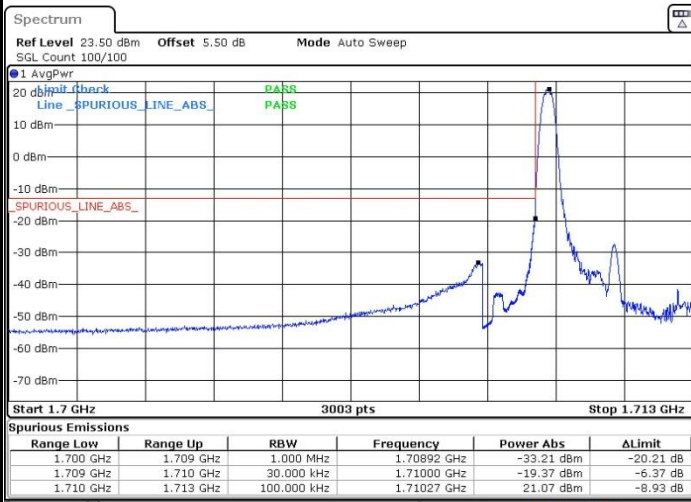
LTE Band 66 / 1.4MHz / 64QAM





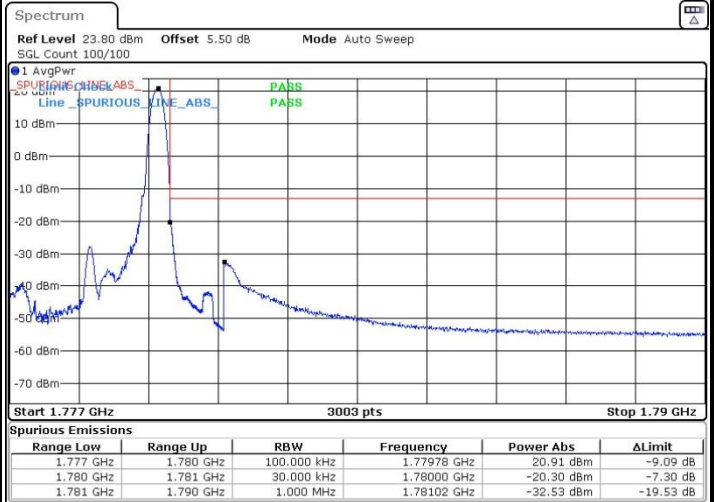
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 31.MAY.2022 17:05:36

Highest Band Edge / 1 RB



Date: 31.MAY.2022 17:13:58

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:01:59

Highest Band Edge / Full RB

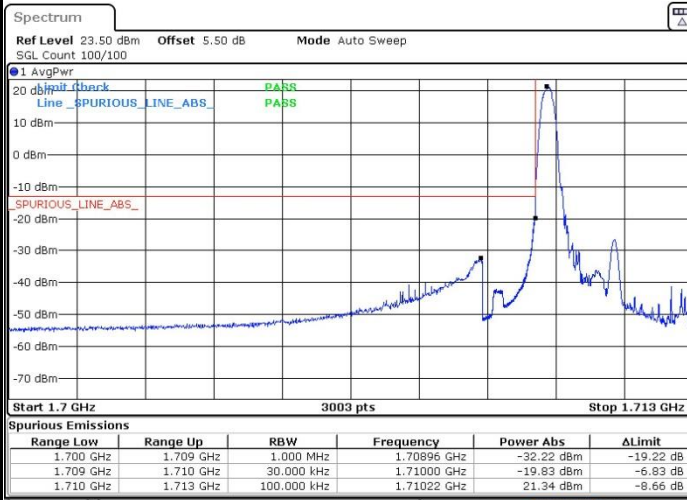


Date: 31.MAY.2022 17:10:08



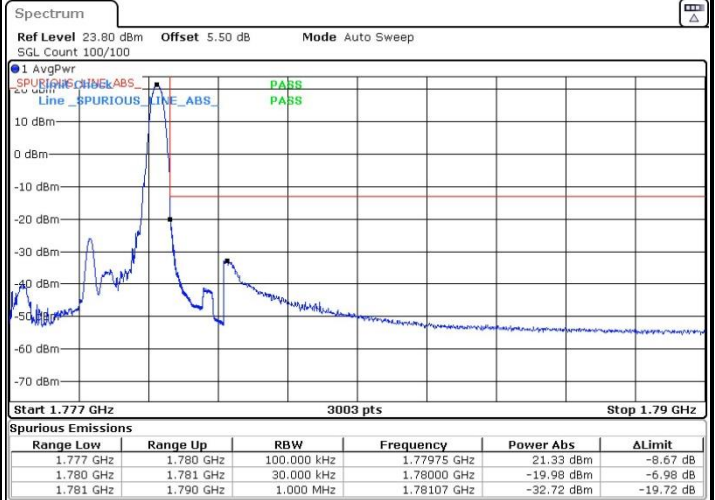
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 31.MAY.2022 17:04:58

Highest Band Edge / 1 RB



Date: 31.MAY.2022 17:13:15

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:02:42

Highest Band Edge / Full RB

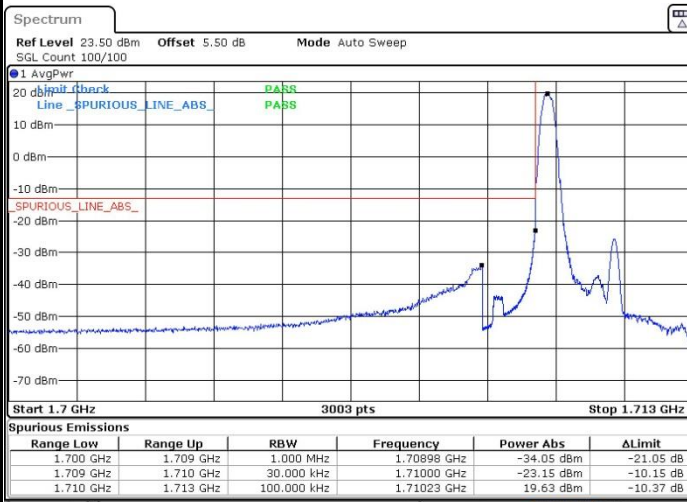


Date: 31.MAY.2022 17:10:58



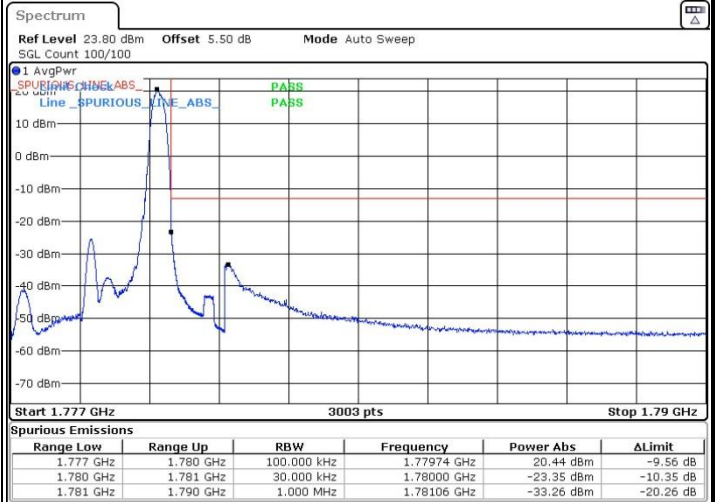
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



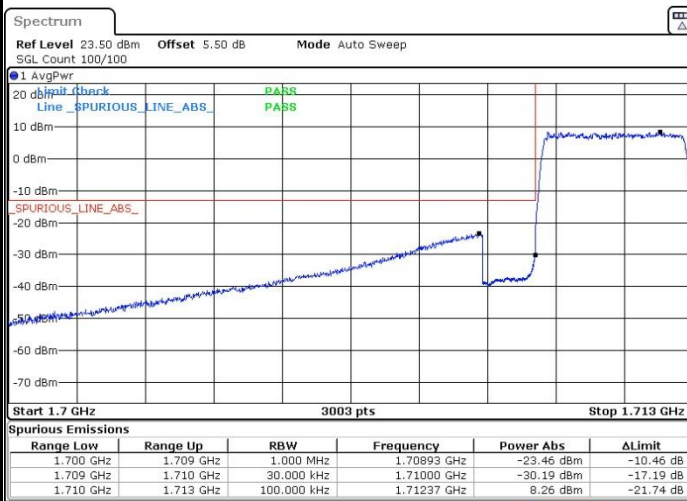
Date: 31.MAY.2022 17:04:13

Highest Band Edge / 1 RB



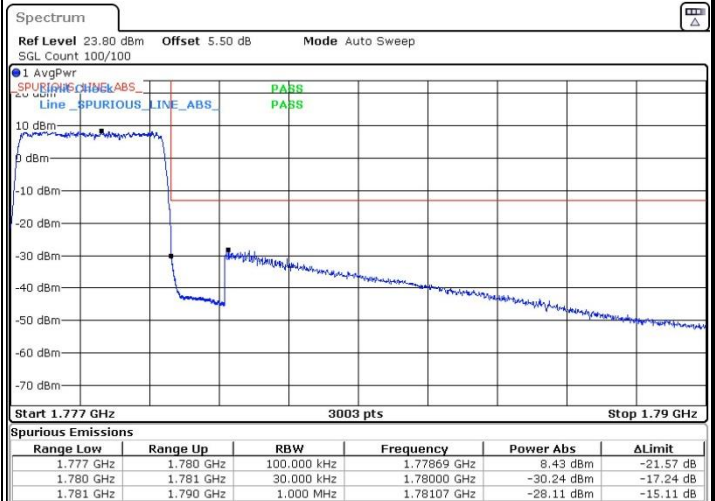
Date: 31.MAY.2022 17:12:25

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:03:27

Highest Band Edge / Full RB

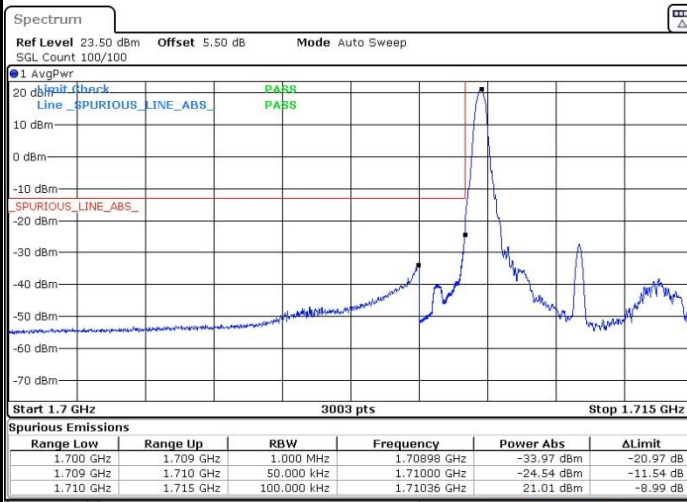


Date: 31.MAY.2022 17:11:37



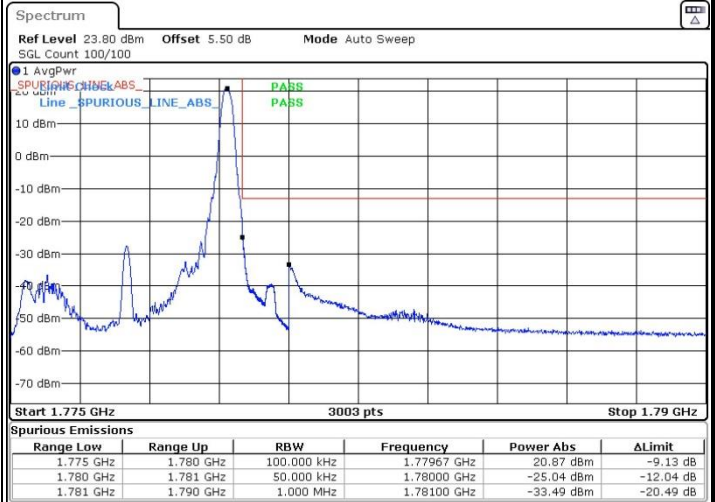
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 31.MAY.2022 17:21:52

Highest Band Edge / 1 RB



Date: 31.MAY.2022 17:31:01

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:18:49

Highest Band Edge / Full RB

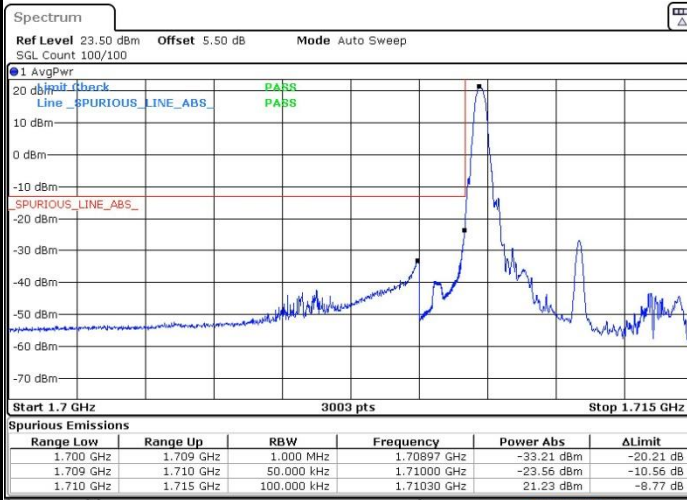


Date: 31.MAY.2022 17:27:58



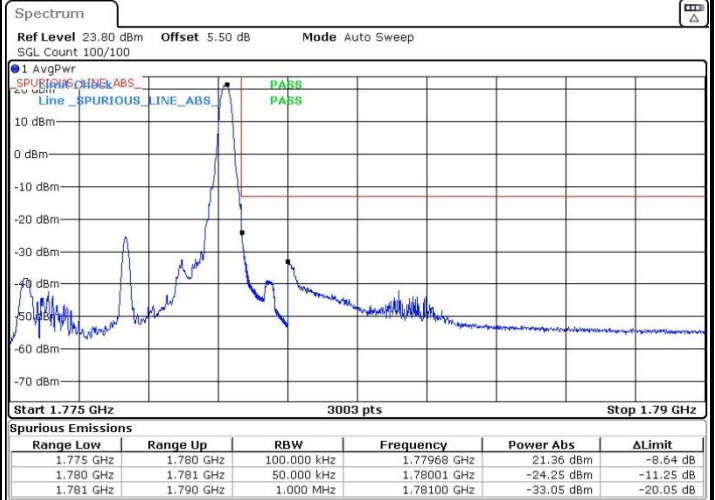
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 31.MAY.2022 17:21:27

Highest Band Edge / 1 RB



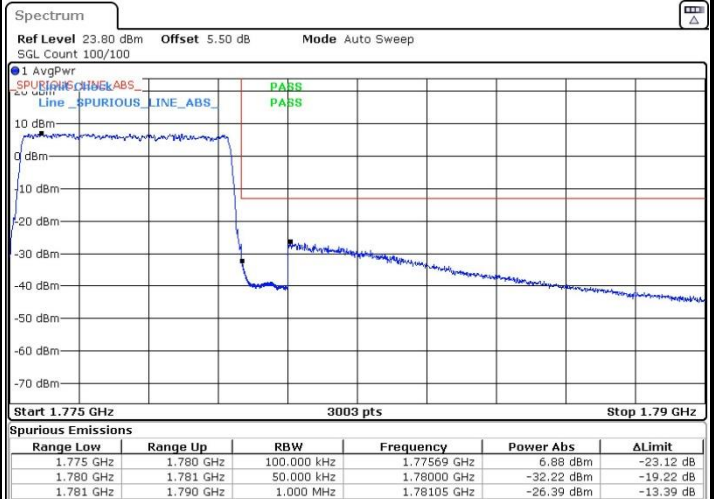
Date: 31.MAY.2022 17:30:34

Lowest Band Edge / Full RB



Date: 31.MAY.2022 17:19:35

Highest Band Edge / Full RB



Date: 31.MAY.2022 17:28:25