

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	PCL	Average Power (dBm)	Antenna Gain (dBi)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)
GSM850	128	5	32.22	-1.14	28.93	38.45
GSM850	190	5	32.56	-1.14	29.27	38.45
GSM850	251	5	32.53	-1.14	29.24	38.45
GSM1900	512	0	23.11	-0.87	22.24	33.00
GSM1900	661	0	22.78	-0.87	21.91	33.00
GSM1900	810	0	22.31	-0.87	21.44	33.00
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). (For GSM1900) ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For GSM850)						

Band	Channel	PCL	Slot	Power(dBm)	Limit(dBm)	Verdict
GPRS850	128	3	1	32.19	38.5	PASS
GPRS850	128	3	2	29.67	38.5	PASS
GPRS850	128	3	3	28.23	38.5	PASS
GPRS850	128	3	4	26.11	38.5	PASS
GPRS850	190	3	1	31.93	38.5	PASS
GPRS850	190	3	2	29.78	38.5	PASS
GPRS850	190	3	3	28.46	38.5	PASS
GPRS850	190	3	4	26.43	38.5	PASS
GPRS850	251	3	1	31.99	38.5	PASS
GPRS850	251	3	2	29.69	38.5	PASS
GPRS850	251	3	3	28.40	38.5	PASS
GPRS850	251	3	4	26.48	38.5	PASS
GPRS1900	512	0	1	23.16	33	PASS
GPRS1900	512	0	2	21.29	33	PASS
GPRS1900	512	0	3	19.61	33	PASS
GPRS1900	512	0	4	17.18	33	PASS
GPRS1900	661	0	1	22.36	33	PASS
GPRS1900	661	0	2	20.35	33	PASS
GPRS1900	661	0	3	18.74	33	PASS
GPRS1900	661	0	4	16.39	33	PASS
GPRS1900	810	0	1	21.73	33	PASS

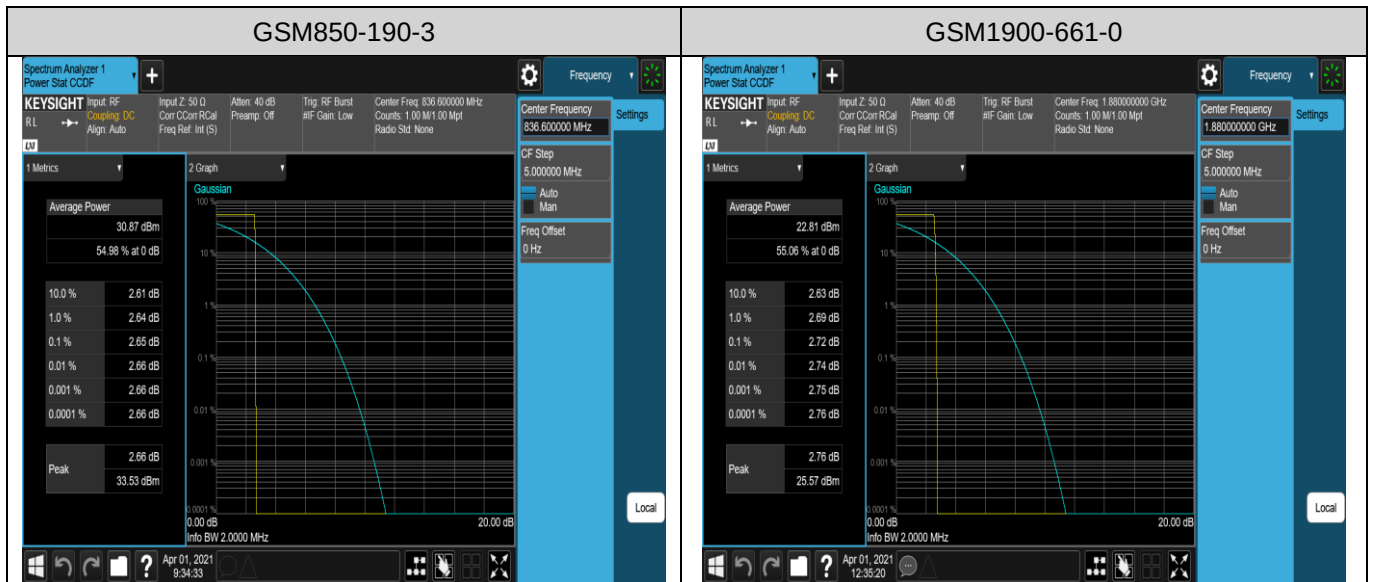
GPRS1900	810	0	2	19.90	33	PASS
GPRS1900	810	0	3	18.26	33	PASS
GPRS1900	810	0	4	16.03	33	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Channel	PCL	Result(dB)	Limit(dB)	Verdict
GSM850	190	3	2.65	13	PASS
GSM1900	661	0	2.72	13	PASS

Test Graphs



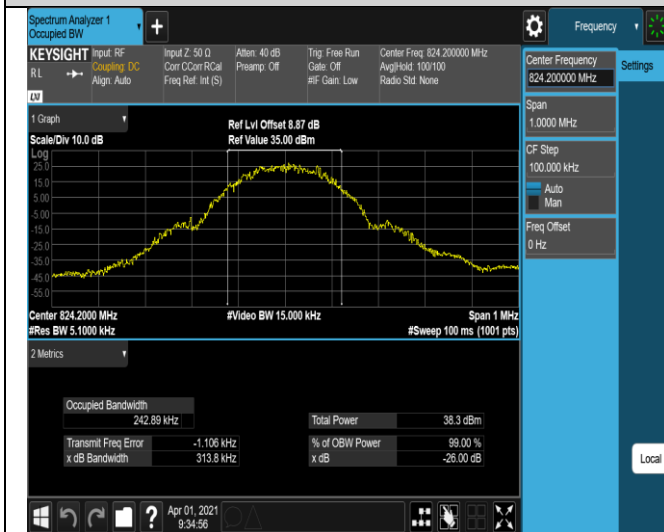
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

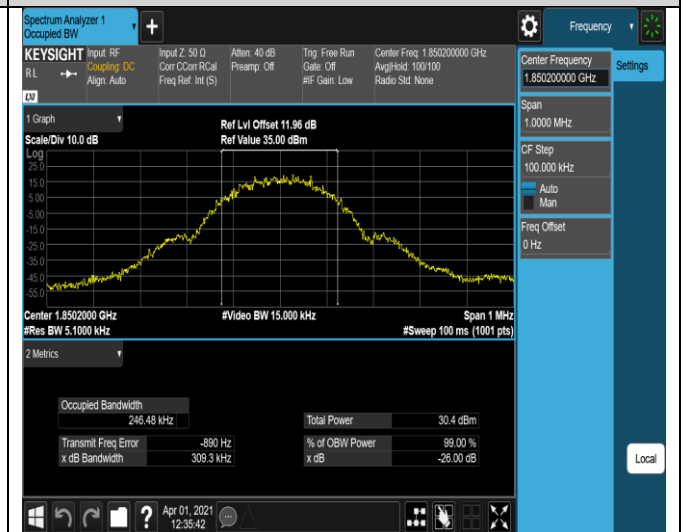
Band	Channel	PCL	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	3	0.24289	0.3138	---	PASS
GSM850	190	3	0.24298	0.3134	---	PASS
GSM850	251	3	0.24621	0.3134	---	PASS
GSM1900	512	0	0.24648	0.3093	---	PASS
GSM1900	661	0	0.24908	0.3119	---	PASS
GSM1900	810	0	0.24509	0.3083	---	PASS

Test Graphs

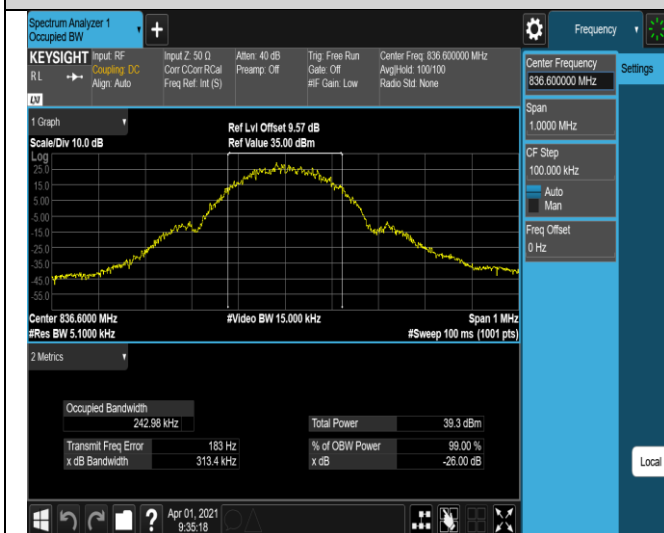
GSM850-128-3-0.3138



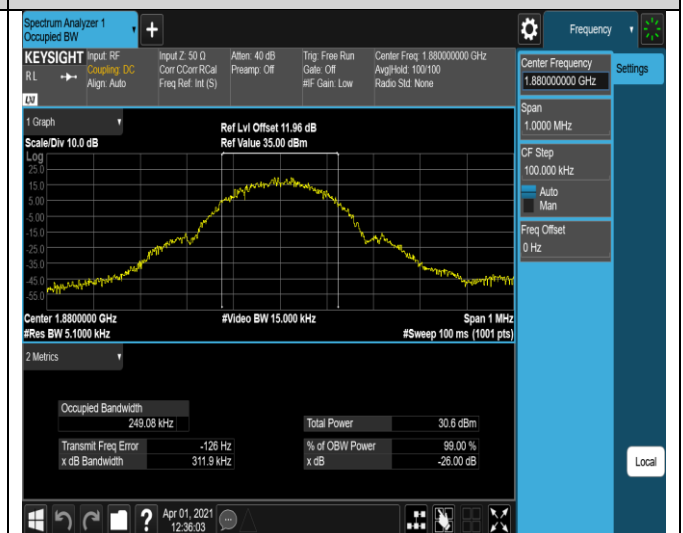
GSM1900-512-0-0.3093



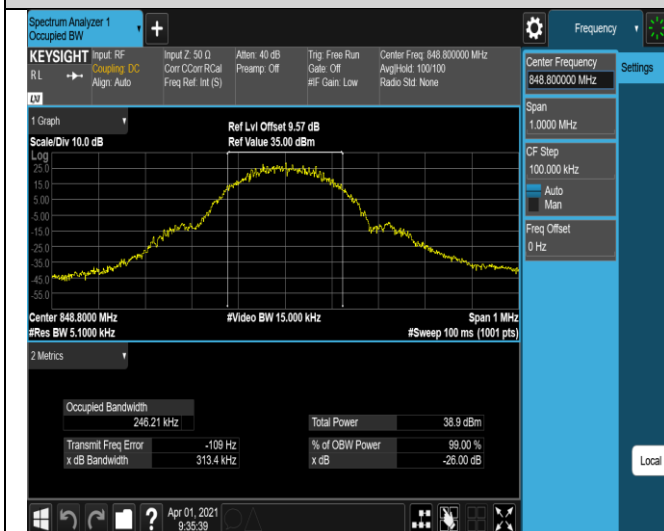
GSM850-190-3-0.3134



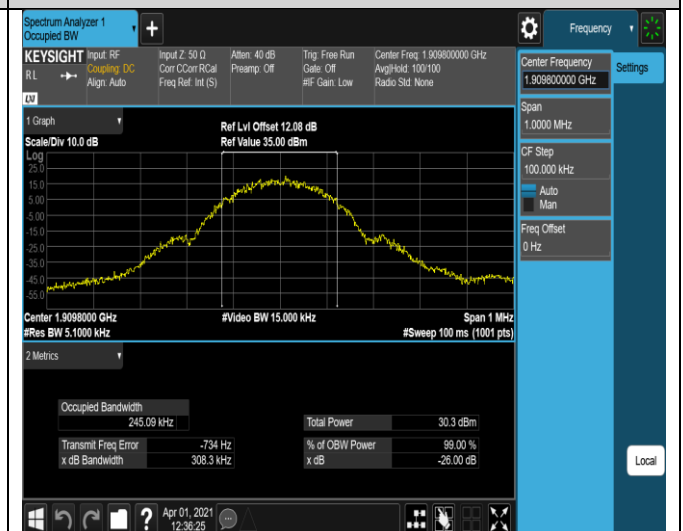
GSM1900-661-0-0.3119



GSM850-251-3-0.3134



GSM1900-810-0-0.3083

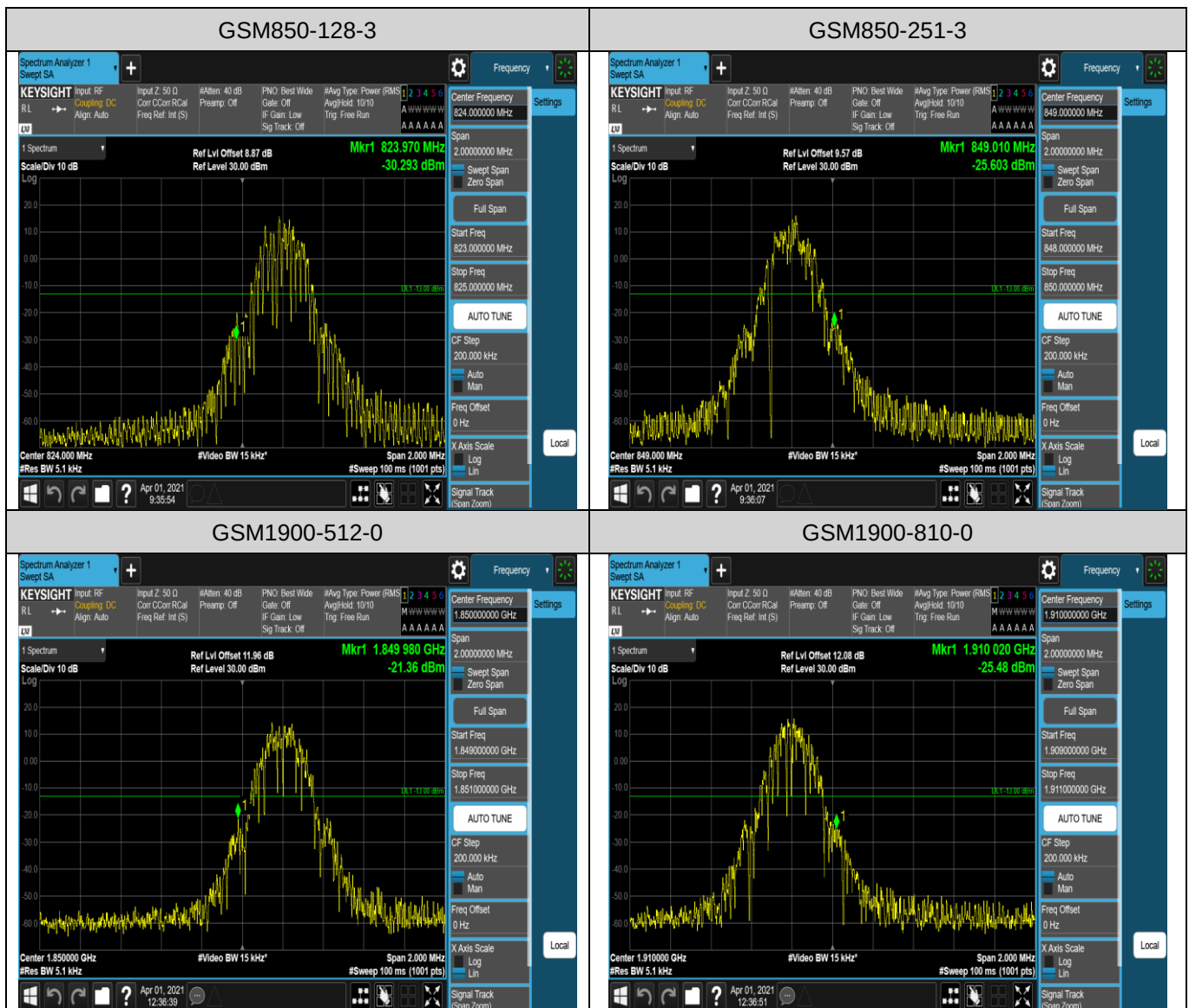


Appendix D: Band Edge

Test Result

Band	Channel	PCL	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	3	823.97	-20.09	-13	PASS
GSM850	251	3	849.01	-22.53	-13	PASS
GSM1900	512	0	1849.98	-21.36	-13	PASS
GSM1900	810	0	1910.02	-20.16	-13	PASS

Test Graphs



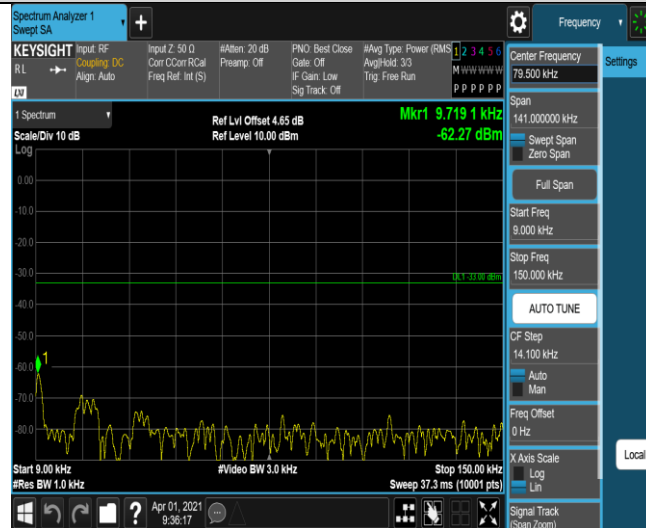
Appendix E: Conducted Spurious Emission

Test Result

Band	Channel	PCL	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	3	0.009~0.15MHz	0.01	-62.27	-33	PASS
GSM850	128	3	0.15~30MHz	0.29	-58.59	-13	PASS
GSM850	128	3	30~1000MHz	600.72	-38.64	-13	PASS
GSM850	128	3	1000~3000MHz	1697.47	-33.26	-13	PASS
GSM850	128	3	3000~10000MHz	5008.53	-40.94	-13	PASS
GSM850	190	3	0.009~0.15MHz	0.01	-61.67	-33	PASS
GSM850	190	3	0.15~30MHz	0.29	-55.98	-13	PASS
GSM850	190	3	30~1000MHz	439.95	-38.92	-13	PASS
GSM850	190	3	1000~3000MHz	1697.67	-33.77	-13	PASS
GSM850	190	3	3000~10000MHz	5246.53	-35.84	-13	PASS
GSM850	251	3	0.009~0.15MHz	0.01	-63.34	-33	PASS
GSM850	251	3	0.15~30MHz	0.29	-59.35	-13	PASS
GSM850	251	3	30~1000MHz	620.15	-39.54	-13	PASS
GSM850	251	3	1000~3000MHz	1697.53	-33.54	-13	PASS
GSM850	251	3	3000~10000MHz	5243.5	-39.45	-13	PASS
GSM1900	512	0	0.009~0.15MHz	0.01	-75.89	-43	PASS
GSM1900	512	0	0.15~30MHz	0.39	-57.13	-23	PASS
GSM1900	512	0	30~1000MHz	824.3	-48.04	-13	PASS
GSM1900	512	0	1000~3000MHz	2402.33	-26.04	-13	PASS
GSM1900	512	0	3000~10000MHz	4865.27	-41.04	-13	PASS
GSM1900	512	0	10000~18000MHz	17474.4	-34.71	-13	PASS
GSM1900	661	0	0.009~0.15MHz	0.14	-73.72	-43	PASS
GSM1900	661	0	0.15~30MHz	0.29	-59.67	-23	PASS
GSM1900	661	0	30~1000MHz	623.58	-47.72	-13	PASS
GSM1900	661	0	1000~3000MHz	2609.73	-27.95	-13	PASS
GSM1900	661	0	3000~10000MHz	4867.6	-41.11	-13	PASS
GSM1900	661	0	10000~18000MHz	15419.2	-34.56	-13	PASS
GSM1900	810	0	0.009~0.15MHz	0.09	-75.83	-43	PASS
GSM1900	810	0	0.15~30MHz	0.38	-58.3	-23	PASS
GSM1900	810	0	30~1000MHz	876.58	-47.55	-13	PASS
GSM1900	810	0	1000~3000MHz	2776.33	-27.84	-13	PASS
GSM1900	810	0	3000~10000MHz	5242.1	-39.1	-13	PASS
GSM1900	810	0	10000~18000MHz	13959.73	-34.21	-13	PASS

Test Graphs

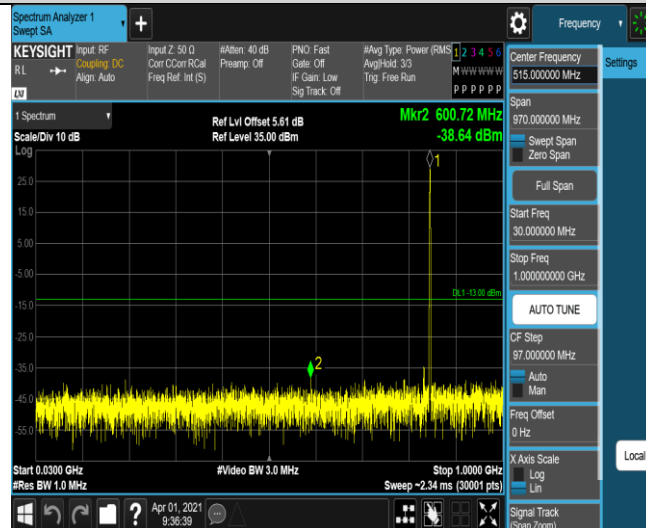
GSM850-128-3-0.009~0.15MHz



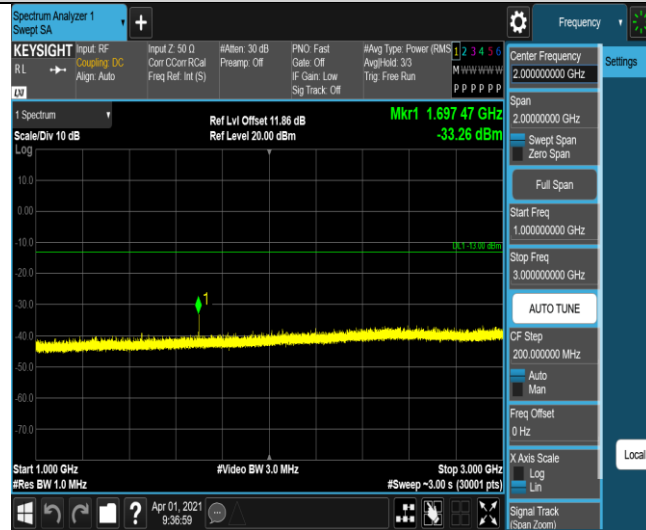
GSM850-128-3-0.15~30MHz



GSM850-128-3-30~1000MHz



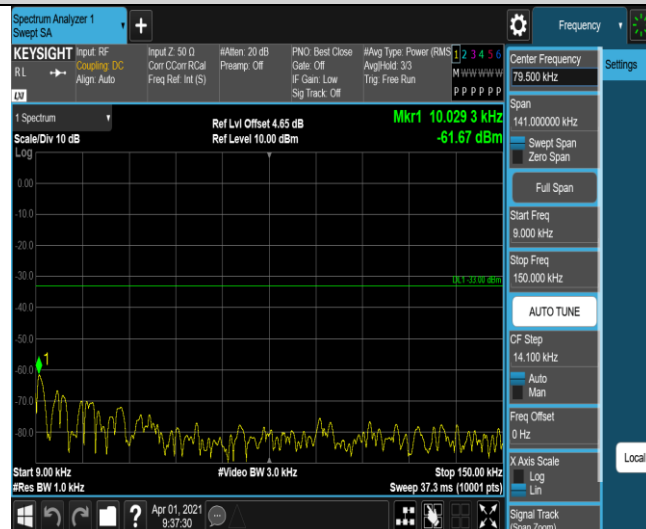
GSM850-128-3-1000~3000MHz



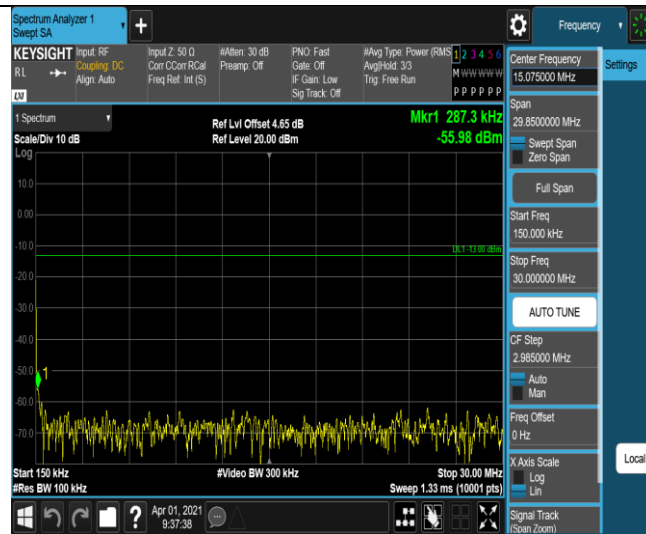
GSM850-128-3-3000~10000MHz



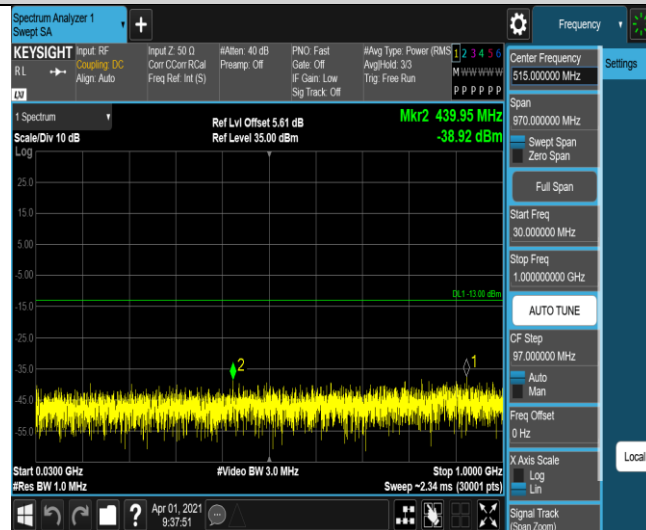
GSM850-190-3-0.009~0.15MHz



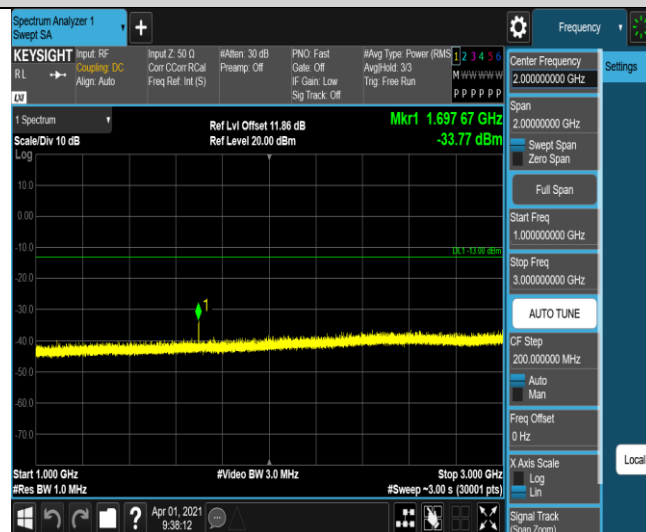
GSM850-190-3-0.15~30MHz



GSM850-190-3-30~1000MHz



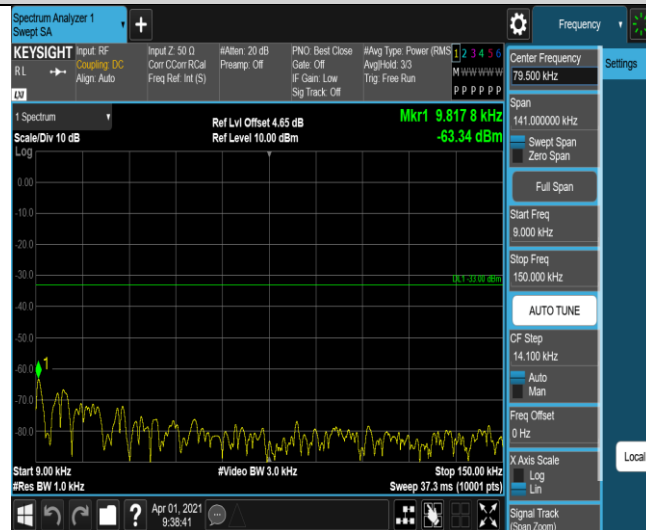
GSM850-190-3-1000~3000MHz



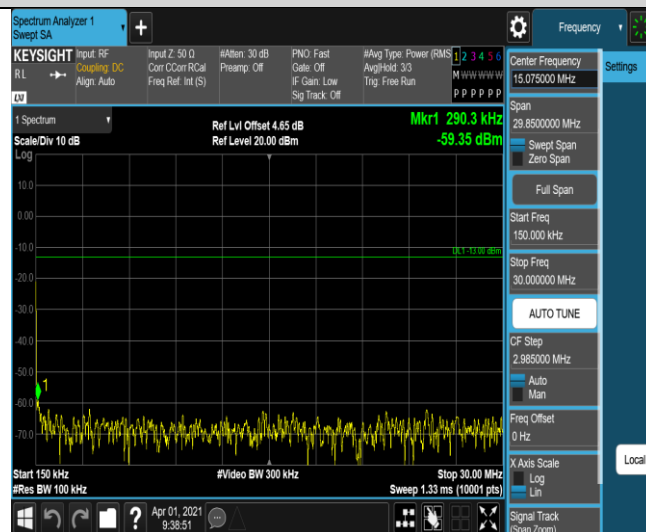
GSM850-190-3-3000~10000MHz



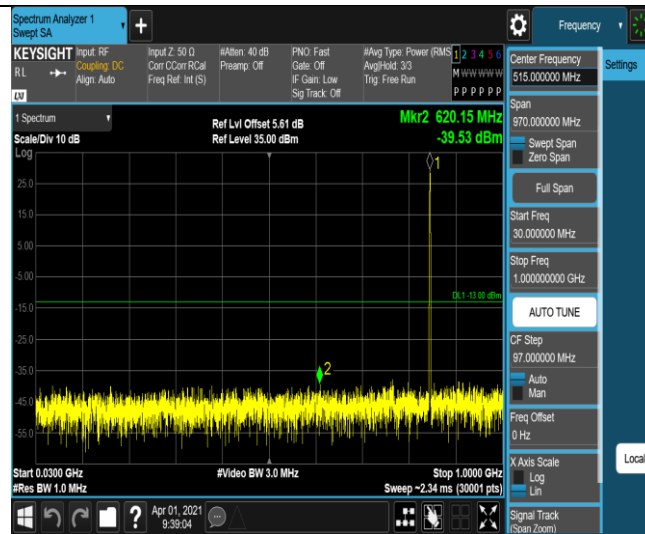
GSM850-251-3-0.009~0.15MHz



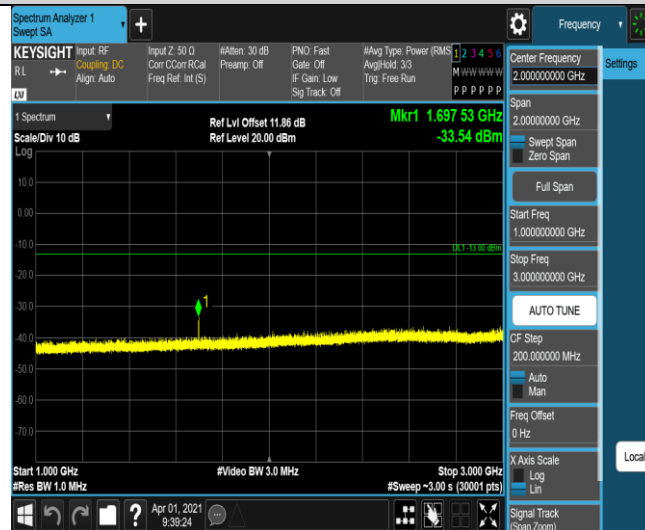
GSM850-251-3-0.15~30MHz



GSM850-251-3-30~1000MHz



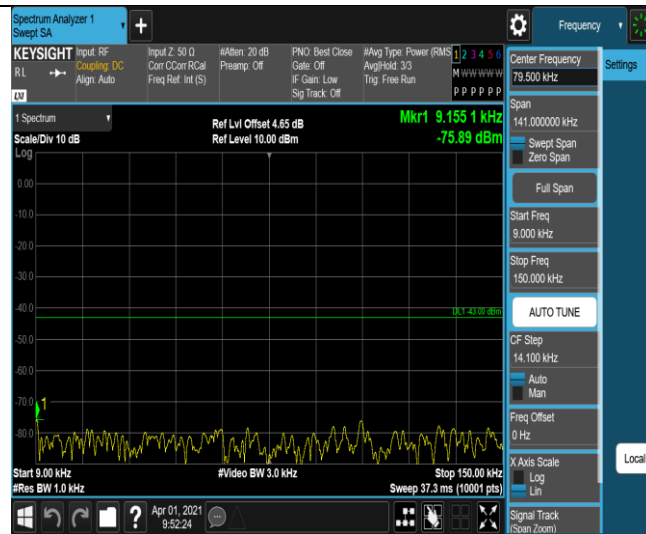
GSM850-251-3-1000~3000MHz



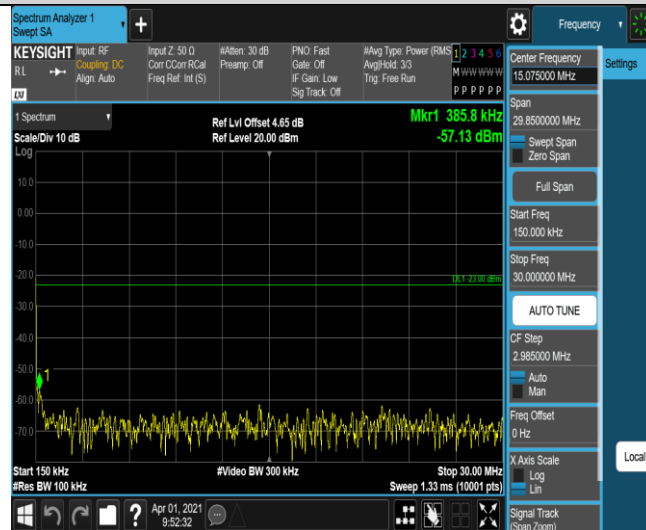
GSM850-251-3-3000~10000MHz



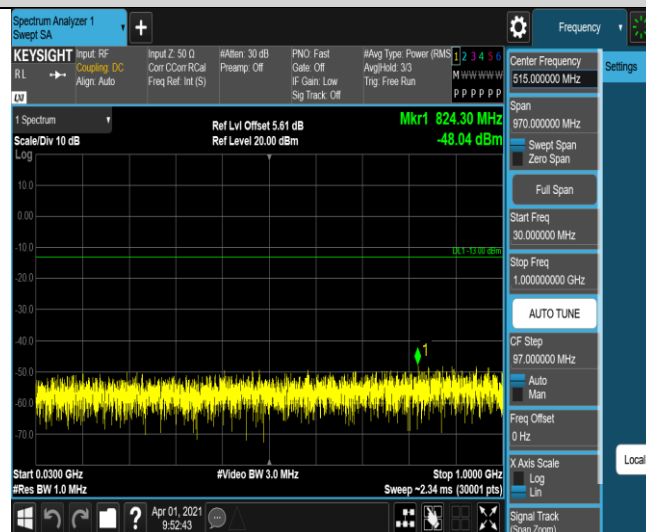
GSM1900-512-0-0.009~0.15MHz



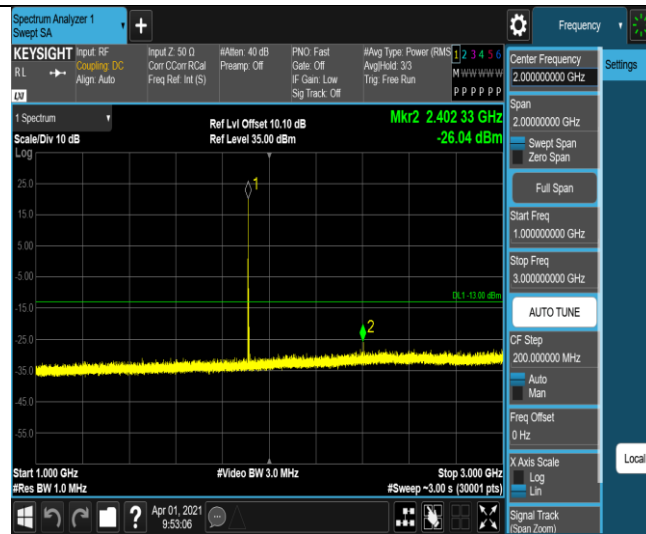
GSM1900-512-0-0.15~30MHz



GSM1900-512-0-30~1000MHz



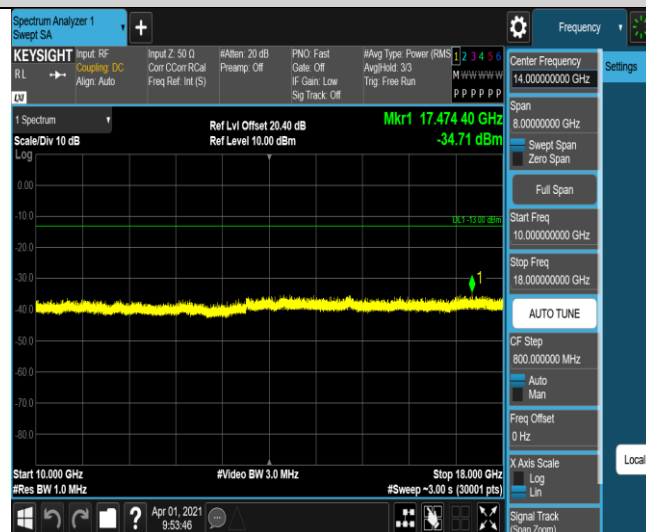
GSM1900-512-0-1000~3000MHz



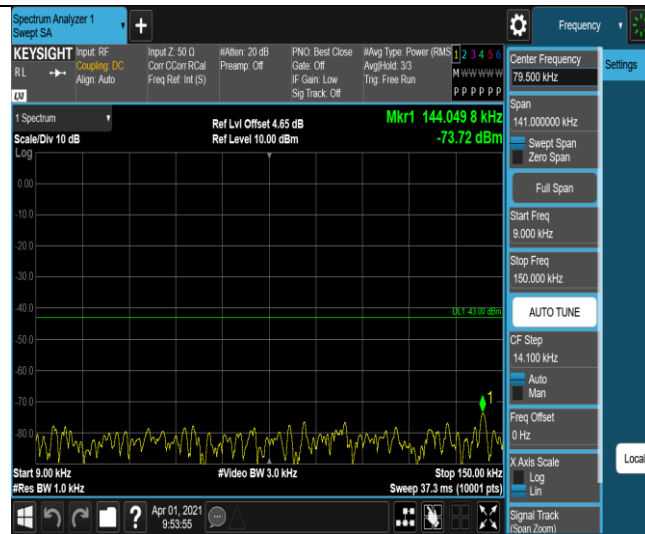
GSM1900-512-0-3000~10000MHz



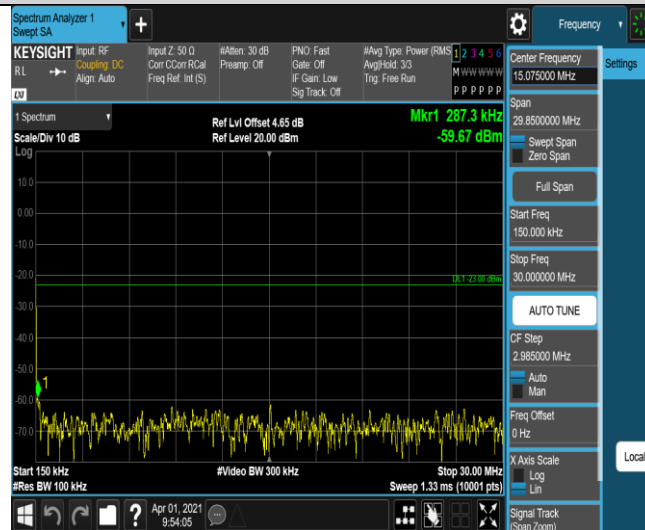
GSM1900-512-0-10000~18000MHz



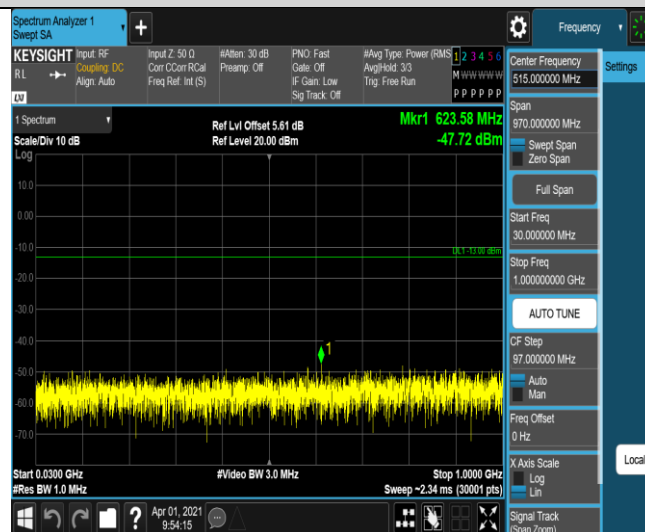
GSM1900-661-0-0.009~0.15MHz



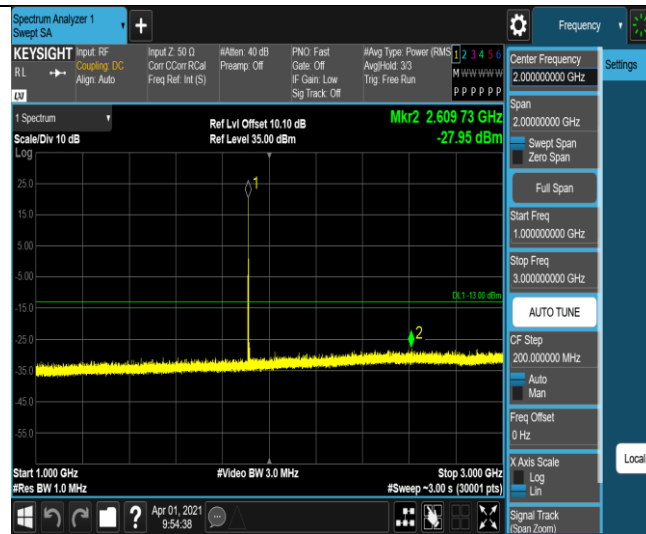
GSM1900-661-0-0.15~30MHz



GSM1900-661-0-30~1000MHz



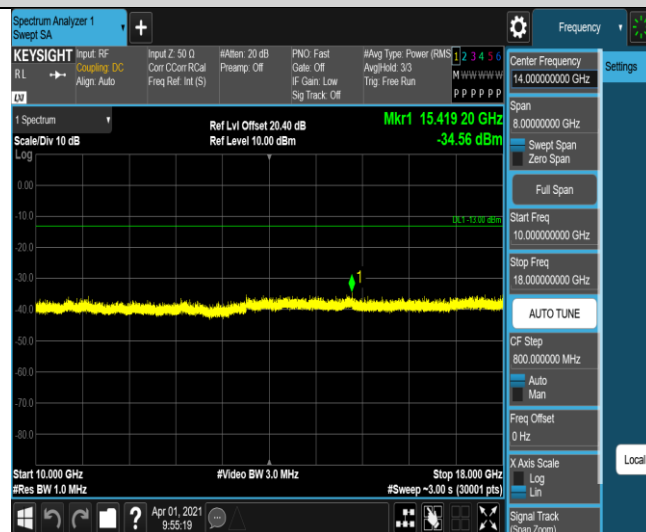
GSM1900-661-0-1000~3000MHz



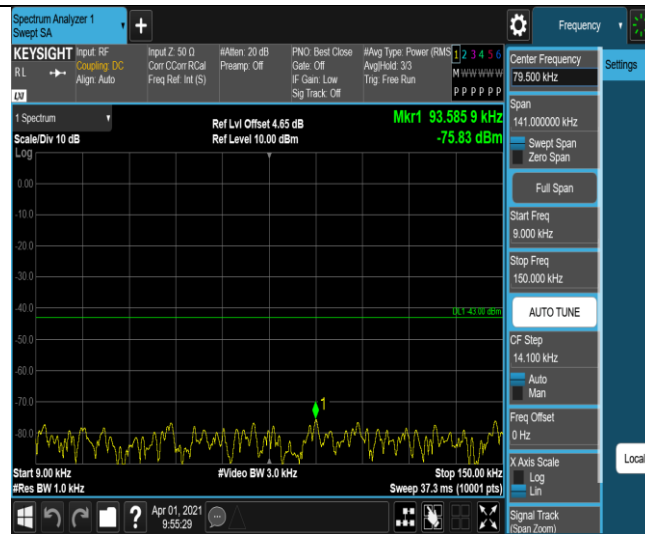
GSM1900-661-0-3000~10000MHz



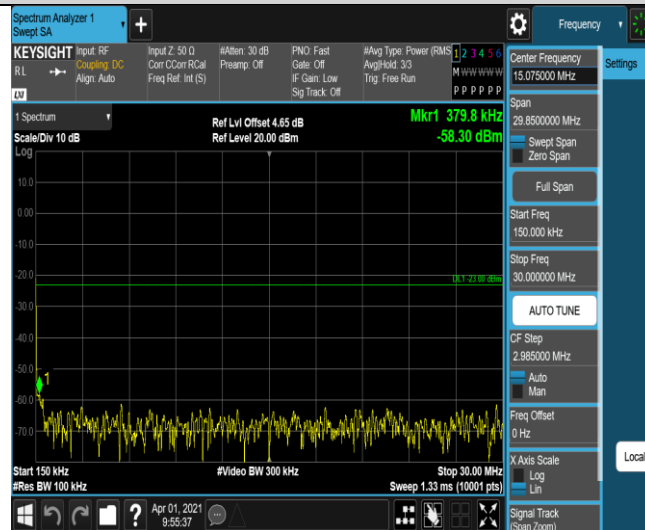
GSM1900-661-0-10000~18000MHz



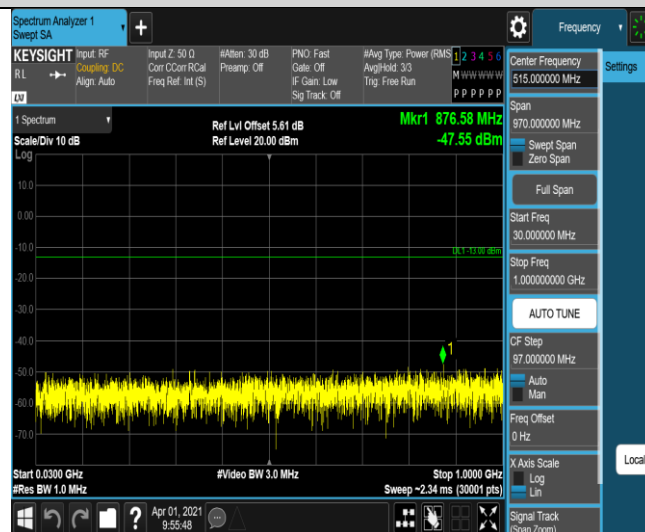
GSM1900-810-0-0.009~0.15MHz



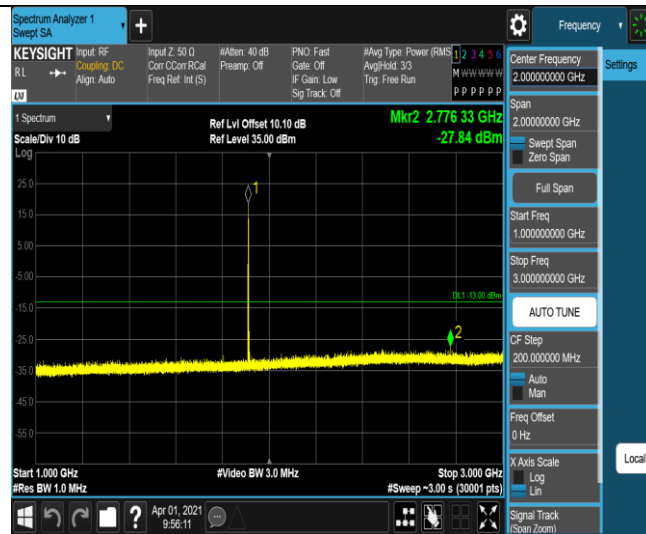
GSM1900-810-0-0.15~30MHz



GSM1900-810-0-30~1000MHz



GSM1900-810-0-1000~3000MHz



GSM1900-810-0-3000~10000MHz



GSM1900-810-0-10000~18000MHz

