

Appendix E: Conducted Spurious Emission

2G Test Result

Band	Channel	Frequency Range(Mhz)	Value(dBm)	Limit(dBm)	Verdict
GSM850TestMode	128	0.009~0.15	-58.97	-33	PASS
GSM850	128	0.15~30	-47.71	-13	PASS
GSM850	128	1000~5000	-40.21	-13	PASS
GSM850	128	5000~12000	-55.61	-13	PASS
GSM850	128	12000~18000	-50.24	-13	PASS
GSM850	190	0.009~0.15	-57.87	-33	PASS
GSM850	190	0.15~30	-47.97	-13	PASS
GSM850	190	1000~5000	-36.55	-13	PASS
GSM850	190	5000~12000	-54.68	-13	PASS
GSM850	190	12000~18000	-50.26	-13	PASS
GSM850	251	0.009~0.15	-58.33	-33	PASS
GSM850	251	0.15~30	-48.55	-13	PASS
GSM850	251	1000~5000	-37.55	-13	PASS
GSM850	251	5000~12000	-55.57	-13	PASS
GSM850	251	12000~18000	-50.14	-13	PASS
GPRS850	128	0.009~0.15	-58.18	-33	PASS
GPRS850	128	0.15~30	-48.32	-13	PASS
GPRS850	128	1000~5000	-40.30	-13	PASS
GPRS850	128	5000~12000	-56.24	-13	PASS
GPRS850	128	12000~18000	-51.16	-13	PASS
GPRS850	190	0.009~0.15	-58.15	-33	PASS
GPRS850	190	0.15~30	-48.08	-13	PASS
GPRS850	190	1000~5000	-37.41	-13	PASS
GPRS850	190	5000~12000	-55.70	-13	PASS
GPRS850	190	12000~18000	-51.00	-13	PASS
GPRS850	251	0.009~0.15	-58.49	-33	PASS
GPRS850	251	0.15~30	-47.75	-13	PASS
GPRS850	251	1000~5000	-38.46	-13	PASS
GPRS850	251	5000~12000	-56.47	-13	PASS
GPRS850	251	12000~18000	-51.03	-13	PASS
EGPRS850	128	0.009~0.15	-59.64	-33	PASS
EGPRS850	128	0.15~30	-47.76	-13	PASS
EGPRS850	128	1000~5000	-44.39	-13	PASS
EGPRS850	128	5000~12000	-56.68	-13	PASS
EGPRS850	128	12000~18000	-51.27	-13	PASS
EGPRS850	190	0.009~0.15	-57.19	-33	PASS
EGPRS850	190	0.15~30	-48.78	-13	PASS
EGPRS850	190	1000~5000	-44.45	-13	PASS

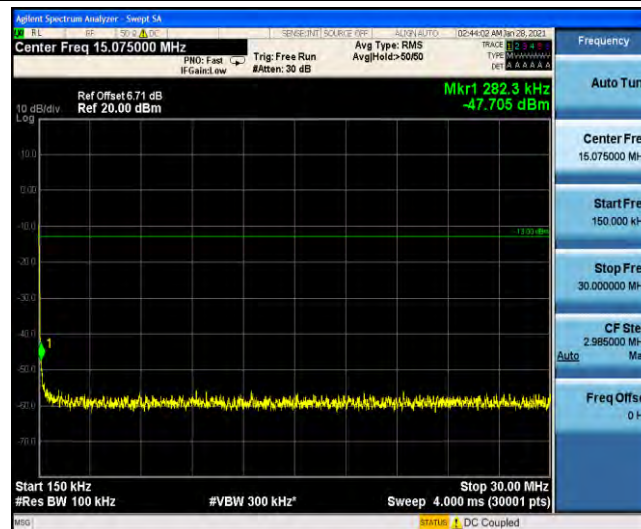
EGPRS850	190	5000~12000	-56.60	-13	PASS
EGPRS850	190	12000~18000	-51.25	-13	PASS
EGPRS850	251	0.009~0.15	-55.77	-33	PASS
EGPRS850	251	0.15~30	-49.14	-13	PASS
EGPRS850	251	1000~5000	-44.46	-13	PASS
EGPRS850	251	5000~12000	-56.68	-13	PASS
EGPRS850	251	12000~18000	-51.32	-13	PASS
GSM1900	512	0.009~0.15	-57.40	-43	PASS
GSM1900	512	0.15~30	-49.04	-23	PASS
GSM1900	512	30~1000	-40.00	-13	PASS
GSM1900	512	5000~12000	-51.35	-13	PASS
GSM1900	512	12000~26500	-44.19	-13	PASS
GSM1900	661	0.009~0.15	-60.33	-43	PASS
GSM1900	661	0.15~30	-48.61	-23	PASS
GSM1900	661	30~1000	-40.19	-13	PASS
GSM1900	661	5000~12000	-51.79	-13	PASS
GSM1900	661	12000~26500	-43.86	-13	PASS
GSM1900	810	0.009~0.15	-59.85	-43	PASS
GSM1900	810	0.15~30	-48.76	-23	PASS
GSM1900	810	30~1000	-39.47	-13	PASS
GSM1900	810	5000~12000	-48.56	-13	PASS
GSM1900	810	12000~26500	-44.18	-13	PASS
GPRS1900	512	0.009~0.15	-58.51	-43	PASS
GPRS1900	512	0.15~30	-48.90	-23	PASS
GPRS1900	512	30~1000	-40.04	-13	PASS
GPRS1900	512	5000~12000	-51.14	-13	PASS
GPRS1900	512	12000~26500	-43.97	-13	PASS
GPRS1900	661	0.009~0.15	-57.81	-43	PASS
GPRS1900	661	0.15~30	-48.06	-23	PASS
GPRS1900	661	30~1000	-39.87	-13	PASS
GPRS1900	661	5000~12000	-52.12	-13	PASS
GPRS1900	661	12000~26500	-44.19	-13	PASS
GPRS1900	810	0.009~0.15	-59.15	-43	PASS
GPRS1900	810	0.15~30	-47.87	-23	PASS
GPRS1900	810	30~1000	-39.06	-13	PASS
GPRS1900	810	5000~12000	-47.50	-13	PASS
GPRS1900	810	12000~26500	-44.23	-13	PASS
EGPRS1900	512	0.009~0.15	-59.22	-43	PASS
EGPRS1900	512	0.15~30	-48.21	-23	PASS
EGPRS1900	512	30~1000	-39.73	-13	PASS
EGPRS1900	512	5000~12000	-56.53	-13	PASS
EGPRS1900	512	12000~26500	-44.17	-13	PASS
EGPRS1900	661	0.009~0.15	-57.36	-43	PASS

EGPRS1900	661	0.15~30	-49.25	-23	PASS
EGPRS1900	661	30~1000	-38.60	-13	PASS
EGPRS1900	661	5000~12000	-56.42	-13	PASS
EGPRS1900	661	12000~26500	-44.19	-13	PASS
EGPRS1900	810	0.009~0.15	-59.44	-43	PASS
EGPRS1900	810	0.15~30	-48.49	-23	PASS
EGPRS1900	810	30~1000	-39.72	-13	PASS
EGPRS1900	810	5000~12000	-56.62	-13	PASS
EGPRS1900	810	12000~26500	-44.15	-13	PASS

2G Test Graphs



GSM850_128



GSM850_128



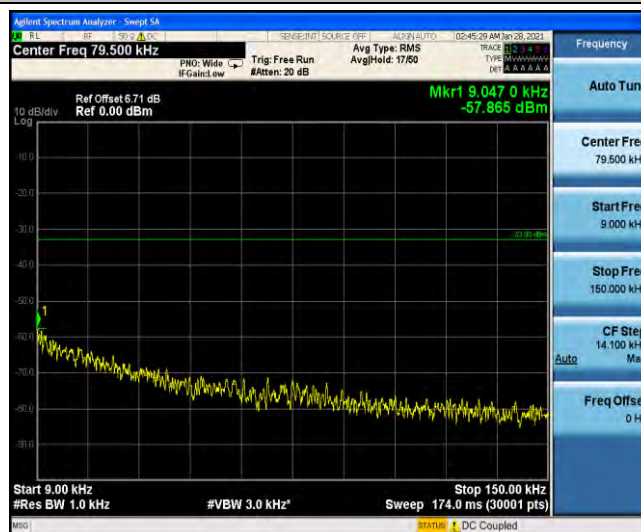
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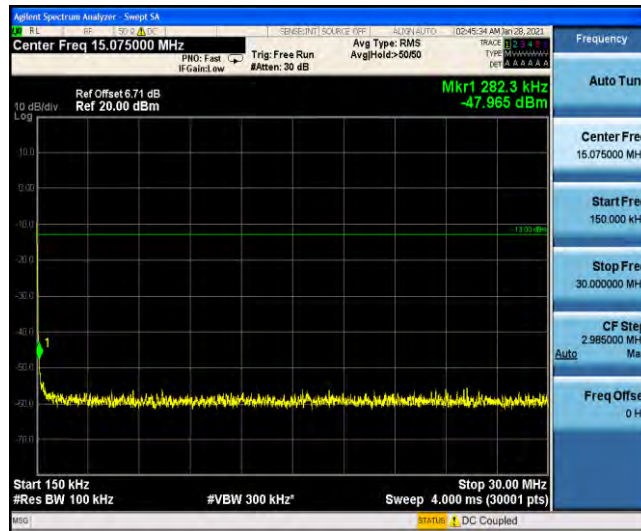
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GSM850_128



GSM850_190



GSM850_190



GSM850_190



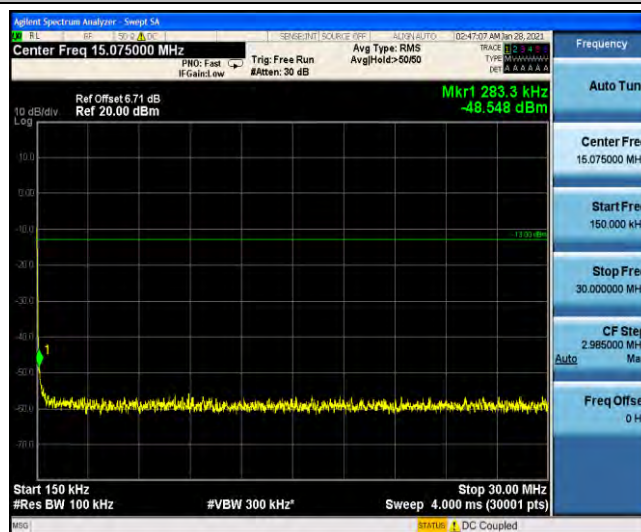
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GSM850_190



GSM850_251



GSM850_251



GSM850_251



GSM850_251



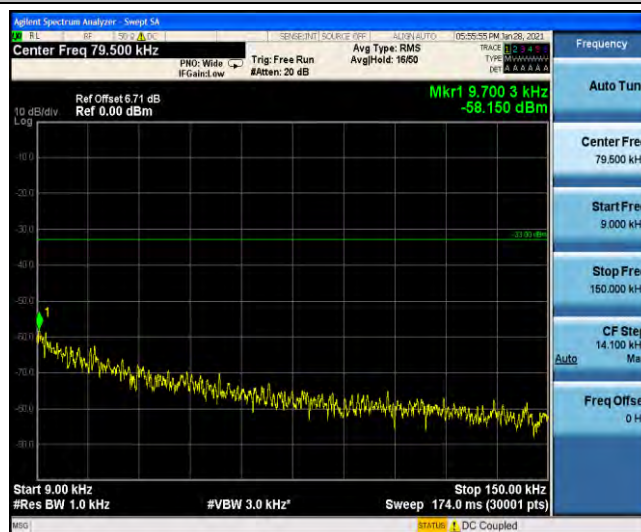
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GPRS850_128



GPRS850_190



GPRS850_190



GPRS850_190



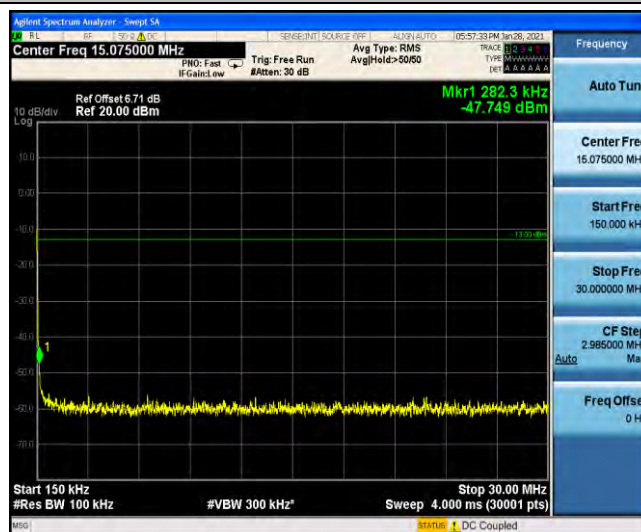
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GPRS850_251



GPRS850_251



GPRS850_251



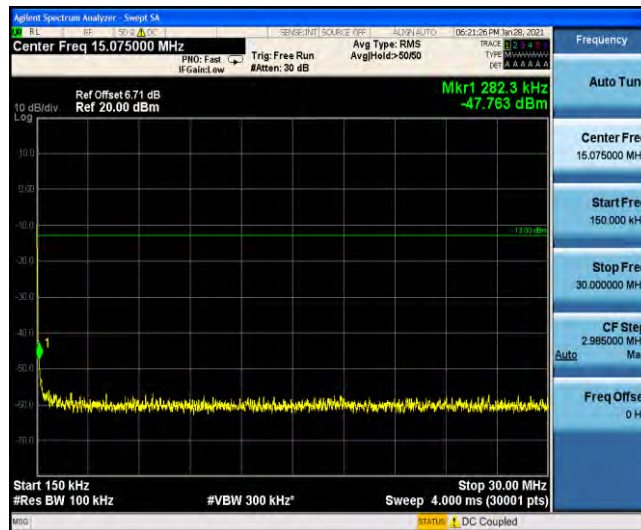
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GPRS850_251



EGPRS850_128



EGPRS850_128



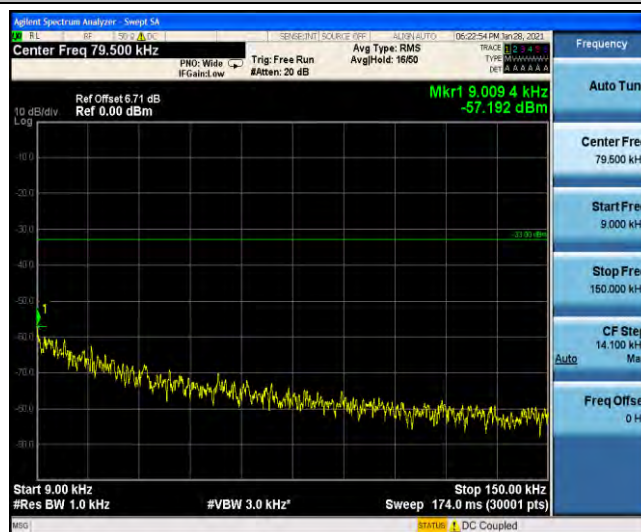
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EGPRS850_128



EGPRS850_128



EGPRS850_190



EGPRS850_190



EGPRS850_190



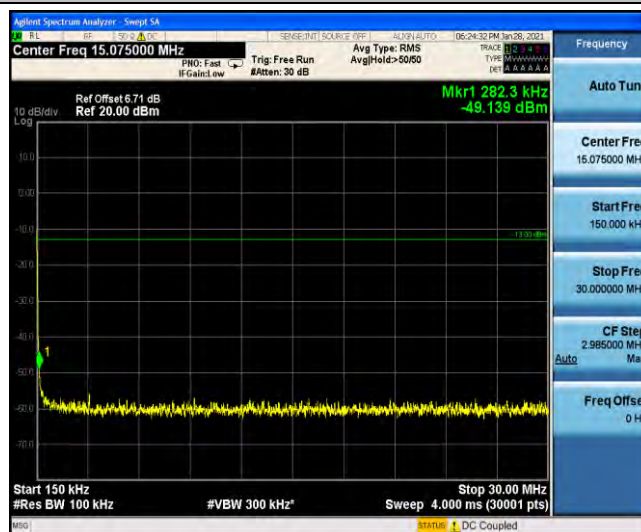
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EGPRS850_190



EGPRS850_251



EGPRS850_251



EGPRS850_251



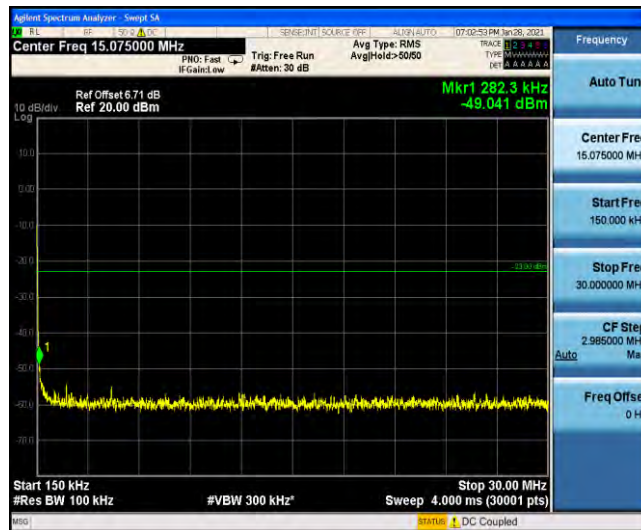
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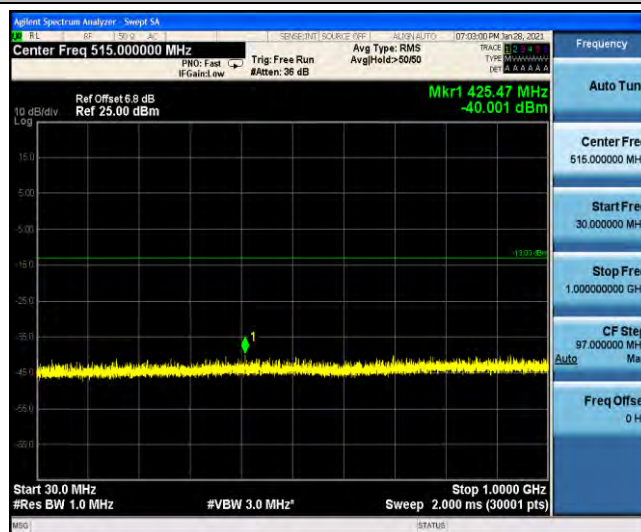
EGPRS850_251



GSM1900_512



GSM1900_512



GSM1900_512



GSM1900_512



GSM1900_512



GSM1900_661



GSM1900_661



GSM1900_661



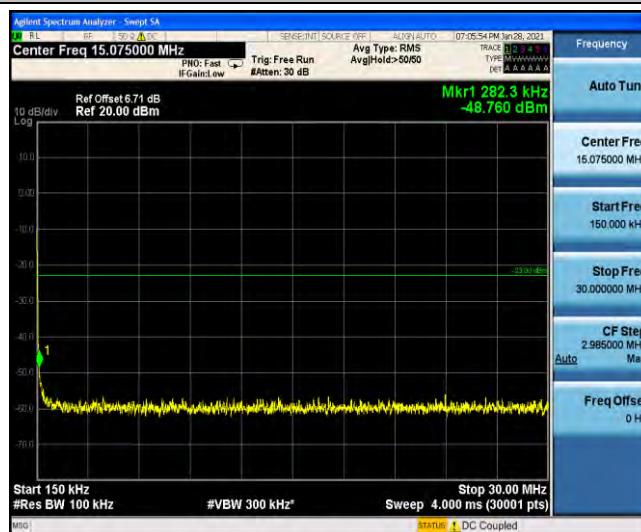
GSM1900_661



GSM1900_661



GSM1900_810



GSM1900_810



GSM1900_810



GSM1900_810



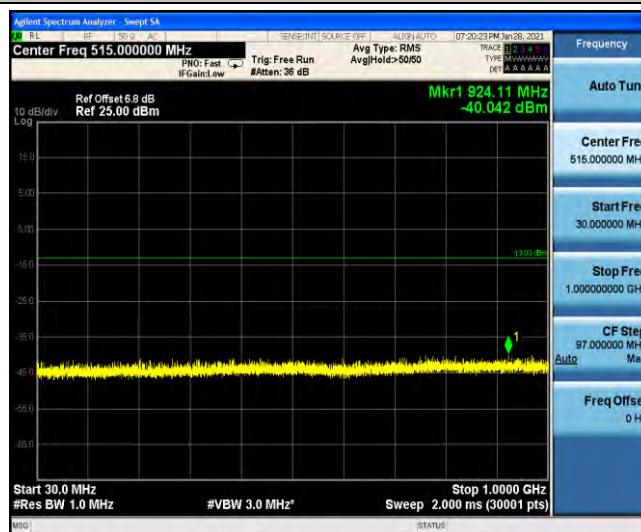
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GPRS1900_512



GPRS1900_512



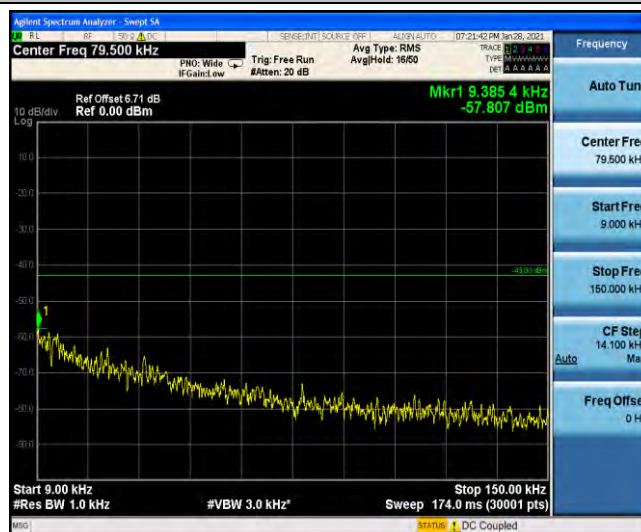
GPRS1900_512



GPRS1900_512



GPRS1900_512



GPRS1900_661



GPRS1900_661



GPRS1900_661



GPRS1900_661



GPRS1900_661



GPRS1900_810



GPRS1900_810



GPRS1900_810



GPRS1900_810



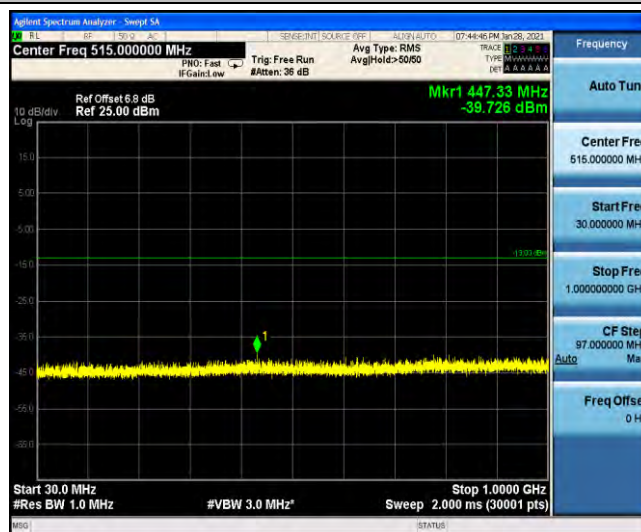
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EGPRS1900_512



EGPRS1900_512



EGPRS1900_512



EGPRS1900_512



EGPRS1900_512



EGPRS1900_661



EGPRS1900_661



EGPRS1900_661



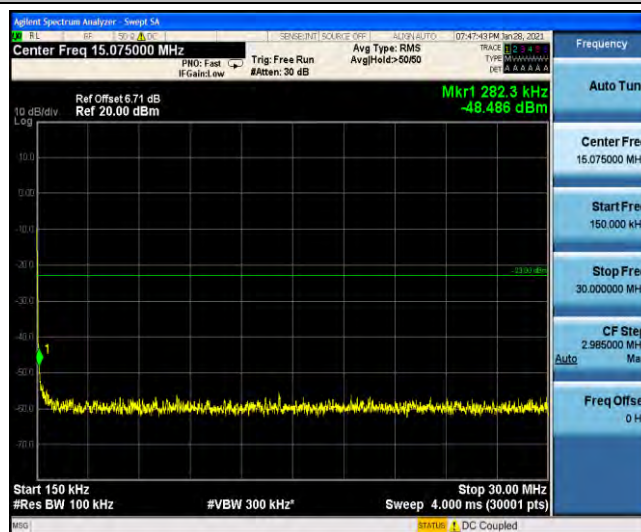
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EGPRS1900_661



EGPRS1900_810



EGPRS1900_810



EGPRS1900_810



EGPRS1900_810



EGPRS1900_810