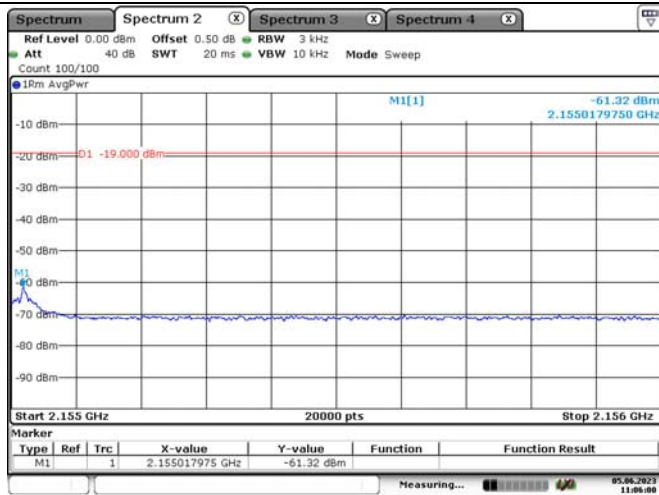
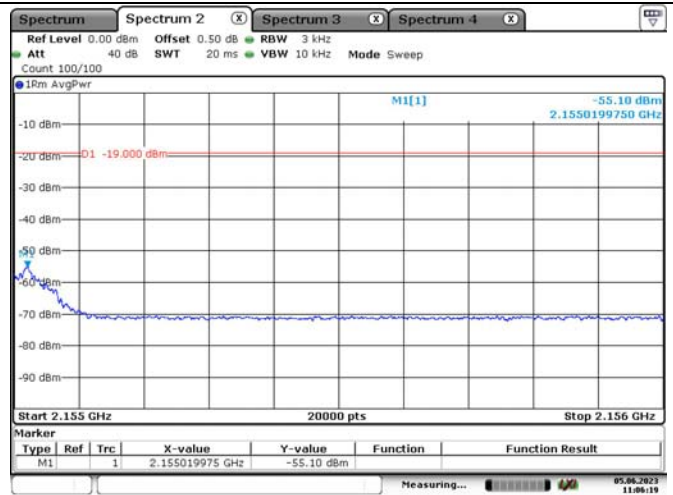


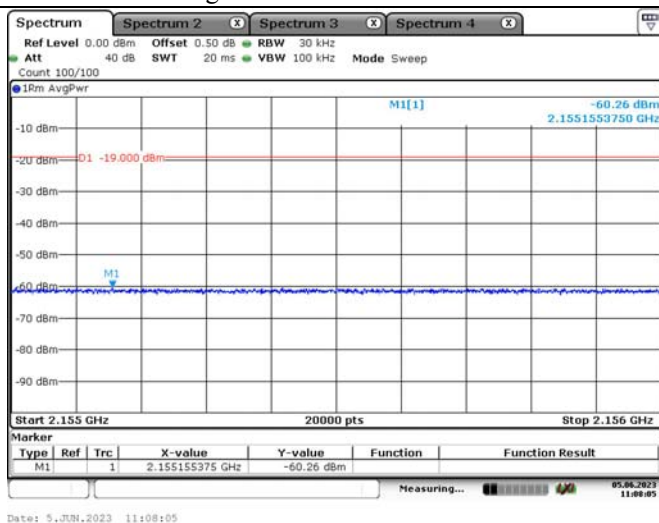
Right Side-GSM-Pre AGC



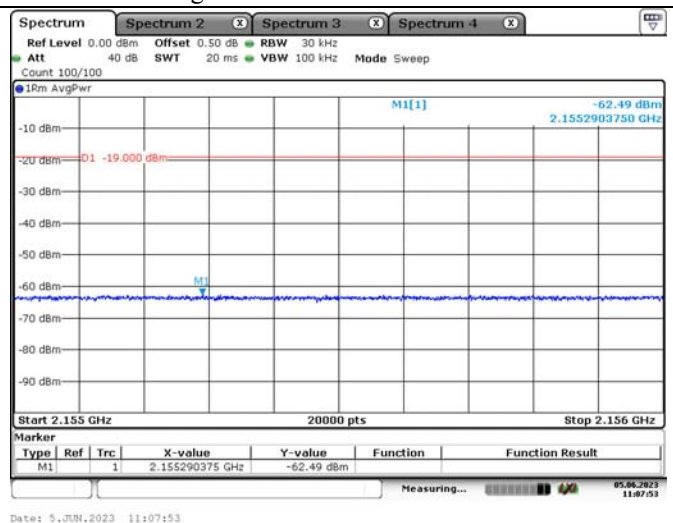
Right Side-GSM-Above AGC



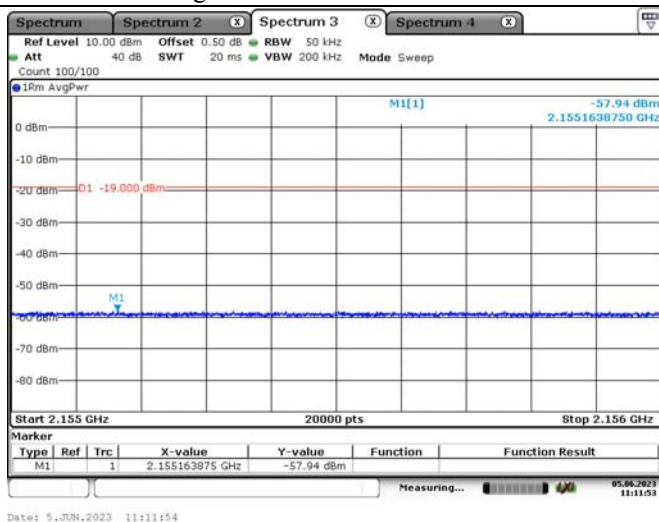
Right Side-CDMA-Pre AGC



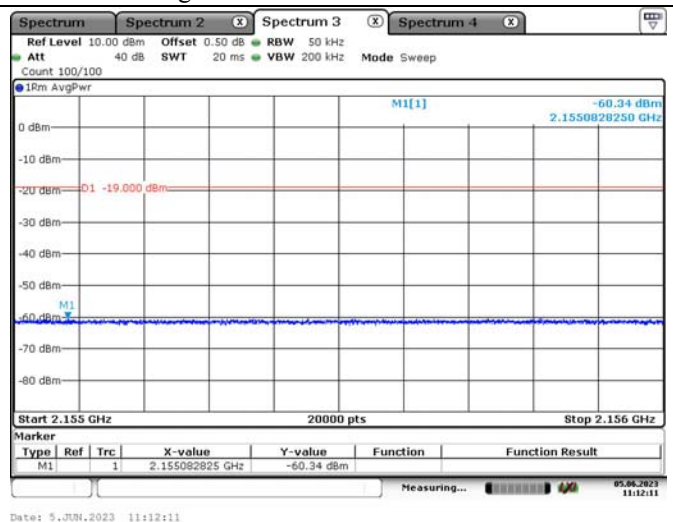
Right Side-CDMA-Above AGC



Right Side-WCDMA-Pre AGC

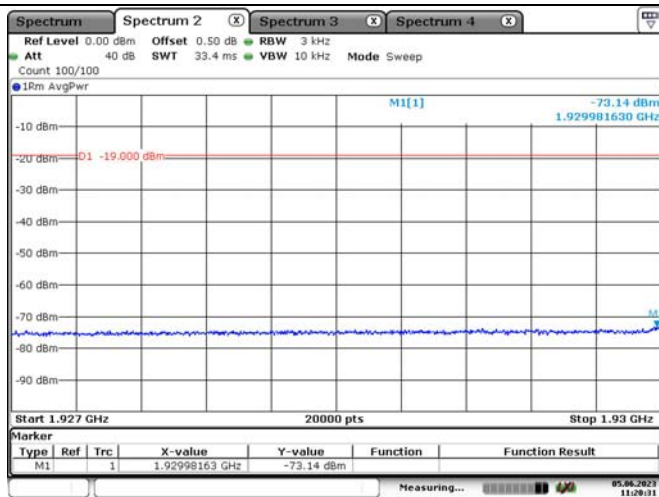


Right Side-WCDMA-Above AGC

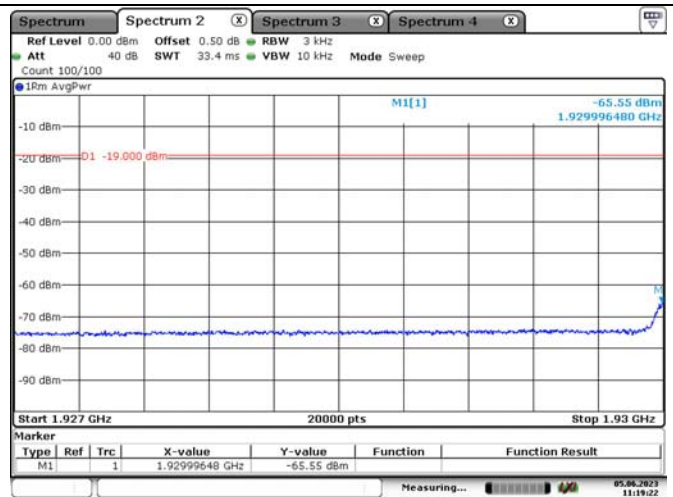


PCS Band Downlink

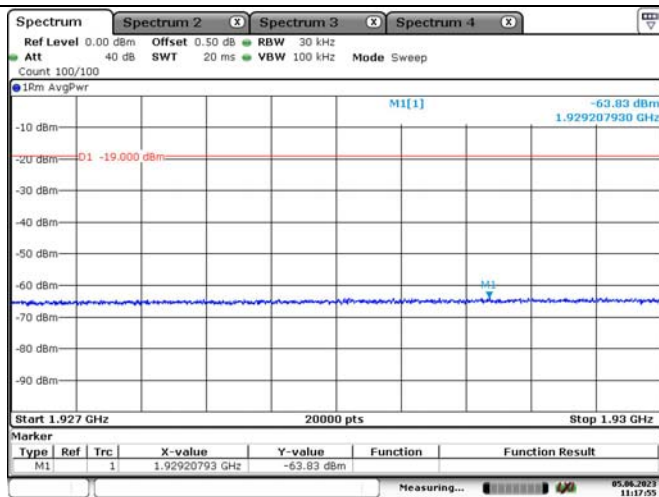
Left Side-GSM-Pre AGC



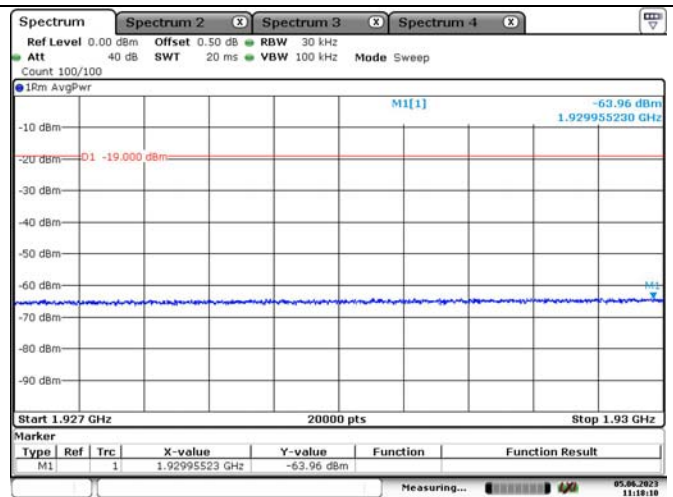
Left Side-GSM-Above AGC



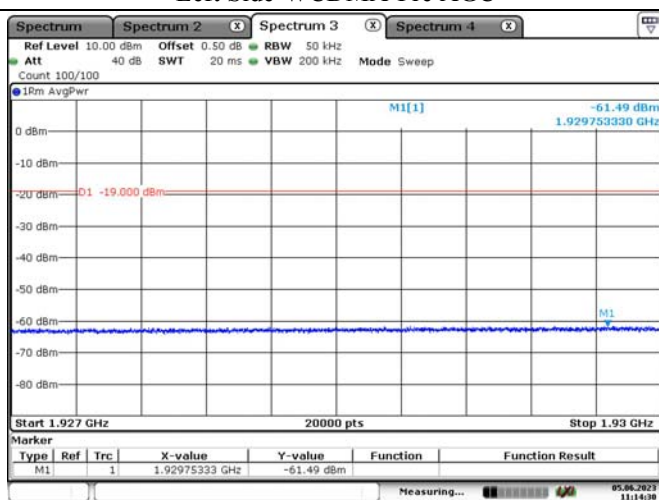
Left Side-CDMA-Pre AGC



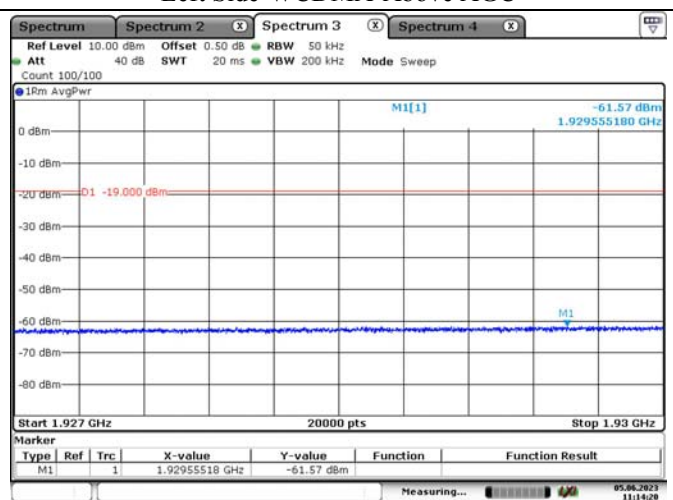
Left Side-CDMA-Above AGC



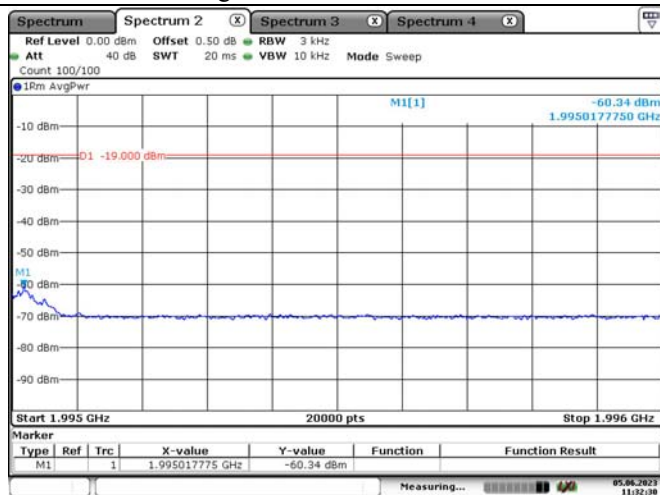
Left Side-WCDMA-Pre AGC



Left Side-WCDMA-Above AGC

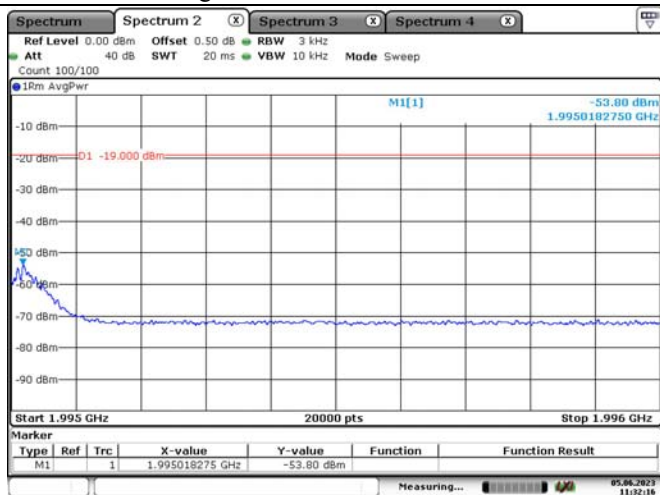


Right Side-GSM-Pre AGC



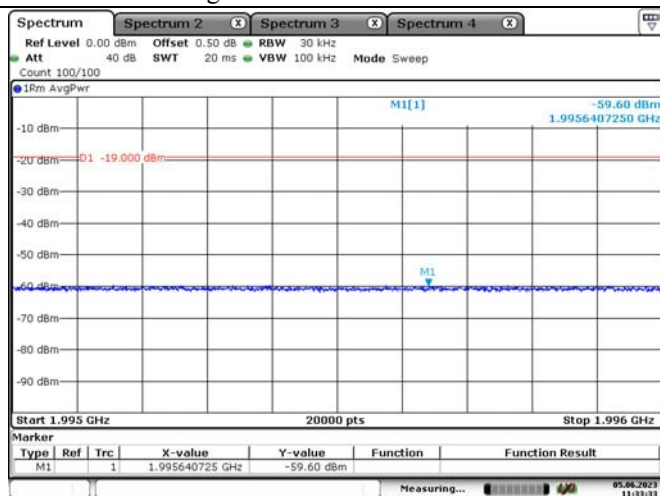
Date: 5 JUN 2023 11:32:30

Right Side-GSM-Above AGC



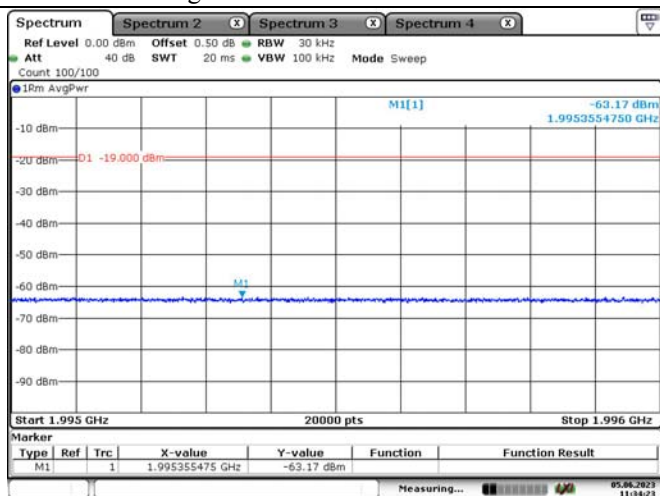
Date: 5 JUN 2023 11:32:16

Right Side-CDMA-Pre AGC



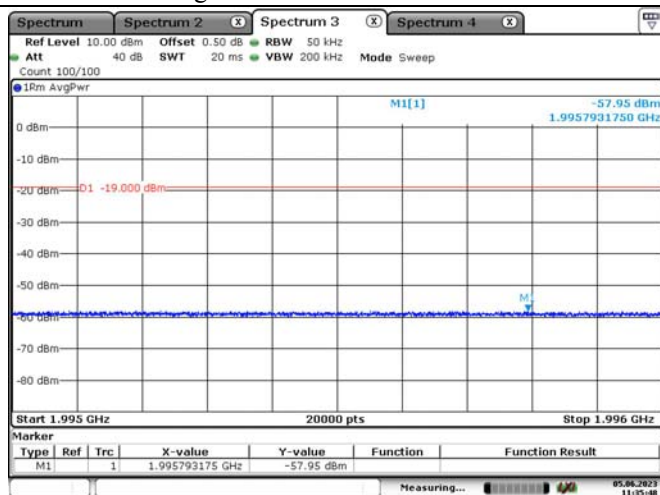
Date: 5 JUN 2023 11:33:33

Right Side-CDMA-Above AGC



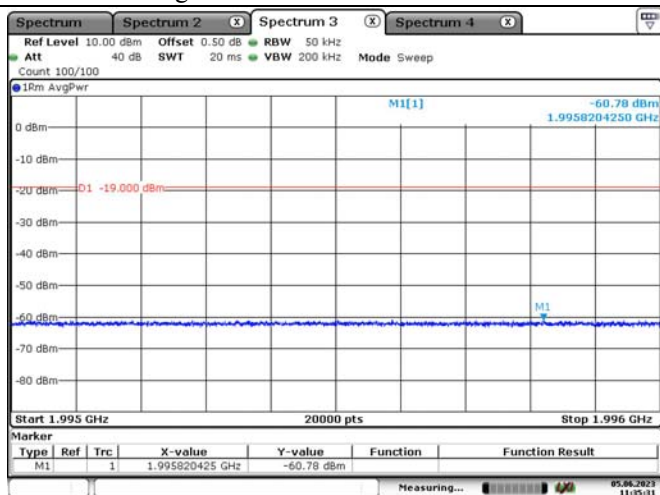
Date: 5 JUN 2023 11:34:24

Right Side-WCDMA-Pre AGC



Date: 5 JUN 2023 11:35:49

Right Side-WCDMA-Above AGC



Date: 5 JUN 2023 11:35:31

4.6 Spurious Emissions at Antenna Terminals:

Serial Number:	22X8_1	Test Date:	2023/6/5, 2024/3/14
Test Site:	RF	Test Mode:	Transmitting
Tester:	Sern Shen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.3~28.3	Relative Humidity: (%)	38~45	ATM Pressure: (kPa)	100.2~101.9
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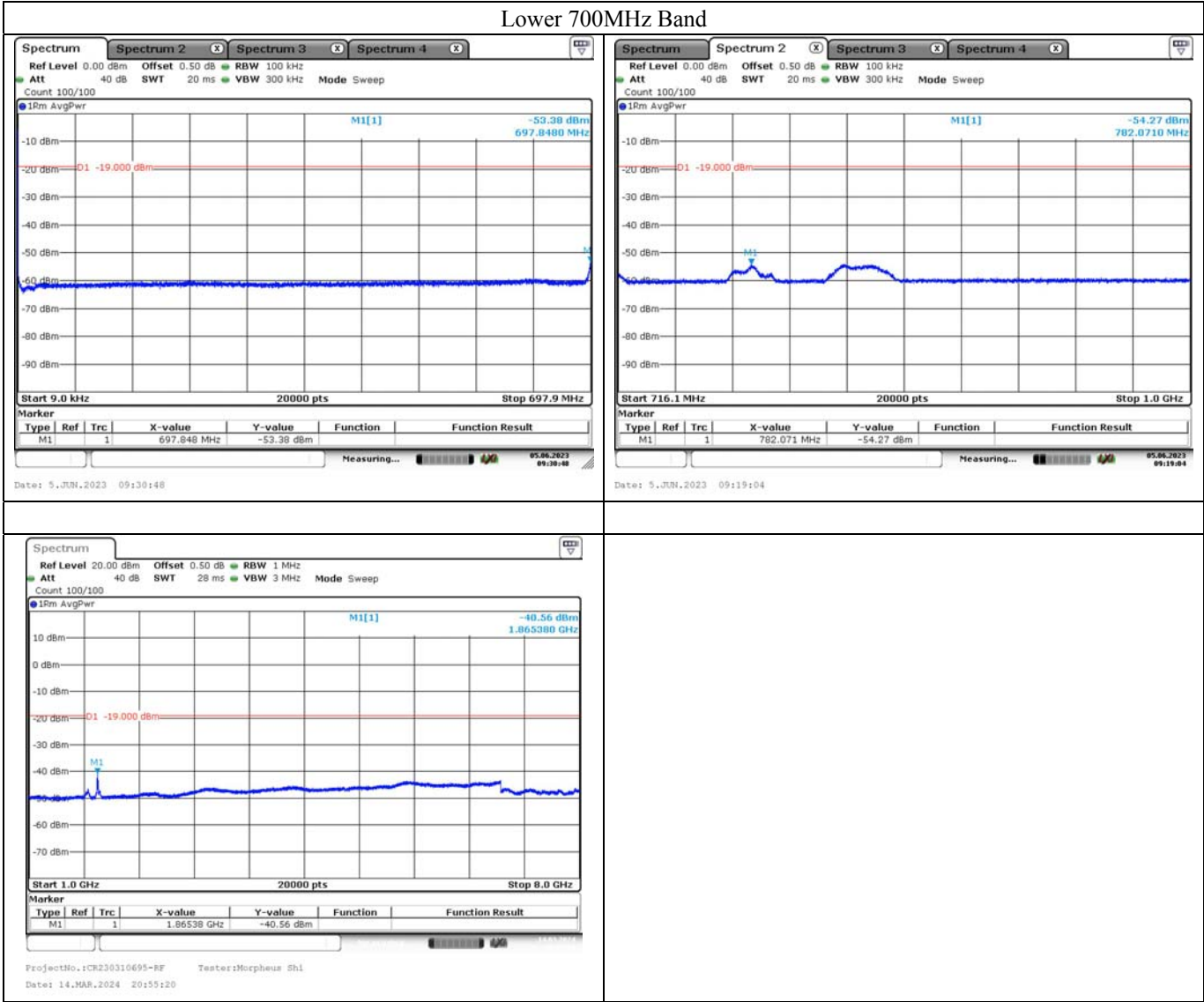
Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/7/15	2023/7/14
R&S	Spectrum Analyzer	FSV40	101474	2023/3/31	2024/3/30
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100002	Each time	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2022/4/22	2023/4/21
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

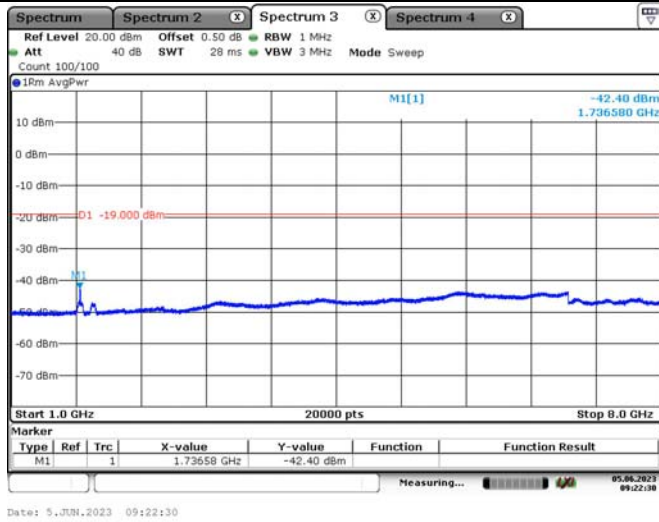
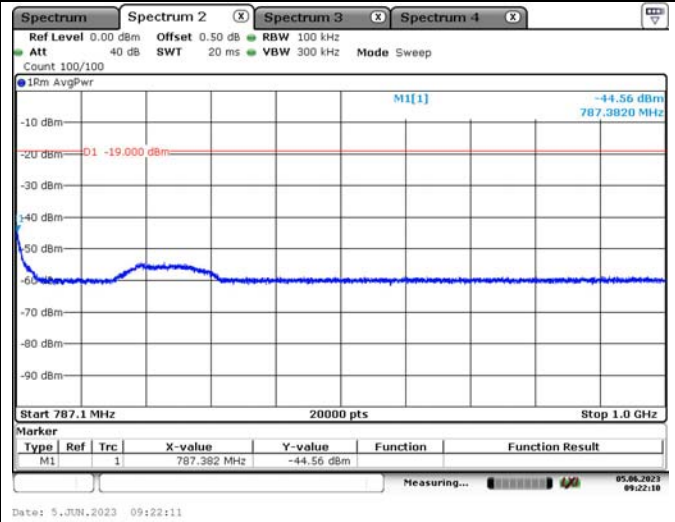
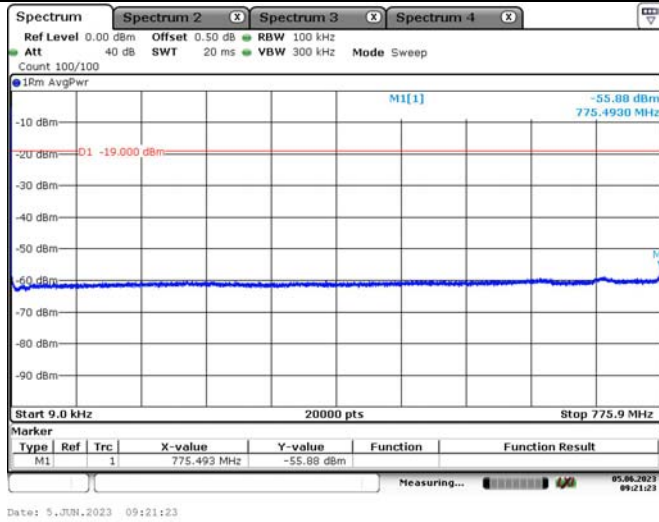
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

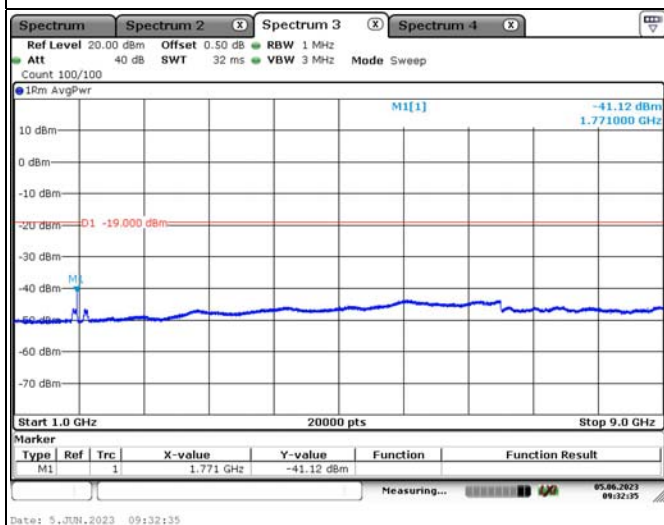
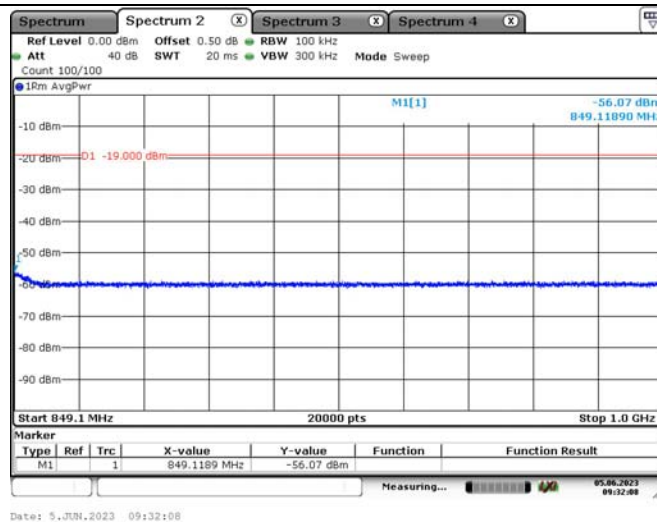
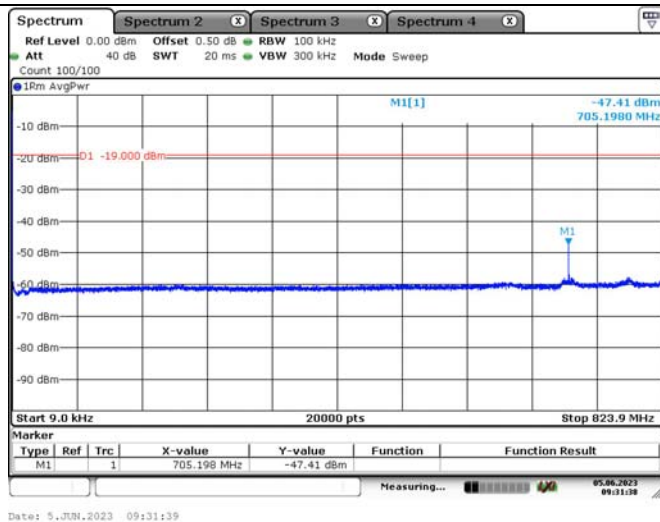
Uplink



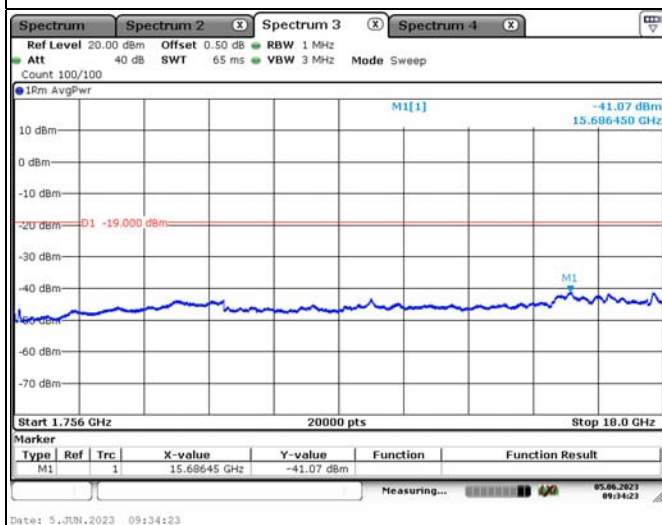
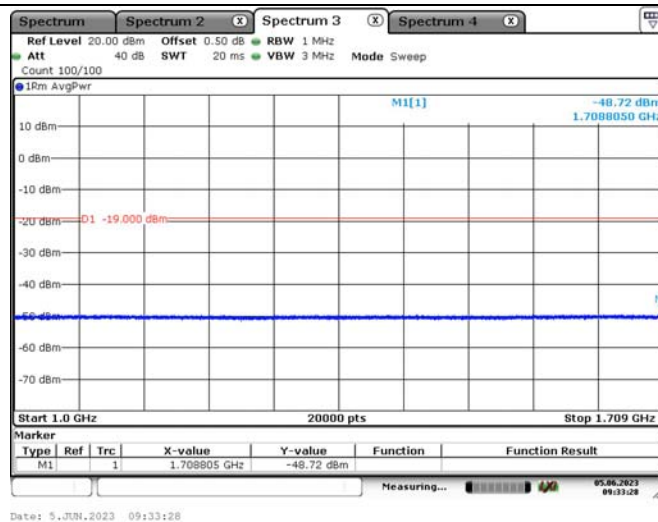
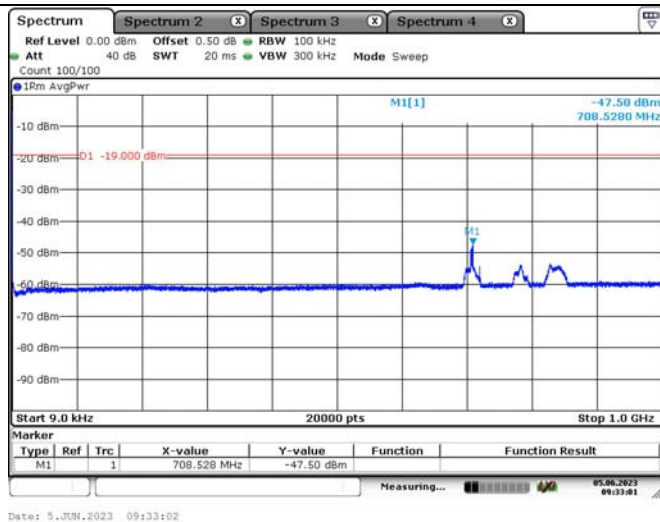
Upper 700MHz Band



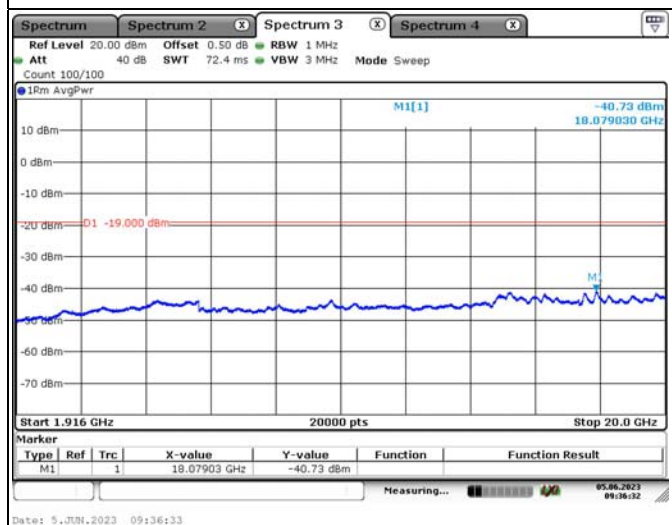
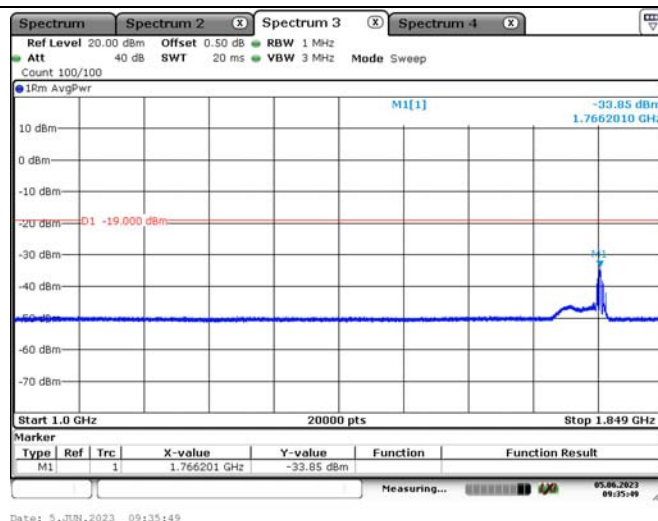
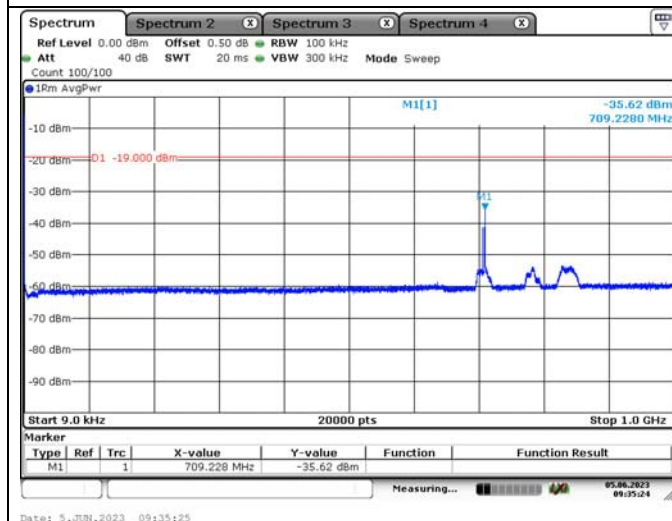
Cellular Band



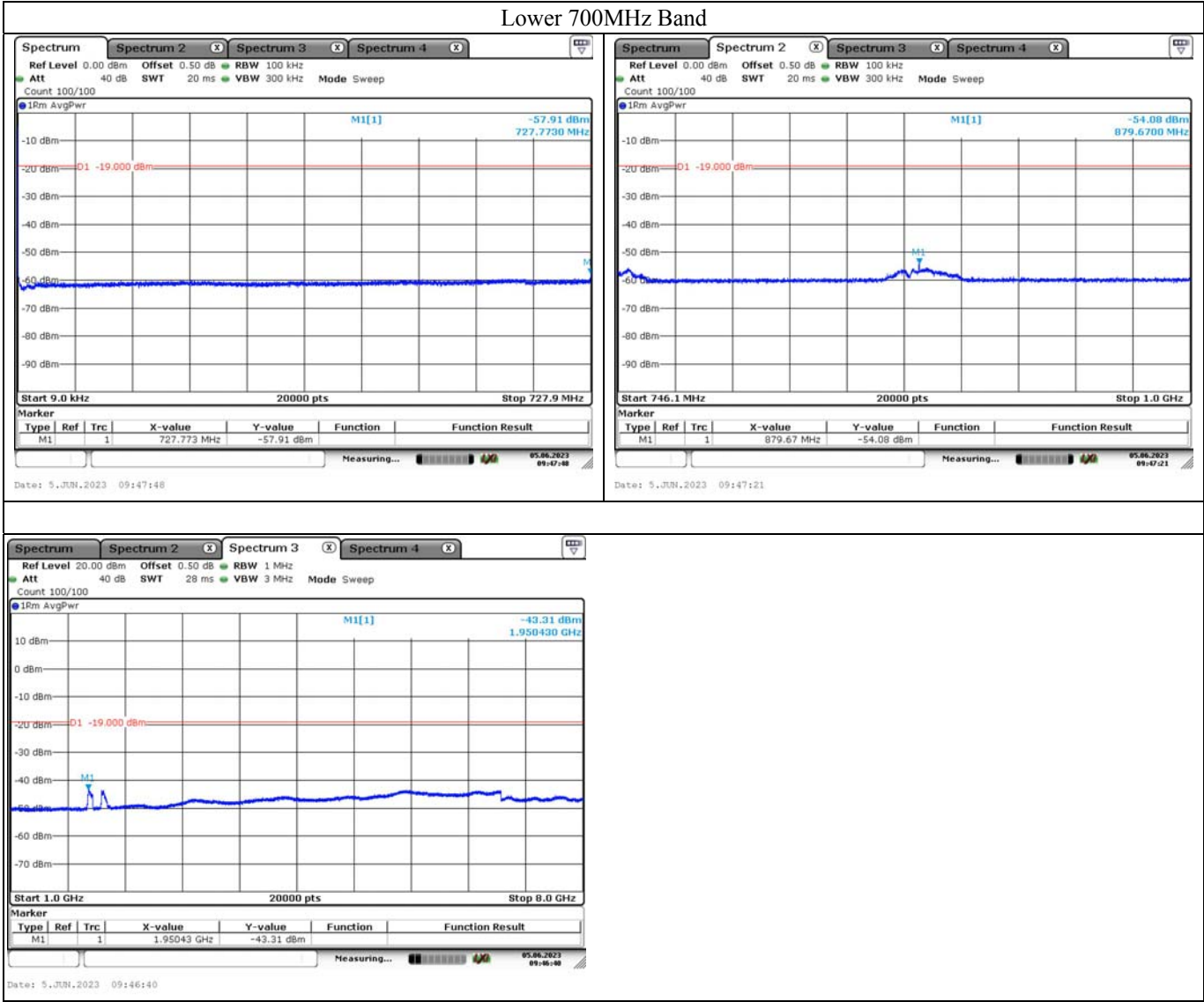
AWS-1 Band



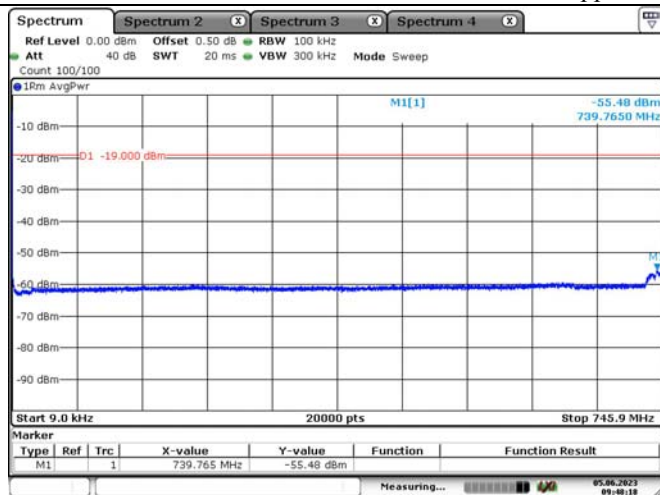
PCS Band



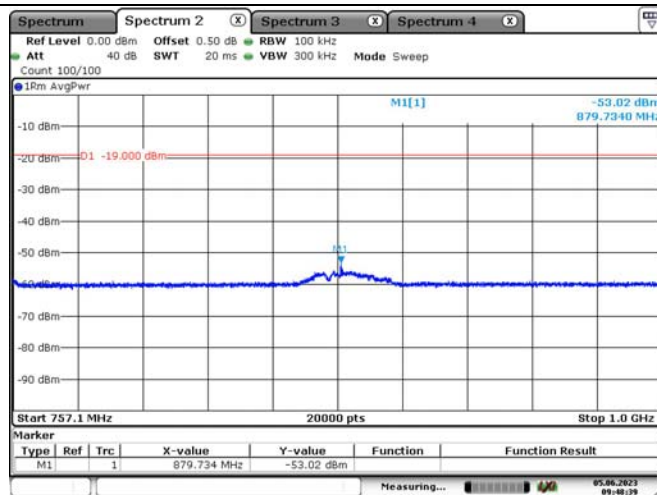
Downlink



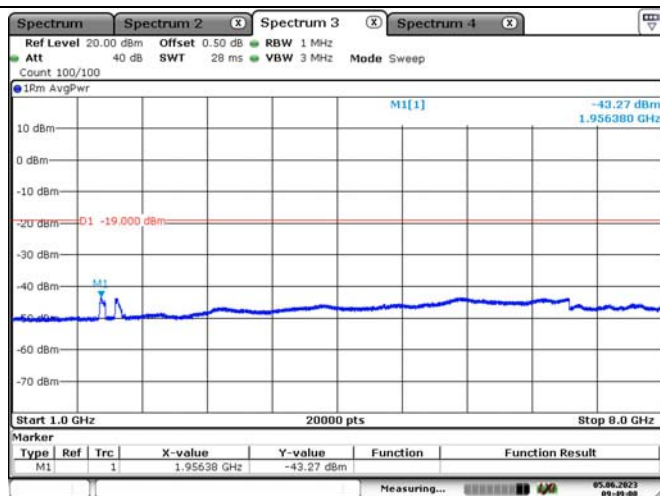
Upper 700MHz Band



Date: 5 JUN 2023 09:48:18

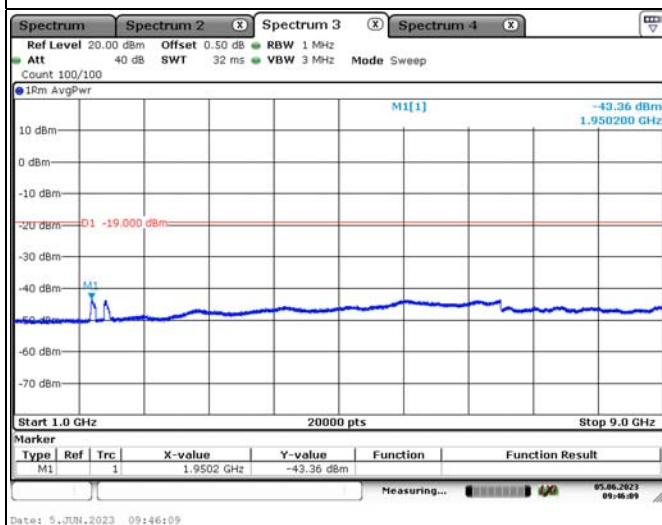
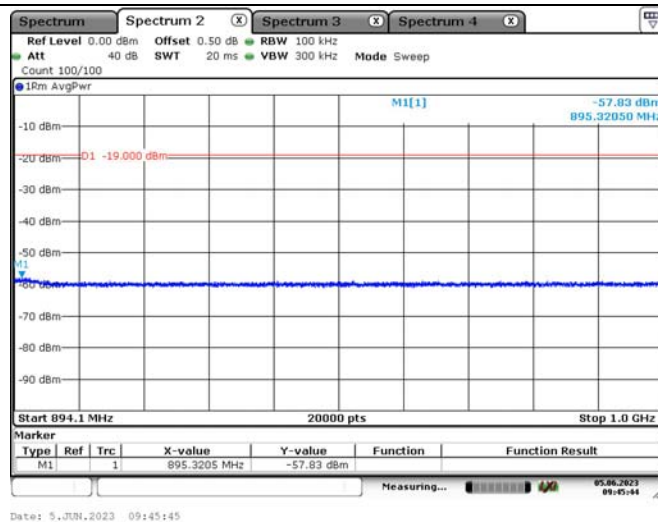
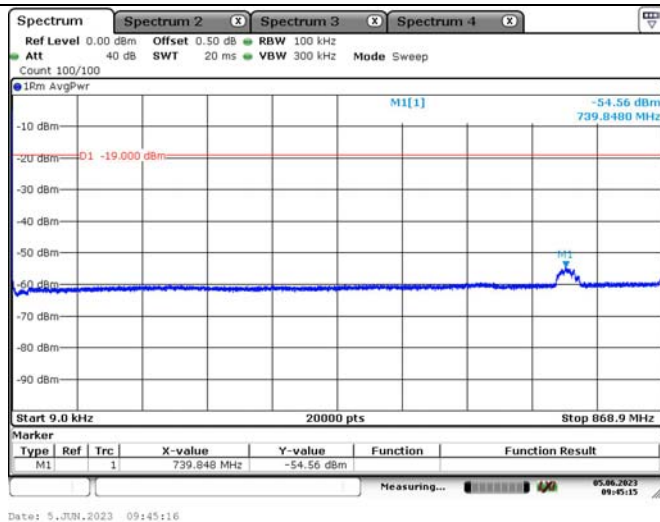


Date: 5 JUN 2023 09:48:39

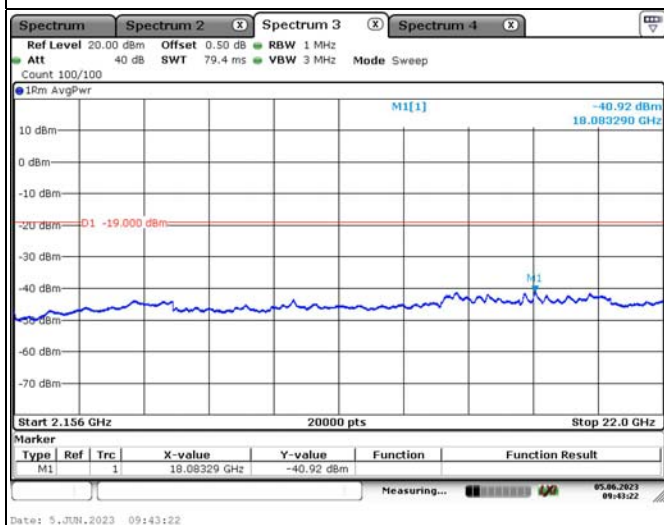
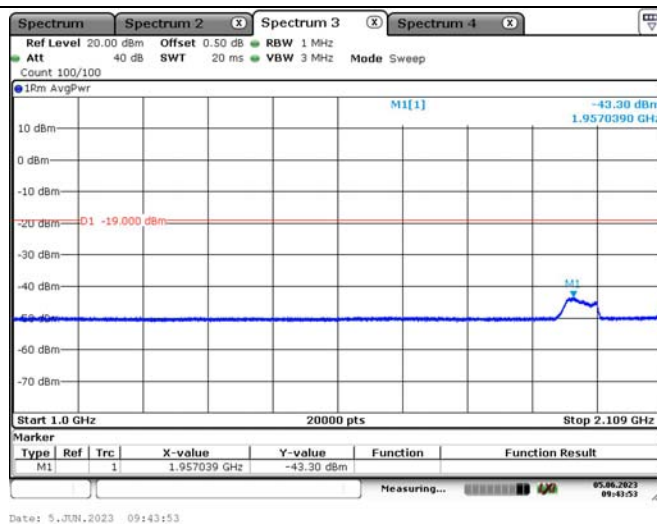
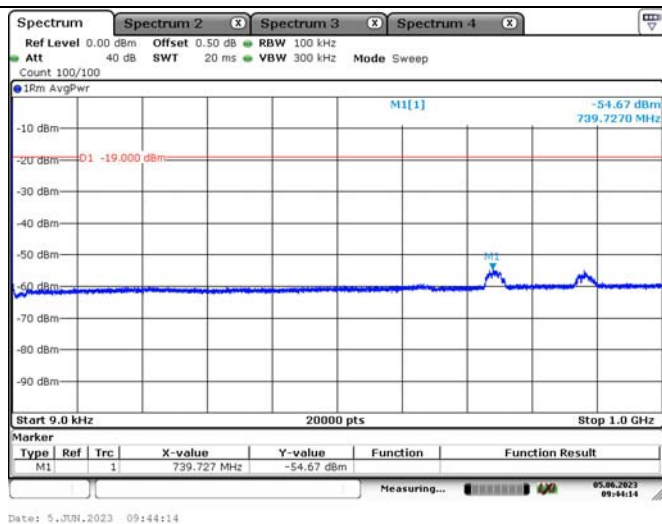


Date: 5 JUN 2023 09:49:00

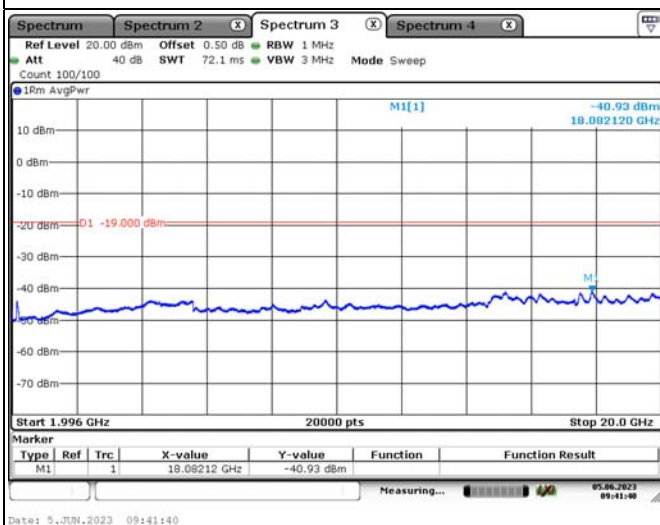
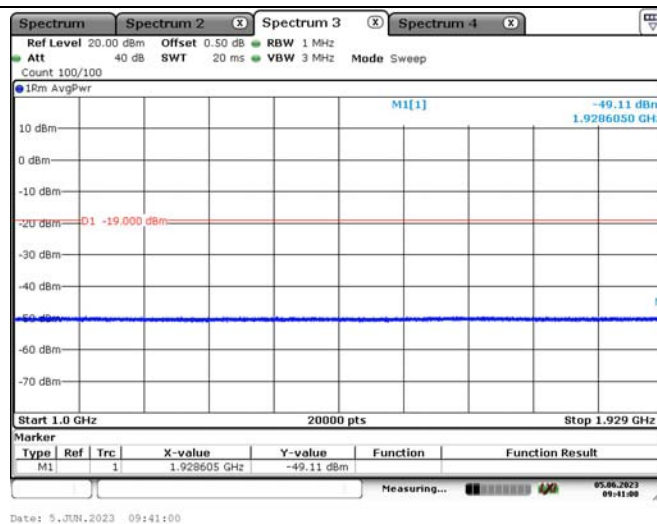
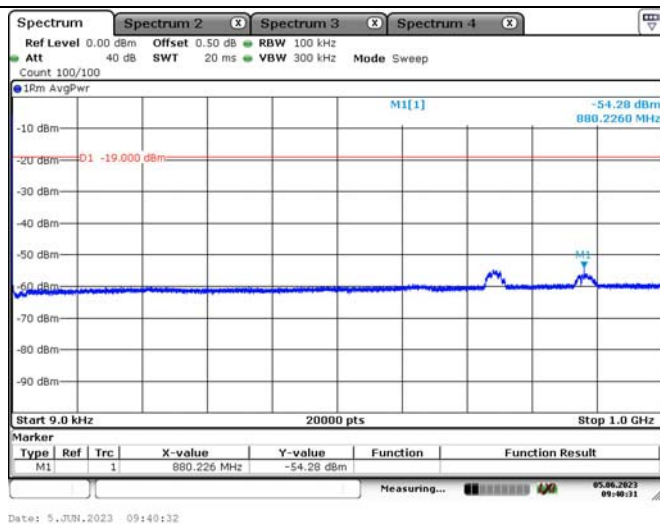
Cellular Band



AWS-1 Band



PCS Band



4.7 Noise Limits:

Serial Number:	22X8_1	Test Date:	2023/4/20~2023/4/23
Test Site:	RF	Test Mode:	Transmitting
Tester:	Sern Shen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.3~28.3	Relative Humidity: (%)	38~45	ATM Pressure: (kPa)	100.2~101.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/7/15	2023/7/14
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100002	Each time	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

Maximum Transmitter Noise Power Level

Operation Band	Uplink Noise (dBm/MHz)	Downlink Noise (dBm/MHz)	Limit (dBm/MHz)
Lower 700MHz	-47.59	-45.68	-45.51
Upper 700MHz	-47.00	-45.59	-44.64
Cellular	-45.68	-47.24	-44.05
AWS-1	-48.17	-42.57	-37.73
PCS	-52.46	-46.68	-37.01

Note:

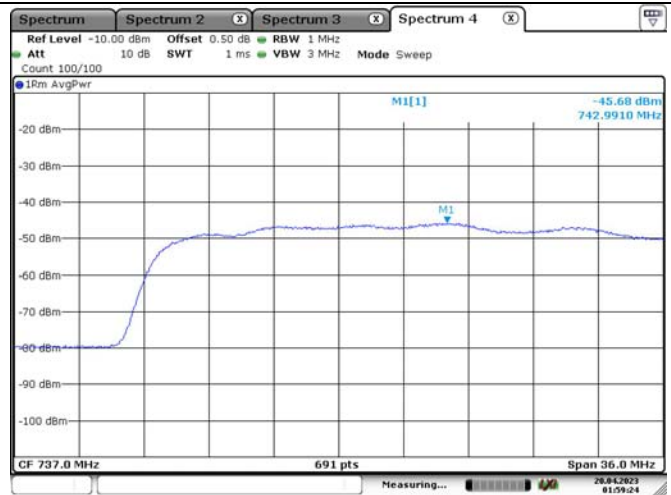
1. Mobile booster maximum noise power shall not exceed -59 dBm/MHz.
2. Fixed booster maximum noise power shall not exceed $-102.5 \text{ dBm/MHz} + 20 \text{ Log}_{10}(\text{Frequency})$, where Frequency is the uplink mid-band frequency of the supported spectrum bands in MHz.
3. Device is fixed consumer signal boosters.

Lower 700M Band-Uplink



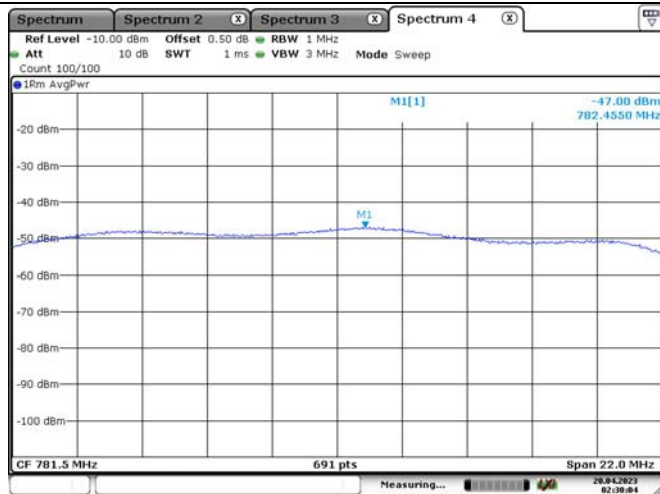
Date: 20.APR.2023 02:33:41

Lower 700M Band-Downlink



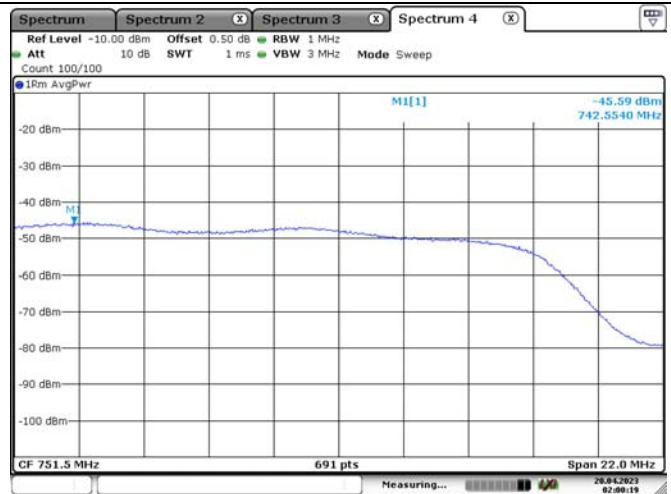
Date: 20.APR.2023 01:59:24

Upper 700M Band-Uplink



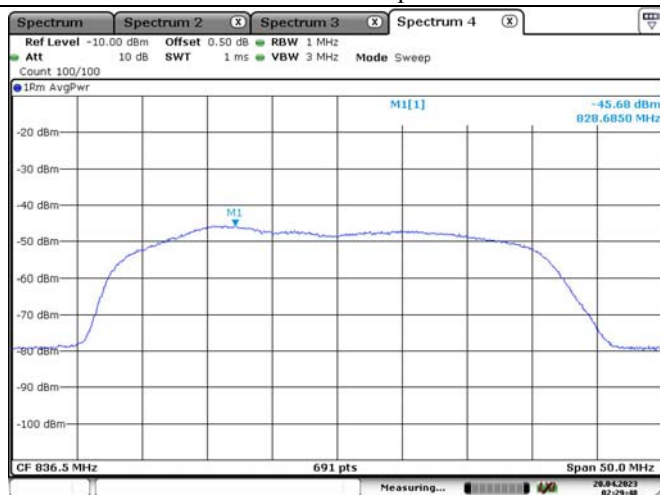
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Upper 700M Band-Downlink



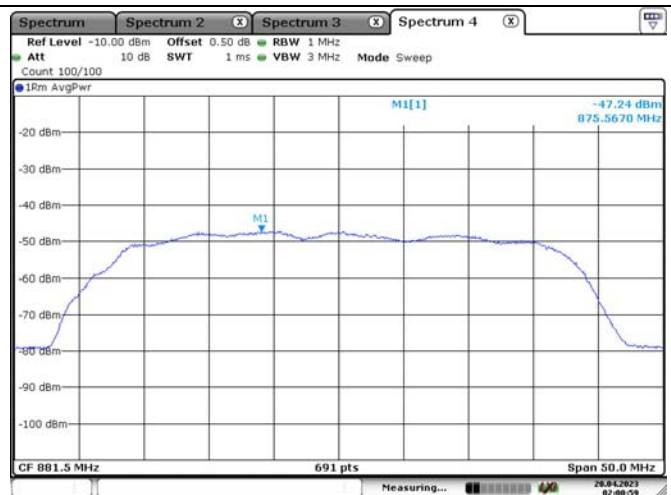
Date: 20.APR.2023 02:00:19

Cellular Band-Uplink



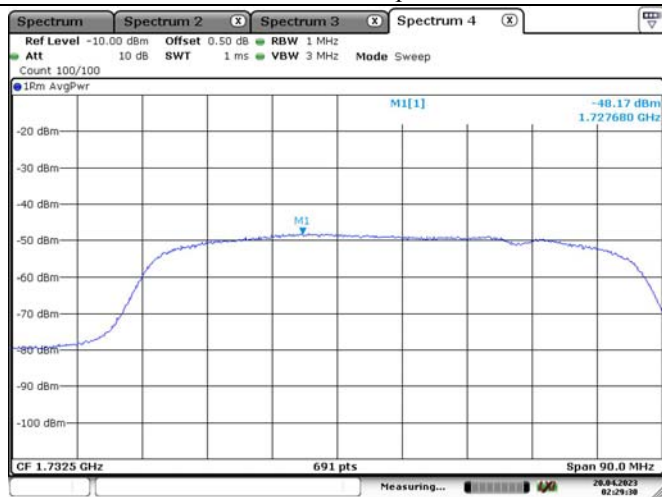
Date: 20.APR.2023 02:29:48

Cellular Band-Downlink



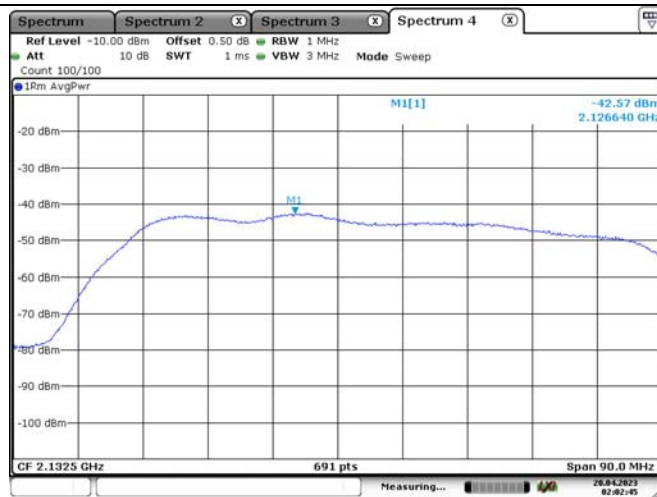
Date: 20.APR.2023 02:00:59

AWS-1 Band-Uplink



Date: 20.APR.2023 02:29:31

AWS-1 Band-Downlink



Date: 20.APR.2023 02:02:46

PCS Band-Uplink



Date: 20.APR.2023 02:35:58

PCS Band-Downlink



Date: 20.APR.2023 02:52:08

Variable Uplink Noise Limit:

Lower 700			
RSSI	Noise	Limit	Margin
dBm	dBm	dBm	dB
-90	-46.3	-45.51	0.79
-80	-46.4	-45.51	0.89
-70	-46.4	-45.51	0.84
-60	-49.6	-45.51	4.09
-57.49	-51.4	-45.51	5.89
-50.49	-57.1	-52.51	4.59
-44.49	-61.9	-58.51	3.39
-37.49	-82.4	-65.51	16.86
-33	-82.4	-70	12.44
-30	-82.5	-70	12.53
-20	-82.5	-70	12.47
-10	-82.5	-70	12.51

Upper 700			
RSSI	Noise	Limit	Margin
dBm	dBm	dBm	dB
-90	-45.6	-44.64	0.96
-80	-45.6	-44.64	0.96
-70	-45.6	-44.64	0.96
-60	-45.6	-44.64	0.96
-58.36	-46.5	-44.64	1.86
-51.36	-53.0	-51.64	1.36
-46.36	-58.7	-56.64	2.06
-38.36	-82.4	-64.64	17.72
-33	-82.5	-70	12.46
-30	-82.5	-70	12.45
-20	-82.4	-70	12.41
-10	-82.5	-70	12.52

Cellular			
RSSI	Noise	Limit	Margin
dBm	dBm	dBm	dB
-90	-45.7	-44.05	1.63
-80	-45.7	-44.05	1.62
-70	-45.8	-44.05	1.71
-60	-47.6	-44.05	3.58
-58.95	-48.8	-44.05	4.77
-51.95	-55.8	-51.05	4.79
-44.95	-62.1	-58.05	4.06
-39.95	-82.0	-63.05	18.99
-33	-82.3	-70	12.26
-30	-82.2	-70	12.15
-20	-82.2	-70	12.21
-10	-82.2	-70	12.23

AWS-1			
RSSI	Noise	Limit	Margin
dBm	dBm	dBm	dB
-90	-45.1	-37.73	7.33
-80	-45.3	-37.73	7.53
-70	-45.3	-37.73	7.59
-65.27	-45.1	-37.73	7.41
-60.27	-45.2	-42.73	2.51
-50.27	-53.9	-52.73	1.19
-43.27	-63.4	-59.73	3.66
-33	-81.1	-70	11.11
-30	-81.3	-70	11.28
-20	-81.3	-70	11.26
-10	-81.2	-70	11.2

PCS			
RSSI	Noise	Limit	Margin
dBm	dBm	dBm	dB
-90	-44.0	-37.01	7.03
-80	-44.4	-37.01	7.42
-70	-44.6	-37.01	7.59
-65.99	-44.4	-37.01	7.34
-60.99	-43.7	-42.01	1.69
-52.99	-51.2	-50.01	1.19
-43.99	-60.2	-59.01	1.23
-33	-80.9	-70	10.9
-30	-81.0	-70	11.02
-20	-81.0	-70	11.01
-10	-81.0	-70	10.95

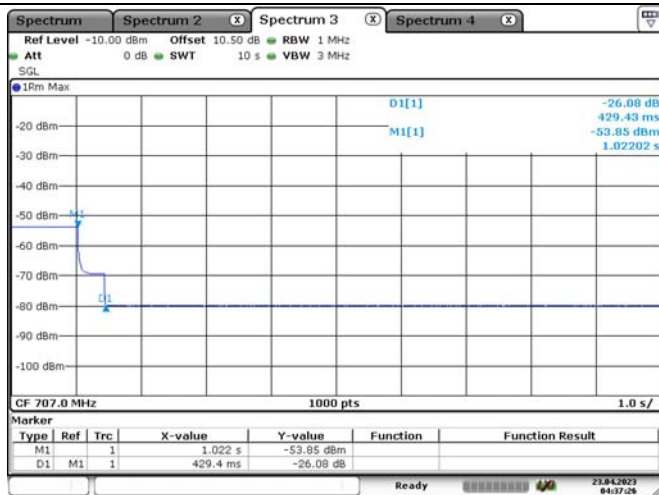
Note:

According to KDB 935210 D03 Signal Booster Measurements v04r04 Annex D, the Variable uplink Noise limit is $-103 \text{ dBm/MHz} - \text{RSSI}$ in RSSI-Dependent Region, out of RSSI-Dependent Region, it is $-102.5 \text{ dBm/MHz} + 20 \text{ Log}_{10}(\text{Frequency})$, where Frequency is the uplink mid-band frequency of the supported spectrum bands in MHz..

Variable Uplink Noise Timing:

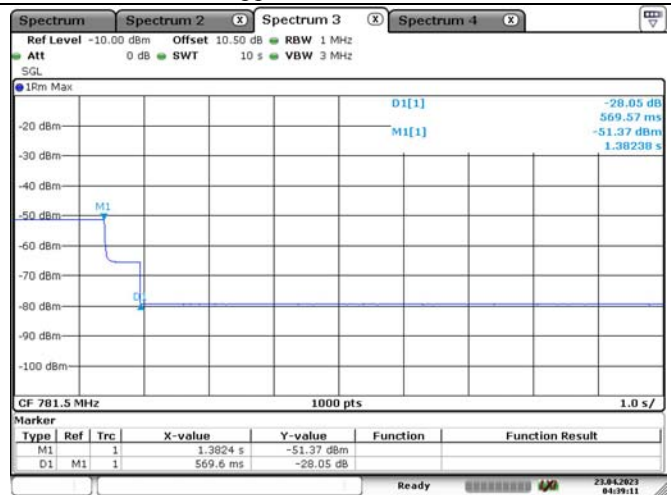
Operating Band	Measured Value	Limit
	s	s
Lower 700MHz	0.429	3
Upper 700MHz	0.570	3
Cellular	0.750	3
AWS-1	0.069	3
PCS	0.449	3

Lower 700MHz Band



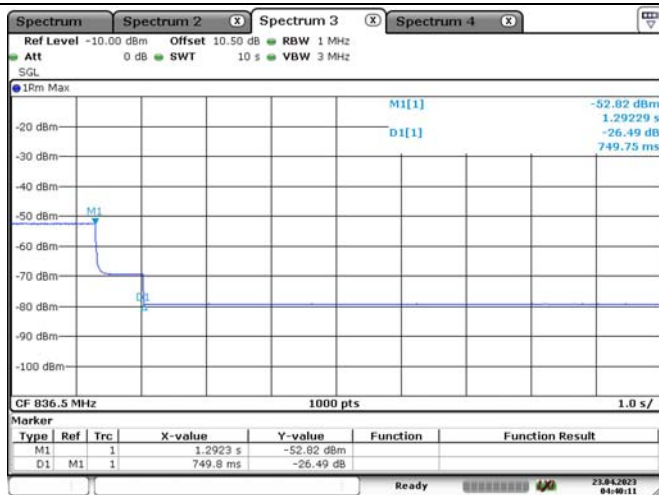
Date: 23.APR.2023 04:37:26

Upper 700MHz Band



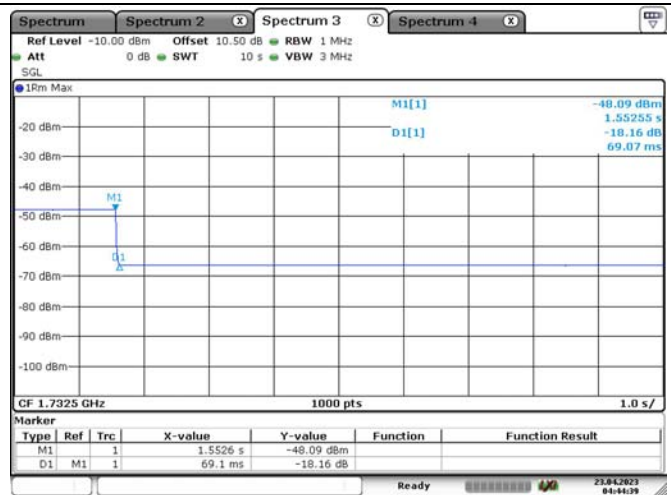
Date: 23.APR.2023 04:39:11

Cellular Band



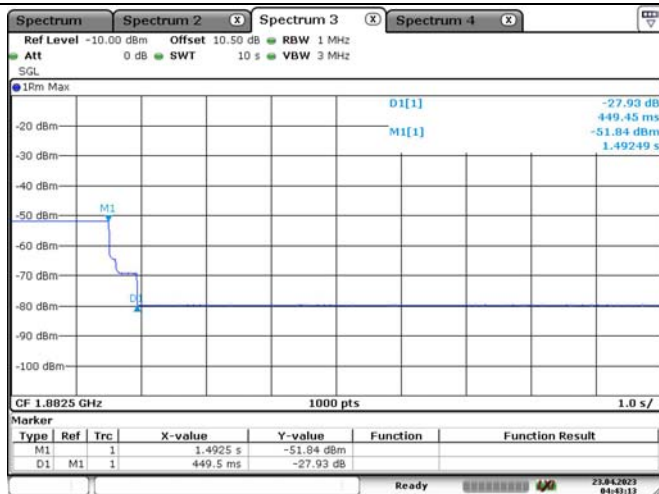
Date: 23.APR.2023 04:40:12

AWS-1 Band



Date: 23.APR.2023 04:44:40

PCS Band



Date: 23.APR.2023 04:43:13

4.8 Uplink Inactivity:

Serial Number:	22X8_1	Test Date:	2023/6/3
Test Site:	RF	Test Mode:	Transmitting
Tester:	Sern Shen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.3~28.3	Relative Humidity: (%)	38~45	ATM Pressure: (kPa)	100.2~101.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/7/15	2023/7/14
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100002	Each time	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

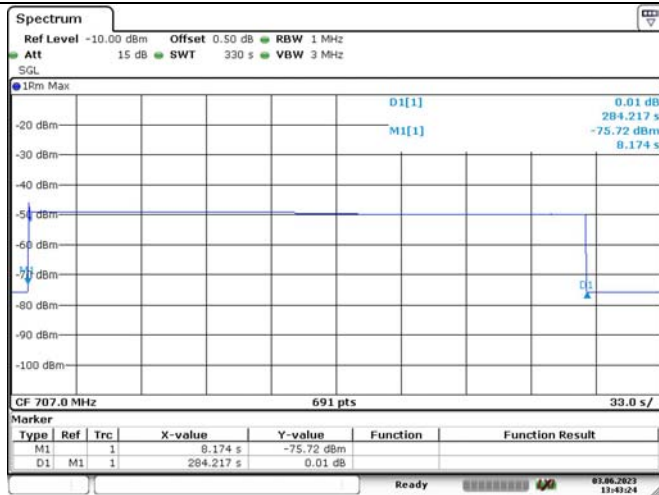
* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Operation Band	Measured value	Limit
	s	s
Lower 700MHz	284.22	300
Upper 700MHz	283.61	
Cellular	283.13	
AWS-1	283.61	
PCS	283.13	

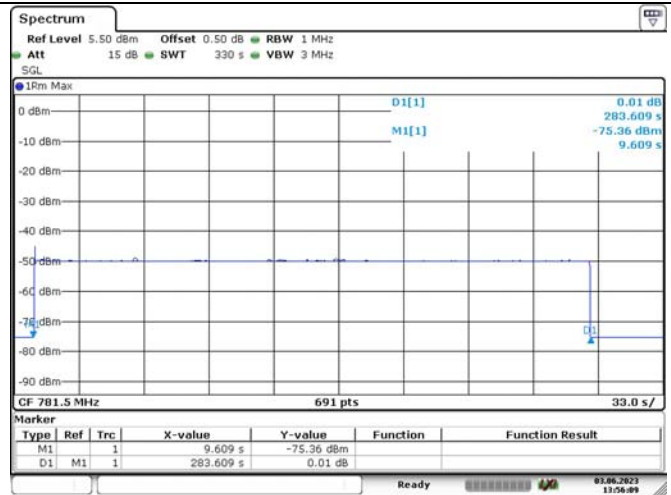
Note: When the consumer booster is not serving an active device connection after 5 minutes the uplink noise power not exceed -70 dBm/MHz.

Lower 700MHz Band



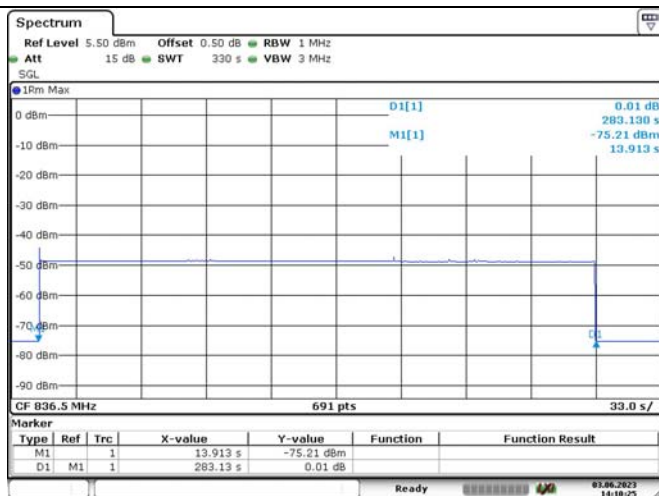
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Upper 700MHz Band



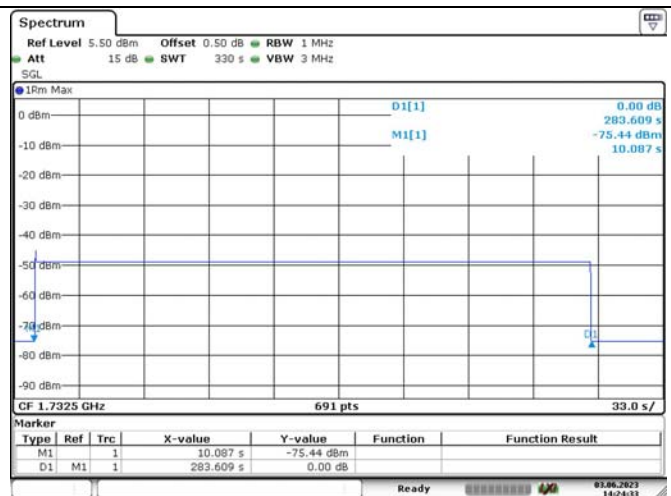
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Cellular Band



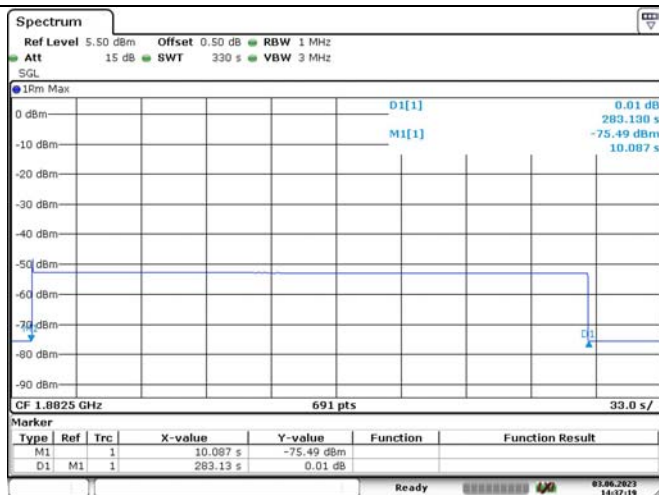
Date: 3.JUN.2023 14:10:26

AWS-1 Band



Date: 3.JUN.2023 14:24:33

PCS Band



Date: 3.JUN.2023 14:37:20

4.9 Variable Booster Gain:

Serial Number:	22X8_1	Test Date:	2023/4/14~2023/12/27
Test Site:	RF	Test Mode:	Transmitting
Tester:	Sern Shen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.3~28.3	Relative Humidity: (%)	38~45	ATM Pressure: (kPa)	100.2~101.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/7/15	2023/7/14
R&S	Spectrum Analyzer	FSV40	101474	2023/3/31	2024/3/30
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100002	Each time	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2022/4/22	2023/4/21
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:**MSCL Calculation:**

Operation Bands	Frequency	Distance	Path Loss	Inside Cable Loss	Inside Antenna Gain	MSCL
	MHz	m	dB	(dB)	(dBi)	
Lower 700MHz	707	3	39.03	0.38	4.81	34.60
Upper 700MHz	781.5	3	39.90	0.39	3.90	36.39
Cellular	836.5	3	40.49	0.41	5.81	35.09
AWS-1	1732.5	3	46.82	1.10	7.35	40.57
PCS	1882.5	3	47.54	1.15	7.13	41.56

Note:

1. Path loss = $20\log f + 20\log d - 27.5$ (dB)

f = frequency is the uplink mid-band frequency of the supported spectrum bands in MHz

d = minimum separation distance between the mobile device and booster server antenna

2. MSCL = Path loss + Indoor Cable Loss - Mobile Antenna Gain (0dBi) - Indoor Antenna Gain

The Inside Cable Loss was including in the inside Antenna Gain;

The Minimum MSCL was calculated and used according to the User Manual;

Variable Booster Gain:

Operation Bands	RSSI	P _{in}	P _{out}	Measured Value	MSCL	Limit	Margin
	dBm	dBm	dBm	dB	dB	dB	dB
Lower 700MHz	-90	-47.6	13.35	60.95	34.60	63.49	2.54
	-80	-47.6	13.31	60.91	34.60	63.49	2.58
	-62.89	-47.6	13.03	60.63	34.60	63.49	2.86
	-52	-47.6	-6.36	41.24	34.60	52.60	11.36
	-45	-47.6	-14.35	33.25	34.60	45.60	12.35
	-22.40	-47.6	-35.26	12.34	34.60	23.00	10.66
	-20	-47.6	-37.81	9.79	34.60	23.00	13.21
Upper 700MHz	-10	-47.6	-37.89	9.71	34.60	23.00	13.29
	-90	-43.2	15.96	59.16	36.39	64.36	5.20
	-80	-43.2	15.92	59.12	36.39	64.36	5.24
	-61.97	-43.2	16.07	59.27	36.39	64.36	5.09
	-60	-43.2	7.63	50.83	36.39	62.39	11.56
	-49	-43.2	-13.31	29.89	36.39	51.39	21.50
	-20.61	-43.2	-31.96	11.24	36.39	23.00	11.76
Cellular	-20.00	-43.2	-32.14	11.06	36.39	23.00	11.94
	-10	-43.2	-32.33	10.87	36.39	23.00	12.13
	-90	-42.9	16.32	59.22	35.09	64.95	5.73
	-80	-42.9	16.45	59.35	35.09	64.95	5.60
	-63.86	-42.9	16.27	59.17	35.09	64.95	5.78
	-59	-42.9	4.66	47.56	35.09	60.09	12.53
	-47	-42.9	-16.25	26.65	35.09	48.09	21.44
AWS-1	-21.91	-42.9	-32.33	10.57	35.09	23.00	12.43
	-20.00	-42.9	-32.42	10.48	35.09	23.00	12.52
	-10	-42.9	-32.25	10.65	35.09	23.00	12.35
	-90	-43.5	14.25	57.75	40.57	71.27	13.52
	-80	-43.5	14.31	57.81	40.57	71.27	13.46
	-64.70	-43.5	14.29	57.79	40.57	71.27	13.48
	-52	-43.5	-1.36	42.14	40.57	58.57	16.43
PCS	-48	-43.5	-6.29	37.21	40.57	54.57	17.36
	-16.43	-43.5	-33.36	10.14	40.57	23.00	12.86
	-10	-43.5	-33.25	10.25	40.57	23.00	12.75
	-90	-39.8	15.26	55.06	41.56	71.99	16.93
	-80	-39.8	15.45	55.25	41.56	71.99	16.74
	-64.43	-39.8	15.33	55.13	41.56	71.99	16.86
	-53.00	-39.8	1.45	41.25	41.56	60.56	19.31
	-49	-39.8	-4.01	35.79	41.56	56.56	20.77
	-15.44	-39.8	-28.52	11.28	41.56	23.00	11.72
	-10	-39.8	-28.37	11.43	41.56	23.00	11.57

Note: According to KDB 935210 D03 Signal Booster Measurements v04r04 Annex D

1. For Mobile Booster, Variable booster gain Limit: -34 dB - RSSI + MSCL in RSSI-Dependent Region, out of RSSI-Dependent Region, it is 50 dB when MSCL = 20dB.

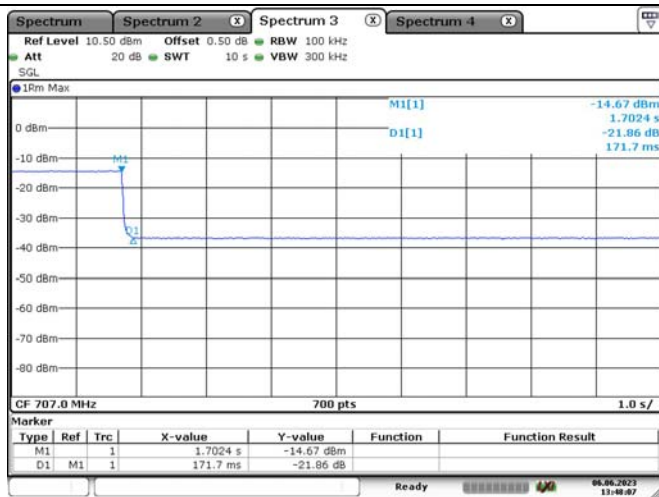
2. For Fixed Booster, Variable booster gain Limit: -34 dB - RSSI + MSCL.

Variable Gain Timing:

Operation Band	Measured Value (s)	Limit (s)
Lower 700MHz	0.1717	3
Upper 700MHz	0.7725	3
Cellular	0.2289	3
AWS-1	0.6009	3
PCS	0.1717	3

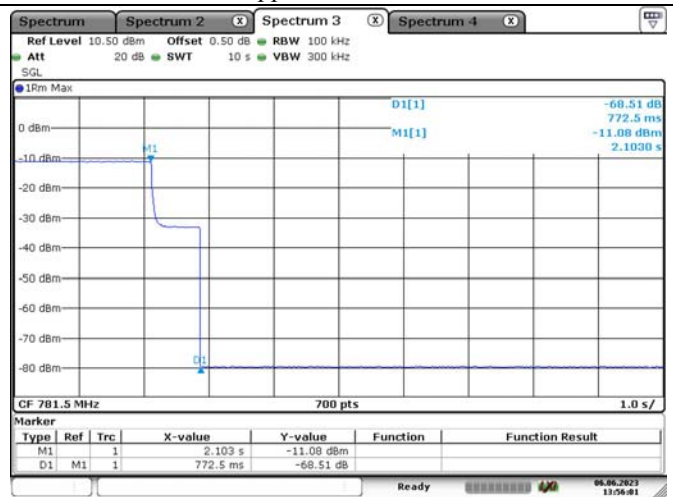
Note: The uplink noise decreases to the specified level within 3 seconds for fixed devices.

Lower 700M Band



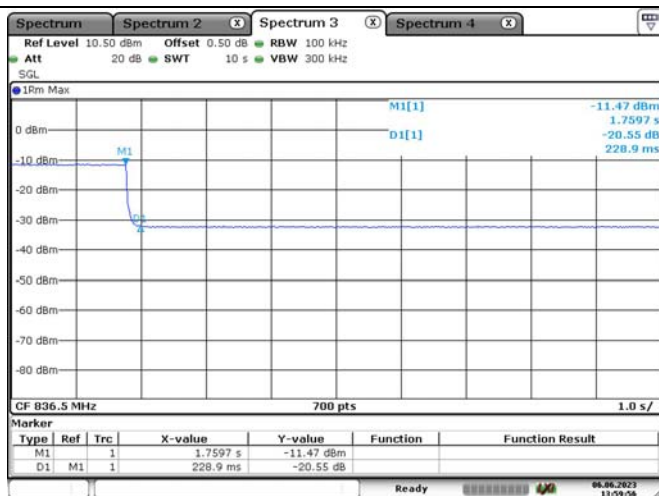
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Upper 700M Band



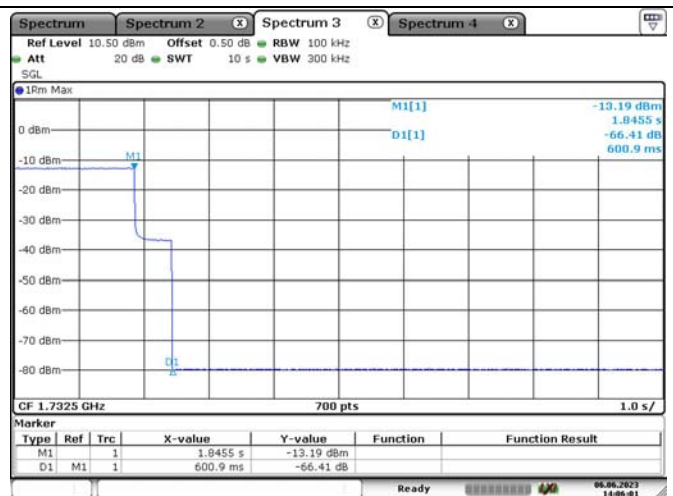
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Cellular Band



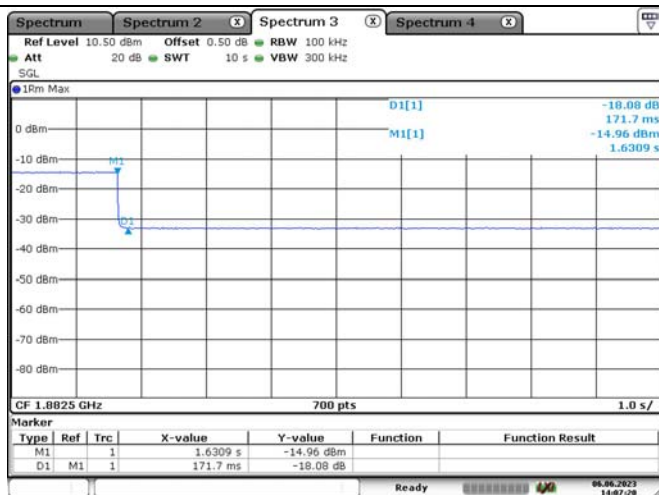
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AWS-1 Band



Date: 6.JUN.2023 14:06:02

PCS Band



Date: 6.JUN.2023 14:07:21

4.10 Occupied Bandwidth:

Serial Number:	22X8_1	Test Date:	2023/6/4
Test Site:	RF	Test Mode:	Transmitting
Tester:	Sern Shen	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.3~28.3	Relative Humidity: (%)	38~45	ATM Pressure: (kPa)	100.2~101.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2022/7/15	2023/7/14
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100002	Each time	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

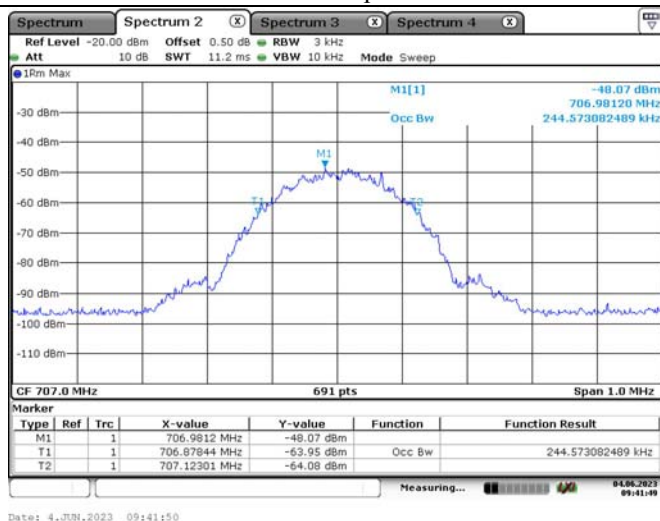
Test Data:

Mode	Operation Band	Signal Type	Input	Output
			MHz	MHz
Uplink	Lower 700MHz	GSM	0.245	0.246
		CDMA	1.185	1.185
		WCDMA	4.110	4.110
	Upper 700MHz	GSM	0.247	0.246
		CDMA	1.190	1.194
		WCDMA	4.110	4.110
	Cellular	GSM	0.247	0.246
		CDMA	1.194	1.194
		WCDMA	4.110	4.124
	AWS-1	GSM	0.246	0.246
		CDMA	1.185	1.194
		WCDMA	4.139	4.110
	PCS	GSM	0.246	0.246
		CDMA	1.190	1.190
		WCDMA	4.124	4.110
Downlink	Lower 700MHz	GSM	0.250	0.246
		CDMA	1.194	1.190
		WCDMA	4.226	4.124
	Upper 700MHz	GSM	0.252	0.246
		CDMA	1.198	1.190
		WCDMA	4.240	4.067
	Cellular	GSM	0.252	0.246
		CDMA	1.203	1.185
		WCDMA	4.240	4.096
	AWS-1	GSM	0.253	0.246
		CDMA	1.194	1.190
		WCDMA	4.240	4.110
	PCS	GSM	0.252	0.246
		CDMA	1.194	1.185
		WCDMA	4.226	4.110

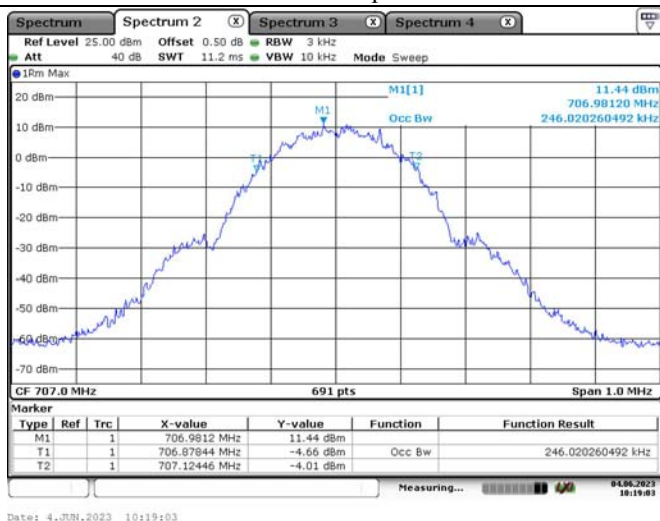
Uplink:

Lower 700M Band

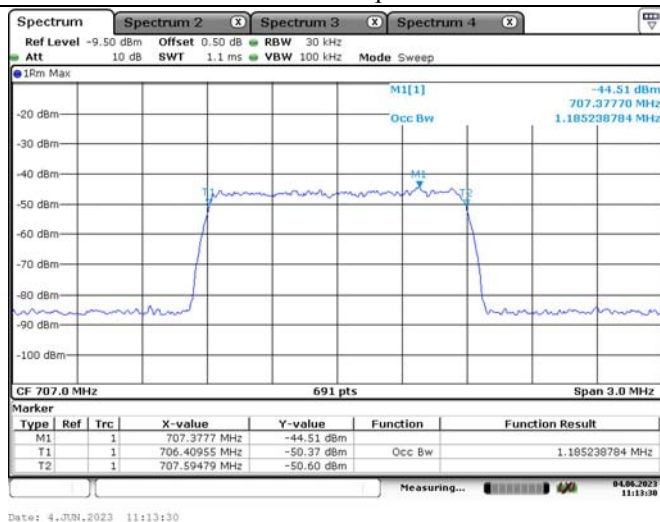
GSM-Input



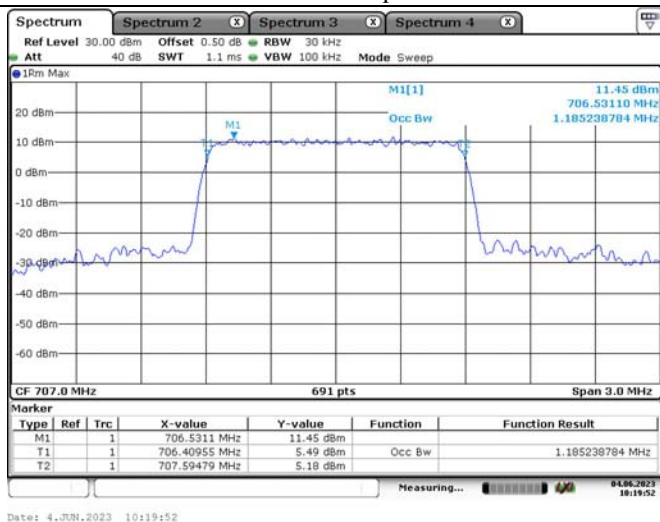
GSM-Output



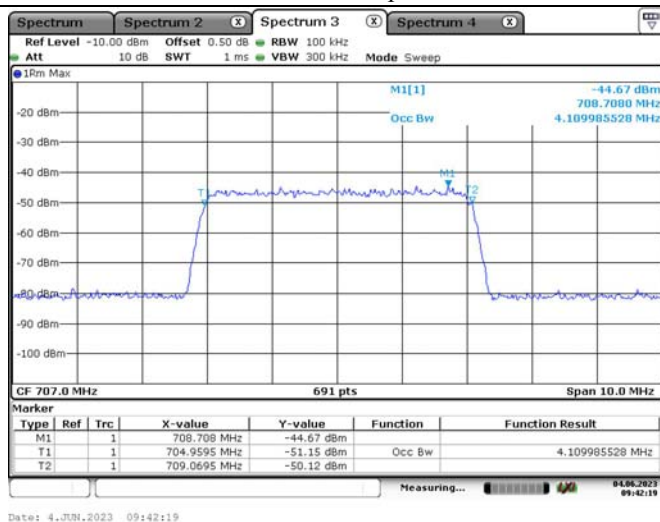
CDMA-Input



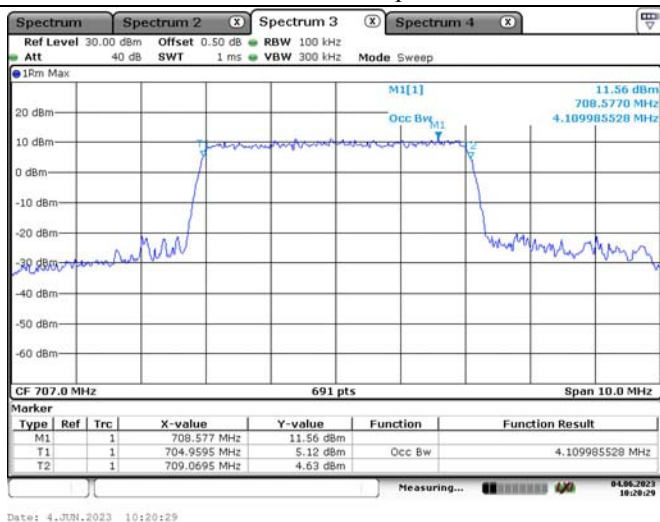
CDMA-Output



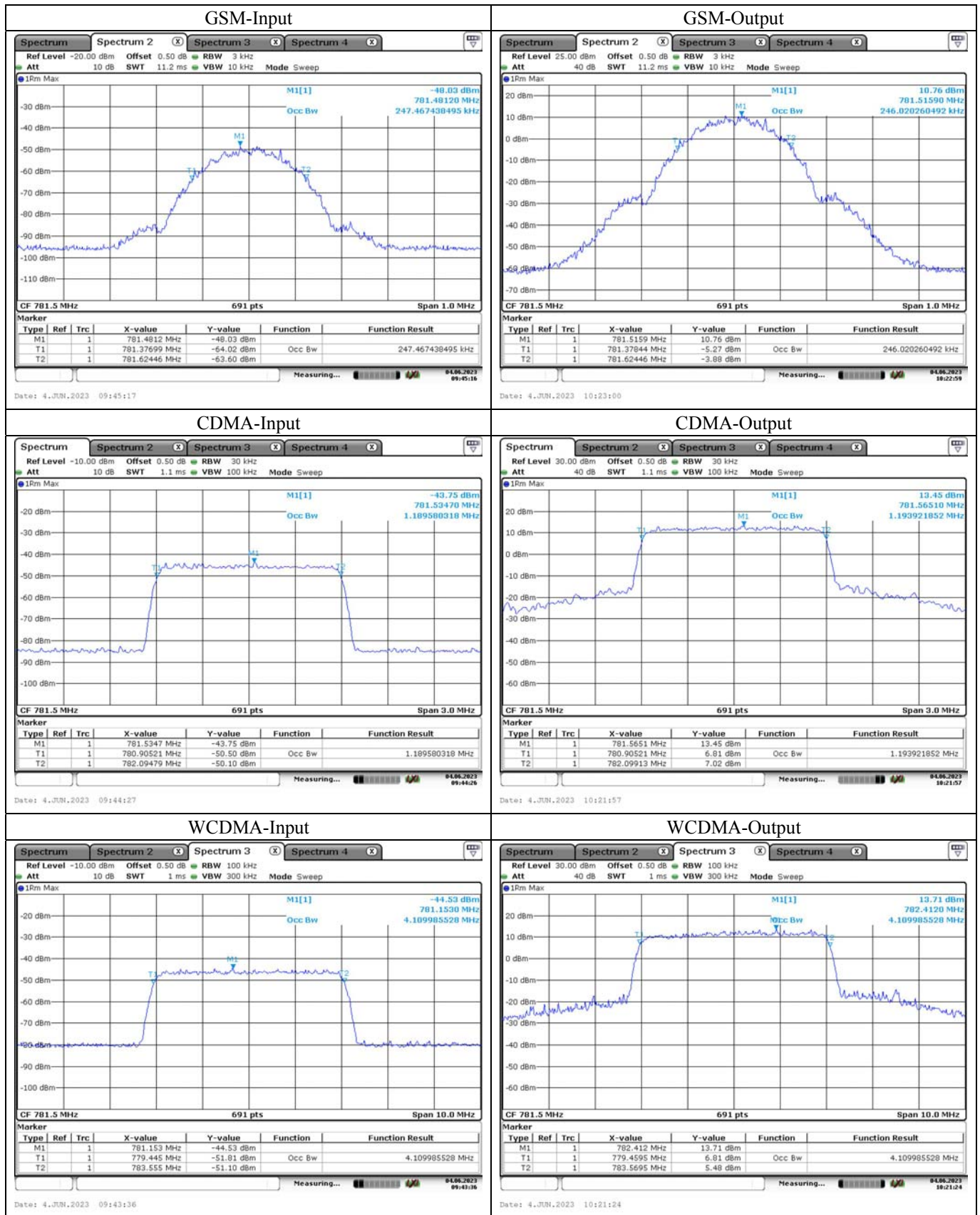
WCDMA-Input



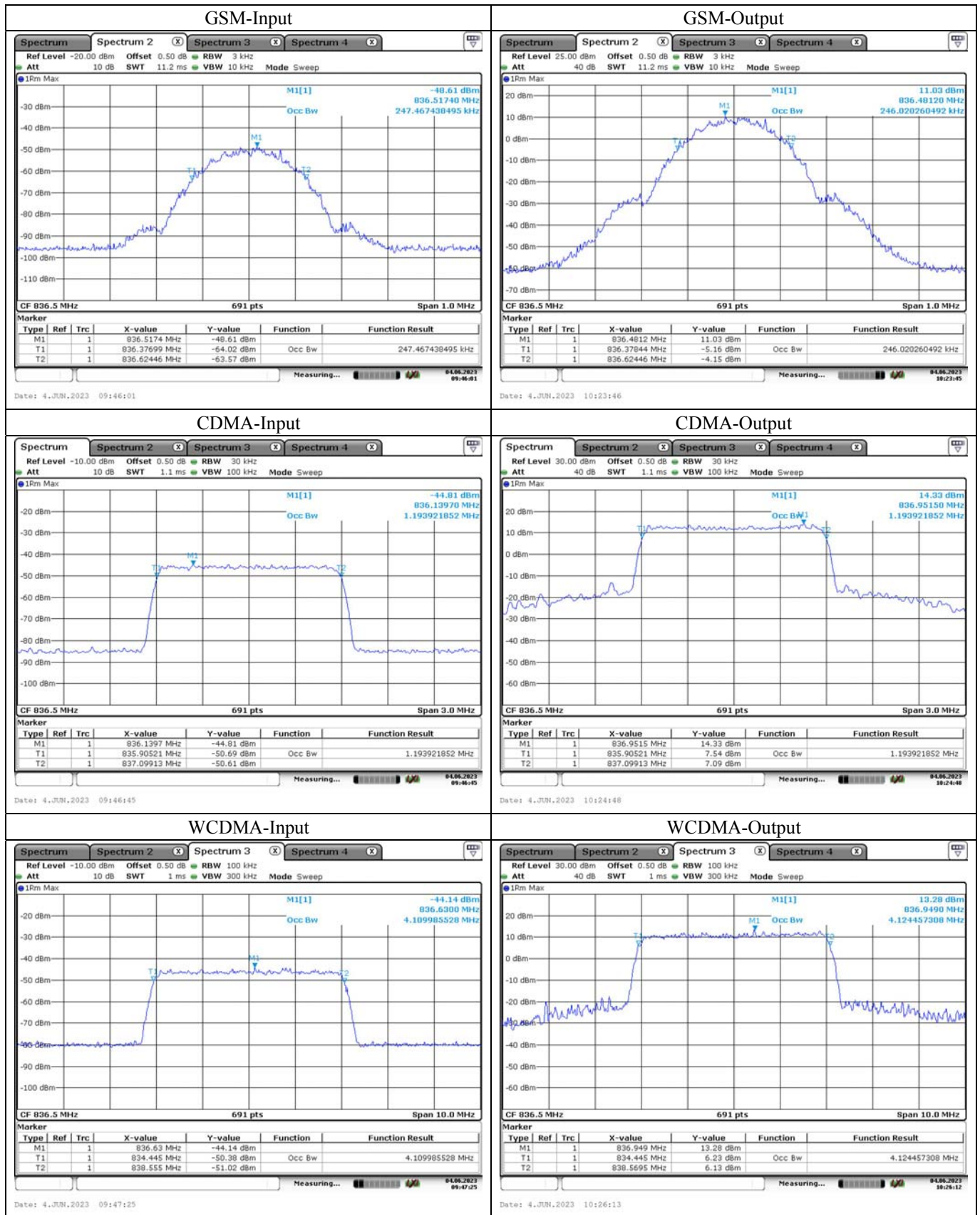
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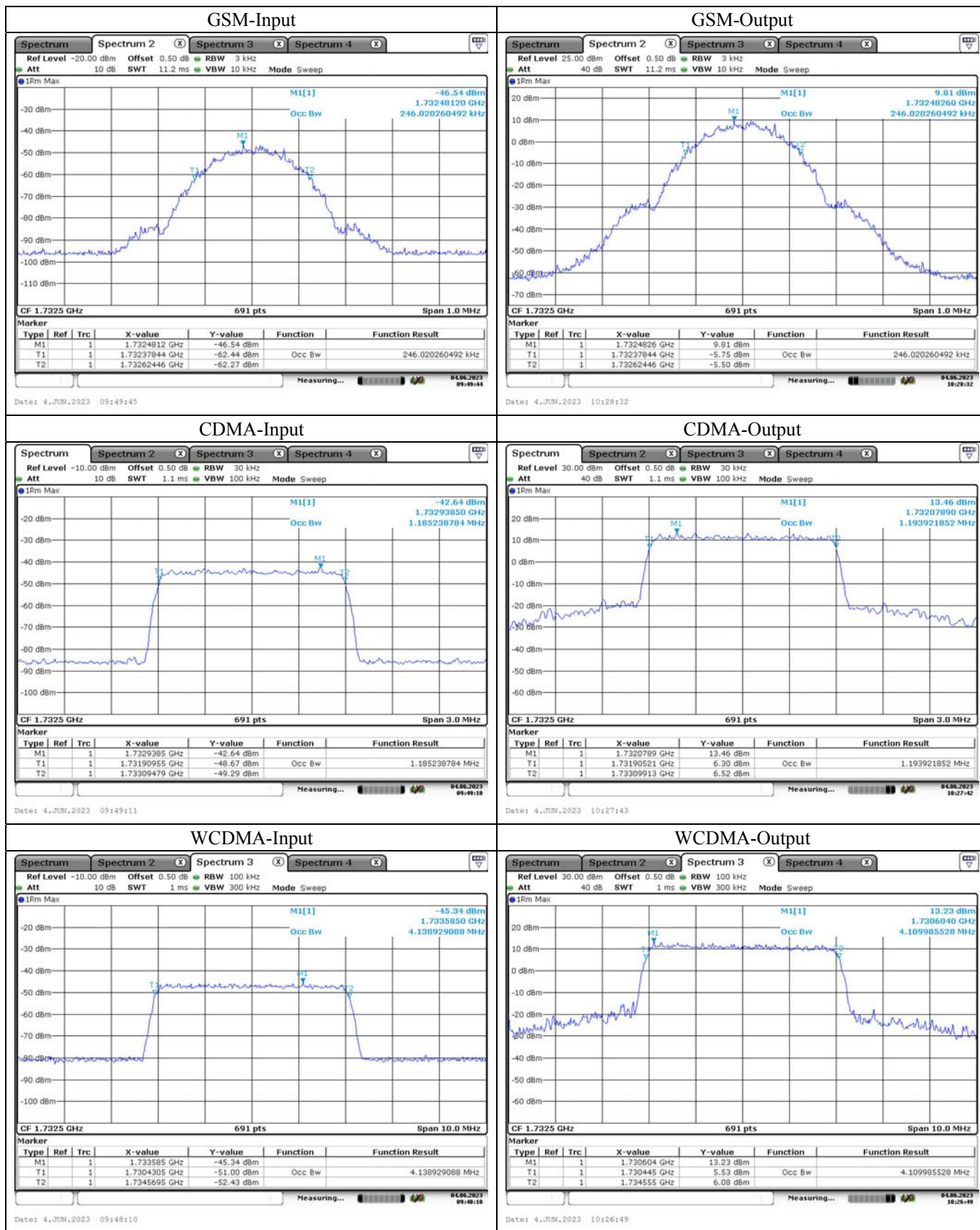
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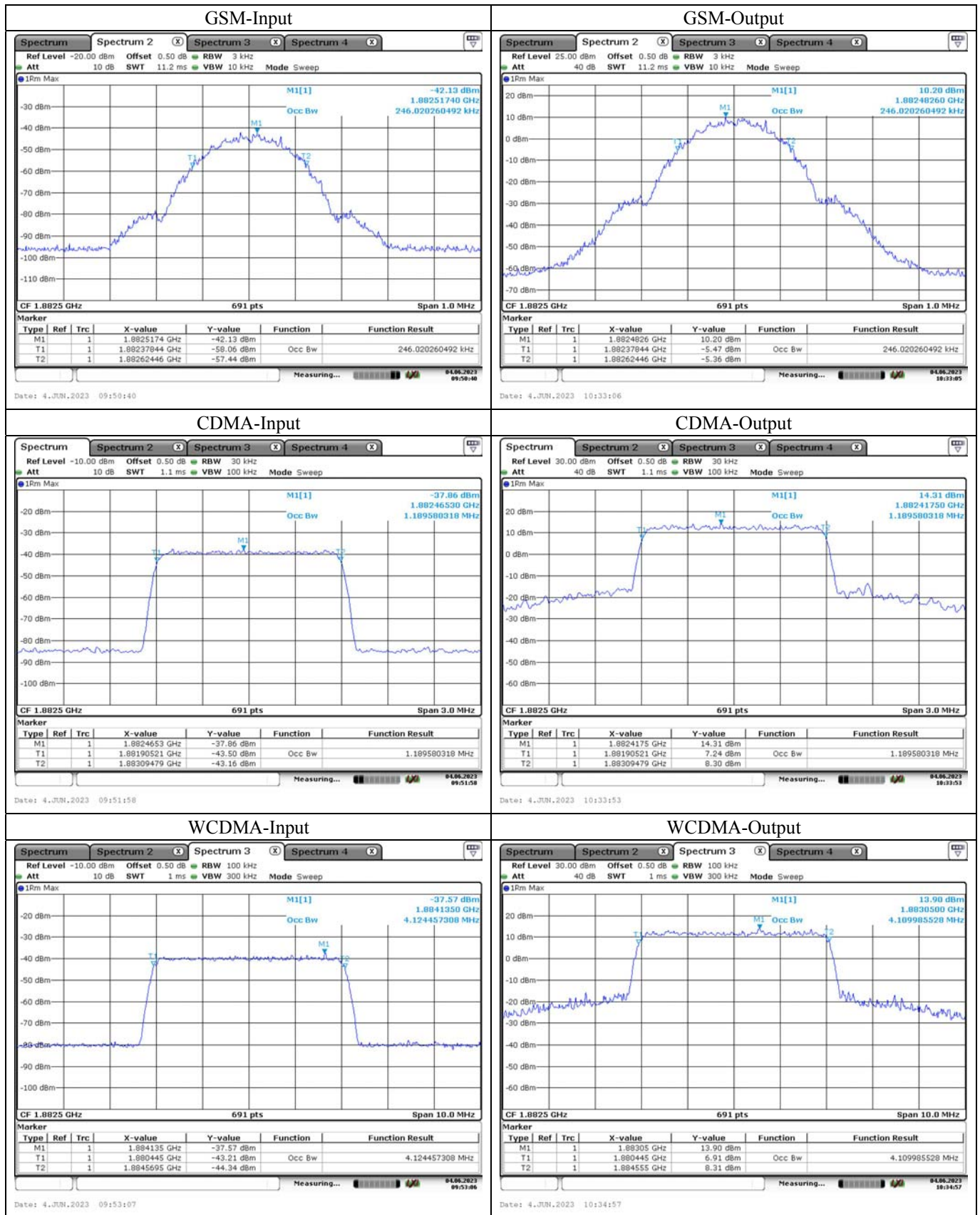
Cellular Band



AWS-1 Band



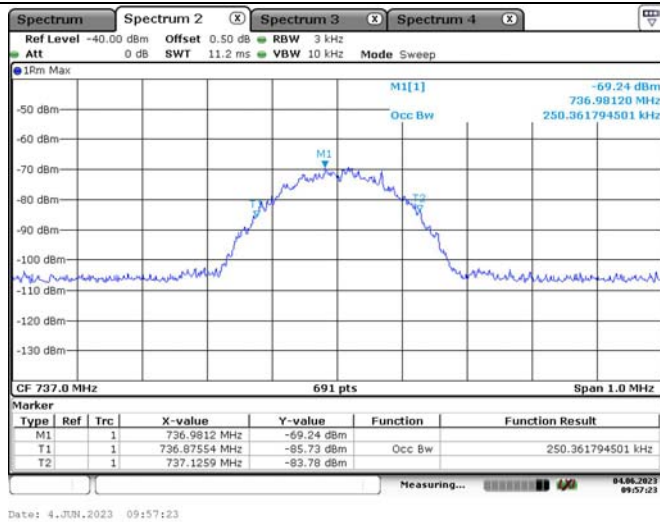
PCS Band



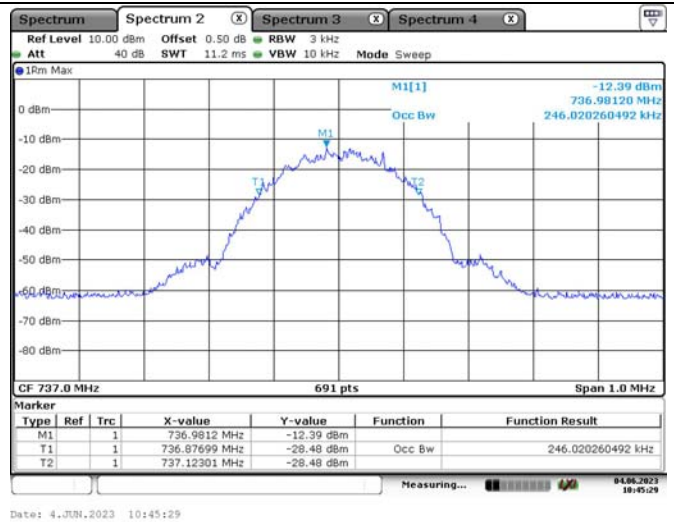
Downlink:

Lower 700M Band

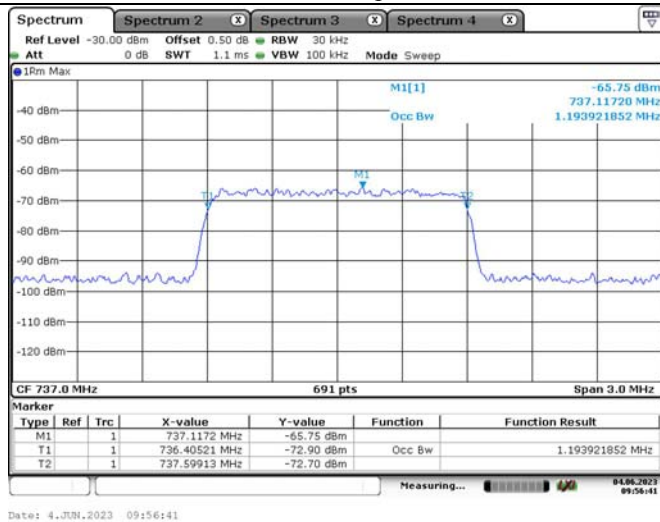
GSM-Input



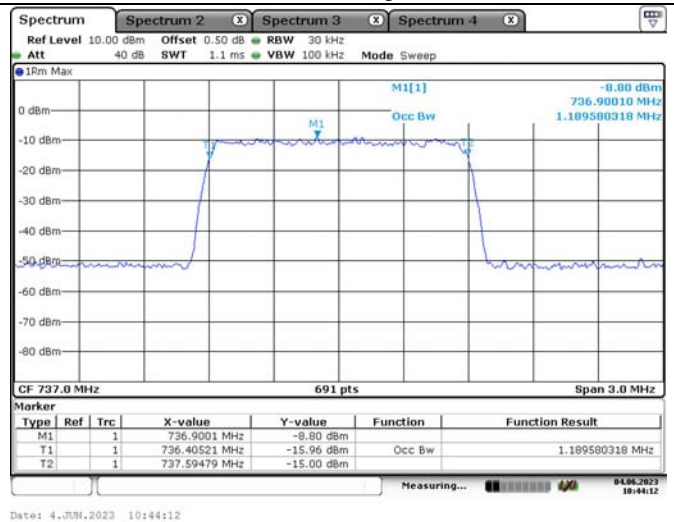
GSM-Output



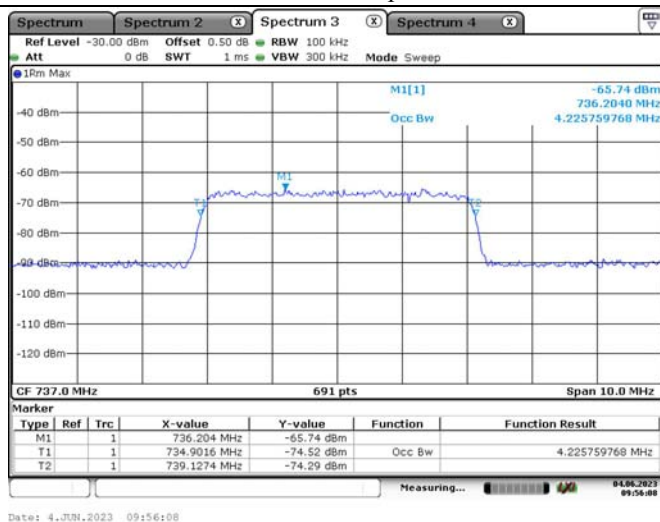
CDMA-Input



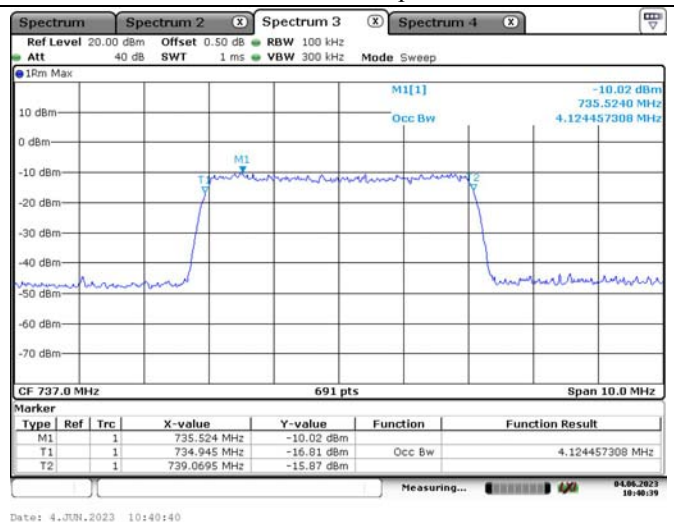
CDMA-Output



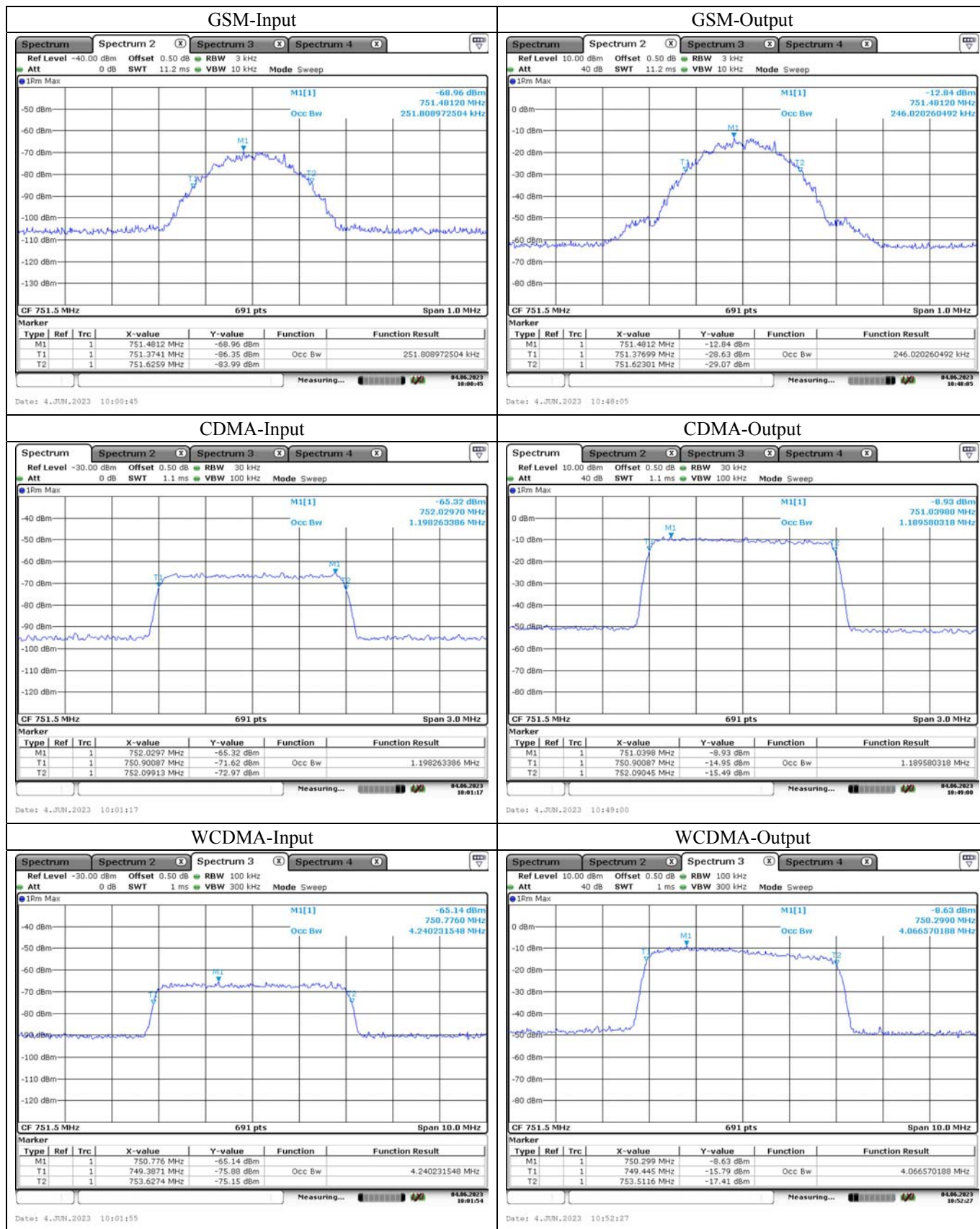
WCDMA-Input



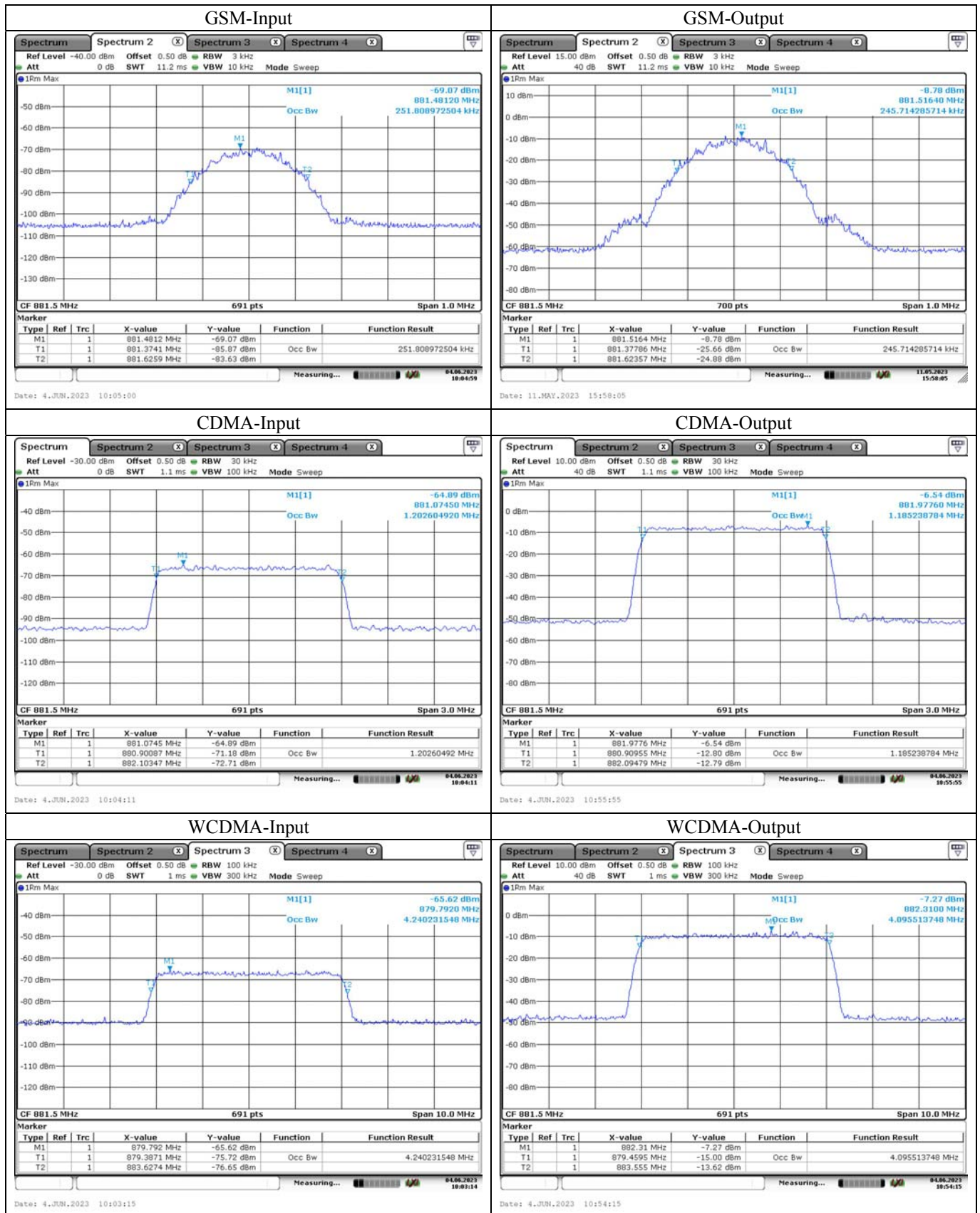
WCDMA-Output



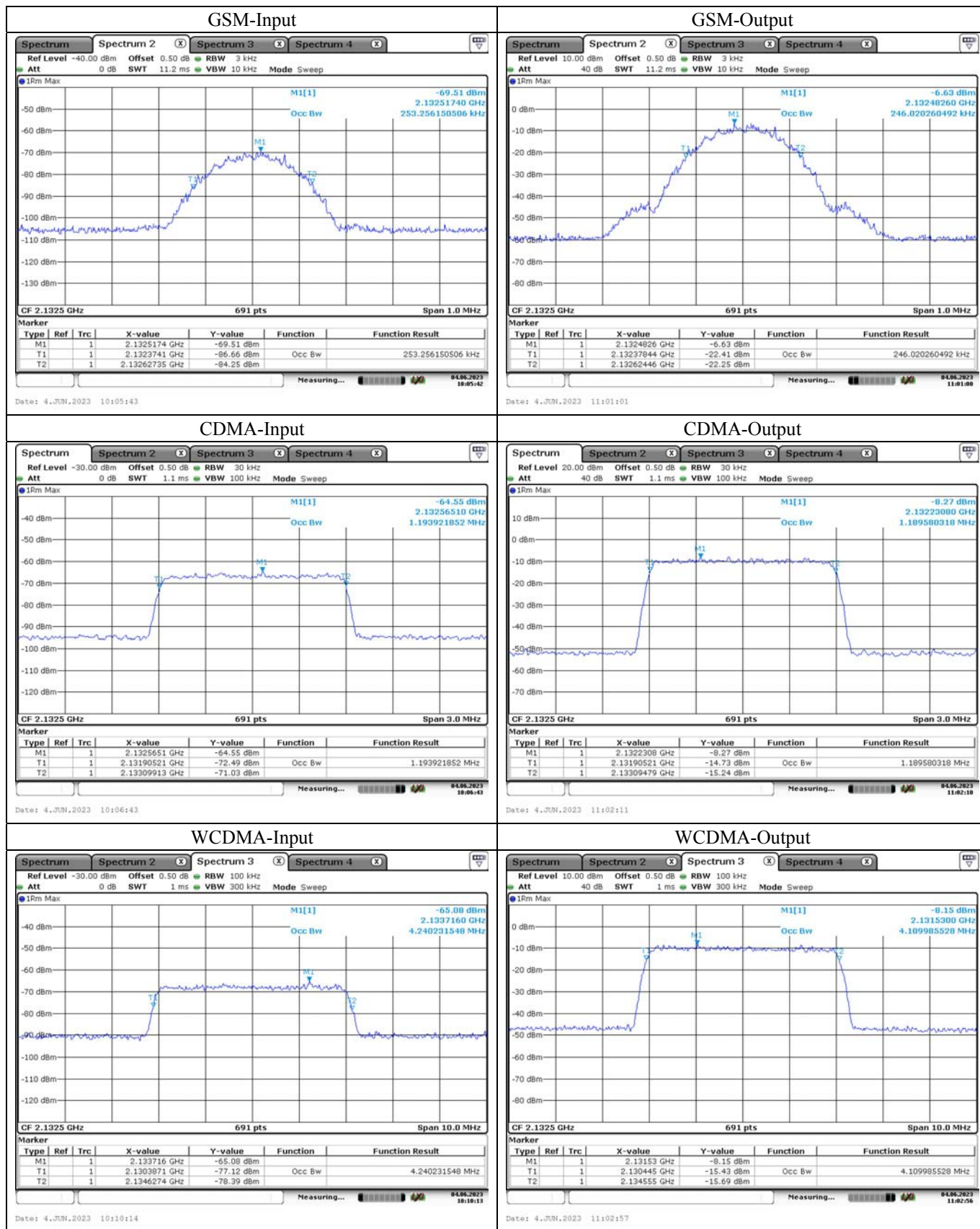
Upper 700M Band



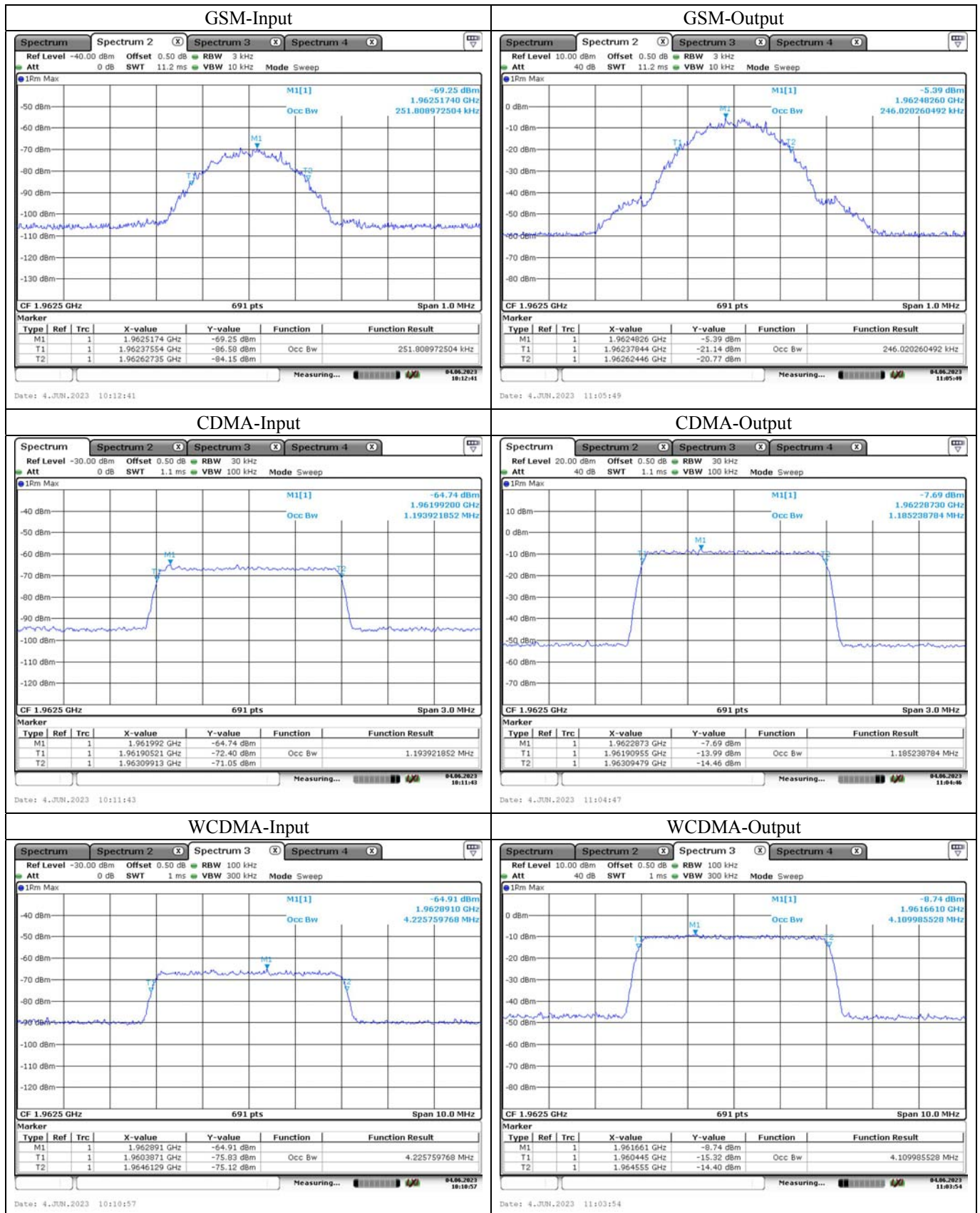
Cellular Band



AWS-1 Band



PCS Band



4.11 Oscillation Detection:

Serial Number:	22X8_1	Test Date:	2023/11/4~2023/12/26, 2024/1/14
Test Site:	RF	Test Mode:	Transmitting
Tester:	Sern Shen,Morpheus Shi	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.3~28.3	Relative Humidity: (%)	38~45	ATM Pressure: (kPa)	100.2~101.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2023/3/31	2024/3/30
YINSAIGE	Coaxial Cable	SS402	SJ0100001	Each time	N/A
YINSAIGE	Coaxial Cable	SS402	SJ0100002	Each time	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350144	2023/3/31	2024/3/30

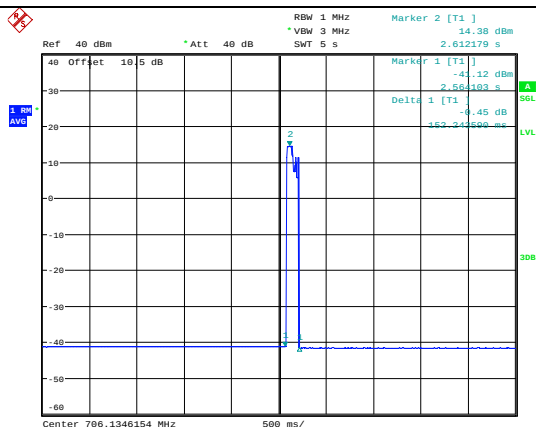
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

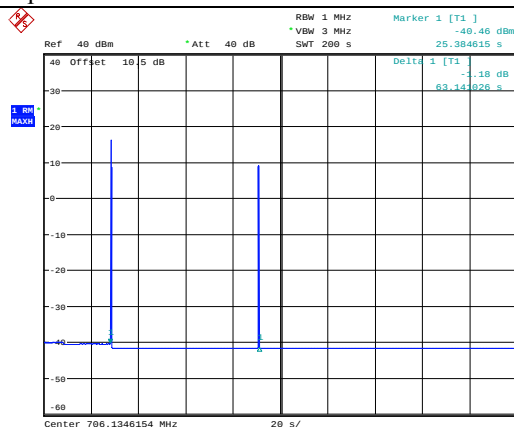
Oscillation Restart Time:

Mode	Operation Bands	Detection Time (s)		Power level dBm	Between restart time (s)		Number of restart	
		Reading	Limit		Reading	Limit	Reading	Limit
Uplink	Lower 700MHz	0.152	<0.3	14.38	63.14	≥60	2	≤5
	Upper 700MHz	0.123		-11.59	63.78		2	
	Cellular	0.212		14.75	62.88		2	
	AWS-1	0.136		18.38	63.53		2	
	PCS	0.104		21.34	62.50		2	
Downlink	Lower 700MHz	0.153	<1	6.02	63.14		2	
	Upper 700MHz	0.431		4.15	63.78		2	
	Cellular	0.364		-5.63	63.14		2	
	AWS-1	0.168		10.12	63.14		2	
	PCS	0.128		-24.33	63.46		2	

Lower 700M-Uplink

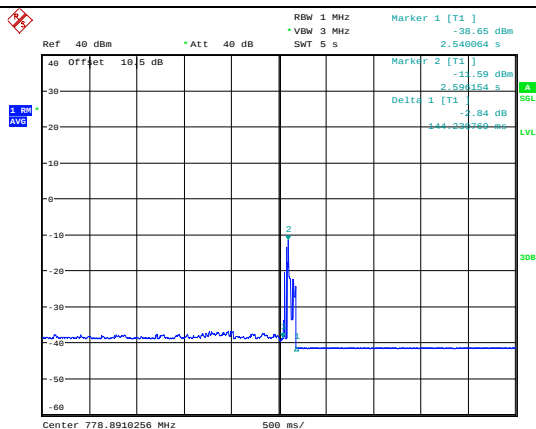


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
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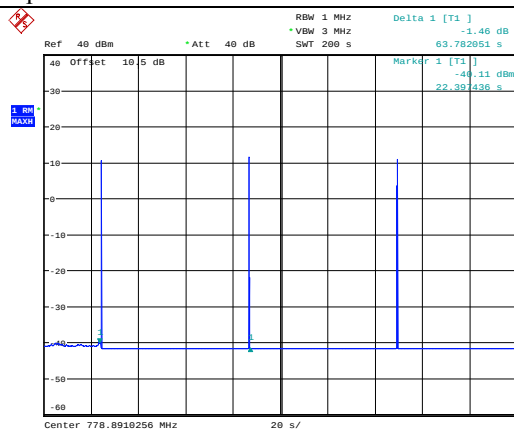


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 13:58:24

Upper 700M-Uplink

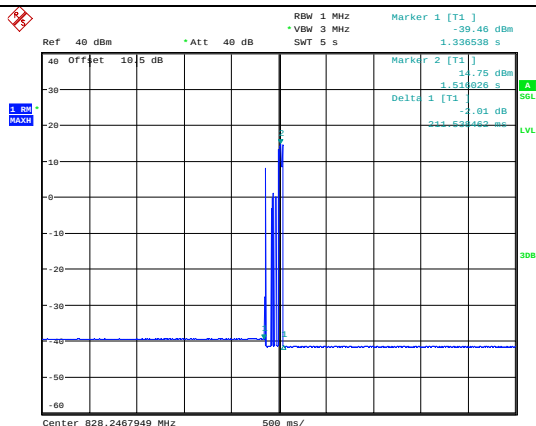


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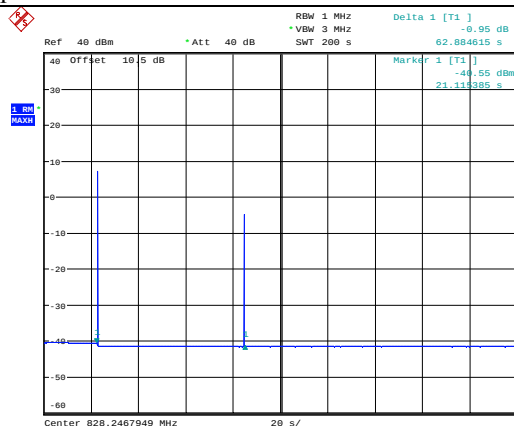


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 14:48:26

Cellular-Uplink

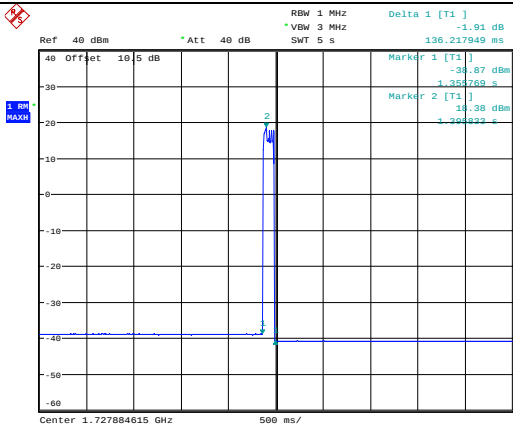


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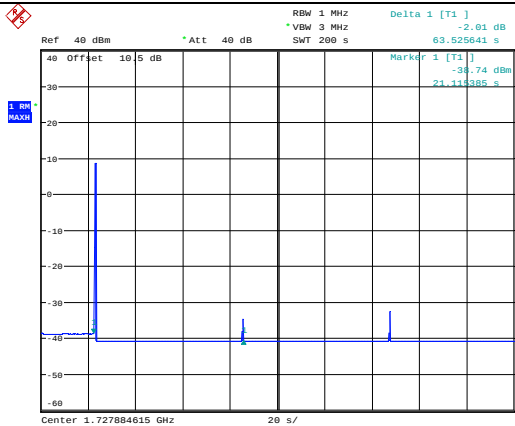


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 15:04:15

AWS-1-Uplink

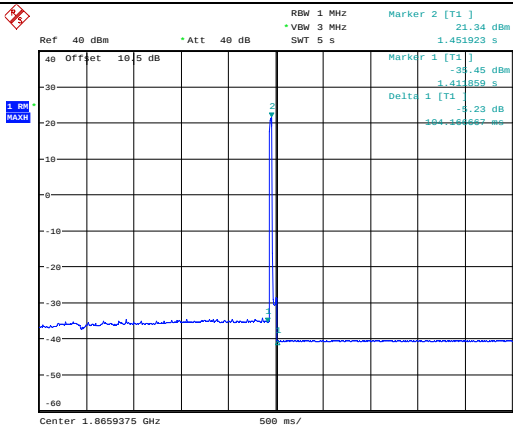


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Date: 4.NOV.2023 15:16:52

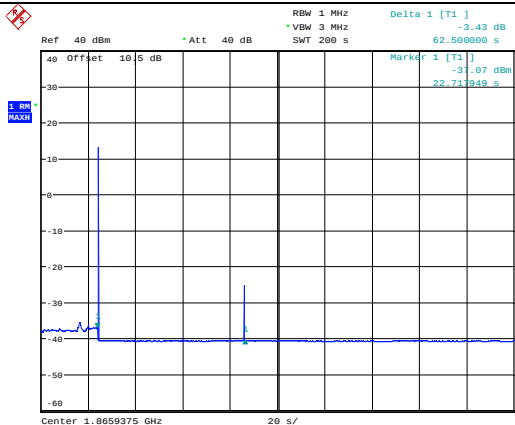


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 15:29:59

PCS-Uplink

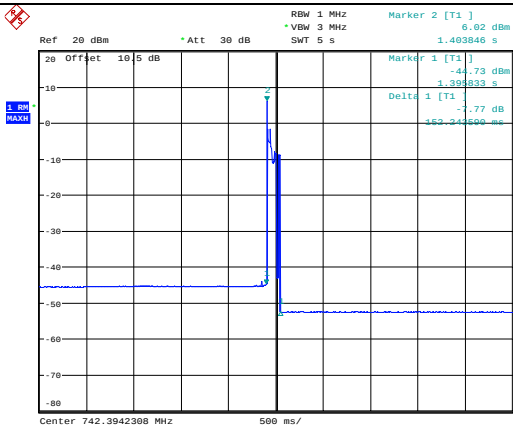


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 15:36:49

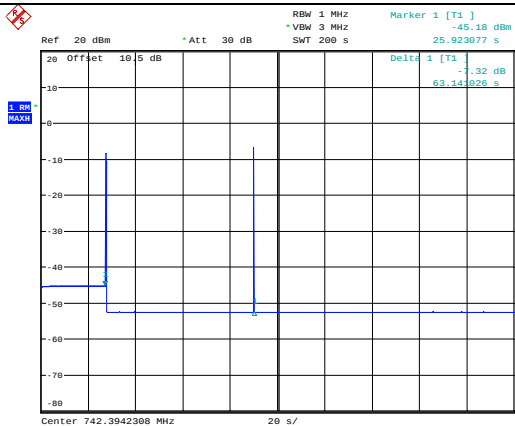


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 15:47:37

Lower 700M-Downlink

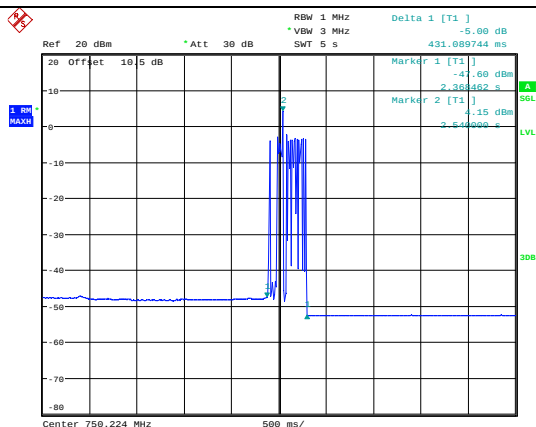


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 16:27:11

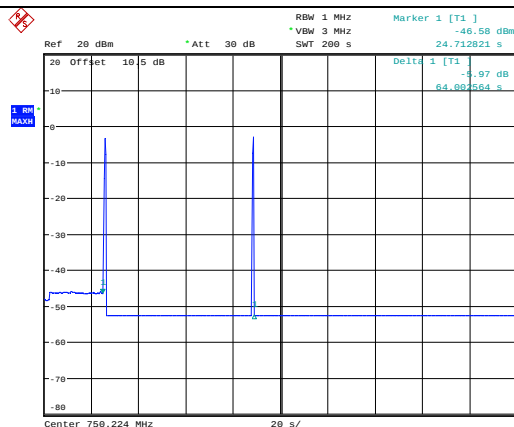


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 16:25:29

Upper 700M-Downlink

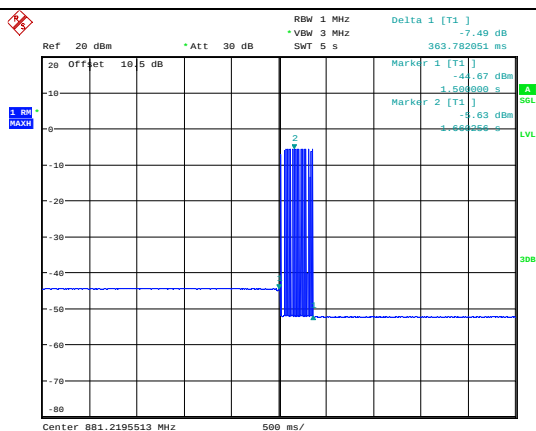


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 26.DEC.2023 11:33:57

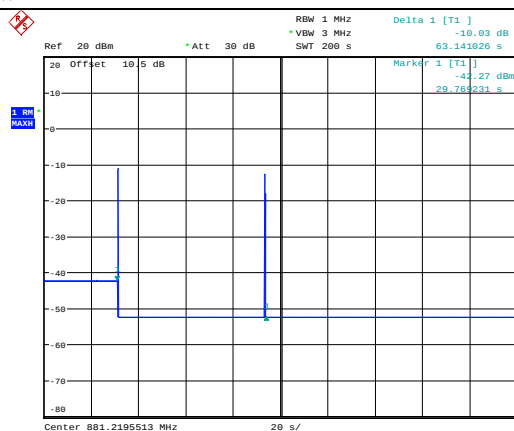


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 26.DEC.2023 11:51:36

Cellular-Downlink

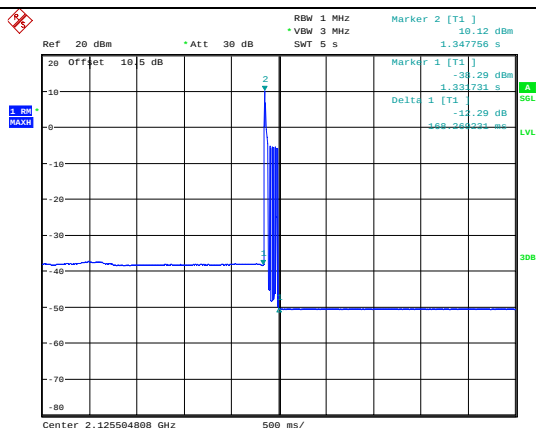


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 16:51:16

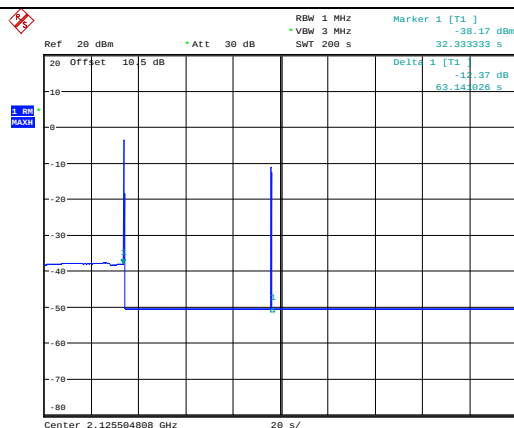


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 16:57:45

AWS-1-Downlink

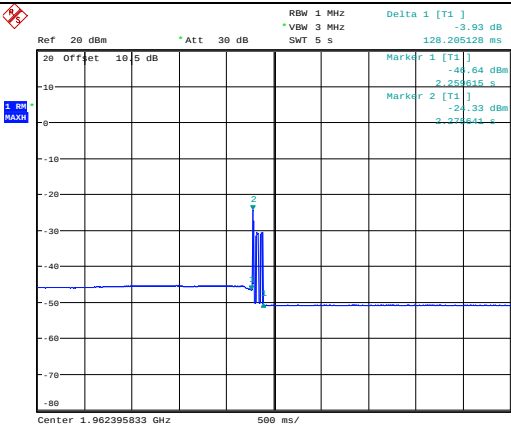


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 17:01:56

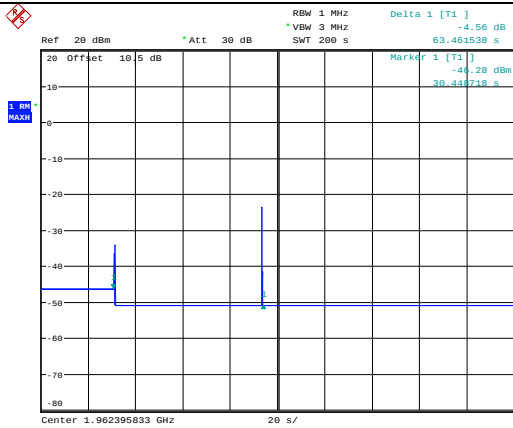


ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 4.NOV.2023 17:07:11

PCS-Downlink



ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 9.NOV.2023 19:34:03



ProjectNo.:CR230310695-RF Tester:Morpheus Shi
Date: 9.NOV.2023 19:49:18

Oscillation Mitigation or Shutdown:

Note: "/" means that booster is shut down.

Mode	Operation Band	Maximum Gain	Isolation	Difference	Limit	Time to Mitigate Oscillation	Mitigation Time Limit
		dB	dB	dB	dB	s	s
Uplink	Lower 700MHz	62.33	+5	11.93	12	/	<300
			+4	12.33	12	284.03	<300
			+3	12.85	12	283.47	<300
			+2	15.88	12	284.03	<300
			+1	18.42	12	284.03	<300
			+0	21.56	12	284.03	<300
			-1	27.09	12	283.47	<300
			-2	Shut down	12	/	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
	Upper 700MHz	60.34	+5	10.180	12	/	<300
			+4	11.660	12	/	<300
			+3	12.280	12	283.47	<300
			+2	14.110	12	283.37	<300
			+1	16.970	12	284.03	<300
			+0	22.120	12	283.47	<300
			-1	Shut down	12	/	<300
			-2	Shut down	12	/	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
	Cellular	60.71	+5	12.120	12	283.37	<300
			+4	11.910	12	/	<300
			+3	15.260	12	282.80	<300
			+2	16.980	12	282.80	<300
			+1	18.430	12	282.80	<300
			+0	22.930	12	282.80	<300
			-1	Shut down	12	/	<300
			-2	Shut down	12	/	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
	AWS-1	61.25	+5	11.810	12	/	<300
			+4	13.280	12	282.80	<300
			+3	15.290	12	282.80	<300
			+2	17.090	12	283.37	<300
			+1	18.500	12	283.37	<300
			+0	20.650	12	283.37	<300
			-1	22.550	12	283.37	<300
			-2	38.050	12	282.80	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
			-5	Shut down	12	/	<300

Mode	Operation Band	Maximum Gain	Isolation	Difference	Limit	Time to Mitigate Oscillation	Mitigation Time Limit
		dB	dB	dB	dB	s	s
Uplink	PCS	57.29	+5	9.280	12	/	<300
			+4	9.820	12	/	<300
			+3	10.630	12	/	<300
			+2	14.150	12	282.63	<300
			+1	14.870	12	282.24	<300
			+0	Shut down	12	/	<300
			-1	Shut down	12	/	<300
			-2	Shut down	12	/	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
			-5	Shut down	12	/	<300
Downlink	Lower 700MHz	61.61	+5	10.12	12	/	<300
			+4	11.25	12	/	<300
			+3	12.03	12	282.07	<300
			+2	12.77	12	282.63	<300
			+1	12.90	12	282.63	<300
			+0	13.26	12	282.63	<300
			-1	15.66	12	283.19	<300
			-2	21.68	12	282.63	<300
			-3	31.30	12	282.63	<300
			-4	Shut down	12	/	<300
			-5	Shut down	12	/	<300
	Upper 700MHz	60.27	+5	8.430	12	/	<300
			+4	14.380	12	282.07	<300
			+3	14.190	12	282.63	<300
			+2	14.790	12	282.63	<300
			+1	15.500	12	282.63	<300
			+0	17.560	12	282.63	<300
			-1	Shut down	12	/	<300
			-2	Shut down	12	/	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
			-5	Shut down	12	/	<300
	Cellular	61.19	+5	6.880	12	/	<300
			+4	7.280	12	/	<300
			+3	7.810	12	/	<300
			+2	8.120	12	/	<300
			+1	9.000	12	/	<300
			+0	9.750	12	/	<300
			-1	10.950	12	/	<300
			-2	12.740	12	282.07	<300
			-3	12.740	12	282.07	<300
			-4	16.460	12	282.63	<300
			-5	20.260	12	282.63	<300

Mode	Operation Band	Maximum Gain	Isolation	Difference	Limit	Time to Mitigate Oscillation	Mitigation Time Limit
		dB	dB	dB	dB	s	s
Downlink	AWS-1	60.13	+5	6.650	12	/	<300
			+4	7.340	12	/	<300
			+3	7.980	12	/	<300
			+2	8.740	12	/	<300
			+1	10.530	12	/	<300
			+0	10.680	12	/	<300
			-1	9.770	12	/	<300
			-2	11.370	12	/	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
			-5	Shut down	12	/	<300
	PCS	61.76	+5	6.67	12	/	<300
			+4	6.70	12	/	<300
			+3	6.74	12	/	<300
			+2	6.74	12	/	<300
			+1	6.74	12	/	<300
			+0	6.64	12	/	<300
			-1	Shut down	12	/	<300
			-2	Shut down	12	/	<300
			-3	Shut down	12	/	<300
			-4	Shut down	12	/	<300
			-5	Shut down	12	/	<300

4.12 Radiated Spurious Emissions:

Serial Number:	22X8_1	Test Date:	2023/4/26
Test Site:	966-2, 966-1	Test Mode:	Transmitting
Tester:	Carl Xue, Coco Tan	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	26.3~26.5	Relative Humidity: (%)	46~53	ATM Pressure: (kPa)	100.9
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2020/10/19	2023/10/18
R&S	EMI Test Receiver	ESR3	102724	2022/07/15	2023/07/14
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2022/07/17	2023/07/16
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2022/07/17	2023/07/16
Sonoma	Amplifier	310N	186165	2022/07/17	2023/07/16
EMCO	Adjustable Dipole Antenna	3121C	9109-756	N/A	N/A
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020/10/13	2023/10/12
R&S	Spectrum Analyzer	FSV40	101591	2022/07/15	2023/07/14
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2022/08/07	2023/08/06
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2022/08/07	2023/08/06
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2022/11/09	2023/11/08
AH	Double Ridge Guide Horn Antenna	SAS-571	1396	2021/10/18	2024/10/17
MICRO-COAX	Coaxial Cable	UFA210B-0-0720-300300	99G1448	2022/07/17	2023/07/16
Agilent	Signal Generator	E8247C	MY43321352	2022/11/18	2023/11/17
PASTERNAK	Horn Antenna	PE9852/2F-20	112002	2021/02/05	2024/02/04
PASTERNAK	Horn Antenna	PE9852/2F-20	112001	2021/02/05	2024/02/04
AH	Preamplifier	PAM-1840VH	190	2022/11/09	2023/11/08
PASTERNAK	Horn Antenna	PE9850/2F-20	072001	2021/02/05	2024/02/04
PASTERNAK	Horn Antenna	PE9850/2F-20	072002	2021/02/05	2024/02/04
MICRO-COAX	Coaxial Cable	UFB142A-1-2362-200200	235772-001	2022/08/07	2023/08/06

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:**Uplink:**

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Lower 700MHz, Test Frequency: 707MHz								
163.86	H	57.48	-54.29	0.00	0.24	-54.53	-19.00	35.53
163.86	V	60.17	-48.46	0.00	0.24	-48.70	-19.00	29.70
1414.000	H	34.15	-69.52	8.26	0.72	-61.98	-19.00	42.98
1414.000	V	34.67	-69.05	8.26	0.72	-61.51	-19.00	42.51
2121.00	H	36.01	-65.97	9.17	0.92	-57.72	-19.00	38.72
2121.00	V	36.16	-65.80	9.17	0.92	-57.55	-19.00	38.55
4949.00	H	34.73	-58.14	11.14	1.51	-48.51	-19.00	29.51
5656.00	V	39.16	-54.17	11.31	1.55	-44.41	-19.00	25.41
5656.00	H	37.48	-55.98	11.31	1.55	-46.22	-19.00	27.22
6363.00	V	38.47	-53.58	11.19	1.85	-44.24	-19.00	25.24
6363.00	H	38.57	-53.52	11.19	1.85	-44.18	-19.00	25.18
7070.00	V	36.29	-53.45	11.16	1.91	-44.20	-19.00	25.20
7070.00	H	36.48	-53.35	11.16	1.91	-44.10	-19.00	25.10
Upper 700MHz, Test Frequency: 781.5MHz								
165.80	H	57.90	-53.96	0.00	0.24	-54.20	-19.00	35.20
45.52	V	64.95	-31.86	-19.29	0.12	-51.27	-19.00	32.27
1563.000	H	34.51	-69.52	8.58	0.80	-61.74	-19.00	42.74
1563.000	V	35.21	-68.87	8.58	0.80	-61.09	-19.00	42.09
2344.50	H	36.16	-65.37	9.31	0.97	-57.03	-19.00	38.03
2344.50	V	36.67	-64.63	9.31	0.97	-56.29	-19.00	37.29
5470.50	H	38.26	-54.97	11.48	1.47	-44.96	-19.00	25.96
6252.00	V	38.62	-53.28	11.10	1.74	-43.92	-19.00	24.92
6252.00	H	38.58	-53.40	11.10	1.74	-44.04	-19.00	25.04
7033.50	V	38.45	-51.76	11.18	1.92	-42.50	-19.00	23.50
7033.50	H	37.79	-52.55	11.18	1.92	-43.29	-19.00	24.29
7815.00	V	37.70	-52.09	10.84	1.99	-43.24	-19.00	24.24
7815.00	H	37.37	-52.03	10.84	1.99	-43.18	-19.00	24.18
Cellular Band, Test Frequency: 836.5MHz								
161.92	H	55.81	-55.88	0.00	0.24	-56.12	-19.00	37.12
43.58	V	62.86	-31.60	-21.67	0.12	-53.39	-19.00	34.39
1673.000	H	35.71	-68.60	8.71	0.85	-60.74	-19.00	41.74
1673.000	V	35.58	-68.83	8.71	0.85	-60.97	-19.00	41.97
2509.50	H	35.85	-64.76	9.42	1.01	-56.35	-19.00	37.35
2509.50	V	35.49	-65.13	9.42	1.01	-56.72	-19.00	37.72
5855.50	H	37.83	-55.72	11.07	1.59	-46.24	-19.00	27.24
6692.00	V	37.25	-53.83	11.26	1.87	-44.44	-19.00	25.44
6692.00	H	38.13	-53.21	11.26	1.87	-43.82	-19.00	24.82
7528.50	V	38.82	-51.45	10.89	1.96	-42.52	-19.00	23.52
7528.50	H	39.58	-50.14	10.89	1.96	-41.21	-19.00	22.21
8365.00	V	37.95	-50.37	10.87	2.20	-41.70	-19.00	22.70
8365.00	H	38.42	-49.61	10.87	2.20	-40.94	-19.00	21.94

AWS-1 Band, Test Frequency: 1732.5MHz								
132.82	H	55.30	-56.92	0.00	0.22	-57.14	-19.00	38.14
132.82	V	63.19	-43.99	0.00	0.22	-44.21	-19.00	25.21
3465.000	H	36.66	-61.15	10.39	1.15	-51.91	-19.00	32.91
3465.000	V	37.84	-59.93	10.39	1.15	-50.69	-19.00	31.69
5197.50	H	37.83	-56.30	11.32	1.44	-46.42	-19.00	27.42
5197.50	V	37.30	-56.68	11.32	1.44	-46.80	-19.00	27.80
12127.50	H	36.51	-49.14	11.45	2.63	-40.32	-19.00	21.32
13860.00	V	33.46	-50.20	11.99	2.57	-40.78	-19.00	21.78
13860.00	H	30.74	-51.92	11.99	2.57	-42.50	-19.00	23.50
15592.50	V	30.11	-55.10	13.90	2.62	-43.82	-19.00	24.82
15592.50	H	33.06	-52.73	13.90	2.62	-41.45	-19.00	22.45
17325.00	V	30.45	-46.26	12.74	2.95	-36.47	-19.00	17.47
17325.00	H	31.30	-46.27	12.74	2.95	-36.48	-19.00	17.48
PCS Band, Test Frequency: 1882.5MHz								
132.82	H	55.47	-56.75	0.00	0.22	-56.97	-19.00	37.97
132.82	V	62.20	-44.98	0.00	0.22	-45.20	-19.00	26.20
3765.000	H	35.99	-60.34	10.67	1.25	-50.92	-19.00	31.92
3765.000	V	36.91	-59.30	10.67	1.25	-49.88	-19.00	30.88
5647.50	H	37.16	-56.29	11.32	1.55	-46.52	-19.00	27.52
5647.50	V	37.65	-55.68	11.32	1.55	-45.91	-19.00	26.91
13177.50	H	33.44	-50.25	11.96	2.56	-40.85	-19.00	21.85
15060.00	V	29.71	-51.99	13.99	2.54	-40.54	-19.00	21.54
15060.00	H	31.43	-50.59	13.99	2.54	-39.14	-19.00	20.14
16942.50	V	31.85	-47.45	13.05	2.88	-37.28	-19.00	18.28
16942.50	H	32.29	-47.36	13.05	2.88	-37.19	-19.00	18.19

Note 1: The unit of antenna gain is dBd for frequency below 1GHz and is dBi for frequency above 1GHz.

Note 2:

Absolute Level = Substituted Level - Cable loss + Antenna Gain

Margin = Limit- Absolute Level

Downlink:

Frequency (MHz)	Polar (H / V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
Lower 700MHz, Test Frequency: 737MHz								
156.13	H	54.89	-56.85	0.00	0.23	-57.08	-19.00	38.08
49.43	V	66.69	-33.98	-15.46	0.12	-49.56	-19.00	30.56
1474.000	H	33.53	-69.98	8.43	0.75	-62.30	-19.00	43.30
1474.000	V	34.34	-69.25	8.43	0.75	-61.57	-19.00	42.57
2211.00	H	35.35	-66.95	9.23	0.94	-58.66	-19.00	39.66
2211.00	V	36.66	-65.70	9.23	0.94	-57.41	-19.00	38.41
5159.00	H	37.96	-55.84	11.30	1.43	-45.97	-19.00	26.97
5896.00	V	40.55	-53.13	11.02	1.68	-43.79	-19.00	24.79
5896.00	H	39.47	-54.14	11.02	1.68	-44.80	-19.00	25.80
6633.00	V	39.04	-52.50	11.27	1.90	-43.13	-19.00	24.13
6633.00	H	40.34	-51.29	11.27	1.90	-41.92	-19.00	22.92
7370.00	V	40.33	-49.52	10.98	1.97	-40.51	-19.00	21.51
7370.00	H	38.91	-50.26	10.98	1.97	-41.25	-19.00	22.25
Upper 700MHz , Test Frequency:751.5MHz								
154.16	H	54.14	-57.66	0.00	0.23	-57.89	-19.00	38.89
49.40	V	67.25	-33.39	-15.49	0.12	-49.00	-19.00	30.00
1503.000	H	32.15	-71.32	8.50	0.76	-63.58	-19.00	44.58
1503.000	V	33.21	-70.36	8.50	0.76	-62.62	-19.00	43.62
2254.50	H	36.66	-65.46	9.25	0.93	-57.14	-19.00	38.14
2254.50	V	35.95	-66.09	9.25	0.93	-57.77	-19.00	38.77
5260.50	H	37.88	-55.83	11.36	1.47	-45.94	-19.00	26.94
6012.00	V	40.25	-52.52	10.91	1.66	-43.27	-19.00	24.27
6012.00	H	40.50	-52.41	10.91	1.66	-43.16	-19.00	24.16
6763.50	V	38.81	-52.54	11.25	1.84	-43.13	-19.00	24.13
6763.50	H	39.82	-51.74	11.25	1.84	-42.33	-19.00	23.33
7515.00	V	39.47	-50.81	10.90	1.95	-41.86	-19.00	22.86
7515.00	H	39.73	-50.04	10.90	1.95	-41.09	-19.00	22.09
Cellular Band, Test Frequency:881.5MHz								
158.04	H	54.97	-56.70	0.00	0.23	-56.93	-19.00	37.93
49.40	V	66.38	-34.26	-15.49	0.12	-49.87	-19.00	30.87
1763.000	H	36.93	-66.86	8.82	0.86	-58.90	-19.00	39.90
1763.000	V	37.09	-66.87	8.82	0.86	-58.91	-19.00	39.91
2644.50	H	36.40	-63.55	9.63	1.06	-54.98	-19.00	35.98
2644.50	V	36.47	-63.39	9.63	1.06	-54.82	-19.00	35.82
6170.50	H	39.54	-52.51	11.04	1.77	-43.24	-19.00	24.24
7052.00	V	37.65	-52.32	11.17	1.93	-43.08	-19.00	24.08
7052.00	H	37.63	-52.45	11.17	1.93	-43.21	-19.00	24.21
7933.50	V	38.16	-50.89	10.81	2.07	-42.15	-19.00	23.15
7933.50	H	36.97	-51.66	10.81	2.07	-42.92	-19.00	23.92
8815.00	V	38.14	-49.98	11.15	2.29	-41.12	-19.00	22.12
8815.00	H	36.03	-51.00	11.15	2.29	-42.14	-19.00	23.14

AWS-1 Band, Test Frequency:2132.5MHz								
163.86	H	54.40	-57.37	0.00	0.24	-57.61	-19.00	38.61
49.40	V	66.66	-33.98	-15.49	0.12	-49.59	-19.00	30.59
4265.000	H	37.95	-58.22	10.74	1.31	-48.79	-19.00	29.79
4265.000	V	36.72	-59.35	10.74	1.31	-49.92	-19.00	30.92
6397.50	H	38.16	-53.88	11.22	1.89	-44.55	-19.00	25.55
6397.50	V	38.82	-53.26	11.22	1.89	-43.93	-19.00	24.93
14927.50	H	31.77	-49.60	13.87	2.51	-38.24	-19.00	19.24
17060.00	V	32.05	-46.28	12.95	2.92	-36.25	-19.00	17.25
17060.00	H	30.62	-48.11	12.95	2.92	-38.08	-19.00	19.08
PCS Band, Test Frequency:1962.5MHz								
156.10	H	55.26	-56.48	0.00	0.23	-56.71	-19.00	37.71
49.40	V	66.19	-34.45	-15.49	0.12	-50.06	-19.00	31.06
3925.000	H	36.54	-59.53	10.83	1.28	-49.98	-19.00	30.98
3925.000	V	36.16	-59.85	10.83	1.28	-50.30	-19.00	31.30
5887.50	H	39.89	-53.71	11.04	1.66	-44.33	-19.00	25.33
5887.50	V	39.09	-54.56	11.04	1.66	-45.18	-19.00	26.18
13737.50	H	29.08	-53.98	11.89	2.56	-44.65	-19.00	25.65
15700.00	V	30.85	-54.56	13.90	2.66	-43.32	-19.00	24.32
15700.00	H	33.58	-52.23	13.90	2.66	-40.99	-19.00	21.99
17662.50	V	28.67	-42.66	12.41	2.81	-33.06	-19.00	14.06
17662.50	H	32.89	-42.32	12.41	2.81	-32.72	-19.00	13.72

Note 1: The unit of antenna gain is dBd for frequency below 1GHz and is dBi for frequency above 1GHz.

Note 2:

Absolute Level = Substituted Level - Cable loss + Antenna Gain

Margin = Limit- Absolute Level

5. RF EXPOSURE EVALUATION

5.1 FCC Maximum Permissible Exposure (MPE)

5.1.1 Applicable Standard

According to subpart §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

5.1.2 Limits

Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f ²)	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

5.1.3 Calculated Formulary:

Predication of MPE limit at a given distance

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

5.1.4 Calculated Data

Mode	Frequency Band (MHz)	Maximum Tune-up Conducted Power (dBm)	Antenna Gain (dBi)	Cable Loss (dB)	Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
Uplink	698-716	24	7.42	1.55	20	0.193	0.465
	776-787	24	7.45	1.59	20	0.193	0.517
	824-849	23	7.72	1.63	20	0.161	0.549
	1710-1755	25	6.35	2.91	20	0.139	1.000
	1850-1915	25	7.47	3.05	20	0.174	1.000
Downlink	728-746	10	4.81	0.38	20	0.006	0.485
	746-757	9	3.90	0.39	20	0.004	0.497
	869-894	9	5.81	0.41	20	0.006	0.579
	2110-2155	6	7.35	1.10	20	0.003	1.000
	1930-1995	4	7.13	1.15	20	0.002	1.000

Result: Compliant, The device meet MPE requirement at 20 cm distance.

6. EUT PHOTOGRAPHS

Please refer to the attachment CR230310695-EXP EUT EXTERNAL PHOTOGRAPHS and CR230310695-INP EUT INTERNAL PHOTOGRAPHS

7. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR230310695-00-TSP TEST SETUP PHOTOGRAPHS.

=====END OF REPORT=====