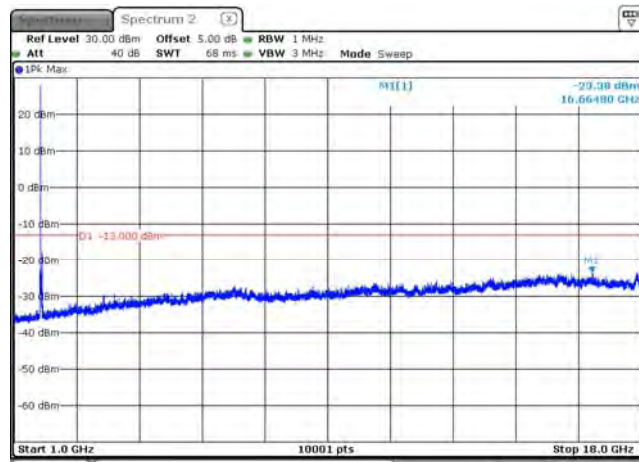
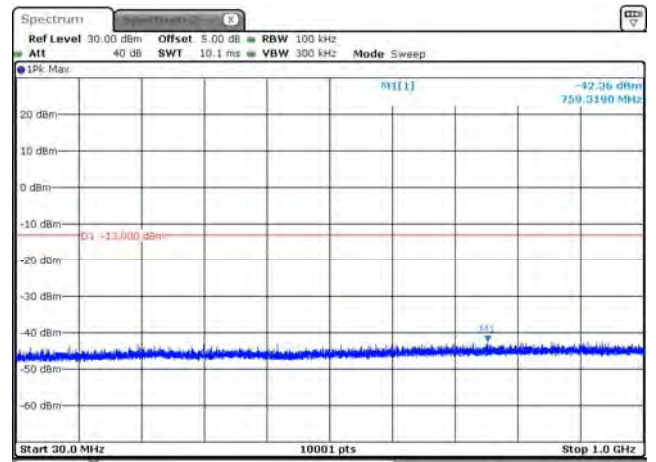


B4_CH20050_20M_1RB0_QPSK_Above 1G



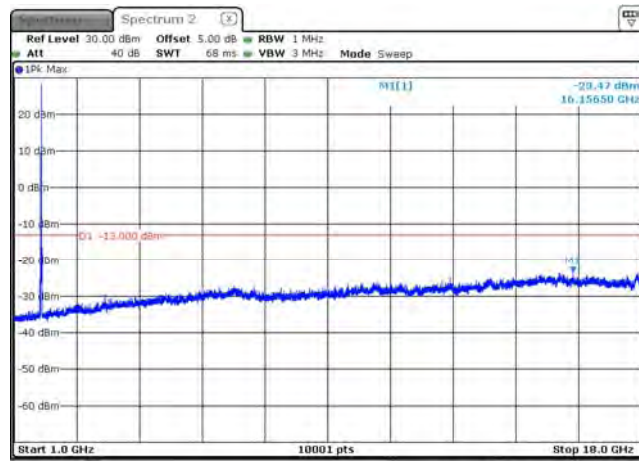
Date: 26 MAY 2021 14:52:31

B4_CH20050_20M_1RB0_QPSK_Below 1G



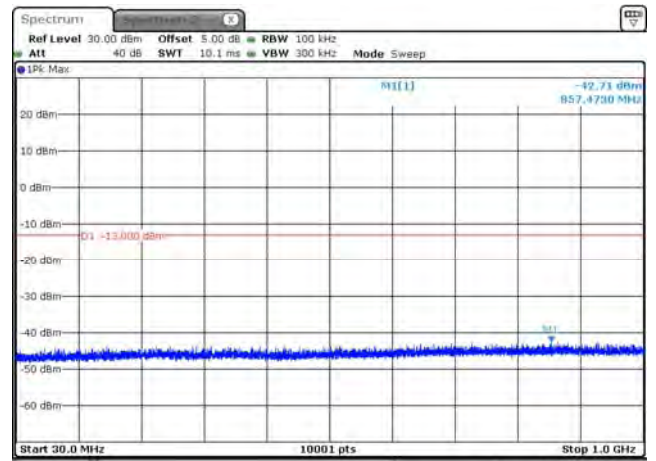
Date: 26 MAY 2021 14:54:22

B4_CH20175_20M_1RB0_QPSK_Above 1G



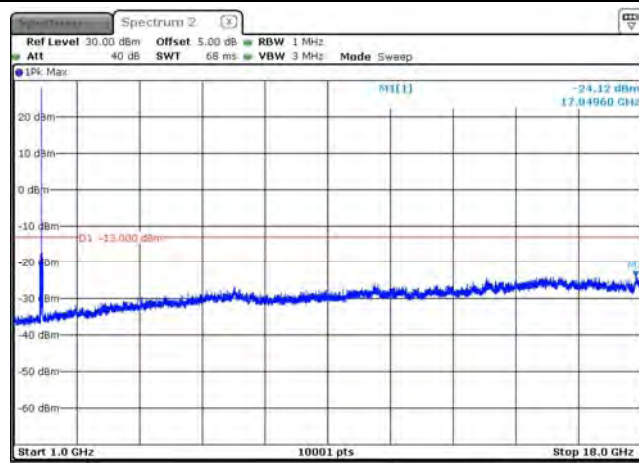
Date: 26 MAY 2021 14:58:36

B4_CH20175_20M_1RB0_QPSK_Below 1G



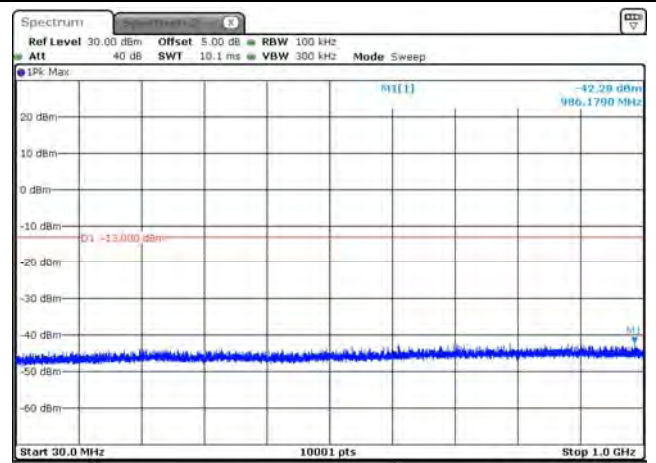
Date: 26 MAY 2021 14:55:51

B4_CH20300_20M_1RB0_QPSK_Above 1G



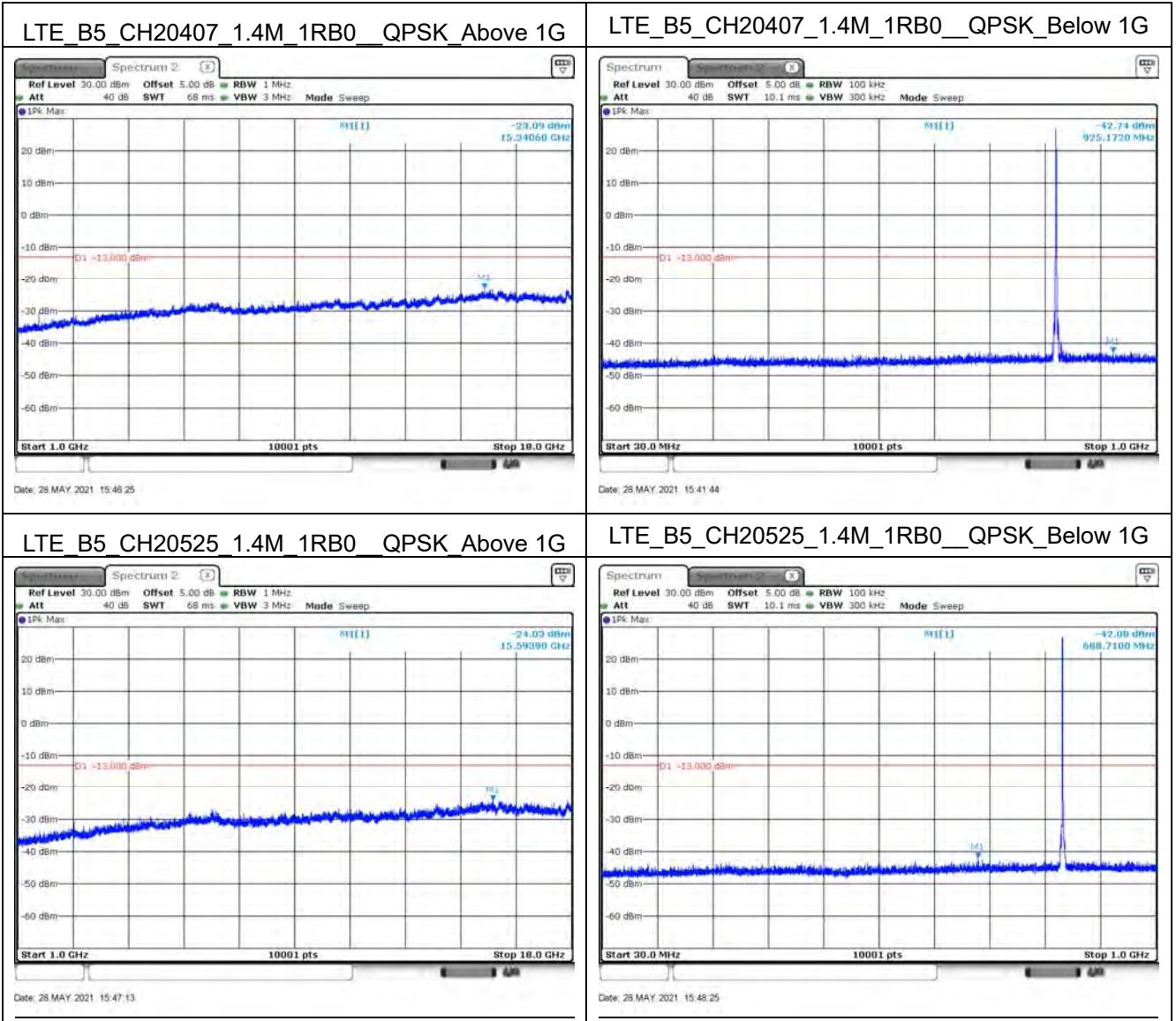
Date: 26 MAY 2021 15:00:21

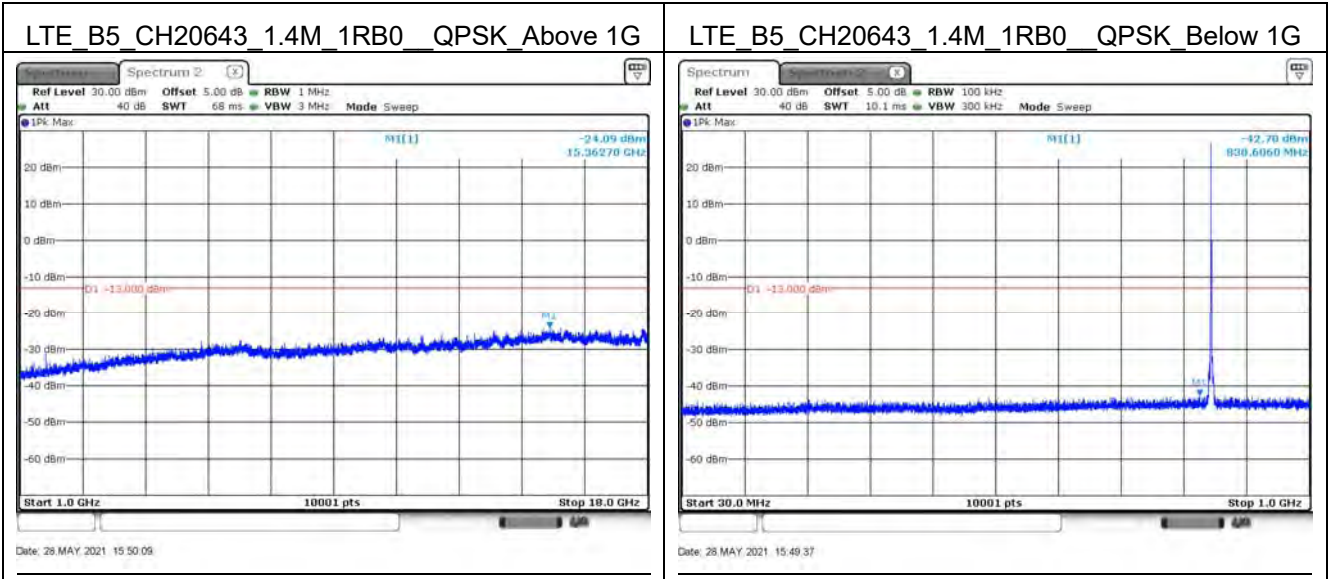
B4_CH20300_20M_1RB0_QPSK_Below 1G

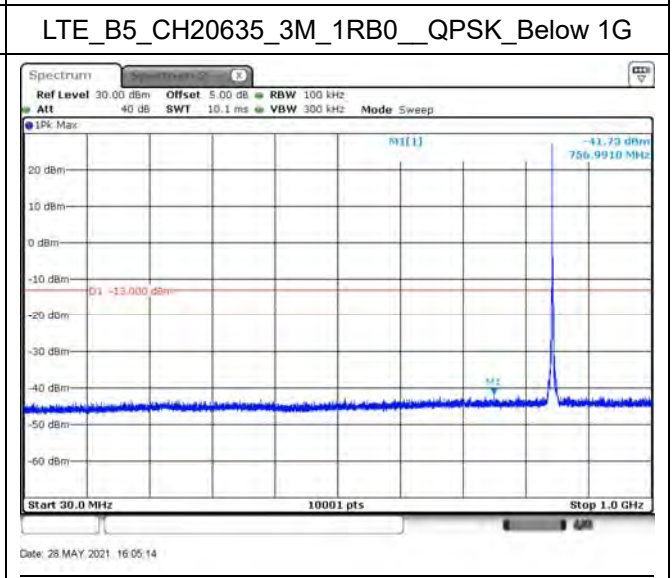
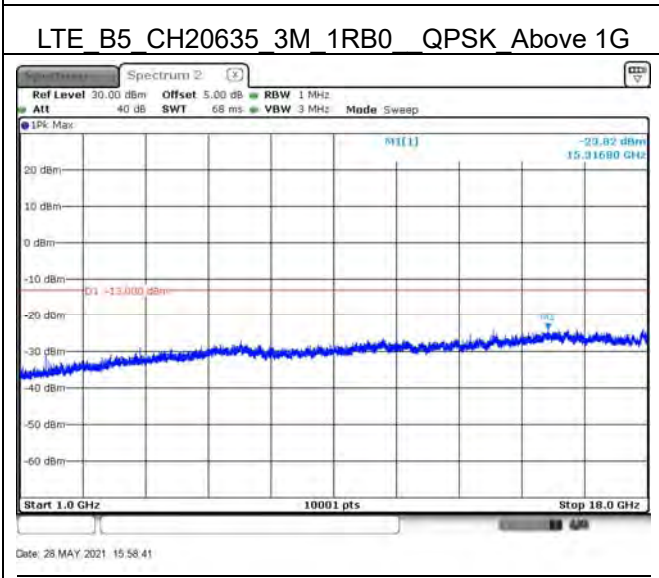
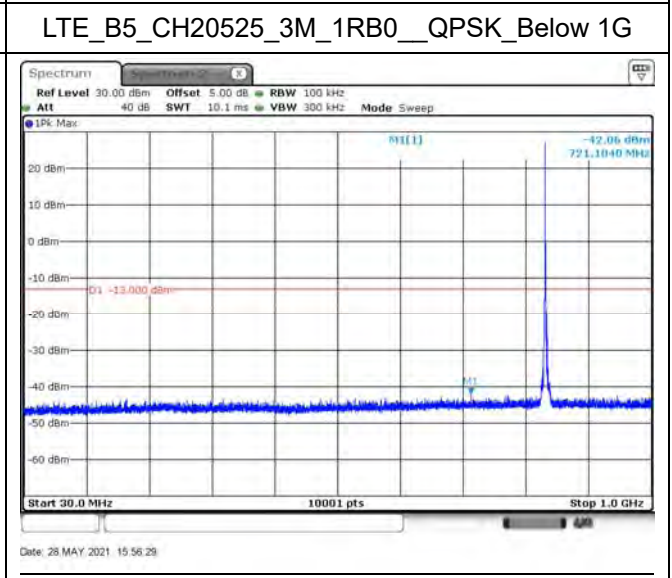
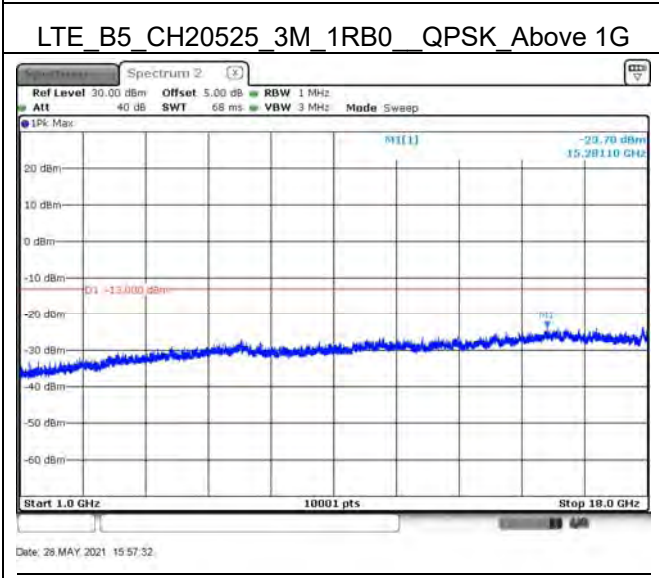
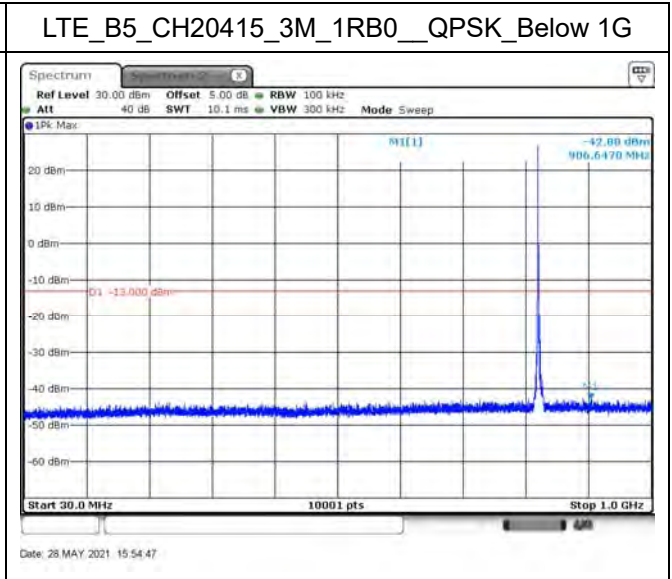
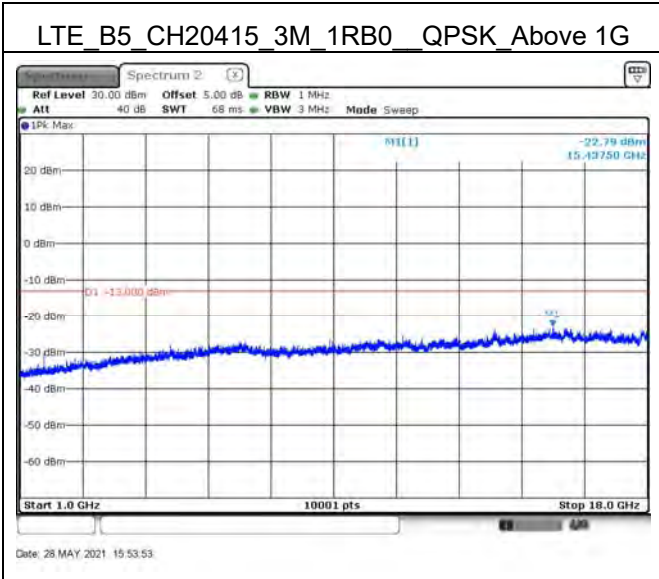


Date: 26 MAY 2021 15:01:42

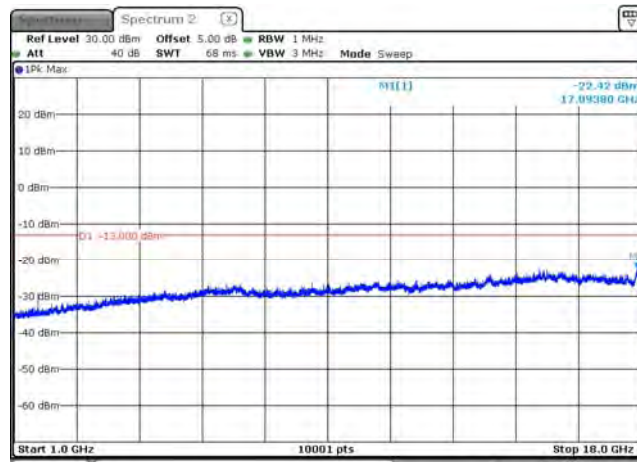
Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2021/05/28	Test Site	SR10-H
Temperature(°C)	26.2	Humidity (%RH)	63





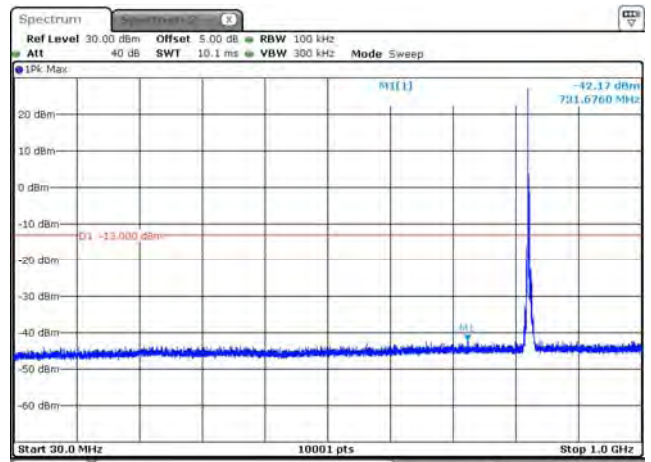


LTE_B5_CH20425_5M_1RB0_QPSK_Above 1G



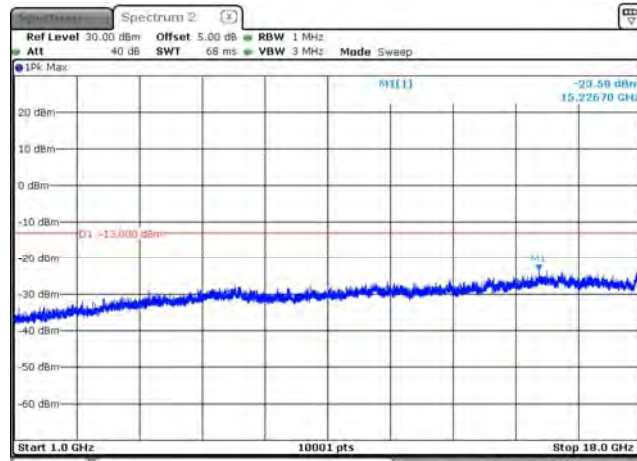
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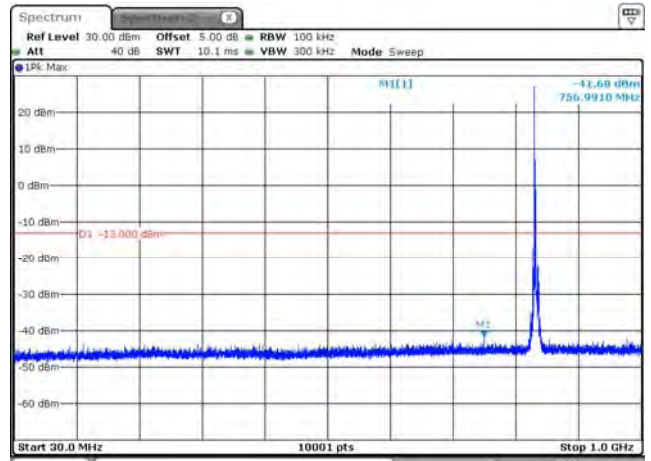
Date: 28 MAY 2021 16:08:57

LTE_B5_CH20525_5M_1RB0_QPSK_Above 1G



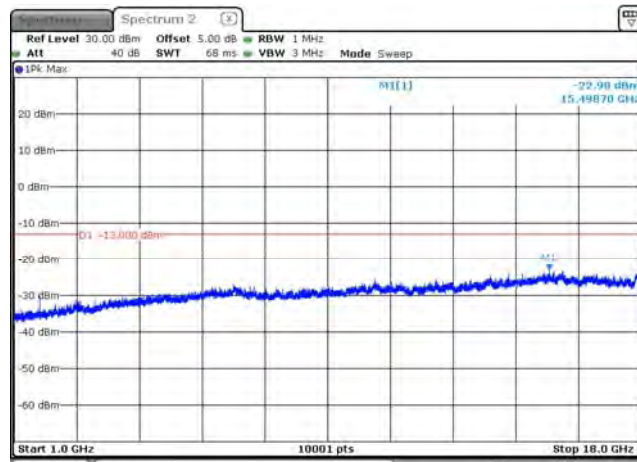
Date: 28 MAY 2021 16:29:25

LTE_B5_CH20525_5M_1RB0_QPSK_Below 1G



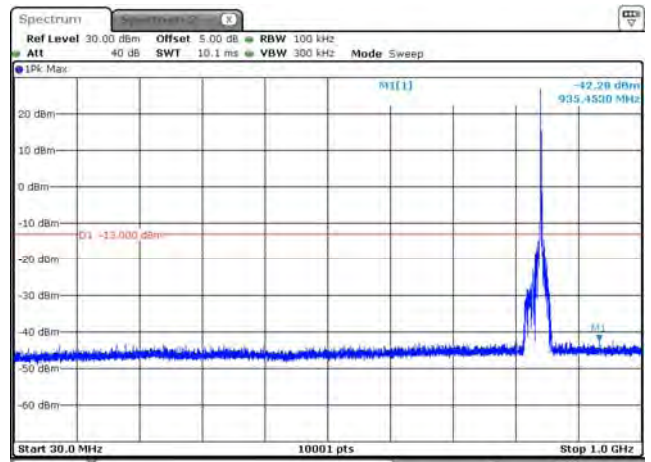
Date: 28 MAY 2021 16:30:16

LTE_B5_CH20625_5M_1RB0_QPSK_Above 1G

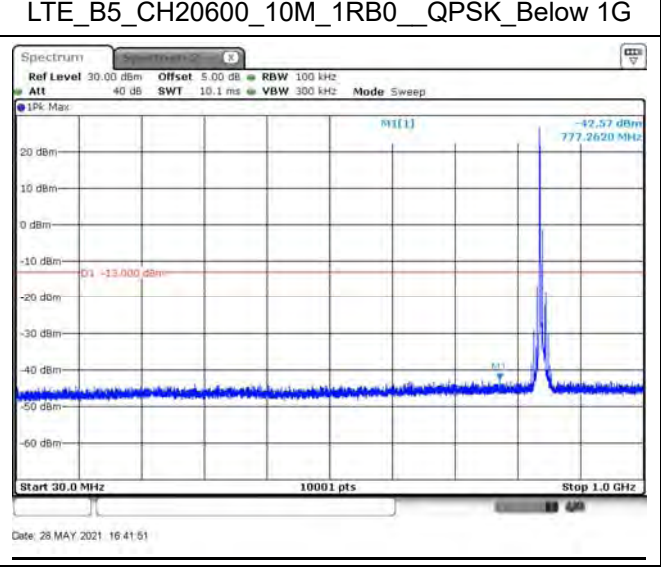
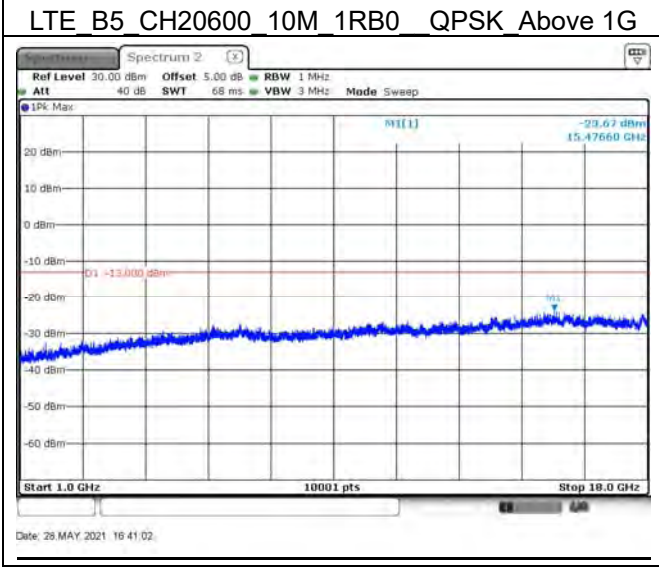
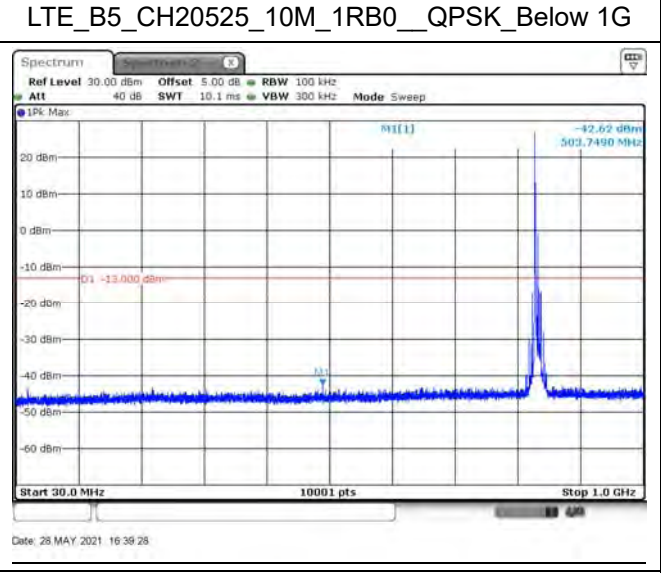
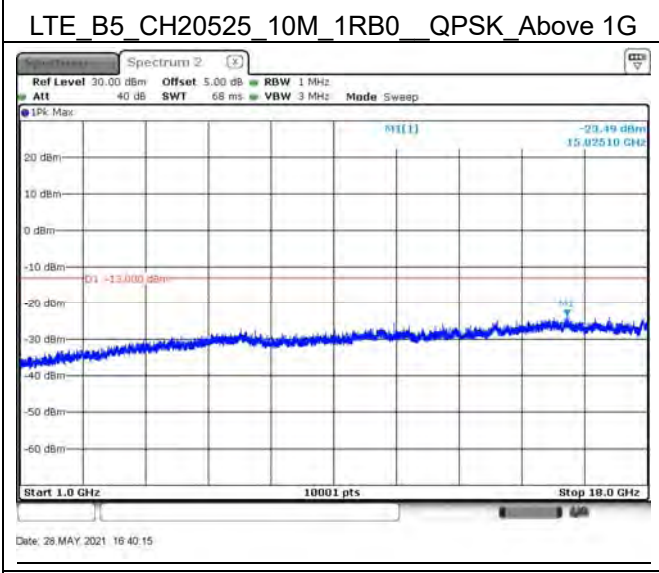
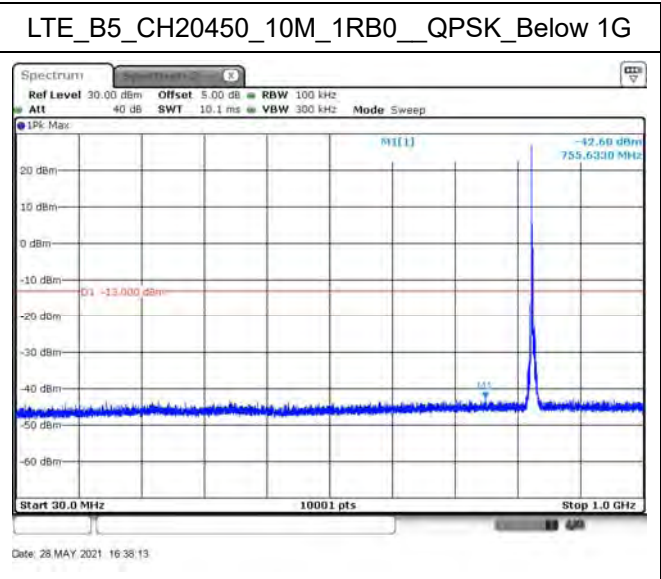
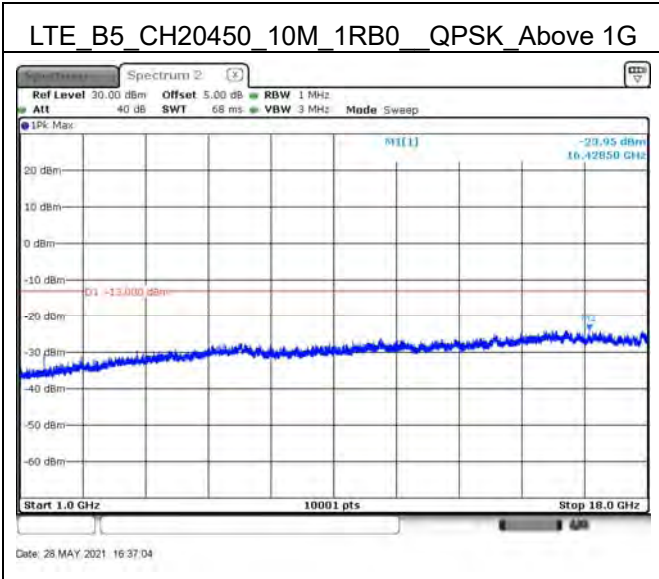


Date: 28 MAY 2021 16:35:17

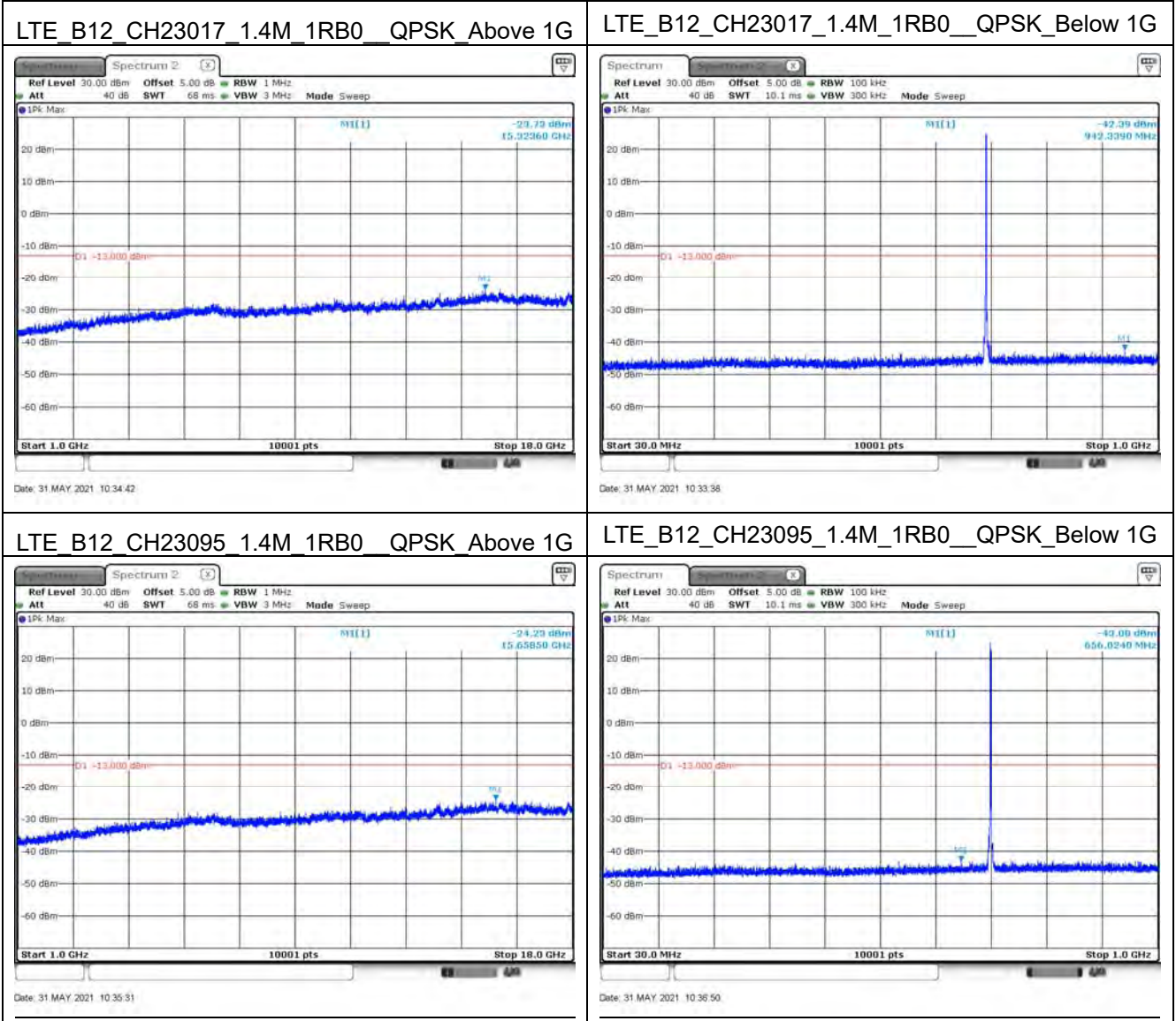
LTE_B5_CH20625_5M_1RB0_QPSK_Below 1G

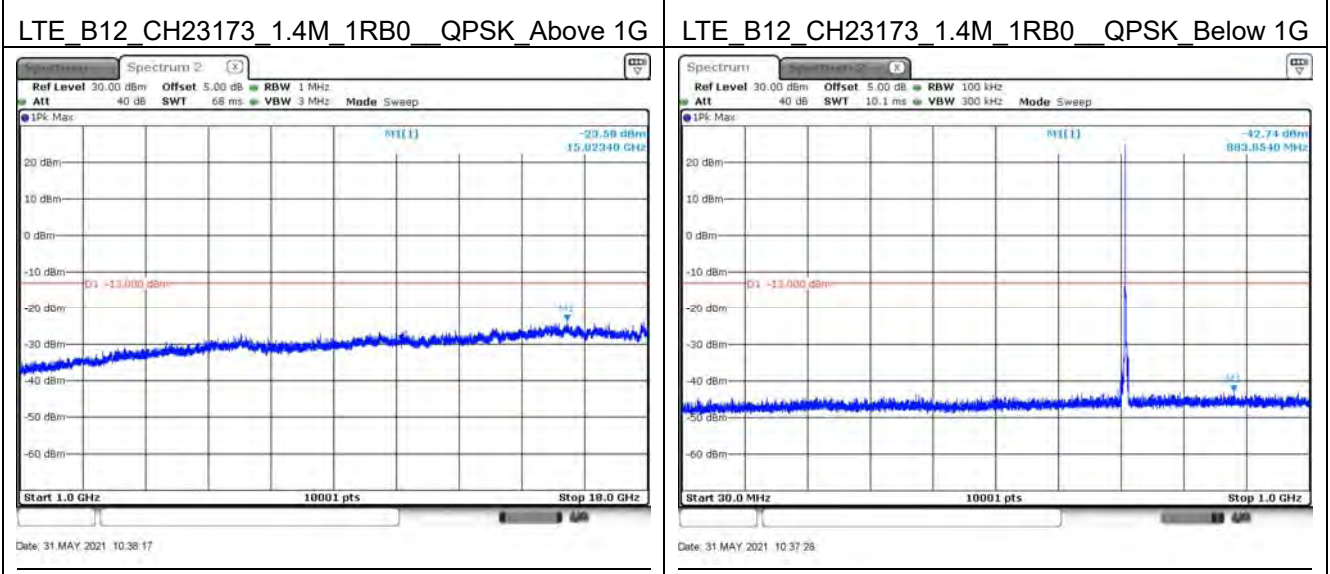


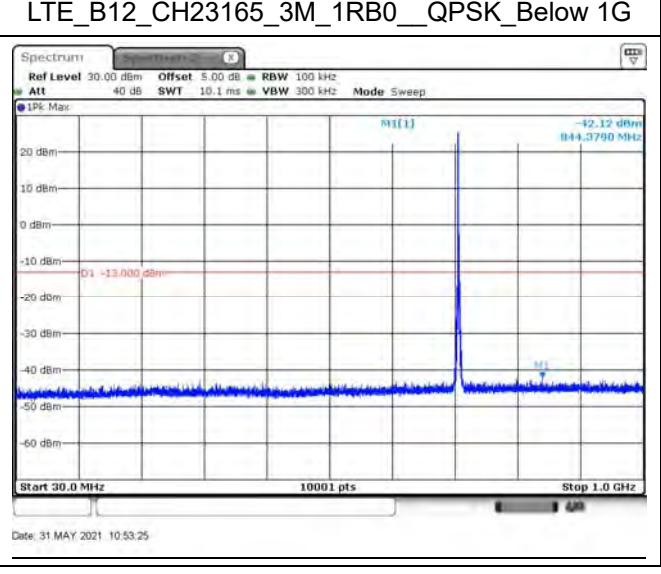
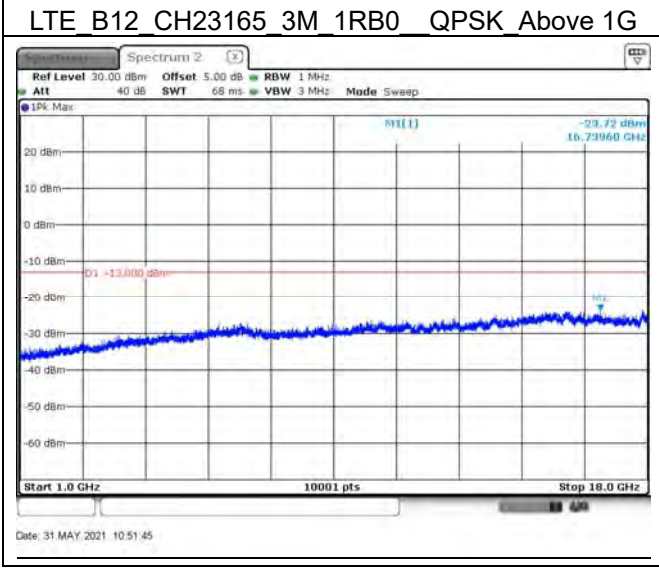
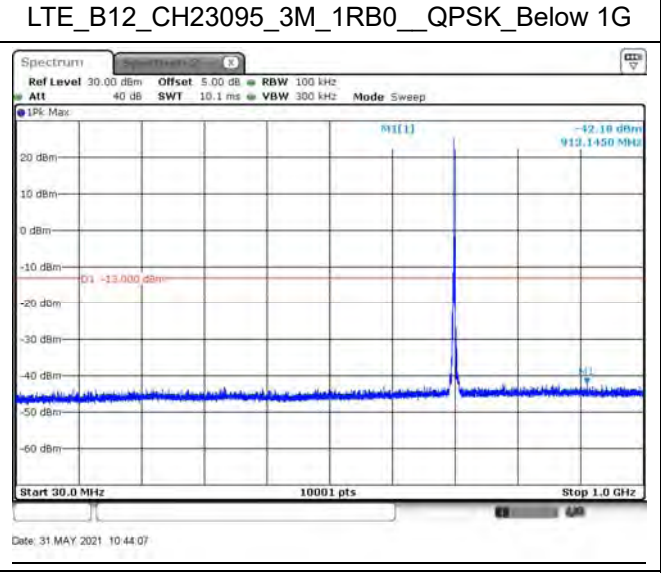
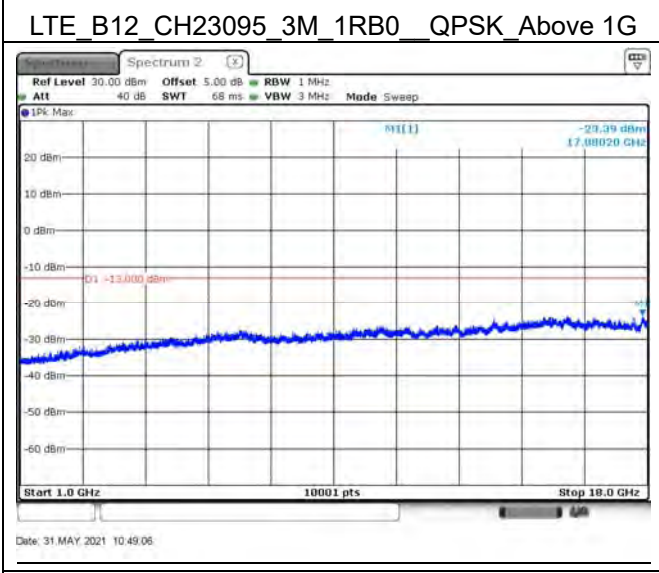
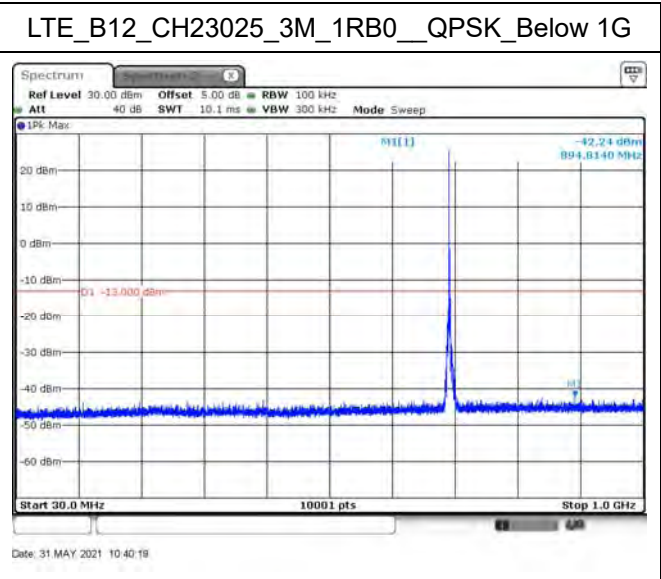
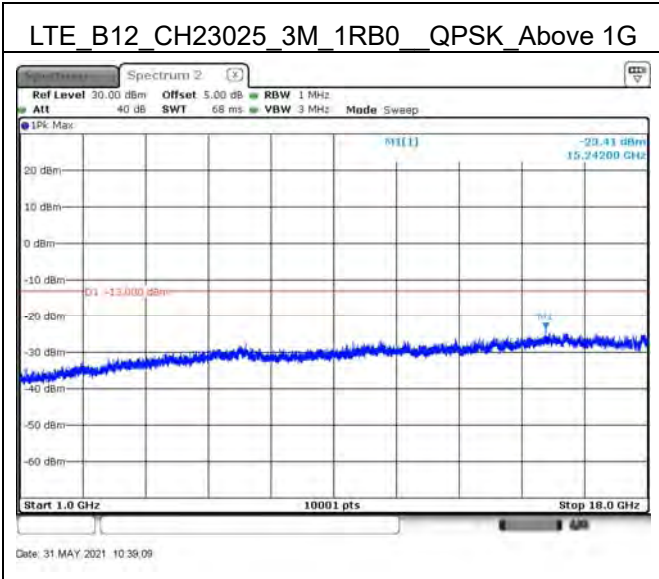
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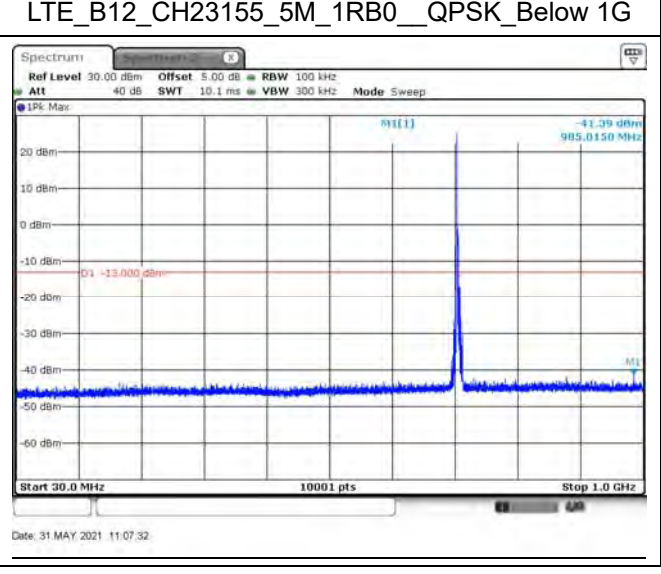
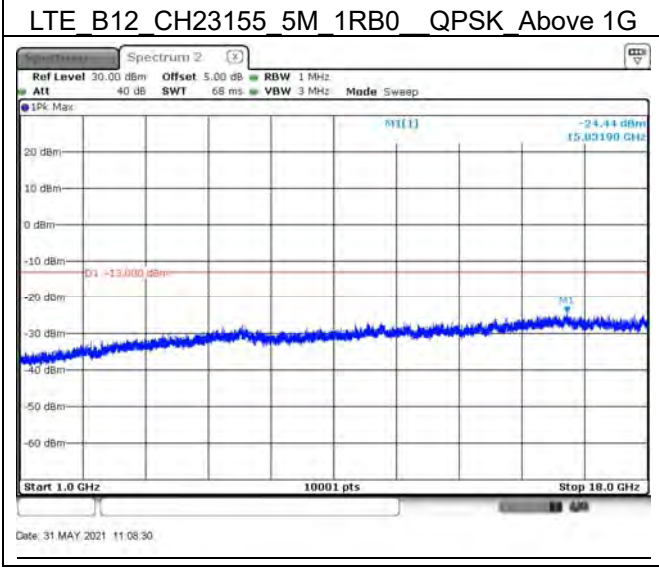
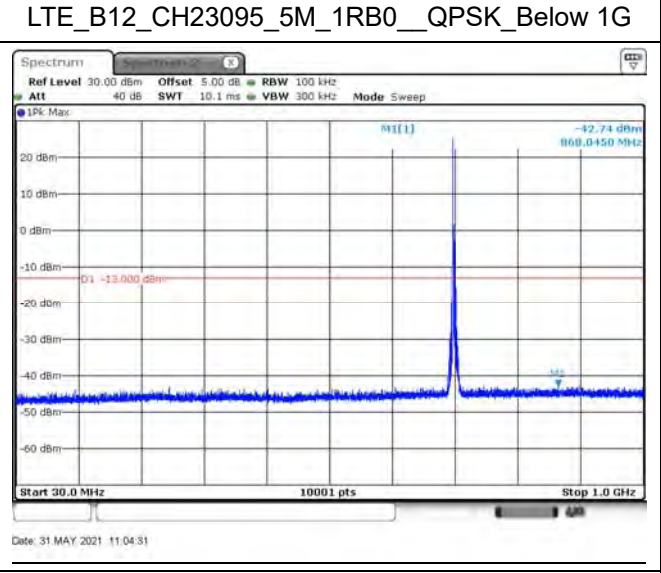
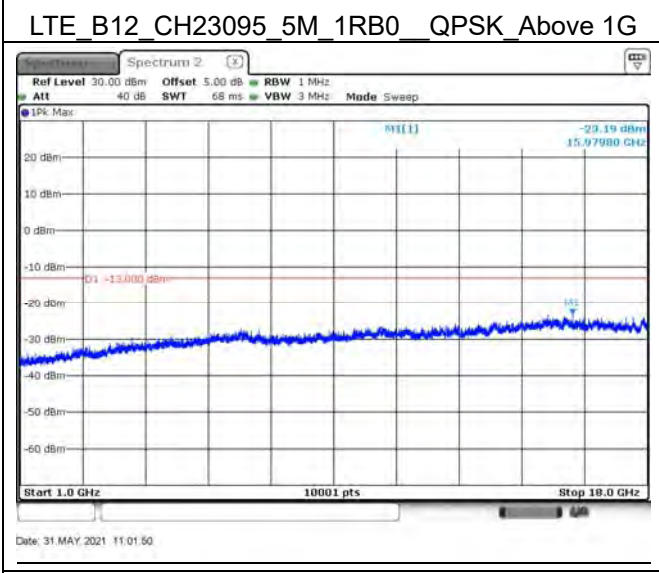
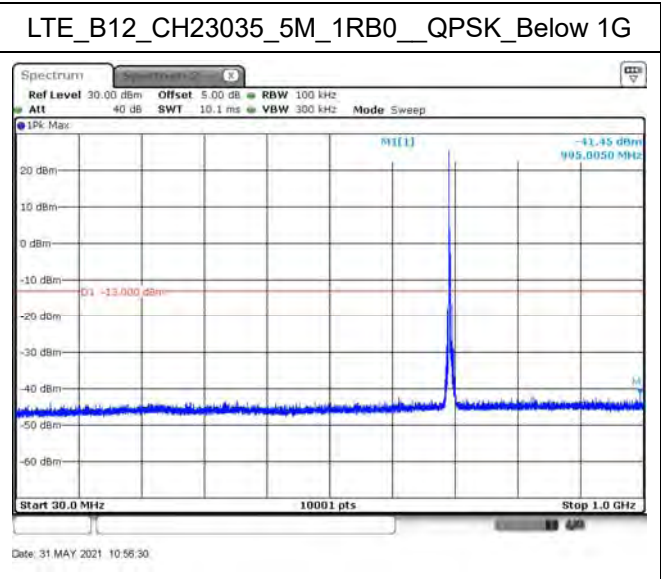
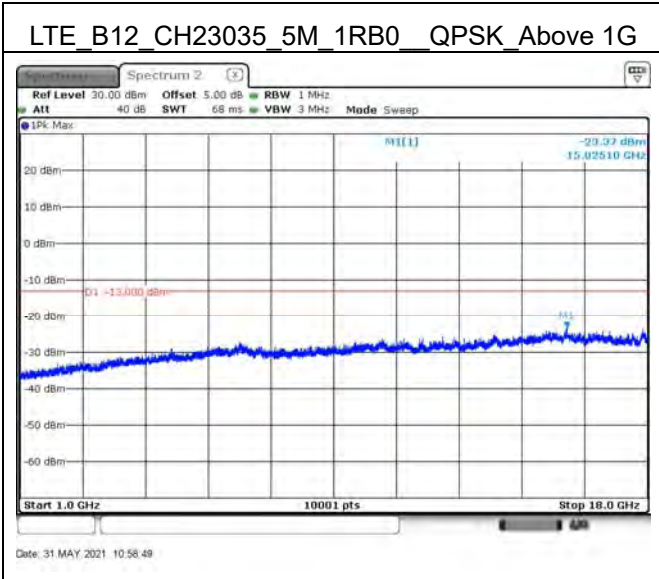


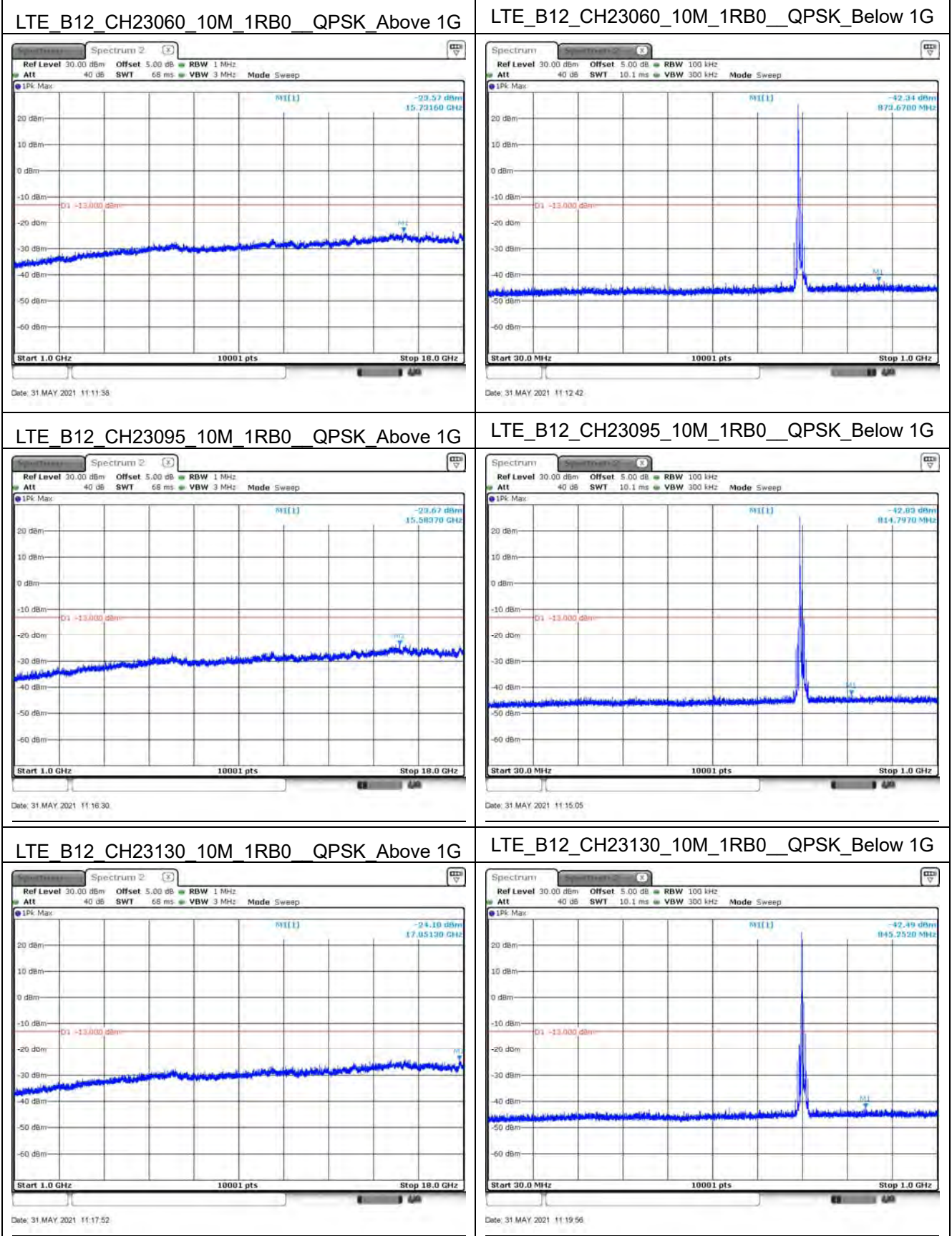
Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2021/05/31	Test Site	SR10-H
Temperature(°C)	25	Humidity (%RH)	58



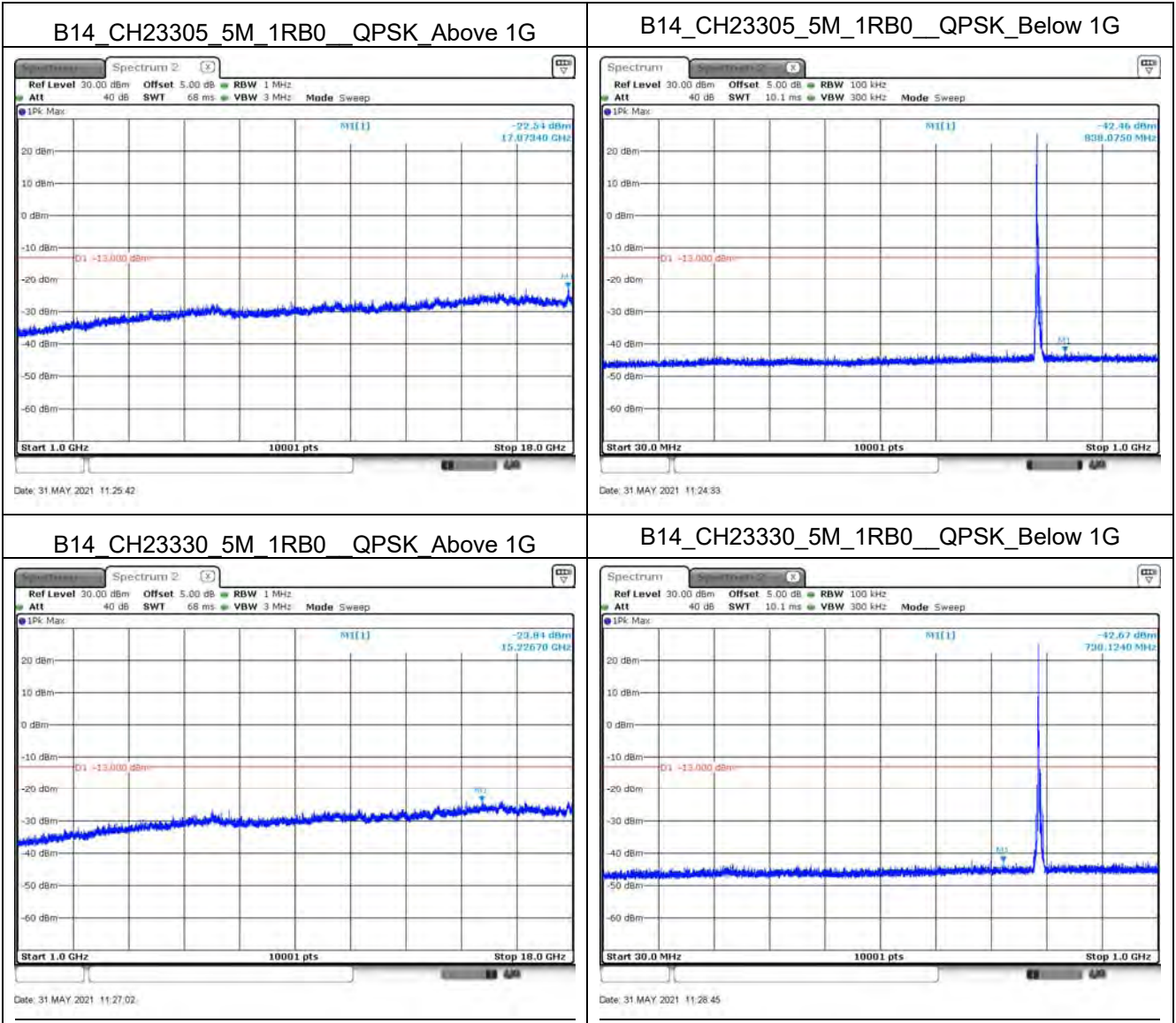




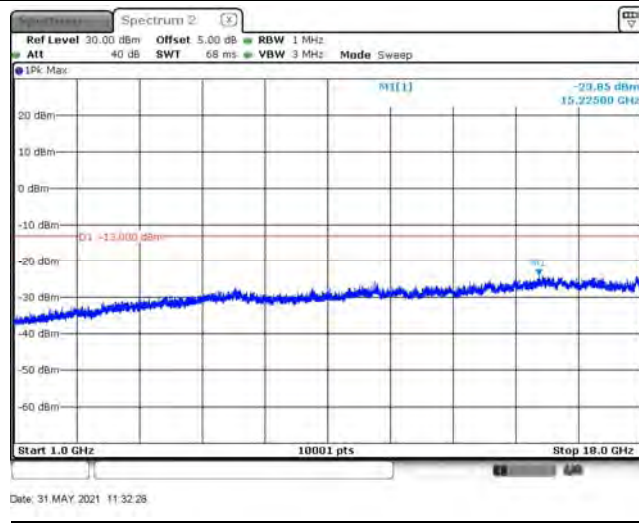




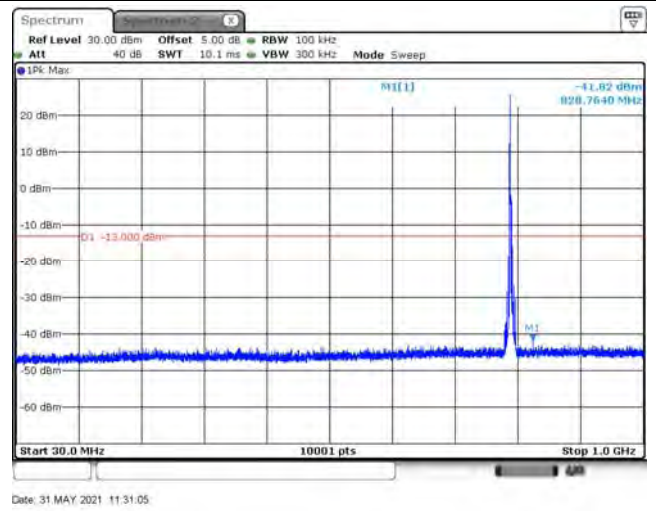
Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 5: LTE Band 14		
Date of Test	2021/05/31	Test Site	SR10-H
Temperature(°C)	25	Humidity (%RH)	58



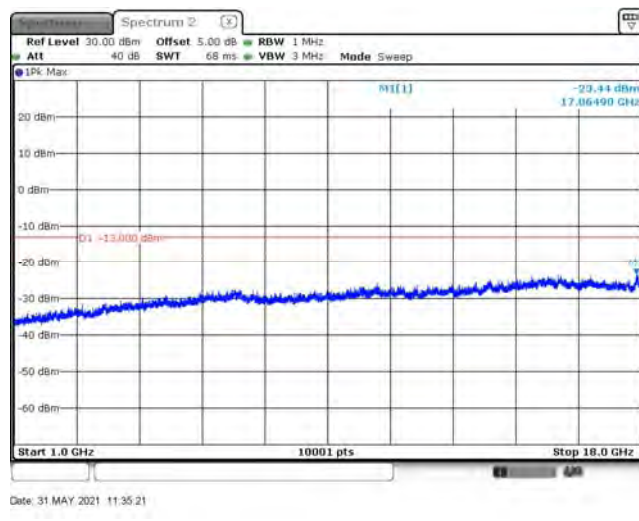
B14_CH23355_5M_1RB0_QPSK_Above 1G



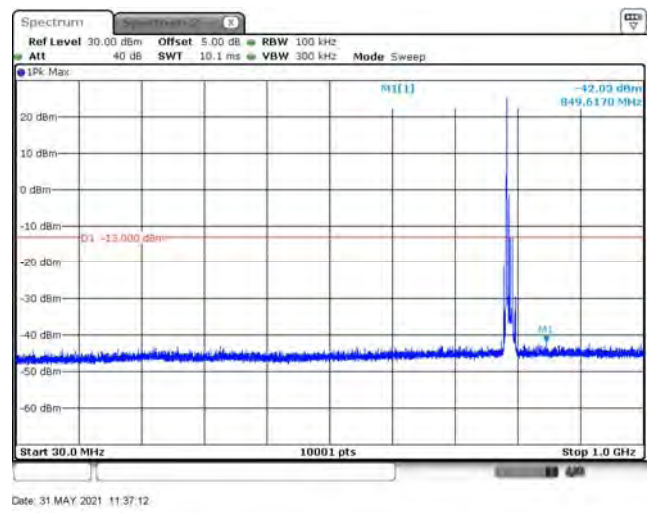
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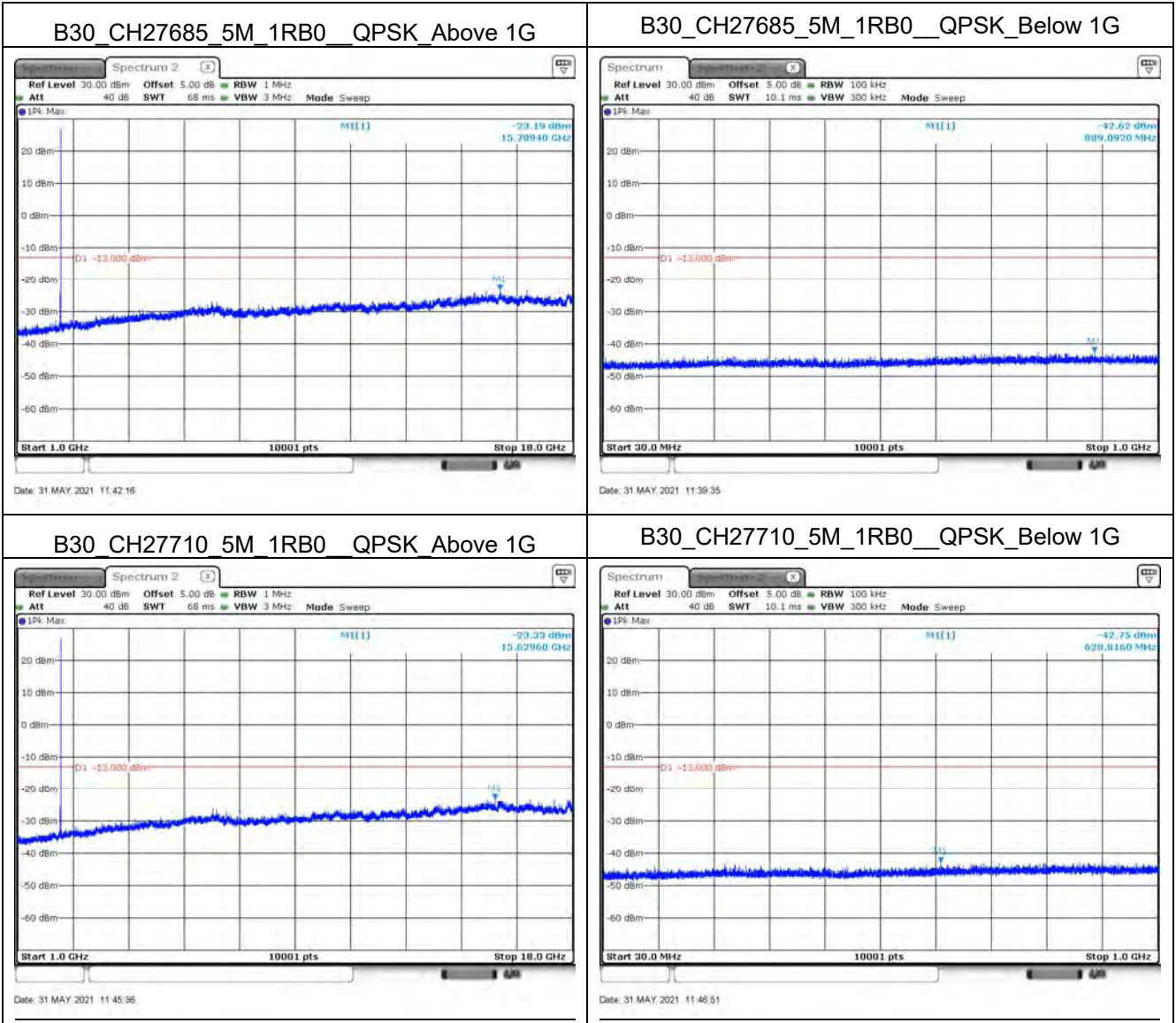
B14_CH23330_10M_1RB0_QPSK_Above 1G



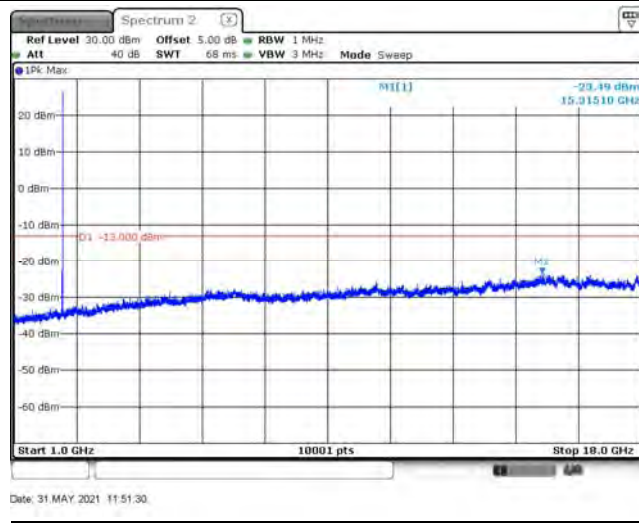
B14_CH23330_10M_1RB0_QPSK_Below 1G



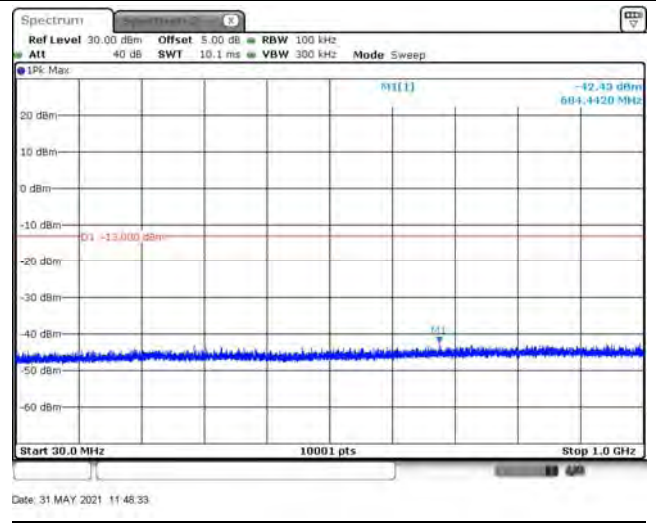
Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 6: LTE Band 30		
Date of Test	2021/05/31	Test Site	SR10-H
Temperature(°C)	25	Humidity (%RH)	58



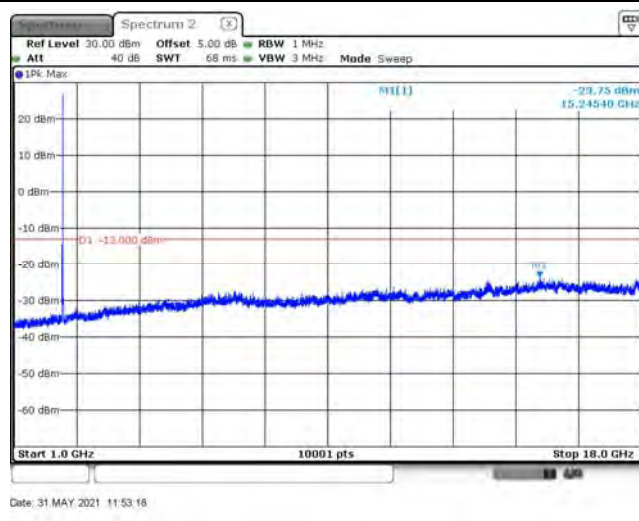
B30_CH27735_5M_1RB0_QPSK_Above 1G



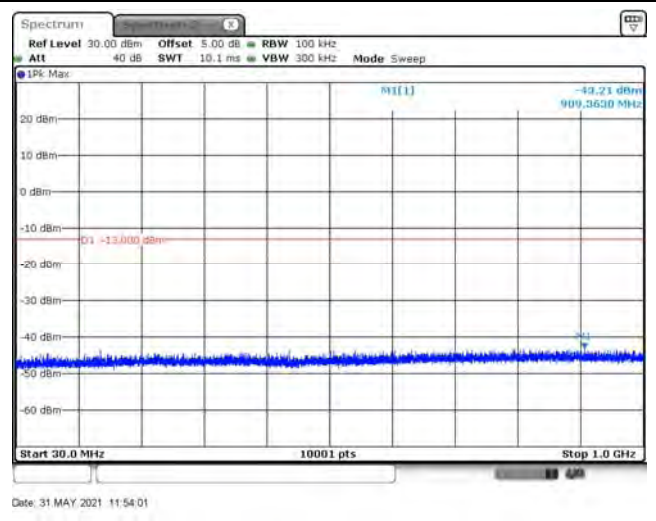
B30_CH27735_5M_1RB0_QPSK_Below 1G



B30_CH27710_10M_1RB0_QPSK_Above 1G



B30_CH27710_10M_1RB0_QPSK_Below 1G



Radiated Spurious Emission

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2021/05/25	Test Site	CB2-H
Temperature(°C)	25.5	Humidity (%RH)	58

BW20M_Ch 18700_QPSK_LTE Band2

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3720.000	-46.95	-13	-33.95	-55.04	12.61	4.52
	5580.000	-49.82	-13	-36.82	-57.26	13.12	5.68
	7440.000	-46.48	-13	-33.48	-51.16	11.28	6.61
V	3720.000	-48.83	-13	-35.83	-56.92	12.61	4.52
	5580.000	-43.99	-13	-30.99	-51.43	13.12	5.68
	7440.000	-41.45	-13	-28.45	-46.13	11.28	6.61

BW20M_Ch 18900_QPSK_LTE Band2

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-45.87	-13	-32.87	-53.94	12.60	4.54
	5640.000	-47.68	-13	-34.68	-55.08	13.10	5.70
	7520.000	-43.07	-13	-30.07	-47.69	11.24	6.61
V	3760.000	-51.26	-13	-38.26	-59.33	12.60	4.54
	5640.000	-43.78	-13	-30.78	-51.18	13.10	5.70
	7520.000	-40.54	-13	-27.54	-45.16	11.24	6.61

BW20M_Ch 19100_QPSK_LTE Band2

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3800.000	-42.57	-13	-29.57	-50.62	12.60	4.56
	5700.000	-45.63	-13	-32.63	-53.00	13.08	5.72
	7600.000	-45.01	-13	-32.01	-49.65	11.24	6.60
V	3800.000	-48.29	-13	-35.29	-56.34	12.60	4.56
	5700.000	-45.13	-13	-32.13	-52.50	13.08	5.72
	7600.000	-39.39	-13	-26.39	-44.03	11.24	6.60

Note: Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2021/05/25	Test Site	CB2-H
Temperature(°C)	25.5	Humidity (%RH)	58

BW20M_Ch 20050_QPSK_LTE Band4

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3440.000	-38.28	-13	-25.28	-46.39	12.48	4.37
	5160.000	-50.75	-13	-37.75	-58.15	12.81	5.41
	6880.000	-40.53	-13	-27.53	-45.92	11.79	6.40
V	3440.000	-40.32	-13	-27.32	-48.43	12.48	4.37
	5160.000	-51.04	-13	-38.04	-58.44	12.81	5.41
	6880.000	-38.18	-13	-25.18	-43.57	11.79	6.40
	8600.000	-37.87	-13	-24.87	-42.81	11.87	6.93

BW20M_Ch 20175_QPSK_LTE Band4

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3465.000	-39.78	-13	-26.78	-47.93	12.53	4.38
	5197.500	-51.37	-13	-38.37	-58.78	12.84	5.43
	6930.000	-37.13	-13	-24.13	-42.40	11.73	6.46
V	3465.000	-44.56	-13	-31.56	-52.71	12.53	4.38
	5197.500	-50.44	-13	-37.44	-57.85	12.84	5.43
	6930.000	-40.63	-13	-27.63	-45.90	11.73	6.46
	8662.500	-38.34	-13	-25.34	-43.26	11.87	6.95

BW20M_Ch 20300_QPSK_LTE Band4

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3490.000	-43.12	-13	-30.12	-51.31	12.59	4.40
	5235.000	-51.38	-13	-38.38	-58.80	12.88	5.46
	6980.000	-41.29	-13	-28.29	-46.45	11.67	6.51
V	3490.000	-47.88	-13	-34.88	-56.07	12.59	4.40
	5235.000	-50.54	-13	-37.54	-57.96	12.88	5.46
	6980.000	-42.74	-13	-29.74	-47.90	11.67	6.51

Note: Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2021/05/26	Test Site	CB2-H
Temperature(°C)	25.5	Humidity (%RH)	58

BW10M_Ch 20450_QPSK_LTE Band5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1658.000	-36.46	-13	-23.46	-42.78	9.32	3.00
	2487.000	-43.00	-13	-30.00	-49.90	10.59	3.69
	3316.000	-52.98	-13	-39.98	-60.91	12.21	4.28
V	1658.000	-38.24	-13	-25.24	-44.56	9.32	3.00
	2487.000	-51.94	-13	-38.94	-58.84	10.59	3.69
	3316.000	-54.04	-13	-41.04	-61.97	12.21	4.28

BW10M_Ch 20525_QPSK_LTE Band5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1673.000	-33.74	-13	-20.74	-40.09	9.36	3.01
	2509.500	-44.88	-13	-31.88	-51.79	10.62	3.71
	3346.000	-54.39	-13	-41.39	-62.37	12.27	4.30
V	1673.000	-32.80	-13	-19.80	-39.15	9.36	3.01
	2509.500	-48.60	-13	-35.60	-55.51	10.62	3.71
	3346.000	-54.60	-13	-41.60	-62.58	12.27	4.30

BW10M_Ch 20600_QPSK_LTE Band5

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1688.000	-36.38	-13	-23.38	-42.76	9.41	3.02
	2532.000	-46.95	-13	-33.95	-53.88	10.66	3.73
	3376.000	-54.14	-13	-41.14	-62.16	12.34	4.32
V	1688.000	-36.13	-13	-23.13	-42.51	9.41	3.02
	2532.000	-50.38	-13	-37.38	-57.31	10.66	3.73
	3376.000	-54.35	-13	-41.35	-62.37	12.34	4.32

Note: Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2021/05/26	Test Site	CB2-H
Temperature(°C)	25.5	Humidity (%RH)	58

BW10M_Ch 23060_QPSK_LTE Band12

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1408.000	-51.18	-13	-38.18	-56.74	8.31	2.75
	2112.000	-57.37	-13	-44.37	-64.37	10.41	3.41
	2816.000	-54.87	-13	-41.87	-62.13	11.18	3.92
V	1408.000	-55.83	-13	-42.83	-61.39	8.31	2.75
	2112.000	-57.41	-13	-44.41	-64.41	10.41	3.41
	2816.000	-54.54	-13	-41.54	-61.80	11.18	3.92

BW10M_Ch 23095_QPSK_LTE Band12

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1415.000	-50.03	-13	-37.03	-55.63	8.35	2.75
	2122.500	-57.14	-13	-44.14	-64.13	10.41	3.42
	2830.000	-55.20	-13	-42.20	-62.48	11.21	3.93
V	1415.000	-53.59	-13	-40.59	-59.19	8.35	2.75
	2122.500	-57.09	-13	-44.09	-64.08	10.41	3.42
	2830.000	-54.72	-13	-41.72	-62.00	11.21	3.93

BW10M_Ch 23130_QPSK_LTE Band12

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1422.000	-51.16	-13	-38.16	-56.79	8.39	2.76
	2133.000	-57.46	-13	-44.46	-64.45	10.42	3.42
	2844.000	-54.85	-13	-41.85	-62.15	11.23	3.94
V	1422.000	-56.71	-13	-43.71	-62.34	8.39	2.76
	2133.000	-57.15	-13	-44.15	-64.14	10.42	3.42
	2844.000	-54.85	-13	-41.85	-62.15	11.23	3.94

Note: Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 5: LTE Band 14		
Date of Test	2021/05/26	Test Site	CB2-H
Temperature(°C)	25.5	Humidity (%RH)	58

BW10M_Ch 23330_QPSK_LTE Band14

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	1586.000	-47.37	-40	-7.37	-53.54	9.10	2.93
	2379.000	-56.87	-13	-43.87	-63.80	10.54	3.61
	3172.000	-54.62	-13	-41.62	-62.35	11.89	4.17
V	1586.000	-51.55	-40	-11.55	-57.72	9.10	2.93
	2379.000	-56.32	-13	-43.32	-63.25	10.54	3.61
	3172.000	-54.64	-13	-41.64	-62.37	11.89	4.17

Note: Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 6: LTE Band 30		
Date of Test	2021/05/26	Test Site	CB2-H
Temperature(°C)	25.5	Humidity (%RH)	58

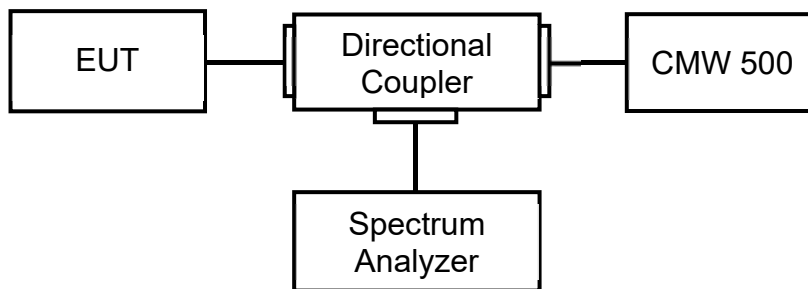
BW10M_Ch 27710_QPSK_LTE Band30

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	4620.000	-41.10	-40	-1.10	-48.69	12.66	5.07
	6930.000	-46.86	-40	-6.86	-52.13	11.73	6.46
	9240.000	-43.71	-40	-3.71	-48.34	11.83	7.20
V	4620.000	-46.11	-40	-6.11	-53.70	12.66	5.07
	6930.000	-42.14	-40	-2.14	-47.41	11.73	6.46
	9240.000	-43.77	-40	-3.77	-48.40	11.83	7.20

Note: Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

7. Spurious Emissions at Antenna Terminals

7.1. Test Setup



7.2. Test Procedure

- a) Place the EUT on a bench and set it in transmitting mode.
- b) Connect a low loss RF cable from the antenna port to a spectrum analyzer and CMW500 by a Directional Couple.
- c) EUT Communicate with CMW500, then select a channel for testing.
- d) Add a correction factor to the display of spectrum, and then test.
- e) The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10th harmonic.

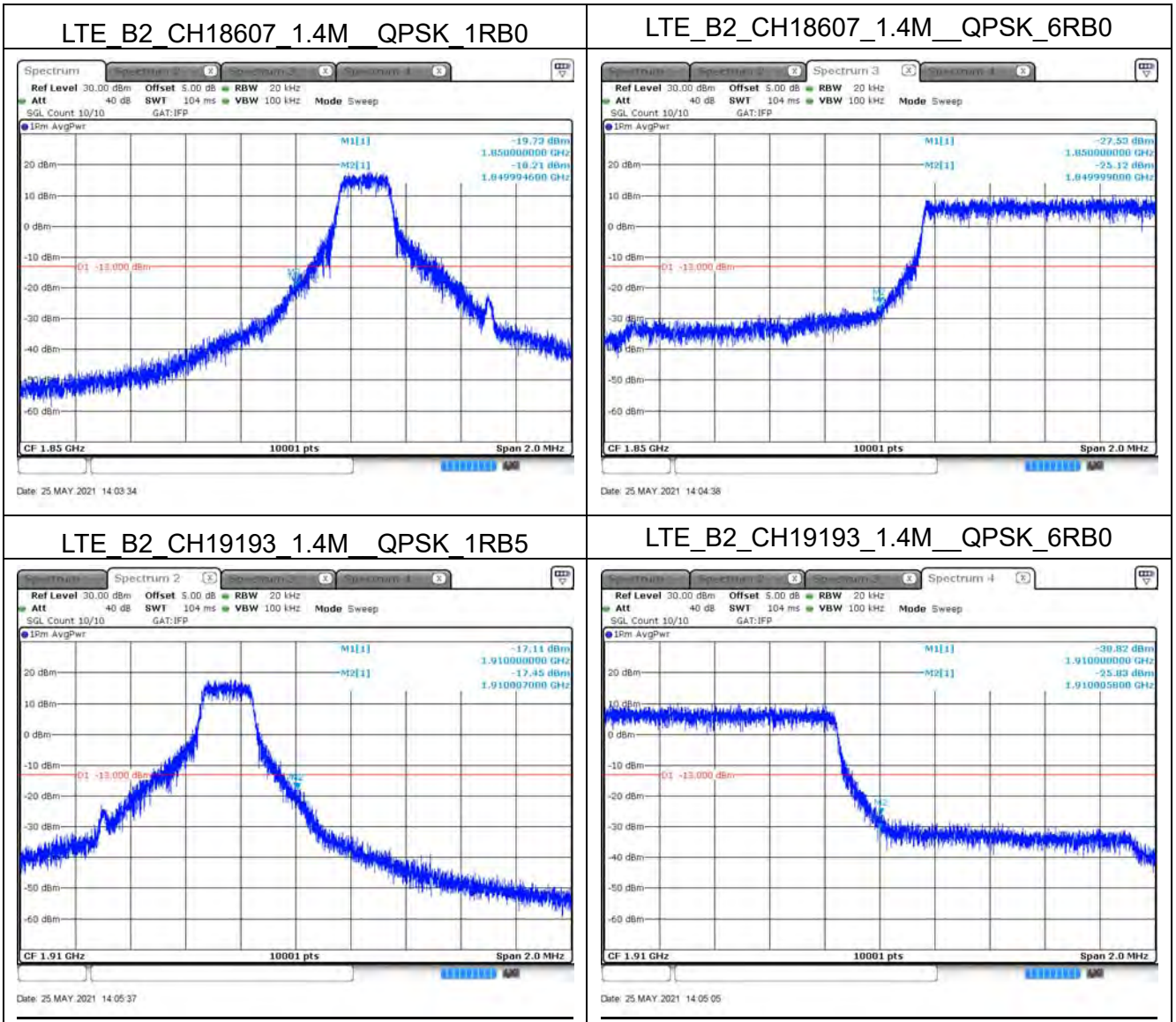
7.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 6.1

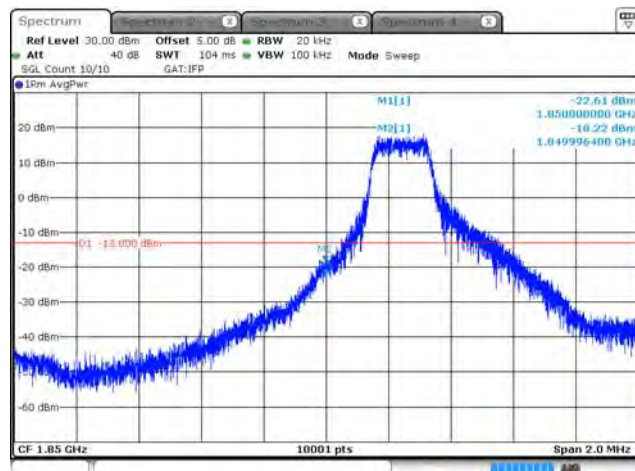
ANSI C63.26: 2015 Sub-clause 5.7

7.4. Test Result

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2021/05/25	Test Site	SR10-H
Temperature(°C)	25	Humidity (%RH)	59

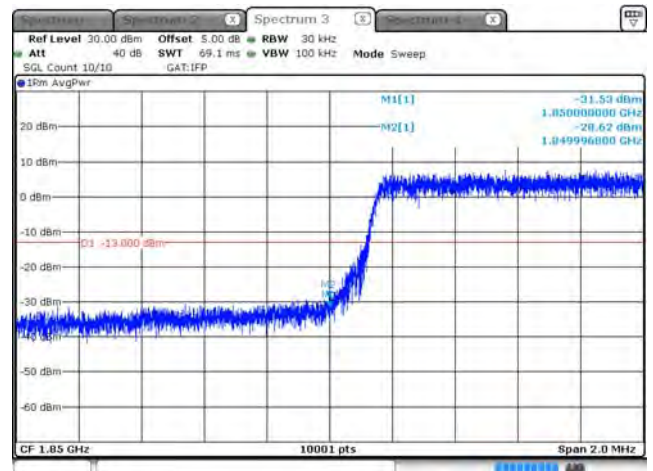


LTE_B2_CH18615_3M_QPSK_1RB0



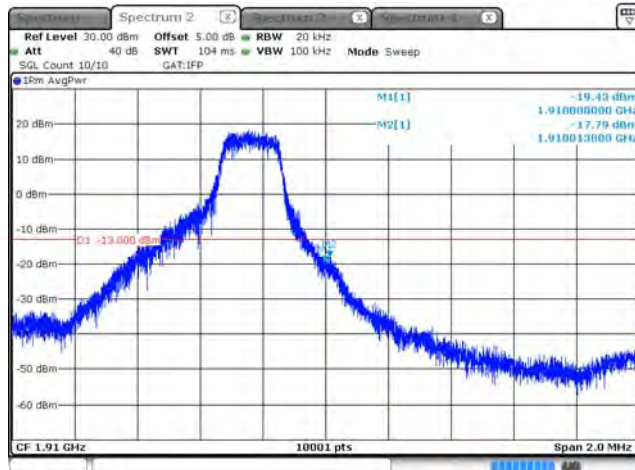
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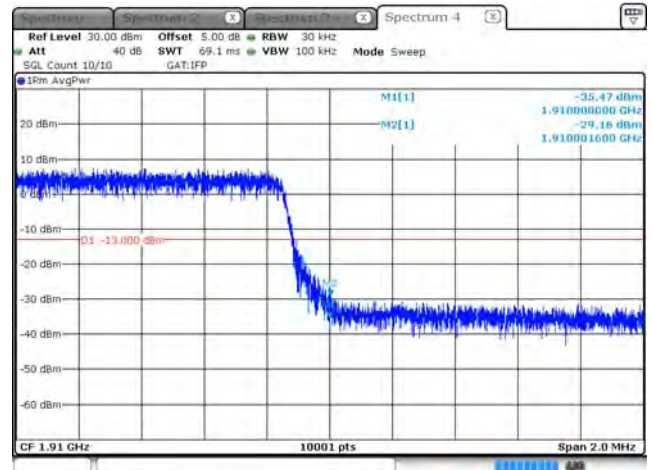
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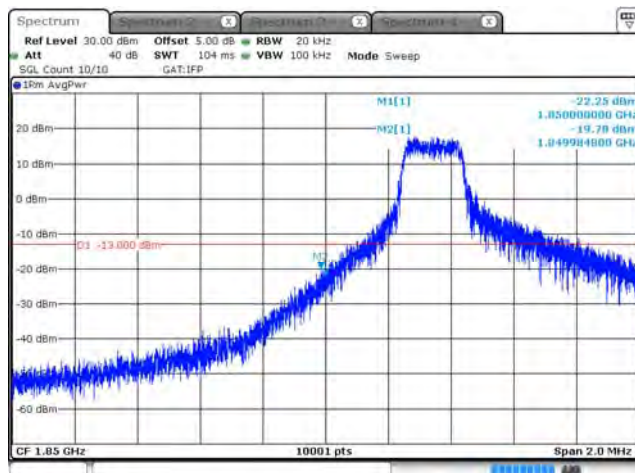
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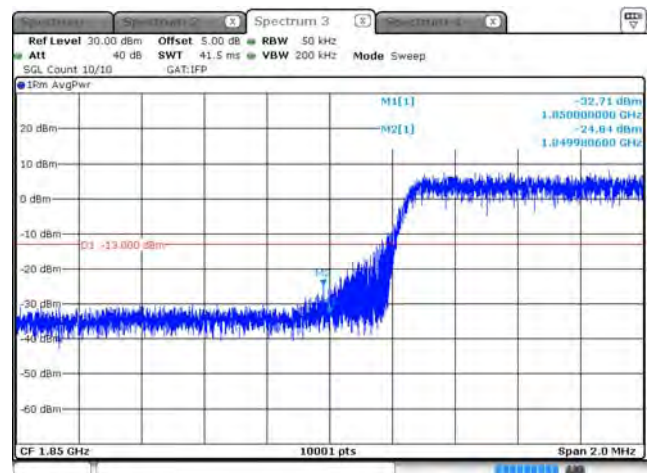
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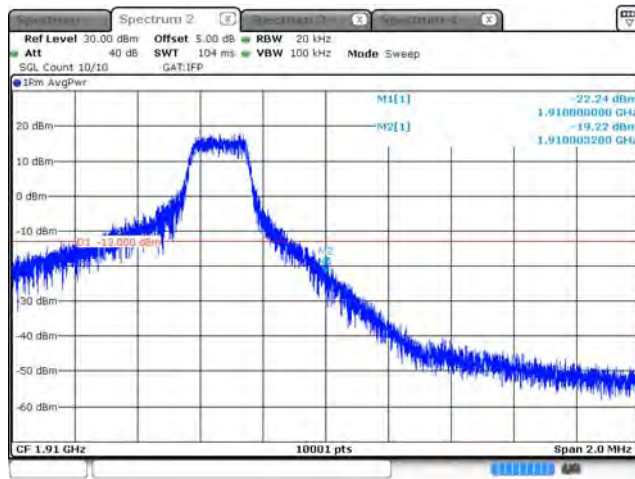
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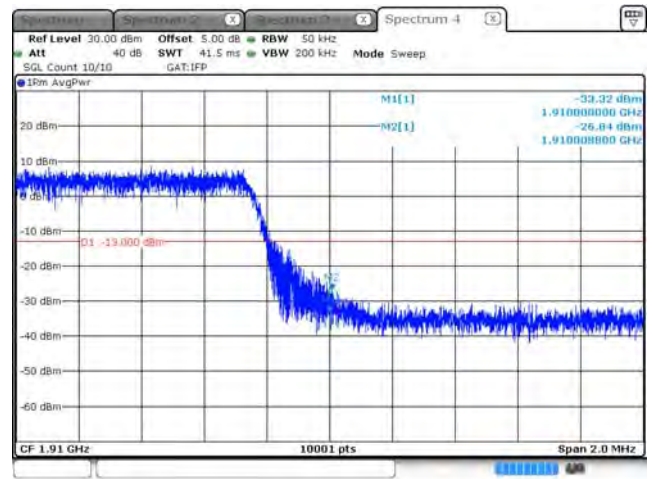
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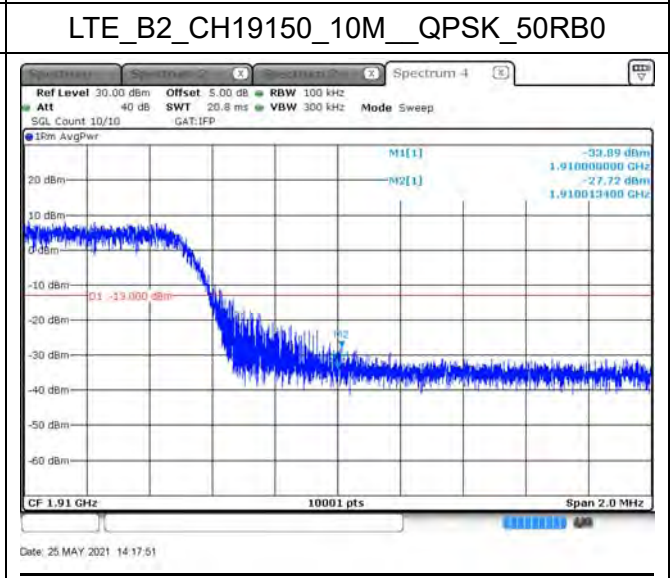
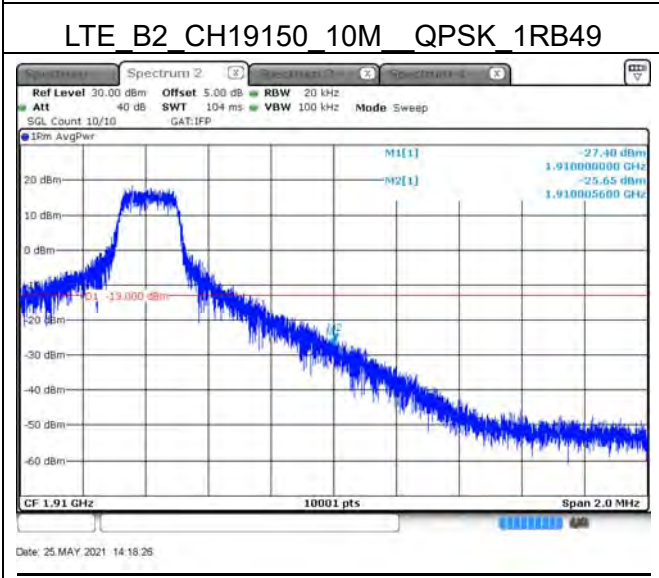
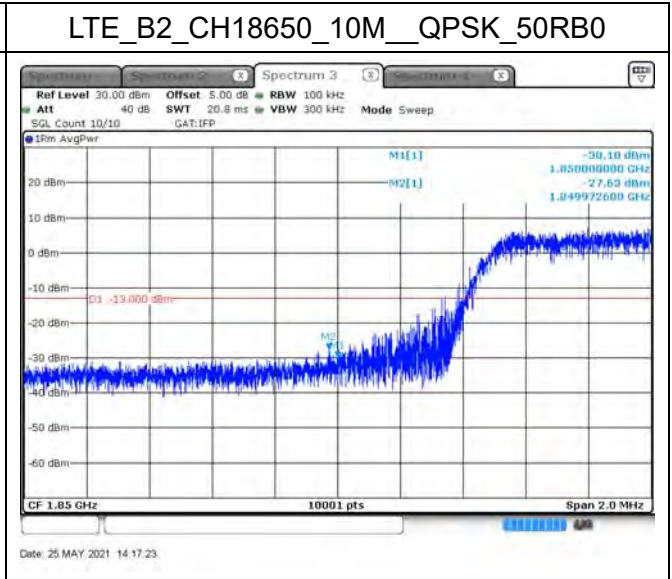
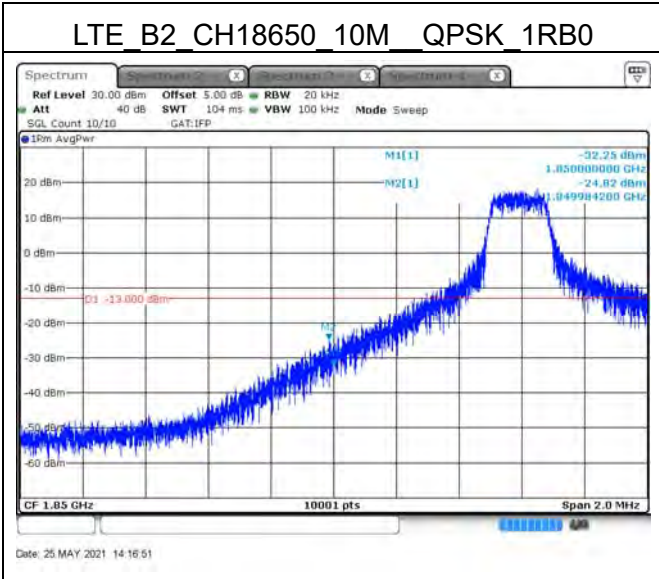


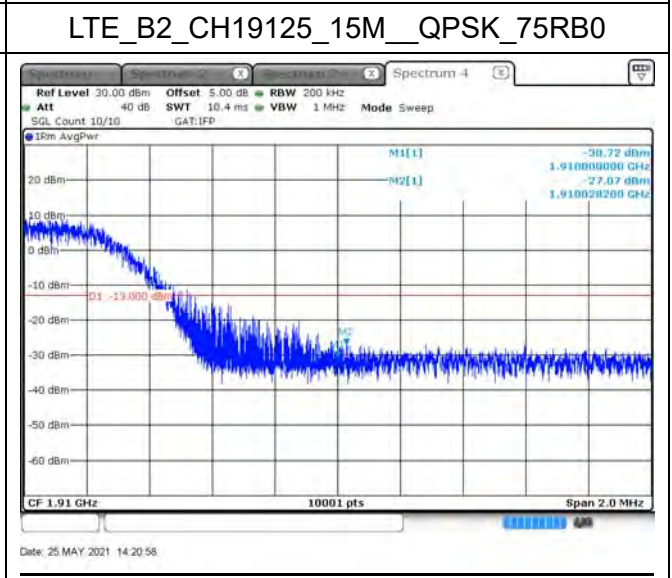
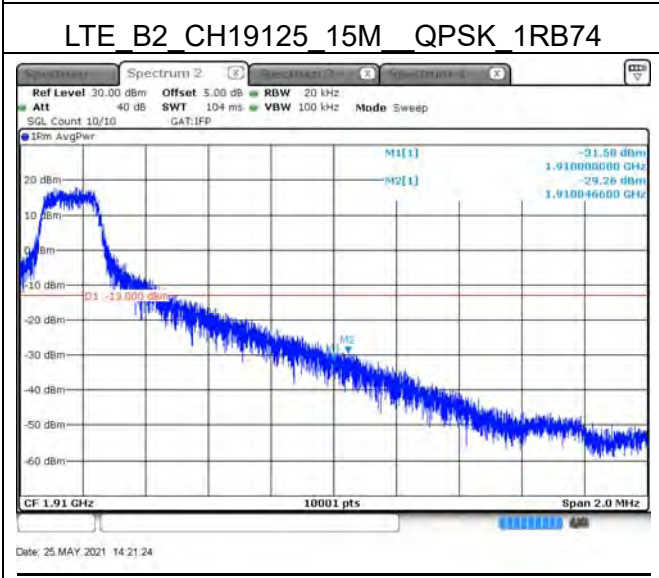
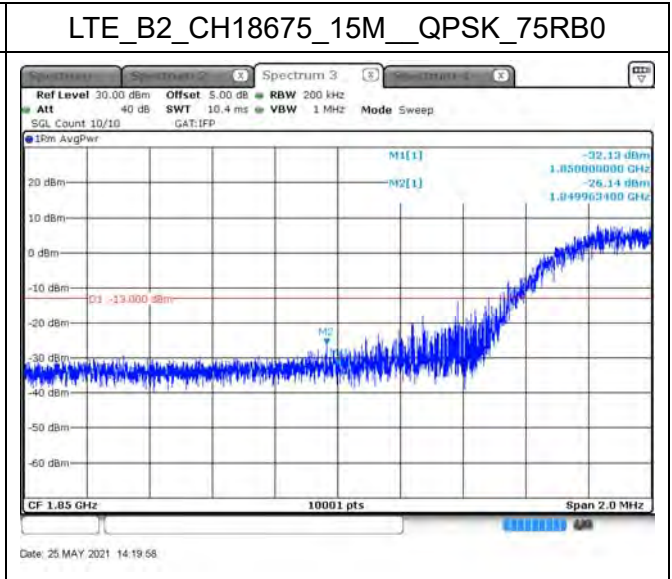
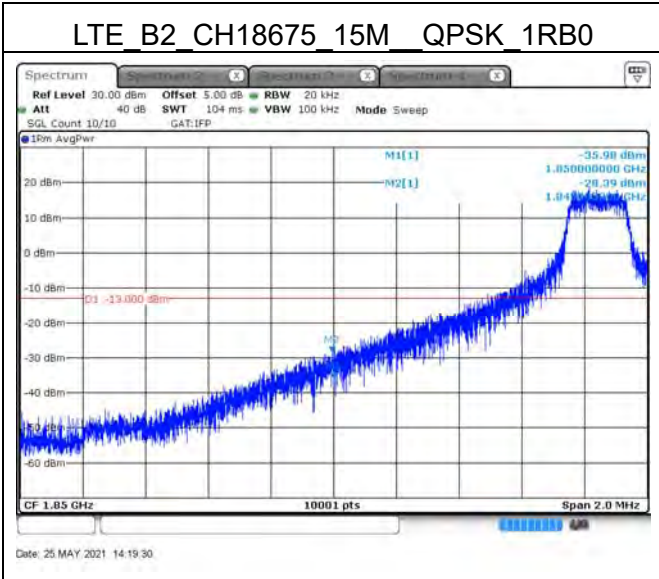
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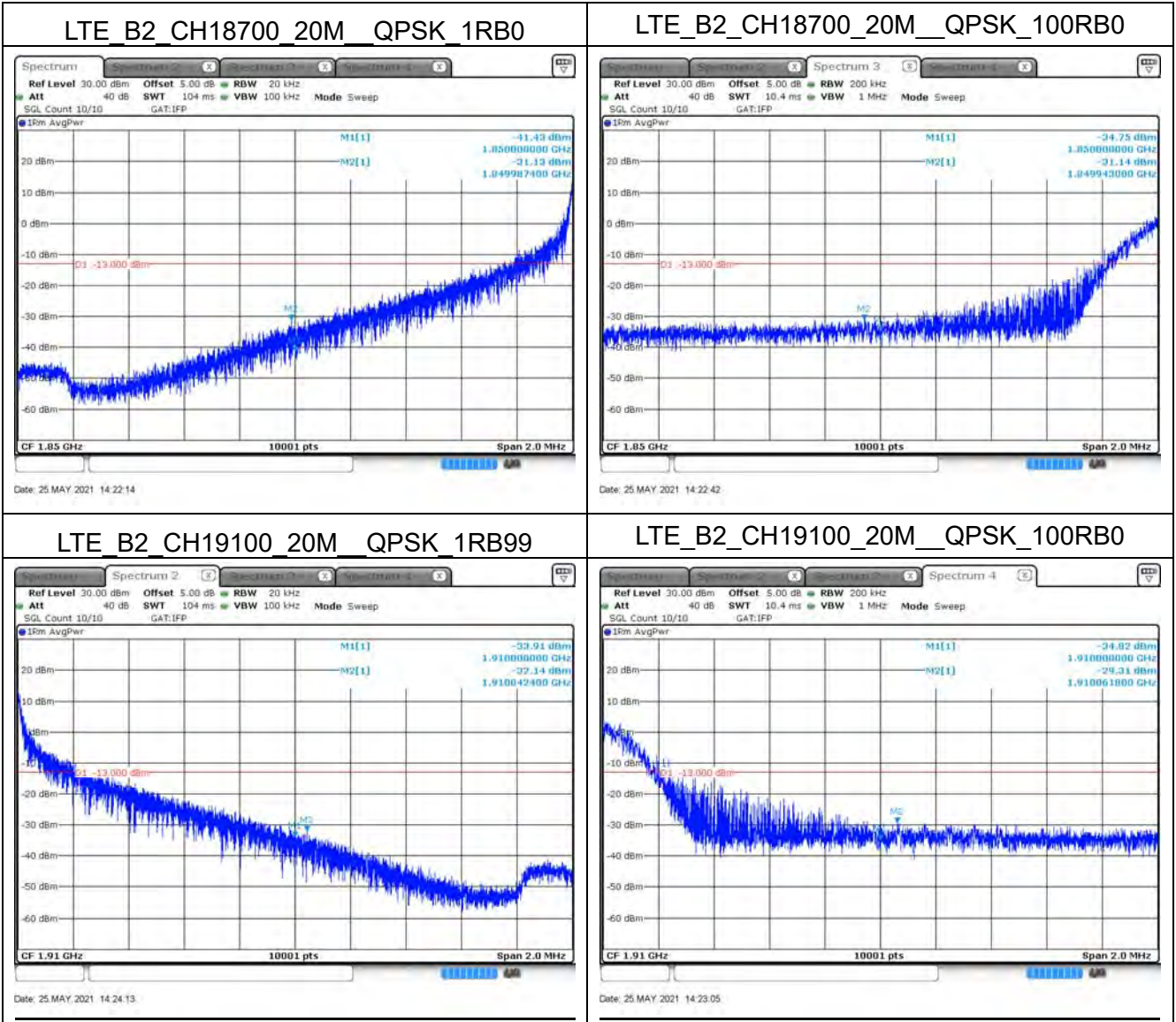
LTE_B2_CH19175_5M_QPSK_25RB0



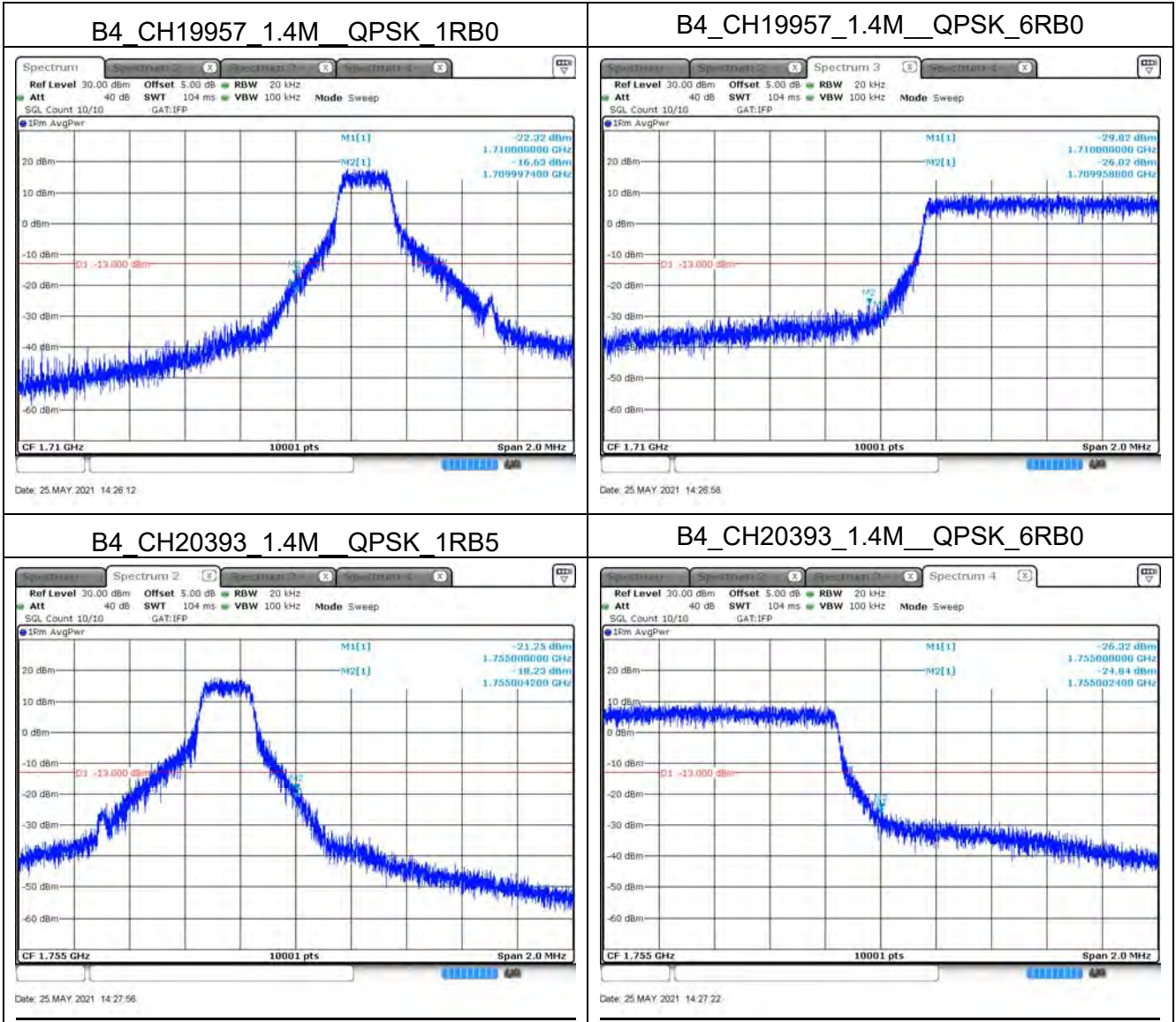
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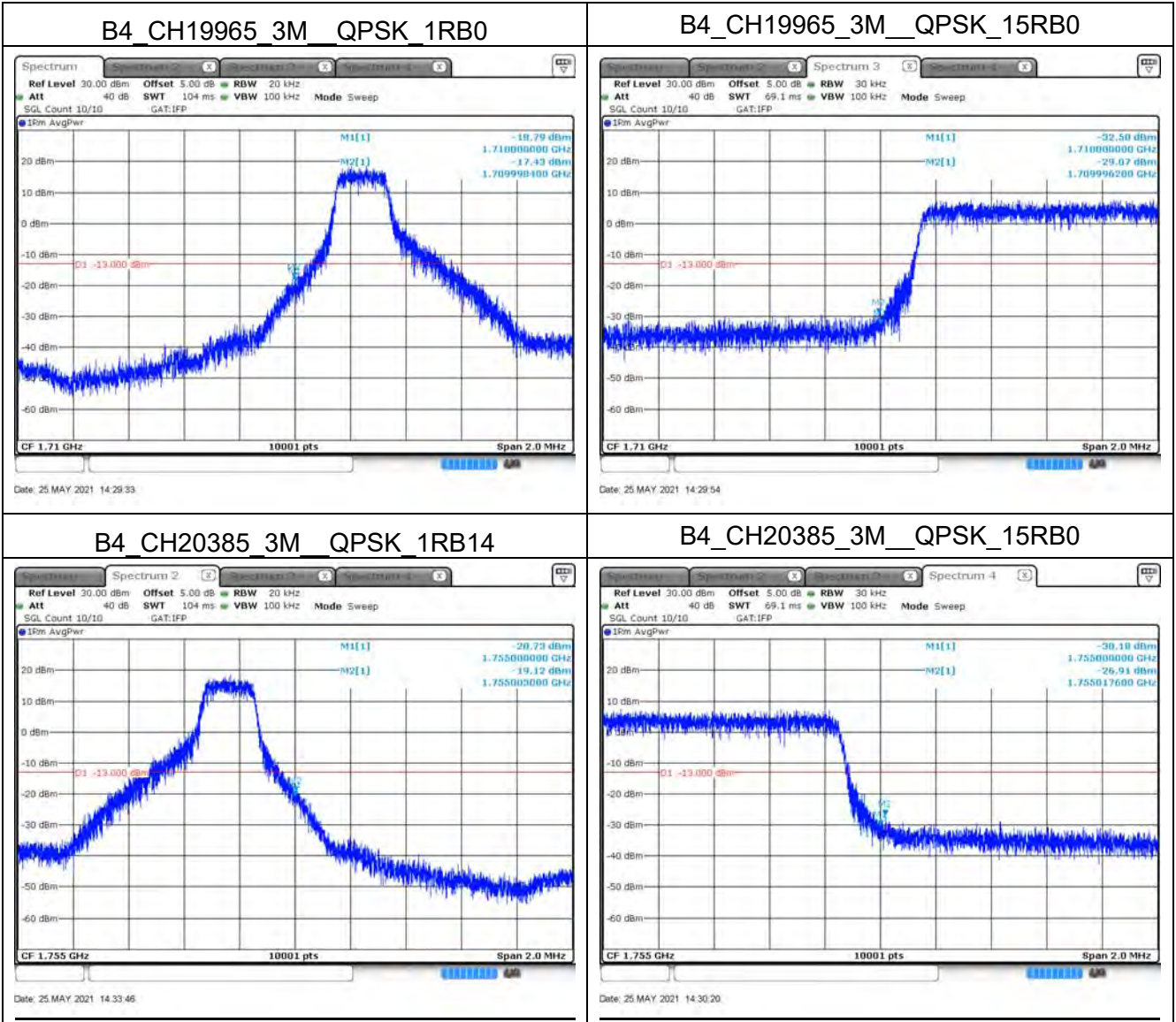


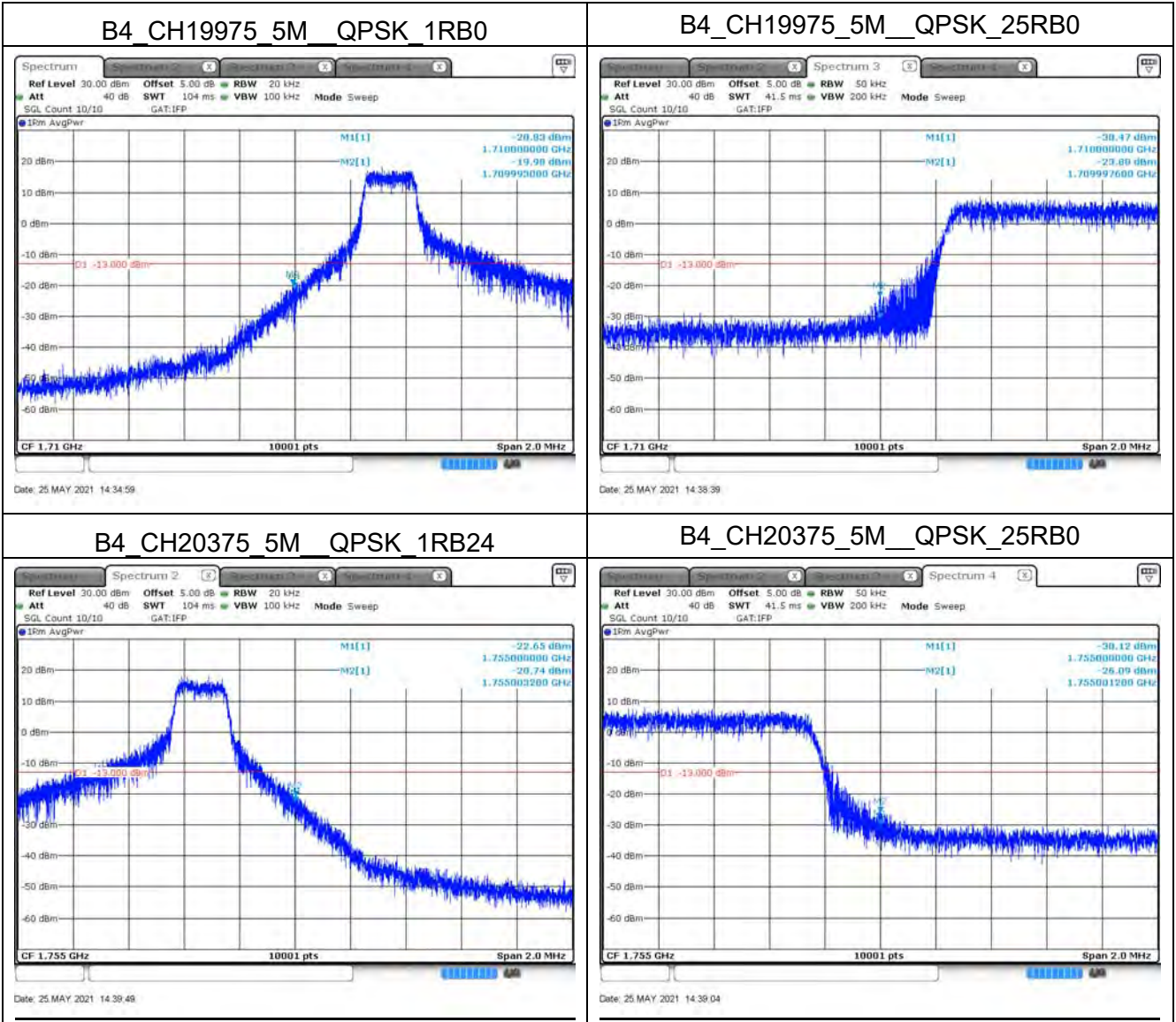


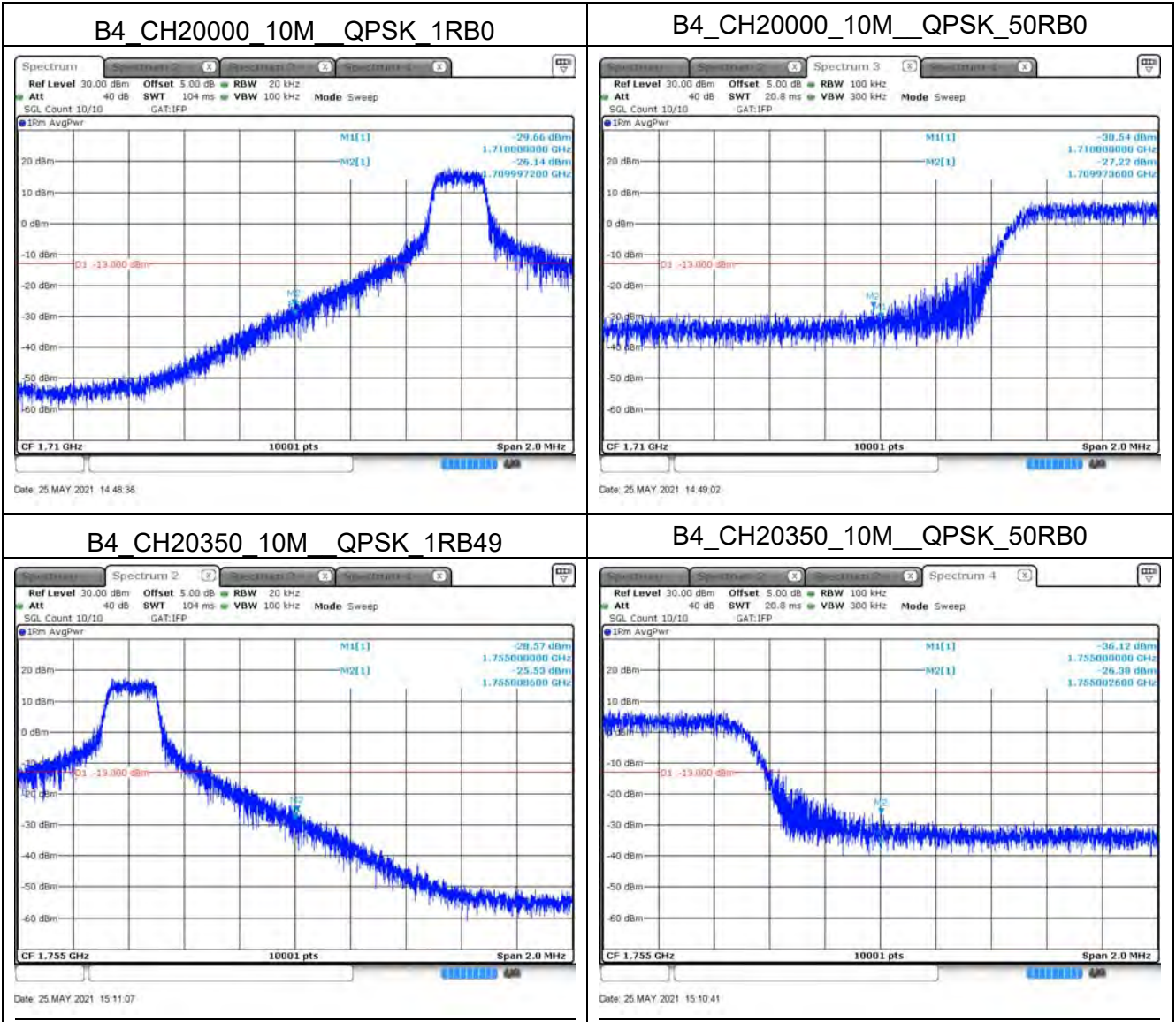


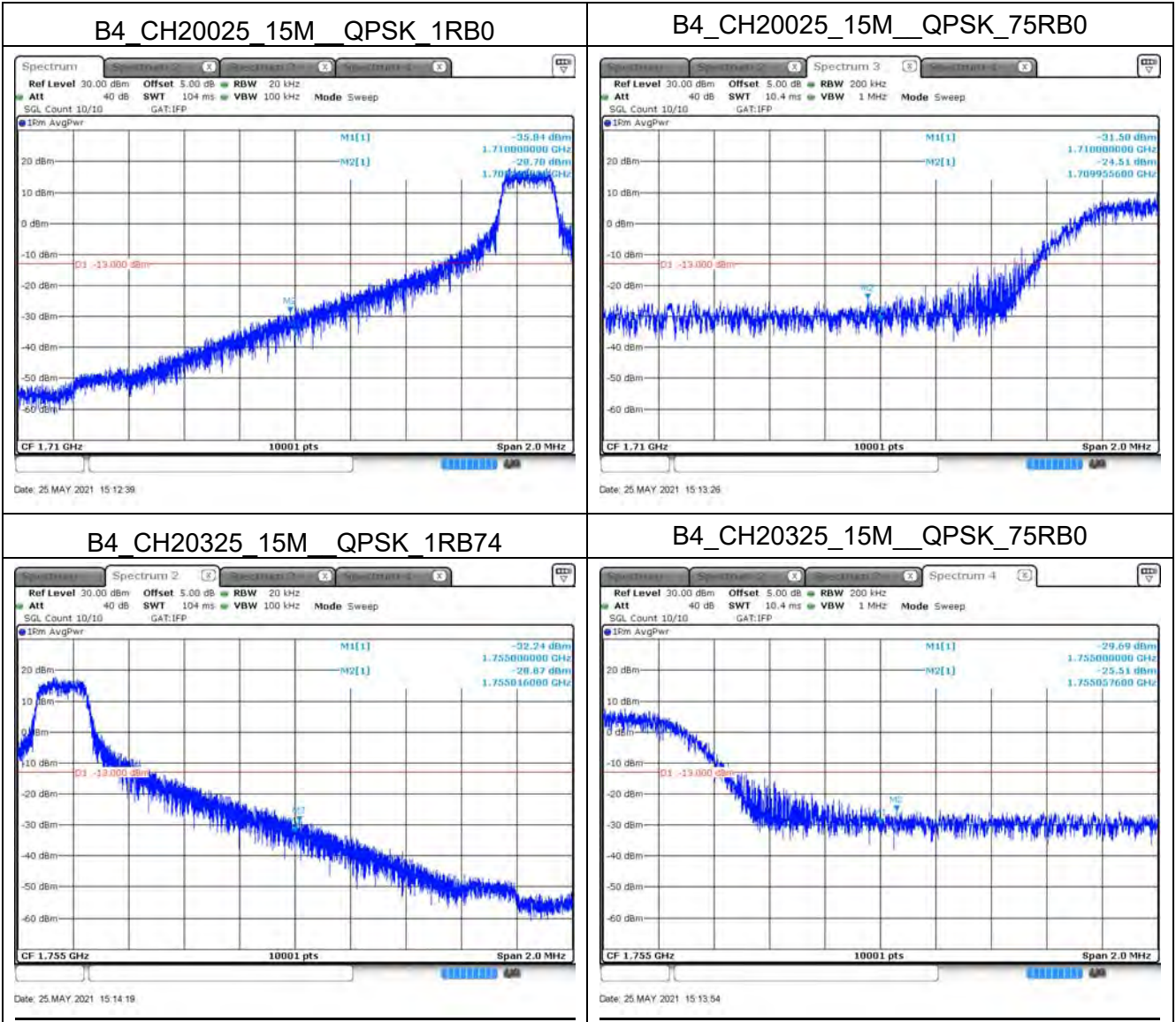
Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2021/05/25	Test Site	SR10-H
Temperature(°C)	25	Humidity (%RH)	59

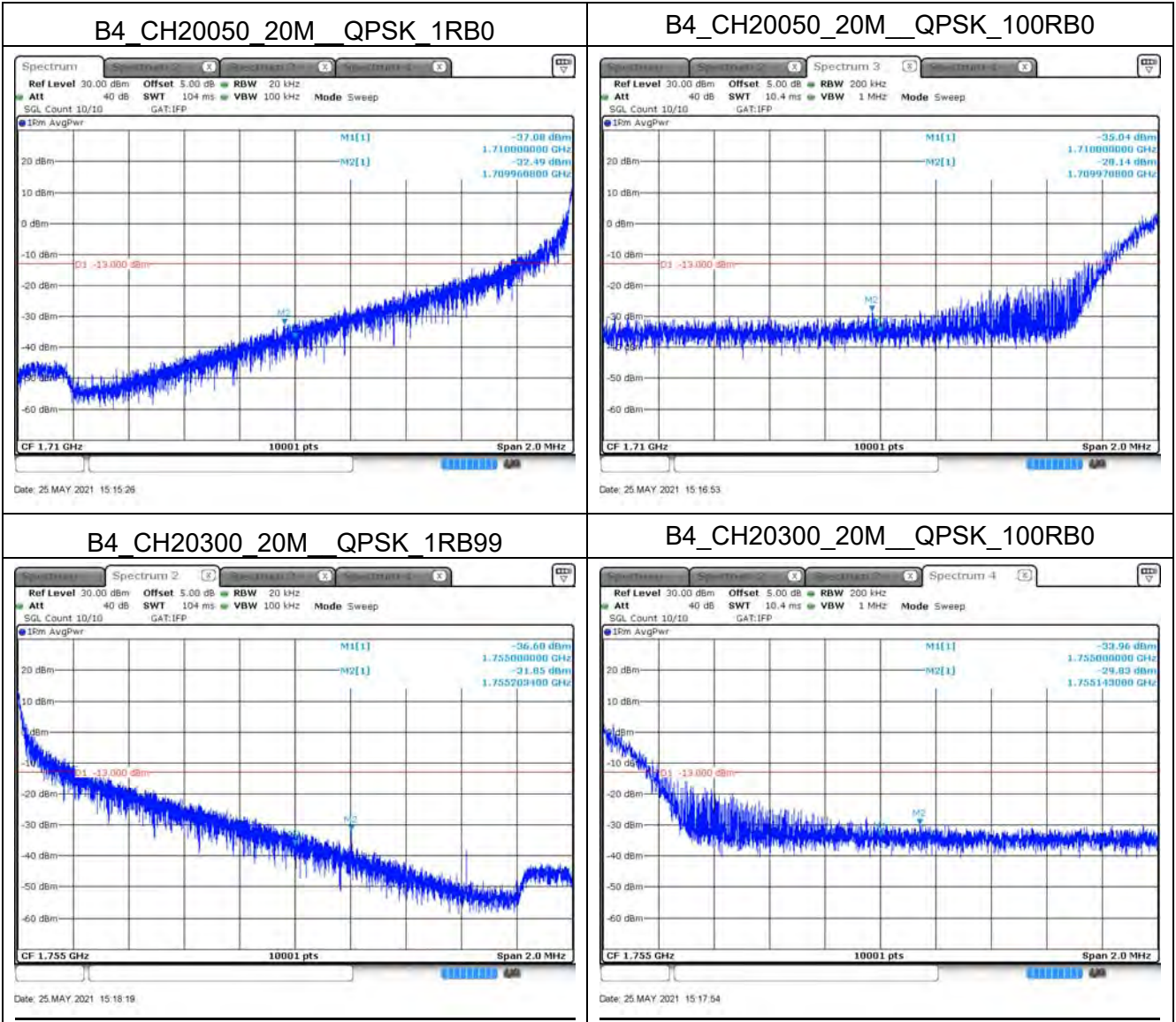




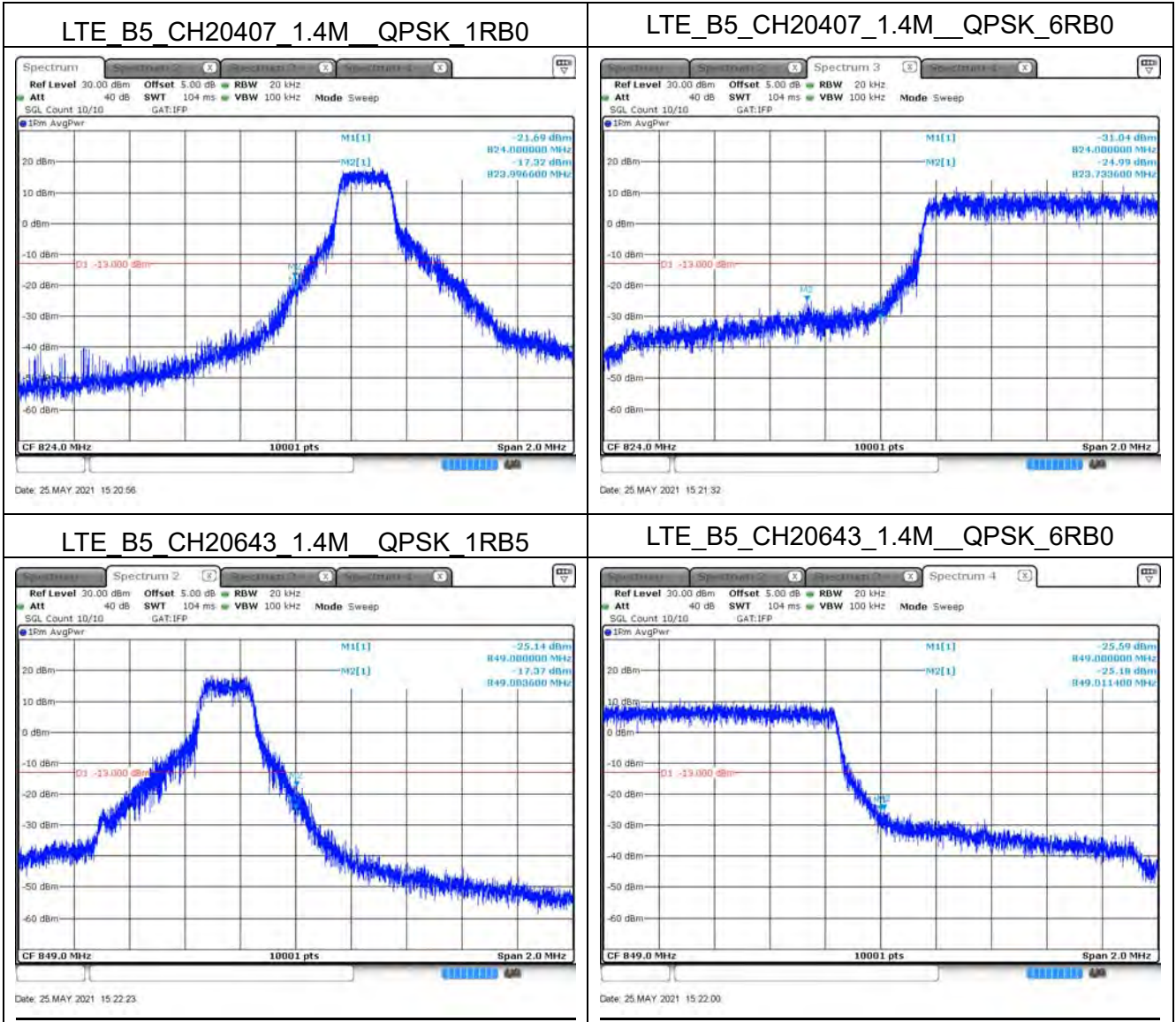




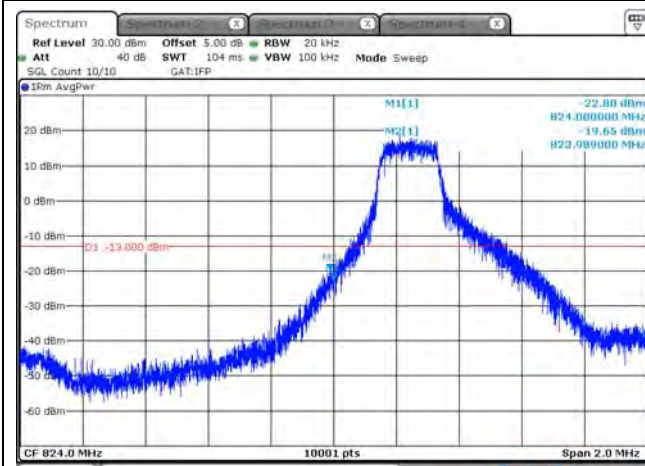




Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2021/05/25	Test Site	SR10-H
Temperature(°C)	25	Humidity (%RH)	59

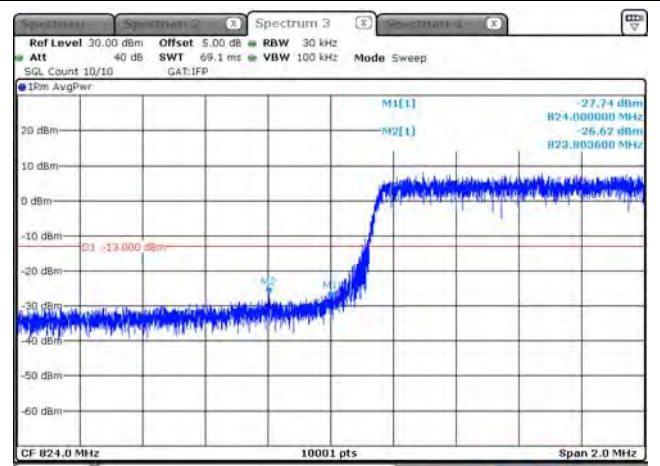


LTE_B5_CH20415_3M_QPSK_1RB0



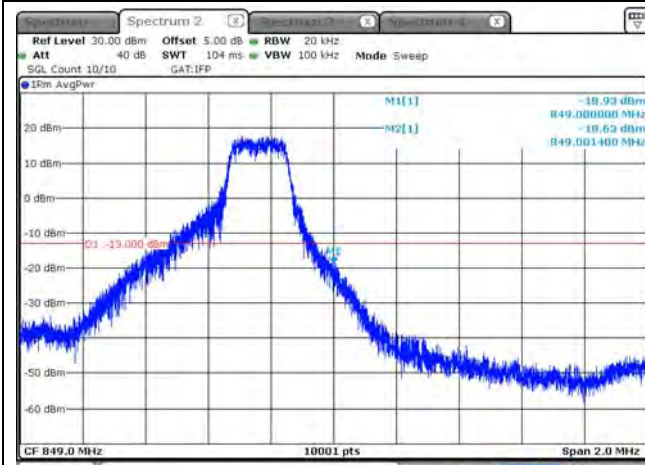
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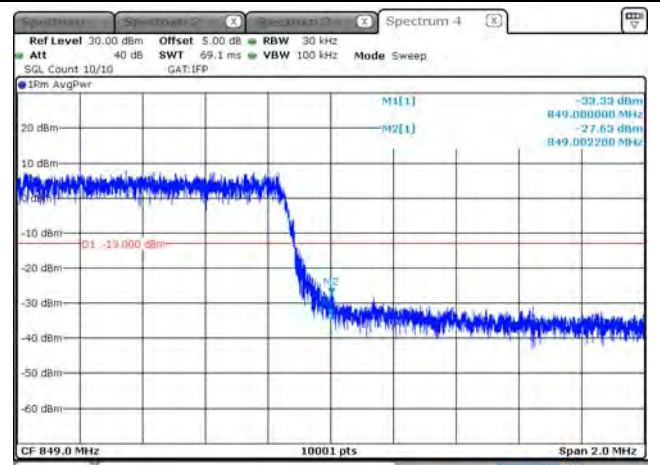
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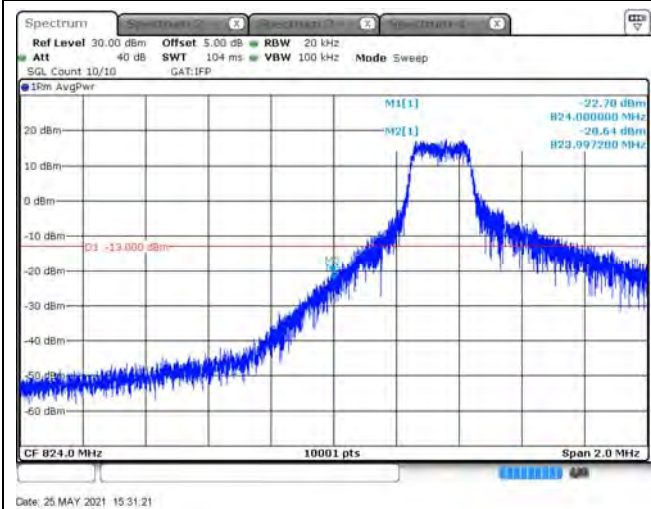
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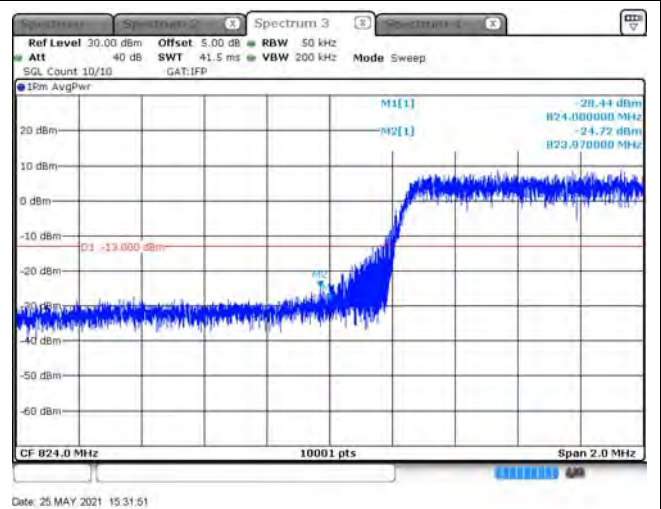


Date: 25 MAY 2021 15:24:55

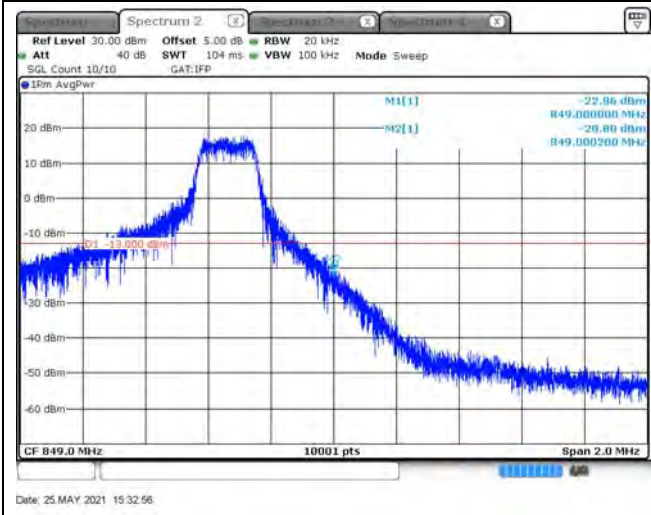
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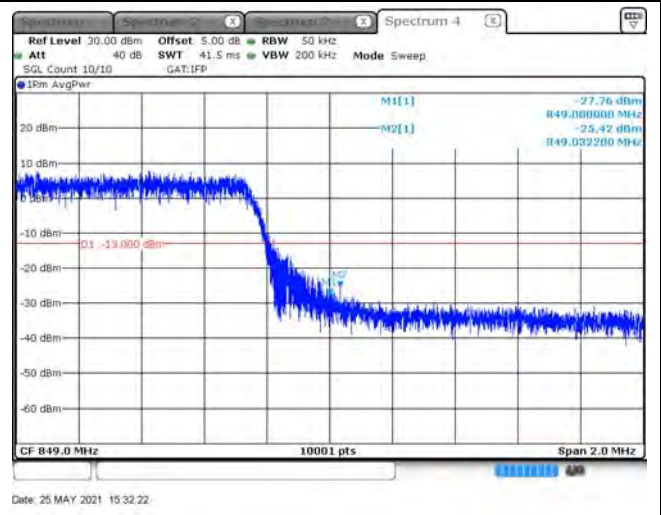
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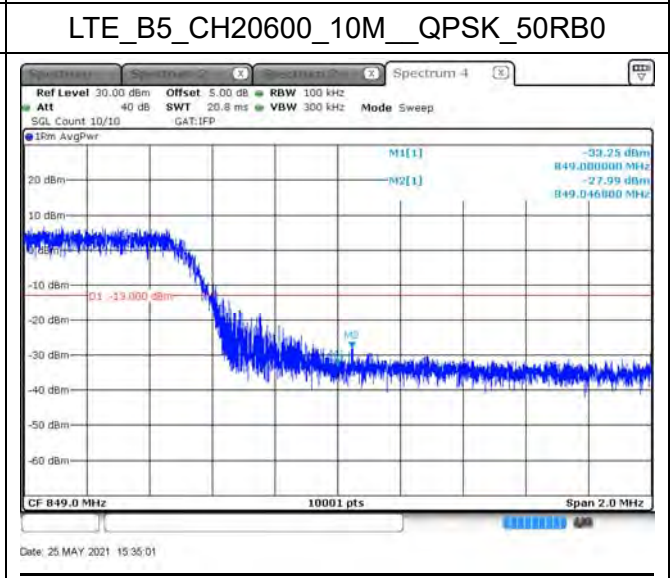
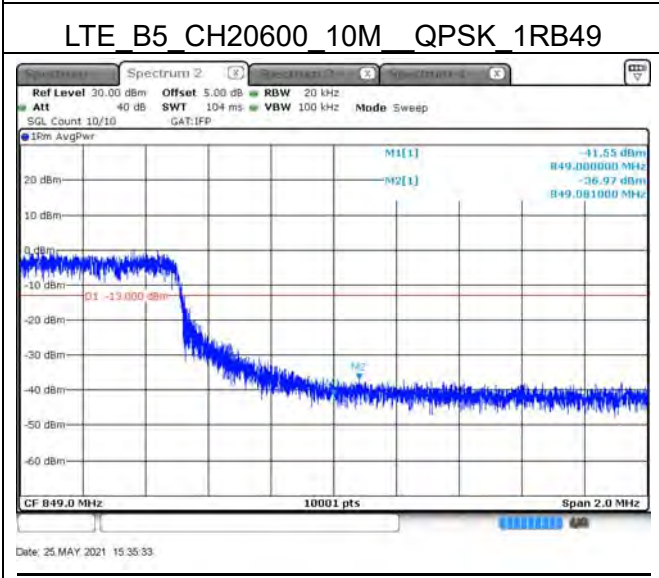
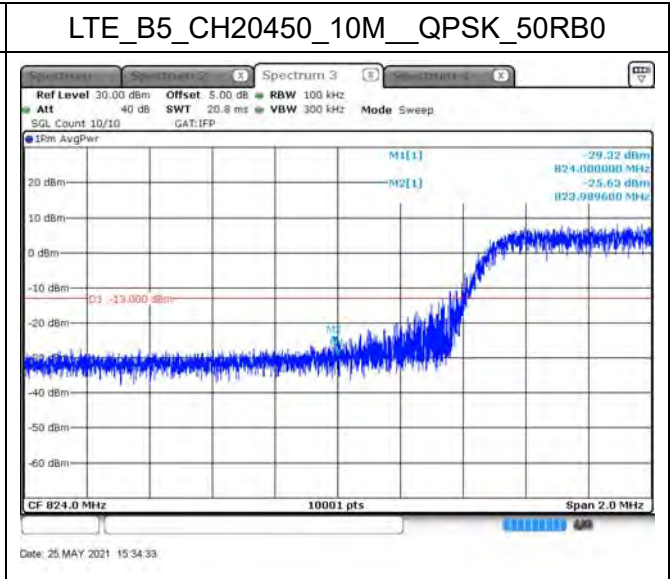
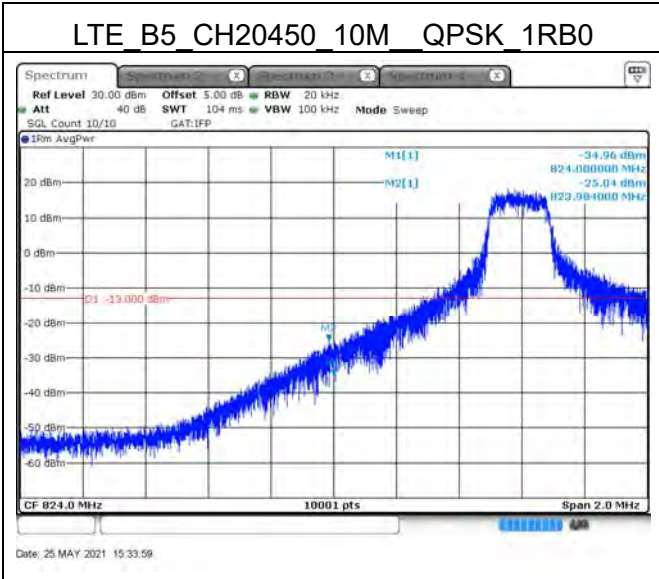


LTE_B5_CH20625_5M_QPSK_1RB24

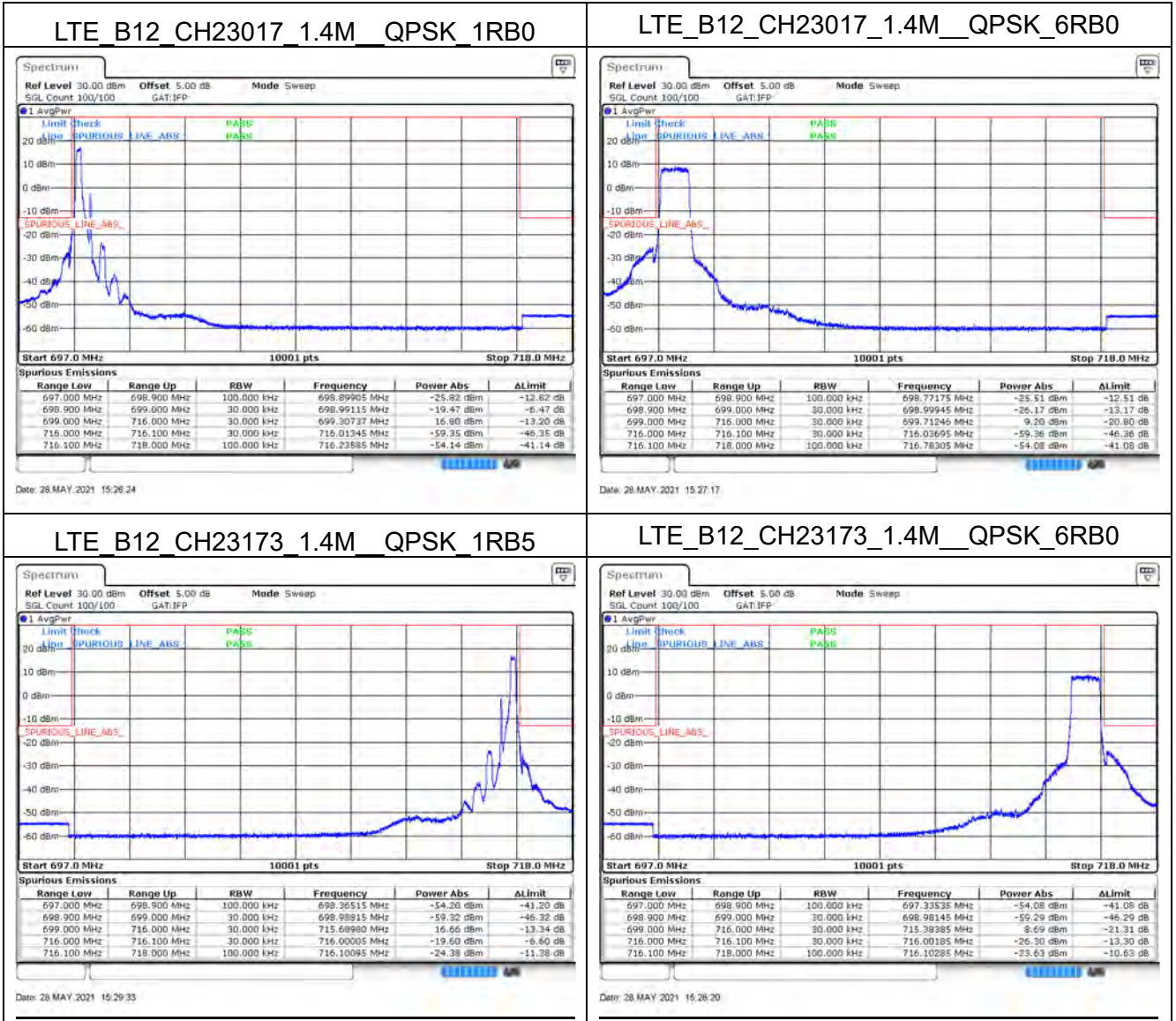


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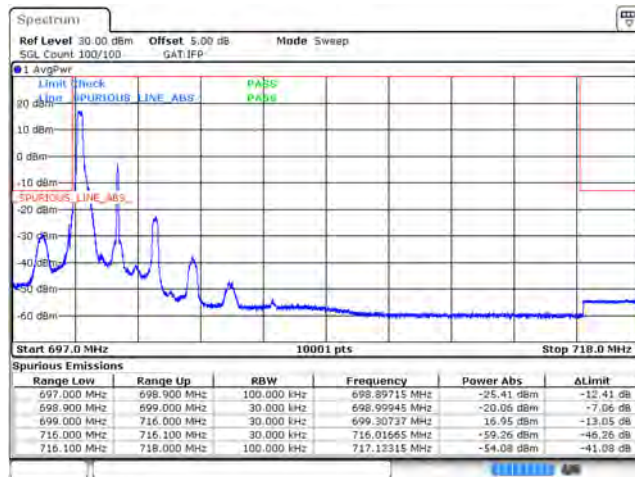




Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2021/05/28~2121/06/07	Test Site	SR10-H
Temperature(°C)	25.7~26.9	Humidity (%RH)	60~75

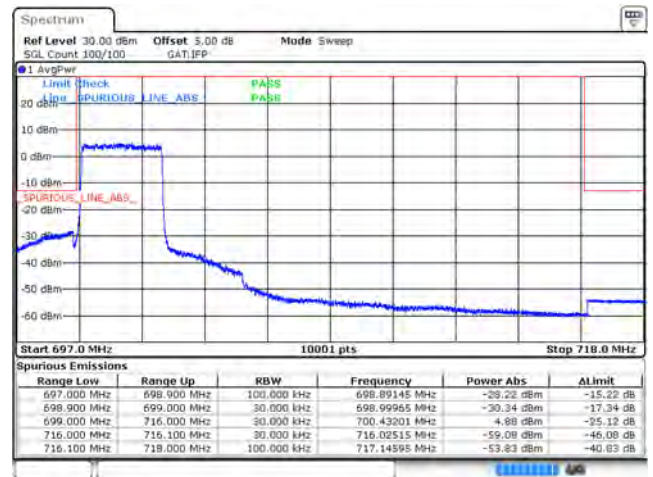


LTE B12 CH23025 3M QPSK 1RB0



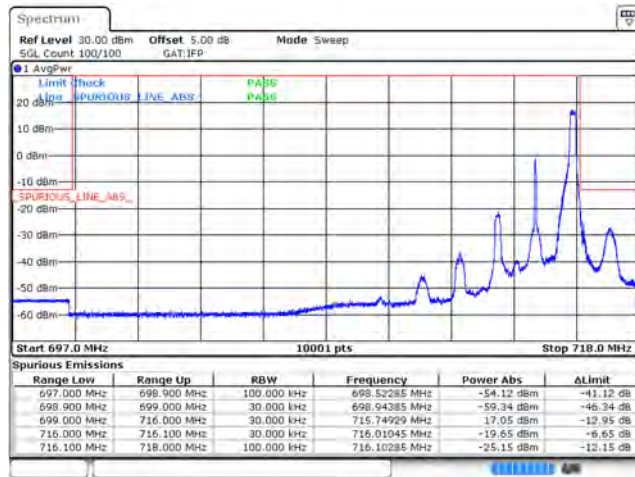
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LTE_B12_CH23025_3M_QPSK_15RB0



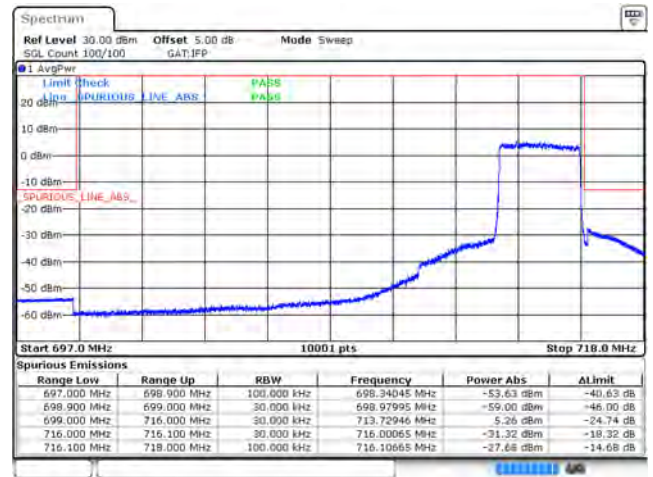
Date: 28 MAY 2021 15:31:38

LTE B12 CH23165 3M QPSK 1RB14



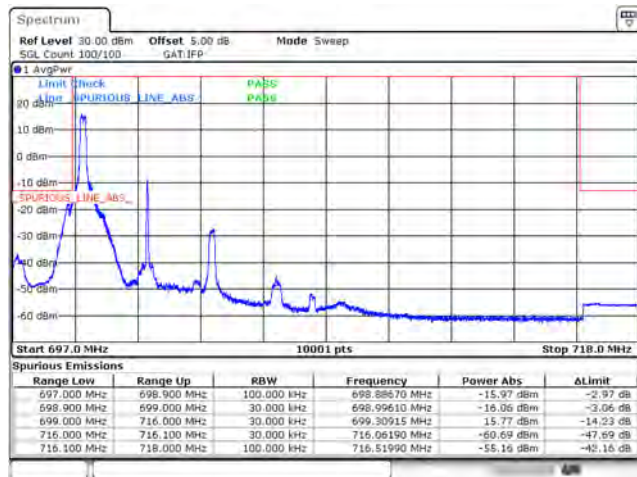
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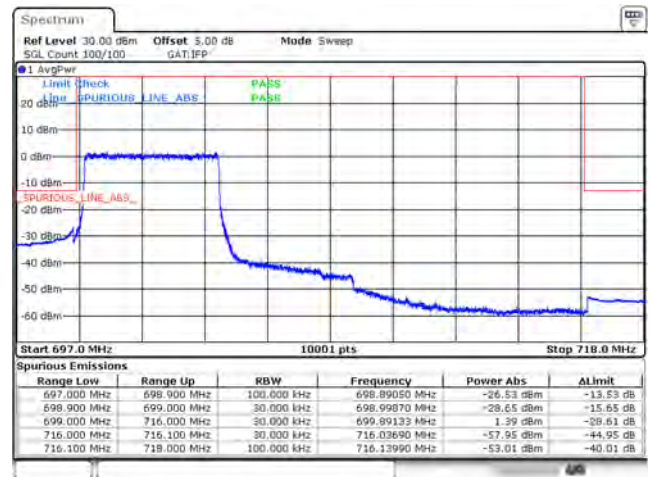


Date: 28 MAY 2021 15:32:16

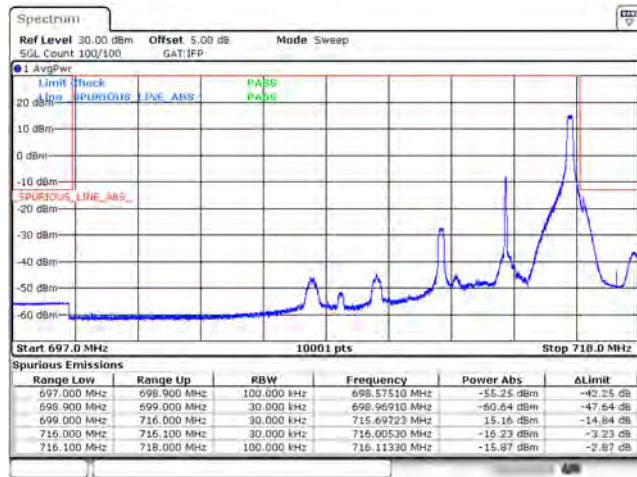
LTE B12 CH23035 5M QPSK 1RB0



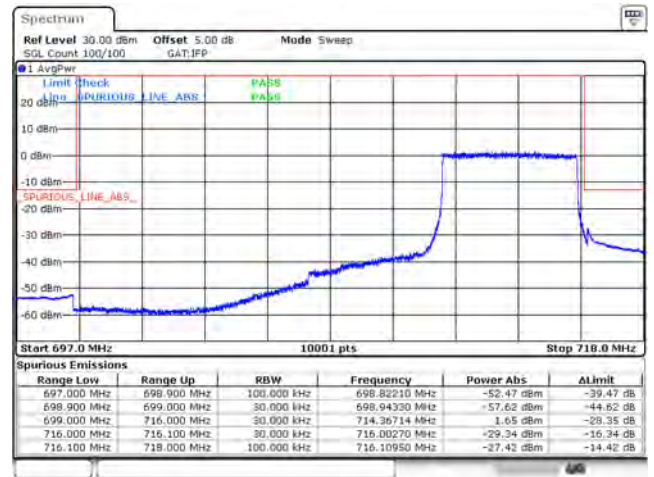
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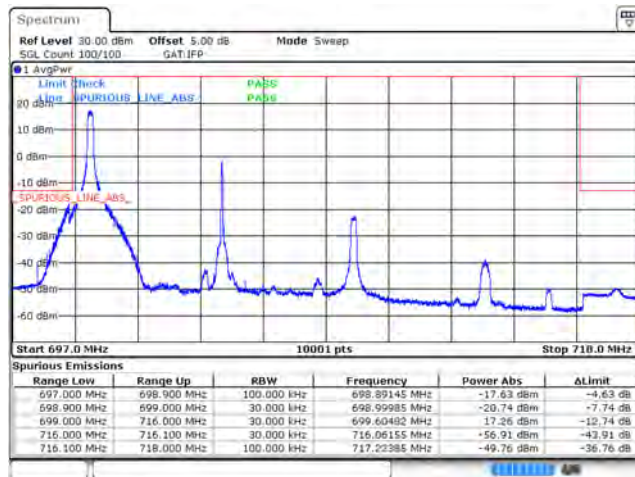
LTE B12 CH23155 5M QPSK 1RB24



LTE_B12_CH23155_5M_QPSK_25RB0

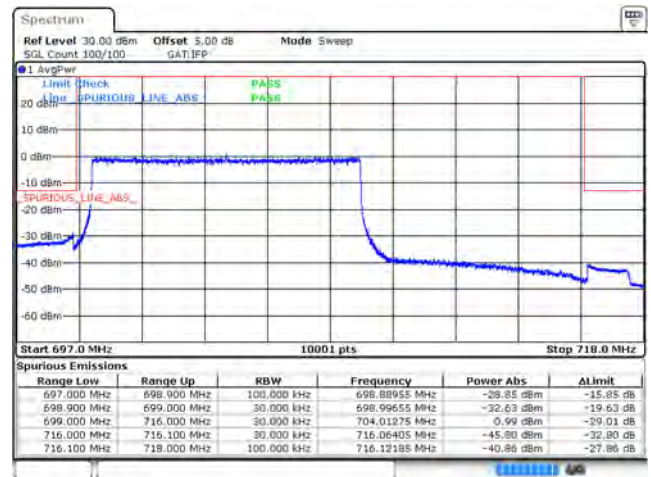


LTE B12 CH23060 10M QPSK 1RB0



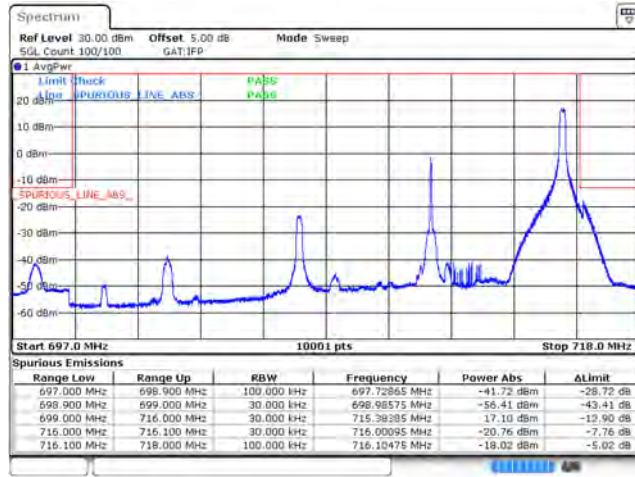
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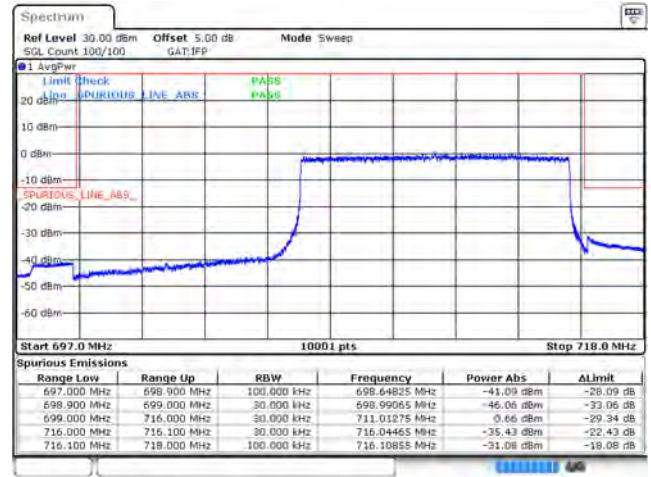
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LTE B12 CH23130 10M QPSK 1RB49



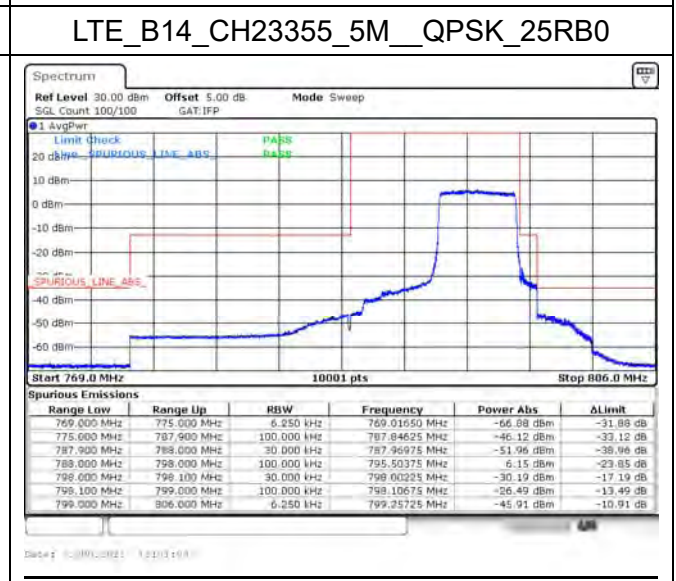
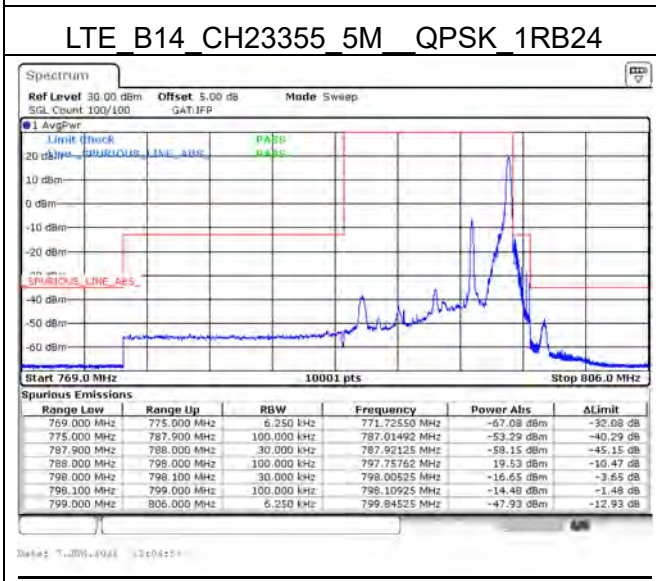
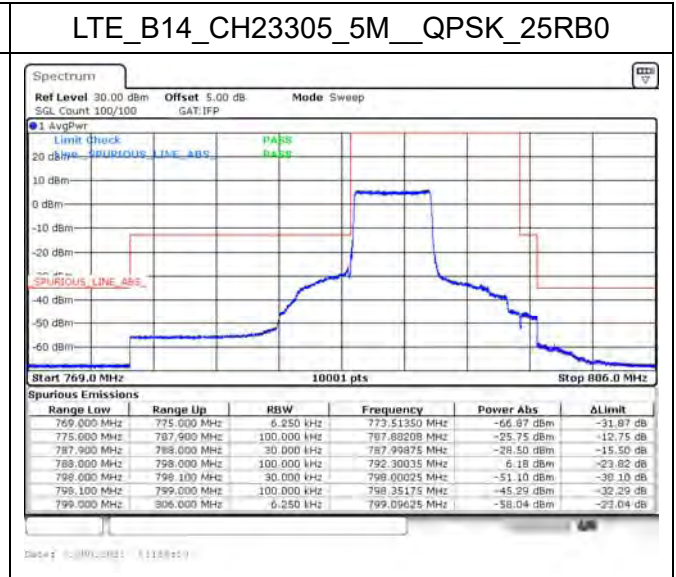
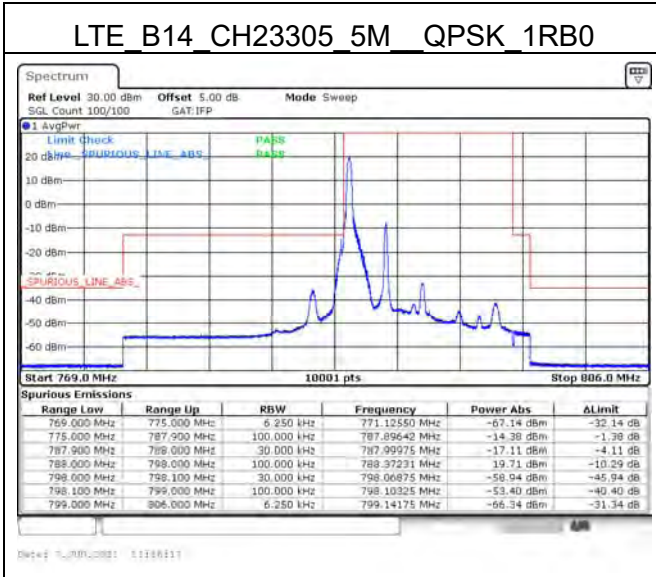
Date: 28 MAY 2021 15:36:52

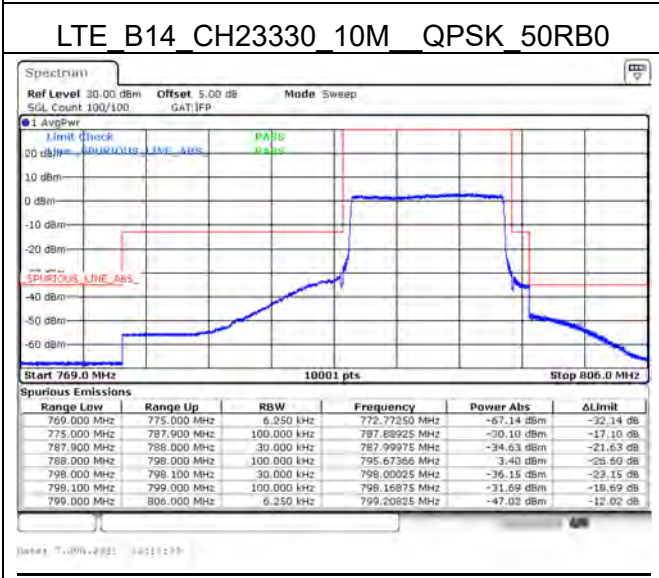
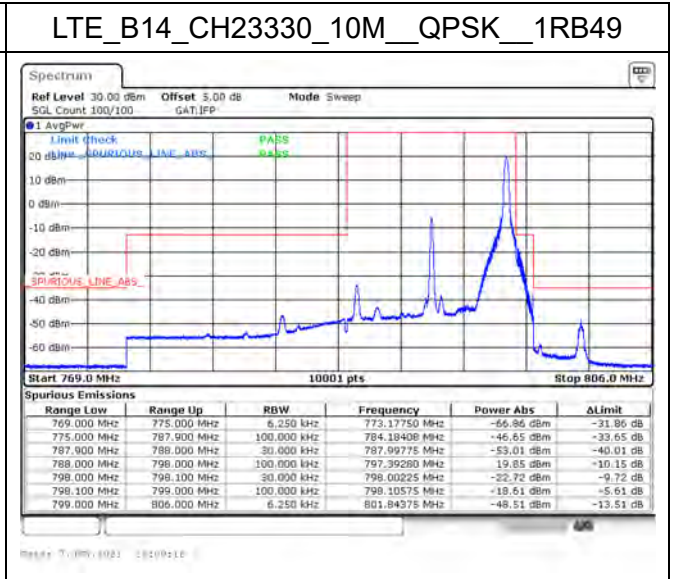
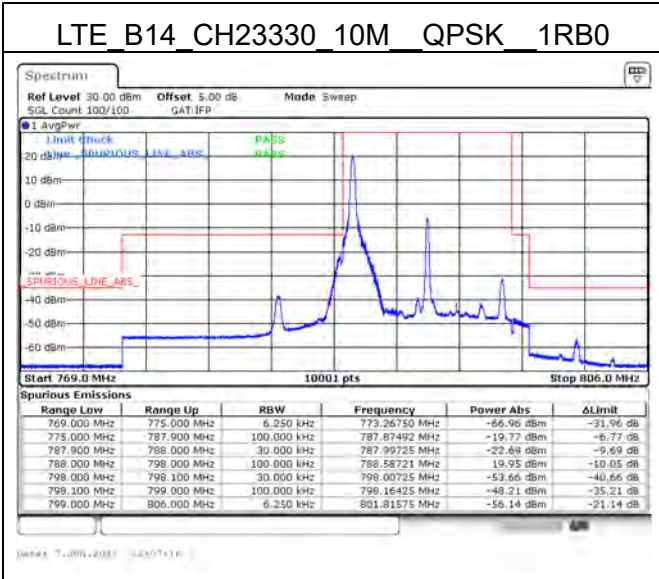
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Date: 28 MAY 2021 15:36:40

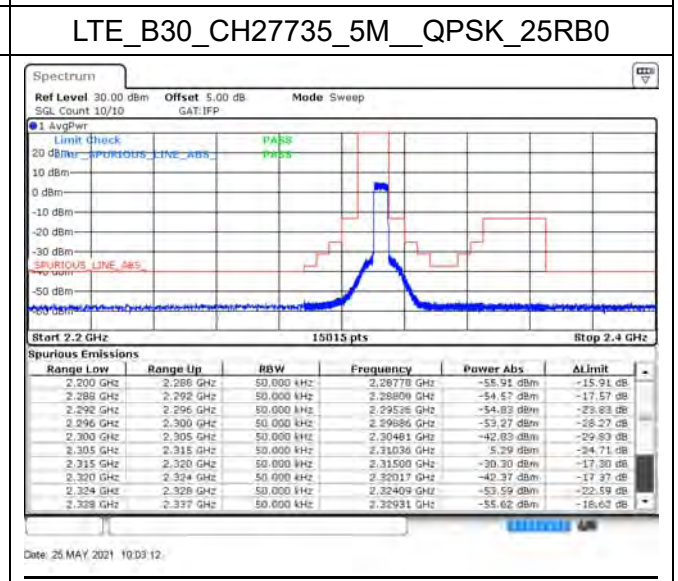
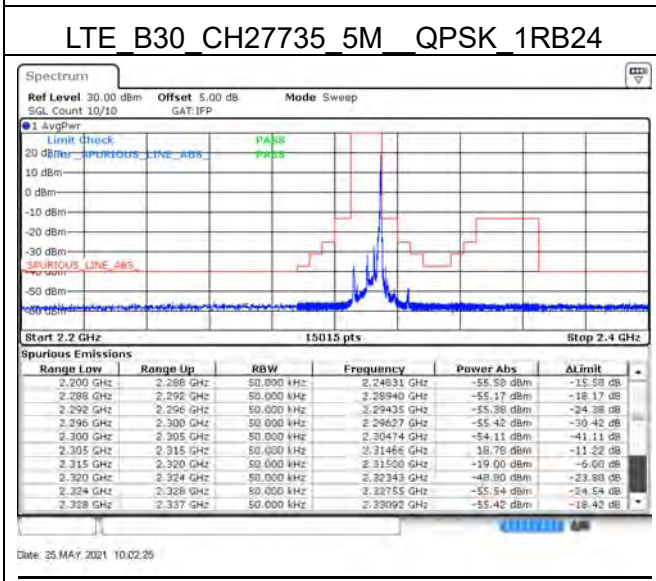
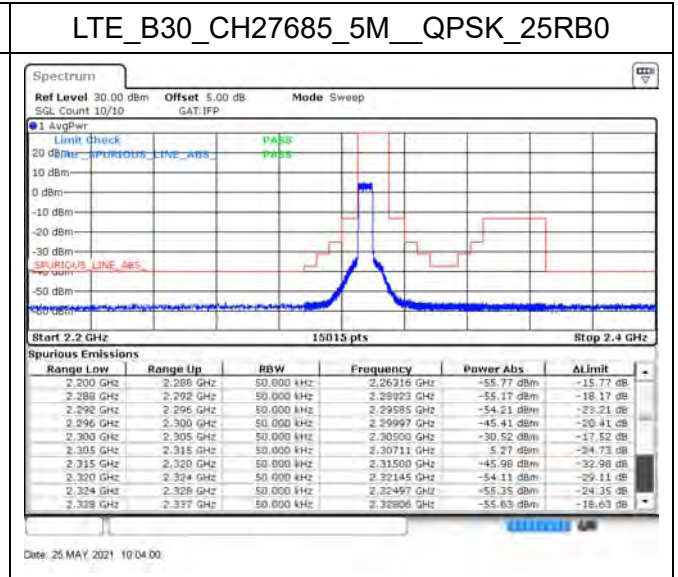
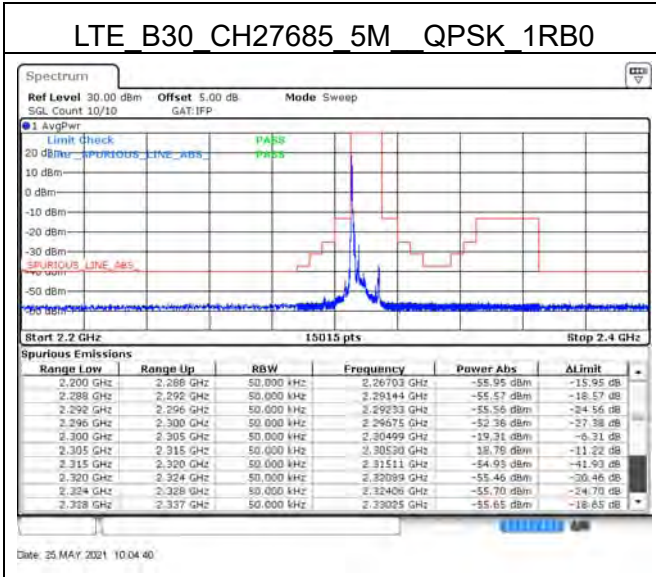
Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 5: LTE Band 14		
Date of Test	2121/06/07	Test Site	SR10-H
Temperature(°C)	25.7	Humidity (%RH)	74

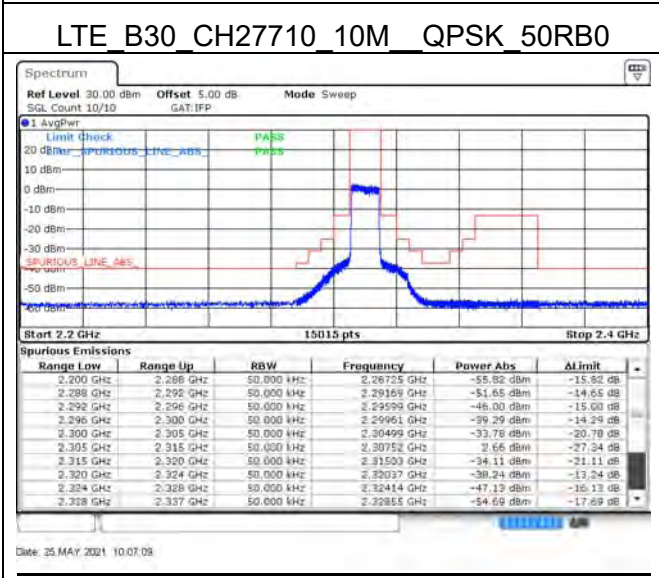
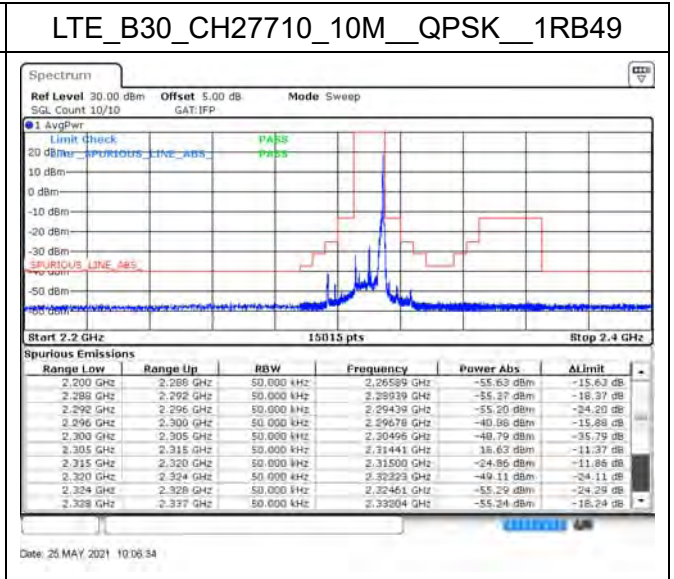
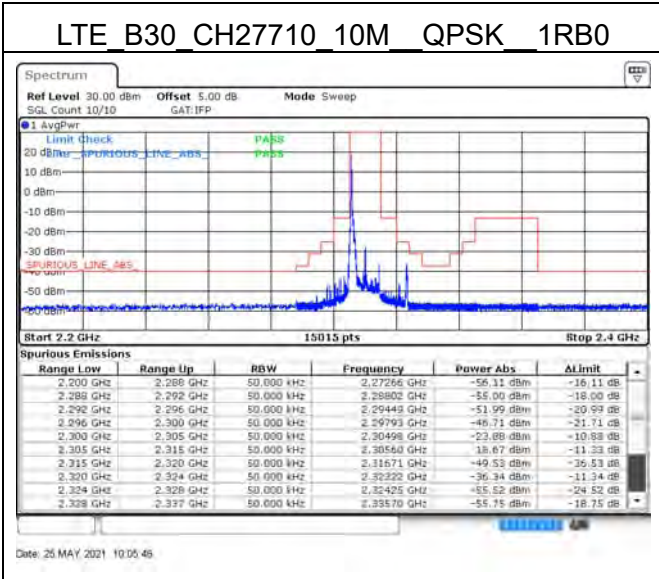




N/A

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 6: LTE Band 30		
Date of Test	2021/05/25	Test Site	SR10-H
Temperature(°C)	25	Humidity (%RH)	59

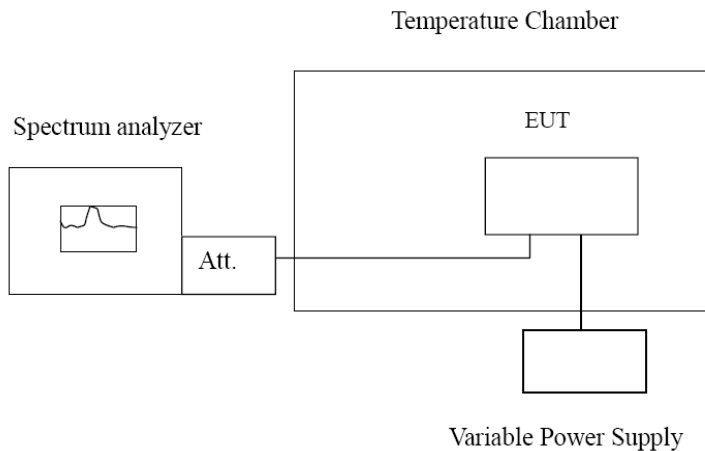




N/A

8. Frequency Stability

8.1. Test Setup



8.2. Test Procedure

Frequency Stability Under Temperature Variations:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

8.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 9

ANSI C63.26: 2015 Sub-clause 5.6

8.4. Test Result

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2021/06/03	Test Site	SR10-H
Temperature(°C)	22	Humidity (%RH)	70

LTE-Band 2 1850.70MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.55	0.0019
5.00	3.22	0.0017
4.25	1.79	0.0010

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.13	0.0017
-20	2.47	0.0013
-10	3.06	0.0017
0	2.53	0.0014
10	2.74	0.0015
20	2.81	0.0015
30	2.89	0.0016
40	3.17	0.0017
50	3.59	0.0019

LTE-Band 2 1909.30MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.26	0.0017
5.00	3.41	0.0018
4.25	3.01	0.0016

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.31	0.0012
-20	2.76	0.0014
-10	2.37	0.0012
0	3.37	0.0018
10	2.63	0.0014
20	2.33	0.0012
30	2.27	0.0012
40	2.33	0.0012
50	3.24	0.0017

LTE-Band 2 1851.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.45	0.0013
5.00	3.67	0.0020
4.25	2.30	0.0012

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.82	0.0015
-20	2.22	0.0012
-10	3.17	0.0017
0	3.45	0.0019
10	3.41	0.0018
20	2.93	0.0016
30	2.39	0.0013
40	3.03	0.0016
50	2.81	0.0015

LTE-Band 2 1908.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.92	0.0015
5.00	3.41	0.0018
4.25	2.46	0.0013

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.82	0.0015
-20	2.28	0.0012
-10	2.98	0.0016
0	4.14	0.0022
10	2.58	0.0014
20	3.13	0.0016
30	3.47	0.0018
40	2.09	0.0011
50	3.03	0.0016

LTE-Band 2 1852.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.72	0.0015
5.00	3.86	0.0021
4.25	3.80	0.0021

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	4.02	0.0022
-20	3.24	0.0017
-10	3.85	0.0021
0	4.33	0.0023
10	2.78	0.0015
20	2.65	0.0014
30	3.01	0.0016
40	3.76	0.0020
50	3.33	0.0018

LTE-Band 2 1907.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.97	0.0016
5.00	3.61	0.0019
4.25	3.70	0.0019

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.11	0.0016
-20	3.23	0.0017
-10	2.80	0.0015
0	2.07	0.0011
10	3.03	0.0016
20	3.13	0.0016
30	2.34	0.0012
40	2.69	0.0014
50	3.68	0.0019

LTE-Band 2 1855MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.23	0.0012
5.00	3.40	0.0018
4.25	2.81	0.0015

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.26	0.0012
-20	3.06	0.0016
-10	3.46	0.0019
0	2.78	0.0015
10	2.27	0.0012
20	2.05	0.0011
30	3.10	0.0017
40	2.44	0.0013
50	2.92	0.0016

LTE-Band 2 1905MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.65	0.0019
5.00	3.25	0.0017
4.25	3.03	0.0016

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.80	0.0015
-20	2.10	0.0011
-10	2.56	0.0013
0	1.89	0.0010
10	2.29	0.0012
20	1.89	0.0010
30	2.42	0.0013
40	3.73	0.0020
50	1.74	0.0009

LTE-Band 2 1857.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.85	0.0015
5.00	3.46	0.0019
4.25	2.35	0.0013

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.60	0.0019
-20	2.60	0.0014
-10	2.03	0.0011
0	2.33	0.0013
10	3.55	0.0019
20	2.91	0.0016
30	2.81	0.0015
40	2.72	0.0015
50	3.81	0.0021

LTE-Band 2 1902.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.20	0.0017
5.00	3.38	0.0018
4.25	2.83	0.0015

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.24	0.0012
-20	3.79	0.0020
-10	2.52	0.0013
0	3.03	0.0016
10	2.40	0.0013
20	2.96	0.0016
30	2.59	0.0014
40	3.14	0.0017
50	2.92	0.0015

LTE-Band 2 1860MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.66	0.0020
5.00	3.44	0.0018
4.25	3.84	0.0021

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.97	0.0016
-20	3.07	0.0017
-10	2.53	0.0014
0	3.63	0.0020
10	2.72	0.0015
20	3.89	0.0021
30	2.73	0.0015
40	2.73	0.0015
50	2.86	0.0015

LTE-Band 2 1900MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.43	0.0013
5.00	3.72	0.0020
4.25	3.34	0.0018

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.68	0.0014
-20	3.29	0.0017
-10	3.06	0.0016
0	2.75	0.0014
10	2.07	0.0011
20	3.35	0.0018
30	3.48	0.0018
40	3.50	0.0018
50	3.28	0.0017

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2021/06/03	Test Site	SR10-H
Temperature(°C)	22	Humidity (%RH)	70

LTE-Band 4 1710.7MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	1.99	0.0012
5.00	3.17	0.0019
4.25	2.59	0.0015

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.73	0.0016
-20	2.32	0.0014
-10	2.57	0.0015
0	2.49	0.0015
10	2.42	0.0014
20	2.68	0.0016
30	2.52	0.0015
40	2.73	0.0016
50	2.27	0.0013

LTE-Band 4 1754.3MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.23	0.0013
5.00	3.23	0.0018
4.25	2.76	0.0016

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.40	0.0019
-20	3.39	0.0019
-10	2.86	0.0016
0	2.85	0.0016
10	2.05	0.0012
20	2.65	0.0015
30	1.99	0.0011
40	2.21	0.0013
50	3.21	0.0018

LTE-Band 4 1711.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.44	0.0020
5.00	3.31	0.0019
4.25	2.68	0.0016

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.25	0.0019
-20	2.79	0.0016
-10	2.44	0.0014
0	2.13	0.0012
10	3.24	0.0019
20	2.88	0.0017
30	3.46	0.0020
40	2.56	0.0015
50	3.37	0.0020

LTE-Band 4 1753.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.72	0.0016
5.00	3.28	0.0019
4.25	2.78	0.0016

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.64	0.0015
-20	3.41	0.0019
-10	2.66	0.0015
0	2.83	0.0016
10	2.95	0.0017
20	2.81	0.0016
30	2.22	0.0013
40	3.41	0.0019
50	2.37	0.0014

LTE-Band 4 1712.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.19	0.0019
5.00	4.23	0.0025
4.25	3.81	0.0022

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.46	0.0020
-20	3.82	0.0022
-10	3.40	0.0020
0	3.28	0.0019
10	4.29	0.0025
20	4.21	0.0025
30	3.58	0.0021
40	3.91	0.0023
50	3.00	0.0018

LTE-Band 4 1752.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.03	0.0017
5.00	3.18	0.0018
4.25	3.08	0.0018

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.12	0.0012
-20	2.43	0.0014
-10	2.10	0.0012
0	2.47	0.0014
10	2.31	0.0013
20	2.03	0.0012
30	2.66	0.0015
40	2.56	0.0015
50	2.66	0.0015

LTE-Band 4 1715MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	4.31	0.0025
5.00	4.32	0.0025
4.25	4.28	0.0025

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	4.13	0.0024
-20	4.31	0.0025
-10	4.10	0.0024
0	2.79	0.0016
10	4.57	0.0027
20	3.23	0.0019
30	3.82	0.0022
40	4.12	0.0024
50	4.02	0.0023

LTE-Band 4 1750MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.96	0.0017
5.00	3.42	0.0020
4.25	3.53	0.0020

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.40	0.0019
-20	3.33	0.0019
-10	3.58	0.0020
0	2.51	0.0014
10	2.79	0.0016
20	2.83	0.0016
30	2.36	0.0013
40	3.06	0.0017
50	2.76	0.0016

LTE-Band 4 1717.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.61	0.0021
5.00	3.53	0.0021
4.25	3.07	0.0018

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.98	0.0017
-20	3.07	0.0018
-10	2.43	0.0014
0	2.81	0.0016
10	2.65	0.0015
20	3.16	0.0018
30	3.53	0.0021
40	2.50	0.0015
50	2.74	0.0016

LTE-Band 4 1747.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.73	0.0021
5.00	3.68	0.0021
4.25	2.90	0.0017

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.08	0.0018
-20	3.78	0.0022
-10	2.95	0.0017
0	3.05	0.0017
10	3.38	0.0019
20	3.06	0.0018
30	3.50	0.0020
40	3.55	0.0020
50	3.42	0.0020

LTE-Band 4 1720MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.87	0.0017
5.00	3.29	0.0019
4.25	3.01	0.0018

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.44	0.0020
-20	2.63	0.0015
-10	2.81	0.0016
0	2.30	0.0013
10	2.63	0.0015
20	2.84	0.0017
30	3.51	0.0020
40	1.98	0.0012
50	1.68	0.0010

LTE-Band 4 1745MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.57	0.0020
5.00	3.47	0.0020
4.25	4.10	0.0023

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.86	0.0016
-20	3.24	0.0019
-10	3.09	0.0018
0	2.06	0.0012
10	3.43	0.0020
20	2.43	0.0014
30	3.15	0.0018
40	2.94	0.0017
50	4.07	0.0023

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2021/06/03	Test Site	SR10-H
Temperature(°C)	22	Humidity (%RH)	70

LTE-Band 5 824.7MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.22	0.0039
5.00	3.65	0.0044
4.25	3.20	0.0039

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.43	0.0029
-20	3.12	0.0038
-10	2.84	0.0034
0	3.63	0.0044
10	3.73	0.0045
20	3.37	0.0041
30	2.98	0.0036
40	2.45	0.0030
50	3.08	0.0037

LTE-Band 5 848.3MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.34	0.0039
5.00	3.56	0.0042
4.25	2.79	0.0033

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.51	0.0030
-20	3.22	0.0038
-10	3.37	0.0040
0	3.16	0.0037
10	2.60	0.0031
20	2.55	0.0030
30	3.02	0.0036
40	3.70	0.0044
50	2.82	0.0033

LTE-Band 5 825.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	4.11	0.0050
5.00	4.10	0.0050
4.25	3.58	0.0043

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.66	0.0044
-20	3.81	0.0046
-10	3.84	0.0047
0	3.69	0.0045
10	2.73	0.0033
20	3.97	0.0048
30	2.52	0.0031
40	3.35	0.0041
50	3.94	0.0048

LTE-Band 5 847.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.30	0.0039
5.00	4.25	0.0050
4.25	3.73	0.0044

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.27	0.0039
-20	3.86	0.0046
-10	3.48	0.0041
0	3.52	0.0042
10	4.26	0.0050
20	3.34	0.0039
30	3.65	0.0043
40	4.05	0.0048
50	4.54	0.0054

LTE-Band 5 826.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	4.36	0.0053
5.00	4.66	0.0056
4.25	5.36	0.0065

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	4.84	0.0059
-20	4.89	0.0059
-10	5.29	0.0064
0	4.21	0.0051
10	3.80	0.0046
20	3.55	0.0043
30	3.73	0.0045
40	4.48	0.0054
50	3.74	0.0045

LTE-Band 5 846.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.88	0.0046
5.00	5.01	0.0059
4.25	4.36	0.0052

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	4.01	0.0047
-20	4.89	0.0058
-10	4.11	0.0049
0	4.11	0.0049
10	3.48	0.0041
20	5.12	0.0060
30	3.66	0.0043
40	4.29	0.0051
50	5.07	0.0060

LTE-Band 5 829MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.72	0.0033
5.00	3.72	0.0045
4.25	3.46	0.0042

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.38	0.0041
-20	3.19	0.0038
-10	3.99	0.0048
0	2.67	0.0032
10	2.57	0.0031
20	3.65	0.0044
30	3.13	0.0038
40	2.74	0.0033
50	3.56	0.0043

LTE-Band 5 844MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.62	0.0031
5.00	3.55	0.0042
4.25	3.04	0.0036

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.89	0.0034
-20	3.82	0.0045
-10	3.54	0.0042
0	2.86	0.0034
10	2.65	0.0031
20	2.33	0.0028
30	2.92	0.0035
40	3.11	0.0037
50	2.93	0.0035

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2021/06/03	Test Site	SR10-H
Temperature(°C)	22	Humidity (%RH)	70

LTE-Band 12 699.7MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.12	0.0045
5.00	3.33	0.0048
4.25	2.74	0.0039

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	1.92	0.0027
-20	2.57	0.0037
-10	3.35	0.0048
0	2.73	0.0039
10	2.75	0.0039
20	2.62	0.0037
30	3.39	0.0048
40	2.83	0.0040
50	3.09	0.0044

LTE-Band 12 715.3MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.13	0.0030
5.00	3.34	0.0047
4.25	2.41	0.0034

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.28	0.0032
-20	2.80	0.0039
-10	2.77	0.0039
0	2.88	0.0040
10	2.75	0.0038
20	2.76	0.0039
30	2.65	0.0037
40	1.66	0.0023
50	2.37	0.0033

LTE-Band 12 700.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.56	0.0051
5.00	4.23	0.0060
4.25	4.52	0.0065

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	4.08	0.0058
-20	3.41	0.0049
-10	3.75	0.0054
0	4.58	0.0065
10	3.59	0.0051
20	4.07	0.0058
30	3.87	0.0055
40	3.63	0.0052
50	3.72	0.0053

LTE-Band 12 714.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.62	0.0051
5.00	3.99	0.0056
4.25	2.81	0.0039

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.57	0.0050
-20	3.01	0.0042
-10	3.29	0.0046
0	3.32	0.0046
10	3.32	0.0046
20	3.68	0.0052
30	3.89	0.0054
40	3.11	0.0044
50	3.40	0.0048

LTE-Band 12 701.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.12	0.0030
5.00	2.99	0.0043
4.25	2.51	0.0036

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.86	0.0041
-20	3.18	0.0045
-10	2.92	0.0042
0	1.54	0.0022
10	3.62	0.0052
20	2.63	0.0037
30	3.03	0.0043
40	2.33	0.0033
50	2.02	0.0029

LTE-Band 12 713.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.36	0.0047
5.00	3.63	0.0051
4.25	3.26	0.0046

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.37	0.0047
-20	2.62	0.0037
-10	3.13	0.0044
0	3.24	0.0045
10	3.85	0.0054
20	2.51	0.0035
30	3.35	0.0047
40	3.44	0.0048
50	3.53	0.0049

LTE-Band 12 704MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.94	0.0042
5.00	3.82	0.0054
4.25	3.22	0.0046

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.23	0.0046
-20	3.01	0.0043
-10	3.29	0.0047
0	2.49	0.0035
10	3.19	0.0045
20	3.69	0.0052
30	2.57	0.0037
40	3.19	0.0045
50	3.73	0.0053

LTE-Band 12 711MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	3.37	0.0047
5.00	3.61	0.0051
4.25	3.63	0.0051

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	4.18	0.0059
-20	3.07	0.0043
-10	3.12	0.0044
0	2.73	0.0038
10	2.17	0.0031
20	2.72	0.0038
30	2.77	0.0039
40	3.35	0.0047
50	3.34	0.0047

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 5: LTE Band 14		
Date of Test	2021/06/03	Test Site	SR10-H
Temperature(°C)	22	Humidity (%RH)	70

LTE-Band 14 790.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.27	0.0029
5.00	2.59	0.0033
4.25	1.89	0.0024

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	1.28	0.0016
-20	2.88	0.0036
-10	1.77	0.0022
0	2.20	0.0028
10	1.39	0.0018
20	2.40	0.0030
30	2.09	0.0026
40	2.00	0.0025
50	1.99	0.0025

LTE-Band 14 795.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.10	0.0026
5.00	3.14	0.0039
4.25	2.40	0.0030

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.71	0.0034
-20	3.06	0.0038
-10	2.77	0.0035
0	2.82	0.0035
10	2.32	0.0029
20	2.08	0.0026
30	2.68	0.0034
40	2.03	0.0026
50	3.39	0.0043

LTE-Band 14 793MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.74	0.0035
5.00	3.33	0.0042
4.25	3.77	0.0048

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.63	0.0033
-20	2.93	0.0037
-10	3.12	0.0039
0	3.62	0.0046
10	2.91	0.0037
20	2.25	0.0028
30	3.34	0.0042
40	3.97	0.0050
50	2.17	0.0027

Product Name	WCDMA/LTE Mobile Phone		
Test Mode	Mode 6: LTE Band 30		
Date of Test	2021/06/03	Test Site	SR10-H
Temperature(°C)	22	Humidity (%RH)	70

LTE-Band 30 2307.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	2.24	0.0010
5.00	2.69	0.0012
4.25	0.93	0.0004

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.13	0.0009
-20	2.39	0.0010
-10	2.17	0.0009
0	2.21	0.0010
10	2.79	0.0012
20	1.99	0.0009
30	1.60	0.0007
40	2.64	0.0011
50	2.93	0.0013

LTE-Band 30 2312.5MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	1.56	0.0007
5.00	3.14	0.0014
4.25	1.74	0.0008

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	3.01	0.0013
-20	2.18	0.0009
-10	2.88	0.0012
0	2.71	0.0012
10	2.85	0.0012
20	2.12	0.0009
30	2.34	0.0010
40	3.48	0.0015
50	2.81	0.0012

LTE-Band 30 2310MHz

Voltage

Voltage (VDC)	Frequency Error (Hz)	Frequency Error (ppm)
5.50	1.46	0.0006
5.00	2.99	0.0013
4.25	1.91	0.0008

Temperature

Temperature (°C)	Frequency Error (Hz)	Frequency Error (ppm)
-30	2.11	0.0009
-20	3.05	0.0013
-10	3.14	0.0014
0	1.34	0.0006
10	2.10	0.0009
20	3.13	0.0014
30	2.26	0.0010
40	2.51	0.0011
50	3.17	0.0014