

Appendix A

Test Information:

Serial No.:	3E2B-3	Test Date:	2026/01/05~2026/01/06
Test Site:	RF	Test Mode:	Transmitting
Tester:	Loge Long	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	18.9~24.1	Relative Humidity: (%)	36~39	ATM Pressure: (kPa)	101.5~102
----------------------	-----------	---------------------------	-------	------------------------	-----------

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Minl-Clrcuts	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/02/25	2026/02/24
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-EM504	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
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	-6.94	-0.0083	±2.5	Pass
GSM_Middle_T1/VN	836.6	3.03	0.0036	±2.5	Pass
GSM_Middle_T2/VN	836.6	5.07	0.0061	±2.5	Pass
GSM_Middle_T3/VN	836.6	-6.94	-0.0083	±2.5	Pass
GSM_Middle_T4/VN	836.6	4.04	0.0048	±2.5	Pass
GSM_Middle_T5/VN	836.6	-16.27	-0.0194	±2.5	Pass
GSM_Middle_T6/VN	836.6	0.55	0.0007	±2.5	Pass
GSM_Middle_T7/VN	836.6	-4.00	-0.0048	±2.5	Pass
GSM_Middle_T8/VN	836.6	-10.65	-0.0127	±2.5	Pass
GSM_Middle_TN/VH	836.6	-7.39	-0.0088	±2.5	Pass
GSM_Middle_TN/VL	836.6	-10.56	-0.0126	±2.5	Pass
EDGE_Middle_8PSK_TN/VN	836.6	4.91	0.0059	±2.5	Pass
EDGE_Middle_8PSK_T1/VN	836.6	1.55	0.0019	±2.5	Pass
EDGE_Middle_8PSK_T2/VN	836.6	-2.07	-0.0025	±2.5	Pass
EDGE_Middle_8PSK_T3/VN	836.6	-2.13	-0.0025	±2.5	Pass
EDGE_Middle_8PSK_T4/VN	836.6	-3.91	-0.0047	±2.5	Pass
EDGE_Middle_8PSK_T5/VN	836.6	1.74	0.0021	±2.5	Pass
EDGE_Middle_8PSK_T6/VN	836.6	0.23	0.0003	±2.5	Pass
EDGE_Middle_8PSK_T7/VN	836.6	1.45	0.0017	±2.5	Pass
EDGE_Middle_8PSK_T8/VN	836.6	4.65	0.0056	±2.5	Pass
EDGE_Middle_8PSK_TN/VH	836.6	0.29	0.0003	±2.5	Pass
EDGE_Middle_8PSK_TN/VL	836.6	4.75	0.0057	±2.5	Pass

Note:
Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10⁶
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	1850.081	1850	Pass
GSM_Low_T1/VN	1850.082	1850	Pass
GSM_Low_T2/VN	1850.080	1850	Pass
GSM_Low_T3/VN	1850.082	1850	Pass
GSM_Low_T4/VN	1850.077	1850	Pass
GSM_Low_T5/VN	1850.080	1850	Pass
GSM_Low_T6/VN	1850.080	1850	Pass
GSM_Low_T7/VN	1850.081	1850	Pass
GSM_Low_T8/VN	1850.082	1850	Pass
GSM_Low_TN/VH	1850.081	1850	Pass
GSM_Low_TN/VL	1850.081	1850	Pass
GSM_High_TN/VN	1909.924	1910	Pass
GSM_High_T1/VN	1909.925	1910	Pass
GSM_High_T2/VN	1909.922	1910	Pass
GSM_High_T3/VN	1909.922	1910	Pass
GSM_High_T4/VN	1909.925	1910	Pass
GSM_High_T5/VN	1909.923	1910	Pass
GSM_High_T6/VN	1909.924	1910	Pass
GSM_High_T7/VN	1909.922	1910	Pass
GSM_High_T8/VN	1909.923	1910	Pass
GSM_High_TN/VH	1909.926	1910	Pass
GSM_High_TN/VL	1909.921	1910	Pass
EDGE_Low_8PSK_TN/VN	1850.078	1850	Pass
EDGE_Low_8PSK_T1/VN	1850.075	1850	Pass
EDGE_Low_8PSK_T2/VN	1850.082	1850	Pass
EDGE_Low_8PSK_T3/VN	1850.082	1850	Pass
EDGE_Low_8PSK_T4/VN	1850.082	1850	Pass
EDGE_Low_8PSK_T5/VN	1850.084	1850	Pass
EDGE_Low_8PSK_T6/VN	1850.079	1850	Pass
EDGE_Low_8PSK_T7/VN	1850.078	1850	Pass

Mode	Result (MHz)	Limit (MHz)	Verdict
EDGE_Low_8PSK_T8/VN	1850.079	1850	Pass
EDGE_Low_8PSK_TN/VH	1850.075	1850	Pass
EDGE_Low_8PSK_TN/VL	1850.075	1850	Pass
EDGE_High_8PSK_TN/VN	1909.929	1910	Pass
EDGE_High_8PSK_T1/VN	1909.919	1910	Pass
EDGE_High_8PSK_T2/VN	1909.927	1910	Pass
EDGE_High_8PSK_T3/VN	1909.922	1910	Pass
EDGE_High_8PSK_T4/VN	1909.925	1910	Pass
EDGE_High_8PSK_T5/VN	1909.925	1910	Pass
EDGE_High_8PSK_T6/VN	1909.924	1910	Pass
EDGE_High_8PSK_T7/VN	1909.925	1910	Pass
EDGE_High_8PSK_T8/VN	1909.916	1910	Pass
EDGE_High_8PSK_TN/VH	1909.926	1910	Pass
EDGE_High_8PSK_TN/VL	1909.923	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

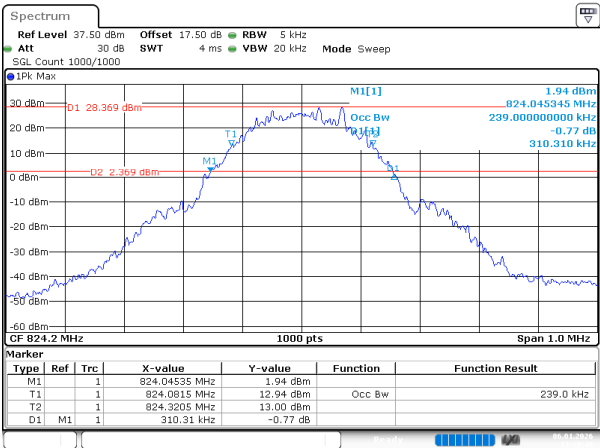
FCC Part 22H

GSM 850, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
GSM_Low	0.239	0.310
GSM_Middle	0.240	0.309
GSM_High	0.241	0.309
EDGE_Low_8PSK	0.248	0.313
EDGE_Middle_8PSK	0.246	0.317
EDGE_High_8PSK	0.241	0.309

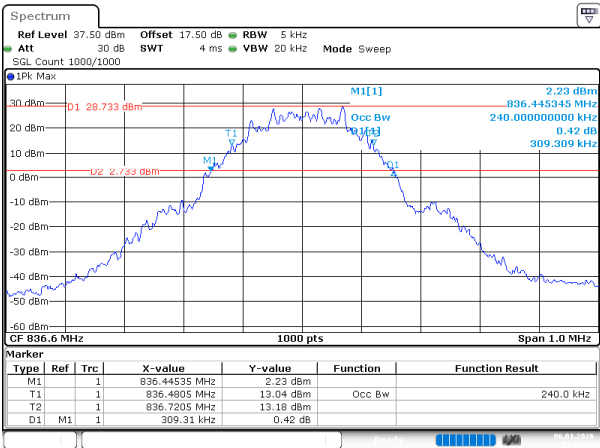
GSM 850, Normal

GSM_Low



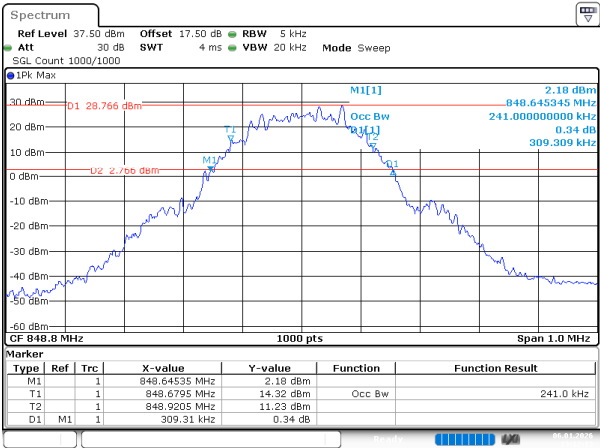
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:10:49

GSM_Middle



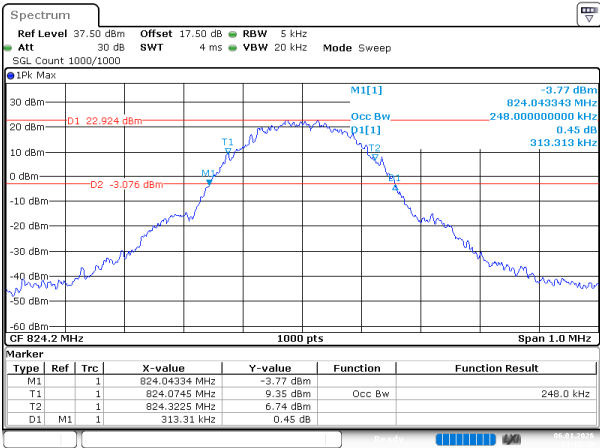
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:11:30

GSM_High



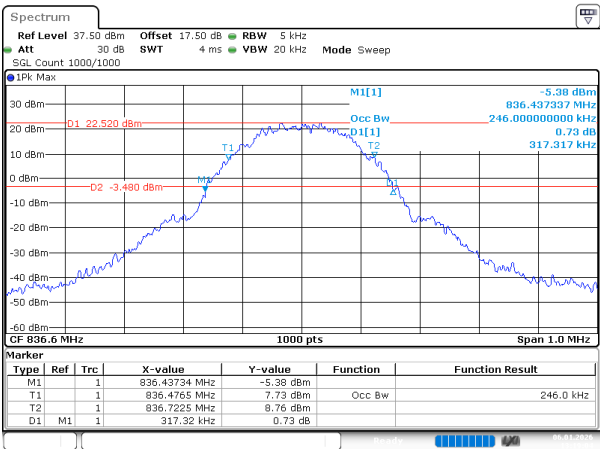
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:12:13

EDGE_Low_8PSK



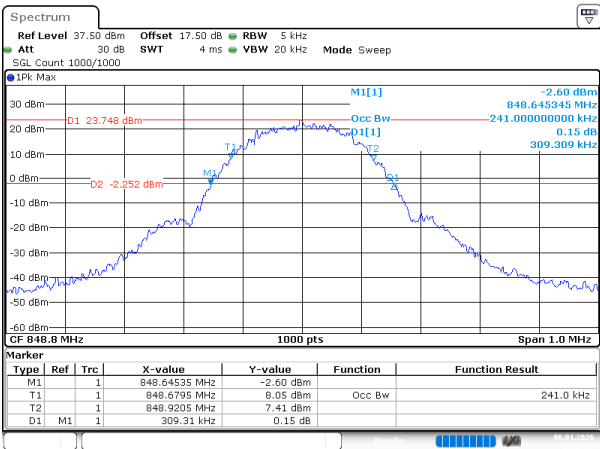
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:18:30

EDGE_Middle_8PSK



ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:19:04

EDGE_High_8PSK



ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:19:39

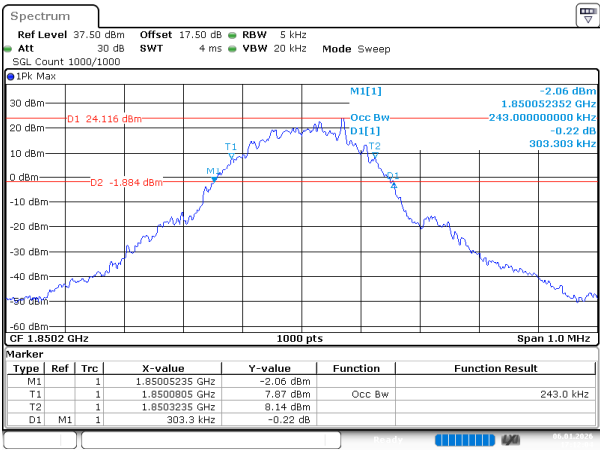
FCC Part 24E

GSM 1900, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
GSM_Low	0.243	0.303
GSM_Middle	0.240	0.307
GSM_High	0.240	0.300
EDGE_Low_8PSK	0.245	0.318
EDGE_Middle_8PSK	0.249	0.318
EDGE_High_8PSK	0.241	0.313

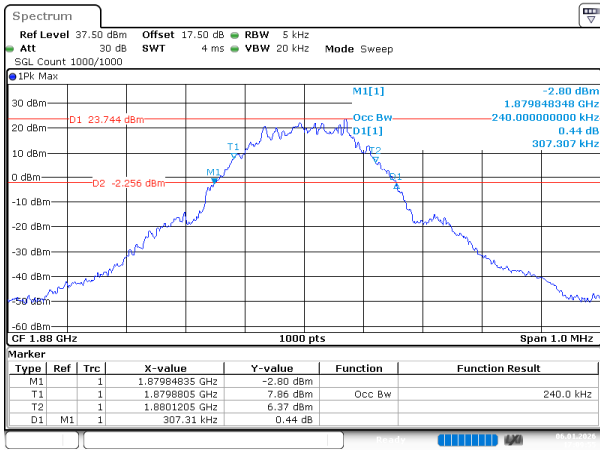
GSM 1900, Normal

GSM_Low



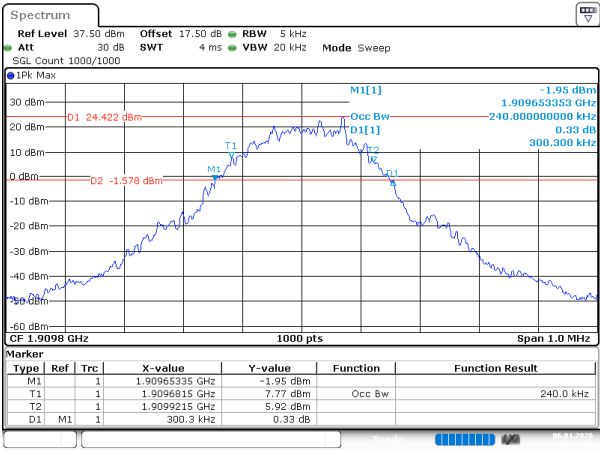
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 17:12:04

GSM_Middle



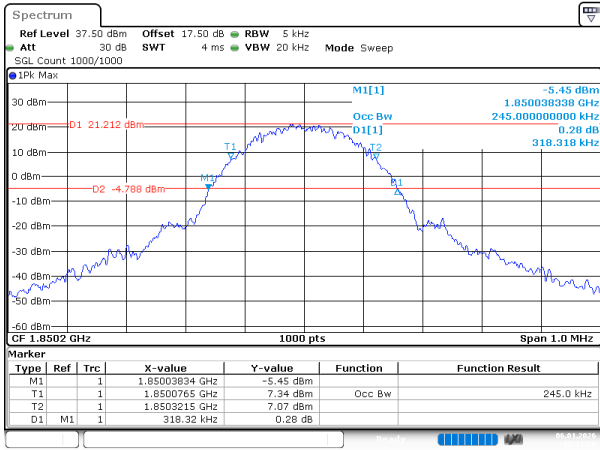
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 17:09:55

GSM_High



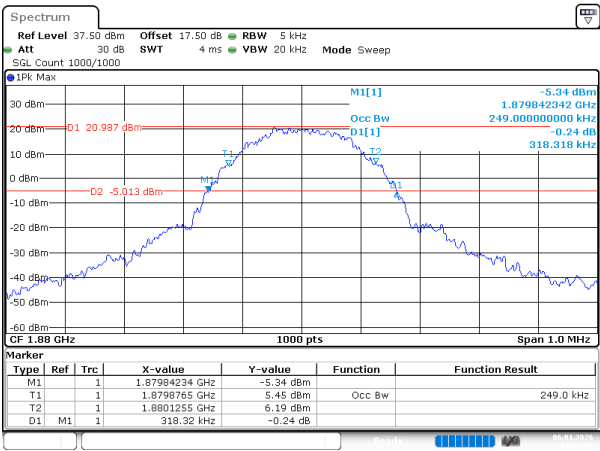
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 17:13:56

EDGE_Low_8PSK



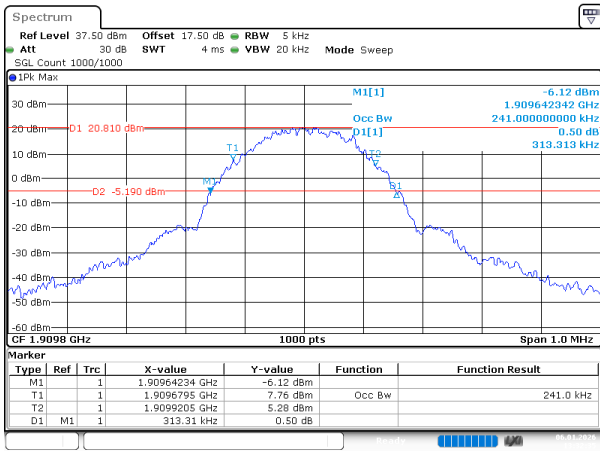
ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:31:20

EDGE_Middle_8PSK



ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:31:58

EDGE_High_8PSK



ProjectNo.:2502A23267E-RF Tester:Loge Long
Date: 6.JAN.2026 13:32:35

RF Output Power

FCC Part 22H

GSM 850, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
GSM_Low	32.91	30.02	38.45	Pass
GSM_Middle	32.91	30.02	38.45	Pass
GSM_High	32.86	29.97	38.45	Pass
GPRS_Low_Slot1	32.92	30.03	38.45	Pass
GPRS_Low_Slot2	30.91	28.02	38.45	Pass
GPRS_Low_Slot3	29.07	26.18	38.45	Pass
GPRS_Low_Slot4	26.94	24.05	38.45	Pass
GPRS_Middle_Slot1	32.89	30.00	38.45	Pass
GPRS_Middle_Slot2	30.94	28.05	38.45	Pass
GPRS_Middle_Slot3	29.13	26.24	38.45	Pass
GPRS_Middle_Slot4	27.09	24.20	38.45	Pass
GPRS_High_Slot1	32.84	29.95	38.45	Pass
GPRS_High_Slot2	30.91	28.02	38.45	Pass
GPRS_High_Slot3	29.13	26.24	38.45	Pass
GPRS_High_Slot4	27.13	24.24	38.45	Pass
EDGE_Low_Slot1	28.28	25.39	38.45	Pass
EDGE_Low_Slot2	26.75	23.86	38.45	Pass
EDGE_Low_Slot3	24.42	21.53	38.45	Pass
EDGE_Low_Slot4	22.14	19.25	38.45	Pass
EDGE_Middle_Slot1	27.83	24.94	38.45	Pass
EDGE_Middle_Slot2	26.61	23.72	38.45	Pass
EDGE_Middle_Slot3	24.35	21.46	38.45	Pass
EDGE_Middle_Slot4	22.04	19.15	38.45	Pass
EDGE_High_Slot1	27.81	24.92	38.45	Pass
EDGE_High_Slot2	26.58	23.69	38.45	Pass
EDGE_High_Slot3	24.23	21.34	38.45	Pass
EDGE_High_Slot4	21.87	18.98	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 = -0.74dBi;

2.Cable Loss = 0dB.

FCC Part 24E

GSM 1900, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
GSM_Low	29.91	30.73	33	Pass
GSM_Middle	29.56	30.38	33	Pass
GSM_High	29.67	30.49	33	Pass
GPRS_Low_Slot1	29.58	30.40	33	Pass
GPRS_Low_Slot2	27.37	28.19	33	Pass
GPRS_Low_Slot3	25.73	26.55	33	Pass
GPRS_Low_Slot4	23.76	24.58	33	Pass
GPRS_Middle_Slot1	29.58	30.40	33	Pass
GPRS_Middle_Slot2	27.40	28.22	33	Pass
GPRS_Middle_Slot3	25.77	26.59	33	Pass
GPRS_Middle_Slot4	23.80	24.62	33	Pass
GPRS_High_Slot1	29.71	30.53	33	Pass
GPRS_High_Slot2	27.40	28.22	33	Pass
GPRS_High_Slot3	25.78	26.60	33	Pass
GPRS_High_Slot4	23.80	24.62	33	Pass
EDGE_Low_Slot1	27.77	28.59	33	Pass
EDGE_Low_Slot2	26.00	26.82	33	Pass
EDGE_Low_Slot3	24.41	25.23	33	Pass
EDGE_Low_Slot4	20.76	21.58	33	Pass
EDGE_Middle_Slot1	27.35	28.17	33	Pass
EDGE_Middle_Slot2	25.86	26.68	33	Pass
EDGE_Middle_Slot3	25.01	25.83	33	Pass
EDGE_Middle_Slot4	21.94	22.76	33	Pass
EDGE_High_Slot1	26.67	27.49	33	Pass
EDGE_High_Slot2	25.24	26.06	33	Pass
EDGE_High_Slot3	24.77	25.59	33	Pass
EDGE_High_Slot4	21.34	22.16	33	Pass

Note:

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

- 1.Antenna Gain = 0.82dBi;
- 2.Cable Loss = 0dB.

Peak-to-average Ratio(PAR)

FCC Part 22H

GSM 850, Normal

Mode	Result (dB)	Limit (dB)
GSM_Low	0.20	13
GSM_Middle	0.20	13
GSM_High	0.29	13

FCC Part 24E

GSM 1900, Normal

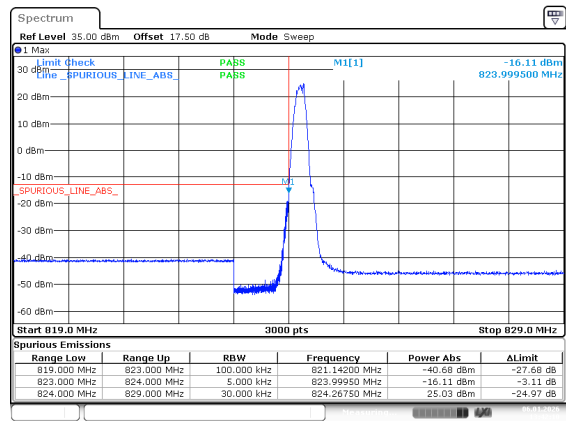
Mode	Result (dB)	Limit (dB)
GSM_Low	0.23	13
GSM_Middle	0.26	13
GSM_High	0.23	13

Out of band emission,Band Edge

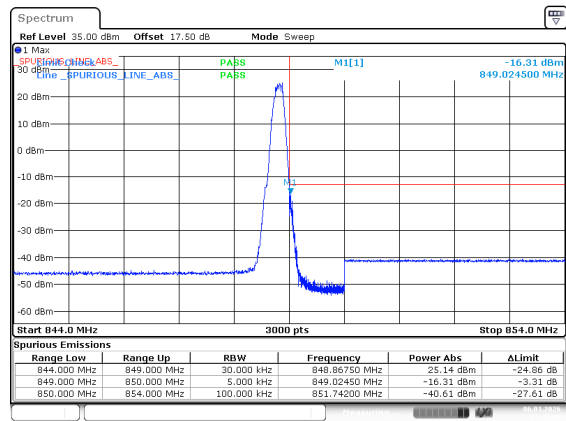
FCC Part 22H

GSM 850, Normal

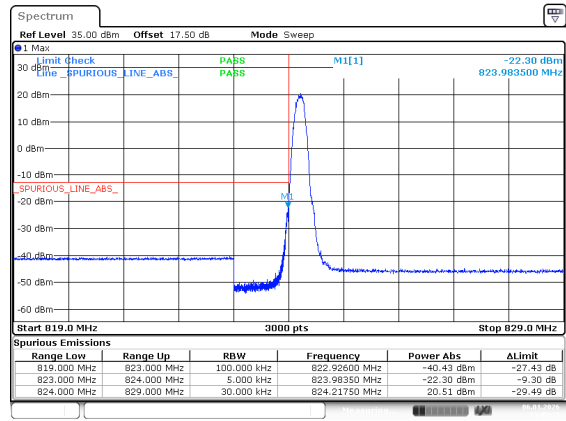
GSM_Low



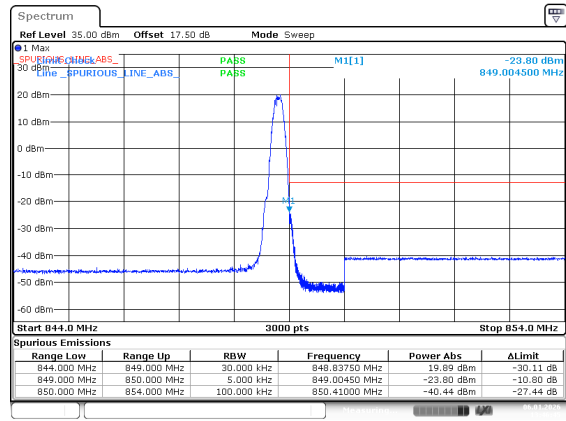
GSM_High



EDGE_Low_8PSK



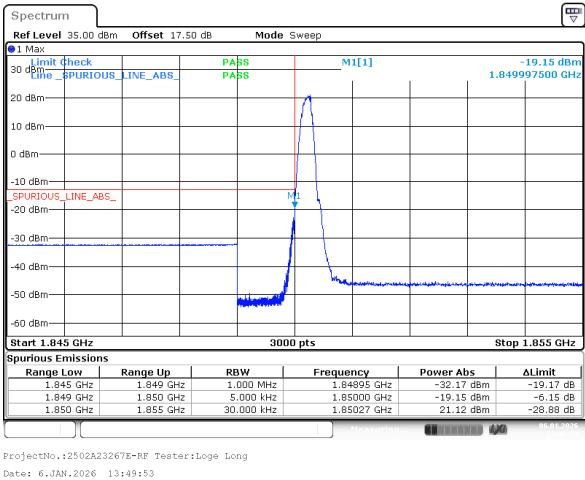
EDGE_High_8PSK



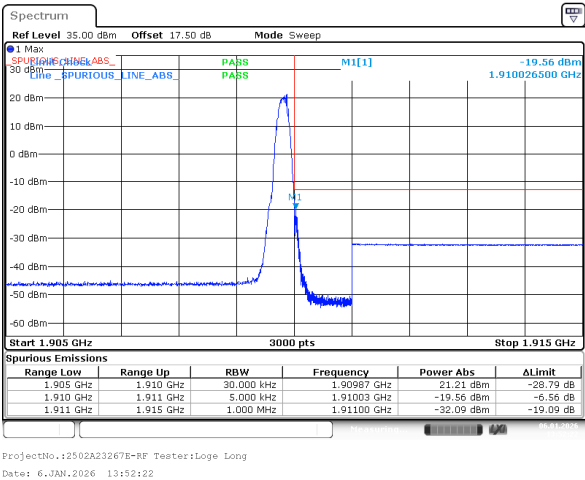
FCC Part 24E

GSM 1900, Normal

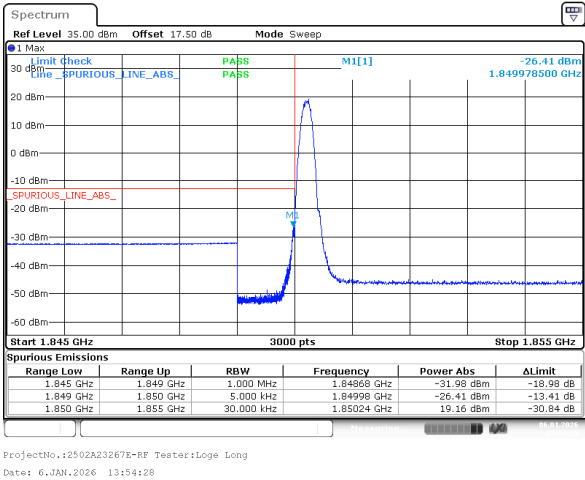
GSM_Low



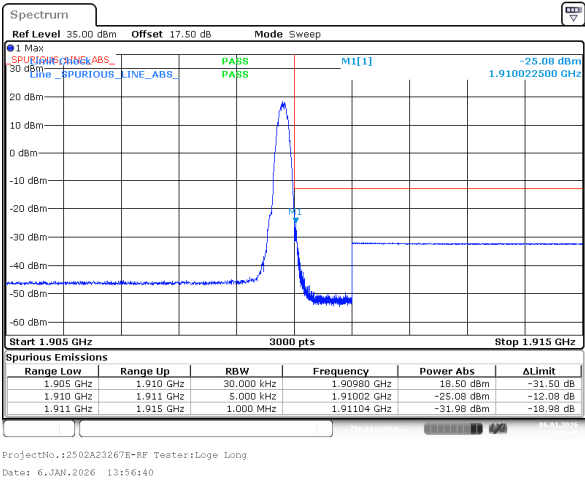
GSM_High



EDGE_Low_8PSK



EDGE_High_8PSK

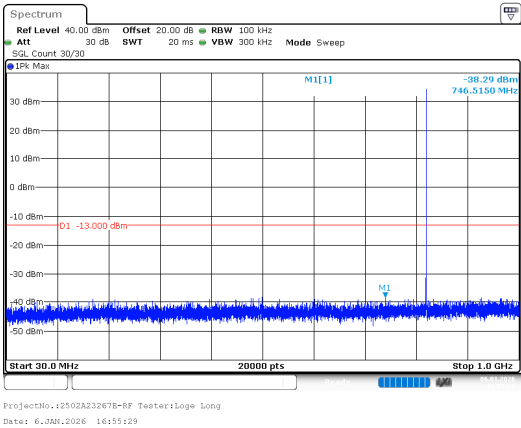


Spurious Emissions at Antenna Terminal

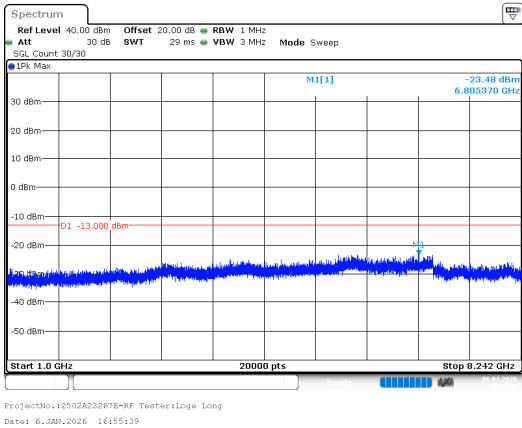
FCC Part 22H
GSM 850, Normal

GSM_Low

Below 1G

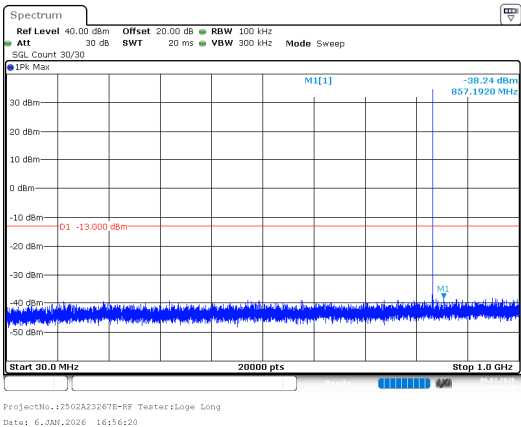


Above 1G

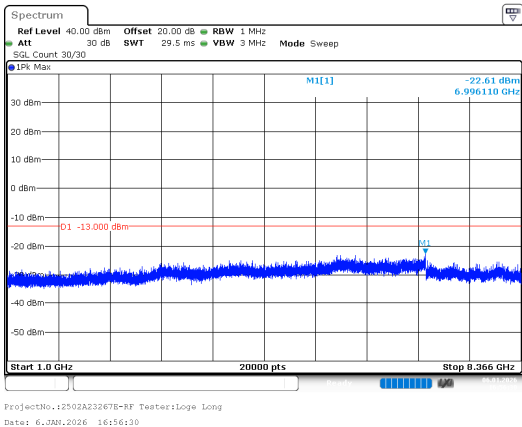


GSM_Middle

Below 1G

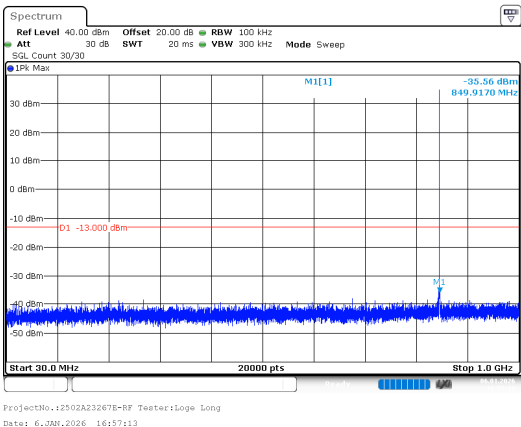


Above 1G

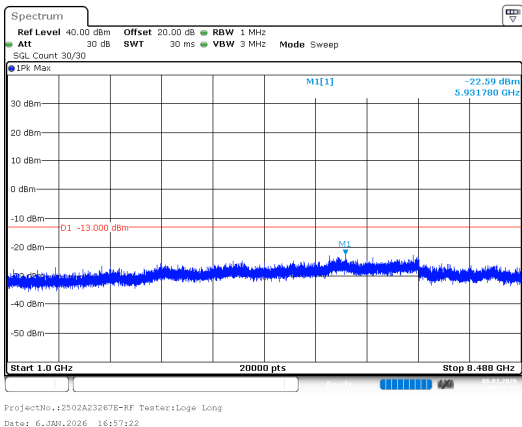


GSM_High

Below 1G



Above 1G

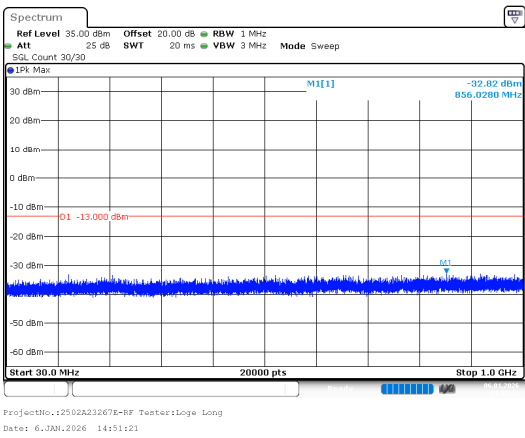


FCC Part 24E

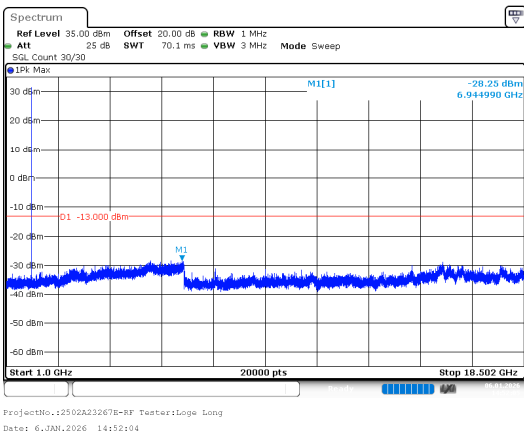
GSM 1900, Normal

GSM_Low

Below 1G

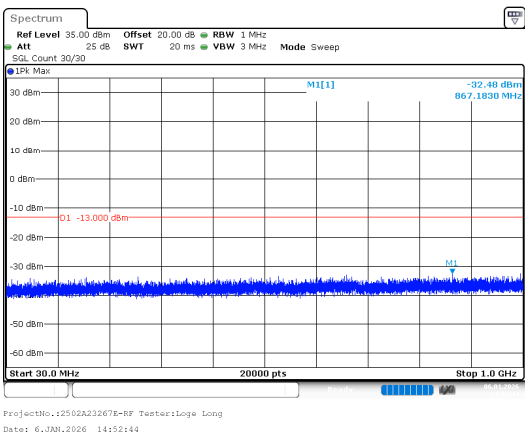


Above 1G

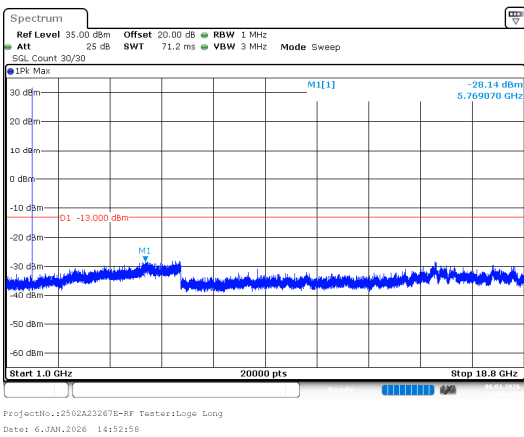


GSM_Middle

Below 1G

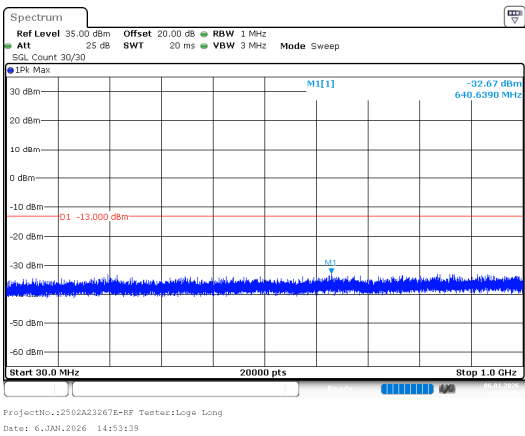


Above 1G

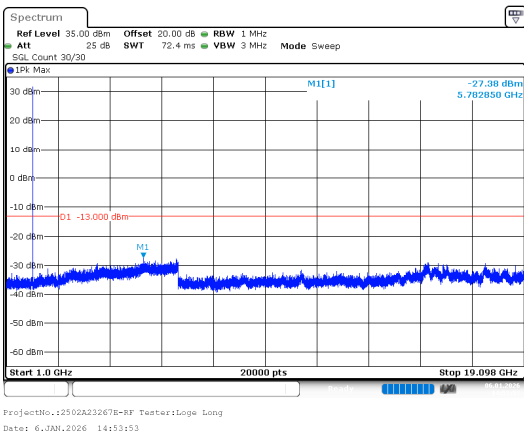


GSM_High

Below 1G



Above 1G



***** END *****