

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Mode	Txslot	Measured Power (dBm)			Limit(dBm)	Verdict
		1850.20 MHz	1880.00 MHz	1909.80 MHz		
PCS1900	/	31.76	31.41	30.93	33.01	PASS
GPRS 1900 (GMSK)	1 Txslot	31.74	31.36	30.89	33.01	PASS
	2 Txslot	30.64	29.93	29.46	33.01	PASS
	3 Txslot	28.67	28.30	27.78	33.01	PASS
	4 Txslot	26.92	26.31	25.80	33.01	PASS
EDGE 1900 (8PSK)	1 Txslot	27.29	26.75	26.47	33.01	PASS
	2 Txslot	26.91	26.42	26.21	33.01	PASS
	3 Txslot	25.41	24.96	24.68	33.01	PASS
	4 Txslot	23.36	22.90	22.67	33.01	PASS

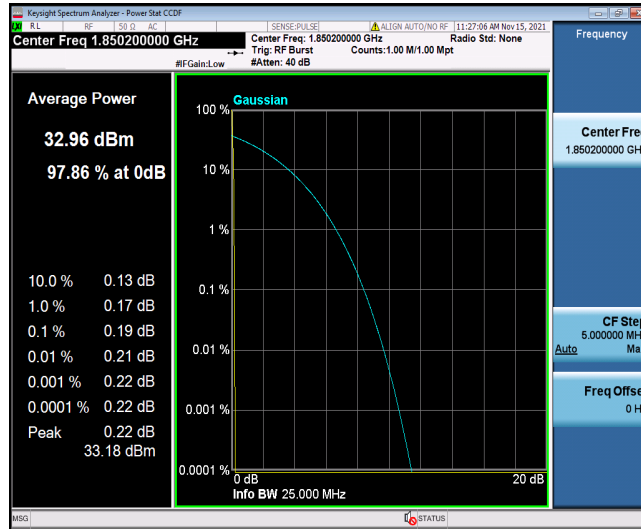
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

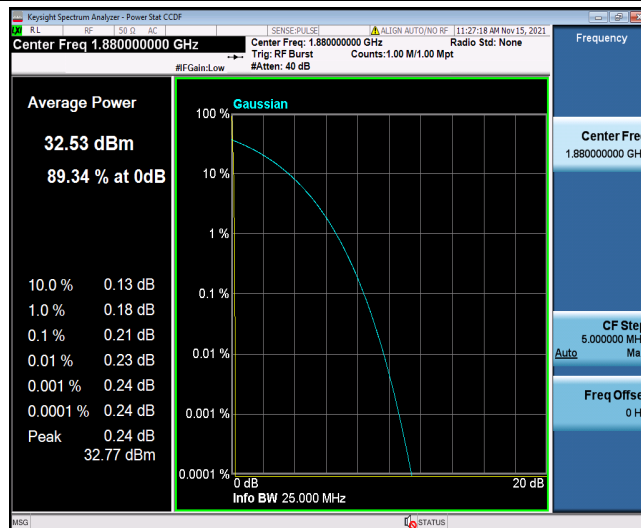
Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM1900	512	0.19	13	PASS
GSM1900	661	0.21	13	PASS
GSM1900	810	0.26	13	PASS
GPRS1900	512	0.18	13	PASS
GPRS1900	661	0.22	13	PASS
GPRS1900	810	0.26	13	PASS
EGPRS1900	512	3.28	13	PASS
EGPRS1900	661	3.22	13	PASS
EGPRS1900	810	3.33	13	PASS

Test Graphs

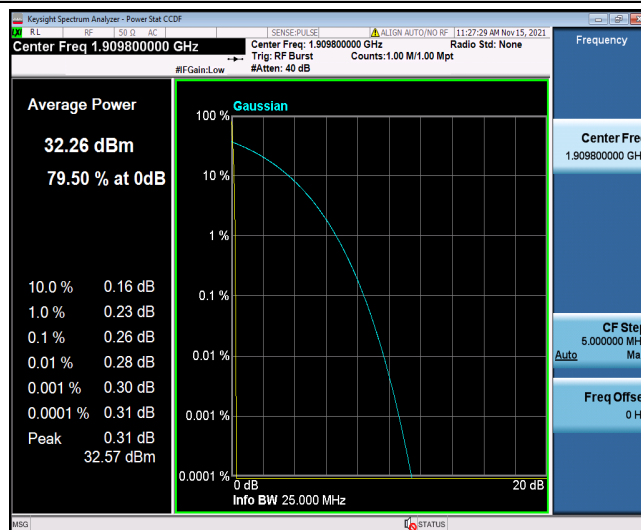
GSM1900-512



GSM1900-661



GSM1900-810



GPRS1900-512



GPRS1900-661



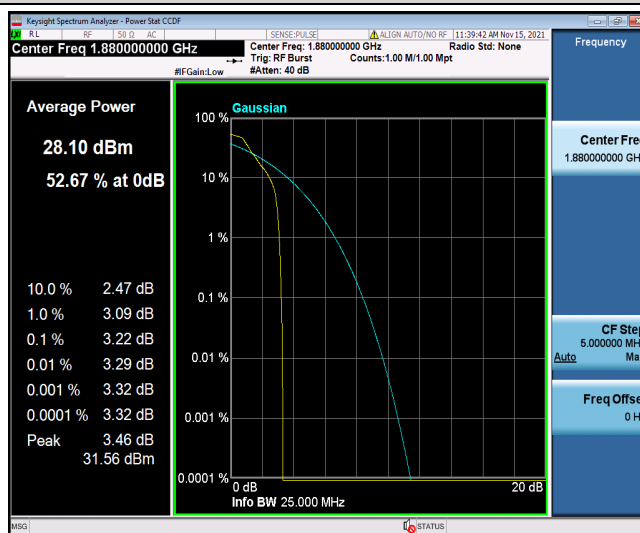
GPRS1900-810



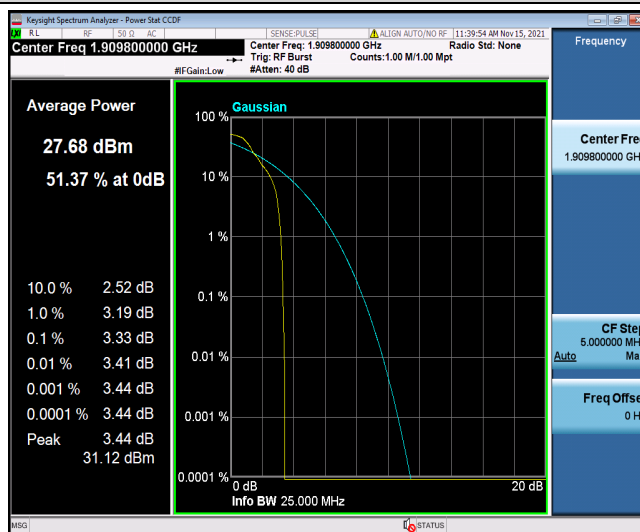
EGPRS1900-512



EGPRS1900-661



EGPRS1900-810



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM1900	512	0.24151	0.2415	---	PASS
GSM1900	661	0.24247	0.2425	---	PASS
GSM1900	810	0.24389	0.2439	---	PASS
GPRS1900	512	0.24764	0.2476	---	PASS
GPRS1900	661	0.24315	0.2431	---	PASS
GPRS1900	810	0.24505	0.2450	---	PASS
EGPRS1900	512	0.24440	0.2444	---	PASS
EGPRS1900	661	0.24467	0.2447	---	PASS
EGPRS1900	810	0.24616	0.2462	---	PASS

Test Graphs

GSM1900-512



GSM1900-661



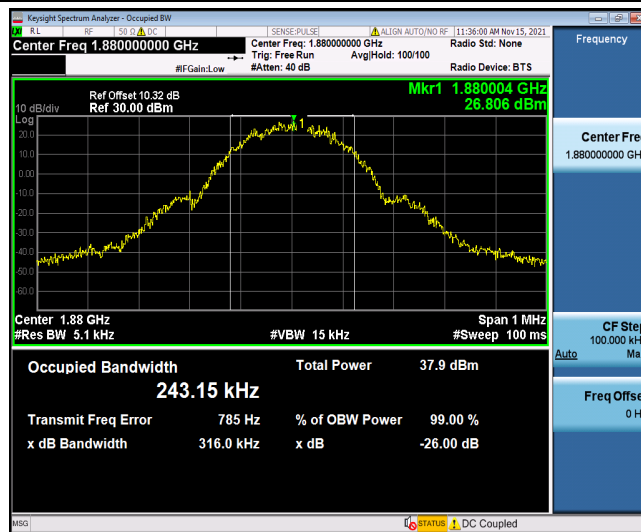
GSM1900-810



GPRS1900-512



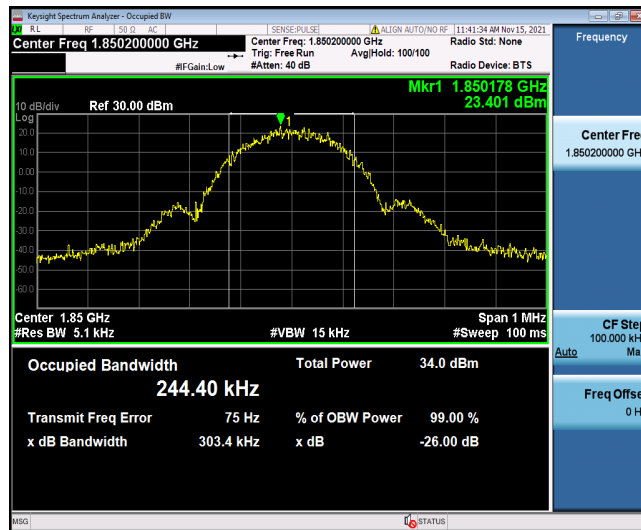
GPRS1900-661



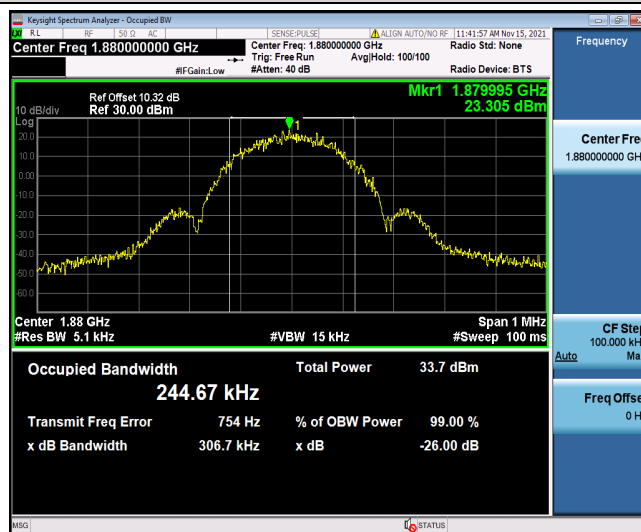
GPRS1900-810



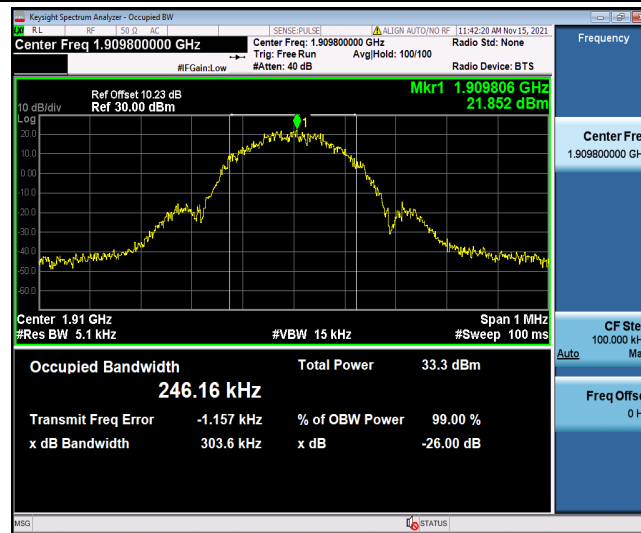
EGPRS1900-512



EGPRS1900-661



EGPRS1900-810



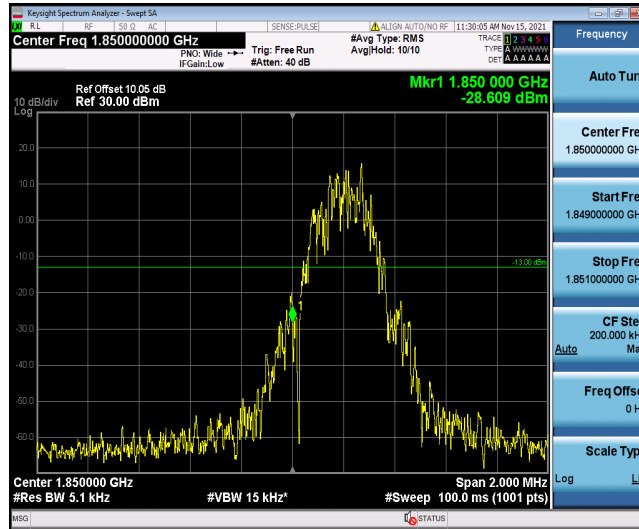
Appendix D: Band Edge

Test Result

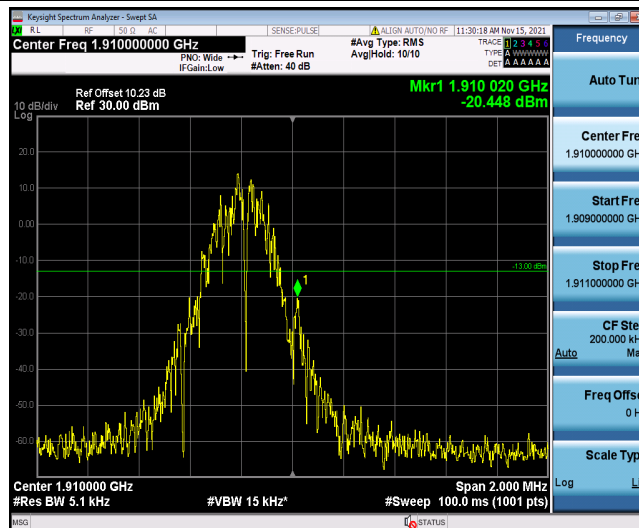
Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM1900	512	1850.00	-20.02	-13	PASS
GSM1900	810	1910.02	-20.45	-13	PASS
GPRS1900	512	1849.98	-22.15	-13	PASS
GPRS1900	810	1910.02	-22.16	-13	PASS
EGPRS1900	512	1849.96	-30.02	-13	PASS
EGPRS1900	810	1910.02	-31.64	-13	PASS

Test Graphs

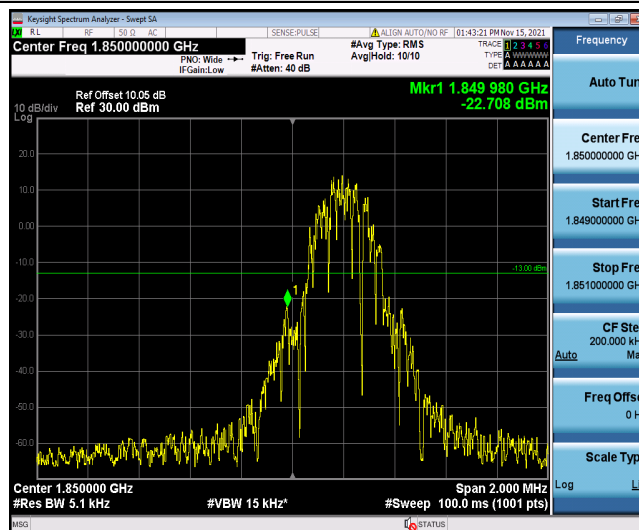
GSM1900-512



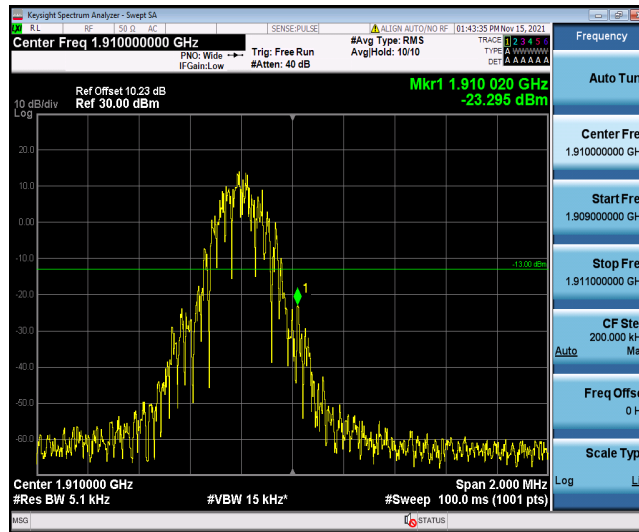
GSM1900-810



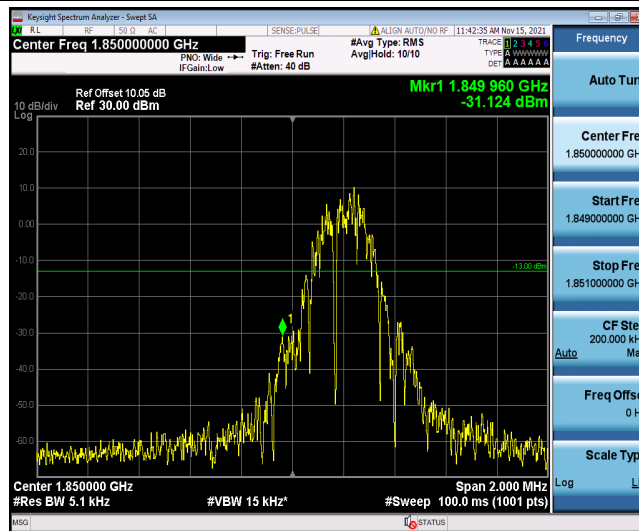
GPRS1900-512



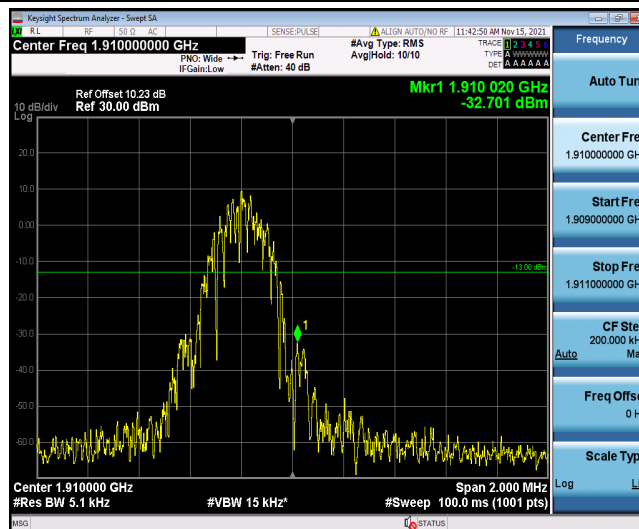
GPRS1900-810



EGPRS1900-512



EGPRS1900-810



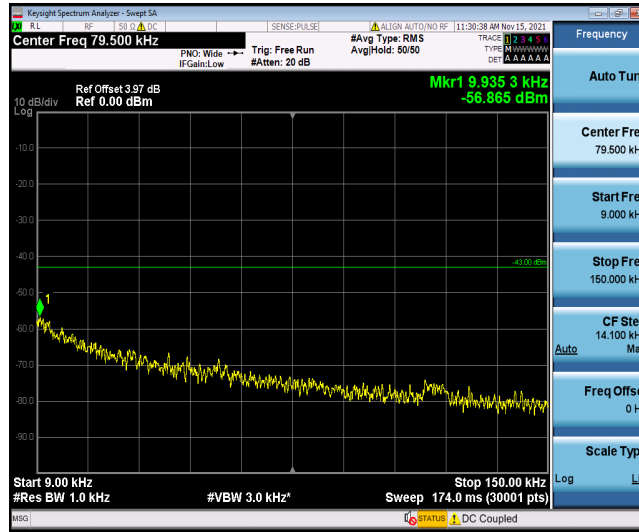
Appendix E: Conducted Spurious Emission

Test Result

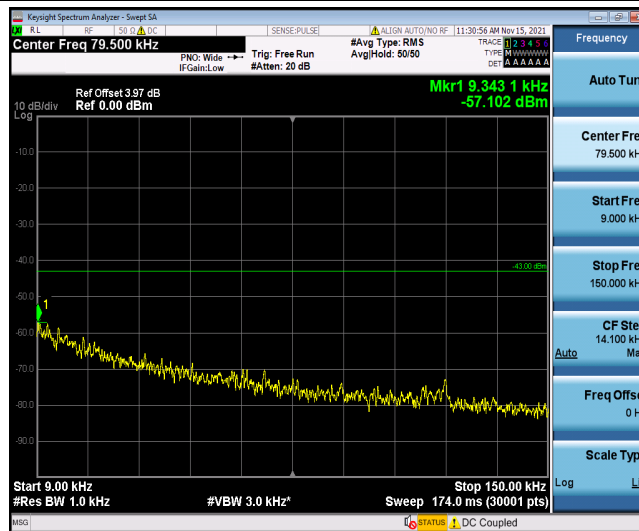
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM1900	512	0.009~0.15MHz	0.01	-56.87	-43	PASS
GSM1900	661	0.009~0.15MHz	0.01	-57.1	-43	PASS
GSM1900	810	0.009~0.15MHz	0.01	-56.24	-43	PASS
GPRS1900	512	0.009~0.15MHz	0.01	-56.01	-43	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-56.74	-43	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-57.01	-43	PASS
EGPRS1900	512	0.009~0.15MHz	0.01	-56.52	-43	PASS
EGPRS1900	512	0.15~30MHz	0.28	-46.77	-23	PASS
EGPRS1900	512	30~1000MHz	790.19	-38.8	-13	PASS
EGPRS1900	512	1000~3000MHz	2639.13	-43.22	-13	PASS
EGPRS1900	512	3000~10000MHz	7232.43	-54.73	-13	PASS
EGPRS1900	512	10000~18000MHz	16563.2	-43.39	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.01	-57.64	-43	PASS
EGPRS1900	661	0.15~30MHz	0.29	-50.16	-23	PASS
EGPRS1900	661	30~1000MHz	763.38	-40.05	-13	PASS
EGPRS1900	661	1000~3000MHz	2639.6	-43.24	-13	PASS
EGPRS1900	661	3000~10000MHz	3759.5	-52.37	-13	PASS
EGPRS1900	661	10000~18000MHz	16620	-43.47	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.01	-56.65	-43	PASS
EGPRS1900	810	0.15~30MHz	0.28	-49.07	-23	PASS
EGPRS1900	810	30~1000MHz	903.65	-40.37	-13	PASS
EGPRS1900	810	1000~3000MHz	2652.53	-43.14	-13	PASS
EGPRS1900	810	3000~10000MHz	3759.73	-50.88	-13	PASS
EGPRS1900	810	10000~18000MHz	16574.93	-43.28	-13	PASS

Test Graphs

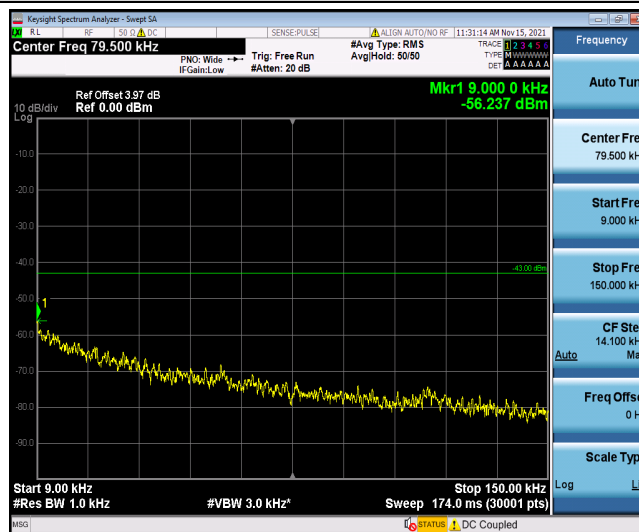
GSM1900-512-0.009~0.15MHz



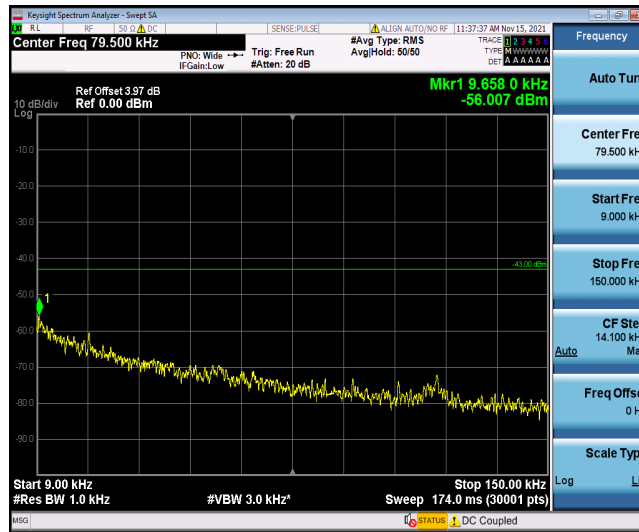
GSM1900-661-0.009~0.15MHz



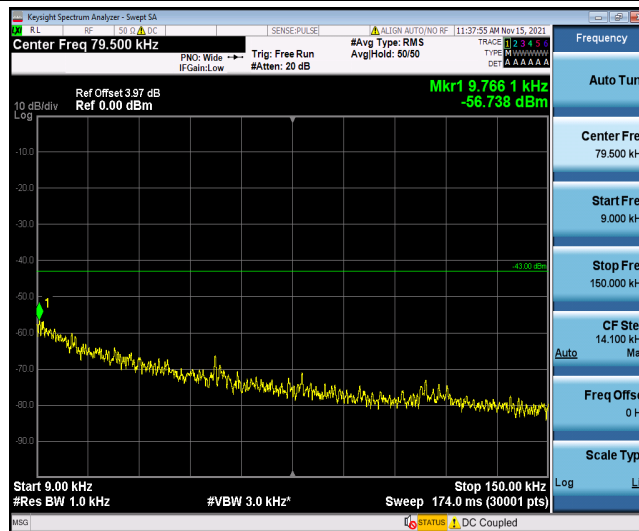
GSM1900-810-0.009~0.15MHz



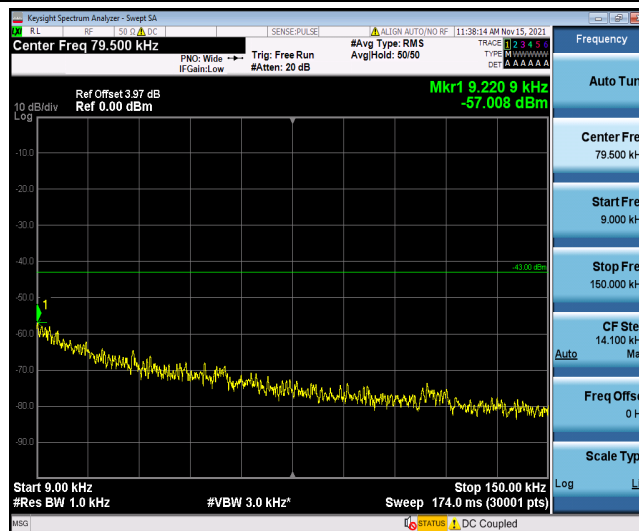
GPRS1900-512-0.009~0.15MHz



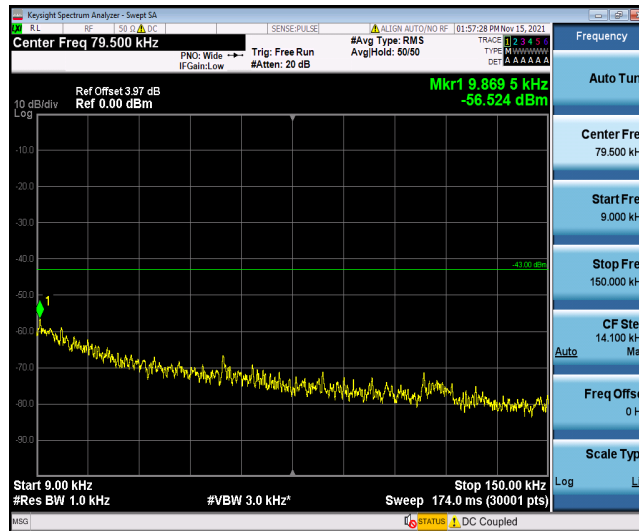
GPRS1900-661-0.009~0.15MHz



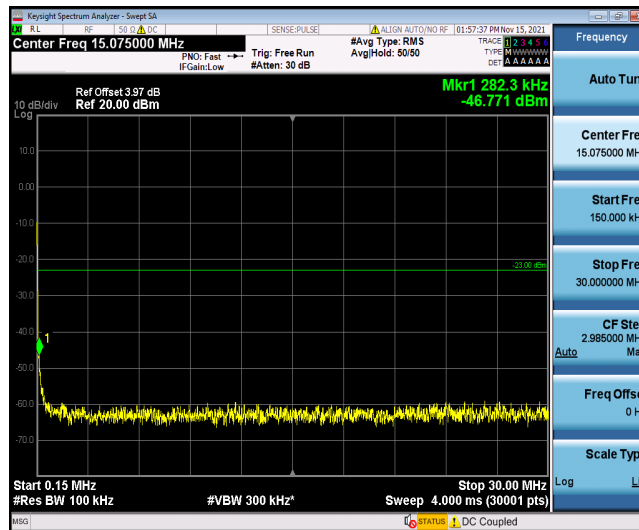
GPRS1900-810-0.009~0.15MHz



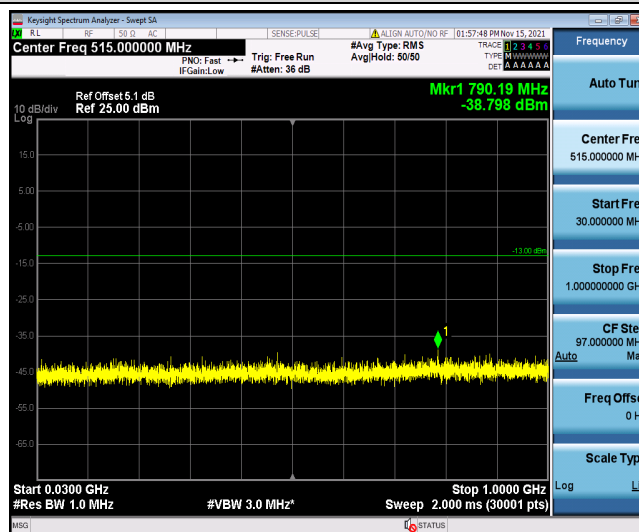
EGPRS1900-512-0.009~0.15MHz



EGPRS1900-512-0.15~30MHz



EGPRS1900-512-30~1000MHz



EGPRS1900-512-1000~3000MHz



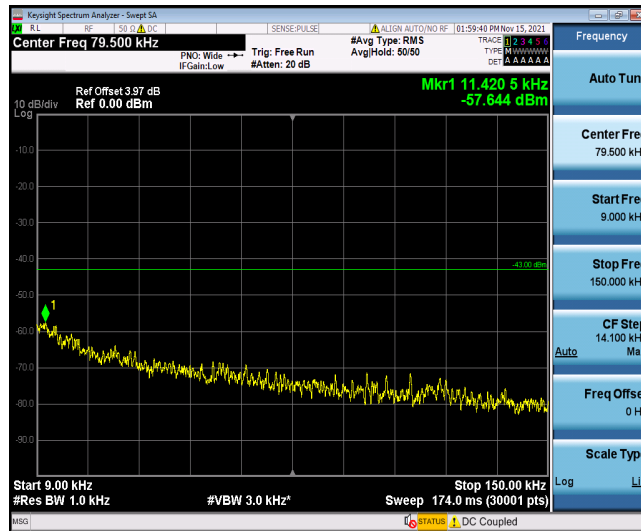
EGPRS1900-512-3000~10000MHz



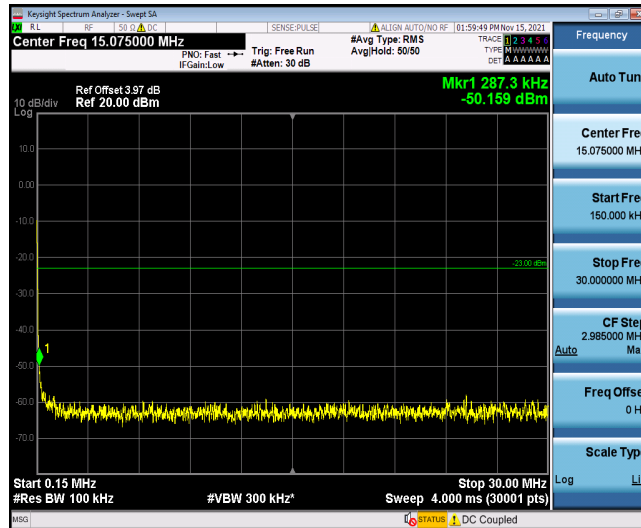
EGPRS1900-512-10000~18000MHz



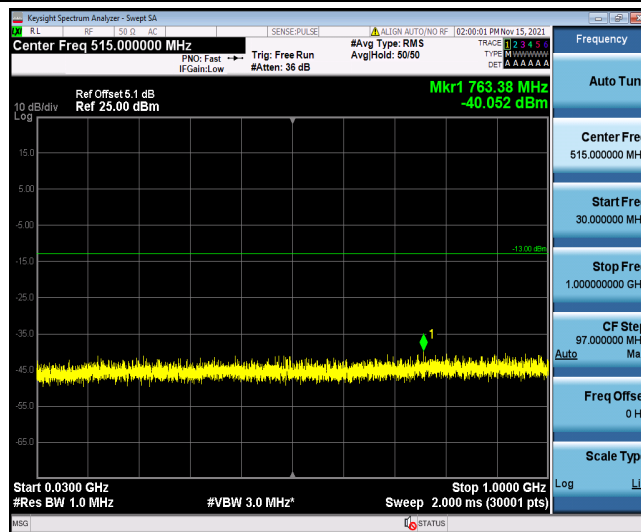
EGPRS1900-661-0.009~0.15MHz



EGPRS1900-661-0.15~30MHz



EGPRS1900-661-30~1000MHz



EGPRS1900-661-1000~3000MHz



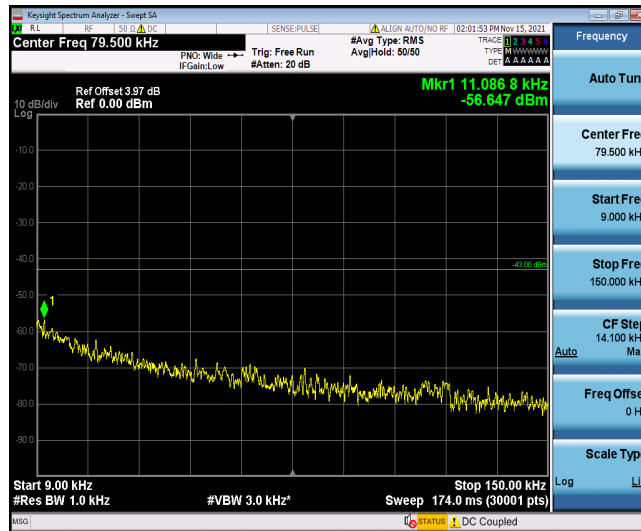
EGPRS1900-661-3000~10000MHz



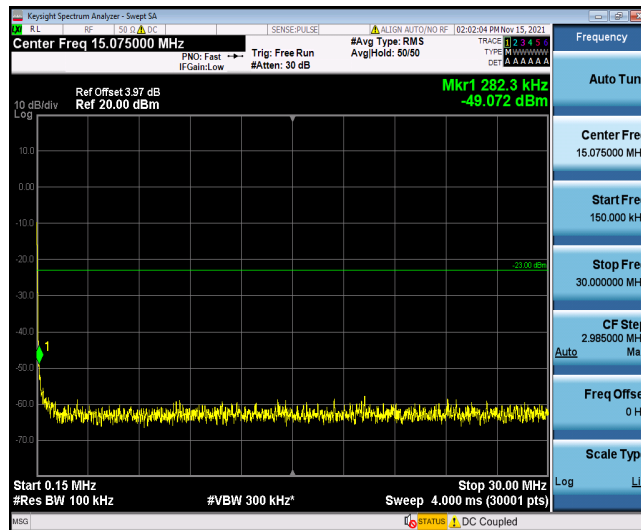
EGPRS1900-661-10000~18000MHz



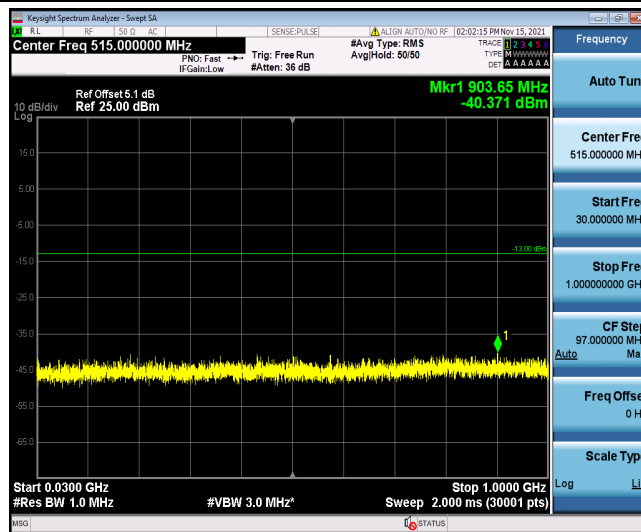
EGPRS1900-810-0.009~0.15MHz



EGPRS1900-810-0.15~30MHz



EGPRS1900-810-30~1000MHz



EGPRS1900-810-1000~3000MHz



EGPRS1900-810-3000~10000MHz



EGPRS1900-810-10000~18000MHz



Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
GSM1900	512	VL	NT	10.20	0.005513	Within the authorized frequency block	PASS
GSM1900	512	VN	NT	7.04	0.003805		PASS
GSM1900	512	VH	NT	8.04	0.004345		PASS
GSM1900	661	VL	NT	16.59	0.008824		PASS
GSM1900	661	VN	NT	15.79	0.008399		PASS
GSM1900	661	VH	NT	0.84	0.000447		PASS
GSM1900	810	VL	NT	21.18	0.011090		PASS
GSM1900	810	VN	NT	6.65	0.003482		PASS
GSM1900	810	VH	NT	5.62	0.002943		PASS
GPRS1900	512	VL	NT	32.12	0.017360		PASS
GPRS1900	512	VN	NT	34.84	0.018830		PASS
GPRS1900	512	VH	NT	32.16	0.017382		PASS
GPRS1900	661	VL	NT	23.89	0.012707		PASS
GPRS1900	661	VN	NT	27.57	0.014665		PASS
GPRS1900	661	VH	NT	16.53	0.008793		PASS
GPRS1900	810	VL	NT	32.35	0.016939		PASS
GPRS1900	810	VN	NT	28.44	0.014892		PASS
GPRS1900	810	VH	NT	30.93	0.016195		PASS
EGPRS1900	512	VL	NT	42.84	0.023154		PASS
EGPRS1900	512	VN	NT	45.04	0.024343		PASS
EGPRS1900	512	VH	NT	45.46	0.024570		PASS
EGPRS1900	661	VL	NT	23.34	0.012415		PASS
EGPRS1900	661	VN	NT	36.16	0.019234		PASS
EGPRS1900	661	VH	NT	26.54	0.014117		PASS
EGPRS1900	810	VL	NT	16.47	0.008624		PASS
EGPRS1900	810	VN	NT	20.79	0.010886		PASS
EGPRS1900	810	VH	NT	26.44	0.013844		PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
GSM1900	512	NV	-30	3.33	0.001800	Within the authorized	PASS
GSM1900	512	NV	-20	10.33	0.005583		PASS
GSM1900	512	NV	-10	8.68	0.004691		PASS
GSM1900	512	NV	0	8.36	0.004518		PASS

GSM1900	512	NV	10	8.33	0.004502	frequency block	PASS
GSM1900	512	NV	20	8.43	0.004556		PASS
GSM1900	512	NV	30	9.20	0.004972		PASS
GSM1900	512	NV	40	7.39	0.003994		PASS
GSM1900	512	NV	50	8.98	0.004854		PASS
GSM1900	661	NV	-30	4.39	0.002335		PASS
GSM1900	661	NV	-20	2.36	0.001255		PASS
GSM1900	661	NV	-10	-2.78	-0.001479		PASS
GSM1900	661	NV	0	0.42	0.000223		PASS
GSM1900	661	NV	10	2.49	0.001324		PASS
GSM1900	661	NV	20	4.13	0.002197		PASS
GSM1900	661	NV	30	1.78	0.000947		PASS
GSM1900	661	NV	40	-4.49	-0.002388		PASS
GSM1900	661	NV	50	-0.77	-0.000410		PASS
GSM1900	810	NV	-30	6.46	0.003383		PASS
GSM1900	810	NV	-20	6.72	0.003519		PASS
GSM1900	810	NV	-10	0.19	0.000099		PASS
GSM1900	810	NV	0	1.10	0.000576		PASS
GSM1900	810	NV	10	2.39	0.001251		PASS
GSM1900	810	NV	20	3.33	0.001744		PASS
GSM1900	810	NV	30	3.97	0.002079		PASS
GSM1900	810	NV	40	6.78	0.003550		PASS
GSM1900	810	NV	50	7.55	0.003953		PASS
GPRS1900	512	NV	-30	35.55	0.019214		PASS
GPRS1900	512	NV	-20	38.65	0.020890		PASS
GPRS1900	512	NV	-10	37.61	0.020328		PASS
GPRS1900	512	NV	0	35.16	0.019003		PASS
GPRS1900	512	NV	10	35.03	0.018933		PASS
GPRS1900	512	NV	20	37.23	0.020122		PASS
GPRS1900	512	NV	30	36.74	0.019857		PASS
GPRS1900	512	NV	40	38.36	0.020733		PASS
GPRS1900	512	NV	50	35.22	0.019036		PASS
GPRS1900	661	NV	-30	23.86	0.012691		PASS
GPRS1900	661	NV	-20	21.92	0.011660		PASS
GPRS1900	661	NV	-10	19.79	0.010527		PASS
GPRS1900	661	NV	0	13.82	0.007351		PASS
GPRS1900	661	NV	10	18.44	0.009809		PASS
GPRS1900	661	NV	20	22.99	0.012229		PASS
GPRS1900	661	NV	30	22.15	0.011782		PASS
GPRS1900	661	NV	40	17.98	0.009564		PASS
GPRS1900	661	NV	50	17.89	0.009516		PASS

GPRS1900	810	NV	-30	28.15	0.014740	PASS
GPRS1900	810	NV	-20	30.12	0.015771	PASS
GPRS1900	810	NV	-10	33.32	0.017447	PASS
GPRS1900	810	NV	0	26.51	0.013881	PASS
GPRS1900	810	NV	10	25.70	0.013457	PASS
GPRS1900	810	NV	20	29.35	0.015368	PASS
GPRS1900	810	NV	30	26.41	0.013829	PASS
GPRS1900	810	NV	40	25.28	0.013237	PASS
GPRS1900	810	NV	50	31.12	0.016295	PASS
EGPRS1900	512	NV	-30	44.30	0.023943	PASS
EGPRS1900	512	NV	-20	43.81	0.023679	PASS
EGPRS1900	512	NV	-10	44.36	0.023976	PASS
EGPRS1900	512	NV	0	41.71	0.022544	PASS
EGPRS1900	512	NV	10	45.98	0.024851	PASS
EGPRS1900	512	NV	20	41.07	0.022198	PASS
EGPRS1900	512	NV	30	45.01	0.024327	PASS
EGPRS1900	512	NV	40	44.75	0.024187	PASS
EGPRS1900	512	NV	50	47.30	0.025565	PASS
EGPRS1900	661	NV	-30	31.74	0.016883	PASS
EGPRS1900	661	NV	-20	31.16	0.016574	PASS
EGPRS1900	661	NV	-10	27.51	0.014633	PASS
EGPRS1900	661	NV	0	31.09	0.016537	PASS
EGPRS1900	661	NV	10	27.54	0.014649	PASS
EGPRS1900	661	NV	20	28.15	0.014973	PASS
EGPRS1900	661	NV	30	27.41	0.014580	PASS
EGPRS1900	661	NV	40	28.64	0.015234	PASS
EGPRS1900	661	NV	50	29.64	0.015766	PASS
EGPRS1900	810	NV	-30	23.12	0.012106	PASS
EGPRS1900	810	NV	-20	23.96	0.012546	PASS
EGPRS1900	810	NV	-10	19.44	0.010179	PASS
EGPRS1900	810	NV	0	31.77	0.016635	PASS
EGPRS1900	810	NV	10	23.15	0.012122	PASS
EGPRS1900	810	NV	20	26.18	0.013708	PASS
EGPRS1900	810	NV	30	30.80	0.016127	PASS
EGPRS1900	810	NV	40	31.54	0.016515	PASS
EGPRS1900	810	NV	50	23.34	0.012221	PASS

***** End *****