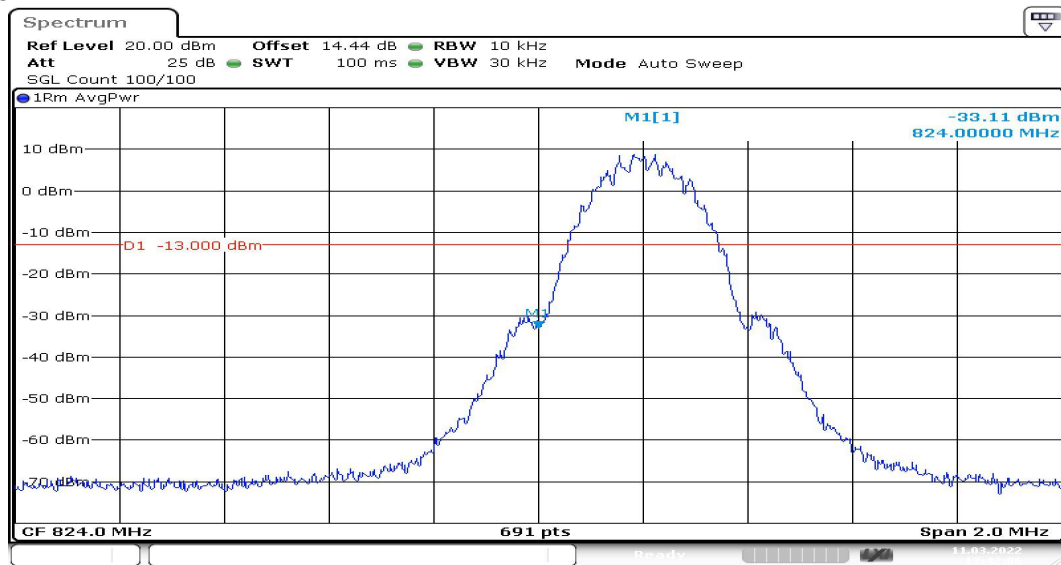
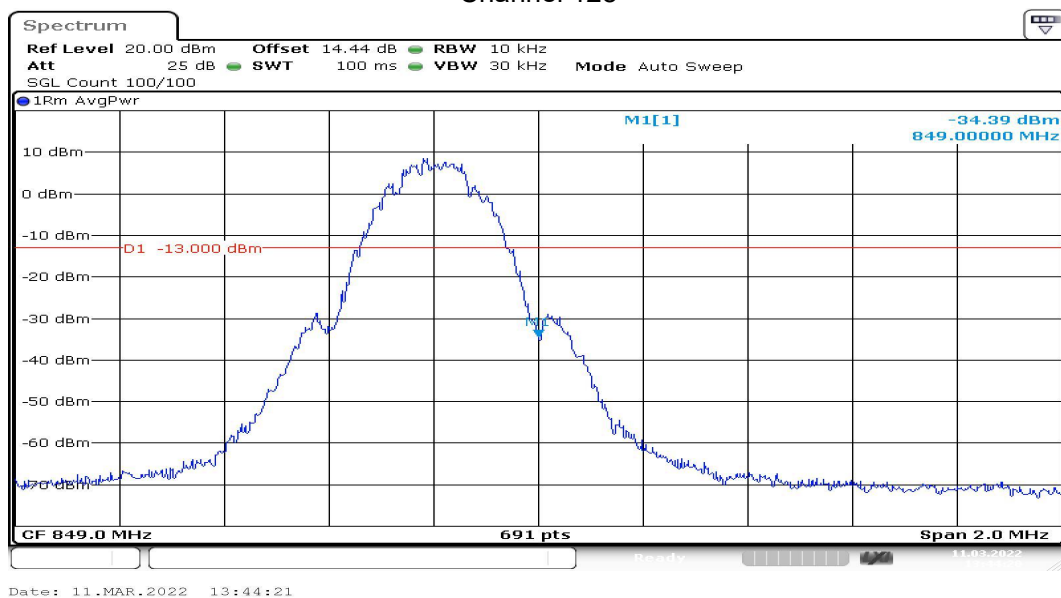


GPRS MODE:

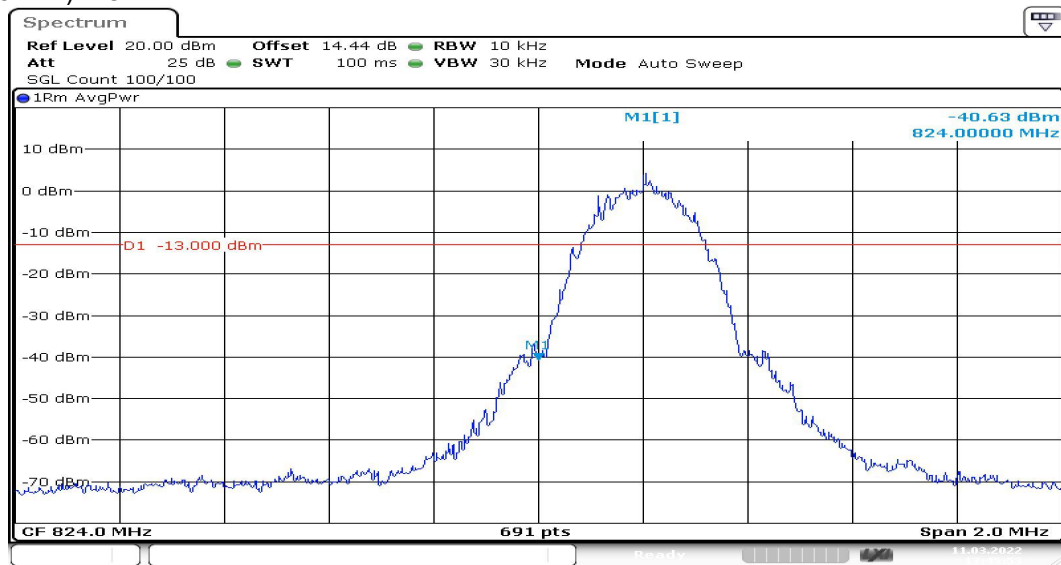


Channel 128

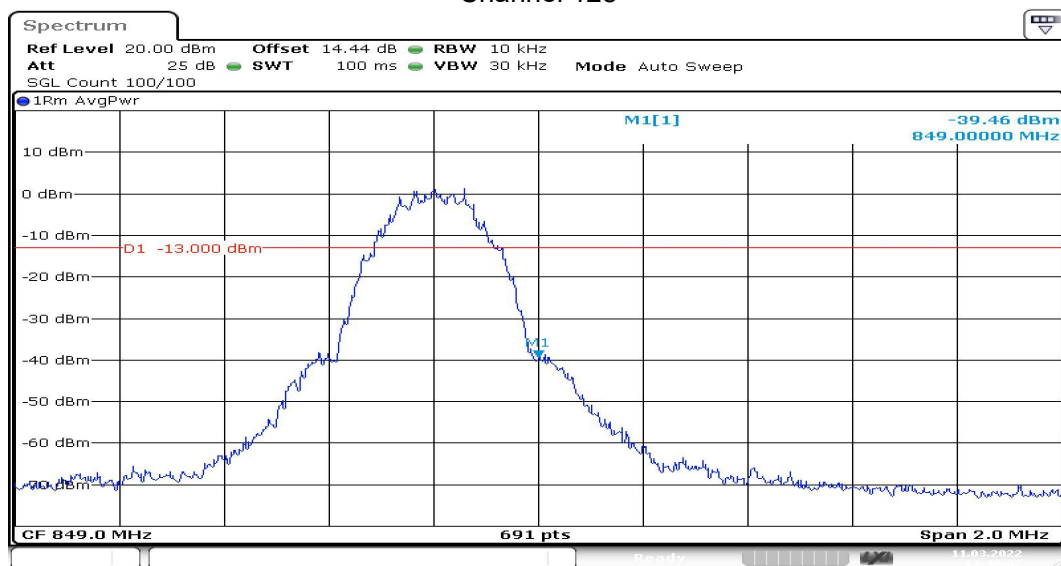


Channel 251

EGPRS (8PSK) MODE:



Channel 128



Channel 251

6. Frequency Stability

GSM850

GSM MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 190	Channel 251
-10	-0.003	0.012	0.006
-0	-0.002	0.009	-0.002
+10	0.002	0.007	-0.001
+30	-0.003	-0.002	-0.002
+40	0.002	0.006	0.002
+50	-0.001	0.002	0.000
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 190	Channel 251
LV	0.002	0.014	0.004
HV	-0.001	0.002	-0.002

GPRS MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 190	Channel 251
-10	0.016	0.014	0.000
-0	0.015	0.004	0.002
+10	0.001	0.003	-0.001
+30	0.019	0.012	0.003
+40	0.012	0.008	0.001
+50	0.004	0.001	-0.003
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 190	Channel 251
LV	0.006	0.011	0.010
HV	0.004	0.003	-0.003

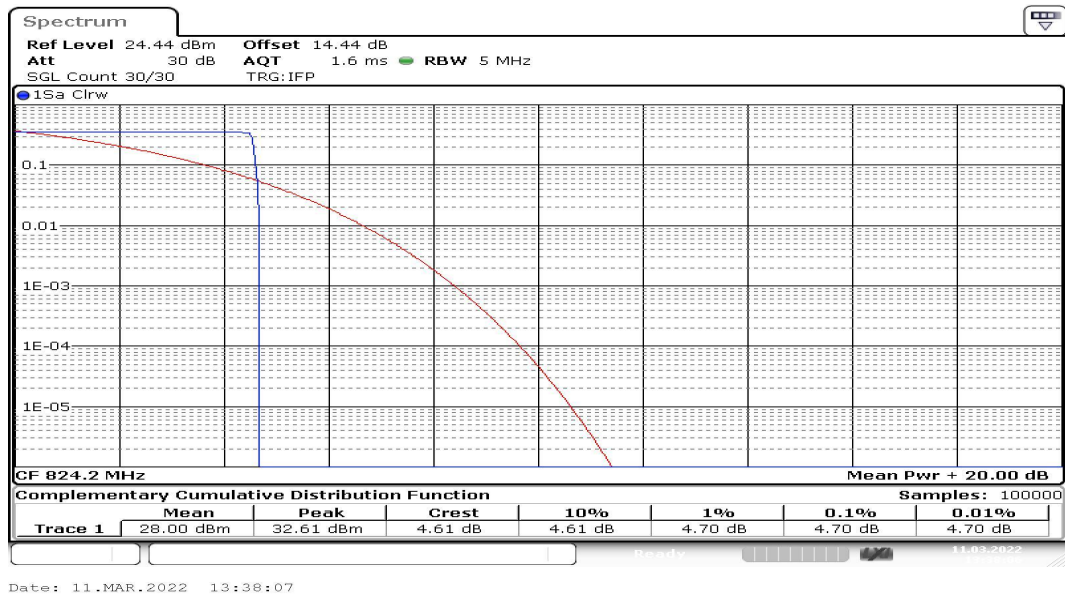
EGPRS (8PSK) MODE:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 128	Channel 190	Channel 251
-10	0.011	0.005	0.004
-0	0.012	0.007	-0.002
+10	-0.001	0.004	-0.003
+30	0.008	0.012	0.010
+40	0.016	0.007	-0.001
+50	0.008	0.002	0.001
Voltage	Test Result (ppm)@NT		
	Channel 128	Channel 190	Channel 251
LV	-0.004	0.015	0.013
HV	-0.001	0.005	-0.001

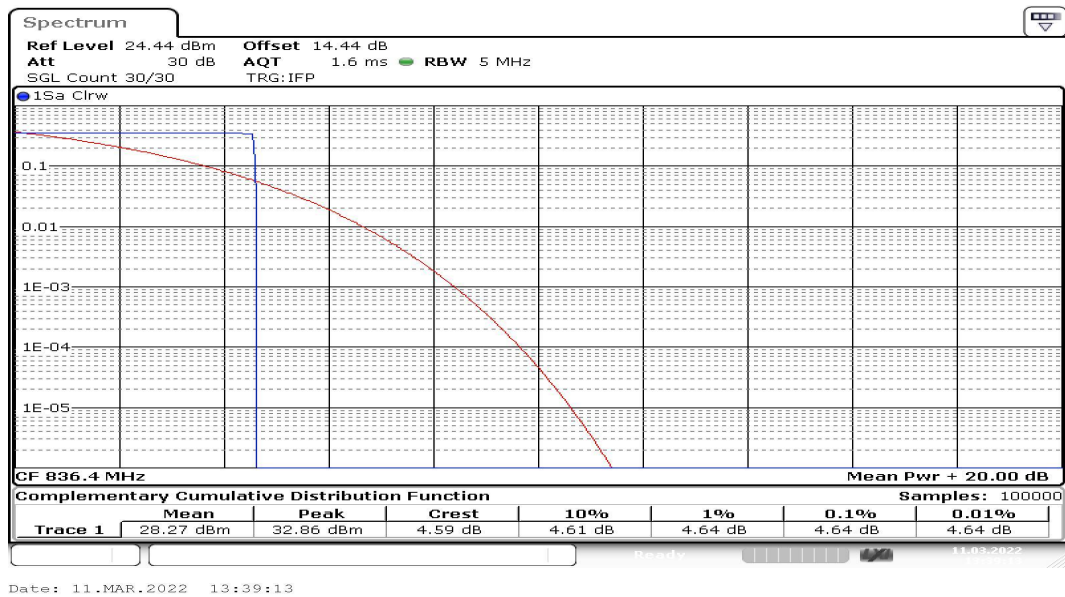
7. Peak-Average Ratio

GSM850

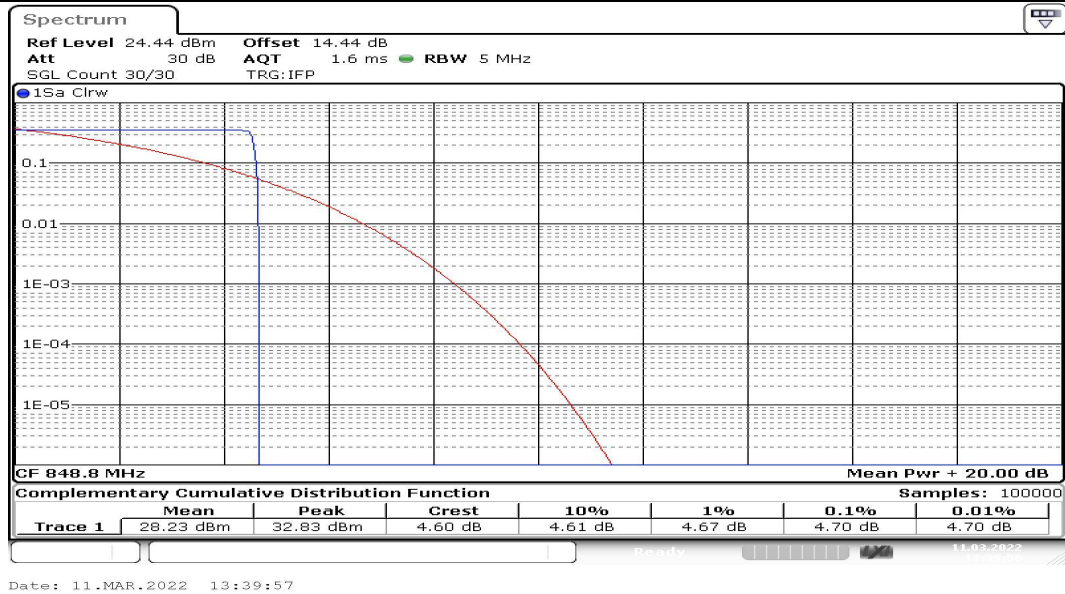
GSM MODE:



Channel 128

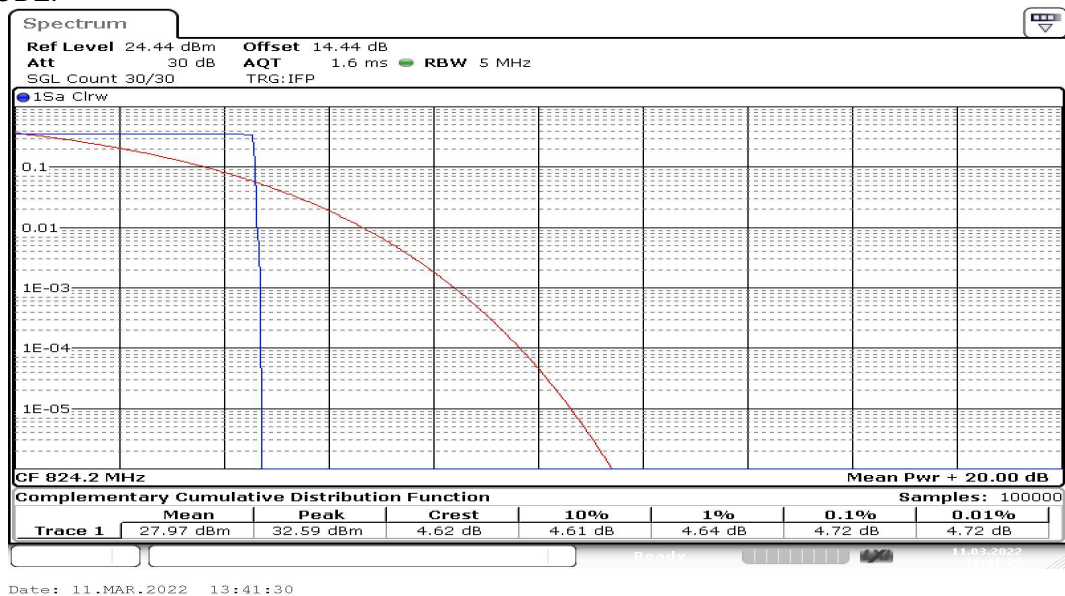


Channel 189

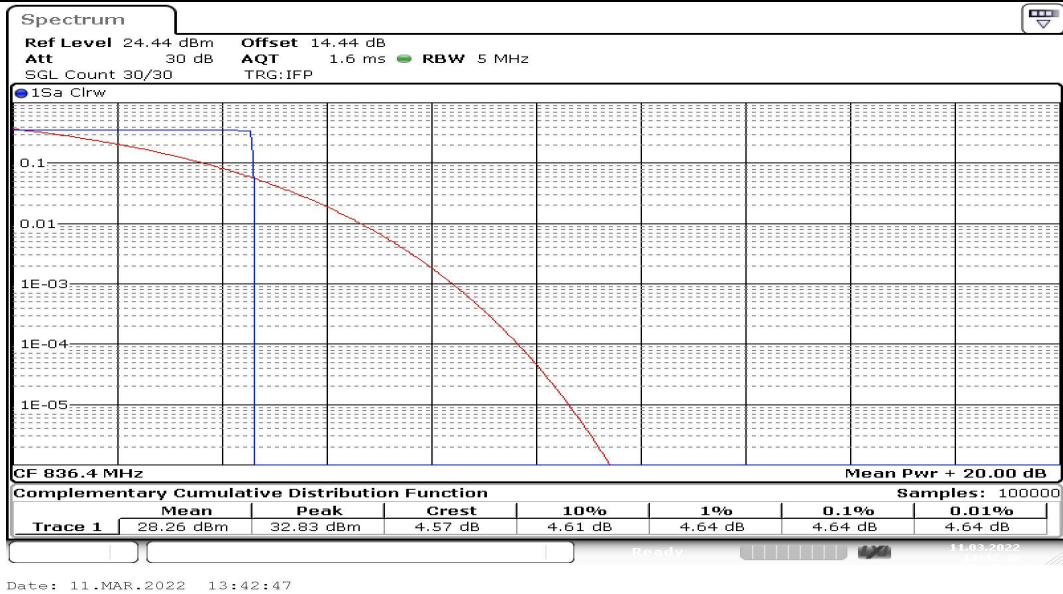


Channel 251

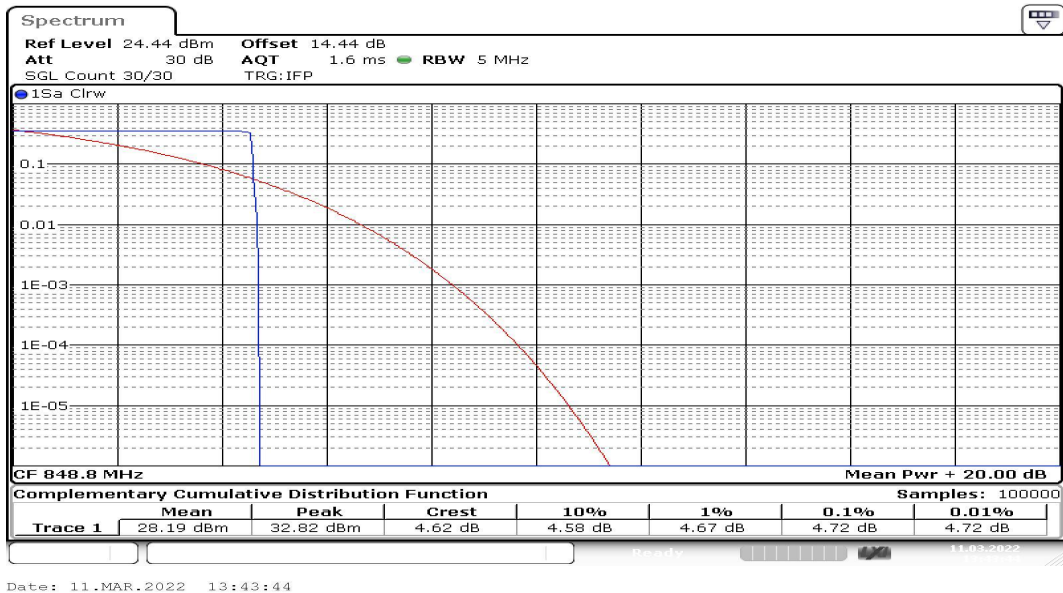
GPRS MODE:



Channel 128

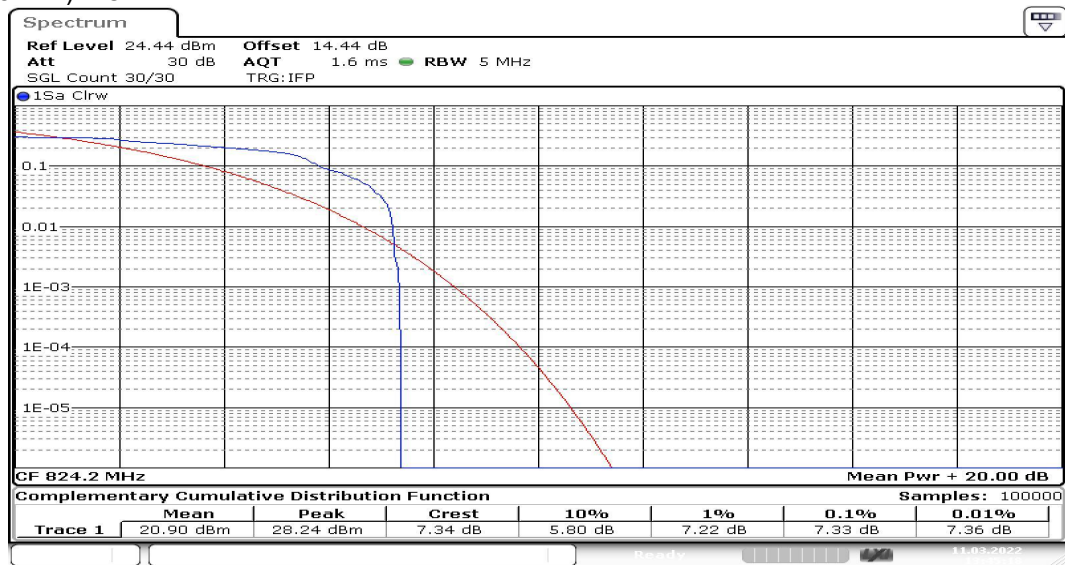


Channel 189



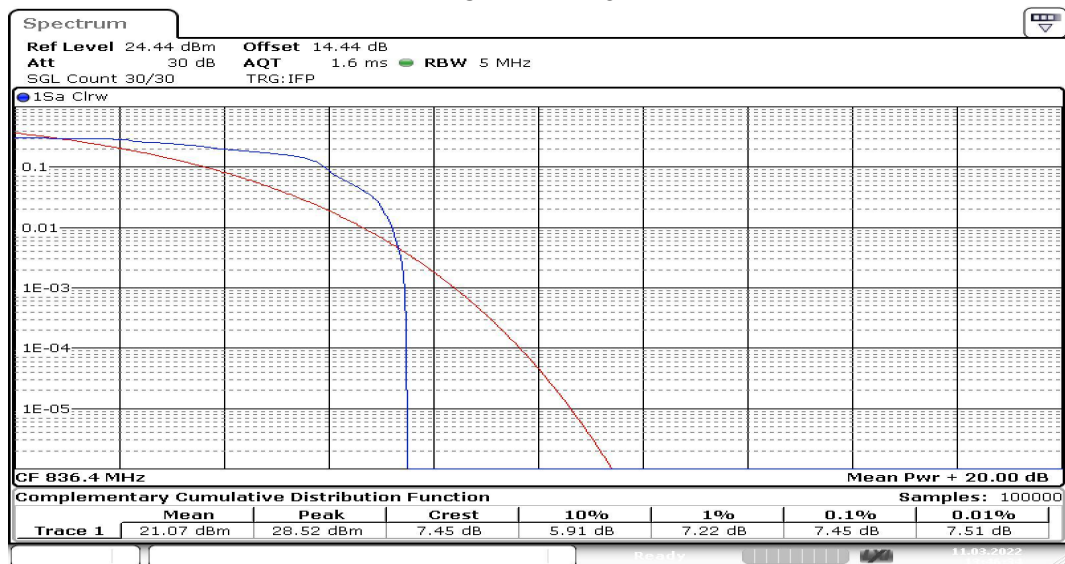
Channel 251

EGPRS (8PSK) MODE:



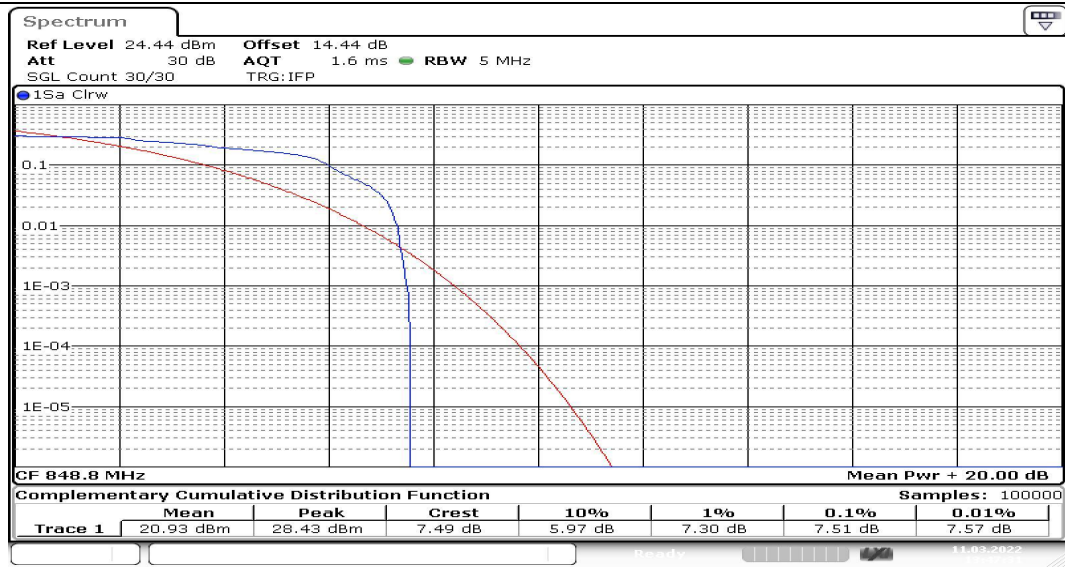
Date: 11.MAR.2022 13:45:18

Channel 128



Date: 11.MAR.2022 13:46:34

Channel 189



Date: 11.MAR.2022 13:47:32

Channel 251

8. Effective Radiated Power and Effective Isotropic Radiated Power

GSM850

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	30.68	25.03	0.318
836.4	189	30.81	25.16	0.328
848.8	251	30.73	25.08	0.322

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	4Down1Up	30.63	24.98	0.315
836.4	189		30.80	25.15	0.327
848.8	251		30.72	25.07	0.321
824.2	128	3Down2Up	30.52	24.87	0.307
836.4	189		30.70	25.05	0.320
848.8	251		30.62	24.97	0.314
824.2	128	2Down3Up	30.41	24.76	0.299
836.4	189		30.60	24.95	0.313
848.8	251		30.51	24.86	0.306
824.2	128	1Down4Up	28.46	22.81	0.191
836.4	189		28.44	22.79	0.190
848.8	251		28.37	22.72	0.187

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
824.2	128	4Down1Up	23.66	18.01	0.063
836.4	189		23.89	18.24	0.067
848.8	251		23.71	18.06	0.064
824.2	128	3Down2Up	23.52	17.87	0.061
836.4	189		26.41	20.76	0.119
848.8	251		26.35	20.70	0.117
824.2	128	2Down3Up	21.87	16.22	0.042
836.4	189		23.38	17.73	0.059
848.8	251		21.99	16.34	0.043
824.2	128	1Down4Up	21.94	16.29	0.043
836.4	189		22.01	16.36	0.043
848.8	251		22.73	17.08	0.051

1. RF Power Output

PCS1900

GSM Measured Power:

Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
1850.2	512	27.41
1880	661	27.27
1909.8	810	27.29

GPRS Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	RF Power Output (dBm)
1850.2	512	4Down1Up	27.39
1880	661		27.26
1909.8	810		27.29
1850.2	512	3Down2Up	27.31
1880	661		27.17
1909.8	810		27.18
1850.2	512	2Down3Up	27.25
1880	661		27.09
1909.8	810		27.09
1850.2	512	1Down4Up	25.47
1880	661		25.09
1909.8	810		24.93

EGPRS (8PSK) Measured Power:

Carrier frequency (MHz)	Channel No.	TX Mode	RF Power Output (dBm)
1850.2	512	4Down1Up	24.21
1880	661		23.99
1909.8	810		23.61
1850.2	512	3Down2Up	23.90
1880	661		23.86
1909.8	810		23.45
1850.2	512	2Down3Up	23.47
1880	661		23.61
1909.8	810		22.41
1850.2	512	1Down4Up	20.16
1880	661		20.27
1909.8	810		20.46

2. Occupied Bandwidth

PCS1900

GSM MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (kHz)
1850.2	512	253.26
1880	661	250.36
1909.8	810	240.23

GPRS MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (kHz)
1850.2	512	246.02
1880	661	243.13
1909.8	810	251.81

EGPRS (8PSK) MODE:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (kHz)
1850.2	512	240.23
1880	661	246.02
1909.8	810	244.57

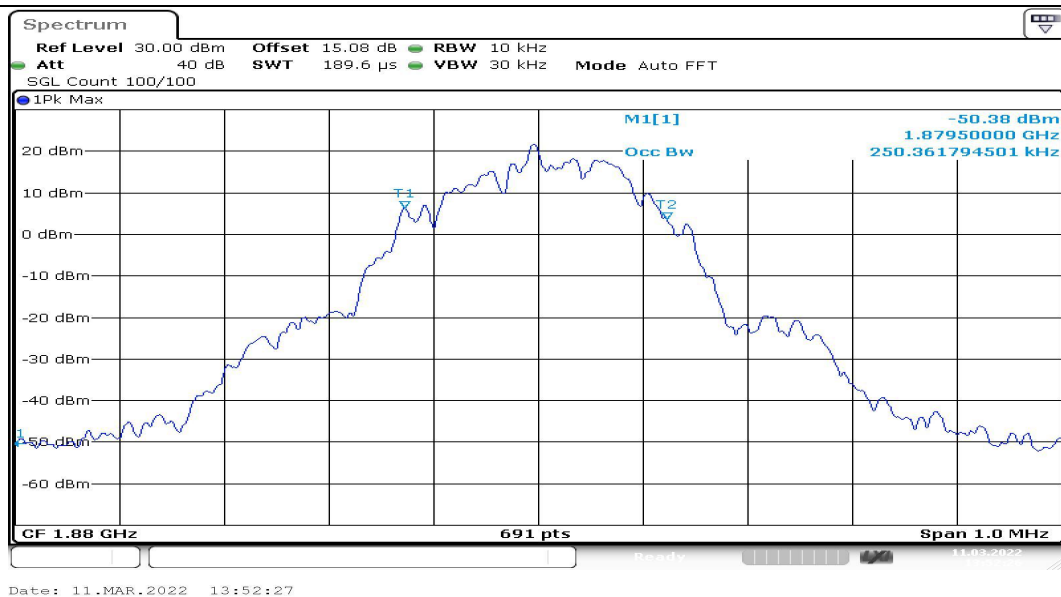
PCS1900

GSM MODE:

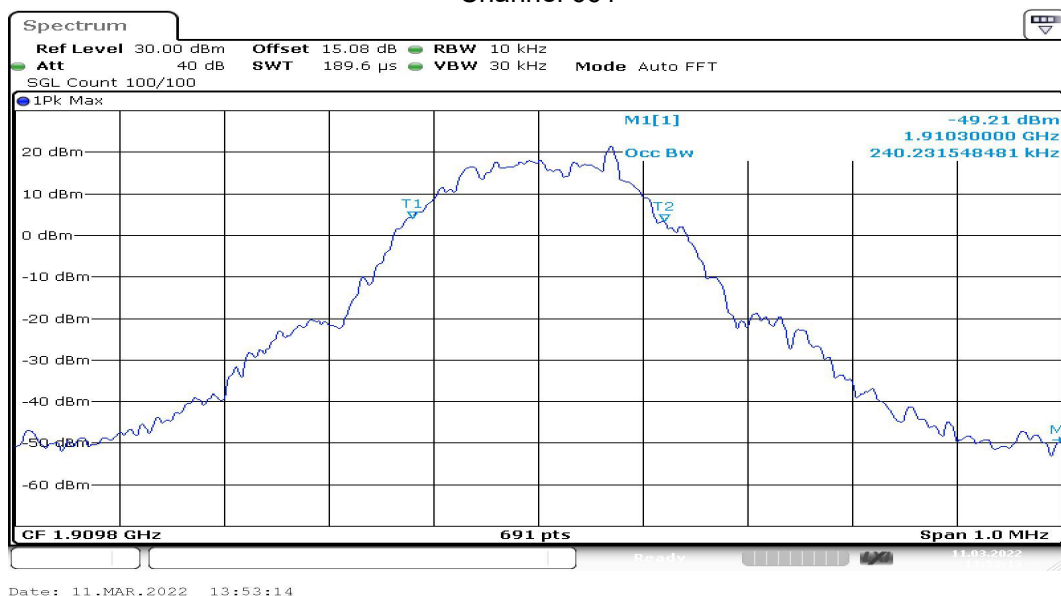


Date: 11.MAR.2022 13:51:20

Channel 512

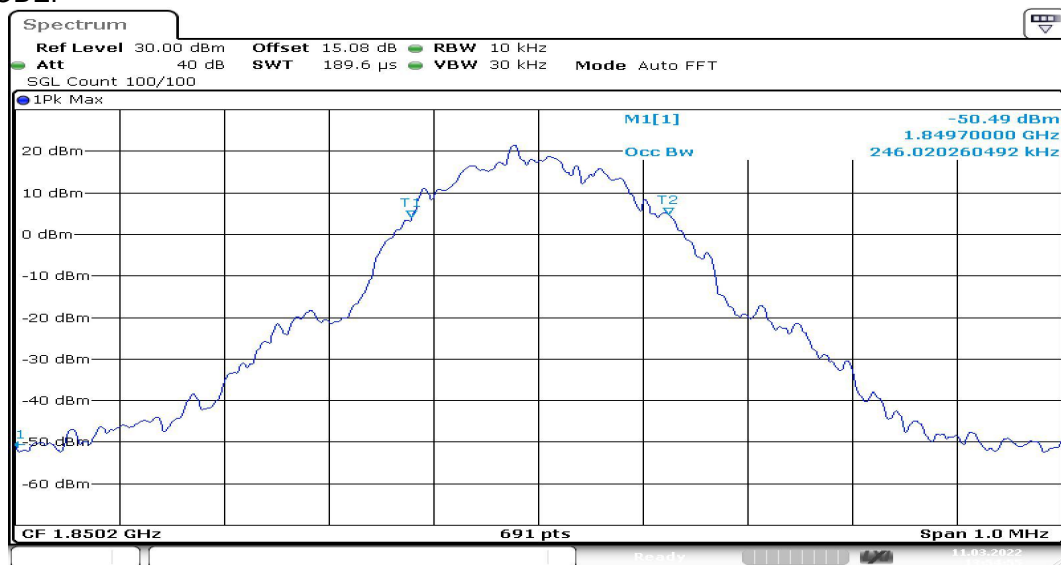


Channel 661



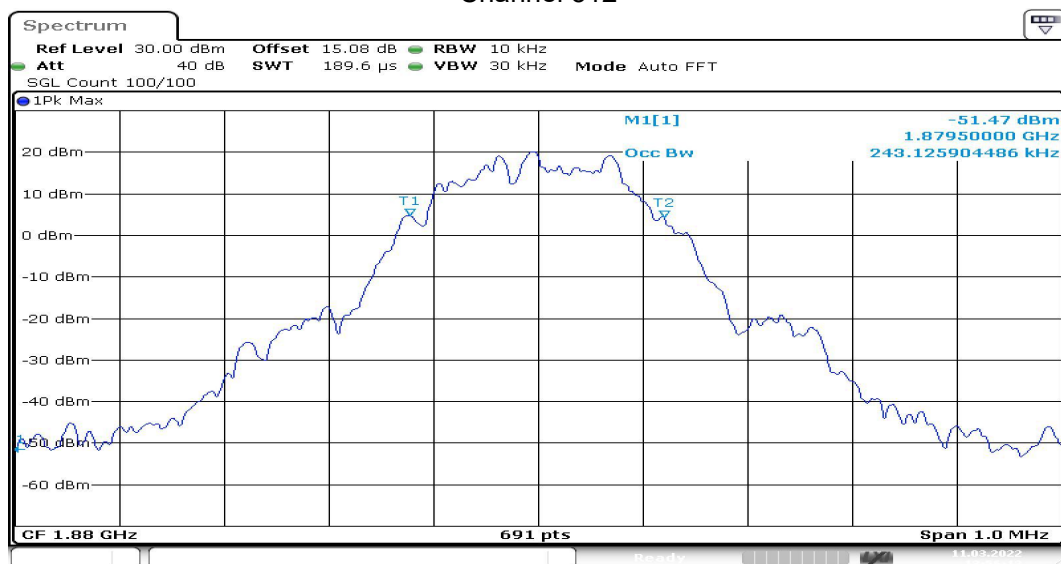
Channel 810

GPRS MODE:



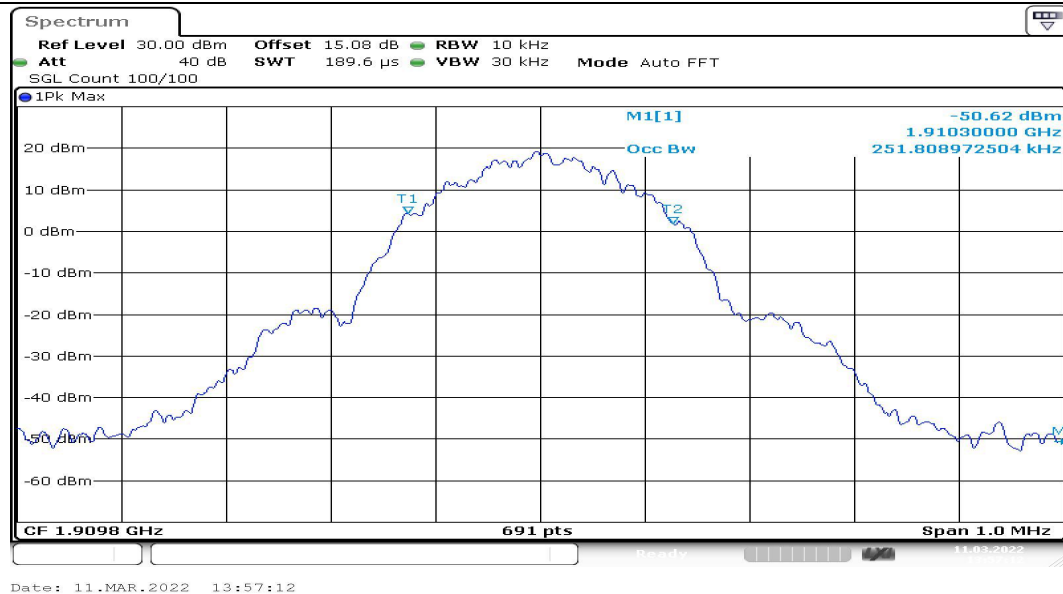
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Channel 512



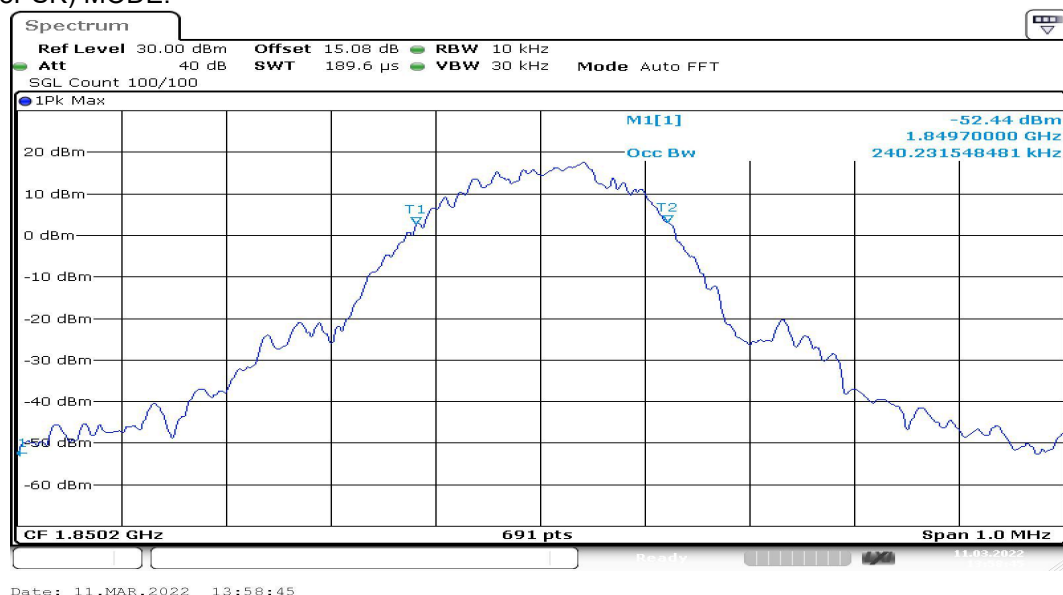
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Channel 661

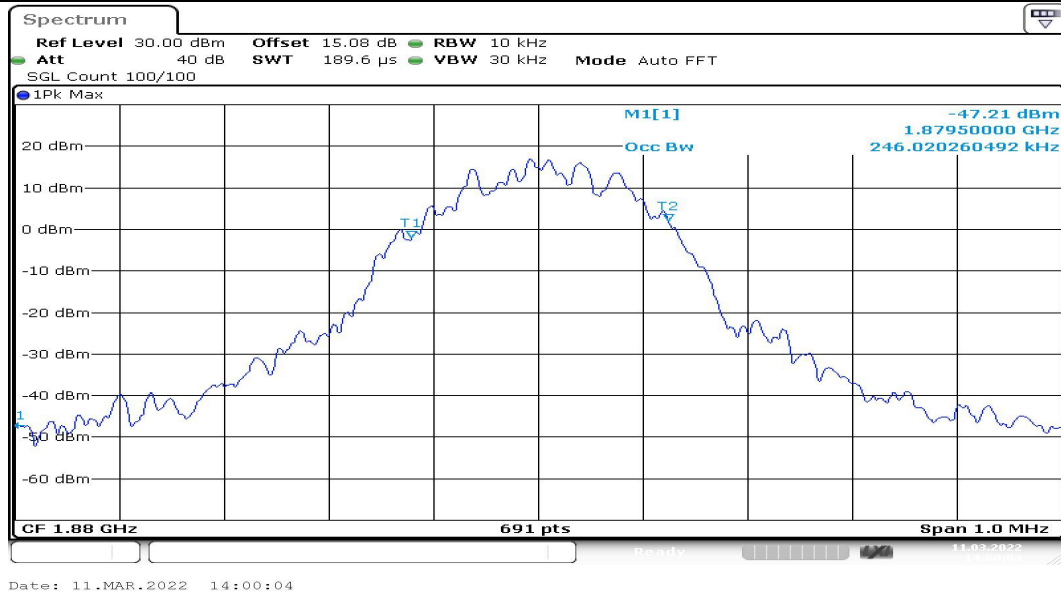


Channel 810

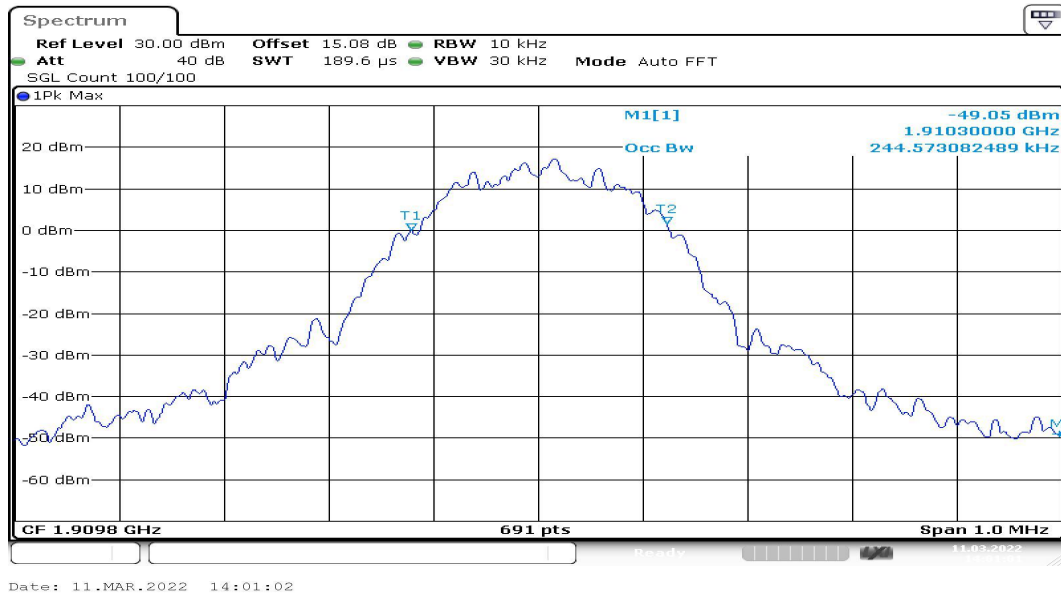
EGPRS (8PSK) MODE:



Channel 512



Channel 661



Channel 810