

Report No.: SUAR/2021/C000301
Rev.: 01
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Appendix



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT1:

Band	Channel	POWER(dBm)	ERP(dBm)	Limit(dBm)	Verdict
GSM850	128	33.09	27.24	38.5	PASS
GSM850	190	32.86	27.01	38.5	PASS
GSM850	251	33.23	27.38	38.5	PASS

ANT2:

Band	Channel	POWER(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
GSM1900	512	30.46	27.96	33	PASS
GSM1900	661	30.28	27.78	33	PASS
GSM1900	810	30.45	27.95	33	PASS

ANT1:

Band	Channel	Slot	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
EGPRS850	128	1	33.09	27.24	38.5	PASS
EGPRS850	128	2	29.37	23.52	38.5	PASS
EGPRS850	128	3	27.69	21.84	38.5	PASS
EGPRS850	128	4	26.06	20.21	38.5	PASS
EGPRS850	190	1	32.63	26.78	38.5	PASS
EGPRS850	190	2	29.43	23.58	38.5	PASS
EGPRS850	190	3	27.77	21.92	38.5	PASS
EGPRS850	190	4	26.07	20.22	38.5	PASS
EGPRS850	251	1	33.12	27.27	38.5	PASS
EGPRS850	251	2	29.48	23.63	38.5	PASS
EGPRS850	251	3	27.82	21.97	38.5	PASS
EGPRS850	251	4	26.15	20.3	38.5	PASS



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ANT2:

Band	Channel	Slot	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
EGPRS1900	512	1	30.19	28.19	33	PASS
EGPRS1900	512	2	26.63	24.63	33	PASS
EGPRS1900	512	3	24.77	22.77	33	PASS
EGPRS1900	512	4	23.09	21.09	33	PASS
EGPRS1900	661	1	30.18	28.18	33	PASS
EGPRS1900	661	2	26.5	24.5	33	PASS
EGPRS1900	661	3	24.91	22.91	33	PASS
EGPRS1900	661	4	23.08	21.08	33	PASS
EGPRS1900	810	1	30.26	28.26	33	PASS
EGPRS1900	810	2	26.47	24.47	33	PASS
EGPRS1900	810	3	24.85	22.85	33	PASS
EGPRS1900	810	4	23.12	21.12	33	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

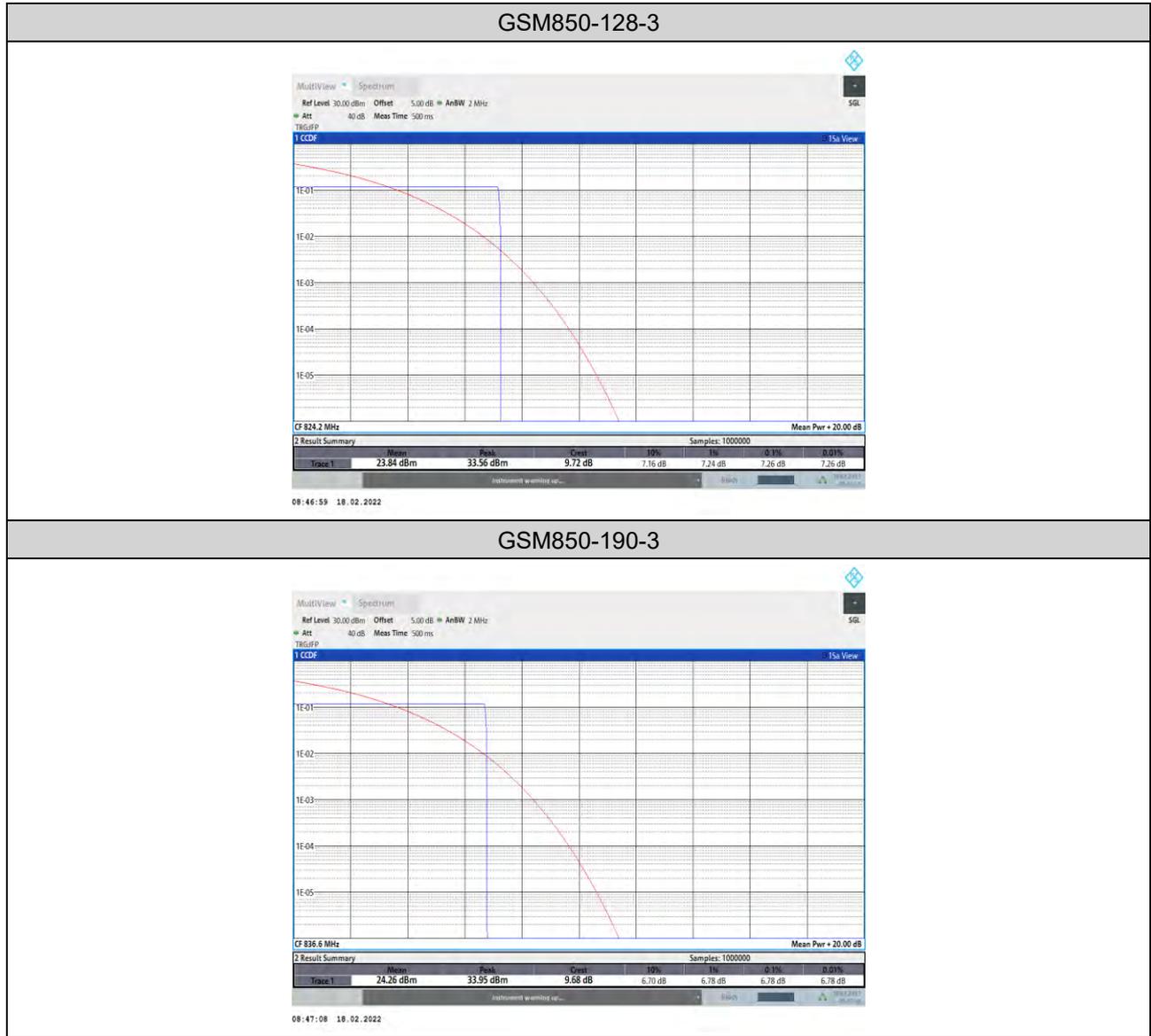
Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	7.26	13	PASS
GSM850	190	6.78	13	PASS
GSM850	251	6.7	13	PASS
EGPRS850	128	12.74	13	PASS
EGPRS850	190	12.76	13	PASS
EGPRS850	251	12.8	13	PASS
GSM1900	512	9.88	13	PASS
GSM1900	661	9.86	13	PASS
GSM1900	810	9.96	13	PASS
EGPRS1900	512	12.92	13	PASS
EGPRS1900	661	12.8	13	PASS
EGPRS1900	810	12.96	13	PASS



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Test Graphs

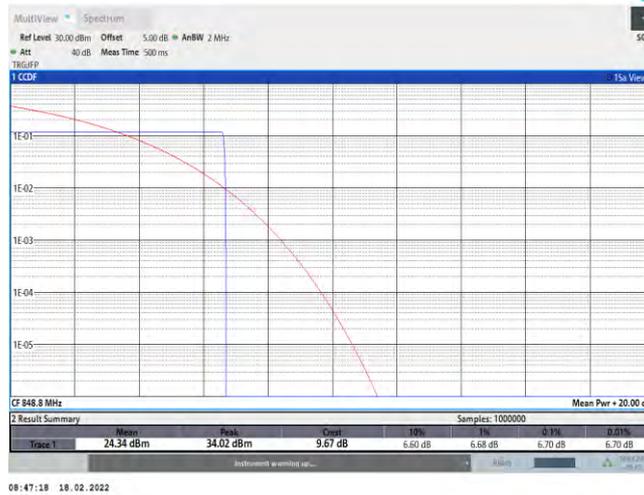


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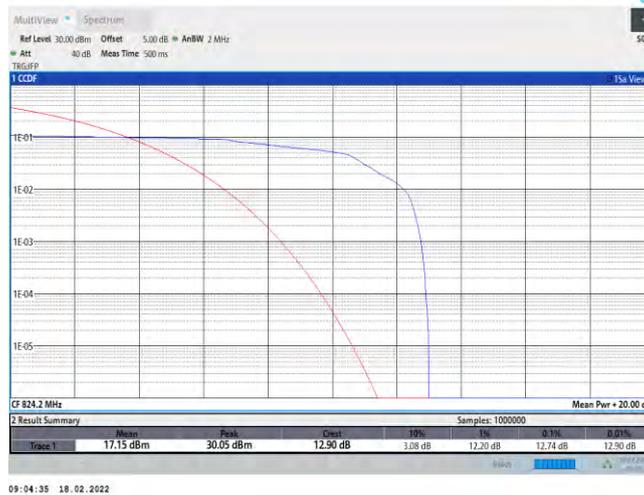
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GSM850-251-3



EGPRS850-128-8

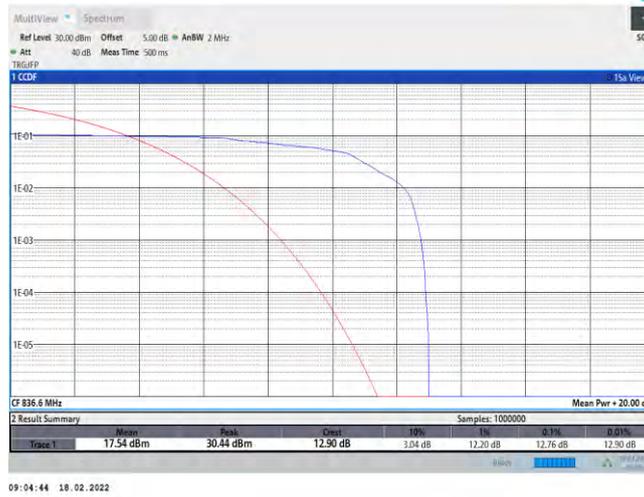


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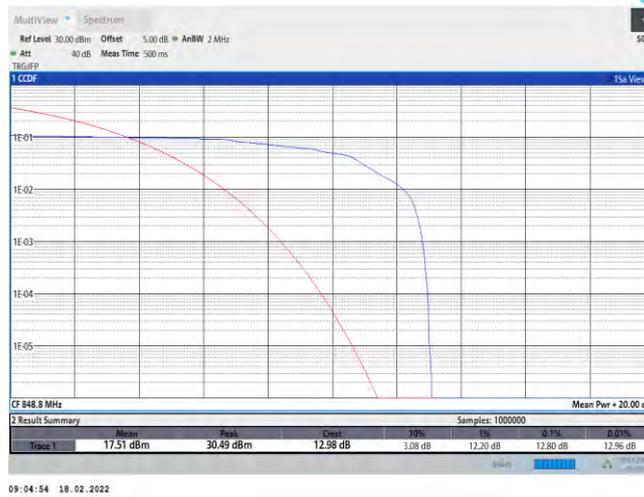
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EGPRS850-190-8



EGPRS850-251-8

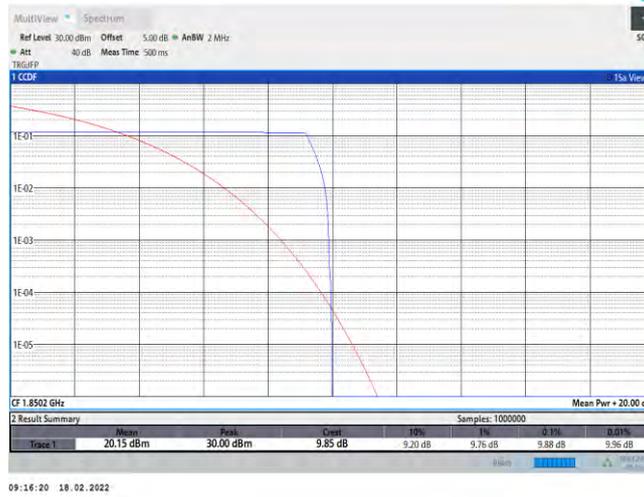


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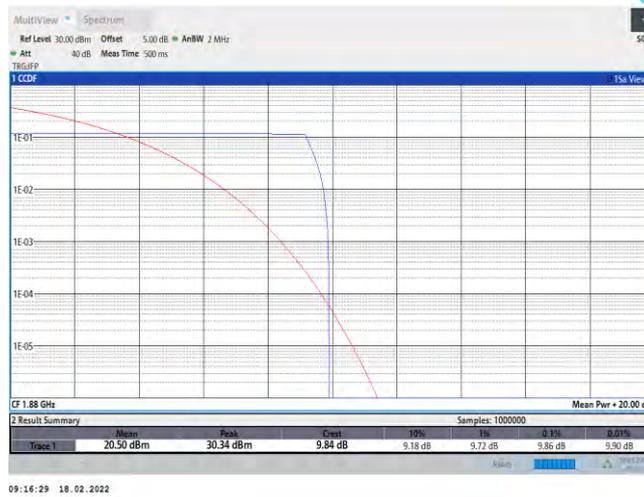
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GSM1900-512-0



09:16:20 18.02.2022

GSM1900-661-0



09:16:29 18.02.2022

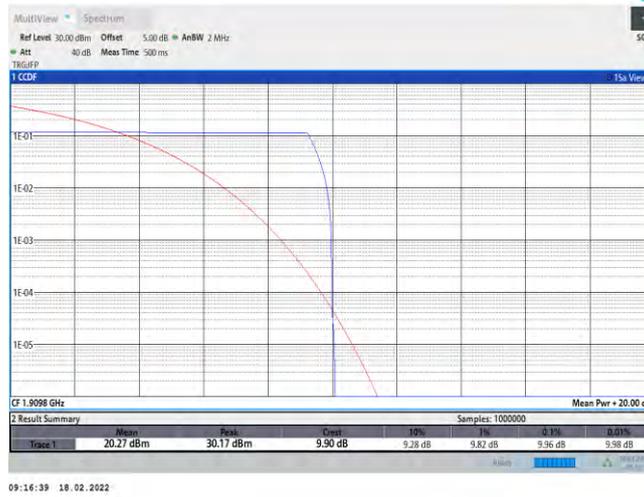


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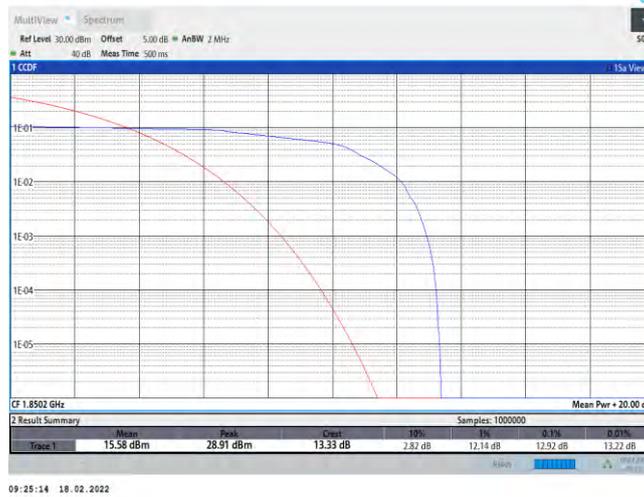
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GSM1900-810-0



EGPRS1900-512-2

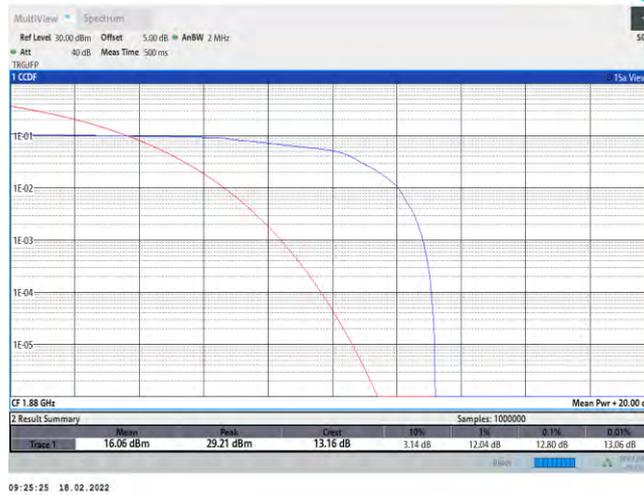


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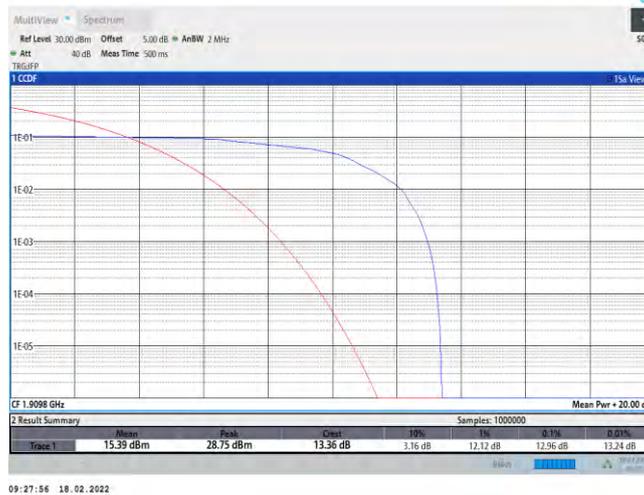
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EGPRS1900-661-2



EGPRS1900-810-2



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Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
GSM850	190	PASS	PASS
EGPRS850	190	PASS	PASS
GSM1900	661	PASS	PASS
EGPRS1900	661	PASS	PASS



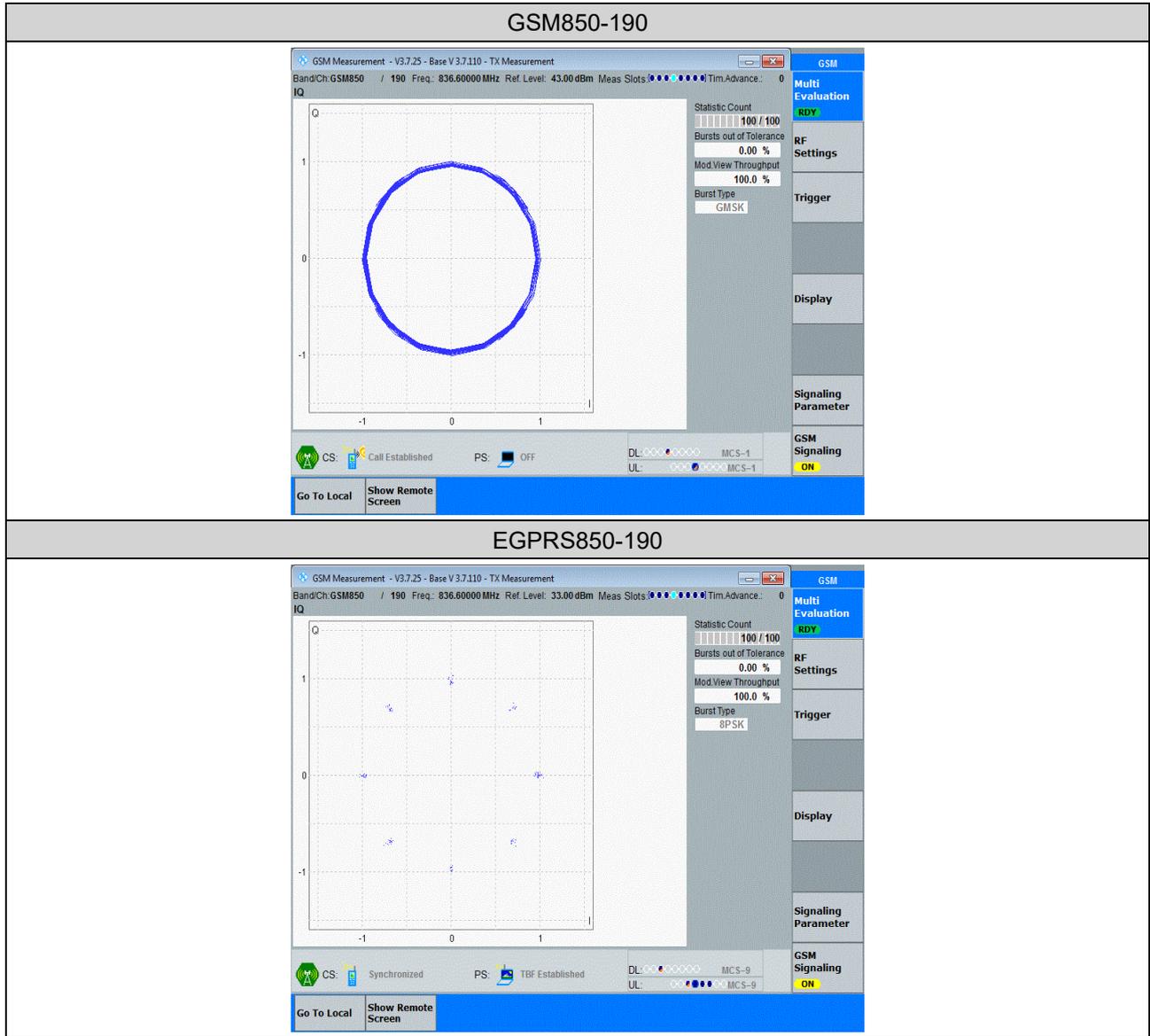
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Test Graphs

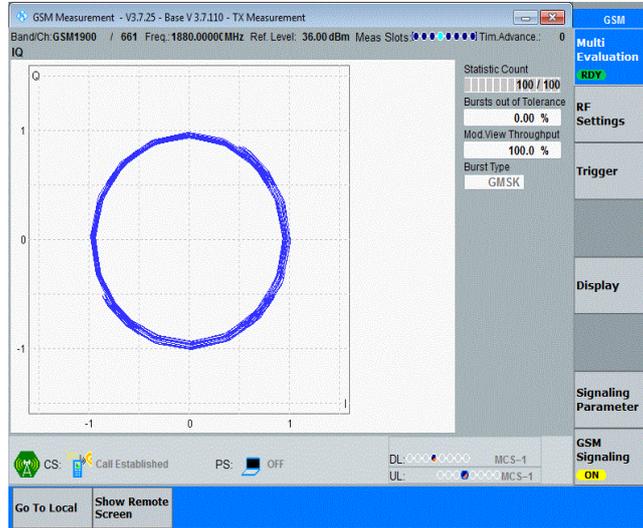


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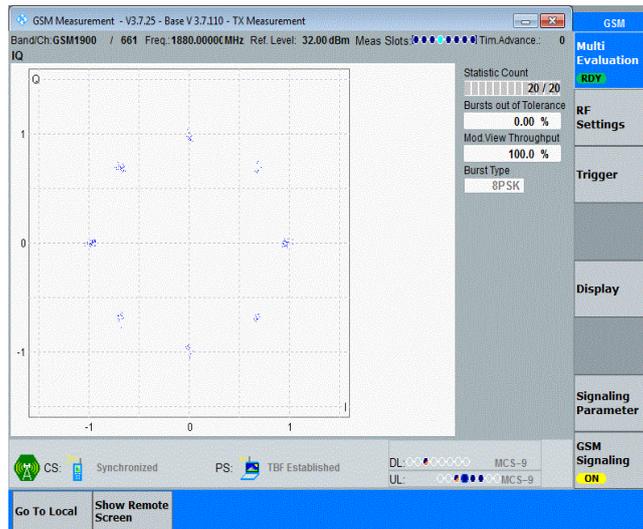
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GSM1900-661



EGPRS1900-661



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.245	0.31	---	PASS
GSM850	190	0.243	0.32	---	PASS
GSM850	251	0.244	0.32	---	PASS
EGPRS850	128	0.251	0.32	---	PASS
EGPRS850	190	0.25	0.31	---	PASS
EGPRS850	251	0.251	0.31	---	PASS
GSM1900	512	0.245	0.31	---	PASS
GSM1900	661	0.247	0.32	---	PASS
GSM1900	810	0.246	0.31	---	PASS
EGPRS1900	512	0.249	0.32	---	PASS
EGPRS1900	661	0.25	0.32	---	PASS
EGPRS1900	810	0.248	0.32	---	PASS

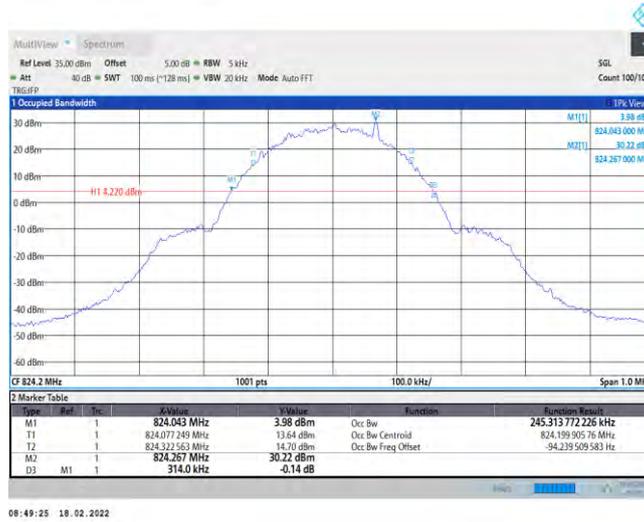


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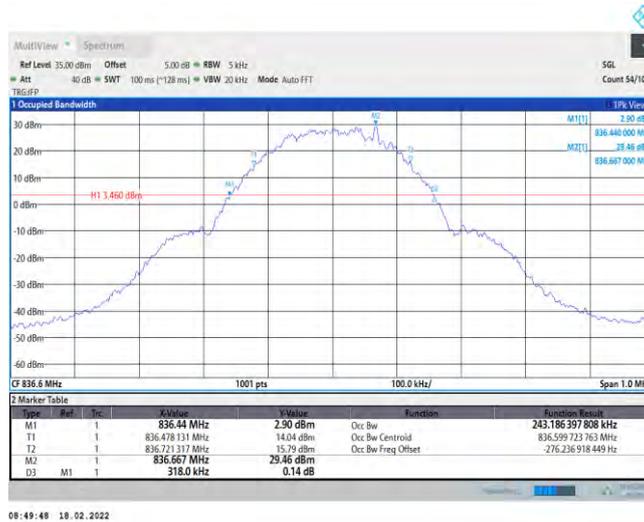
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Test Graphs

GSM850-128-3-0.31



GSM850-190-3-0.32



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EGPRS850-190-8-0.31



EGPRS850-251-8-0.31



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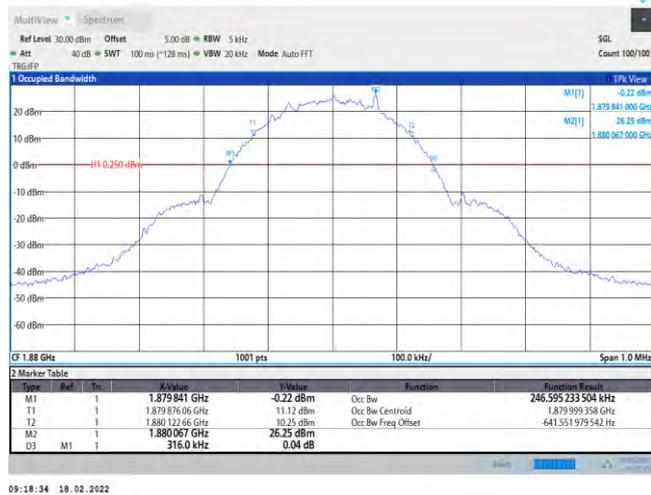
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GSM1900-512-0-0.31



GSM1900-661-0-0.32



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GSM1900-810-0-0.31



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EGPRS1900-512-2-0.32



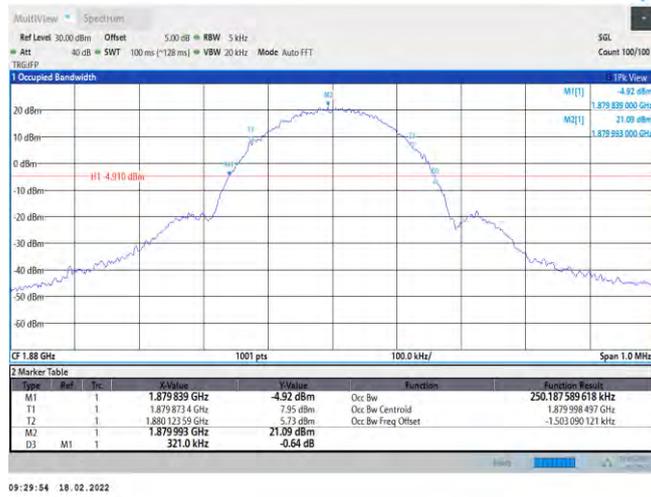
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EGPRS1900-810-2-0.32



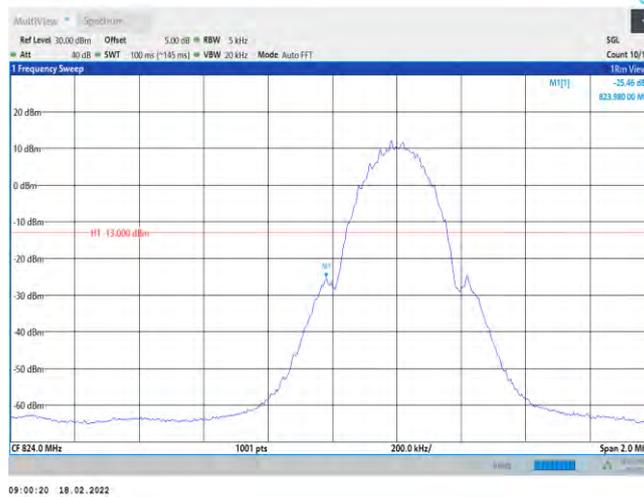
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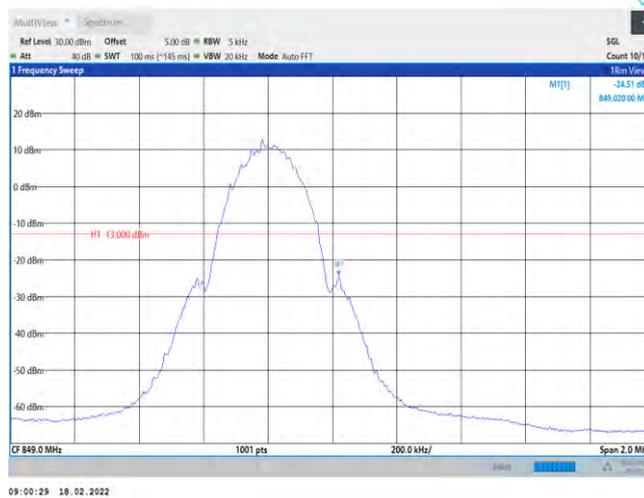
Band Edge

Test Graphs

GSM850-128-3



GSM850-251-3



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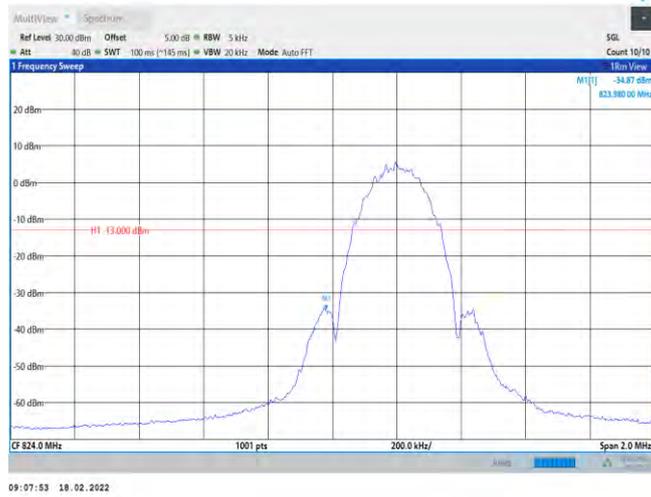
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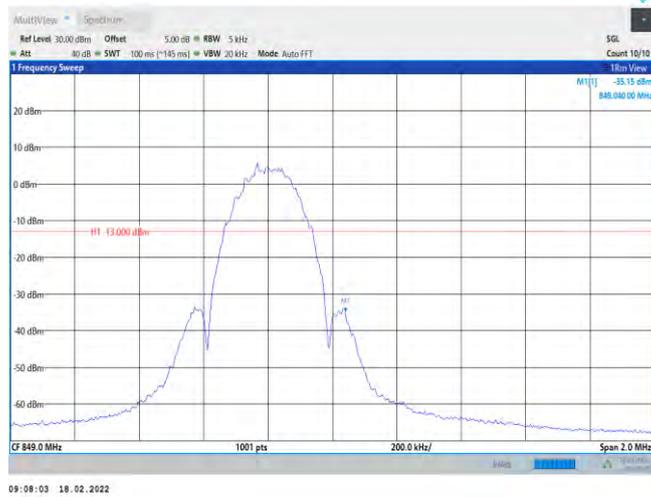
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EGPRS850-128-8



EGPRS850-251-8

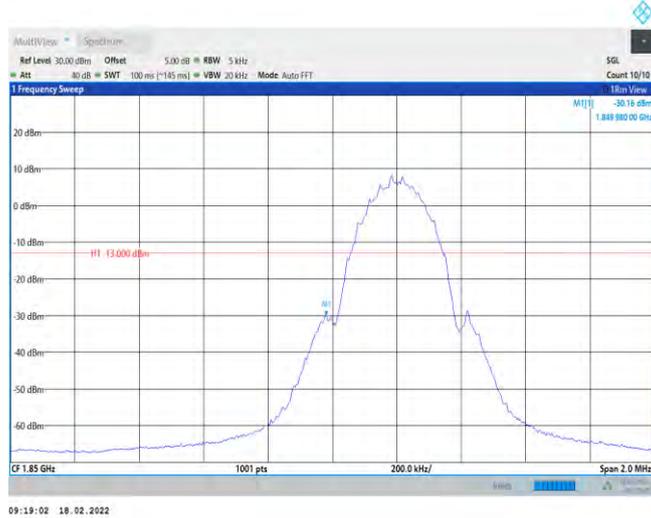


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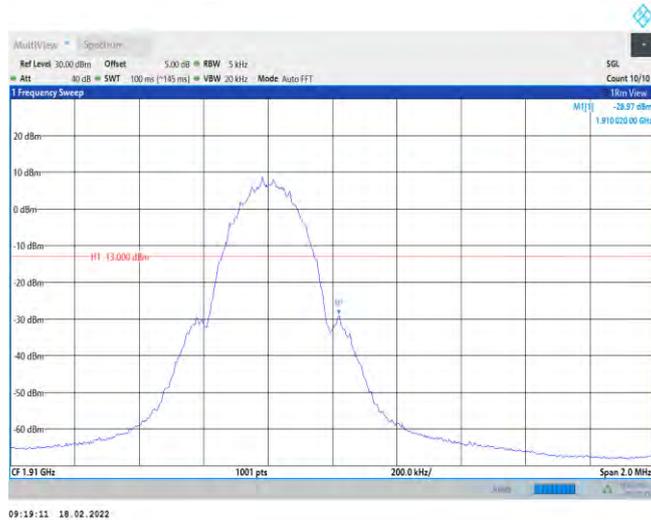
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GSM1900-512-0



GSM1900-810-0



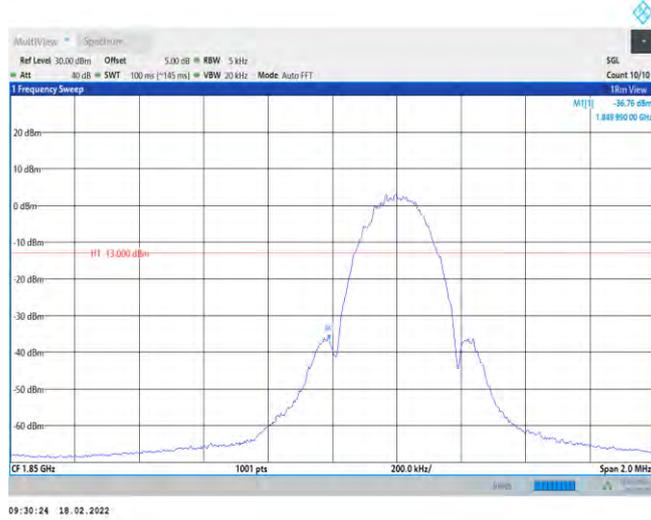
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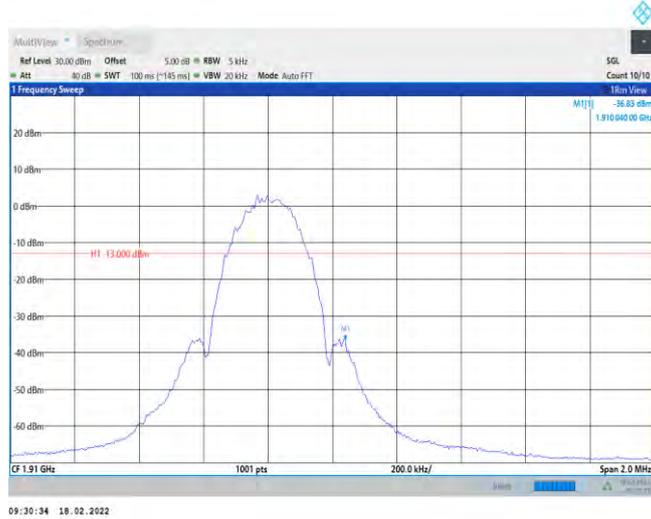
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EGPRS1900-512-2



EGPRS1900-810-2



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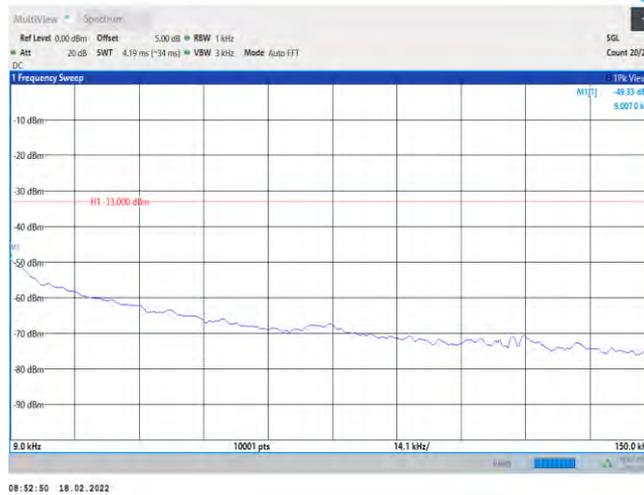
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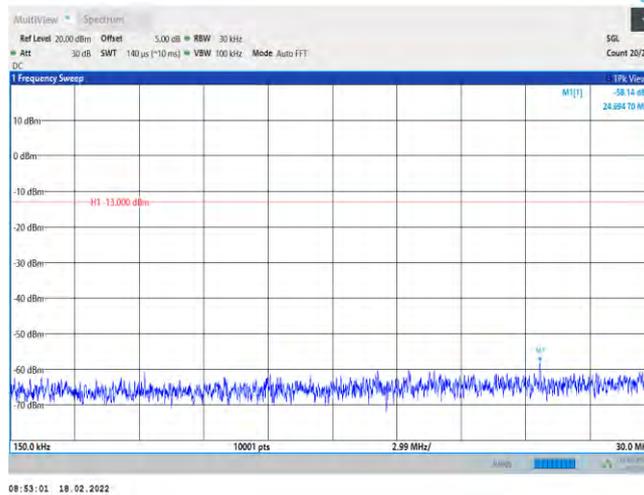
Conducted Spurious Emission

Test Graphs

GSM850-128-3-0.009~0.15MHz



GSM850-128-3-0.15~30MHz

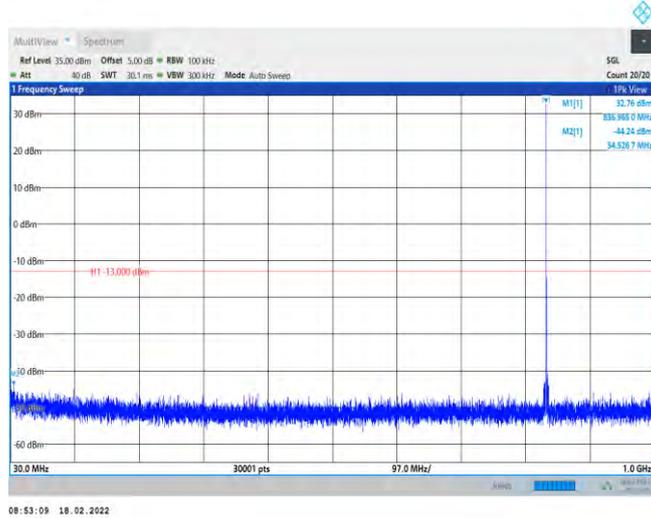


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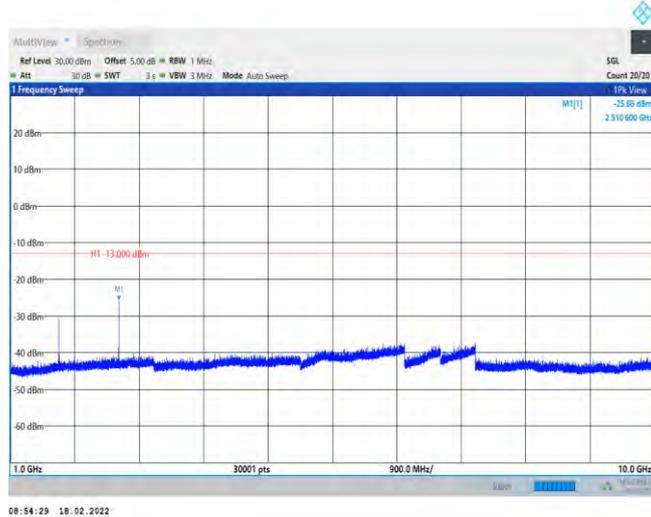
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GSM850-128-3-30~1000MHz



GSM850-128-3-1000~10000MHz

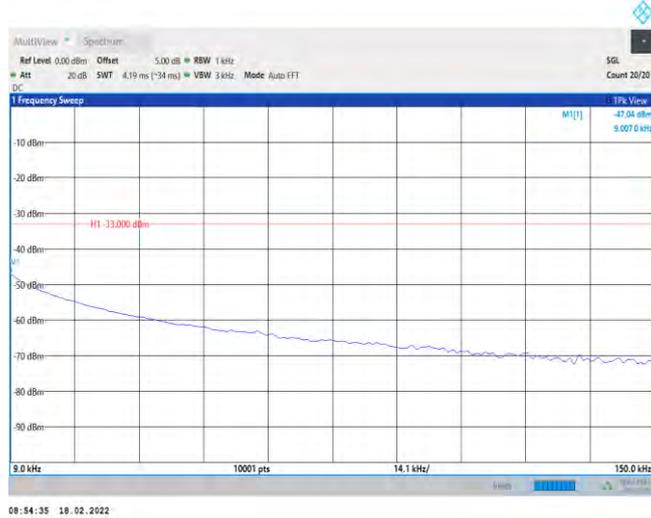


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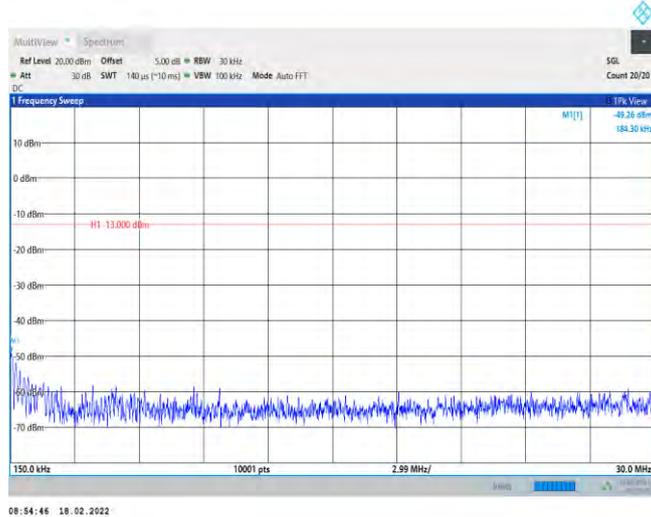
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GSM850-190-3-0.009~0.15MHz



GSM850-190-3-0.15~30MHz



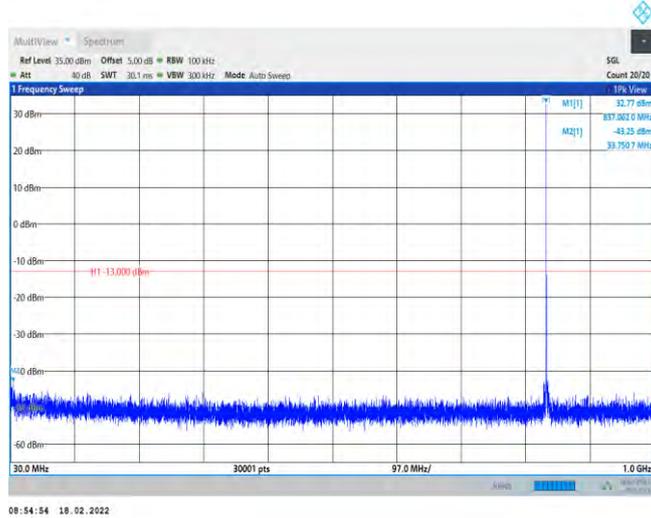
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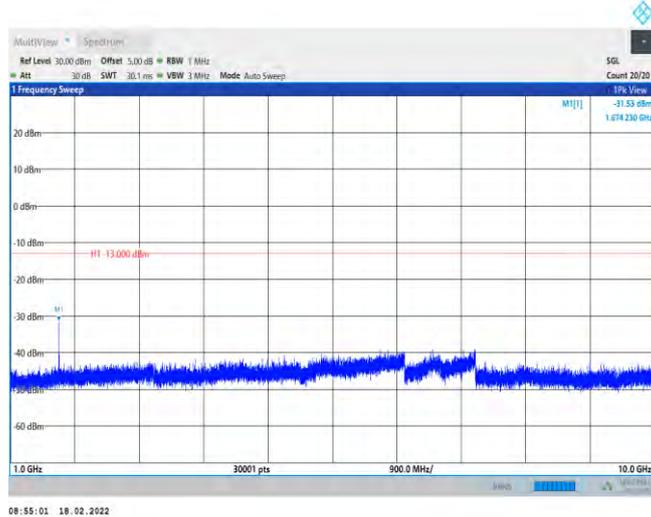
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GSM850-190-3-30~1000MHz



GSM850-190-3-1000~10000MHz

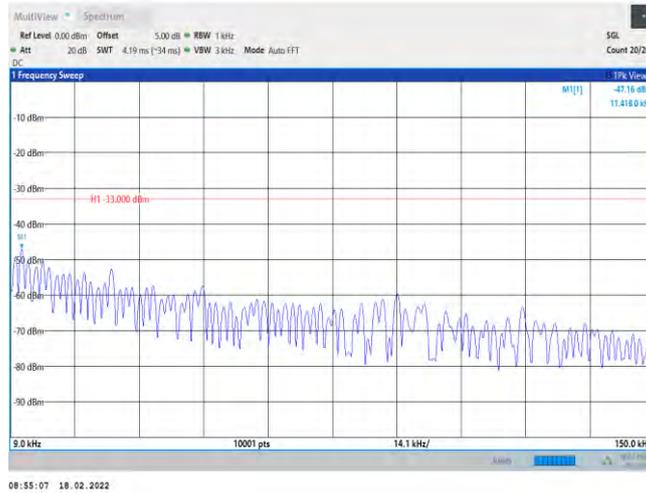


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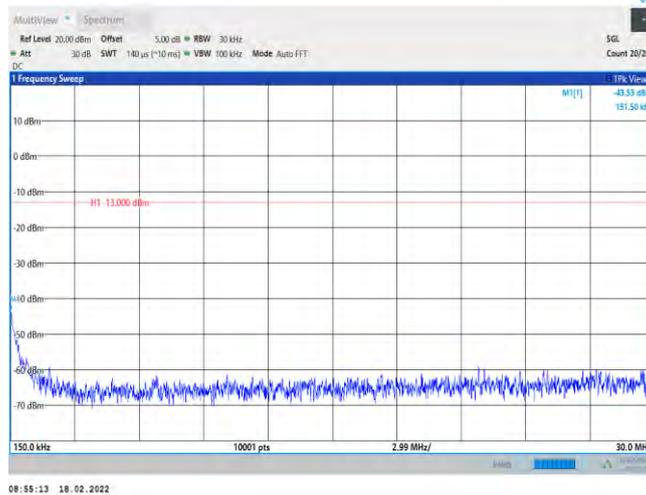
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GSM850-251-3-0.009~0.15MHz



GSM850-251-3-0.15~30MHz



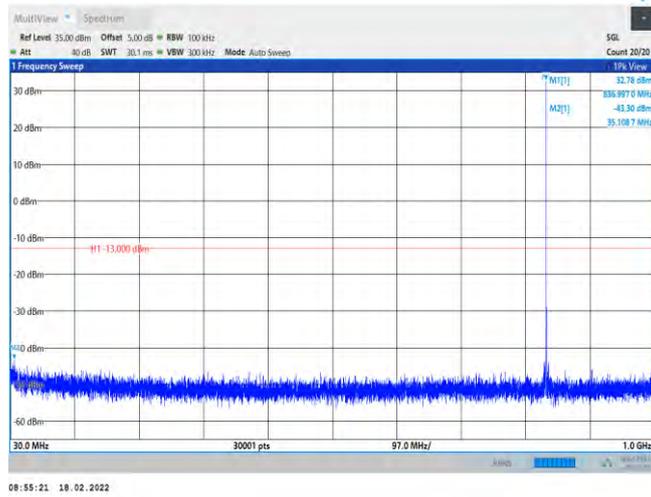
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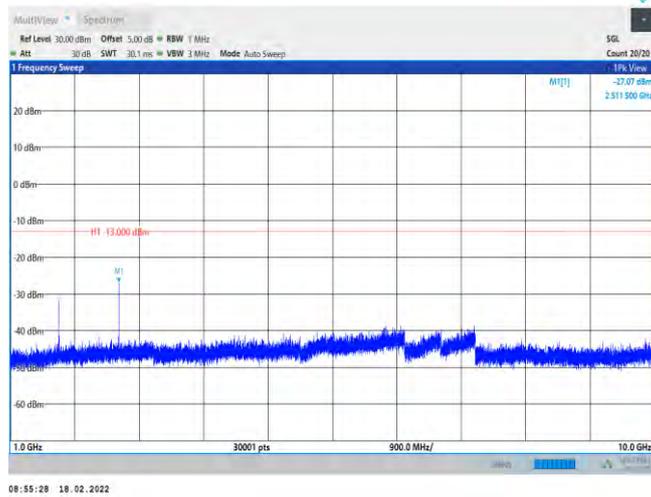
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GSM850-251-3-30~1000MHz



GSM850-251-3-1000~10000MHz

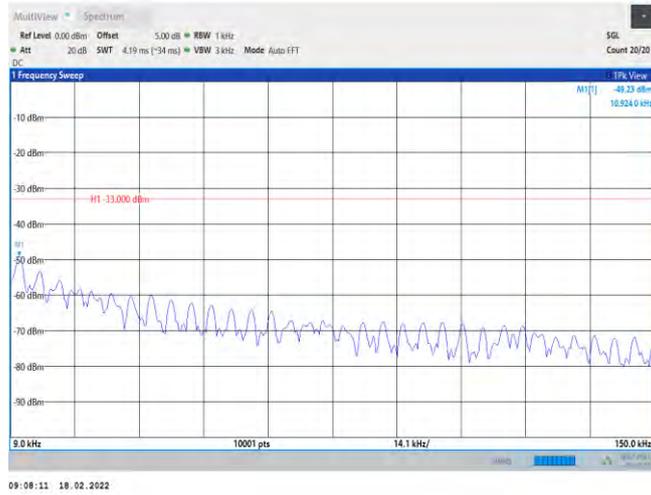


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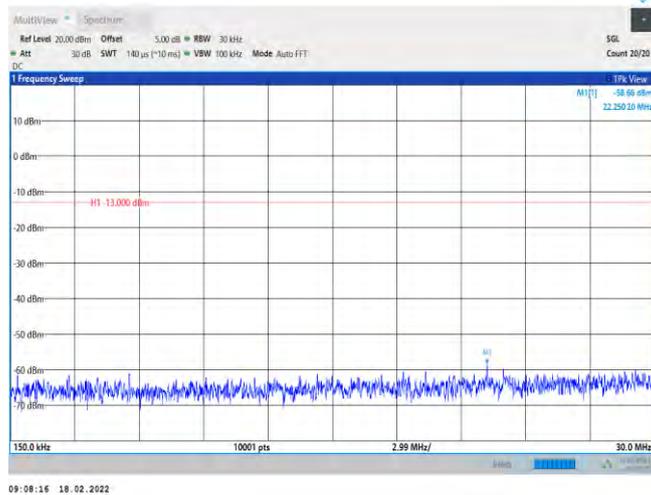
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EGPRS850-128-8-0.009~0.15MHz



EGPRS850-128-8-0.15~30MHz



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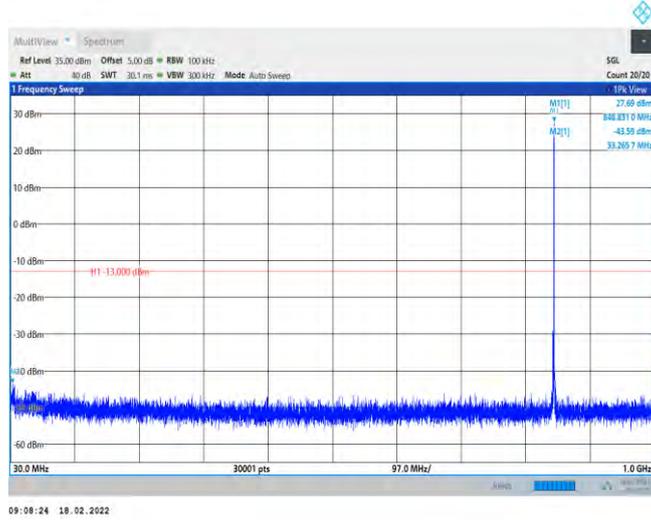
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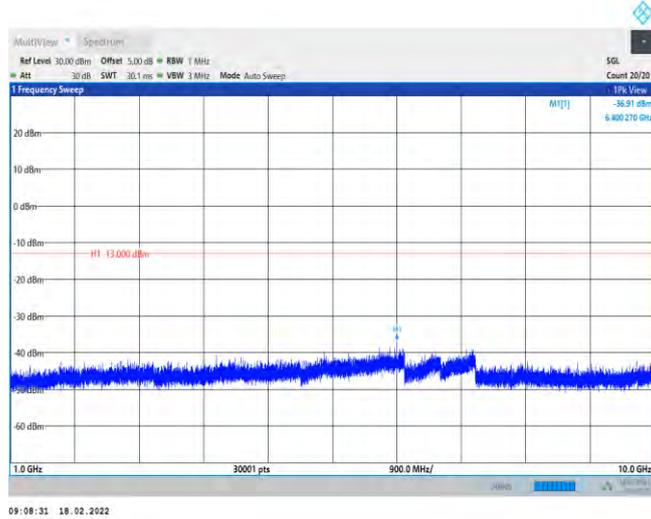
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EGPRS850-128-8-30~1000MHz



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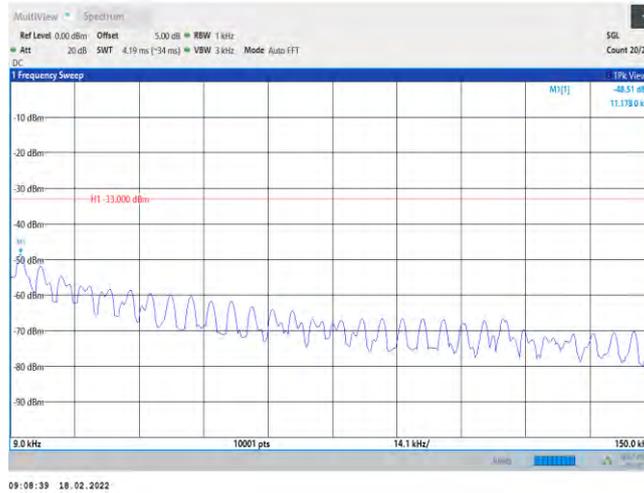


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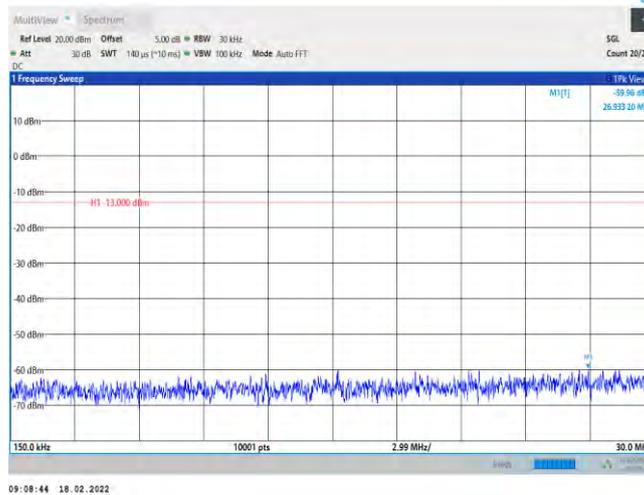
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EGPRS850-190-8-0.009~0.15MHz



EGPRS850-190-8-0.15~30MHz

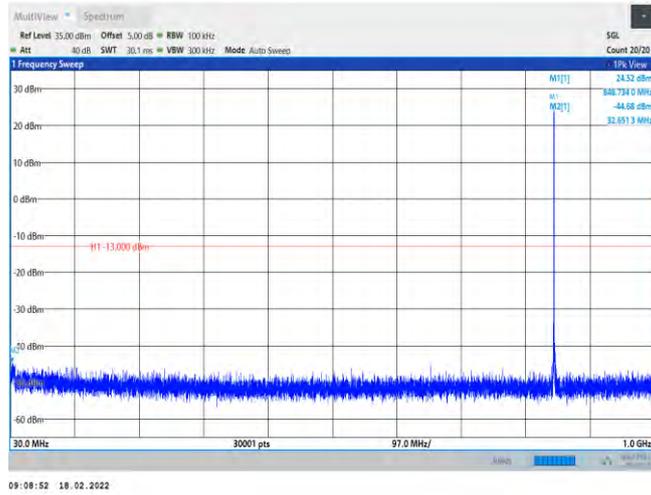


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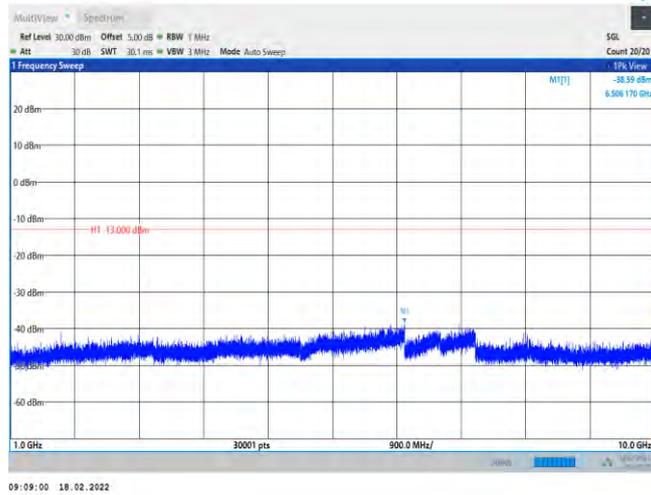
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EGPRS850-190-8-30~1000MHz



EGPRS850-190-8-1000~10000MHz



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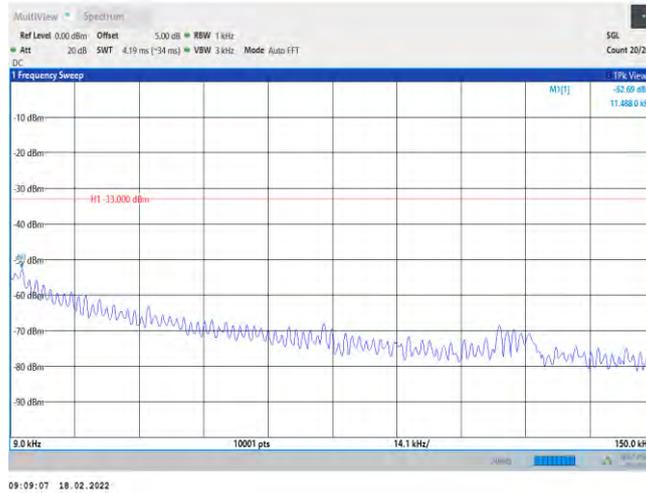
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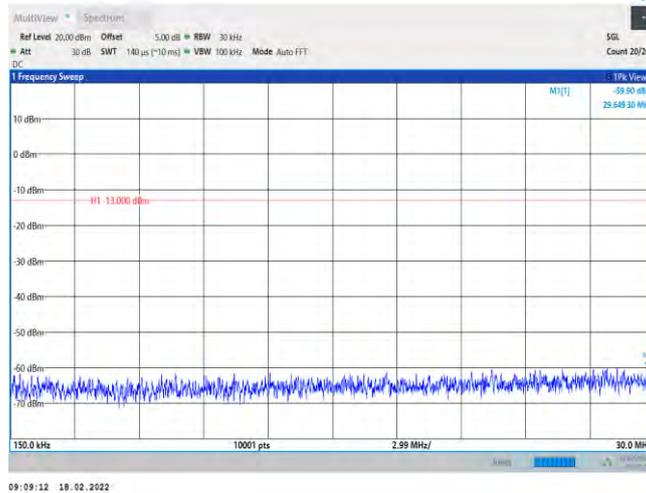
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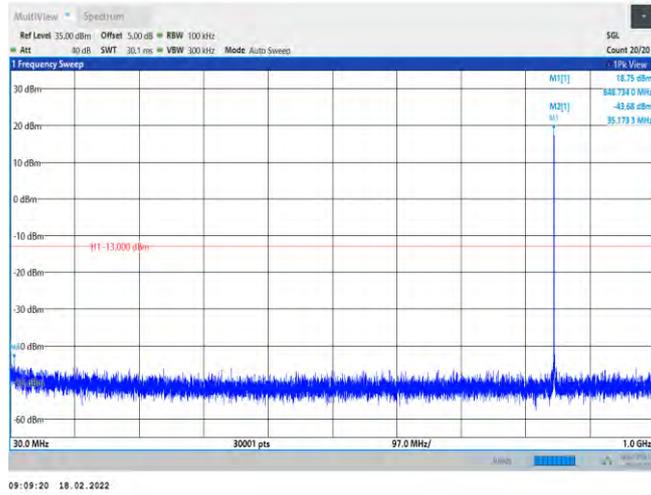


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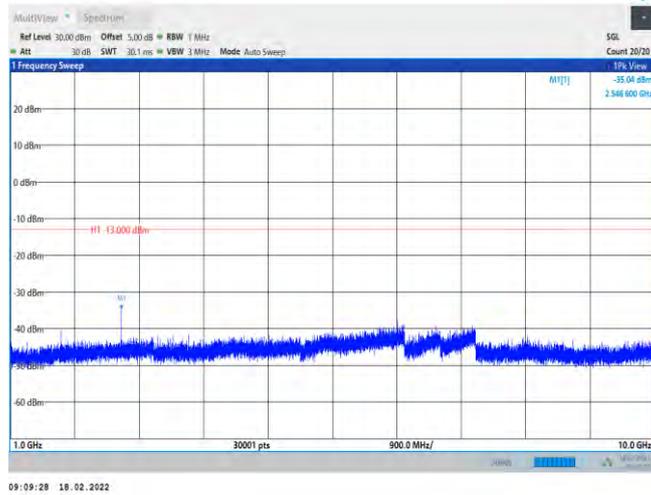
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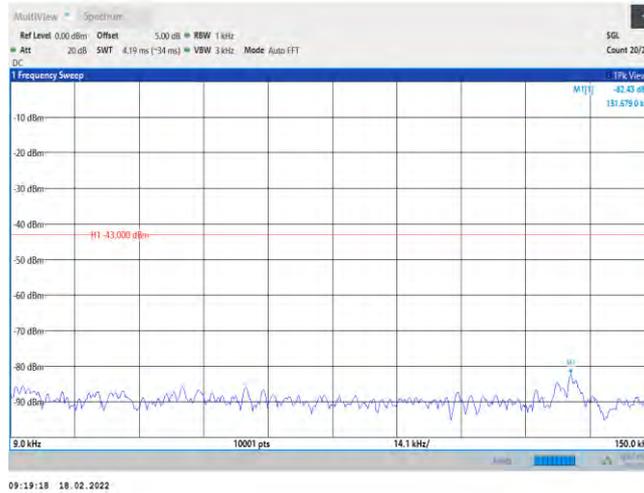


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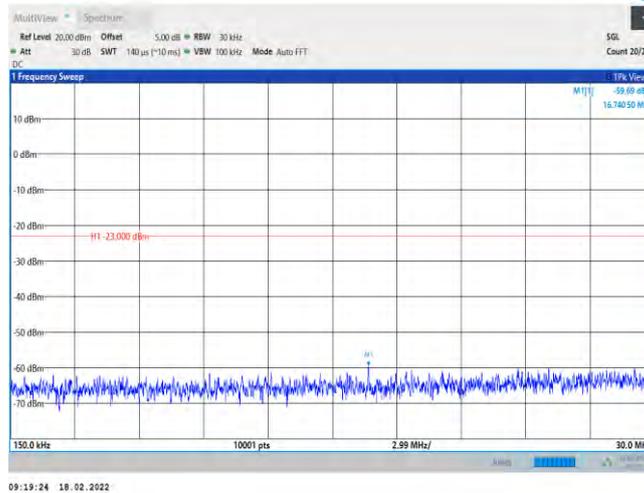
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GSM1900-512-0-0.009~0.15MHz



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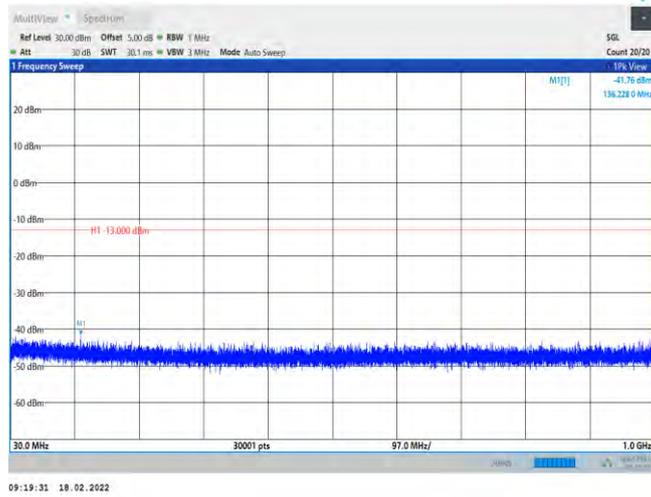


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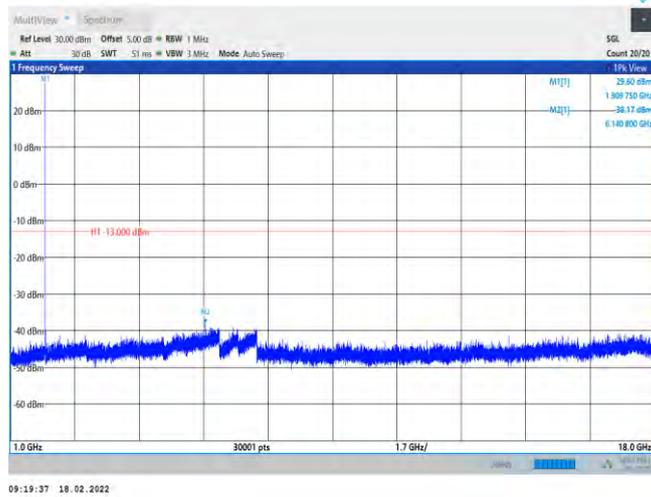
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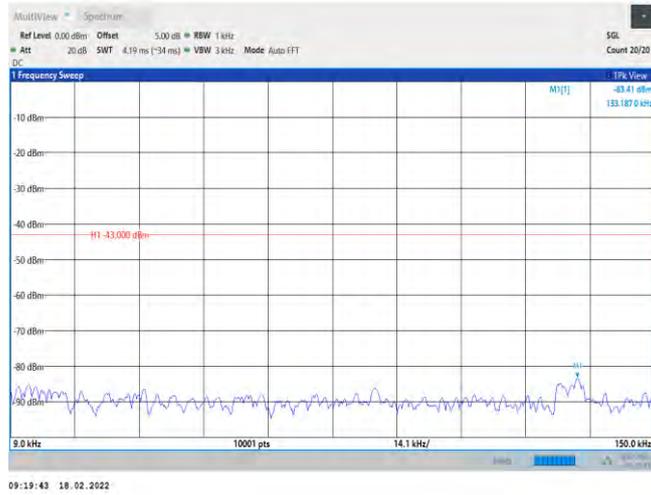


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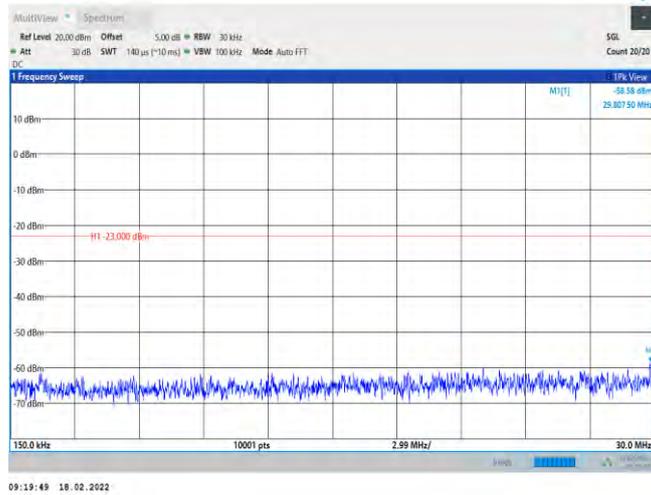
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GSM1900-661-0-0.009~0.15MHz



GSM1900-661-0-0.15~30MHz



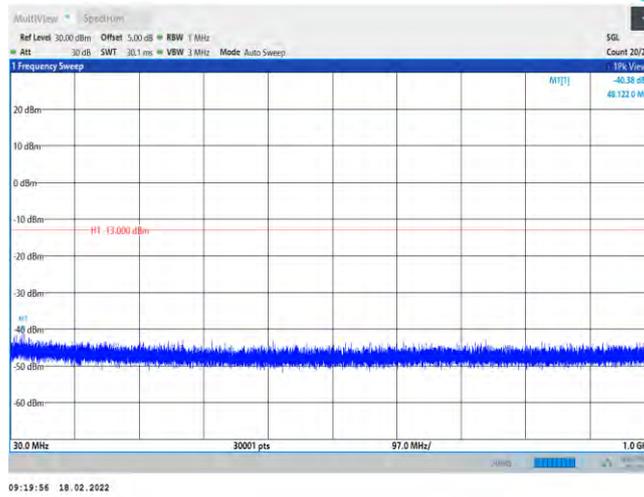
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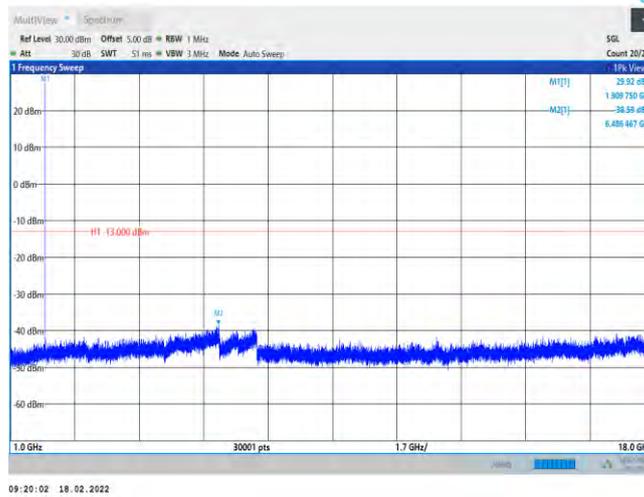
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GSM1900-661-0-30~1000MHz



GSM1900-661-0-1000~18000MHz



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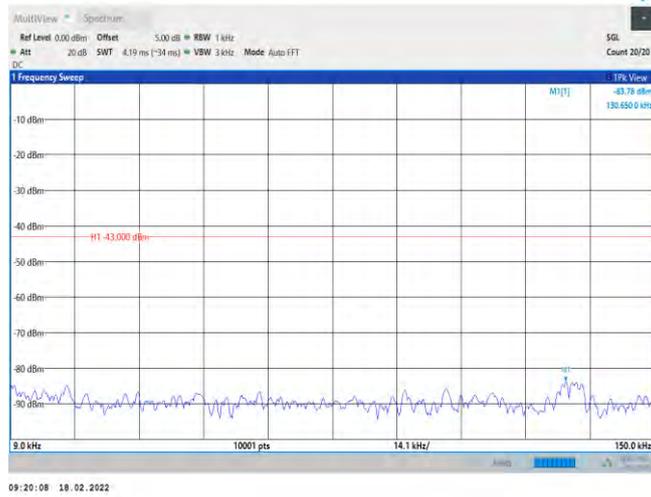
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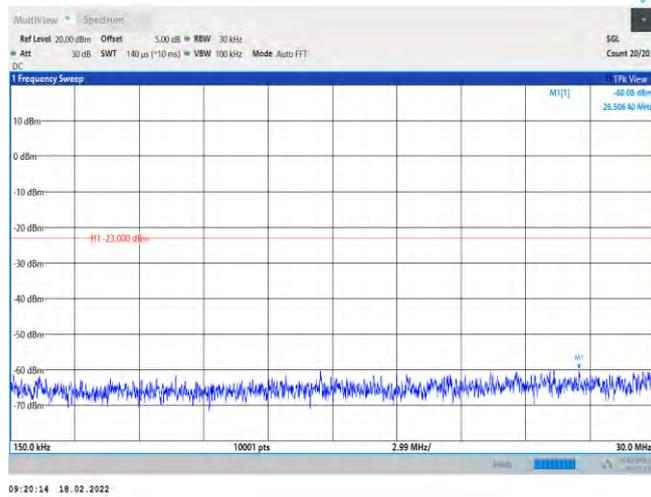
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GSM1900-810-0-0.009~0.15MHz



GSM1900-810-0-0.15~30MHz

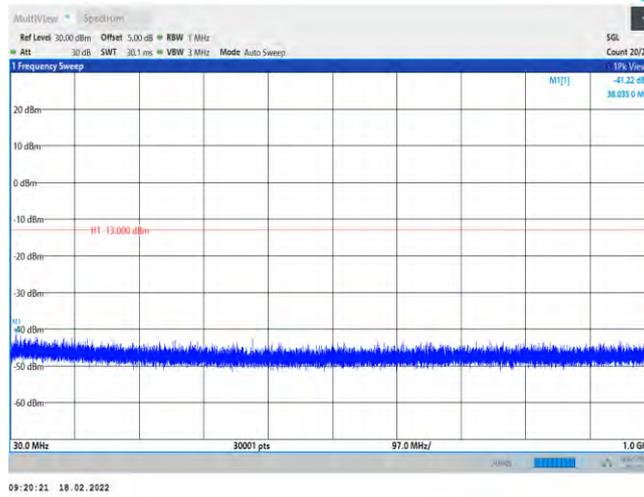


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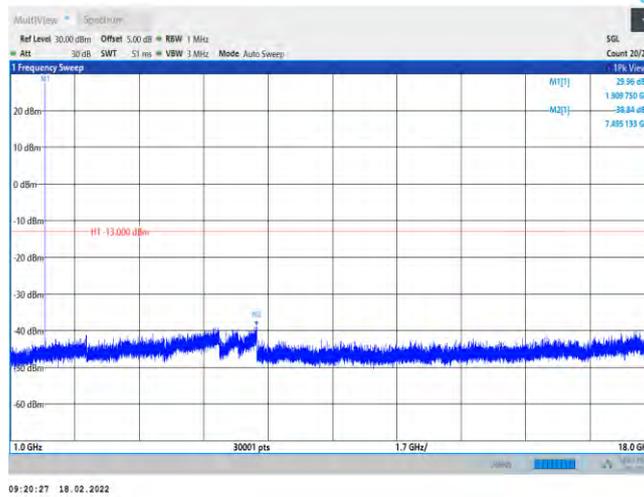
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GSM1900-810-0-30~1000MHz



GSM1900-810-0-1000~18000MHz

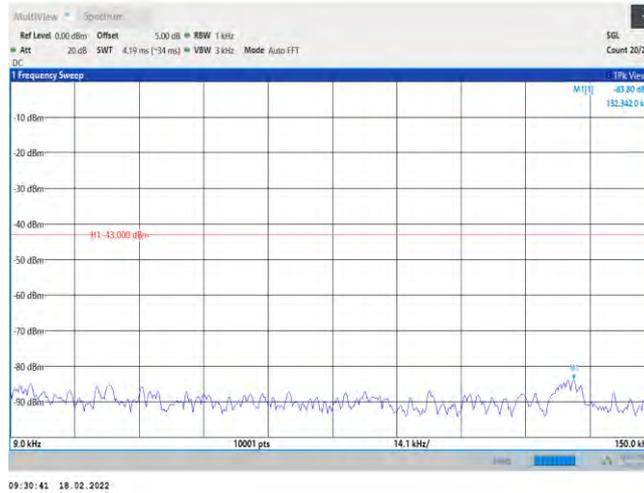


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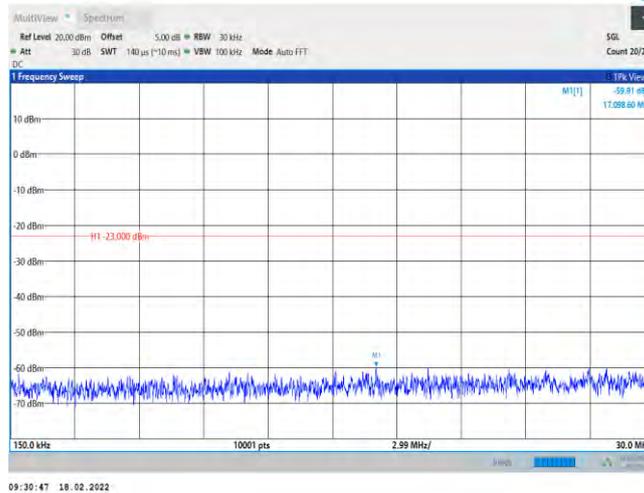
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EGPRS1900-512-2-0.009~0.15MHz



EGPRS1900-512-2-0.15~30MHz

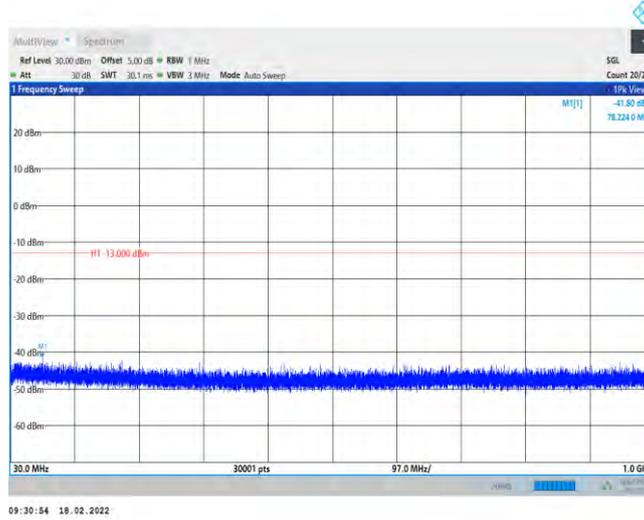


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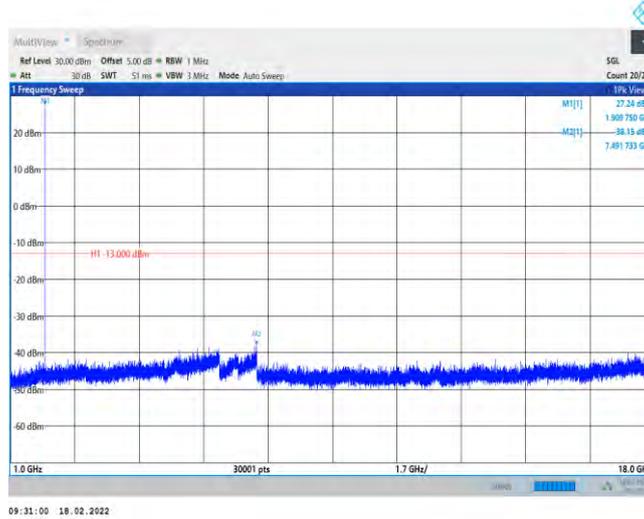
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EGPRS1900-512-2-30~1000MHz



EGPRS1900-512-2-1000~18000MHz

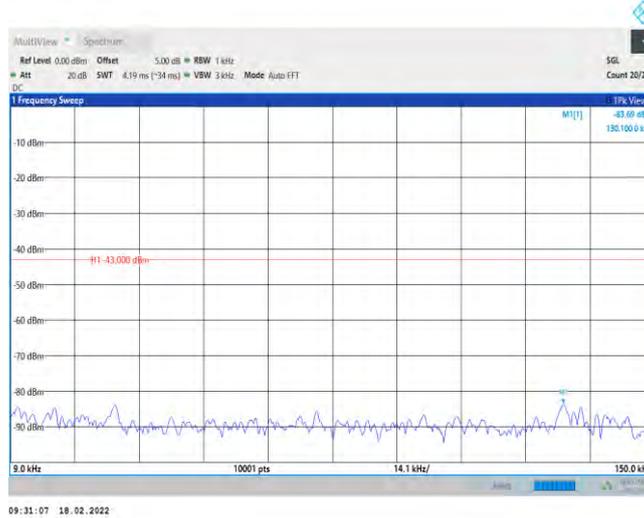


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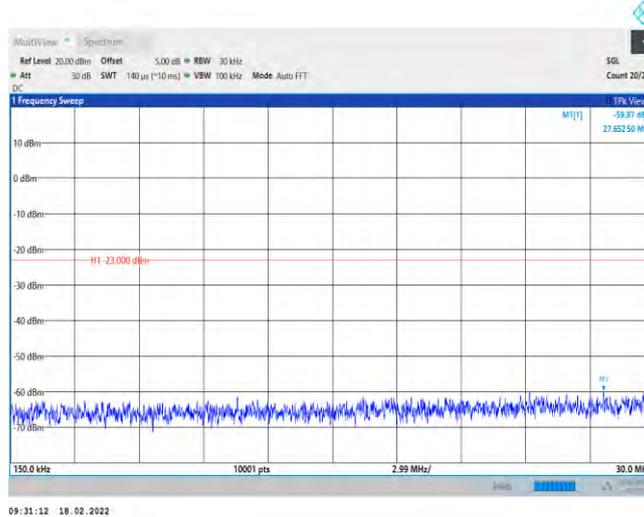
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EGPRS1900-661-2-0.009~0.15MHz



EGPRS1900-661-2-0.15~30MHz



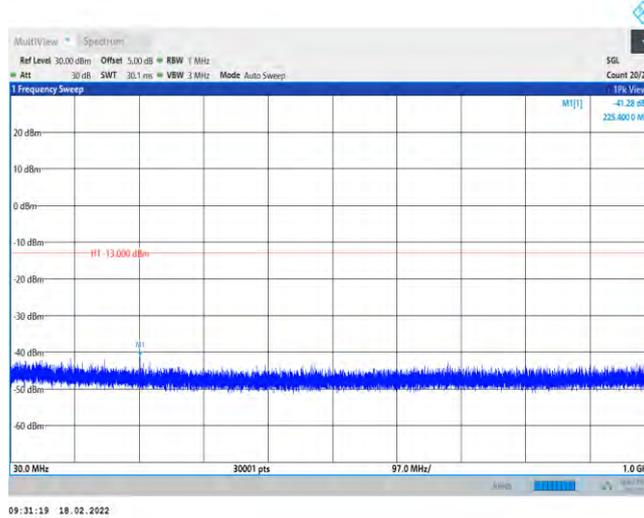
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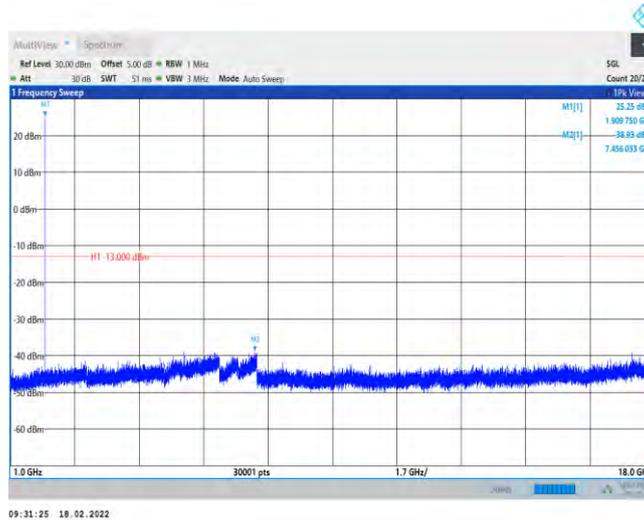
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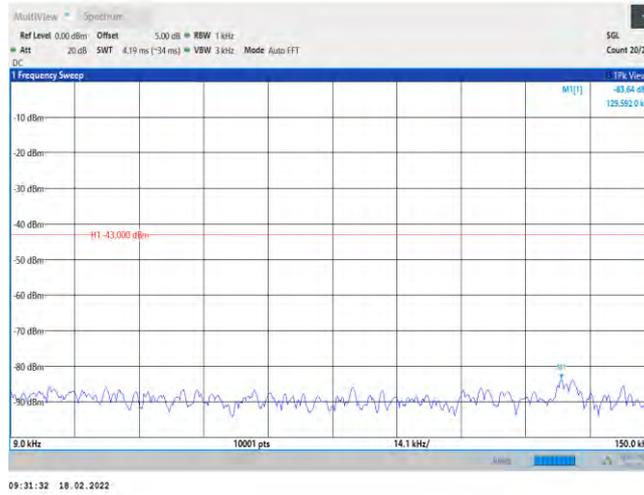
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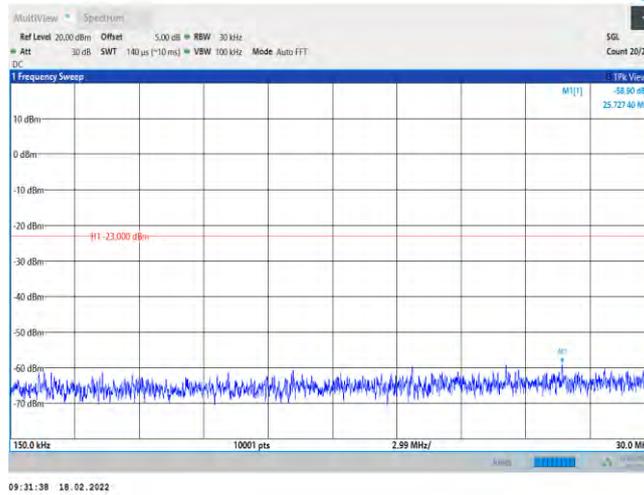
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EGPRS1900-810-2-0.009~0.15MHz



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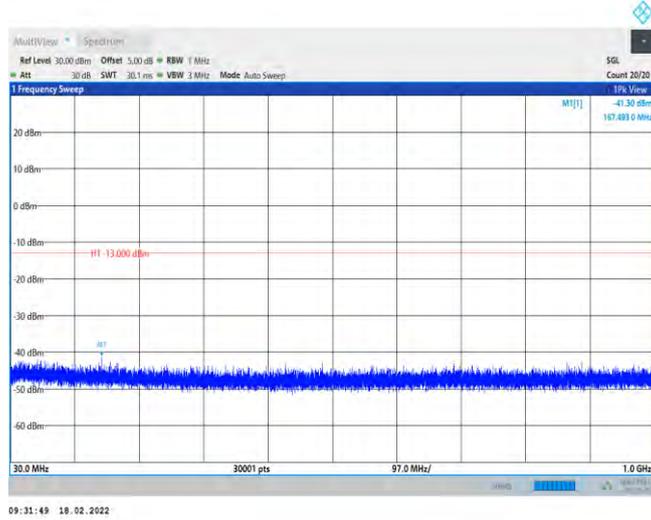
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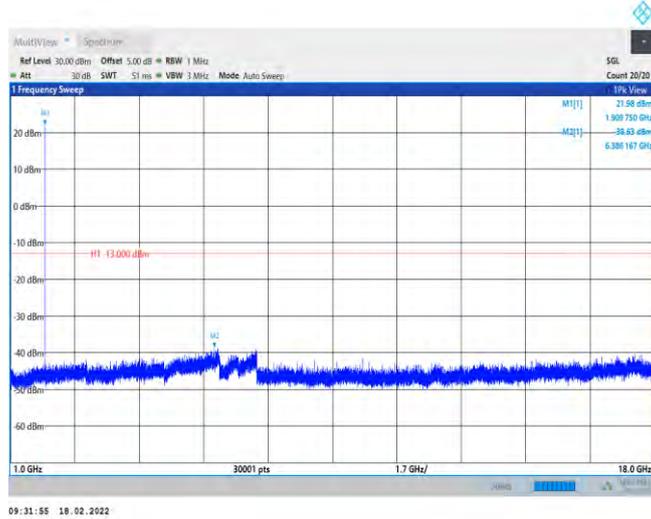
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Field Strength of Spurious Radiation

Test Band = GSM850 ANT 1

Test Channel = Low Channel

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.4	53.47	-118.07	-64.60	-13.00	51.60	169	319	Horizontal
2	2472.6	54.25	-114.37	-60.12	-13.00	47.12	254	120	Horizontal
3	3296.8	50.30	-111.89	-61.59	-13.00	48.59	188	47	Horizontal
4	4121	48.47	-109.81	-61.34	-13.00	48.34	196	17	Horizontal
5	4945.2	50.65	-107.88	-57.23	-13.00	44.23	234	45	Horizontal
6	6386	52.78	-103.06	-50.28	-13.00	37.28	172	28	Horizontal

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.4	53.00	-118.07	-65.07	-13.00	52.07	178	232	Vertical
2	2472.6	55.81	-114.37	-58.56	-13.00	45.56	125	261	Vertical
3	3296.8	51.03	-111.89	-60.86	-13.00	47.86	195	83	Vertical
4	4121	48.03	-109.81	-61.78	-13.00	48.78	144	315	Vertical
5	4945.2	50.60	-107.88	-57.28	-13.00	44.28	221	52	Vertical
6	6324	51.57	-103.31	-51.74	-13.00	38.74	188	360	Vertical



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Test Band =GSM850 ANT 1
Test Channel = Mid Channel

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1672.8	52.76	-118.01	-65.25	-13.00	52.25	123	162	Horizontal
2	2509.2	59.39	-114.12	-54.73	-13.00	41.73	298	245	Horizontal
3	3345.6	49.90	-111.99	-62.09	-13.00	49.09	248	76	Horizontal
4	4182	49.18	-109.53	-60.35	-13.00	47.35	174	15	Horizontal
5	5018.4	49.61	-107.59	-57.98	-13.00	44.98	155	245	Horizontal
6	7156	51.60	-101.24	-49.64	-13.00	36.64	213	286	Horizontal

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1672.8	53.30	-118.01	-64.71	-13.00	51.71	156	135	Vertical
2	2509.2	53.69	-114.12	-60.43	-13.00	47.43	235	198	Vertical
3	3345.6	50.26	-111.99	-61.73	-13.00	48.73	198	261	Vertical
4	4182	49.33	-109.53	-60.20	-13.00	47.20	142	83	Vertical
5	5018.4	49.32	-107.59	-58.27	-13.00	45.27	178	343	Vertical
6	7756	51.21	-99.33	-48.12	-13.00	35.12	125	349	Vertical



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Test Band =GSM850 ANT 1
Test Channel = High Channel

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1697.6	60.88	-117.95	-57.07	-13.00	44.07	126	57	Horizontal
2	2546.4	54.88	-114.18	-59.30	-13.00	46.30	145	88	Horizontal
3	3395.2	50.41	-112.09	-61.68	-13.00	48.68	159	161	Horizontal
4	4244	49.66	-109.38	-59.72	-13.00	46.72	187	235	Horizontal
5	5092.8	50.09	-107.28	-57.19	-13.00	44.19	193	45	Horizontal
6	7120	51.56	-101.41	-49.85	-13.00	36.85	224	225	Horizontal

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1697.6	63.46	-117.95	-54.49	-13.00	41.49	198	20	Vertical
2	2546.4	55.95	-114.18	-58.23	-13.00	45.23	247	83	Vertical
3	3395.2	50.71	-112.09	-61.38	-13.00	48.38	222	62	Vertical
4	4244	49.44	-109.38	-59.94	-13.00	46.94	205	304	Vertical
5	5092.8	49.93	-107.28	-57.35	-13.00	44.35	146	148	Vertical
6	6618	51.87	-102.77	-50.90	-13.00	37.90	188	360	Vertical



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Test Band =GSM1900 ANT 2
Test Channel = Low Channel

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3700.4	48.09	-111.08	-62.99	-13.00	49.99	265	296	Horizontal
2	5550.6	49.17	-106.37	-57.20	-13.00	44.20	142	344	Horizontal
3	7400.8	46.47	-100.80	-54.33	-13.00	41.33	239	353	Horizontal
4	9251	46.30	-95.08	-48.78	-13.00	35.78	287	296	Horizontal
5	11101.2	42.87	-91.14	-48.27	-13.00	35.27	145	230	Horizontal
6	13620.75	44.97	-90.11	-45.14	-13.00	32.14	195	3	Horizontal

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3700.4	46.74	-111.08	-64.34	-13.00	51.34	198	34	Vertical
2	5550.6	48.51	-106.37	-57.86	-13.00	44.86	254	184	Vertical
3	7400.8	45.97	-100.80	-54.83	-13.00	41.83	145	167	Vertical
4	9251	44.45	-95.08	-50.63	-13.00	37.63	236	150	Vertical
5	11101.2	41.78	-91.14	-49.36	-13.00	36.36	225	3	Vertical
6	15201.75	43.69	-88.83	-45.14	-13.00	32.14	120	234	Vertical



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Test Band =GSM1900 ANT 2
Test Channel = Mid Channel

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760	47.49	-110.77	-63.28	-13.00	50.28	221	59	Horizontal
2	5640	48.37	-106.02	-57.65	-13.00	44.65	236	16	Horizontal
3	7520	47.71	-100.25	-52.54	-13.00	39.54	201	65	Horizontal
4	9400	44.54	-94.86	-50.32	-13.00	37.32	178	359	Horizontal
5	11280	42.61	-91.22	-48.61	-13.00	35.61	191	50	Horizontal
6	13692	44.86	-90.24	-45.38	-13.00	32.38	172	353	Horizontal

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760	47.74	-110.77	-63.03	-13.00	50.03	159	198	Vertical
2	5640	49.55	-106.02	-56.47	-13.00	43.47	229	3	Vertical
3	7520	47.32	-100.25	-52.93	-13.00	39.93	142	246	Vertical
4	9400	46.29	-94.86	-48.57	-13.00	35.57	158	26	Vertical
5	11280	42.26	-91.22	-48.96	-13.00	35.96	170	280	Vertical
6	13662	45.01	-90.19	-45.18	-13.00	32.18	231	360	Vertical



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Test Band =GSM1900 ANT 2
Test Channel = High Channel

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3819.6	48.32	-110.53	-62.21	-13.00	49.21	324	3	Horizontal
2	5729.4	47.82	-105.58	-57.76	-13.00	44.76	235	359	Horizontal
3	7639.2	48.24	-99.77	-51.53	-13.00	38.53	152	182	Horizontal
4	9549	42.86	-94.84	-51.98	-13.00	38.98	239	279	Horizontal
5	11458.8	40.13	-91.38	-51.25	-13.00	38.25	157	50	Horizontal
6	13620	45.28	-90.11	-44.83	-13.00	31.83	209	215	Horizontal

Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3819.6	48.29	-110.53	-62.24	-13.00	49.24	215	82	Vertical
2	5729.4	48.84	-105.58	-56.74	-13.00	43.74	162	248	Vertical
3	7639.2	48.58	-99.77	-51.19	-13.00	38.19	144	360	Vertical
4	9549	42.74	-94.84	-52.10	-13.00	39.10	198	315	Vertical
5	11458.8	42.83	-91.38	-48.55	-13.00	35.55	172	359	Vertical
6	13125.75	44.99	-90.14	-45.15	-13.00	32.15	222	65	Vertical

Remark: all the antenna were tested, but only showed the worst case in this report.



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Frequency Stability

Test Result

Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	NT	30.22	0.036666	±2.5	PASS
GSM850	128	VN	NT	24.25	0.029422	±2.5	PASS
GSM850	128	VH	NT	10.20	0.012376	±2.5	PASS
GSM850	190	VL	NT	25.63	0.030636	±2.5	PASS
GSM850	190	VN	NT	23.31	0.027863	±2.5	PASS
GSM850	190	VH	NT	5.71	0.006825	±2.5	PASS
GSM850	251	VL	NT	27.12	0.031951	±2.5	PASS
GSM850	251	VN	NT	4.23	0.004984	±2.5	PASS
GSM850	251	VH	NT	8.81	0.010379	±2.5	PASS
EGPRS850	128	VL	NT	34.64	0.042029	±2.5	PASS
EGPRS850	128	VN	NT	34.19	0.041483	±2.5	PASS
EGPRS850	128	VH	NT	33.55	0.040706	±2.5	PASS
EGPRS850	190	VL	NT	33.93	0.040557	±2.5	PASS
EGPRS850	190	VN	NT	33.71	0.040294	±2.5	PASS
EGPRS850	190	VH	NT	34.90	0.041716	±2.5	PASS
EGPRS850	251	VL	NT	37.03	0.043626	±2.5	PASS
EGPRS850	251	VN	NT	34.77	0.040964	±2.5	PASS
EGPRS850	251	VH	NT	33.71	0.039715	±2.5	PASS



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Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
GSM1900	512	VL	NT	31.80	0.017187	PASS
GSM1900	512	VN	NT	35.06	0.018949	PASS
GSM1900	512	VH	NT	-0.61	-0.000330	PASS
GSM1900	661	VL	NT	-10.30	-0.005479	PASS
GSM1900	661	VN	NT	20.08	0.010681	PASS
GSM1900	661	VH	NT	29.77	0.015835	PASS
GSM1900	810	VL	NT	-7.14	-0.003739	PASS
GSM1900	810	VN	NT	38.29	0.020049	PASS
GSM1900	810	VH	NT	35.48	0.018578	PASS
EGPRS1900	512	VL	NT	25.28	0.013663	PASS
EGPRS1900	512	VN	NT	26.12	0.014117	PASS
EGPRS1900	512	VH	NT	25.76	0.013923	PASS
EGPRS1900	661	VL	NT	27.25	0.014495	PASS
EGPRS1900	661	VN	NT	26.54	0.014117	PASS
EGPRS1900	661	VH	NT	26.02	0.013840	PASS
EGPRS1900	810	VL	NT	25.22	0.013206	PASS
EGPRS1900	810	VN	NT	26.80	0.014033	PASS
EGPRS1900	810	VH	NT	23.70	0.012410	PASS



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Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	NV	-30	32.64	0.039602	±2.5	PASS
GSM850	128	NV	-20	12.62	0.015312	±2.5	PASS
GSM850	128	NV	-10	11.88	0.014414	±2.5	PASS
GSM850	128	NV	0	23.83	0.028913	±2.5	PASS
GSM850	128	NV	10	19.69	0.023890	±2.5	PASS
GSM850	128	NV	20	14.95	0.018139	±2.5	PASS
GSM850	128	NV	30	28.15	0.034154	±2.5	PASS
GSM850	128	NV	40	25.28	0.030672	±2.5	PASS
GSM850	128	NV	50	9.40	0.011405	±2.5	PASS
GSM850	190	NV	-30	29.09	0.034772	±2.5	PASS
GSM850	190	NV	-20	11.11	0.013280	±2.5	PASS
GSM850	190	NV	-10	31.64	0.037820	±2.5	PASS
GSM850	190	NV	0	25.12	0.030026	±2.5	PASS
GSM850	190	NV	10	12.91	0.015432	±2.5	PASS
GSM850	190	NV	20	5.71	0.006825	±2.5	PASS
GSM850	190	NV	30	26.86	0.032106	±2.5	PASS
GSM850	190	NV	40	10.04	0.012001	±2.5	PASS
GSM850	190	NV	50	29.86	0.035692	±2.5	PASS
GSM850	251	NV	-30	26.28	0.030961	±2.5	PASS
GSM850	251	NV	-20	30.06	0.035415	±2.5	PASS
GSM850	251	NV	-10	27.64	0.032564	±2.5	PASS
GSM850	251	NV	0	4.29	0.005054	±2.5	PASS
GSM850	251	NV	10	30.99	0.036510	±2.5	PASS
GSM850	251	NV	20	9.69	0.011416	±2.5	PASS
GSM850	251	NV	30	30.32	0.035721	±2.5	PASS
GSM850	251	NV	40	12.11	0.014267	±2.5	PASS
GSM850	251	NV	50	30.06	0.035415	±2.5	PASS
EGPRS850	128	NV	-30	33.09	0.040148	±2.5	PASS
EGPRS850	128	NV	-20	33.84	0.041058	±2.5	PASS
EGPRS850	128	NV	-10	34.64	0.042029	±2.5	PASS
EGPRS850	128	NV	0	34.74	0.042150	±2.5	PASS
EGPRS850	128	NV	10	35.68	0.043290	±2.5	PASS
EGPRS850	128	NV	20	33.67	0.040852	±2.5	PASS



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EGPRS850	128	NV	30	34.16	0.041446	±2.5	PASS
EGPRS850	128	NV	40	35.51	0.043084	±2.5	PASS
EGPRS850	128	NV	50	35.26	0.042781	±2.5	PASS
EGPRS850	190	NV	-30	33.80	0.040402	±2.5	PASS
EGPRS850	190	NV	-20	35.29	0.042183	±2.5	PASS
EGPRS850	190	NV	-10	33.71	0.040294	±2.5	PASS
EGPRS850	190	NV	0	34.58	0.041334	±2.5	PASS
EGPRS850	190	NV	10	34.48	0.041214	±2.5	PASS
EGPRS850	190	NV	20	33.48	0.040019	±2.5	PASS
EGPRS850	190	NV	30	35.26	0.042147	±2.5	PASS
EGPRS850	190	NV	40	36.77	0.043952	±2.5	PASS
EGPRS850	190	NV	50	34.74	0.041525	±2.5	PASS
EGPRS850	251	NV	-30	35.87	0.042260	±2.5	PASS
EGPRS850	251	NV	-20	36.00	0.042413	±2.5	PASS
EGPRS850	251	NV	-10	34.38	0.040504	±2.5	PASS
EGPRS850	251	NV	0	35.64	0.041989	±2.5	PASS
EGPRS850	251	NV	10	35.61	0.041953	±2.5	PASS
EGPRS850	251	NV	20	36.77	0.043320	±2.5	PASS
EGPRS850	251	NV	30	36.45	0.042943	±2.5	PASS
EGPRS850	251	NV	40	37.48	0.044156	±2.5	PASS
EGPRS850	251	NV	50	37.19	0.043815	±2.5	PASS



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Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
GSM1900	512	NV	-30	30.15	0.016296	PASS
GSM1900	512	NV	-20	17.50	0.009458	PASS
GSM1900	512	NV	-10	-17.69	-0.009561	PASS
GSM1900	512	NV	0	-19.21	-0.010383	PASS
GSM1900	512	NV	10	18.73	0.010123	PASS
GSM1900	512	NV	20	4.39	0.002373	PASS
GSM1900	512	NV	30	-0.77	-0.000416	PASS
GSM1900	512	NV	40	3.91	0.002113	PASS
GSM1900	512	NV	50	-2.78	-0.001503	PASS
GSM1900	661	NV	-30	22.63	0.012037	PASS
GSM1900	661	NV	-20	33.16	0.017638	PASS
GSM1900	661	NV	-10	-20.95	-0.011144	PASS
GSM1900	661	NV	0	35.71	0.018995	PASS
GSM1900	661	NV	10	2.91	0.001548	PASS
GSM1900	661	NV	20	38.16	0.020298	PASS
GSM1900	661	NV	30	-11.11	-0.005910	PASS
GSM1900	661	NV	40	36.52	0.019426	PASS
GSM1900	661	NV	50	17.56	0.009340	PASS
GSM1900	810	NV	-30	36.58	0.019154	PASS
GSM1900	810	NV	-20	5.59	0.002927	PASS
GSM1900	810	NV	-10	39.16	0.020505	PASS
GSM1900	810	NV	0	16.92	0.008860	PASS
GSM1900	810	NV	10	12.01	0.006289	PASS
GSM1900	810	NV	20	42.46	0.022233	PASS
GSM1900	810	NV	30	-19.73	-0.010331	PASS
GSM1900	810	NV	40	14.79	0.007744	PASS
GSM1900	810	NV	50	43.00	0.022515	PASS
EGPRS1900	512	NV	-30	26.05	0.014080	PASS
EGPRS1900	512	NV	-20	24.12	0.013036	PASS
EGPRS1900	512	NV	-10	27.25	0.014728	PASS
EGPRS1900	512	NV	0	26.31	0.014220	PASS
EGPRS1900	512	NV	10	26.18	0.014150	PASS
EGPRS1900	512	NV	20	28.09	0.015182	PASS
EGPRS1900	512	NV	30	29.86	0.016139	PASS



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EGPRS1900	512	NV	40	30.57	0.016523	PASS
EGPRS1900	512	NV	50	24.57	0.013280	PASS
EGPRS1900	661	NV	-30	26.73	0.014218	PASS
EGPRS1900	661	NV	-20	27.18	0.014457	PASS
EGPRS1900	661	NV	-10	26.38	0.014032	PASS
EGPRS1900	661	NV	0	19.69	0.010473	PASS
EGPRS1900	661	NV	10	24.76	0.013170	PASS
EGPRS1900	661	NV	20	24.12	0.012830	PASS
EGPRS1900	661	NV	30	24.41	0.012984	PASS
EGPRS1900	661	NV	40	25.70	0.013670	PASS
EGPRS1900	661	NV	50	25.73	0.013686	PASS
EGPRS1900	810	NV	-30	22.92	0.012001	PASS
EGPRS1900	810	NV	-20	23.83	0.012478	PASS
EGPRS1900	810	NV	-10	27.12	0.014200	PASS
EGPRS1900	810	NV	0	27.38	0.014337	PASS
EGPRS1900	810	NV	10	25.05	0.013117	PASS
EGPRS1900	810	NV	20	27.96	0.014640	PASS
EGPRS1900	810	NV	30	24.47	0.012813	PASS
EGPRS1900	810	NV	40	24.60	0.012881	PASS
EGPRS1900	810	NV	50	22.34	0.011698	PASS

The End



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