Appendix A

Test Information:

Serial No.:	3J02-1	Test Date:	2026/04/15~2026/04/16
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.6~24.7	Relative Humidity: (%)	54~59	ATM Pressure: (kPa)	100.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Micro-Coax	Coaxial Cable	UFB205A	323308-015	2025/06/01	2026/05/31
HUBER+SUHNER	Coaxial Attenuator	6610_SMA-50-1	0064	2025/06/06	2026/06/05
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM488	2025/06/06	2026/06/05
R&S	Spectrum Analyzer	FSV40	101947	2025/07/28	2026/07/27
GLOBAL	TEMP&HUMI Test Chamber	BTH-150-40	30173	2025/08/01	2026/07/31
R&S	Wideband Radio Communication Tester	CMW500	144976	2025/08/01	2026/07/31
All-sun	Multimeter	EM305A	8348897	2025/08/18	2026/08/17
Minl-Clrcuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2026/02/24	2027/02/23
JD	Test Software	JD Auto Test System	V1.0	N/A	N/A
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Frequency stability vs. temperature &Frequency stability vs. voltage Compliance

FCC Part 22H

GSM 850

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
GSM_Middle_TN/VN	836.6	-0.55	-0.0007	±2.5	Pass
GSM_Middle_T1/VN	836.6	-2.07	-0.0025	±2.5	Pass
GSM_Middle_T2/VN	836.6	-1.78	-0.0021	±2.5	Pass
GSM_Middle_T3/VN	836.6	-0.74	-0.0009	±2.5	Pass
GSM_Middle_T4/VN	836.6	-0.55	-0.0007	±2.5	Pass
GSM_Middle_T5/VN	836.6	-2.10	-0.0025	±2.5	Pass
GSM_Middle_T6/VN	836.6	0.94	0.0011	±2.5	Pass
GSM_Middle_T7/VN	836.6	-2.26	-0.0027	±2.5	Pass
GSM_Middle_T8/VN	836.6	-3.23	-0.0039	±2.5	Pass
GSM_Middle_TN/VH	836.6	-1.74	-0.0021	±2.5	Pass
GSM_Middle_TN/VL	836.6	-1.87	-0.0022	±2.5	Pass

Note:

Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10^6

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

FCC Part 24E

GSM 1900

Mode	Result (MHz)	Limit (MHz)	Verdict
GSM_Low_TN/VN	1850.084	1850	Pass
GSM_Low_T1/VN	1850.084	1850	Pass
GSM_Low_T2/VN	1850.082	1850	Pass
GSM_Low_T3/VN	1850.080	1850	Pass
GSM_Low_T4/VN	1850.082	1850	Pass
GSM_Low_T5/VN	1850.078	1850	Pass
GSM_Low_T6/VN	1850.082	1850	Pass
GSM_Low_T7/VN	1850.080	1850	Pass
GSM_Low_T8/VN	1850.081	1850	Pass
GSM_Low_TN/VH	1850.081	1850	Pass
GSM_Low_TN/VL	1850.080	1850	Pass
GSM_High_TN/VN	1909.925	1910	Pass
GSM_High_T1/VN	1909.919	1910	Pass
GSM_High_T2/VN	1909.924	1910	Pass
GSM_High_T3/VN	1909.925	1910	Pass
GSM_High_T4/VN	1909.923	1910	Pass
GSM_High_T5/VN	1909.923	1910	Pass
GSM_High_T6/VN	1909.924	1910	Pass
GSM_High_T7/VN	1909.925	1910	Pass
GSM_High_T8/VN	1909.924	1910	Pass
GSM_High_TN/VH	1909.924	1910	Pass
GSM_High_TN/VL	1909.920	1910	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

Occupied Bandwidth

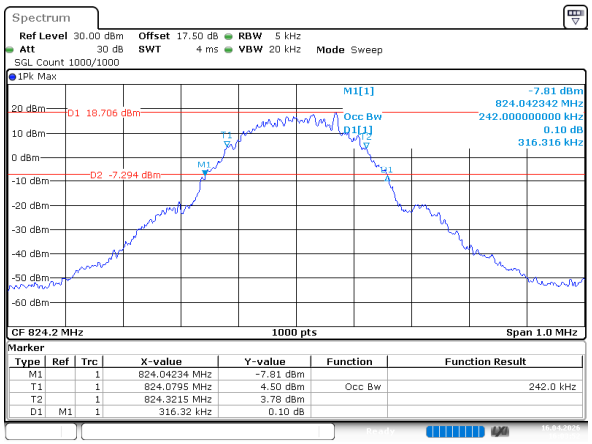
FCC Part 22H

GSM 850, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
GSM_Low	0.242	0.316
GSM_Middle	0.242	0.310
GSM_High	0.244	0.310

GSM 850, Normal

GSM_Low



ProjectNo.:2602R09298E-RF Tester:Loge Long
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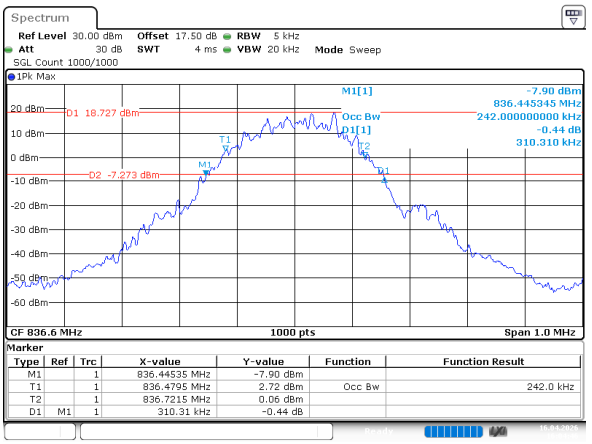
GSM_Middle



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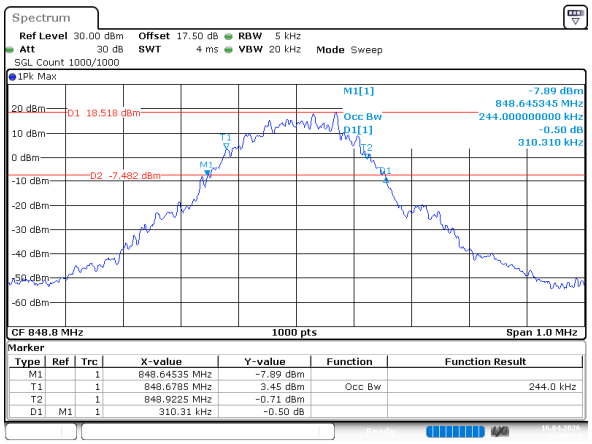
GSM_High



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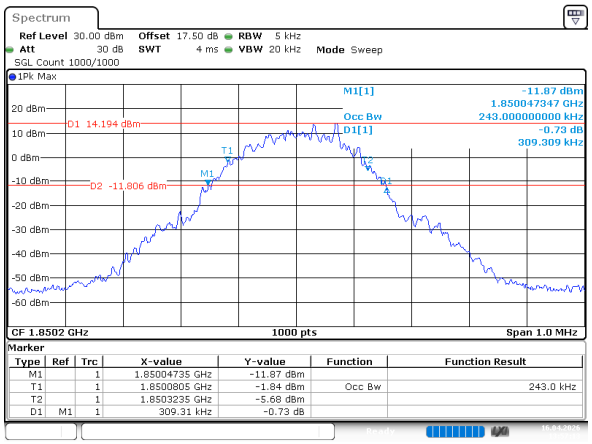
FCC Part 24E

GSM 1900, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
GSM_Low	0.243	0.309
GSM_Middle	0.243	0.310
GSM_High	0.243	0.308

GSM 1900, Normal

GSM_Low



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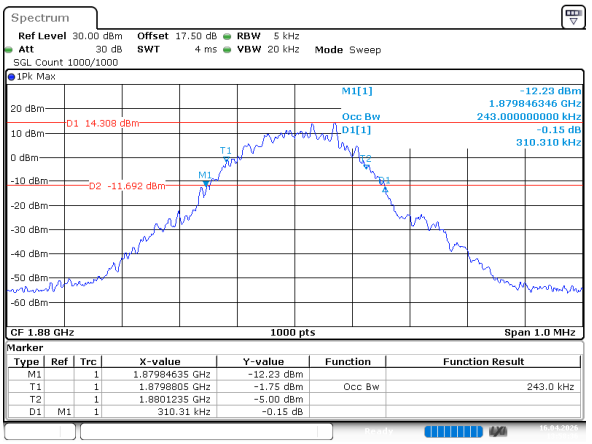
GSM_Middle



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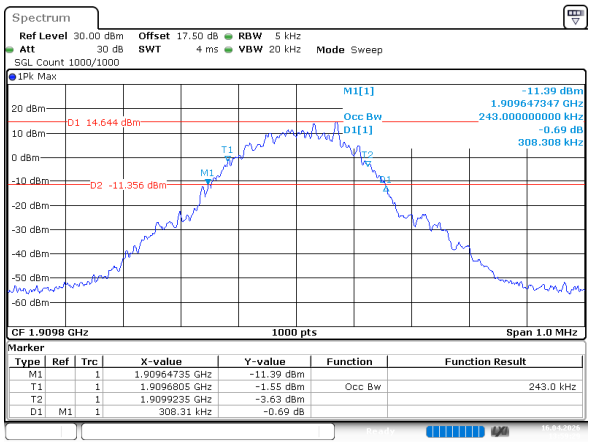
GSM_High



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RF Output Power

FCC Part 22H

GSM 850, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
GSM_Low	22.63	17.30	38.45	Pass
GSM_Middle	22.62	17.29	38.45	Pass
GSM_High	22.53	17.20	38.45	Pass
GPRS_Low_Slot1	22.84	17.51	38.45	Pass
GPRS_Low_Slot2	21.94	16.61	38.45	Pass
GPRS_Low_Slot3	21.52	16.19	38.45	Pass
GPRS_Low_Slot4	21.17	15.84	38.45	Pass
GPRS_Middle_Slot1	22.75	17.42	38.45	Pass
GPRS_Middle_Slot2	22.01	16.68	38.45	Pass
GPRS_Middle_Slot3	21.52	16.19	38.45	Pass
GPRS_Middle_Slot4	21.15	15.82	38.45	Pass
GPRS_High_Slot1	22.56	17.23	38.45	Pass
GPRS_High_Slot2	21.98	16.65	38.45	Pass
GPRS_High_Slot3	21.47	16.14	38.45	Pass
GPRS_High_Slot4	21.14	15.81	38.45	Pass

Note:

ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15

1.Antenna Gain = -3.18dBi;

2.Cable Loss = 0dB.

FCC Part 24E

GSM 1900, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
GSM_Low	19.02	16.11	33	Pass
GSM_Middle	19.35	16.44	33	Pass
GSM_High	19.70	16.79	33	Pass
GPRS_Low_Slot1	19.06	16.15	33	Pass
GPRS_Low_Slot2	18.83	15.92	33	Pass
GPRS_Low_Slot3	18.70	15.79	33	Pass
GPRS_Low_Slot4	18.46	15.55	33	Pass
GPRS_Middle_Slot1	19.44	16.53	33	Pass
GPRS_Middle_Slot2	19.17	16.26	33	Pass
GPRS_Middle_Slot3	18.84	15.93	33	Pass
GPRS_Middle_Slot4	18.64	15.73	33	Pass
GPRS_High_Slot1	19.89	16.98	33	Pass
GPRS_High_Slot2	19.47	16.56	33	Pass
GPRS_High_Slot3	19.07	16.16	33	Pass
GPRS_High_Slot4	18.90	15.99	33	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

1.Antenna Gain = -2.91dBi;

2.Cable Loss = 0dB.

Peak-to-average Ratio(PAR)

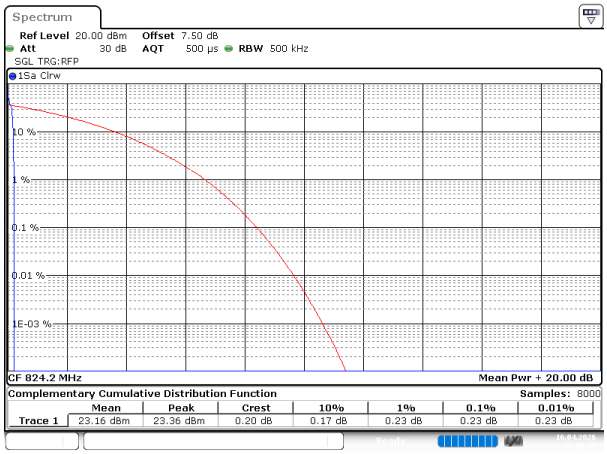
FCC Part 22H

GSM 850, Normal

Mode	Result (dB)	Limit (dB)
GSM_Low	0.23	13
GSM_Middle	0.20	13
GSM_High	0.26	13

GSM 850, Normal

GSM_Low



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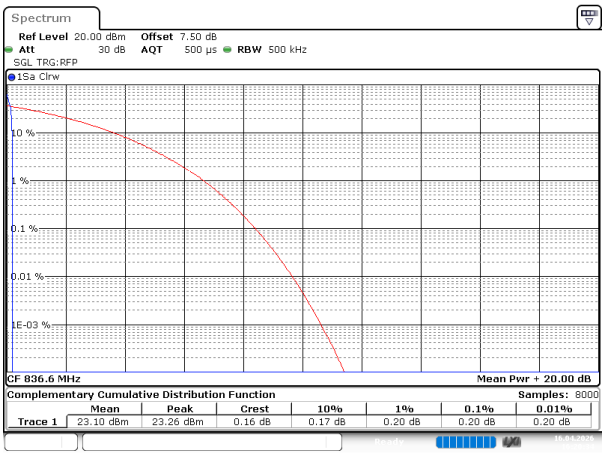
GSM_Middle



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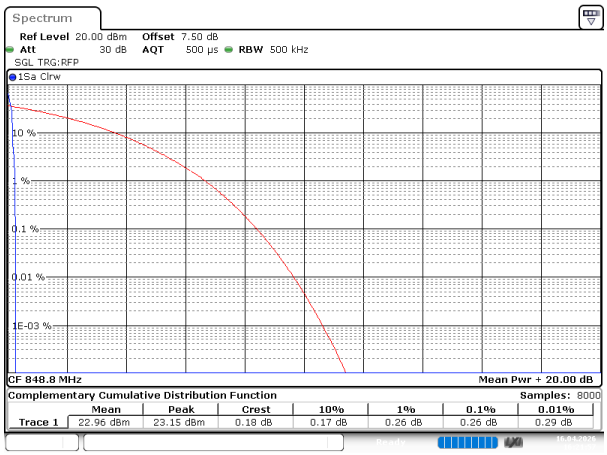
GSM_High



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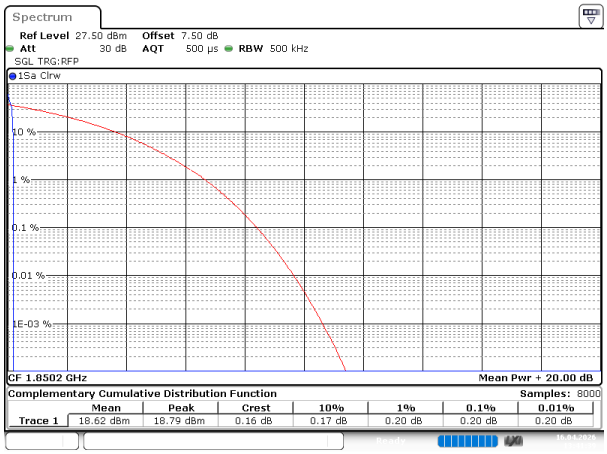
FCC Part 24E

GSM 1900, Normal

Mode	Result (dB)	Limit (dB)
GSM_Low	0.20	13
GSM_Middle	0.23	13
GSM_High	0.26	13

GSM 1900, Normal

GSM_Low



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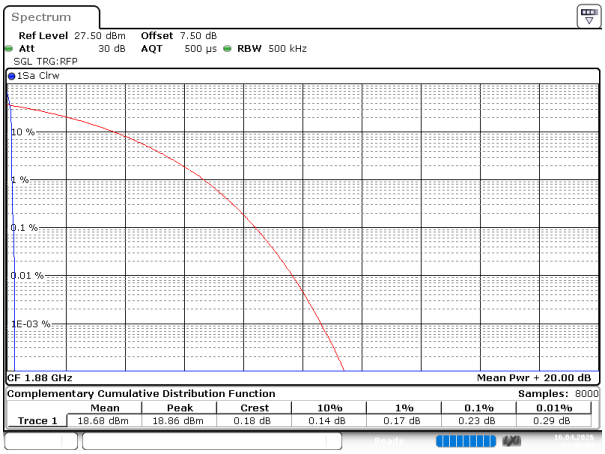
GSM_Middle



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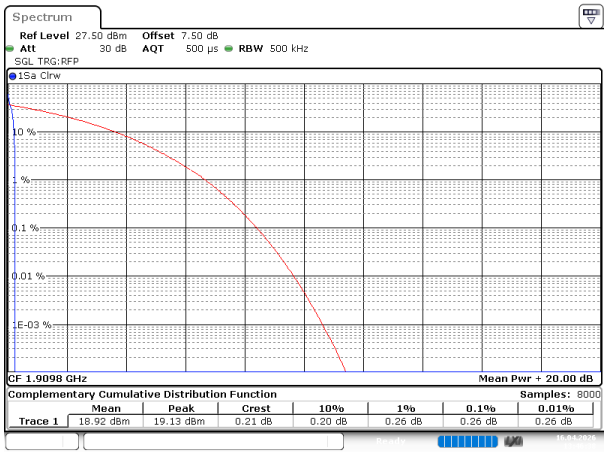
GSM_High



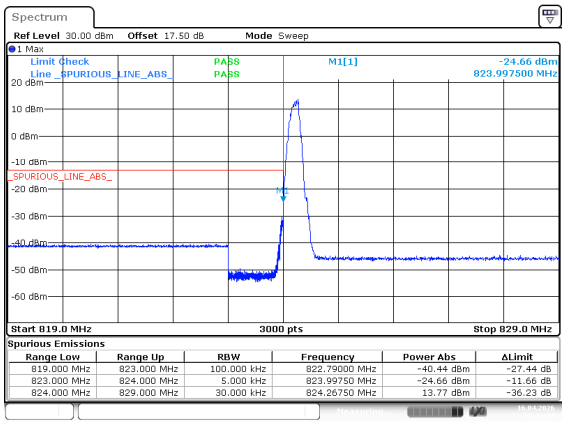
ProjectNo.:2602R09298E-RF Tester:Loge Long
Date: 16.APR.2026 13:46:38

Out of band emission,Band Edge

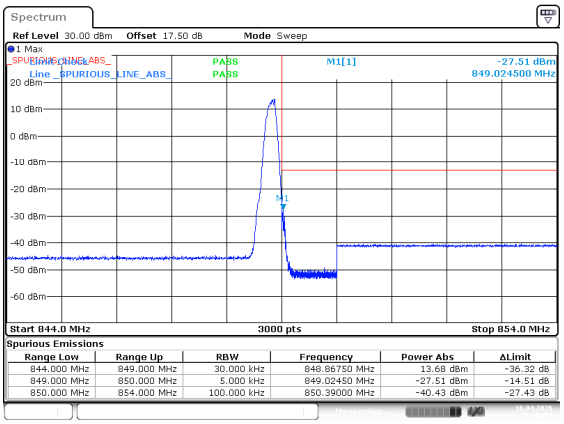
FCC Part 22H

GSM 850, Normal

GSM_Low



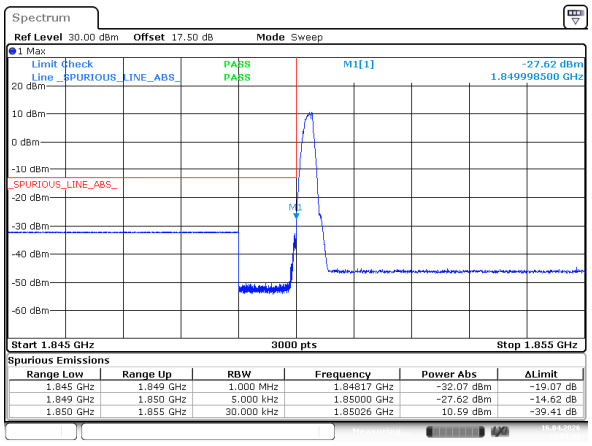
GSM_High



FCC Part 24E

GSM 1900, Normal

GSM_Low



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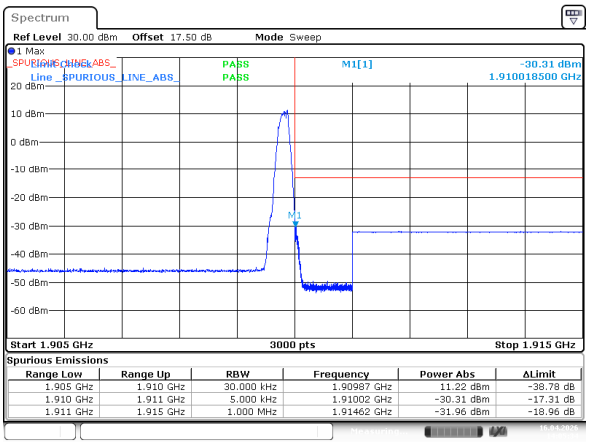
GSM_High



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Date: 16.APR.2026 14:05:34

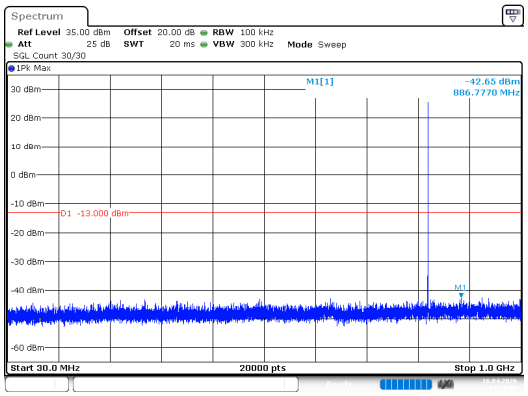
Spurious Emissions at Antenna Terminal

FCC Part 22H

GSM 850, Normal

GSM_Low

Below 1G



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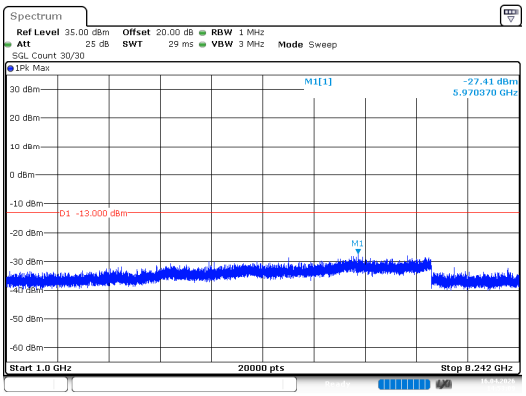

GSM_Middle

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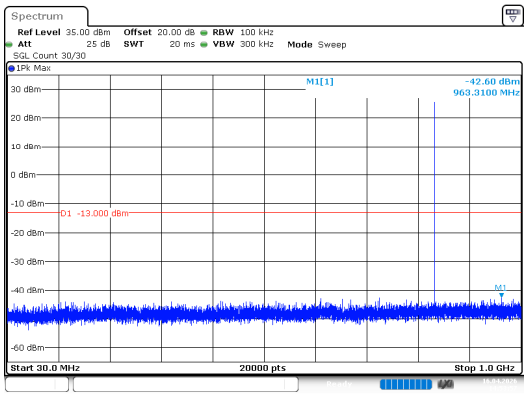

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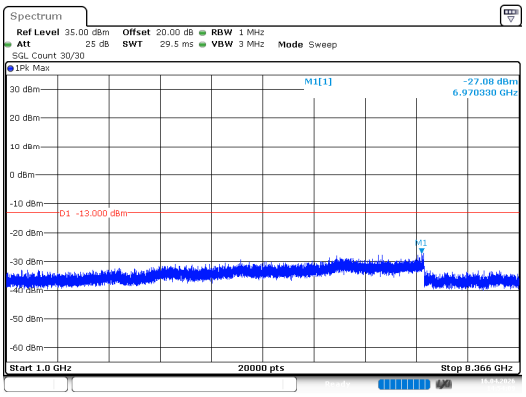

GSM_High

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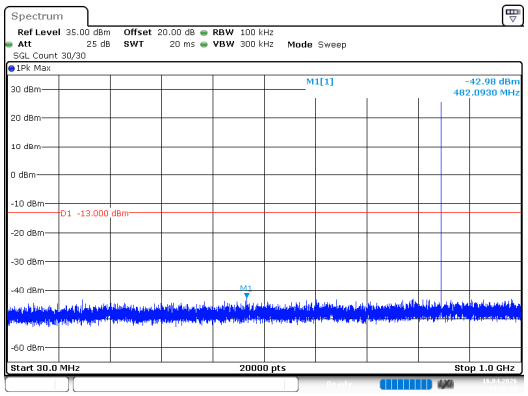

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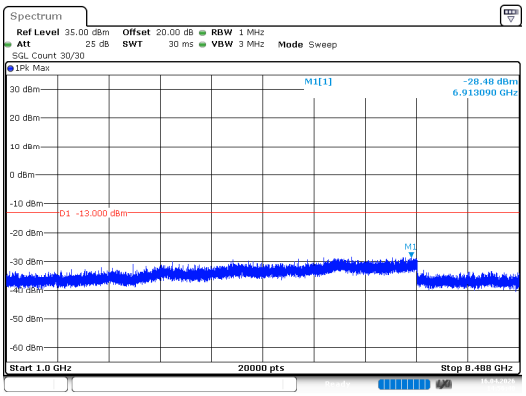
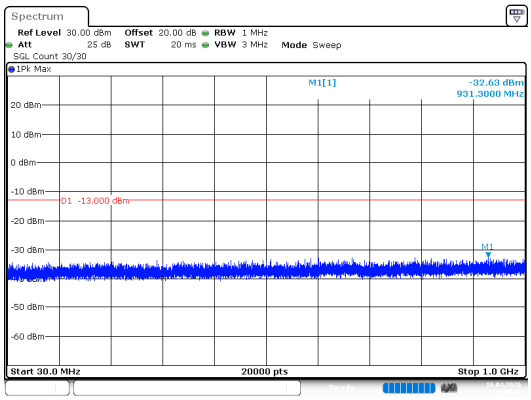


FCC Part 24E

GSM 1900, Normal

GSM_Low

Below 1G



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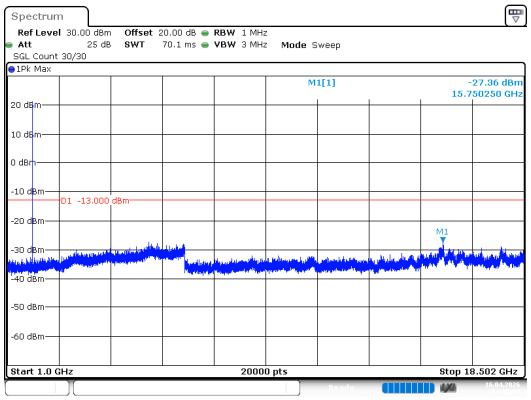

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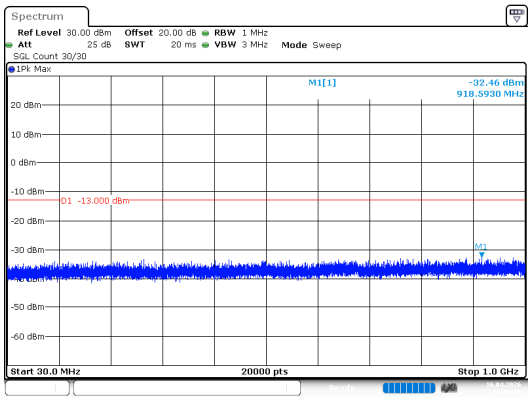
Date: 16.APR.2026 14:41:04

GSM_Middle

Below 1G



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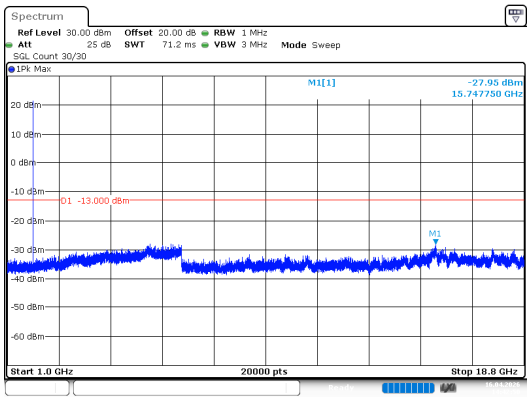

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GSM_High

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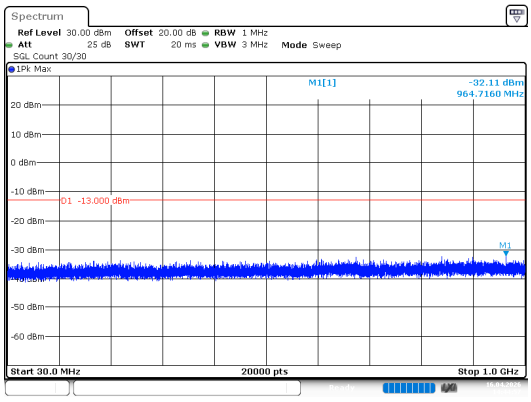

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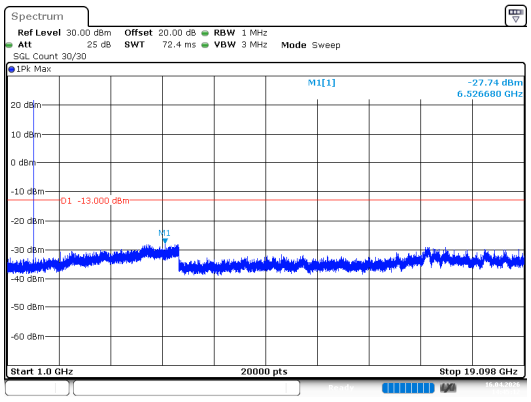

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***** END *****