

RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 18:10

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

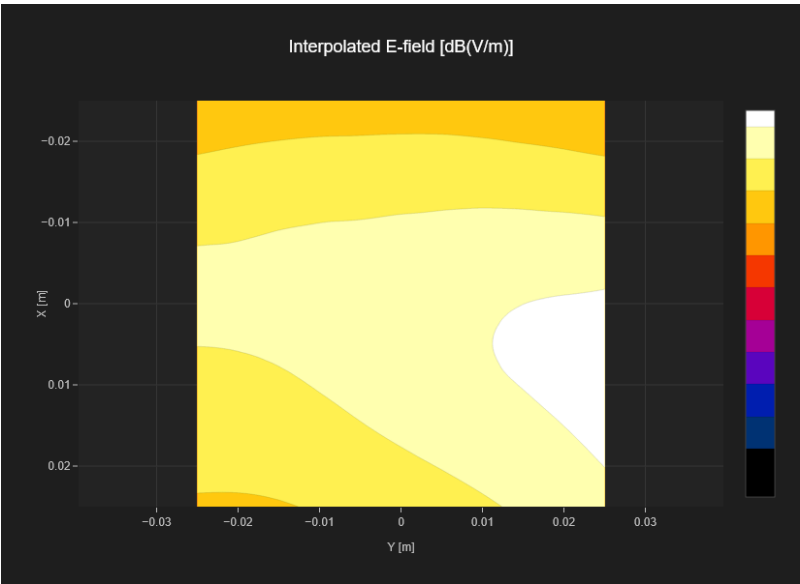
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK, TN 0)	128	824.2

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

Emax [dB(V/m)]	Eavg50x50 max [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
30.83	28.43	3.8	32.23



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 18:12

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

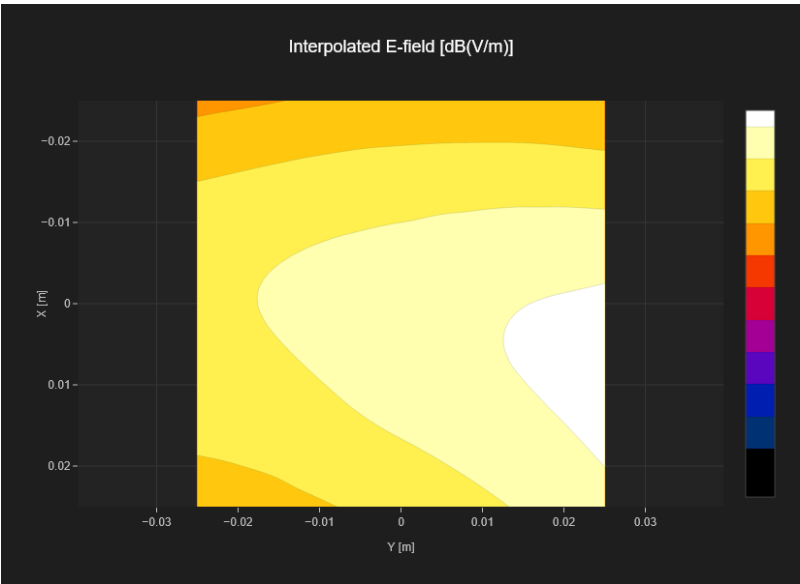
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK, TN 0)	190	836.6

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

Emax [dB(V/m)]	Eavg50x50 max [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
31.5	28.95	3.8	32.75



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 18:15

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

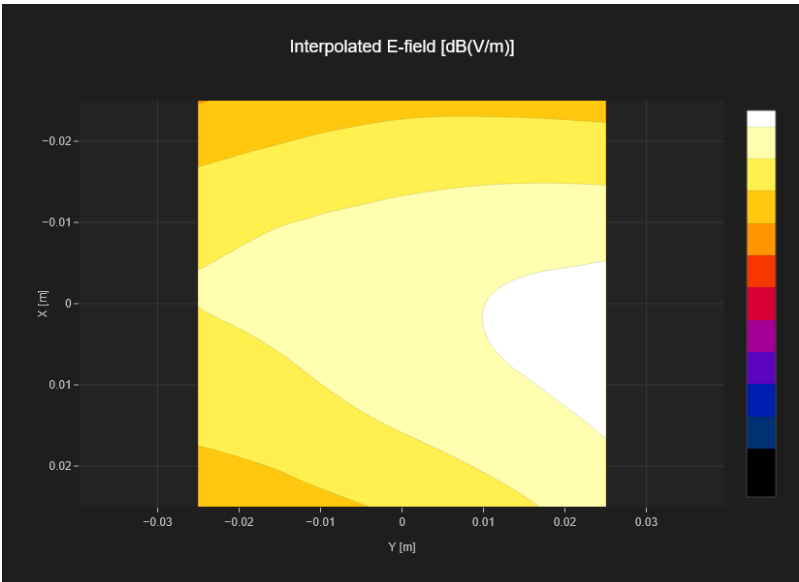
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK, TN 0)	251	848.8

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

Emax [dB(V/m)]	Eavg50x50 max [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
29.78	27.43	3.8	31.23



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 17:48

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

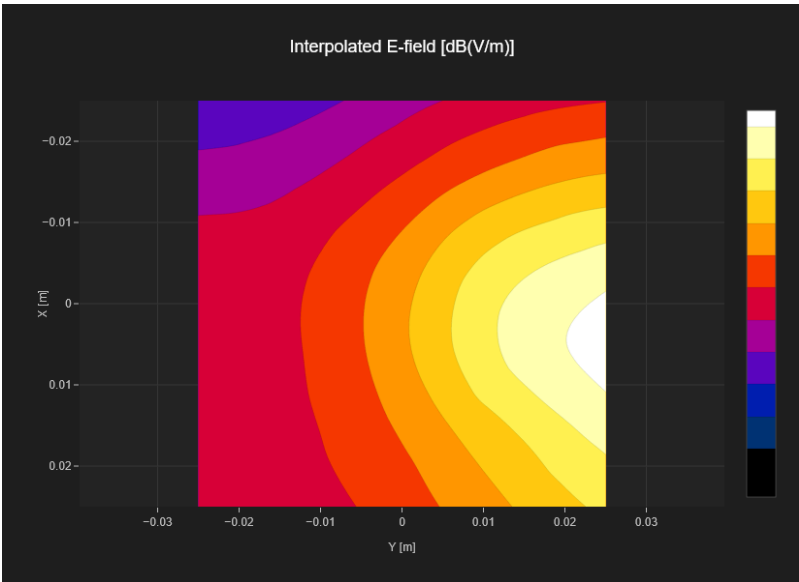
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK, TN 0)	128	824.2

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

E _{max} [dB(V/m)]	E _{avg50x50 max} [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
40.06	33.18	3.8	36.98



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 17:51

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

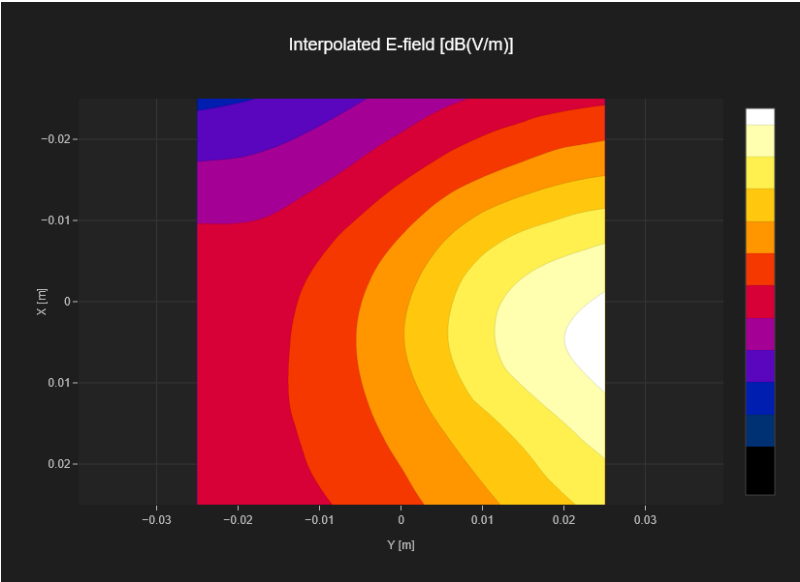
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK, TN 0)	190	836.6

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

E _{max} [dB(V/m)]	E _{avg50x50 max} [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
39.94	33.09	3.8	36.89



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 17:54

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

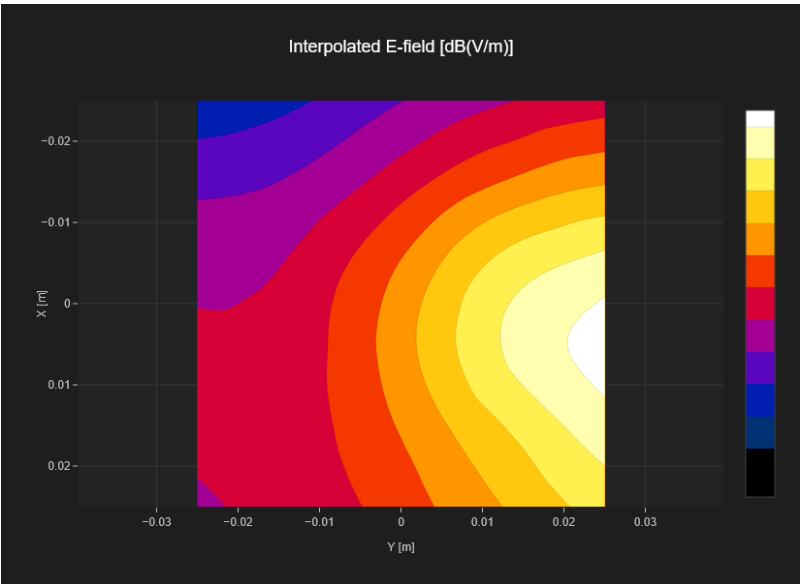
Band Name	Communication Systems Name	Channel	Frequency [MHz]
GSM 850	GPRS-FDD (TDMA, GMSK, TN 0)	251	848.8

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

Emax [dB(V/m)]	Eavg50x50 max [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
40.39	33.09	3.8	36.89



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 18:00

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

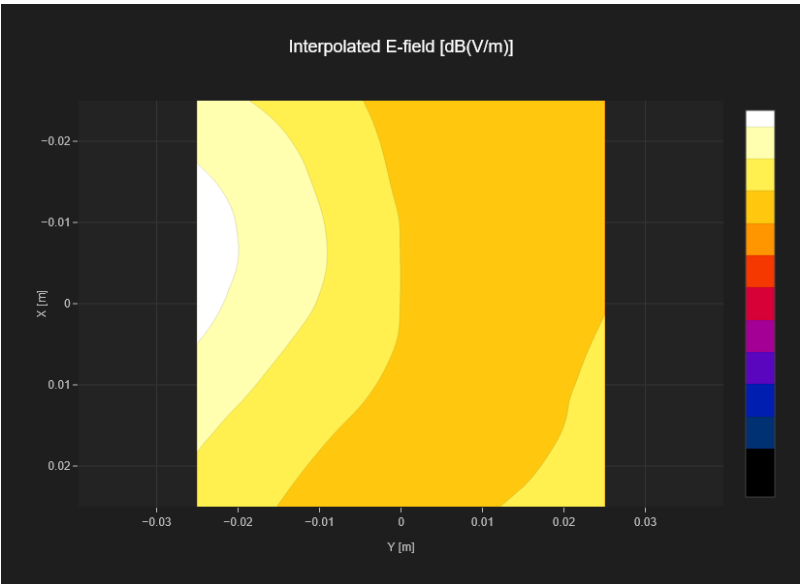
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	GPRS-FDD (TDMA, GMSK, TN 0)	512	1850.2

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

E _{max} [dB(V/m)]	E _{avg50x50 max} [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
22.69	18.94	3.8	22.74



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 18:02

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

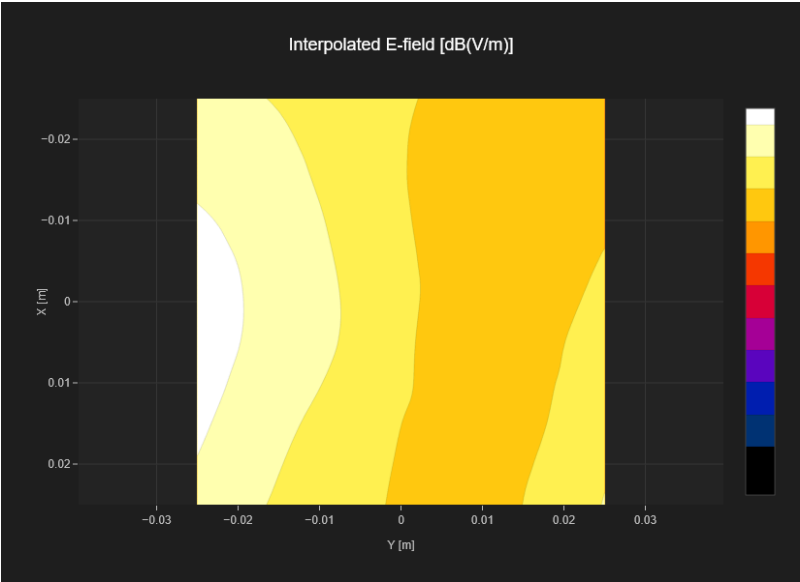
Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	GPRS-FDD (TDMA, GMSK, TN 0)	661	1880.0

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

E _{max} [dB(V/m)]	E _{avg50x50 max} [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
22.61	19.3	3.8	23.1



RF Interference Potential Test Report

Measurement performed on December 05, 2025 at 18:20

Device Under Test

Manufacturer	Model
Samsung Electronics	SM-S947U

Hardware Setup

Probe Name	Probe Calibration Date	DAE Name	DAE Calibration Date
EF3DV3 - SN4066	July 07, 2025	DAE4ip Sn1668	September 17, 2025

Communication Systems

Band Name	Communication Systems Name	Channel	Frequency [MHz]
PCS 1900	GPRS-FDD (TDMA, GMSK, TN 0)	810	1909.8

Grid Settings

Extent X [mm]	Extent Y [mm]	Step X [mm]	Step Y [mm]	Distance [mm]
50.0	50.0	10.0	10.0	15.0

Results

Emax [dB(V/m)]	Eavg50x50 max [dB(V/m)]	MIF [dB]	RFail [dB(V/m)]
22.89	19.21	3.8	23.01

