Appendix A

Test Information:

Serial No.:	36BQ-2	**Test Date:**	2025/07/18
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Loge Long	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	28.3	**Relative Humidity: (%)**	65	**ATM Pressure: (kPa)**	100.2

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15
R&S	Spectrum Analyzer	FSV40	101947	2024/09/05	2025/09/04
R&S	Wideband Radio Communication Tester	CMW500	149216	2024/09/05	2025/09/04
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30173	2024/09/06	2025/09/05
Minl-Clrcuits	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
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2025/06/07	2026/06/06
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A
Eastsheep	Coaxial Attenuator	5W-N-JK-6G-10dB	F-08-EM502	2025/06/07	2026/06/06

** 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

IC RSS 132

GSM 850

Mode	Result (MHz)	Limit (MHz)	Verdict
GSM_Low_TN/VN	824.080	824	Pass
GSM_Low_T1/VN	824.080	824	Pass
GSM_Low_T2/VN	824.079	824	Pass
GSM_Low_T3/VN	824.080	824	Pass
GSM_Low_T4/VN	824.081	824	Pass
GSM_Low_T5/VN	824.082	824	Pass
GSM_Low_T6/VN	824.078	824	Pass
GSM_Low_T7/VN	824.080	824	Pass
GSM_Low_T8/VN	824.081	824	Pass
GSM_Low_TN/VH	824.080	824	Pass
GSM_Low_TN/VL	824.079	824	Pass
GSM_High_TN/VN	848.924	849	Pass
GSM_High_T1/VN	848.925	849	Pass
GSM_High_T2/VN	848.924	849	Pass
GSM_High_T3/VN	848.924	849	Pass
GSM_High_T4/VN	848.923	849	Pass
GSM_High_T5/VN	848.924	849	Pass
GSM_High_T6/VN	848.925	849	Pass
GSM_High_T7/VN	848.924	849	Pass
GSM_High_T8/VN	848.924	849	Pass
GSM_High_TN/VH	848.924	849	Pass
GSM_High_TN/VL	848.923	849	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.

FCC Part 22H

GSM 850

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
GSM_Middle_TN/VN	836.6	1.6	0.0019	±2.5	Pass
GSM_Middle_T1/VN	836.6	2.5	0.0029	±2.5	Pass
GSM_Middle_T2/VN	836.6	-3.8	-0.0046	±2.5	Pass
GSM_Middle_T3/VN	836.6	0.7	0.0008	±2.5	Pass
GSM_Middle_T4/VN	836.6	1.9	0.0023	±2.5	Pass
GSM_Middle_T5/VN	836.6	2.9	0.0034	±2.5	Pass
GSM_Middle_T6/VN	836.6	-0.4	-0.0005	±2.5	Pass
GSM_Middle_T7/VN	836.6	1.6	0.0019	±2.5	Pass
GSM_Middle_T8/VN	836.6	1.9	0.0022	±2.5	Pass
GSM_Middle_TN/VH	836.6	-0.5	-0.0006	±2.5	Pass
GSM_Middle_TN/VL	836.6	1.6	0.0019	±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&IC RSS 133

GSM 1900

Mode	Result (MHz)	Limit (MHz)	Verdict
GSM_Low_TN/VN	1850.081	1850	Pass
GSM_Low_T1/VN	1850.079	1850	Pass
GSM_Low_T2/VN	1850.079	1850	Pass
GSM_Low_T3/VN	1850.085	1850	Pass
GSM_Low_T4/VN	1850.080	1850	Pass
GSM_Low_T5/VN	1850.080	1850	Pass
GSM_Low_T6/VN	1850.082	1850	Pass
GSM_Low_T7/VN	1850.079	1850	Pass
GSM_Low_T8/VN	1850.079	1850	Pass
GSM_Low_TN/VH	1850.079	1850	Pass
GSM_Low_TN/VL	1850.080	1850	Pass
GSM_High_TN/VN	1909.925	1910	Pass
GSM_High_T1/VN	1909.926	1910	Pass
GSM_High_T2/VN	1909.926	1910	Pass
GSM_High_T3/VN	1909.926	1910	Pass
GSM_High_T4/VN	1909.924	1910	Pass
GSM_High_T5/VN	1909.922	1910	Pass
GSM_High_T6/VN	1909.926	1910	Pass
GSM_High_T7/VN	1909.927	1910	Pass
GSM_High_T8/VN	1909.922	1910	Pass
GSM_High_TN/VH	1909.923	1910	Pass
GSM_High_TN/VL	1909.926	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

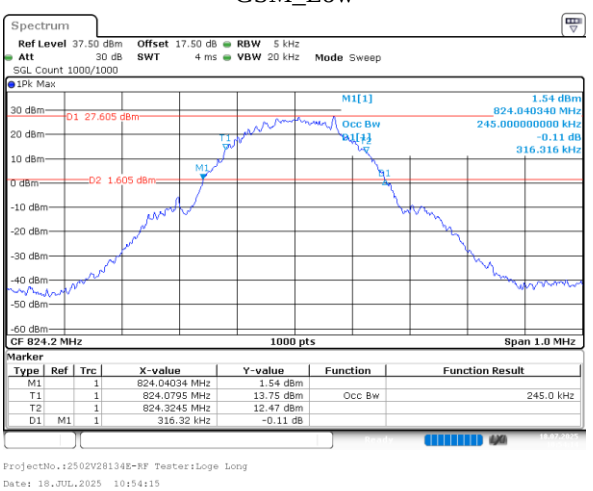
FCC Part 22H&IC RSS 132

GSM 850, Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
GSM_Low	0.245	0.316
GSM_Middle	0.242	0.319
GSM_High	0.245	0.314

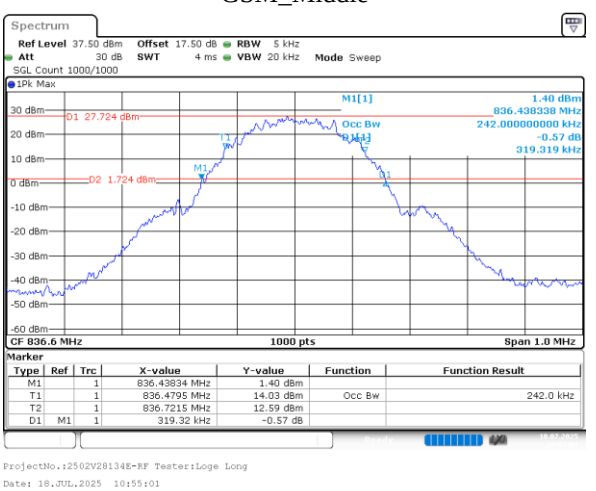
GSM 850, Normal

GSM_Low



ProjectNo.:2502V28134E-RF Tester:Loge Long
Date: 18.JUL.2025 10:54:15

GSM_Middle



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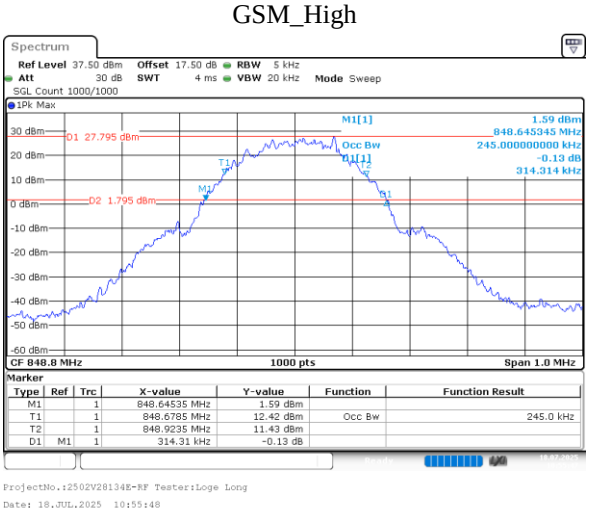
GSM_High



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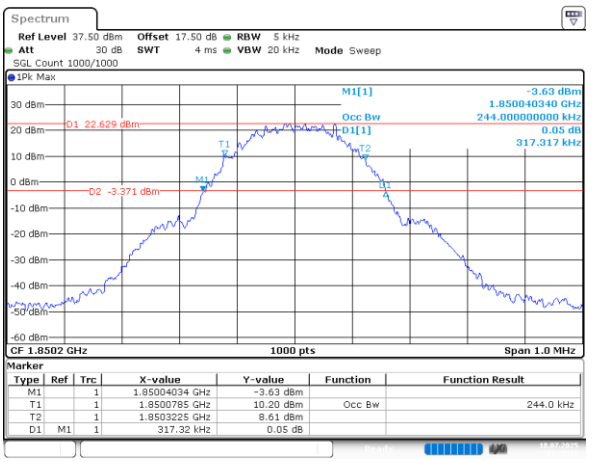
FCC Part 24E&IC RSS 133

GSM 1900, Normal

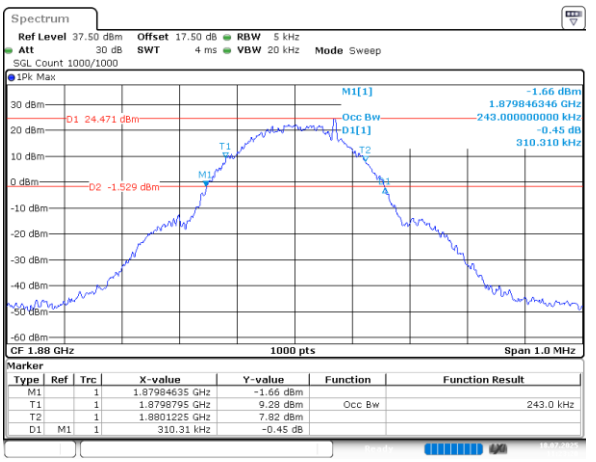
Mode	99% OBW (MHz)	26dB BW (MHz)
GSM_Low	0.244	0.317
GSM_Middle	0.243	0.310
GSM_High	0.244	0.314

GSM 1900, Normal

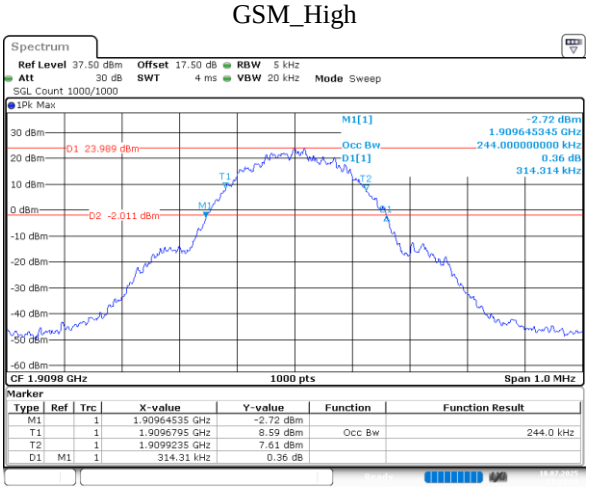
GSM_Low



GSM_Middle



GSM_High



RF Output Power

FCC Part 22H&IC RSS 132

GSM 850, Normal

Mode	Average Conducted Power (dBm)	ERP (dBm)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
GSM_Low	32.60	28.28	38.45	34.77	Pass
GSM_Middle	32.64	28.32	38.45	34.77	Pass
GSM_High	32.64	28.32	38.45	34.77	Pass
GPRS_Low_Slot1	32.60	28.28	38.45	34.77	Pass
GPRS_Low_Slot2	31.88	27.56	38.45	34.77	Pass
GPRS_Low_Slot3	30.25	25.93	38.45	34.77	Pass
GPRS_Low_Slot4	29.21	24.89	38.45	34.77	Pass
GPRS_Middle_Slot1	32.64	28.32	38.45	34.77	Pass
GPRS_Middle_Slot2	31.91	27.59	38.45	34.77	Pass
GPRS_Middle_Slot3	30.27	25.95	38.45	34.77	Pass
GPRS_Middle_Slot4	29.21	24.89	38.45	34.77	Pass
GPRS_High_Slot1	32.64	28.32	38.45	34.77	Pass
GPRS_High_Slot2	31.93	27.61	38.45	34.77	Pass
GPRS_High_Slot3	30.27	25.95	38.45	34.77	Pass
GPRS_High_Slot4	29.19	24.87	38.45	34.77	Pass

Note:
ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)
Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15
1.Antenna Gain = -2.07dBi;
2.Cable Loss = 0.1dB.

FCC Part 24E&IC RSS 133

GSM 1900, Normal

Mode	Average Conducted Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
GSM_Low	28.85	26.64	33	Pass
GSM_Middle	29.02	26.81	33	Pass
GSM_High	29.15	26.94	33	Pass
GPRS_Low_Slot1	28.86	26.65	33	Pass
GPRS_Low_Slot2	28.11	25.90	33	Pass
GPRS_Low_Slot3	26.35	24.14	33	Pass
GPRS_Low_Slot4	25.31	23.10	33	Pass
GPRS_Middle_Slot1	29.04	26.83	33	Pass
GPRS_Middle_Slot2	28.30	26.09	33	Pass
GPRS_Middle_Slot3	26.55	24.34	33	Pass
GPRS_Middle_Slot4	25.51	23.30	33	Pass
GPRS_High_Slot1	29.16	26.95	33	Pass
GPRS_High_Slot2	28.45	26.24	33	Pass
GPRS_High_Slot3	26.73	24.52	33	Pass
GPRS_High_Slot4	25.68	23.47	33	Pass

Note:
EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)
1.Antenna Gain = -2.01dBi;
2.Cable Loss = 0.2dB.

Peak-to-Average Ratio(PAR)

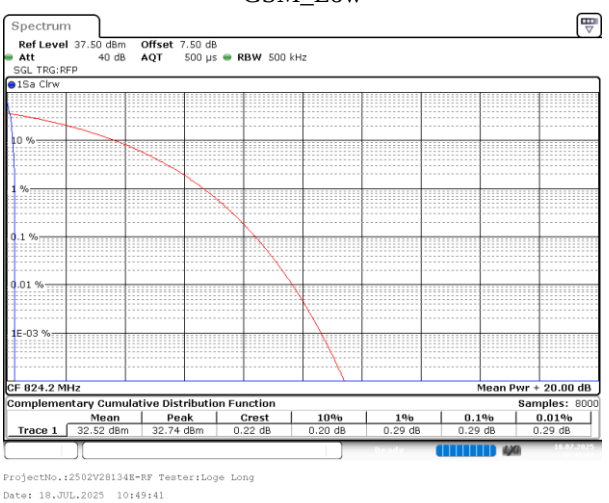
FCC Part 22H&IC RSS 132

GSM 850, Normal

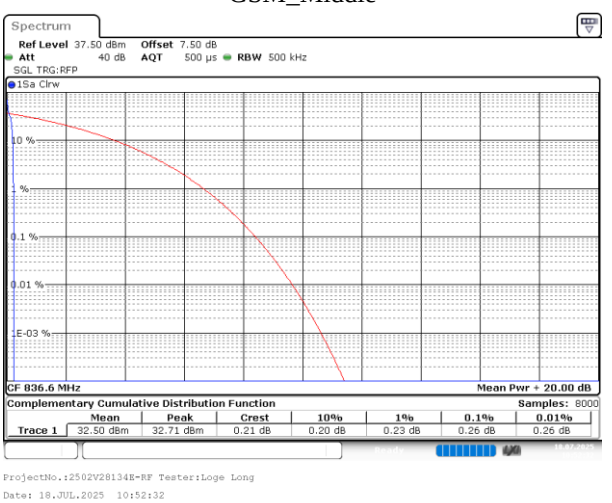
Mode	Result (dB)	Limit (dB)
GSM_Low	0.29	13
GSM_Middle	0.26	13
GSM_High	0.20	13

GSM 850, Normal

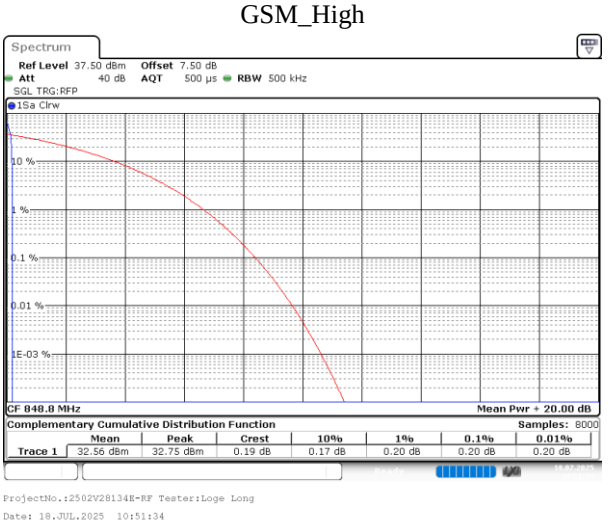
GSM_Low



GSM_Middle



GSM_High



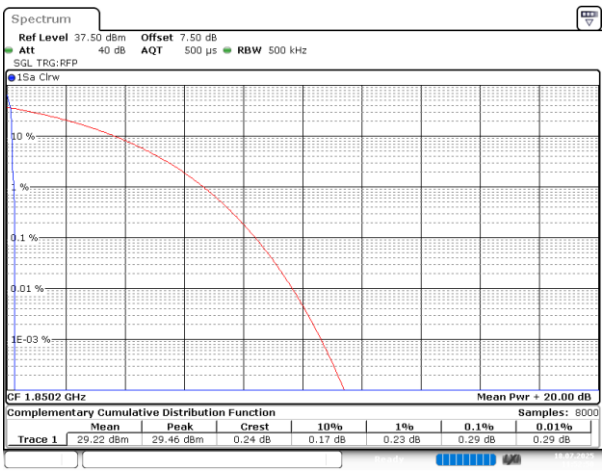
FCC Part 24E&IC RSS 133

GSM 1900, Normal

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

GSM 1900, Normal

GSM_Low



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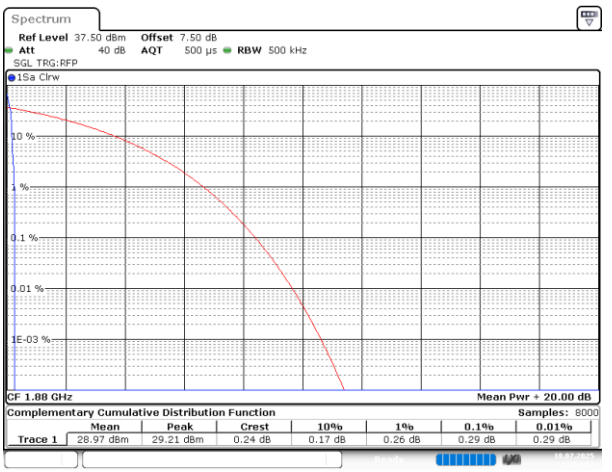
Date: 18.JUL.2025 11:52:50

GSM_Middle



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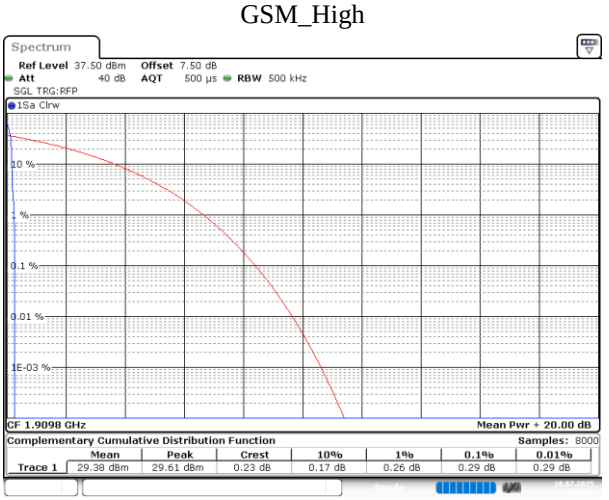
GSM_High



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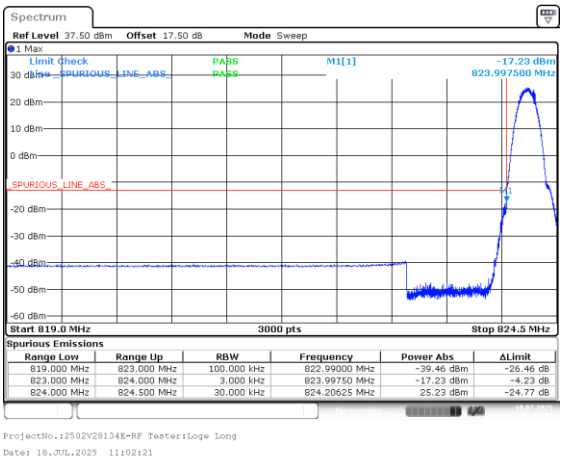
Date: 18.JUL.2025 11:55:19

Out of band emission,Band Edge

FCC Part 22H&IC RSS 132

GSM 850, Normal

GSM_Low



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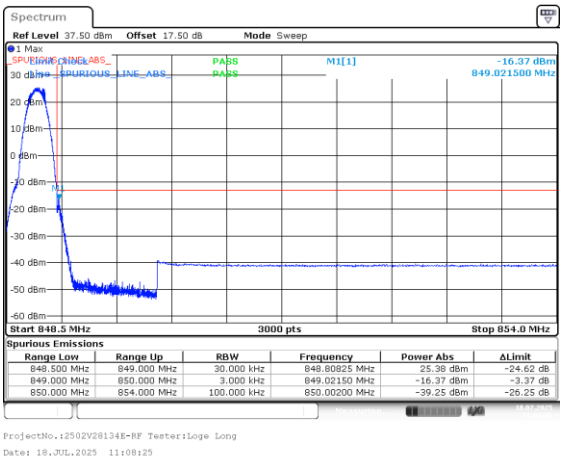
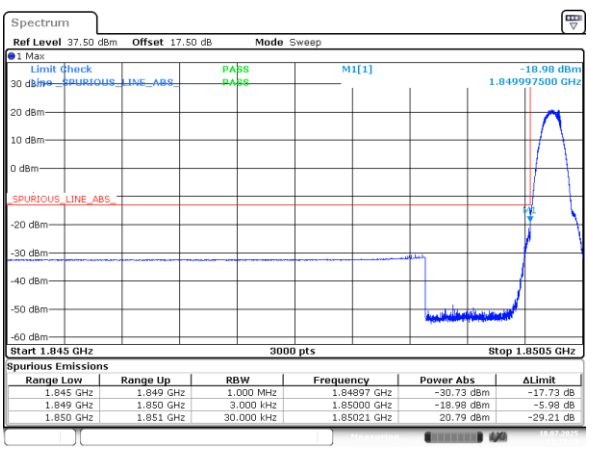


FCC Part 24E&IC RSS 133

GSM 1900, Normal

GSM_Low



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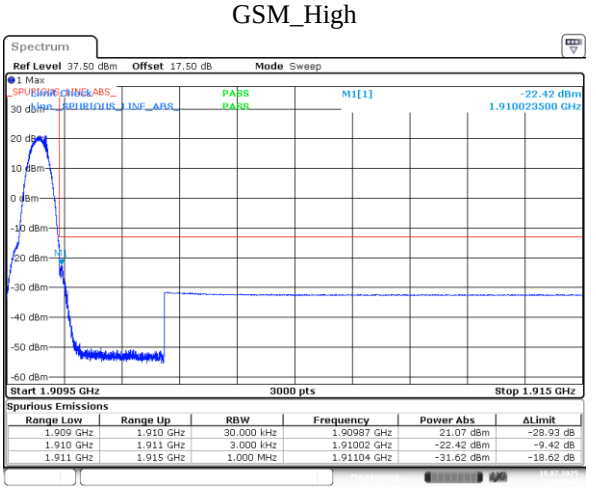


Spurious Emissions at Antenna Terminal

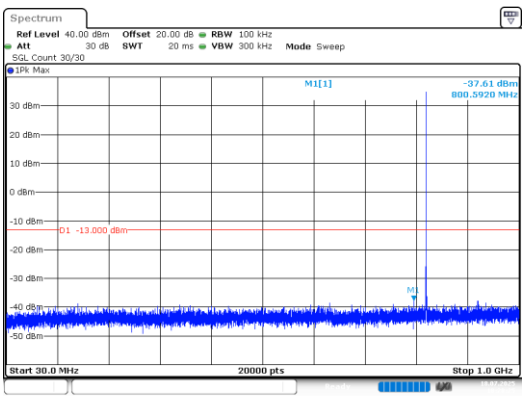
Note: For all bands, the maximum offset setting is applied to configure Conducted Spurious Emissions testing.

FCC Part 22H&IC RSS 132

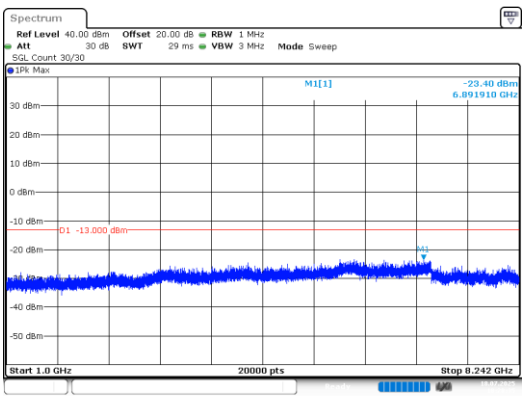
GSM 850, Normal

GSM_Low

Below 1G

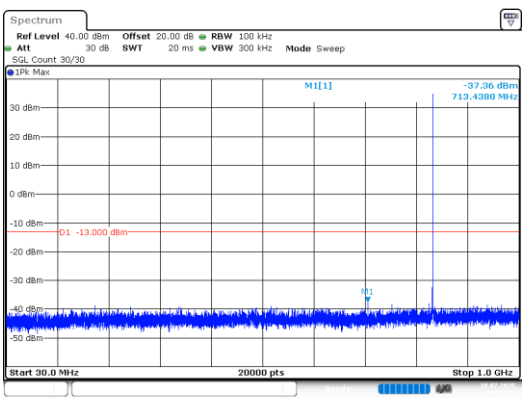


Above 1G



GSM_Middle

Below 1G



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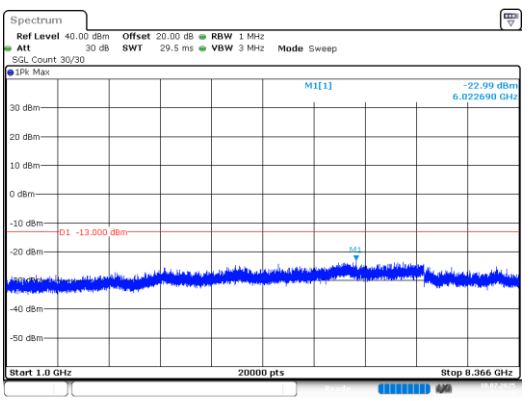
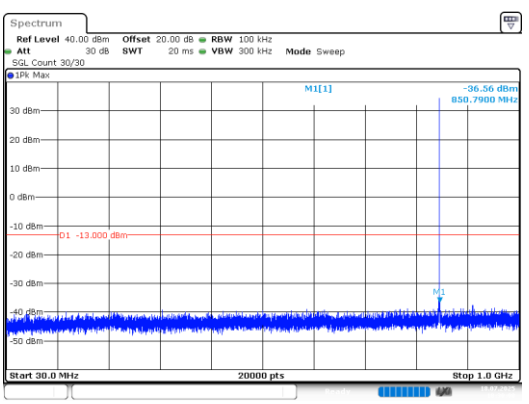


GSM_High

Below 1G



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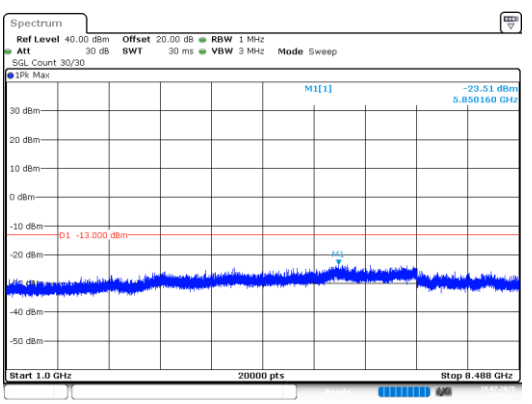
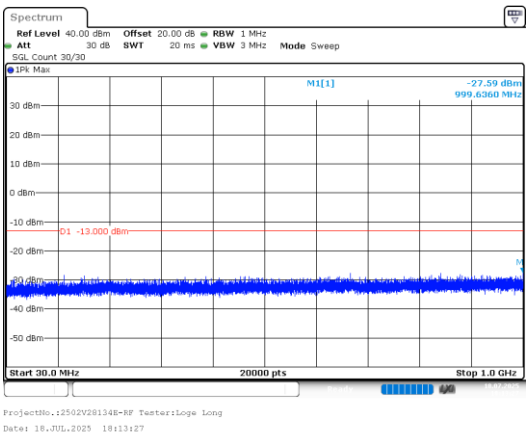


FCC Part 24E&IC RSS 133

GSM 1900, Normal

GSM_Low

Below 1G



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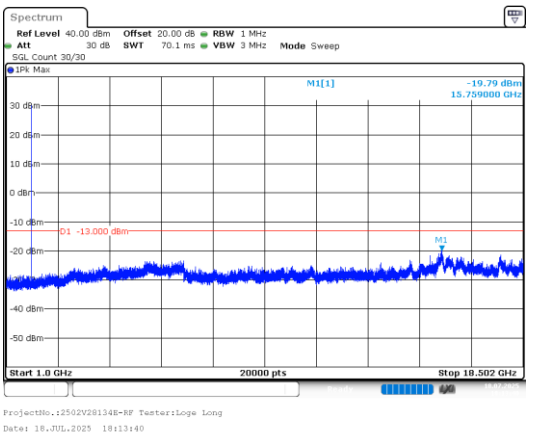
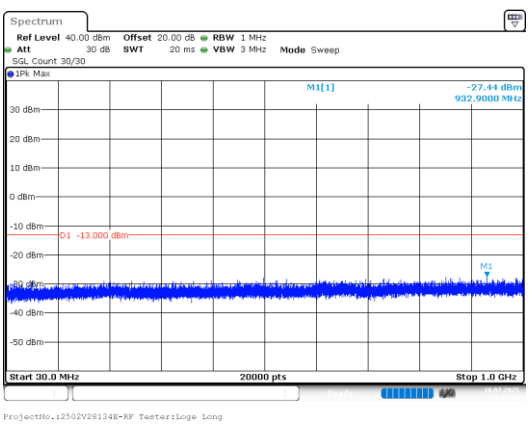
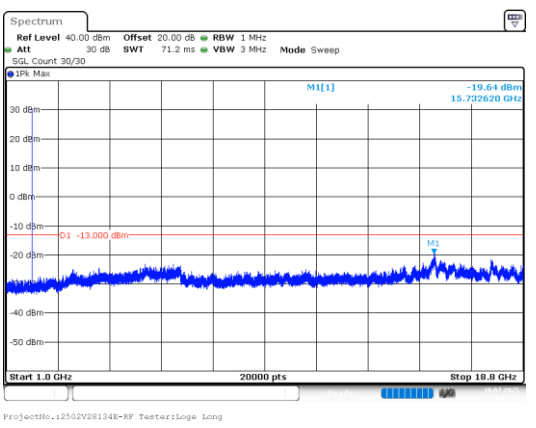


GSM_Middle

Below 1G

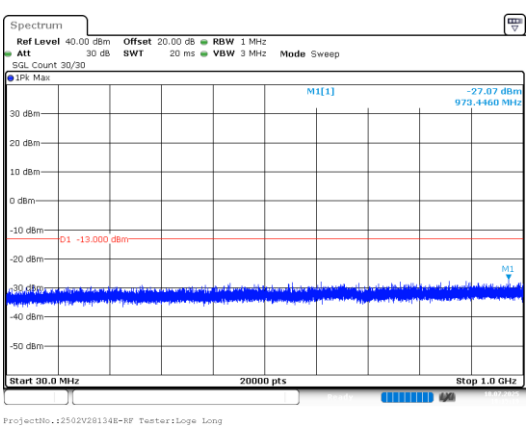


Above 1G

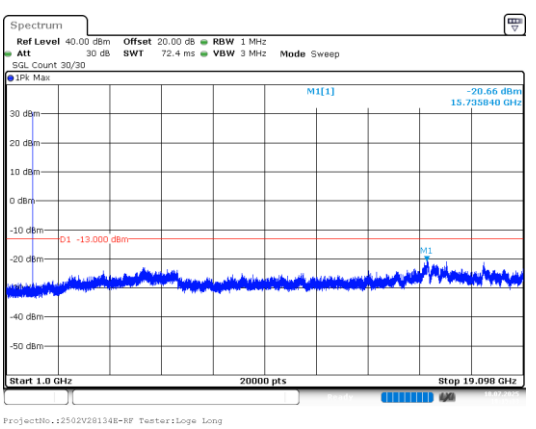


GSM_High

Below 1G



Above 1G



******* END OF APPENDIX *******