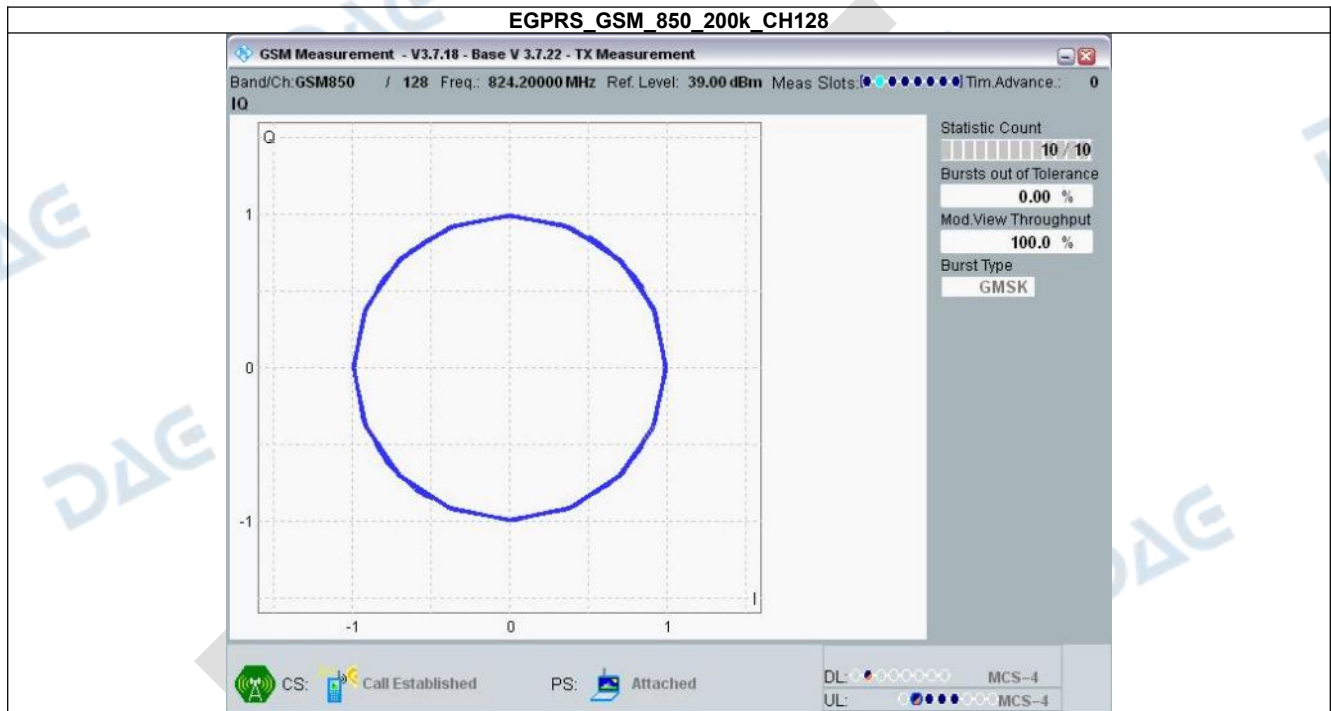


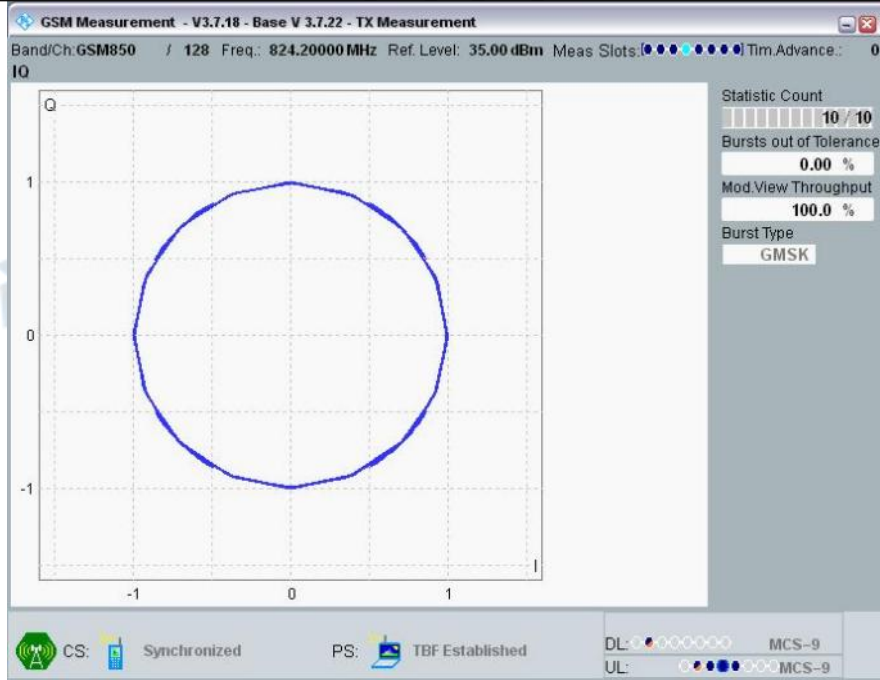
Test Data-GSM850/EGPRS/GPRS

1. Modulation Characteristics

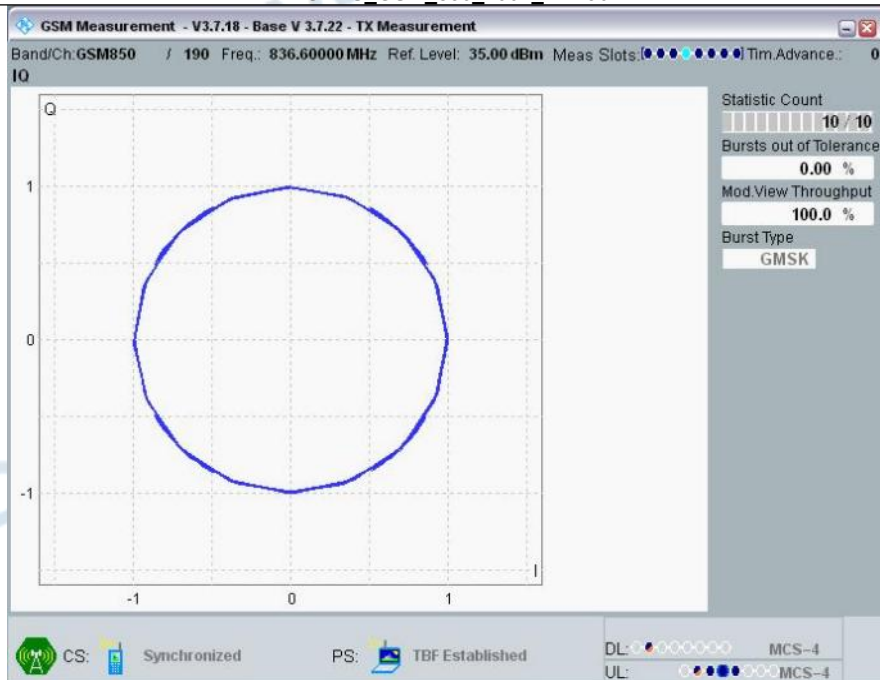
Band	Services	Modulation	Frequency(MHz)	Result
GSM 850	EGPRS	GMSK	824.2	See the photograph
GSM 850	EGPRS	8PSK	824.2	See the photograph
GSM 850	EGPRS	GMSK	836.6	See the photograph
GSM 850	EGPRS	8PSK	836.6	See the photograph
GSM 850	EGPRS	GMSK	848.8	See the photograph
GSM 850	EGPRS	8PSK	848.8	See the photograph
GSM 850	GPRS	GMSK	824.2	See the photograph
GSM 850	GPRS	GMSK	836.6	See the photograph
GSM 850	GPRS	GMSK	848.8	See the photograph
GSM 850	GSM	GMSK	824.2	See the photograph
GSM 850	GSM	GMSK	836.6	See the photograph
GSM 850	GSM	GMSK	848.8	See the photograph

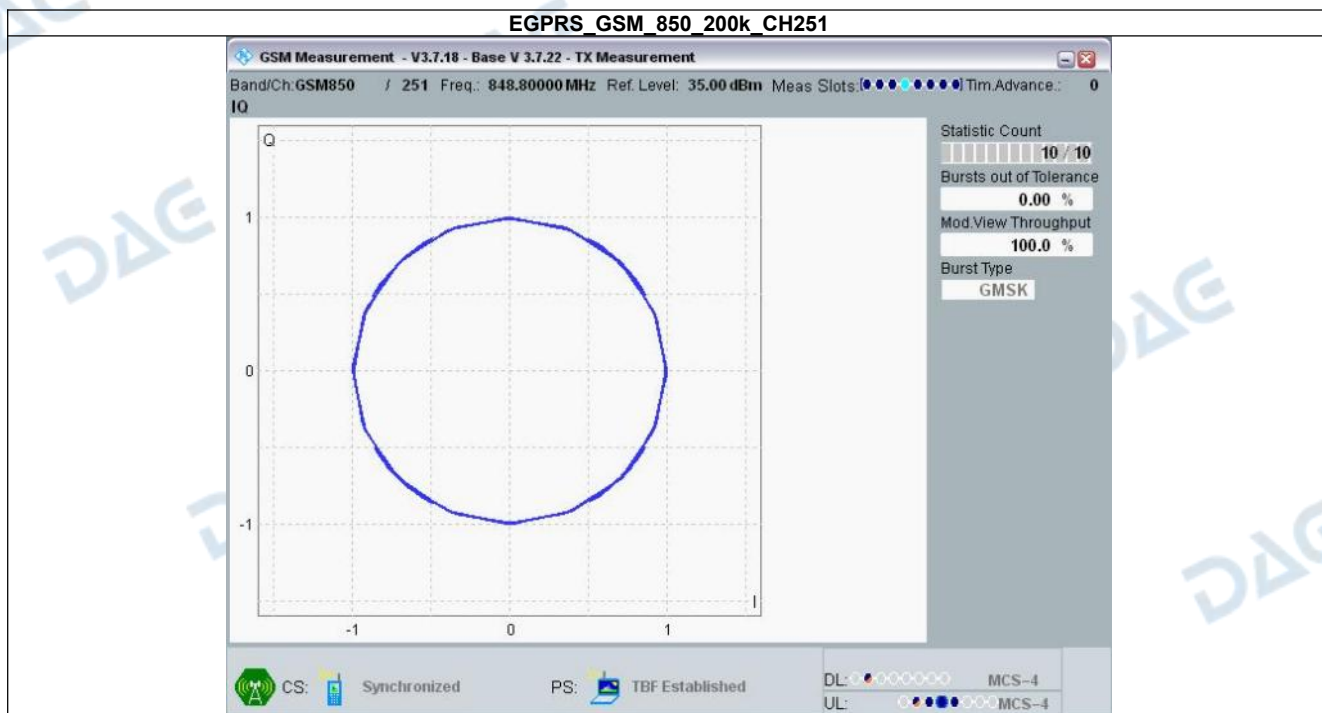
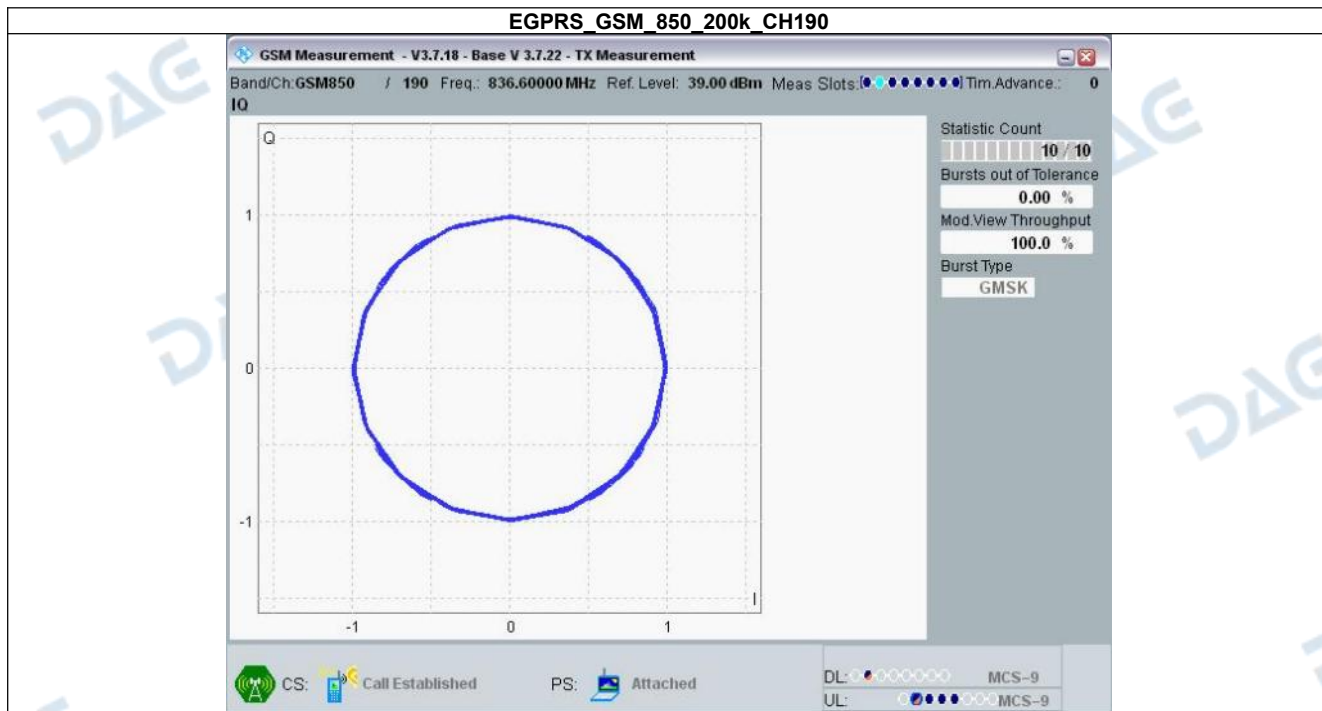


EGPRS GSM 850 200k CH128

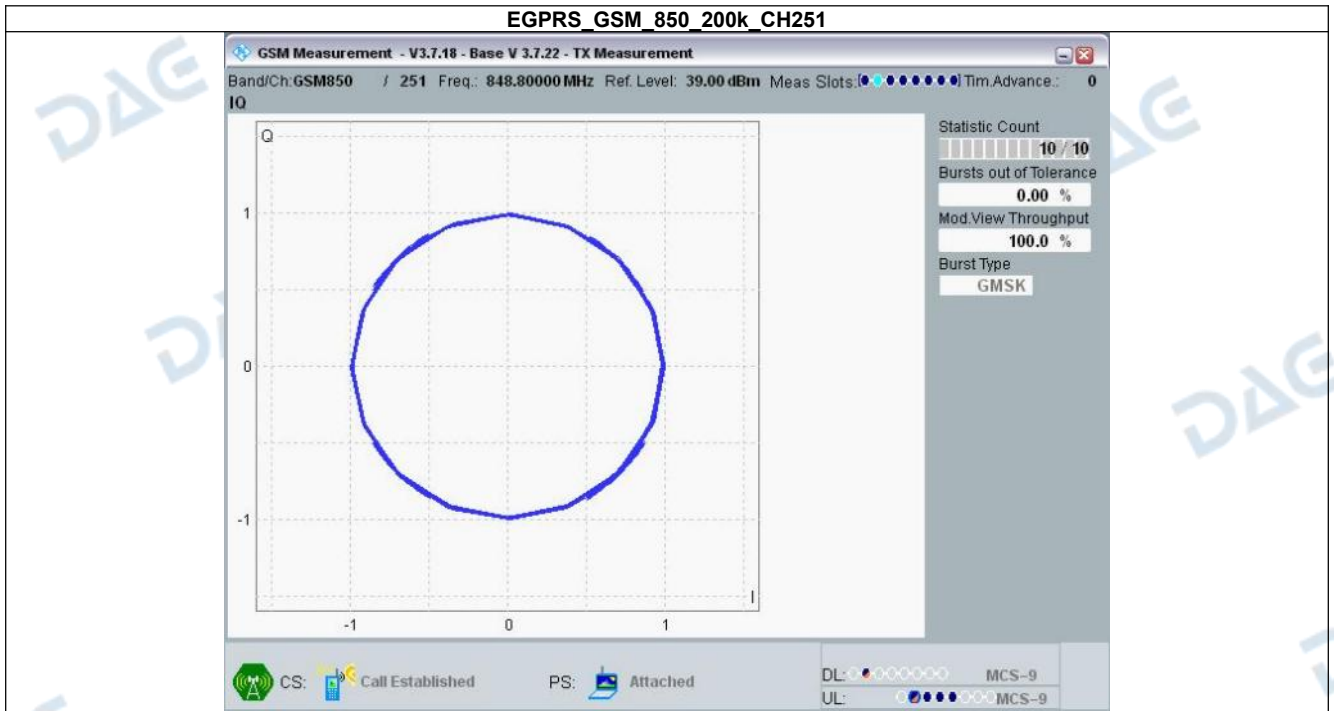


EGPRS GSM 850 200k CH190

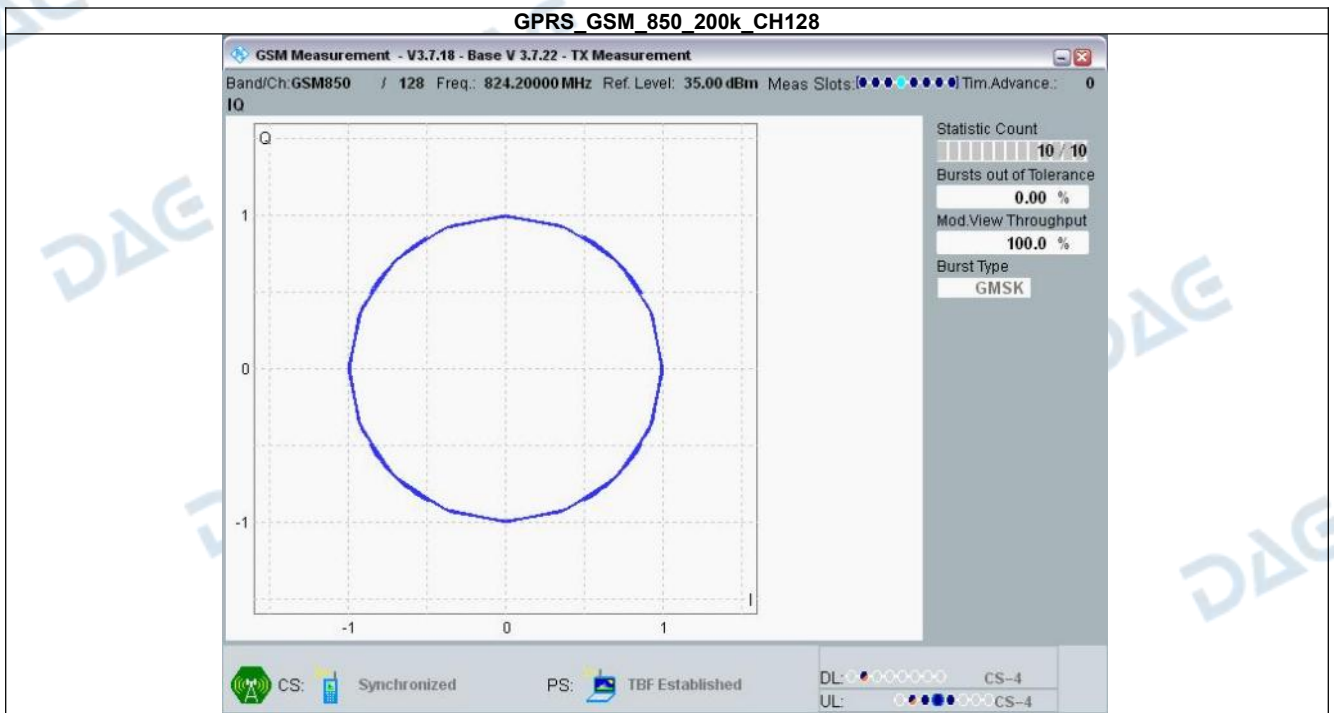


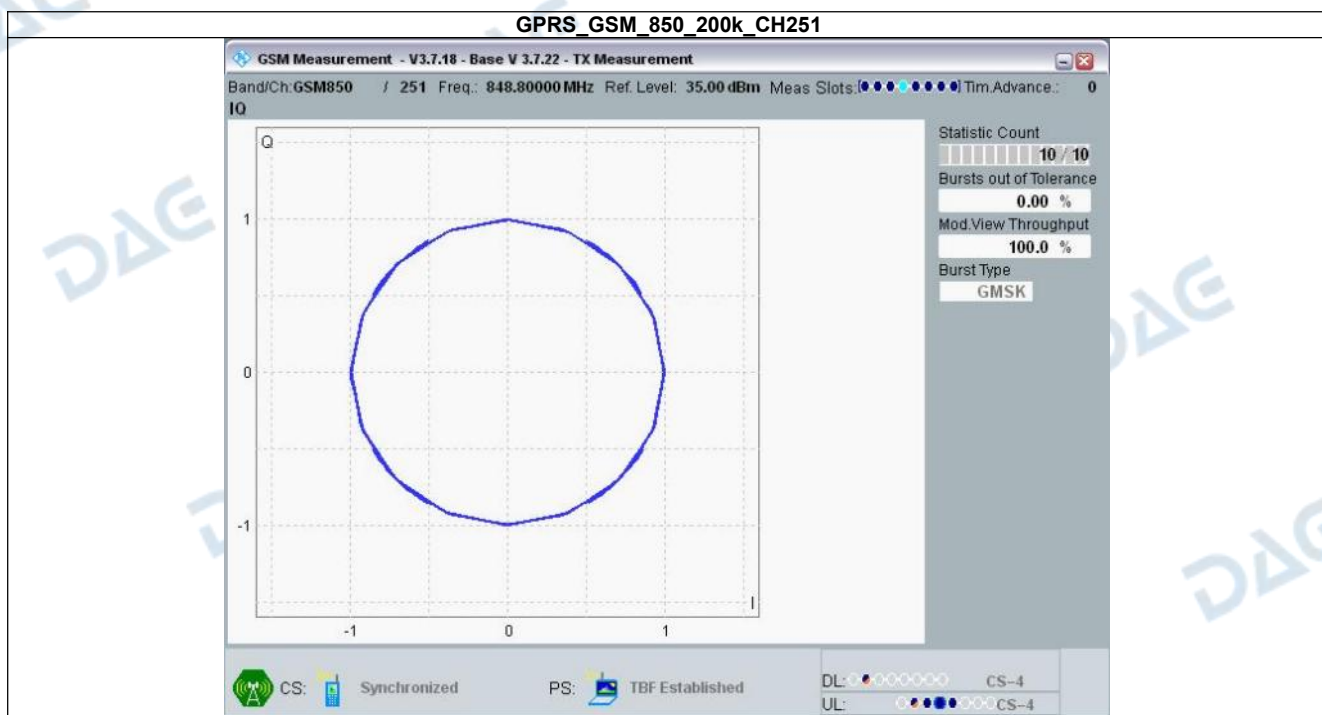
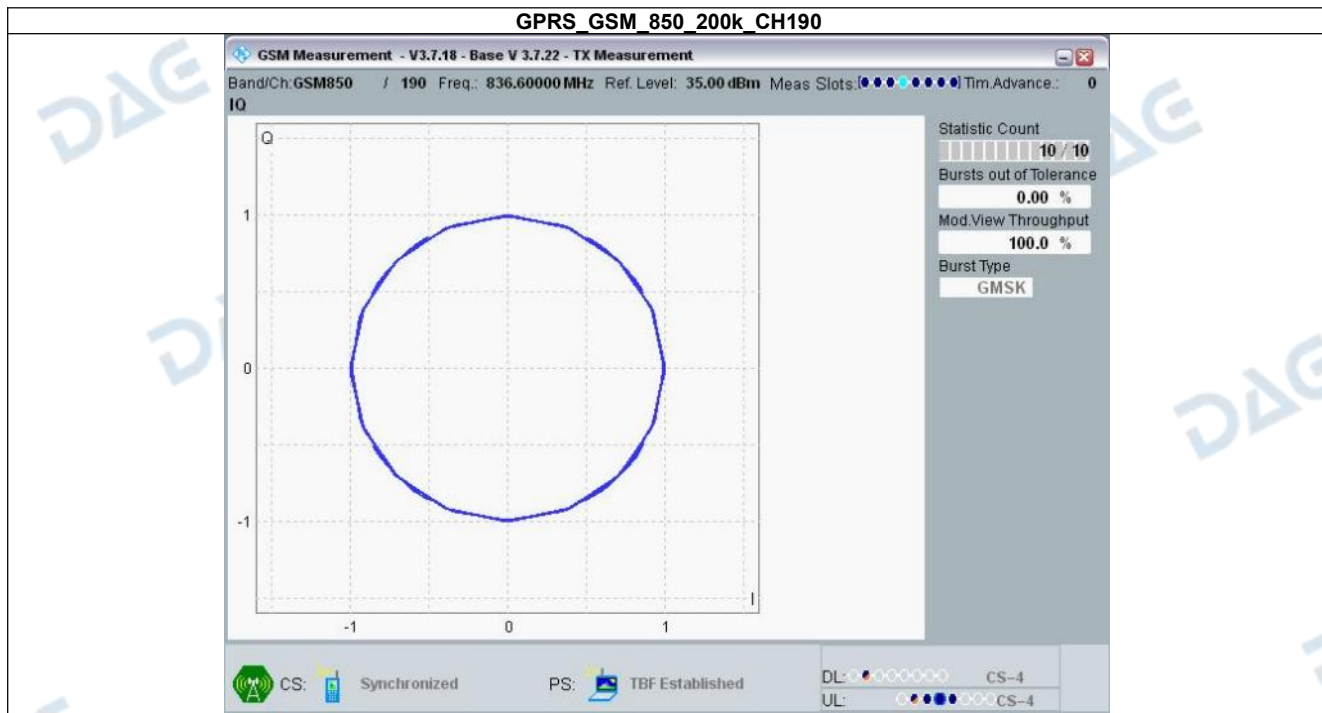


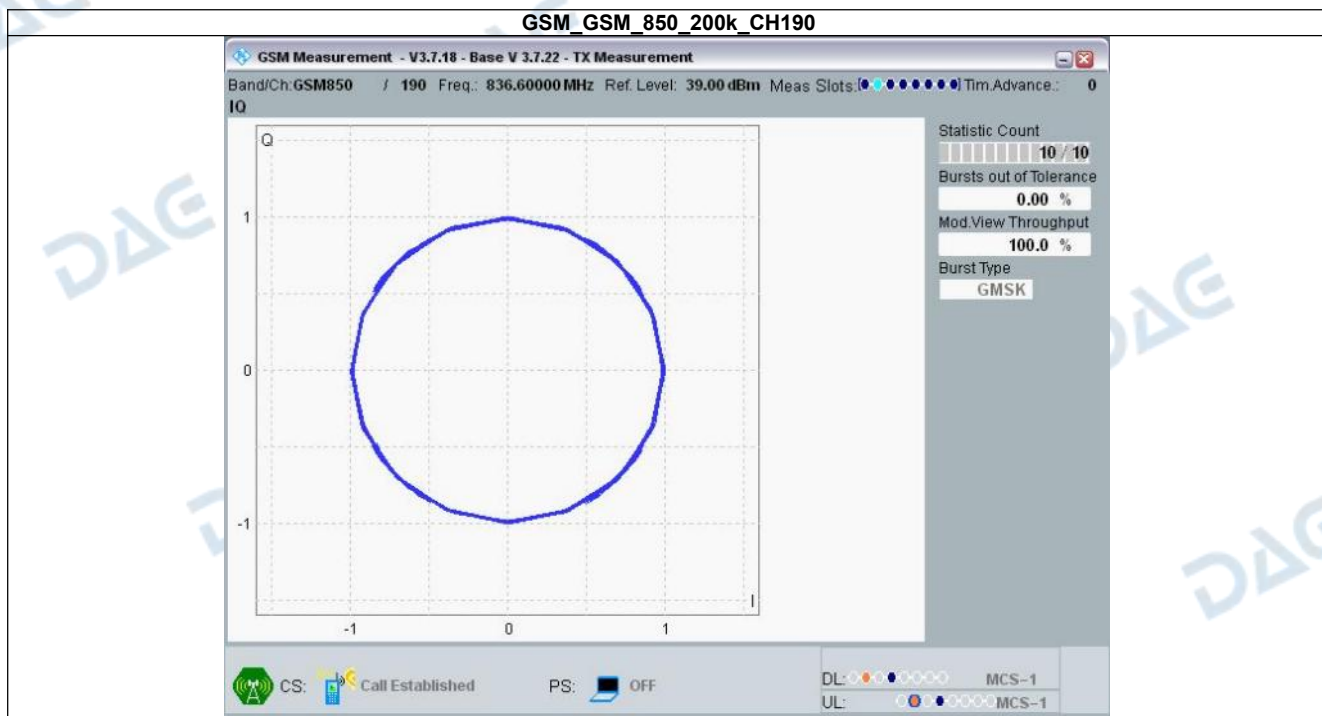
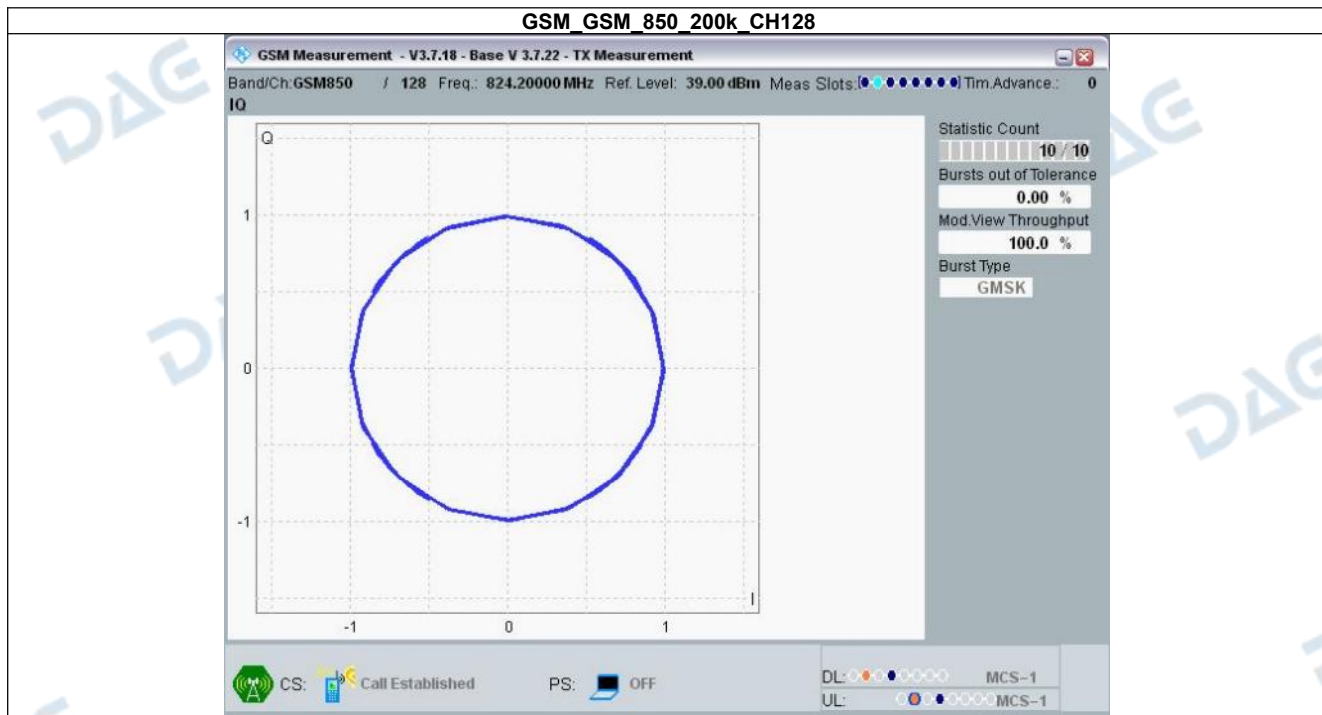
EGPRS GSM_850_200k_CH251



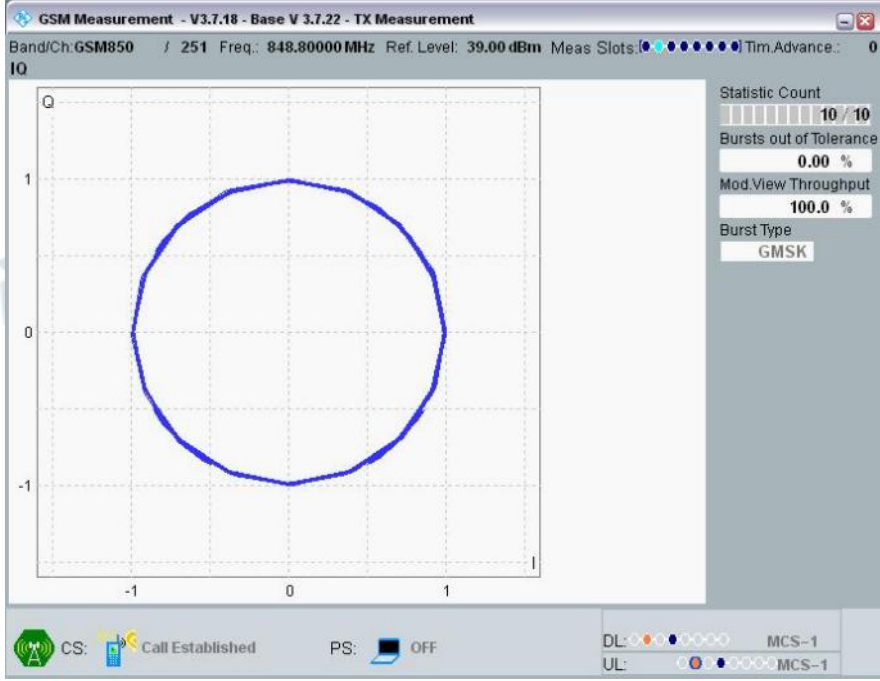
GPRS GSM_850_200k_CH128







GSM GSM 850 200k CH251



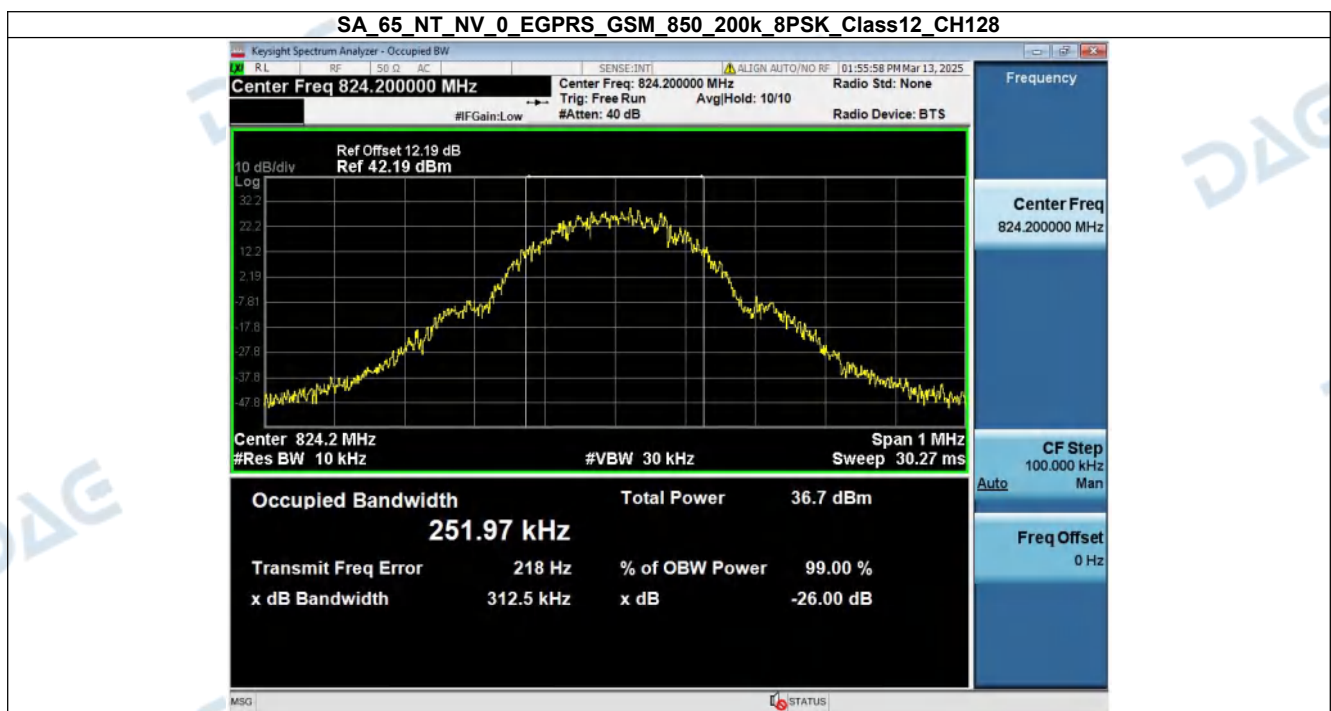
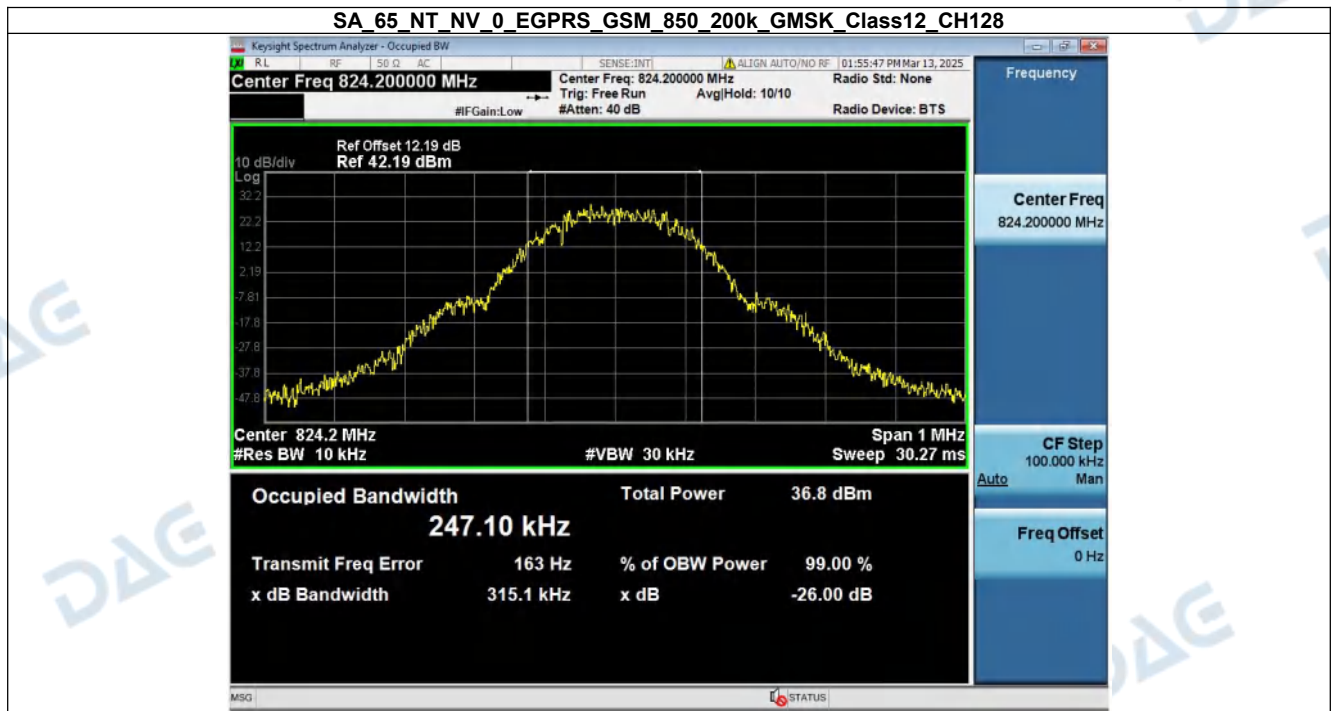
2. Conducted Output Power&&EIRP/ERP

Condition	Services	Modulation	Frequency (MHz)	Conducted Power (dBm)	ANT Gain (dBi)	ERP (dBm)	ERP (mW)	Limit (mW)	Result
NVNT	EGPRS	GMSK	824.2	29.13	-0.6	26.38	434.51	7000	Pass
NVNT	EGPRS	GMSK	824.2	28.91	-0.6	26.16	413.05	7000	Pass
NVNT	EGPRS	GMSK	824.2	28.65	-0.6	25.9	389.05	7000	Pass
NVNT	EGPRS	GMSK	824.2	26.25	-0.6	23.5	223.87	7000	Pass
NVNT	EGPRS	8PSK	824.2	32.82	-0.6	30.07	1016.25	7000	Pass
NVNT	EGPRS	8PSK	824.2	32.81	-0.6	30.06	1013.91	7000	Pass
NVNT	EGPRS	8PSK	824.2	32.83	-0.6	30.08	1018.59	7000	Pass
NVNT	EGPRS	8PSK	824.2	32.82	-0.6	30.07	1016.25	7000	Pass
NVNT	EGPRS	GMSK	836.6	32.64	-0.6	29.89	974.99	7000	Pass
NVNT	EGPRS	GMSK	836.6	32.63	-0.6	29.88	972.75	7000	Pass
NVNT	EGPRS	GMSK	836.6	32.62	-0.6	29.87	970.51	7000	Pass
NVNT	EGPRS	GMSK	836.6	32.63	-0.6	29.88	972.75	7000	Pass
NVNT	EGPRS	8PSK	836.6	32.62	-0.6	29.87	970.51	7000	Pass
NVNT	EGPRS	8PSK	836.6	32.63	-0.6	29.88	972.75	7000	Pass
NVNT	EGPRS	8PSK	836.6	32.63	-0.6	29.88	972.75	7000	Pass
NVNT	EGPRS	8PSK	836.6	32.62	-0.6	29.87	970.51	7000	Pass
NVNT	EGPRS	GMSK	848.8	32.46	-0.6	29.71	935.41	7000	Pass
NVNT	EGPRS	GMSK	848.8	32.47	-0.6	29.72	937.56	7000	Pass
NVNT	EGPRS	GMSK	848.8	32.46	-0.6	29.71	935.41	7000	Pass
NVNT	EGPRS	GMSK	848.8	32.44	-0.6	29.69	931.11	7000	Pass
NVNT	EGPRS	8PSK	848.8	32.46	-0.6	29.71	935.41	7000	Pass
NVNT	EGPRS	8PSK	848.8	32.47	-0.6	29.72	937.56	7000	Pass
NVNT	EGPRS	8PSK	848.8	32.45	-0.6	29.7	933.25	7000	Pass
NVNT	EGPRS	8PSK	848.8	32.45	-0.6	29.7	933.25	7000	Pass
NVNT	GPRS	GMSK	824.2	28.75	-0.6	26	398.11	7000	Pass
NVNT	GPRS	GMSK	824.2	28.56	-0.6	25.81	381.07	7000	Pass
NVNT	GPRS	GMSK	824.2	28.36	-0.6	25.61	363.92	7000	Pass
NVNT	GPRS	GMSK	824.2	26.06	-0.6	23.31	214.29	7000	Pass
NVNT	GPRS	GMSK	836.6	28.59	-0.6	25.84	383.71	7000	Pass
NVNT	GPRS	GMSK	836.6	28.42	-0.6	25.67	368.98	7000	Pass
NVNT	GPRS	GMSK	836.6	28.21	-0.6	25.46	351.56	7000	Pass
NVNT	GPRS	GMSK	836.6	25.9	-0.6	23.15	206.54	7000	Pass
NVNT	GPRS	GMSK	848.8	28.43	-0.6	25.68	369.83	7000	Pass
NVNT	GPRS	GMSK	848.8	28.25	-0.6	25.5	354.81	7000	Pass
NVNT	GPRS	GMSK	848.8	28.03	-0.6	25.28	337.29	7000	Pass
NVNT	GPRS	GMSK	848.8	25.69	-0.6	22.94	196.79	7000	Pass
NVNT	GSM 850	GMSK	824.2	32.53	-0.6	29.78	950.60	7000	Pass
NVNT	GSM 850	GMSK	836.6	32.37	-0.6	29.62	916.22	7000	Pass
NVNT	GSM 850	GMSK	848.8	32.24	-0.6	29.49	889.20	7000	Pass

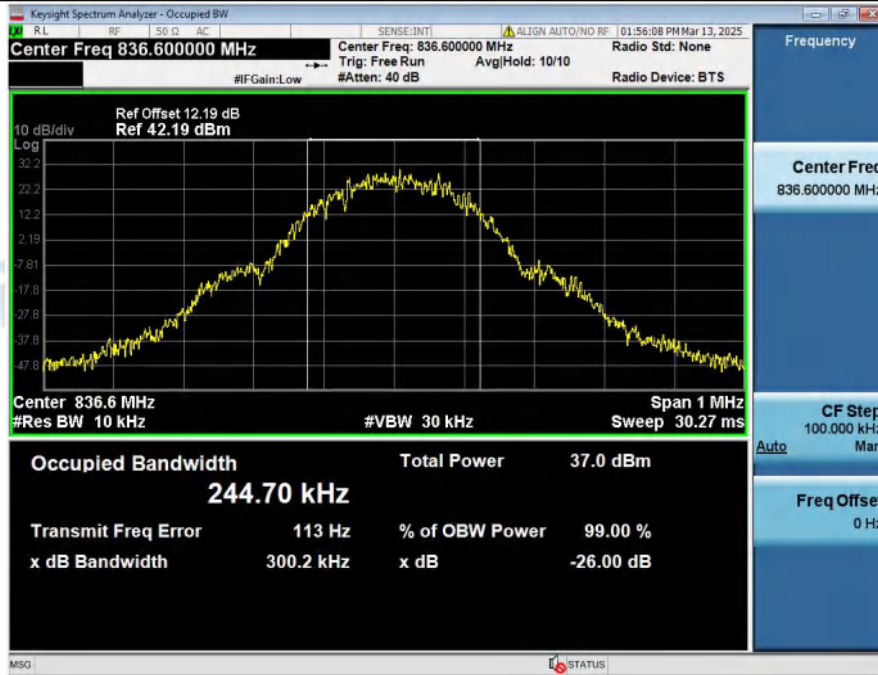
ERP = Conducted Power + ANT Gain - 2.15

3. Occupied Bandwidth

Condition	Services	Modulation	Frequency(MHz)	OBW(MHz)	-26EBW(MHz)
NVNT	EGPRS	GMSK	824.2	0.2471	0.3151
NVNT	EGPRS	8PSK	824.2	0.2520	0.3125
NVNT	EGPRS	GMSK	836.6	0.2445	0.3002
NVNT	EGPRS	8PSK	836.6	0.2477	0.3077
NVNT	EGPRS	GMSK	848.8	0.2487	0.3122
NVNT	EGPRS	8PSK	848.8	0.2479	0.3143
NVNT	GPRS	GMSK	824.2	0.2438	0.3198
NVNT	GPRS	GMSK	836.6	0.2434	0.3171
NVNT	GPRS	GMSK	848.8	0.2435	0.3129
NVNT	GSM	GMSK	824.2	0.2484	0.3143
NVNT	GSM	GMSK	836.6	0.2457	0.3220
NVNT	GSM	GMSK	848.8	0.2497	0.3146



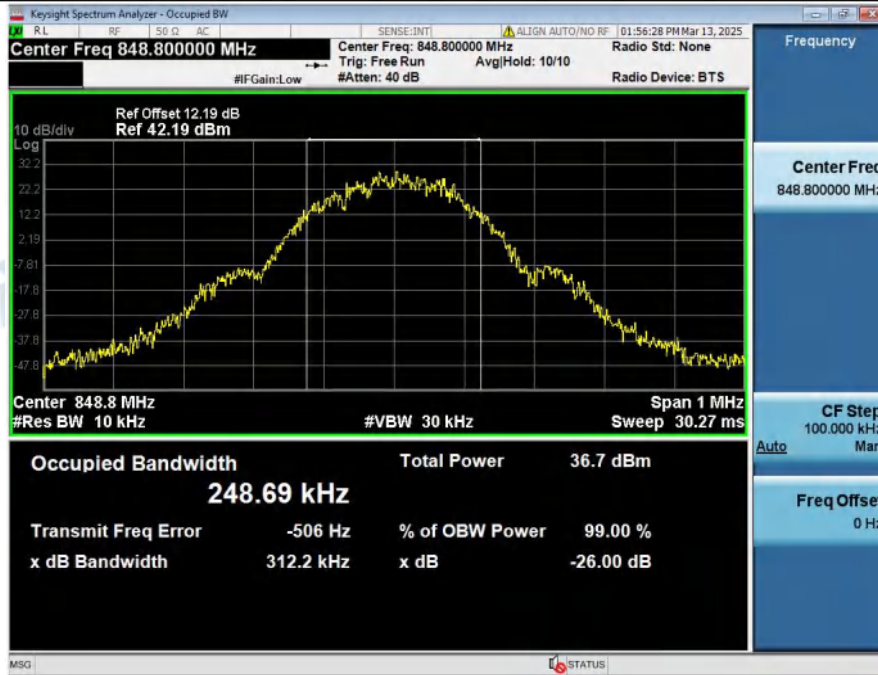
SA 65_NT_NV_0 EGPRS_GSM_850_200k GMSK_Class12_CH190



SA 65_NT_NV_0 EGPRS_GSM_850_200k 8PSK_Class12_CH190



SA 65_NT_NV_0 EGPRS_GSM_850_200k GMSK_Class12_CH251



SA 65_NT_NV_0 EGPRS_GSM_850_200k 8PSK_Class12_CH251



SA_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH128



SA_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH190



Keysight Spectrum Analyzer - Occupied BW

RL RF SFO AC SENSE:INT1 ALIGN AUTO/NO RF 10:01:04 AM Mar 13, 2025

Center Freq 848.800000 MHz Center Freq: 848.800000 MHz Radio Std: None
 Trig: Free Run Avg/Hold: 10/10
 #IFGain: Low #Atten: 40 dB Radio Device: BTS

Ref Offset 12.19 dB
 Ref 42.19 dBm

10 dB/dlv
 Log

Center 848.8 MHz Span 1 MHz
 #Res BW 10 kHz #VBW 30 kHz Sweep 30.27 ms

Occupied Bandwidth	Total Power
243.53 kHz	31.2 dBm

Transmit Freq Error	% of OBW Power
30 Hz	99.00 %

x dB Bandwidth	x dB
312.9 kHz	-26.00 dB

Frequency

Center Freq 848.800000 MHz

CF Step 100.000 kHz

Auto Man

Freq Offset 0 Hz

MSG STATUS

Keysight Spectrum Analyzer - Occupied BW

06:29:36 PM Mar 12, 2025

Center Freq 824.200000 MHz

Center Freq: 824.200000 MHz
 Trig: Free Run
 #Atten: 40 dB

Radio Std: None

Radio Device: BTS

#IFGain: Low

Ref Offset 12.19 dB
 Ref 42.19 dBm

10 dB/dlv
 Log

Center 824.2 MHz
 #Res BW 10 kHz

#VBW 30 kHz

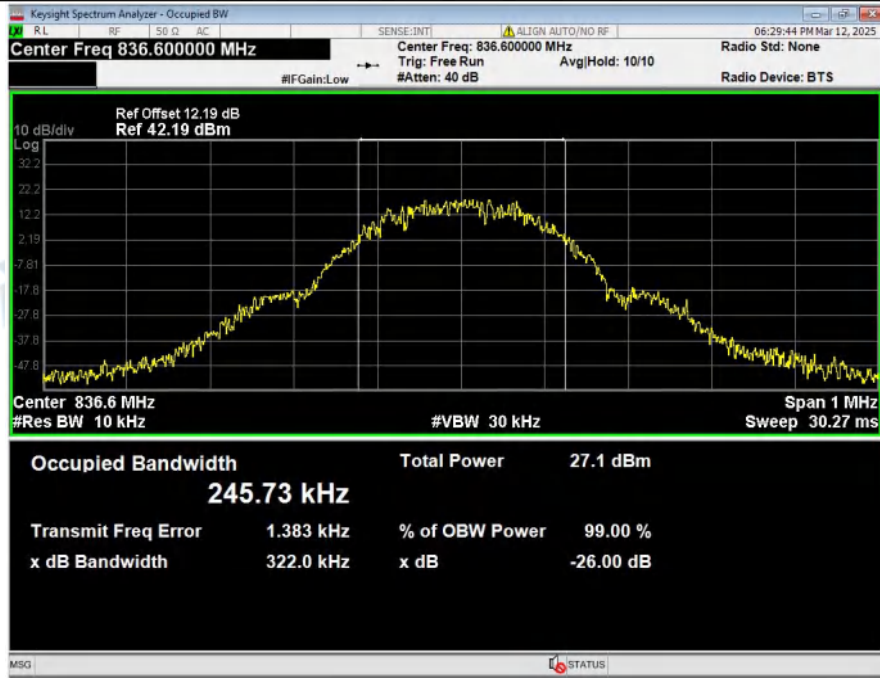
Span 1 MHz
 Sweep 30.27 ms

Occupied Bandwidth	Total Power
248.35 kHz	27.1 dBm

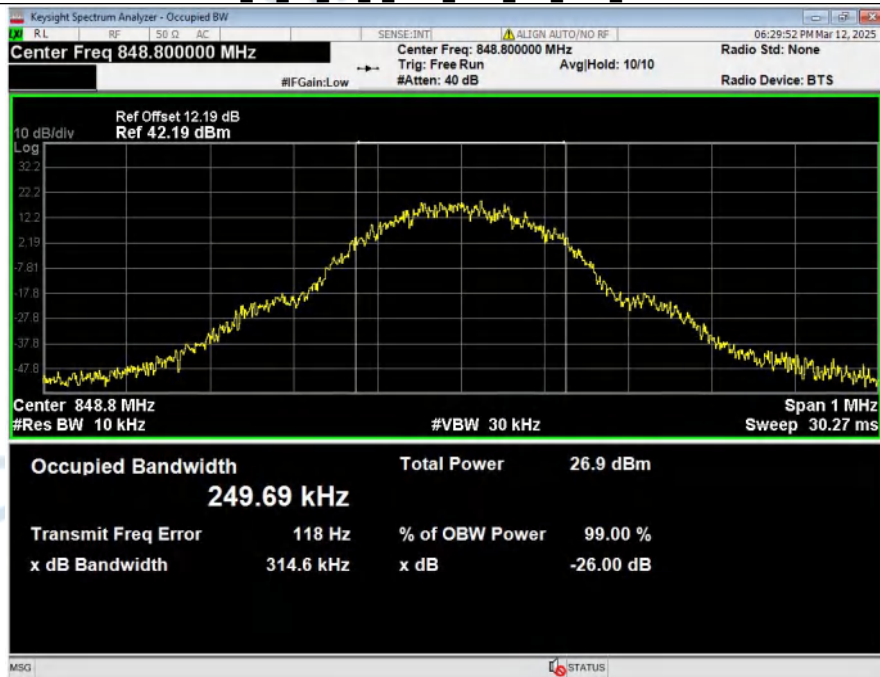
Transmit Freq Error	% of OBW Power
618 Hz	99.00 %

x dB Bandwidth	x dB
314.3 kHz	-26.00 dB

SA 65_NT_NV_0 GSM GSM 850 200k CH190

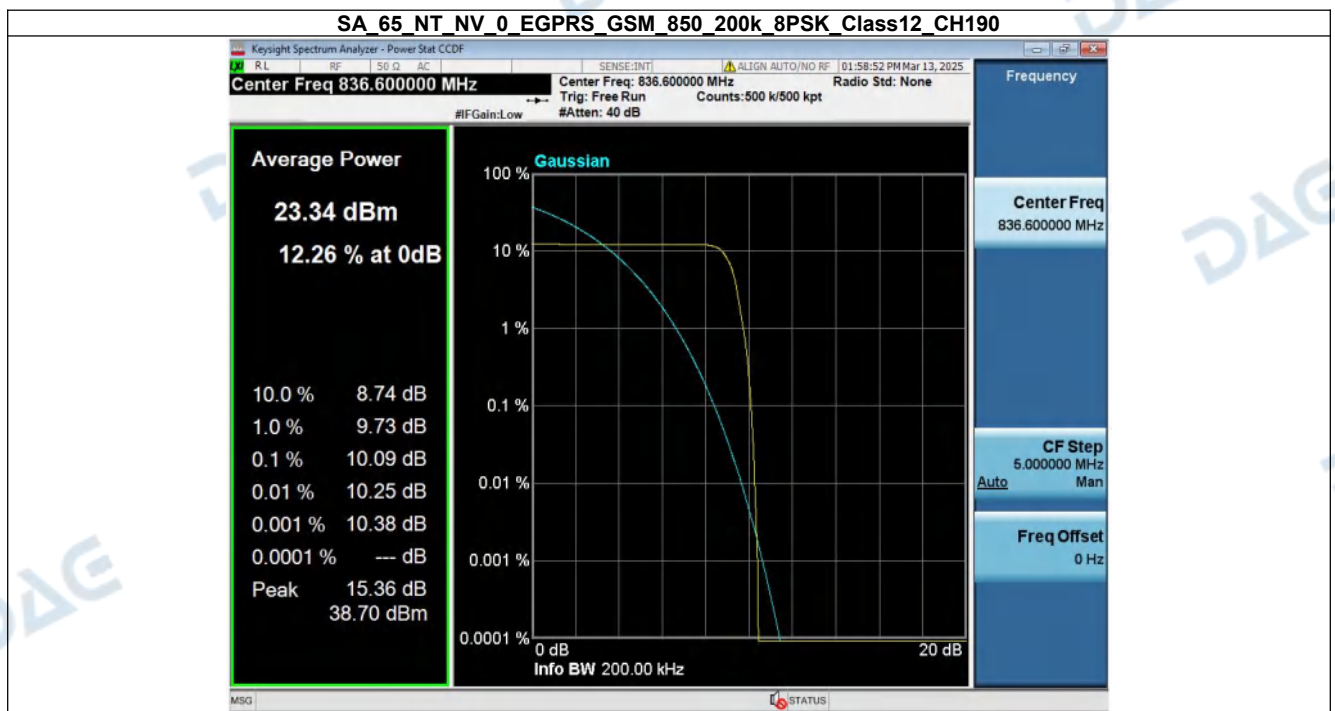


SA 65_NT_NV_0 GSM GSM 850 200k CH251

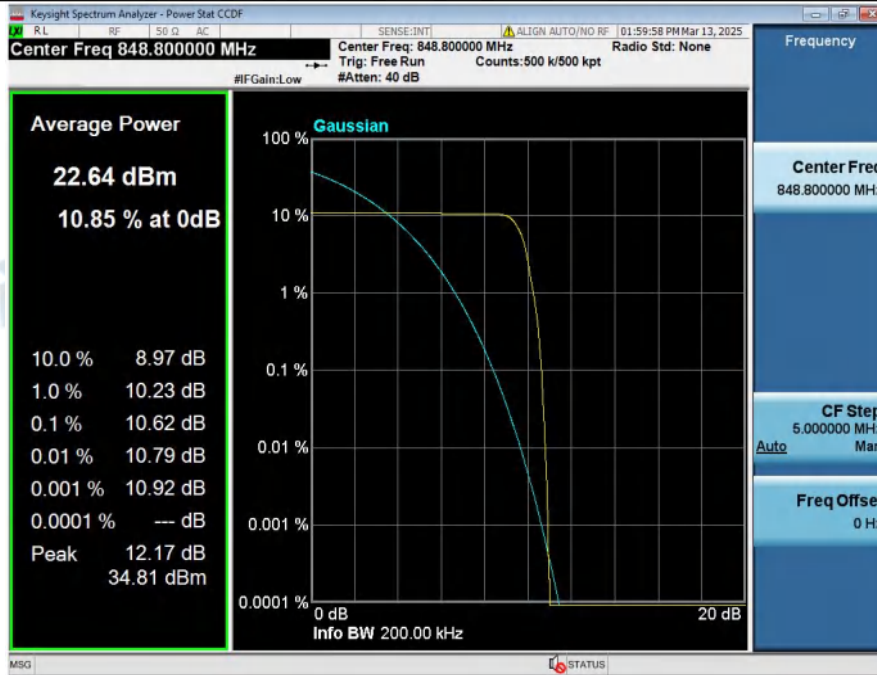


4. Peak to Average Ratio

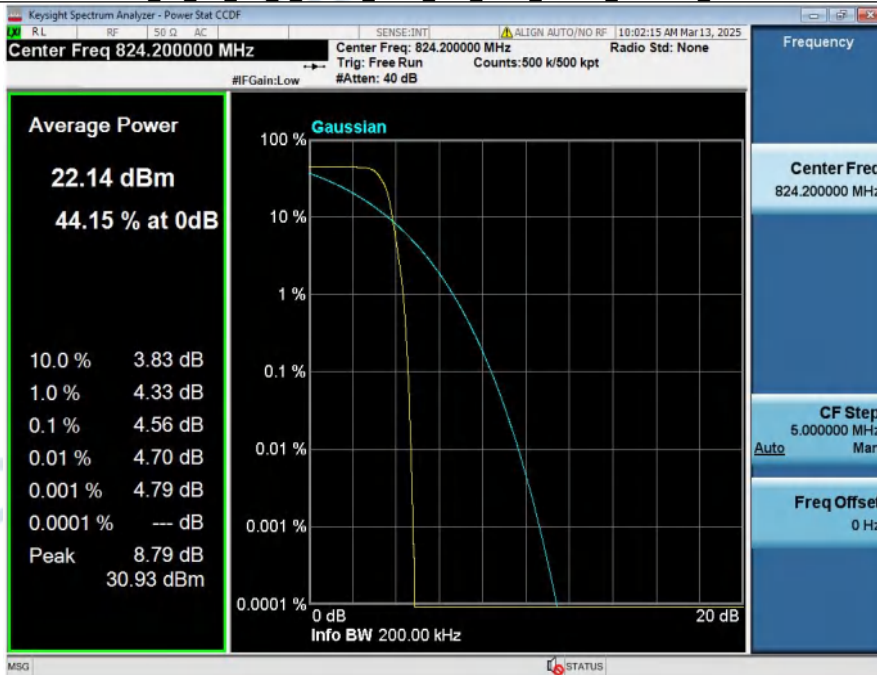
Condition	Services	Modulation	Frequency(MHz)	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NVNT	EGPRS	8PSK	824.2	10.03	13.00	Pass
NVNT	EGPRS	8PSK	836.6	10.09	13.00	Pass
NVNT	EGPRS	8PSK	848.8	10.62	13.00	Pass
NVNT	GPRS	GMSK	824.2	4.56	13.00	Pass
NVNT	GPRS	GMSK	836.6	4.52	13.00	Pass
NVNT	GPRS	GMSK	848.8	4.36	13.00	Pass
NVNT	GSM	GSM 850	824.2	10.51	13.00	Pass
NVNT	GSM	GSM 850	836.6	10.12	13.00	Pass
NVNT	GSM	GSM 850	848.8	10.62	13.00	Pass



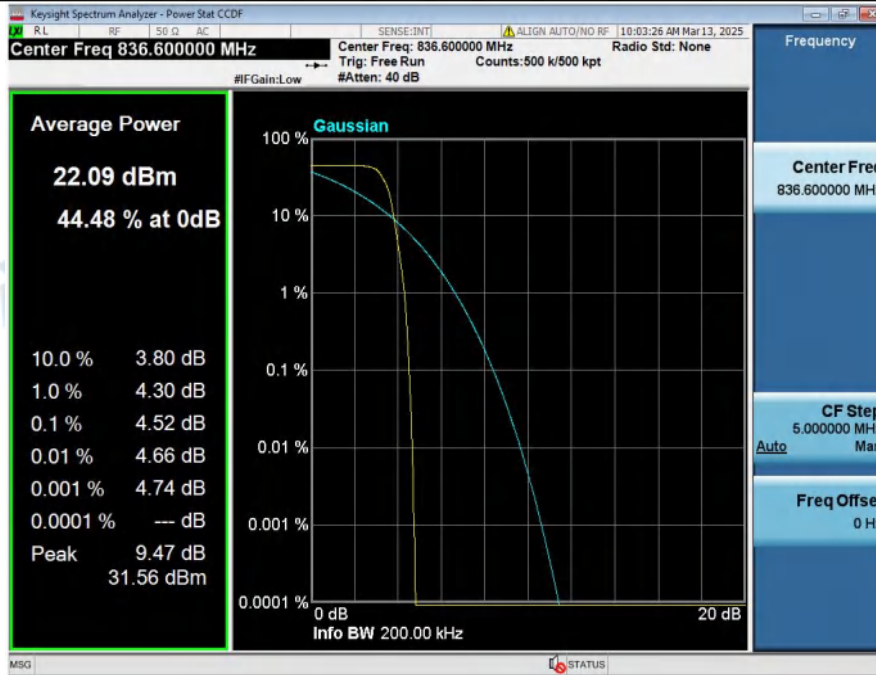
SA_65_NT_NV_0 EGPRS GSM 850 200k 8PSK Class12_CH251



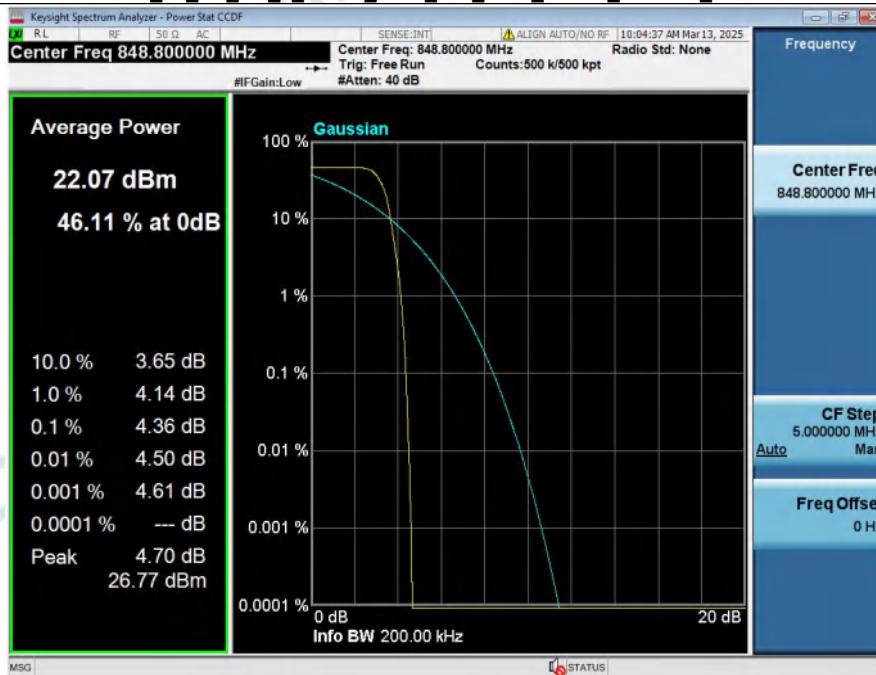
SA_65_NT_NV_0 GPRS GSM 850 200k GMSK Class12_CH128



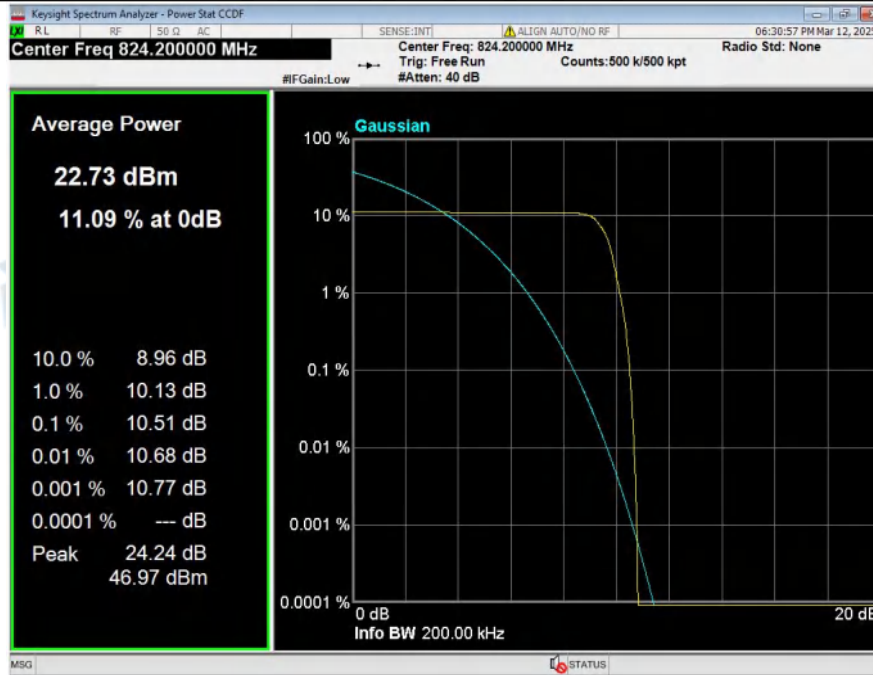
SA_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH190



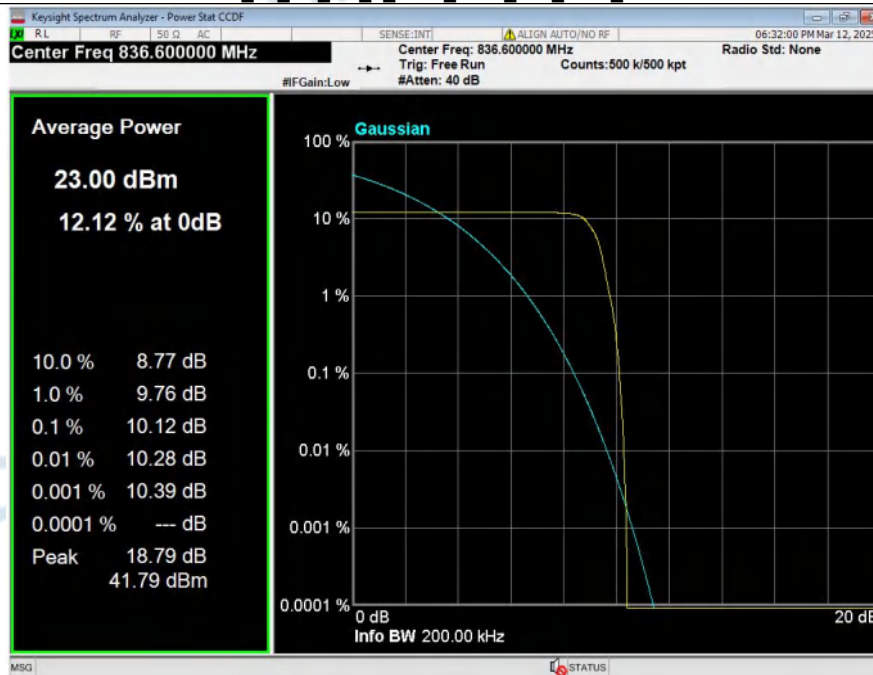
SA_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH251

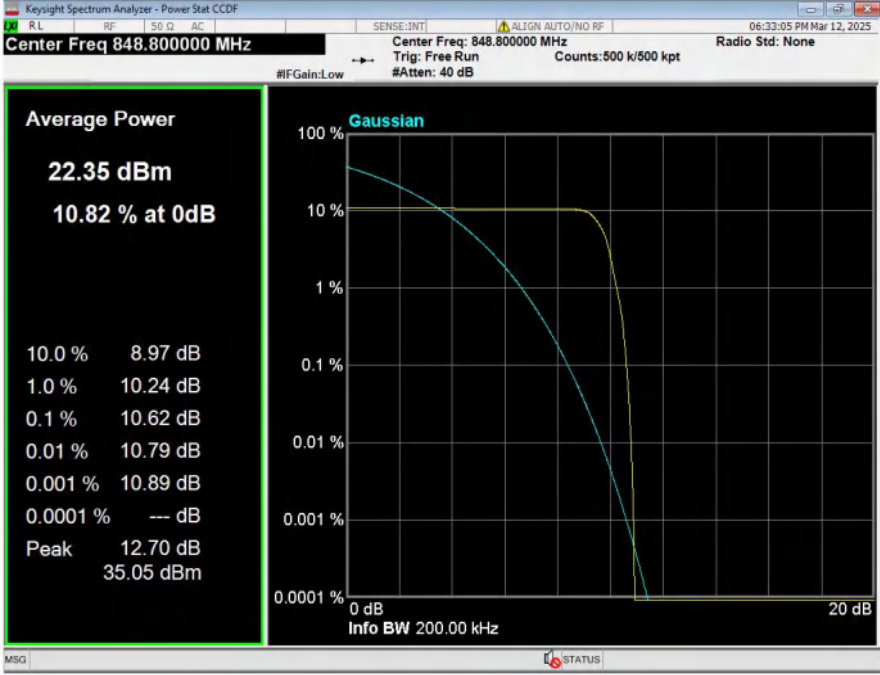


SA 65_NT_NV_0 GSM GSM 850 200k CH128



SA 65_NT_NV_0 GSM GSM 850 200k CH190

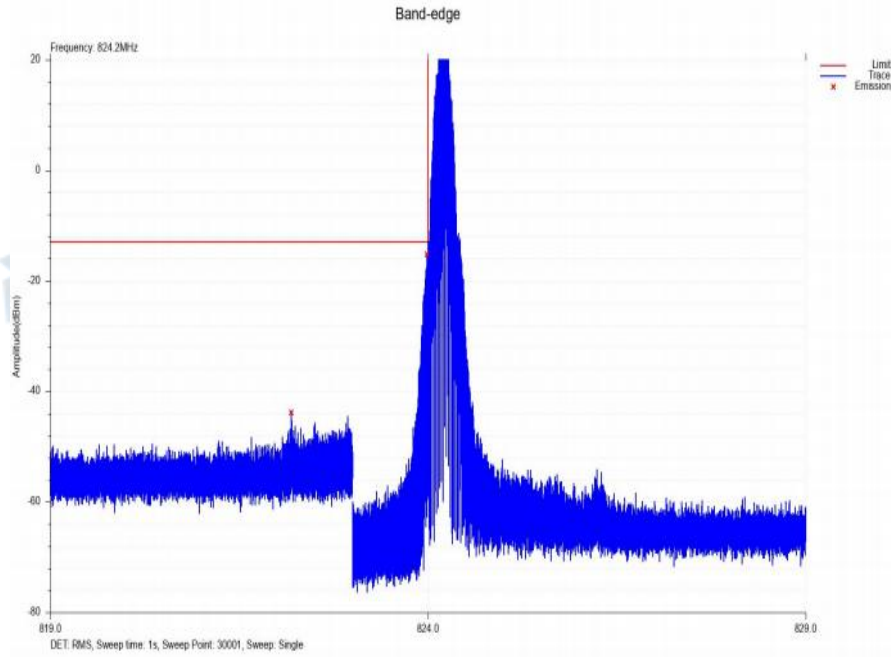




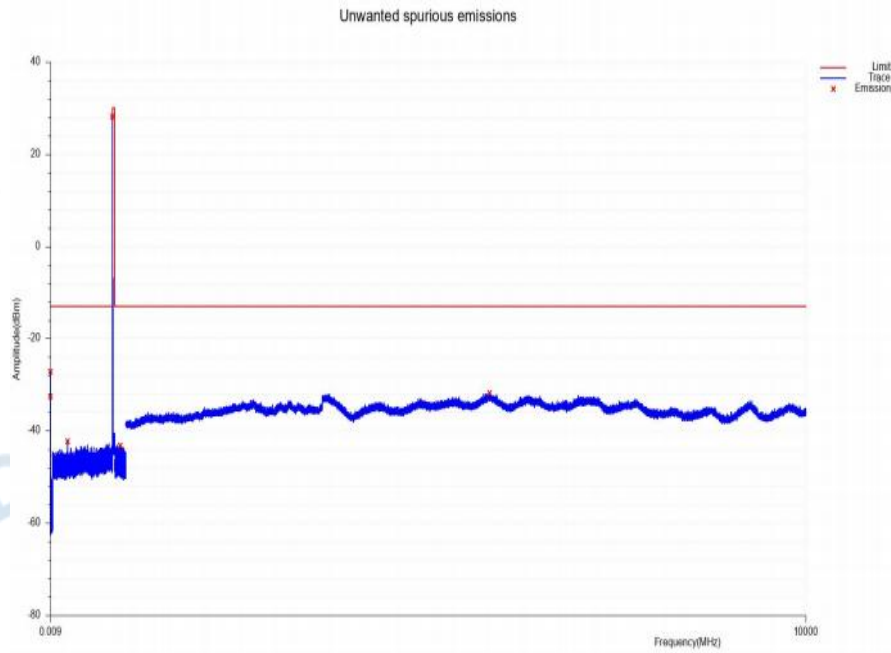
5. Unwanted Spurious Emission

Condition	Services	Modulation	Frequency (MHz)	RBW (kHz)	Test Freq Range (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Result
NVNT	EGPRS	8PSK	824.20	1000	819.0~823.0	822.193	-43.80	-13	Pass
NVNT	EGPRS	8PSK	824.20	3	823.0~824.0	823.982	-15.13	-13	Pass
NVNT	EGPRS	8PSK	824.20	1	0.009~0.150	0.009	-27.16	-13	Pass
NVNT	EGPRS	8PSK	824.20	10	0.150~30.000	0.151	-32.55	-13	Pass
NVNT	EGPRS	8PSK	824.20	100	30.000~819.000	226.724	-42.30	-13	Pass
NVNT	EGPRS	8PSK	824.20	100	854~1000	924.226	-43.15	-13	Pass
NVNT	EGPRS	8PSK	824.20	1000	1000~10000	5816.800	-31.80	-13	Pass
NVNT	EGPRS	8PSK	836.60	1	0.009~0.150	0.009	-26.20	-13	Pass
NVNT	EGPRS	8PSK	836.60	10	0.150~30.000	0.155	-33.66	-13	Pass
NVNT	EGPRS	8PSK	836.60	100	30.000~819.000	789.044	-42.95	-13	Pass
NVNT	EGPRS	8PSK	836.60	100	854~1000	911.543	-42.96	-13	Pass
NVNT	EGPRS	8PSK	836.60	1000	1000~10000	5825.500	-31.62	-13	Pass
NVNT	EGPRS	8PSK	848.80	3	849.0~850.0	849.017	-16.00	-13	Pass
NVNT	EGPRS	8PSK	848.80	1000	850.0~854.0	850.065	-43.74	-13	Pass
NVNT	EGPRS	8PSK	848.80	1	0.009~0.150	0.010	-27.37	-13	Pass
NVNT	EGPRS	8PSK	848.80	10	0.150~30.000	0.150	-33.34	-13	Pass
NVNT	EGPRS	8PSK	848.80	100	30.000~819.000	422.869	-42.99	-13	Pass
NVNT	EGPRS	8PSK	848.80	100	854~1000	908.813	-43.02	-13	Pass
NVNT	EGPRS	8PSK	848.80	1000	1000~10000	3644.200	-31.78	-13	Pass
NVNT	GPRS	GMSK	824.20	1000	819.0~823.0	822.991	-44.27	-13	Pass
NVNT	GPRS	GMSK	824.20	3	823.0~824.0	823.996	-17.28	-13	Pass
NVNT	GPRS	GMSK	824.20	1	0.009~0.150	0.010	-26.20	-13	Pass
NVNT	GPRS	GMSK	824.20	10	0.150~30.000	0.152	-33.54	-13	Pass
NVNT	GPRS	GMSK	824.20	100	30.000~819.000	782.811	-42.02	-13	Pass
NVNT	GPRS	GMSK	824.20	100	854~1000	990.481	-43.53	-13	Pass
NVNT	GPRS	GMSK	824.20	1000	1000~10000	5820.100	-31.39	-13	Pass
NVNT	GPRS	GMSK	836.60	1	0.009~0.150	0.010	-27.11	-13	Pass
NVNT	GPRS	GMSK	836.60	10	0.150~30.000	0.150	-33.34	-13	Pass
NVNT	GPRS	GMSK	836.60	100	30.000~819.000	815.870	-41.45	-13	Pass
NVNT	GPRS	GMSK	836.60	100	854~1000	869.364	-42.35	-13	Pass
NVNT	GPRS	GMSK	836.60	1000	1000~10000	5799.100	-31.61	-13	Pass
NVNT	GPRS	GMSK	848.80	3	849.0~850.0	849.021	-18.41	-13	Pass
NVNT	GPRS	GMSK	848.80	1000	850.0~854.0	850.922	-44.34	-13	Pass
NVNT	GPRS	GMSK	848.80	1	0.009~0.150	0.009	-26.97	-13	Pass
NVNT	GPRS	GMSK	848.80	10	0.150~30.000	0.150	-33.09	-13	Pass
NVNT	GPRS	GMSK	848.80	100	30.000~819.000	806.823	-42.66	-13	Pass
NVNT	GPRS	GMSK	848.80	100	854~1000	938.286	-42.41	-13	Pass
NVNT	GPRS	GMSK	848.80	1000	1000~10000	5813.800	-31.75	-13	Pass
NVNT	GSM	GMSK	824.20	1000	819.0~823.0	822.969	-44.15	-13	Pass
NVNT	GSM	GMSK	824.20	3	823.0~824.0	823.996	-13.84	-13	Pass
NVNT	GSM	GMSK	848.80	3	849.0~850.0	849.005	-15.56	-13	Pass
NVNT	GSM	GMSK	848.80	1000	850.0~854.0	850.821	-43.70	-13	Pass
NVNT	GSM	GMSK	824.20	1	0.009~0.150	0.010	-26.19	-13	Pass
NVNT	GSM	GMSK	824.20	10	0.150~30.000	0.150	-32.88	-13	Pass
NVNT	GSM	GMSK	824.20	100	30.000~819.000	631.244	-42.97	-13	Pass
NVNT	GSM	GMSK	824.20	100	854~1000	974.109	-43.15	-13	Pass
NVNT	GSM	GMSK	824.20	1000	1000~10000	5803.000	-31.62	-13	Pass
NVNT	GSM	GMSK	836.60	1	0.009~0.150	0.009	-27.00	-13	Pass
NVNT	GSM	GMSK	836.60	10	0.150~30.000	0.150	-32.09	-13	Pass
NVNT	GSM	GMSK	836.60	100	30.000~819.000	809.874	-42.71	-13	Pass
NVNT	GSM	GMSK	836.60	100	854~1000	969.316	-42.82	-13	Pass
NVNT	GSM	GMSK	836.60	1000	1000~10000	5788.900	-31.59	-13	Pass
NVNT	GSM	GMSK	848.80	1	0.009~0.150	0.009	-25.83	-13	Pass
NVNT	GSM	GMSK	848.80	10	0.150~30.000	0.162	-33.37	-13	Pass
NVNT	GSM	GMSK	848.80	100	30.000~819.000	437.887	-42.62	-13	Pass
NVNT	GSM	GMSK	848.80	100	854~1000	858.920	-43.04	-13	Pass
NVNT	GSM	GMSK	848.80	1000	1000~10000	5794.600	-31.80	-13	Pass

LOW_EDGE_65_NT_NV_0 EGPRS_GSM_850_200k_8PSK_Class12_CH128

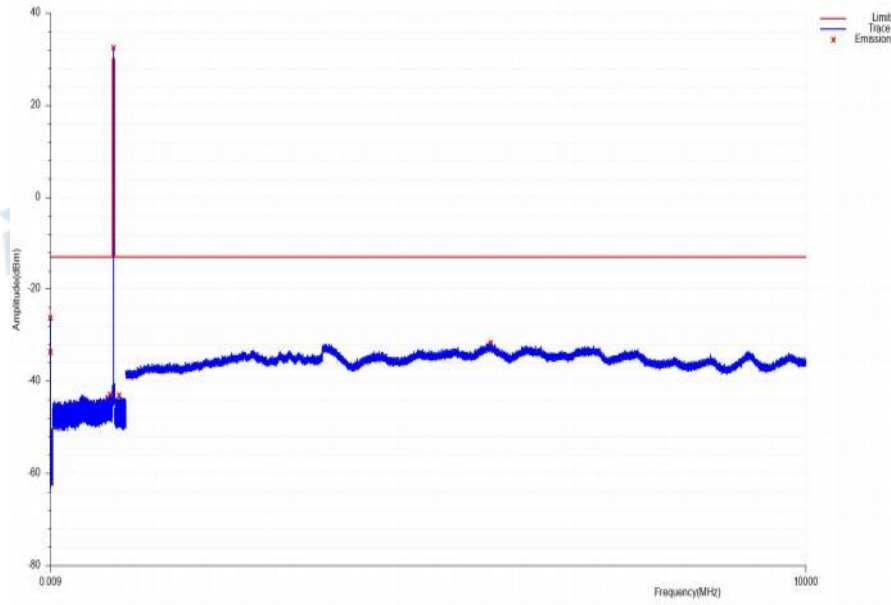


SA_65_NT_NV_0 EGPRS_GSM_850_200k_8PSK_Class12_CH128



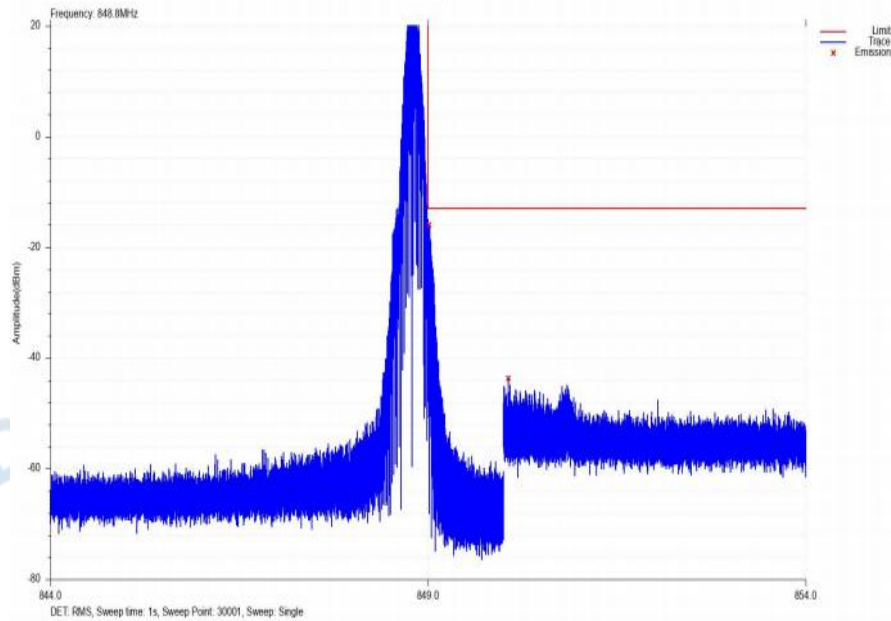
SA_65_NT_NV_0 EGPRS_GSM_850_200k_8PSK_Class12_CH190

Unwanted spurious emissions



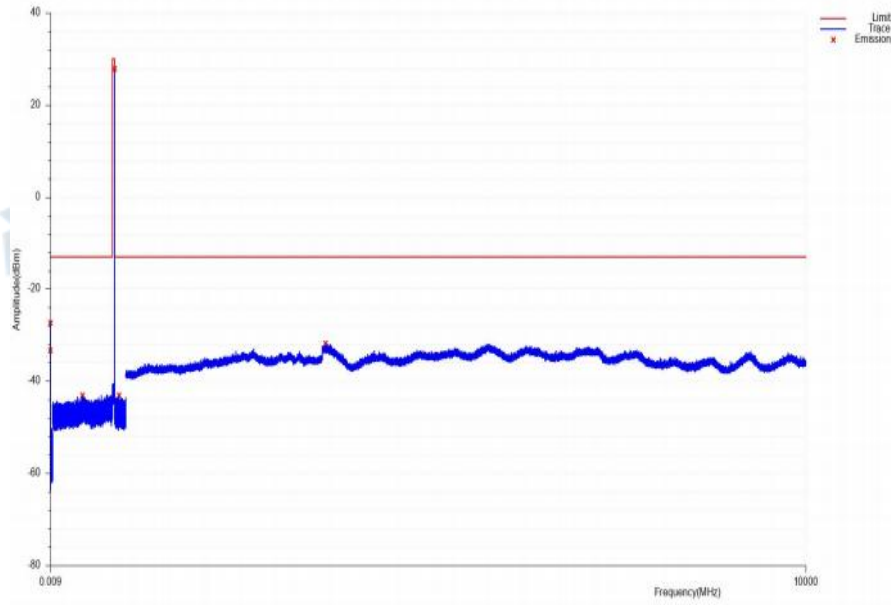
UPPER_EDGE_65_NT_NV_0 EGPRS_GSM_850_200k_8PSK_Class12_CH251

Band-edge



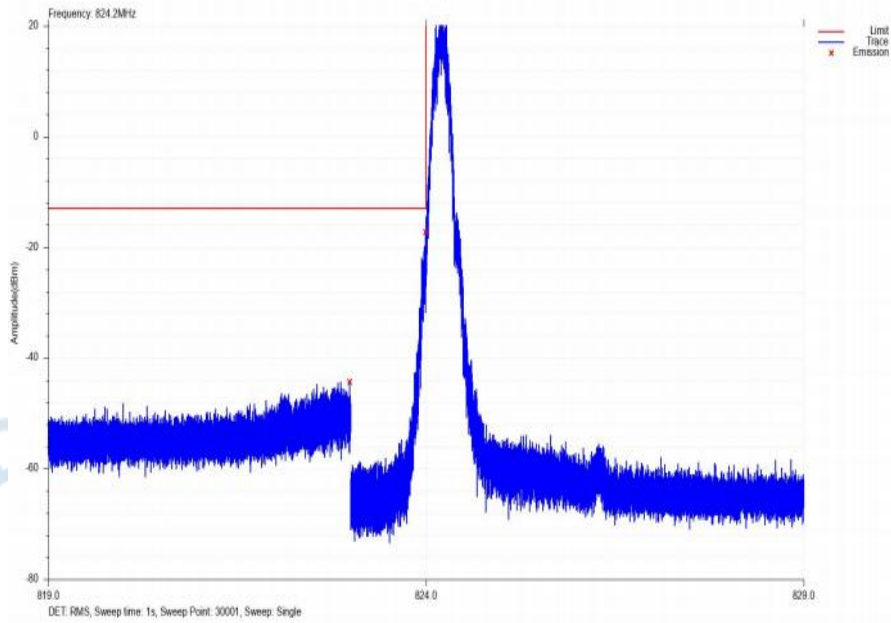
SA_65_NT_NV_0 EGPRS_GSM_850_200k_8PSK_Class12_CH251

Unwanted spurious emissions



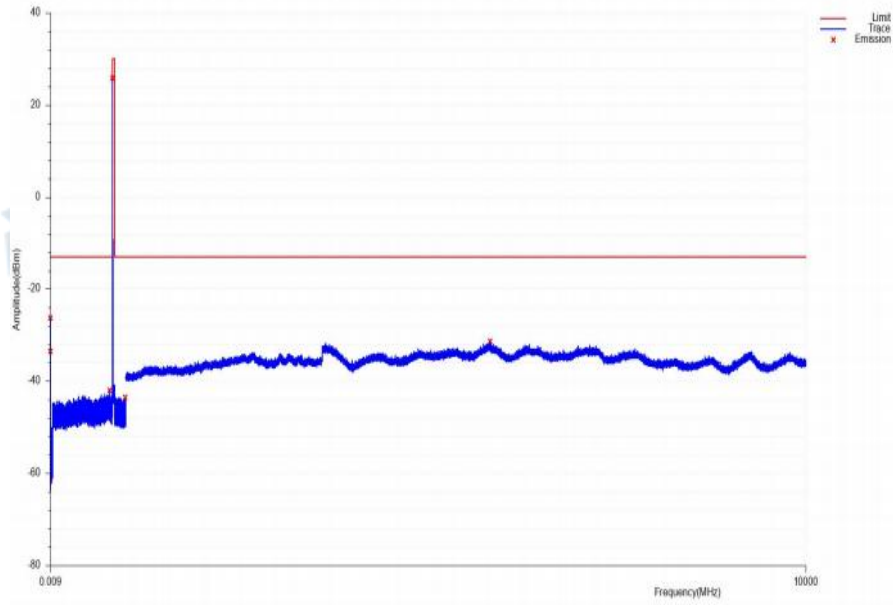
LOW_EDGE_65_NT_NV_0 GPRS_GSM_850_200k_GMSK_Class12_CH128

Band-edge



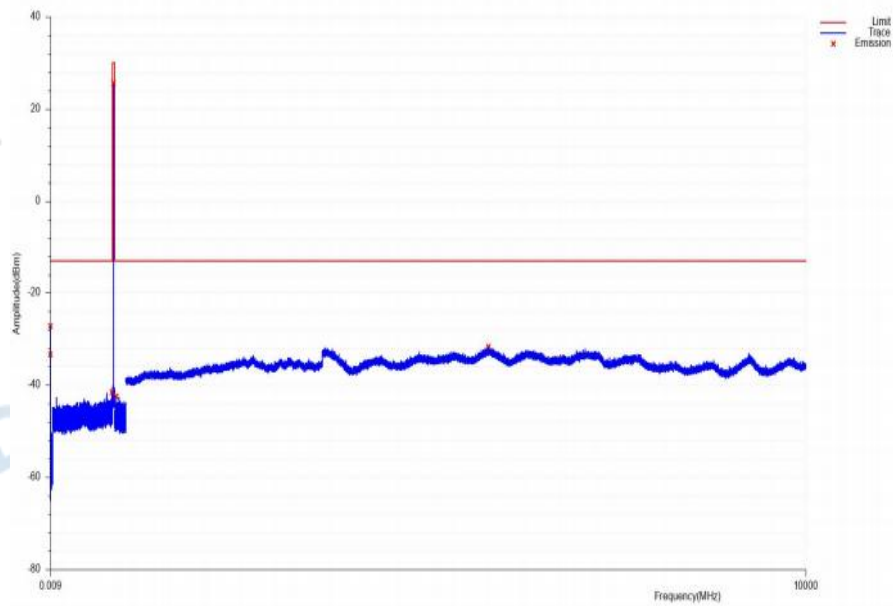
SA_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH128

Unwanted spurious emissions

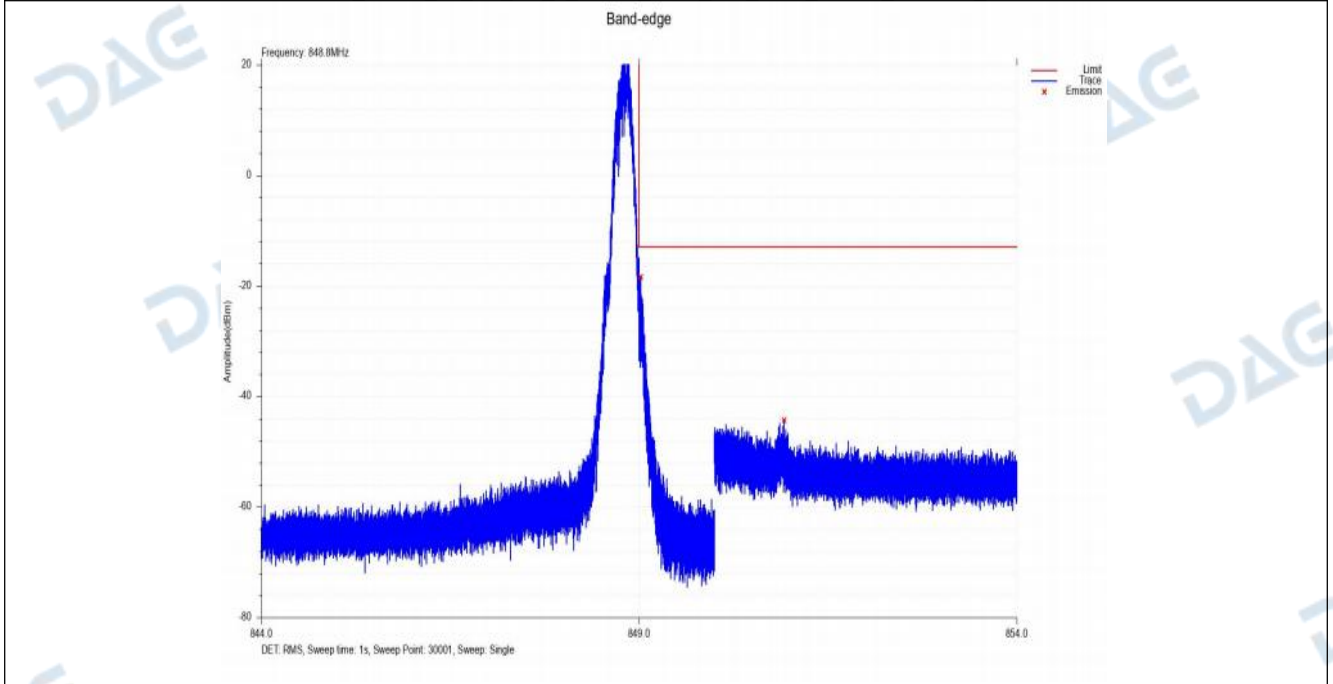


SA_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH190

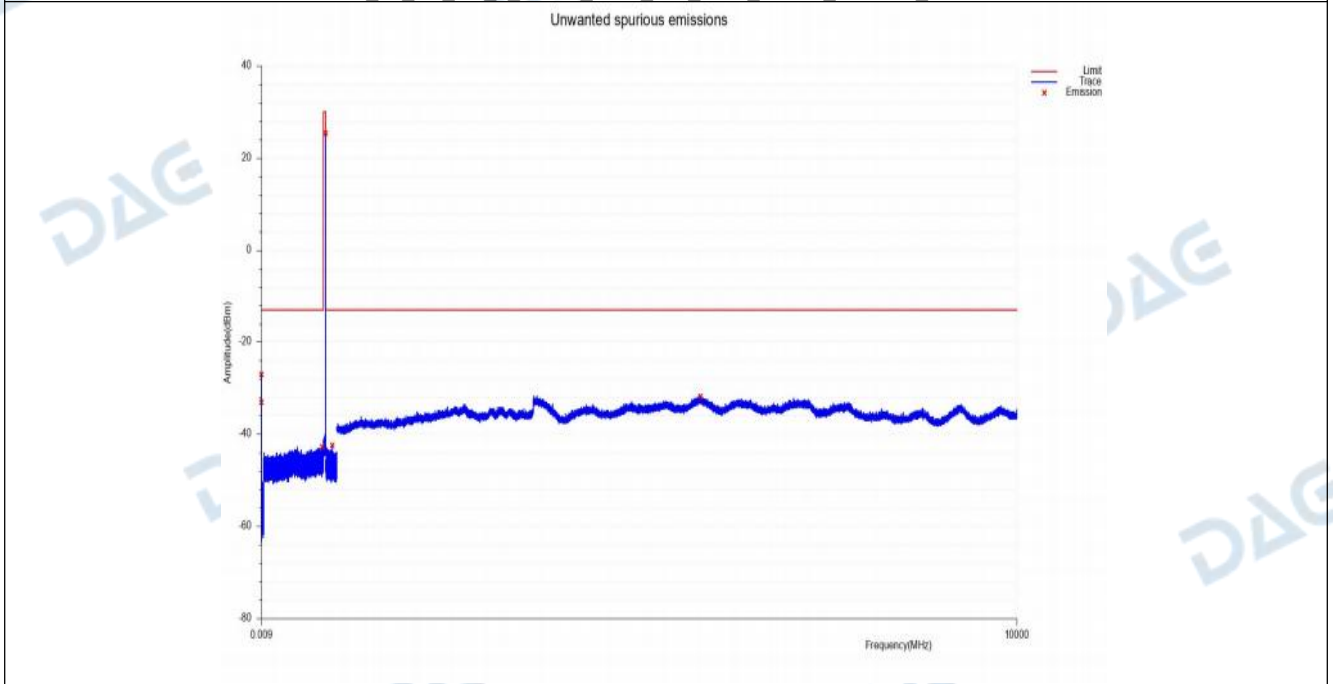
Unwanted spurious emissions



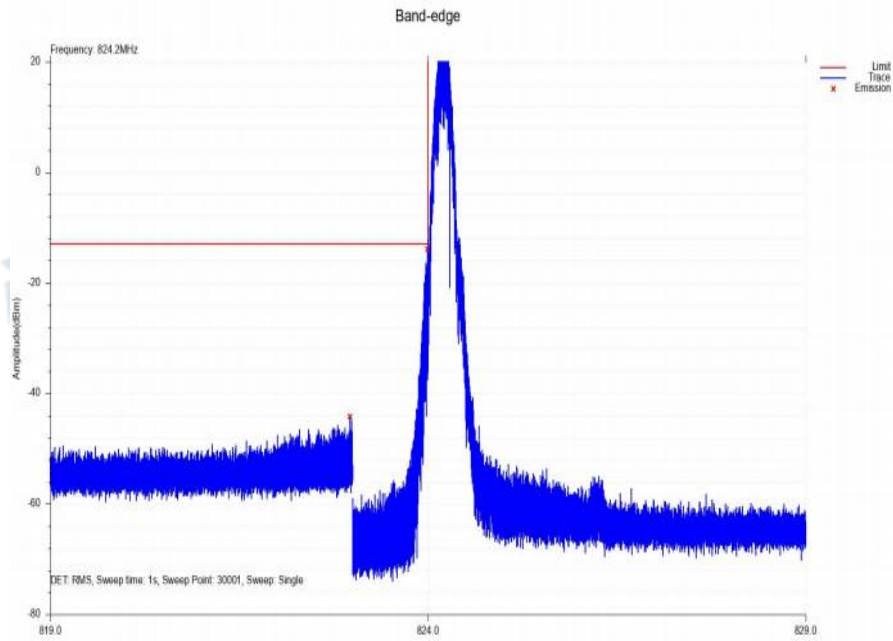
UPPER_EDGE_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH251



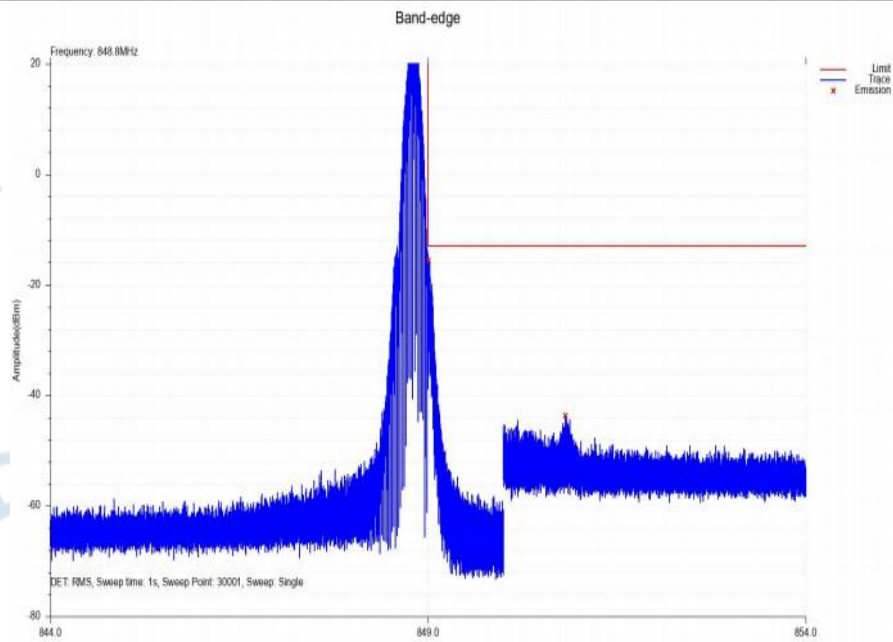
SA_65_NT_NV_0_GPRS_GSM_850_200k_GMSK_Class12_CH251



LOW_EDGE_65_NT_NV_0_GSM_850_GMSK_200k_CH128

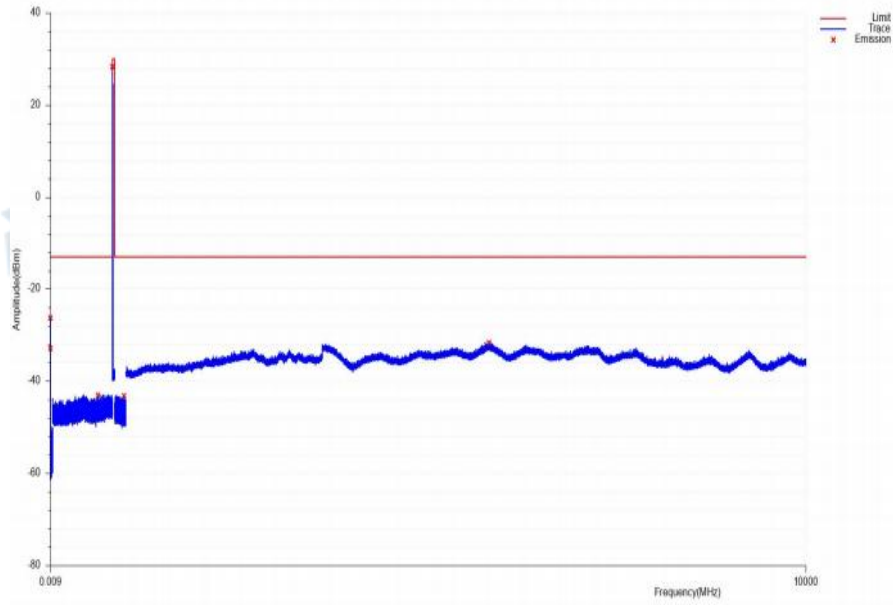


UPPER_EDGE_65_NT_NV_0_GSM_850_GMSK_200k



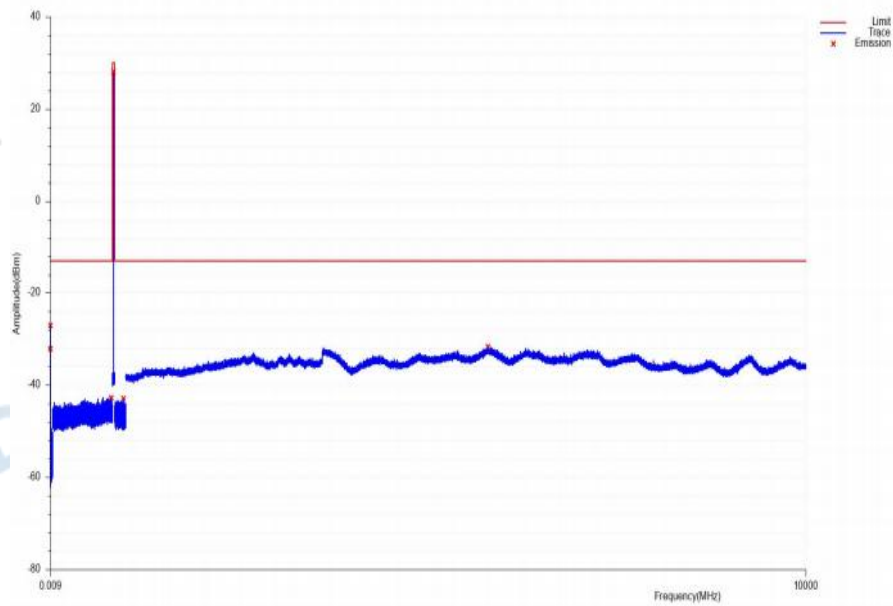
SA_65_NT_NV_0_GSM_850_GMSK_200k_CH128

Unwanted spurious emissions

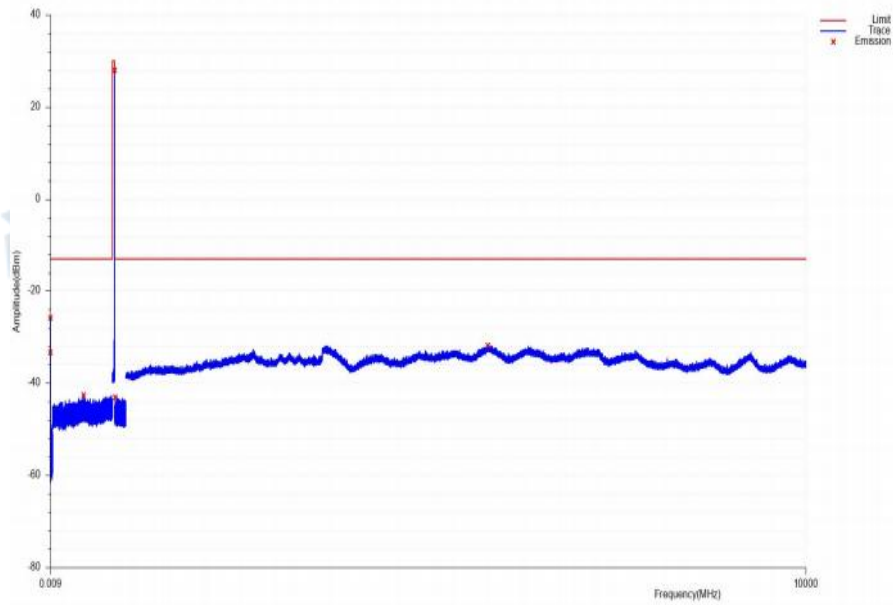


SA_65_NT_NV_0_GSM_850_GMSK_200k_CH190

Unwanted spurious emissions



Unwanted spurious emissions



6. Frequency Stability

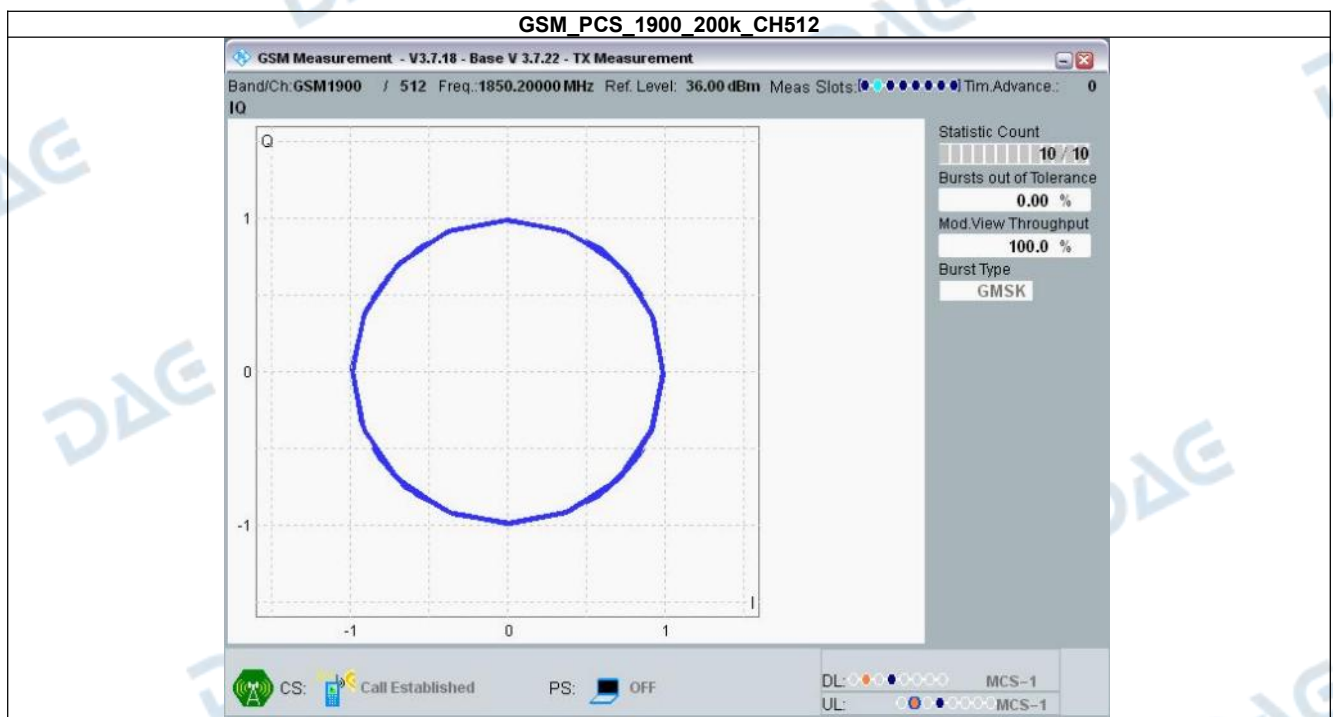
Condition	Services	Modulation	Frequency(MHz)	Freq. S (Hz)	Freq. S (ppm)	Limit(ppm)	Result
NV_NT	EGPRS	8PSK	824.2	-8.14	-0.0099	-2.5~2.5	Pass
NV_50C	EGPRS	8PSK	824.2	-9.40	-0.0114	-2.5~2.5	Pass
NV_40C	EGPRS	8PSK	824.2	-7.55	-0.0092	-2.5~2.5	Pass
NV_30C	EGPRS	8PSK	824.2	-6.39	-0.0078	-2.5~2.5	Pass
NV_20C	EGPRS	8PSK	824.2	-4.16	-0.0051	-2.5~2.5	Pass
NV_10C	EGPRS	8PSK	824.2	-2.87	-0.0035	-2.5~2.5	Pass
NV_0C	EGPRS	8PSK	824.2	-2.20	-0.0027	-2.5~2.5	Pass
NV_-10C	EGPRS	8PSK	824.2	-10.20	-0.0124	-2.5~2.5	Pass
NV_-20C	EGPRS	8PSK	824.2	-3.23	-0.0039	-2.5~2.5	Pass
LV_NT	EGPRS	8PSK	824.2	-5.52	-0.0067	-2.5~2.5	Pass
HV_NT	EGPRS	8PSK	824.2	-7.23	-0.0088	-2.5~2.5	Pass
NV_NT	EGPRS	8PSK	836.6	-10.07	-0.0120	-2.5~2.5	Pass
NV_50C	EGPRS	8PSK	836.6	-6.26	-0.0075	-2.5~2.5	Pass
NV_40C	EGPRS	8PSK	836.6	-11.91	-0.0142	-2.5~2.5	Pass
NV_30C	EGPRS	8PSK	836.6	-9.07	-0.0108	-2.5~2.5	Pass
NV_20C	EGPRS	8PSK	836.6	-5.46	-0.0065	-2.5~2.5	Pass
NV_10C	EGPRS	8PSK	836.6	-8.14	-0.0097	-2.5~2.5	Pass
NV_0C	EGPRS	8PSK	836.6	-5.91	-0.0071	-2.5~2.5	Pass
NV_-10C	EGPRS	8PSK	836.6	-7.01	-0.0084	-2.5~2.5	Pass
NV_-20C	EGPRS	8PSK	836.6	-5.49	-0.0066	-2.5~2.5	Pass
LV_NT	EGPRS	8PSK	836.6	-12.79	-0.0153	-2.5~2.5	Pass
HV_NT	EGPRS	8PSK	836.6	-6.62	-0.0079	-2.5~2.5	Pass
NV_NT	EGPRS	8PSK	848.8	-9.10	-0.0107	-2.5~2.5	Pass
NV_50C	EGPRS	8PSK	848.8	-4.42	-0.0052	-2.5~2.5	Pass
NV_40C	EGPRS	8PSK	848.8	-7.36	-0.0087	-2.5~2.5	Pass
NV_30C	EGPRS	8PSK	848.8	-4.65	-0.0055	-2.5~2.5	Pass
NV_20C	EGPRS	8PSK	848.8	-2.84	-0.0033	-2.5~2.5	Pass
NV_10C	EGPRS	8PSK	848.8	0.19	0.0002	-2.5~2.5	Pass
NV_0C	EGPRS	8PSK	848.8	-4.10	-0.0048	-2.5~2.5	Pass
NV_-10C	EGPRS	8PSK	848.8	-7.10	-0.0084	-2.5~2.5	Pass
NV_-20C	EGPRS	8PSK	848.8	-2.81	-0.0033	-2.5~2.5	Pass
LV_NT	EGPRS	8PSK	848.8	-6.23	-0.0073	-2.5~2.5	Pass
HV_NT	EGPRS	8PSK	848.8	-8.65	-0.0102	-2.5~2.5	Pass
NV_NT	GPRS	GMSK	824.2	-3.87	-0.0047	-2.5~2.5	Pass
NV_50C	GPRS	GMSK	824.2	-0.94	-0.0011	-2.5~2.5	Pass
NV_40C	GPRS	GMSK	824.2	-1.10	-0.0013	-2.5~2.5	Pass
NV_30C	GPRS	GMSK	824.2	0.71	0.0009	-2.5~2.5	Pass
NV_20C	GPRS	GMSK	824.2	2.65	0.0032	-2.5~2.5	Pass
NV_10C	GPRS	GMSK	824.2	4.55	0.0055	-2.5~2.5	Pass
NV_0C	GPRS	GMSK	824.2	-0.32	-0.0004	-2.5~2.5	Pass
NV_-10C	GPRS	GMSK	824.2	-1.10	-0.0013	-2.5~2.5	Pass
NV_-20C	GPRS	GMSK	824.2	-2.00	-0.0024	-2.5~2.5	Pass
LV_NT	GPRS	GMSK	824.2	-2.00	-0.0024	-2.5~2.5	Pass
HV_NT	GPRS	GMSK	824.2	3.13	0.0038	-2.5~2.5	Pass
NV_NT	GPRS	GMSK	836.6	2.00	0.0024	-2.5~2.5	Pass
NV_50C	GPRS	GMSK	836.6	-7.97	-0.0095	-2.5~2.5	Pass
NV_40C	GPRS	GMSK	836.6	-2.36	-0.0028	-2.5~2.5	Pass
NV_30C	GPRS	GMSK	836.6	-2.39	-0.0029	-2.5~2.5	Pass
NV_20C	GPRS	GMSK	836.6	-2.91	-0.0035	-2.5~2.5	Pass
NV_10C	GPRS	GMSK	836.6	0.71	0.0008	-2.5~2.5	Pass
NV_0C	GPRS	GMSK	836.6	-5.13	-0.0061	-2.5~2.5	Pass
NV_-10C	GPRS	GMSK	836.6	-2.91	-0.0035	-2.5~2.5	Pass
NV_-20C	GPRS	GMSK	836.6	-4.29	-0.0051	-2.5~2.5	Pass
LV_NT	GPRS	GMSK	836.6	-3.20	-0.0038	-2.5~2.5	Pass
HV_NT	GPRS	GMSK	836.6	-2.62	-0.0031	-2.5~2.5	Pass
NV_NT	GPRS	GMSK	848.8	-2.07	-0.0024	-2.5~2.5	Pass
NV_50C	GPRS	GMSK	848.8	0.36	0.0004	-2.5~2.5	Pass
NV_40C	GPRS	GMSK	848.8	3.03	0.0036	-2.5~2.5	Pass
NV_30C	GPRS	GMSK	848.8	-3.62	-0.0043	-2.5~2.5	Pass
NV_20C	GPRS	GMSK	848.8	-3.49	-0.0041	-2.5~2.5	Pass
NV_10C	GPRS	GMSK	848.8	-6.04	-0.0071	-2.5~2.5	Pass
NV_0C	GPRS	GMSK	848.8	-3.16	-0.0037	-2.5~2.5	Pass
NV_-10C	GPRS	GMSK	848.8	1.49	0.0017	-2.5~2.5	Pass
NV_-20C	GPRS	GMSK	848.8	-5.59	-0.0066	-2.5~2.5	Pass
LV_NT	GPRS	GMSK	848.8	-3.45	-0.0041	-2.5~2.5	Pass
HV_NT	GPRS	GMSK	848.8	-0.36	-0.0004	-2.5~2.5	Pass
NV_NT	GSM	GSM	824.2	-8.72	-0.0106	-2.5~2.5	Pass
NV_50C	GSM	GSM	824.2	-7.36	-0.0089	-2.5~2.5	Pass
NV_40C	GSM	GSM	824.2	-7.30	-0.0089	-2.5~2.5	Pass
NV_30C	GSM	GSM	824.2	-10.01	-0.0121	-2.5~2.5	Pass
NV_20C	GSM	GSM	824.2	-10.98	-0.0133	-2.5~2.5	Pass
NV_10C	GSM	GSM	824.2	-6.62	-0.0080	-2.5~2.5	Pass

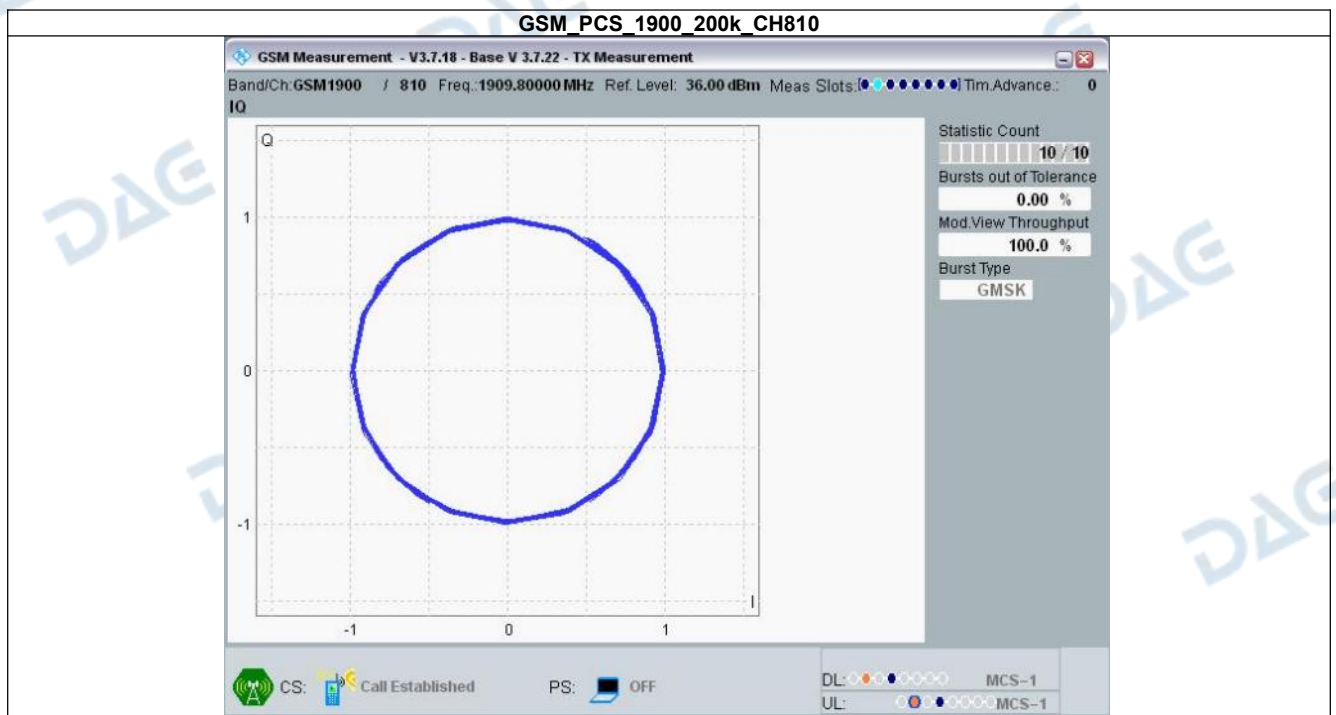
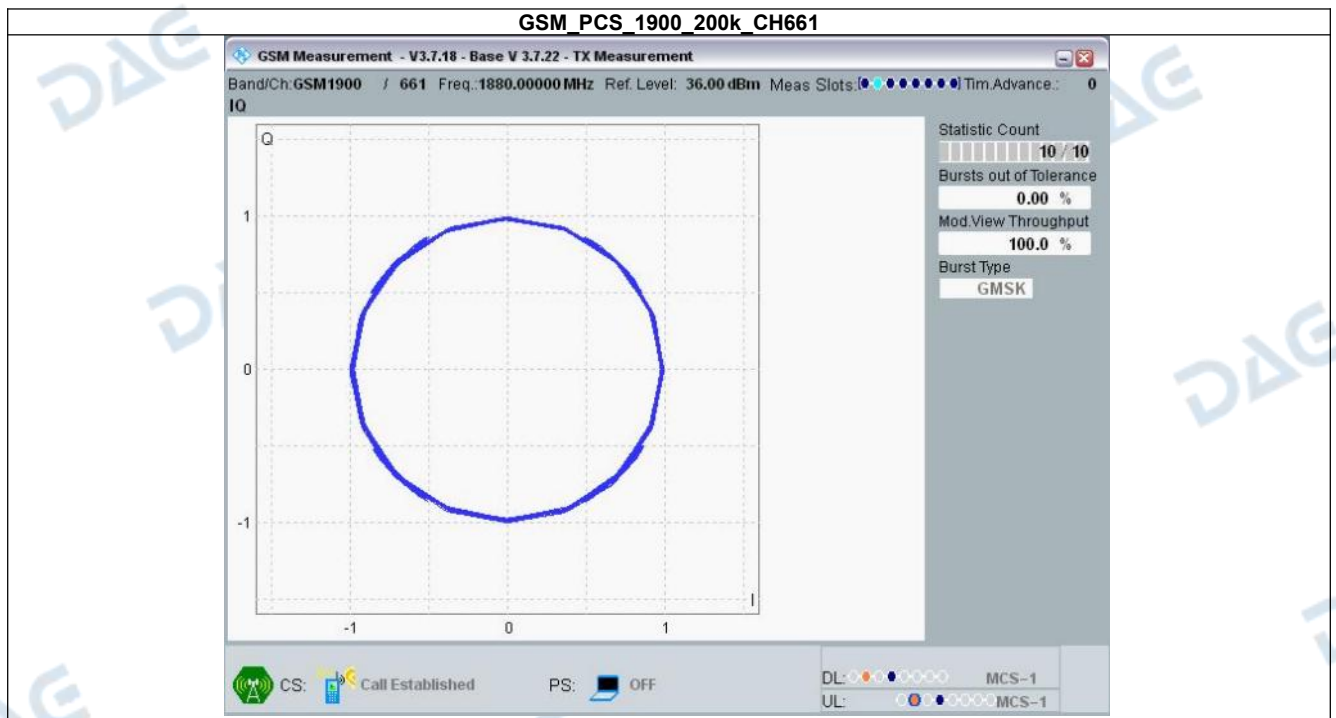
NV_0C	GSM	GSM	824.2	-6.33	-0.0077	-2.5~2.5	Pass
NV_-10C	GSM	GSM	824.2	-5.07	-0.0062	-2.5~2.5	Pass
NV_-20C	GSM	GSM	824.2	-9.33	-0.0113	-2.5~2.5	Pass
LV_NT	GSM	GSM	824.2	-7.62	-0.0092	-2.5~2.5	Pass
HV_NT	GSM	GSM	824.2	-13.17	-0.0160	-2.5~2.5	Pass
NV_NT	GSM	GSM	836.6	-3.97	-0.0047	-2.5~2.5	Pass
NV_50C	GSM	GSM	836.6	-4.75	-0.0057	-2.5~2.5	Pass
NV_40C	GSM	GSM	836.6	-9.33	-0.0112	-2.5~2.5	Pass
NV_30C	GSM	GSM	836.6	-6.30	-0.0075	-2.5~2.5	Pass
NV_20C	GSM	GSM	836.6	-9.14	-0.0109	-2.5~2.5	Pass
NV_10C	GSM	GSM	836.6	-7.75	-0.0093	-2.5~2.5	Pass
NV_0C	GSM	GSM	836.6	-12.40	-0.0148	-2.5~2.5	Pass
NV_-10C	GSM	GSM	836.6	-7.62	-0.0091	-2.5~2.5	Pass
NV_-20C	GSM	GSM	836.6	-9.49	-0.0113	-2.5~2.5	Pass
LV_NT	GSM	GSM	836.6	-4.88	-0.0058	-2.5~2.5	Pass
HV_NT	GSM	GSM	836.6	-10.17	-0.0122	-2.5~2.5	Pass
NV_NT	GSM	GSM	848.8	-6.36	-0.0075	-2.5~2.5	Pass
NV_50C	GSM	GSM	848.8	-6.20	-0.0073	-2.5~2.5	Pass
NV_40C	GSM	GSM	848.8	-7.75	-0.0091	-2.5~2.5	Pass
NV_30C	GSM	GSM	848.8	-11.43	-0.0135	-2.5~2.5	Pass
NV_20C	GSM	GSM	848.8	-0.68	-0.0008	-2.5~2.5	Pass
NV_10C	GSM	GSM	848.8	-9.43	-0.0111	-2.5~2.5	Pass
NV_0C	GSM	GSM	848.8	-0.19	-0.0002	-2.5~2.5	Pass
NV_-10C	GSM	GSM	848.8	0.84	0.0010	-2.5~2.5	Pass
NV_-20C	GSM	GSM	848.8	-1.74	-0.0021	-2.5~2.5	Pass
LV_NT	GSM	GSM	848.8	-2.65	-0.0031	-2.5~2.5	Pass
HV_NT	GSM	GSM	848.8	-8.14	-0.0096	-2.5~2.5	Pass

Test Data-PCS 1900

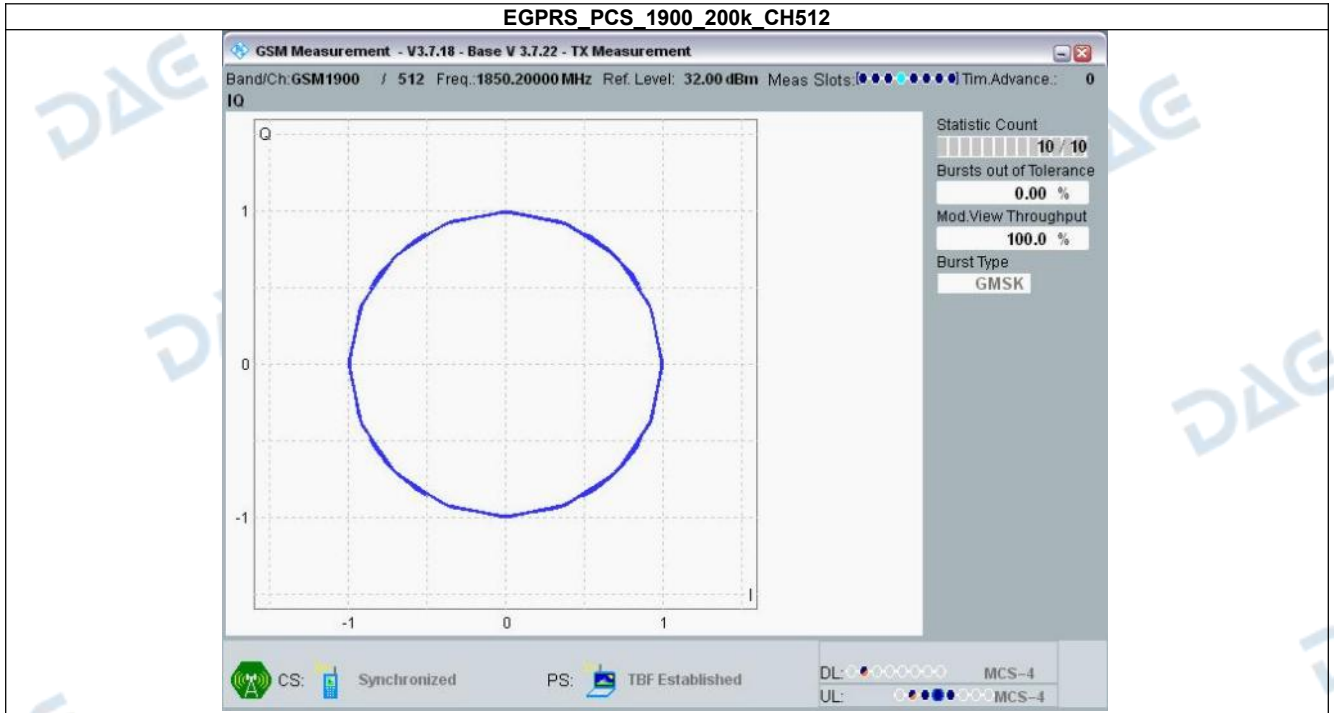
1. Modulation Characteristics

Band	Services	Modulation	Frequency(MHz)	Result
PCS 1900	GSM	GMSK	1850.2	See the photograph
PCS 1900	GSM	GMSK	1880.0	See the photograph
PCS 1900	GSM	GMSK	1909.8	See the photograph
PCS 1900	EGPRS	GMSK	1850.2	See the photograph
PCS 1900	EGPRS	8PSK	1850.2	See the photograph
PCS 1900	EGPRS	GMSK	1880.0	See the photograph
PCS 1900	EGPRS	8PSK	1880.0	See the photograph
PCS 1900	EGPRS	GMSK	1909.8	See the photograph
PCS 1900	EGPRS	8PSK	1909.8	See the photograph
PCS 1900	GPRS	GMSK	1850.2	See the photograph
PCS 1900	GPRS	GMSK	1880.0	See the photograph
PCS 1900	GPRS	GMSK	1909.8	See the photograph

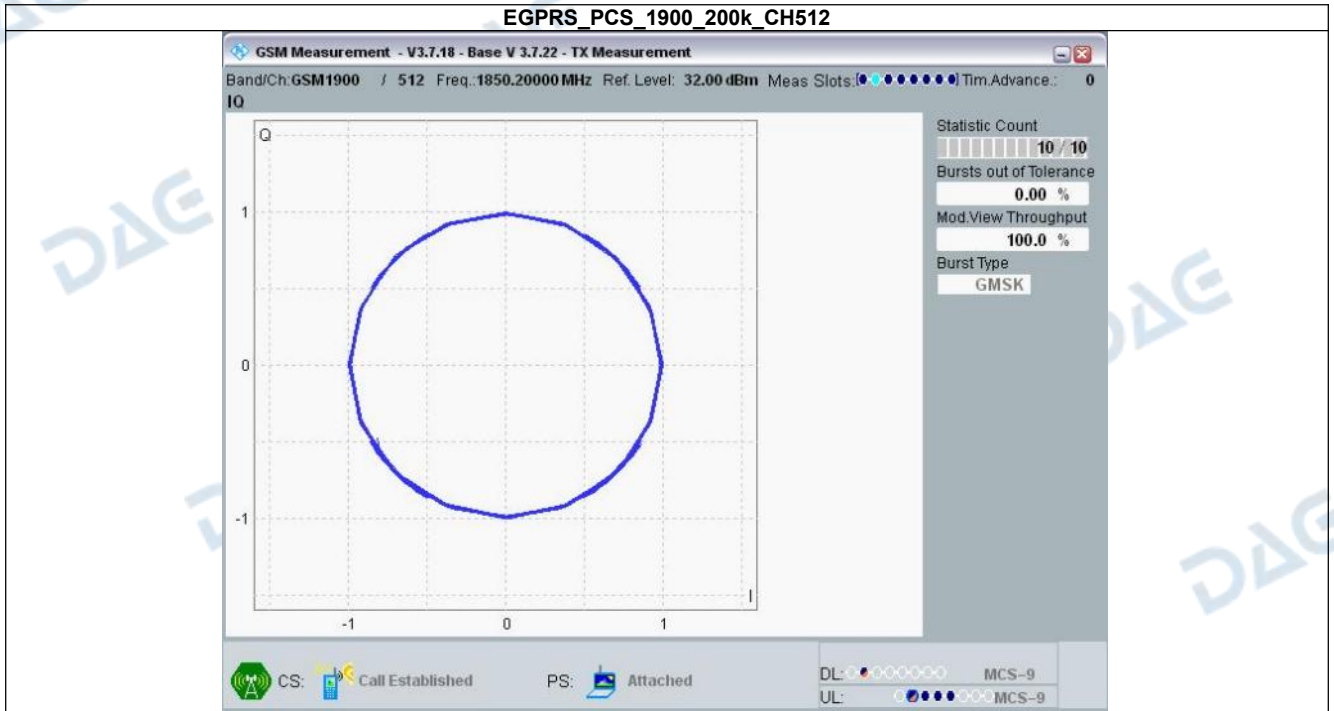




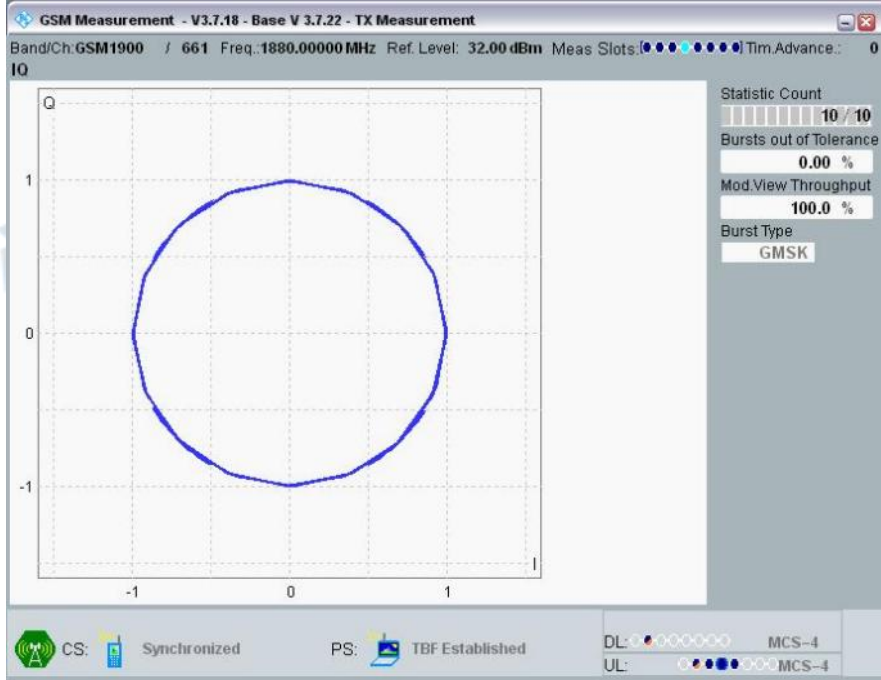
EGPRS PCS 1900 200k CH512



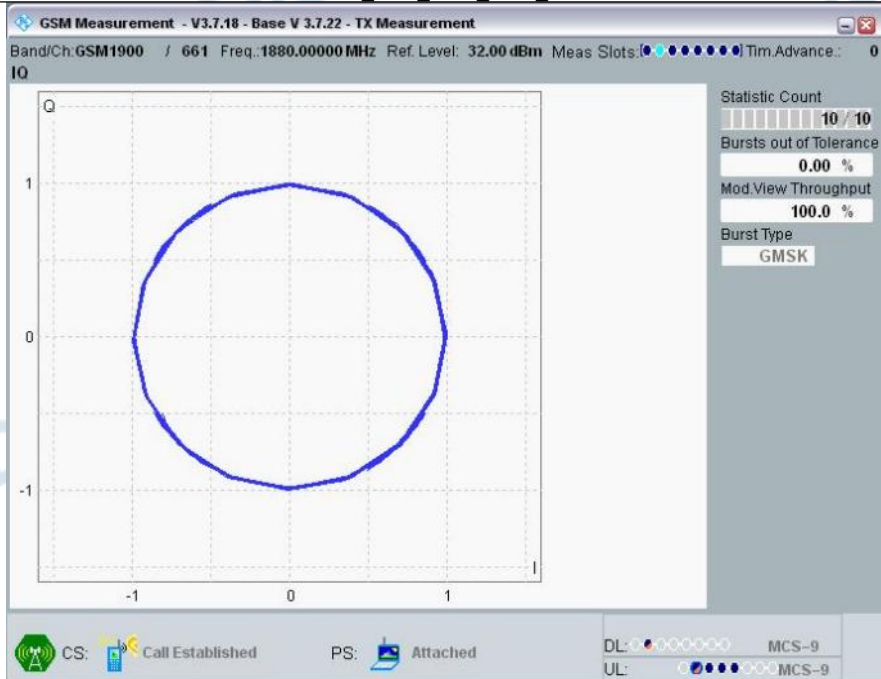
EGPRS PCS 1900 200k CH512

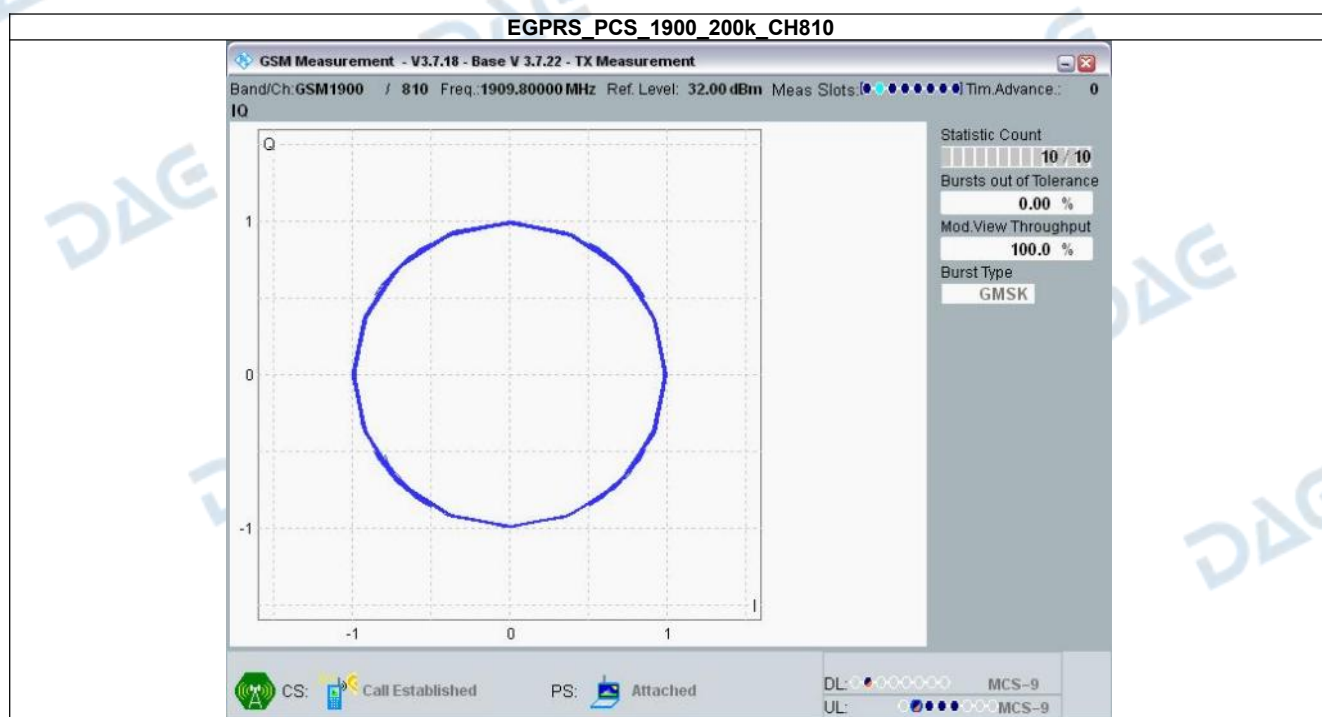
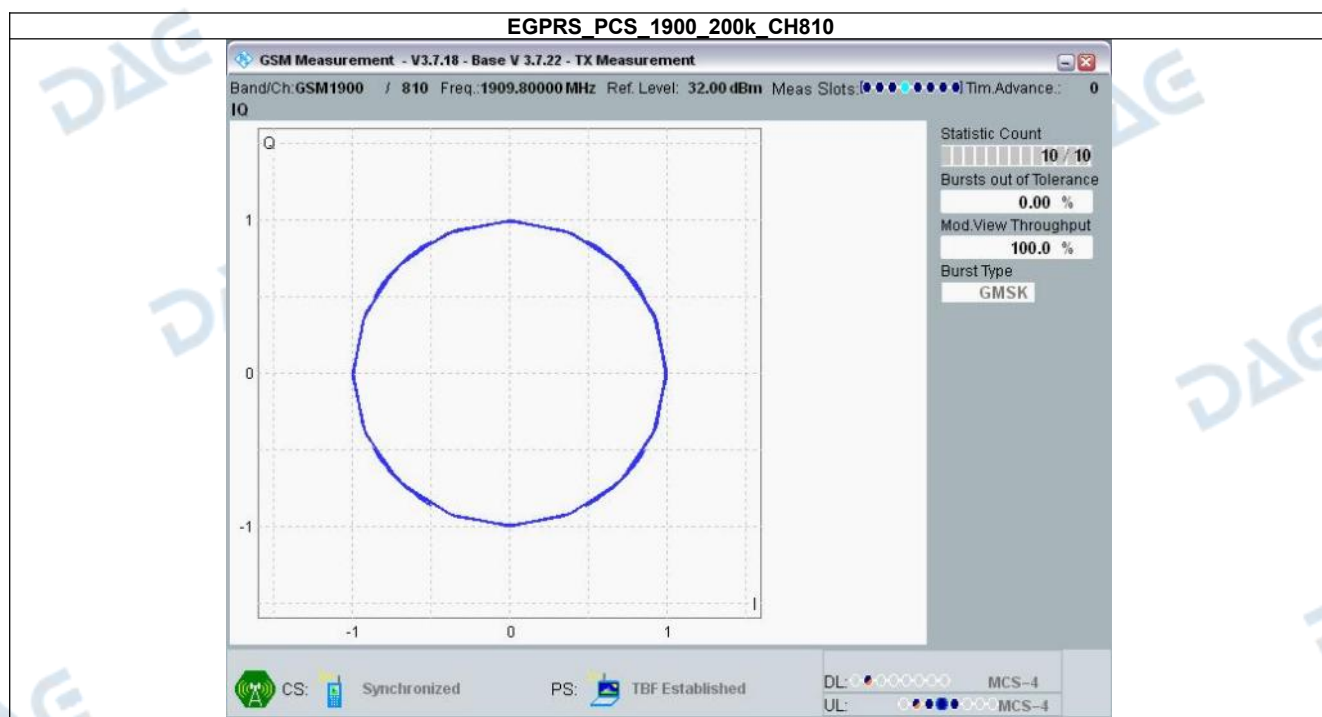


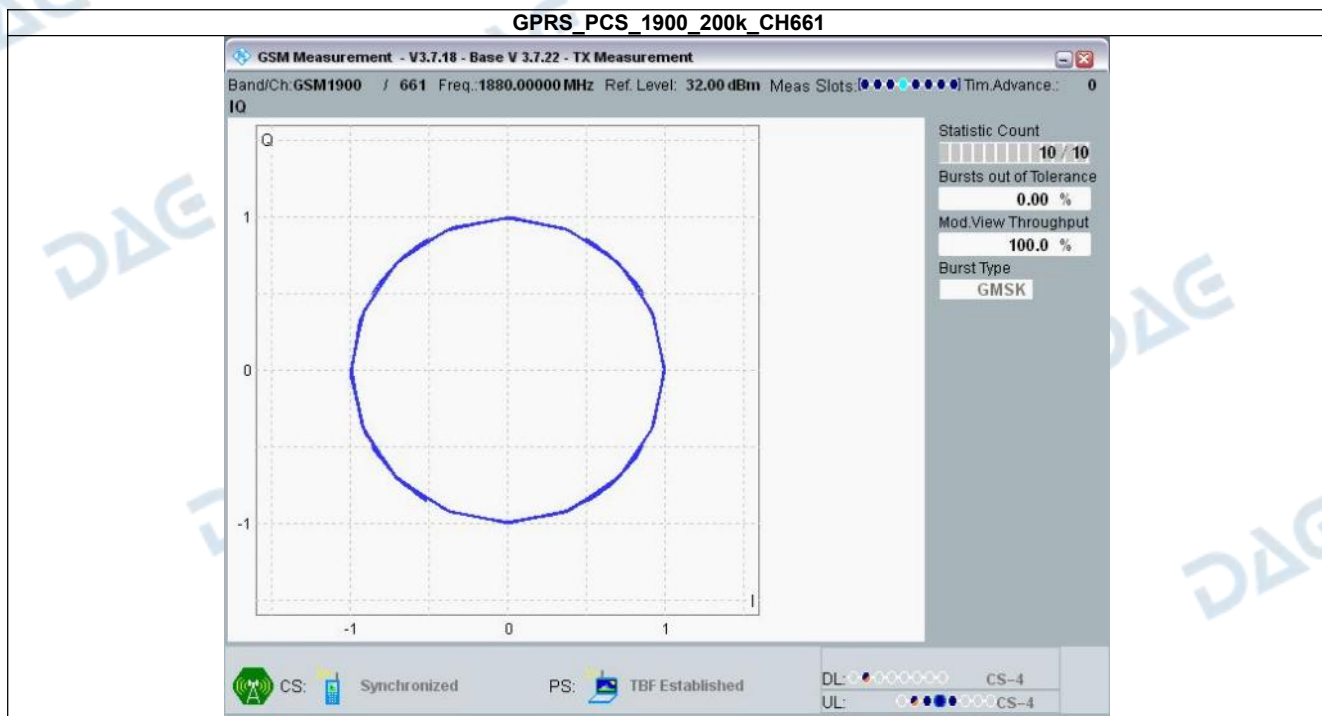
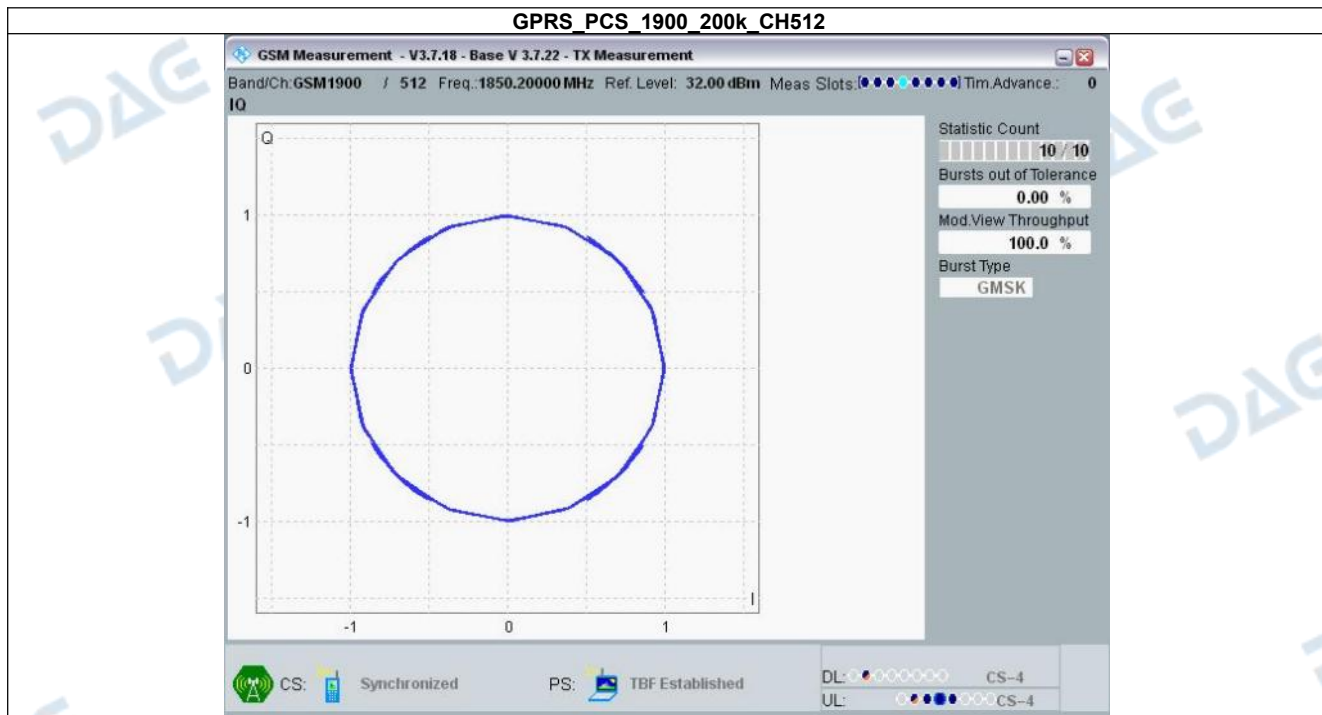
EGPRS_PCS_1900_200k_CH661

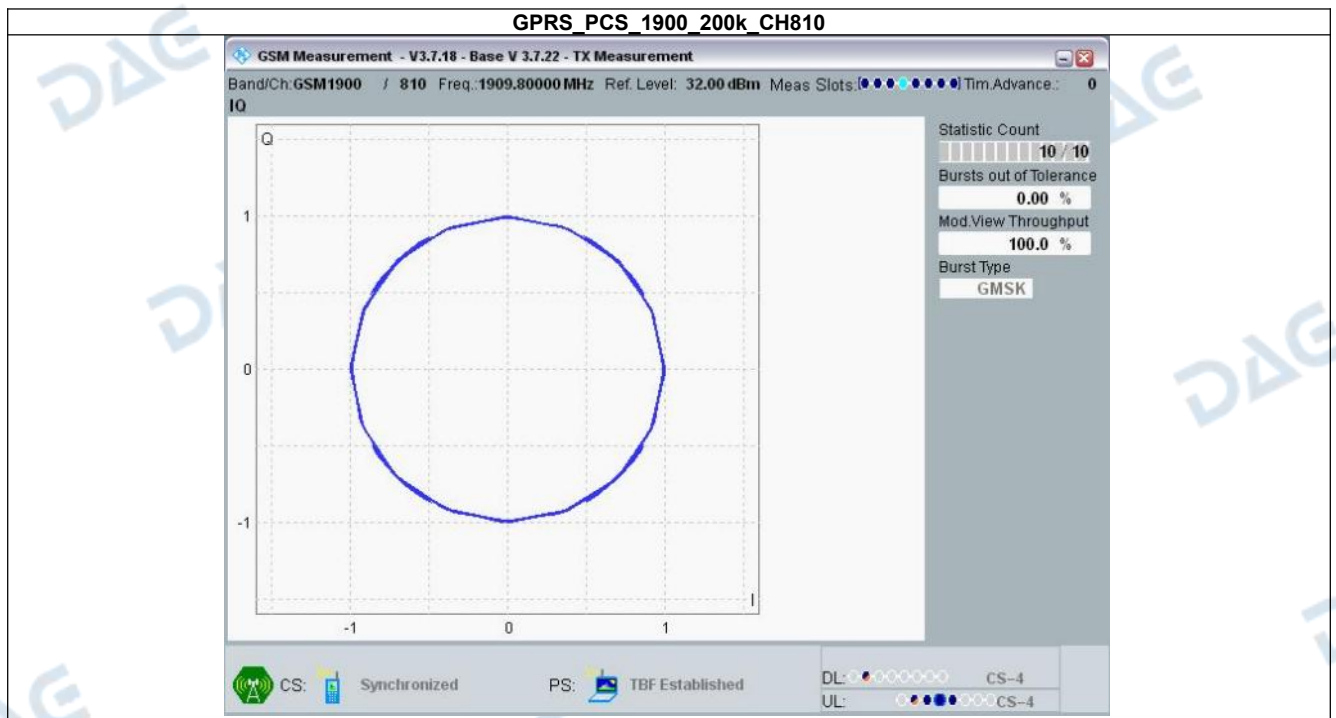


EGPRS_PCS_1900_200k_CH661









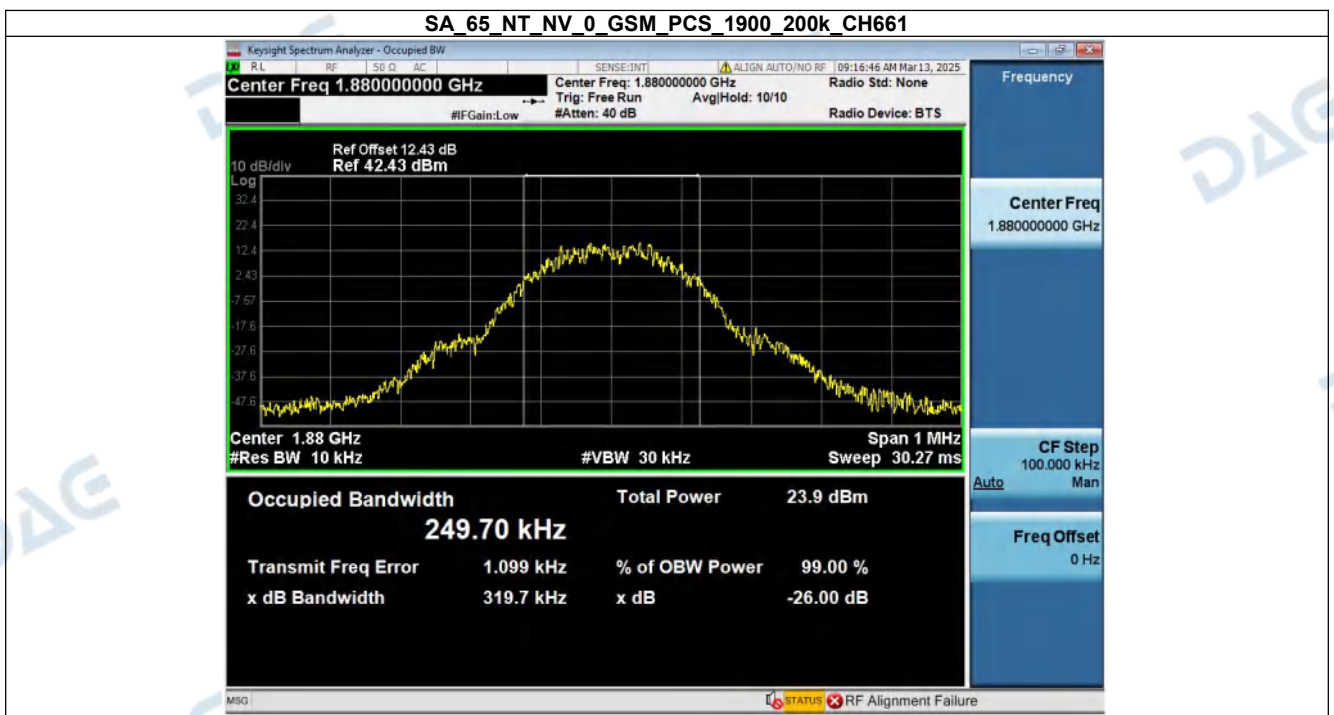
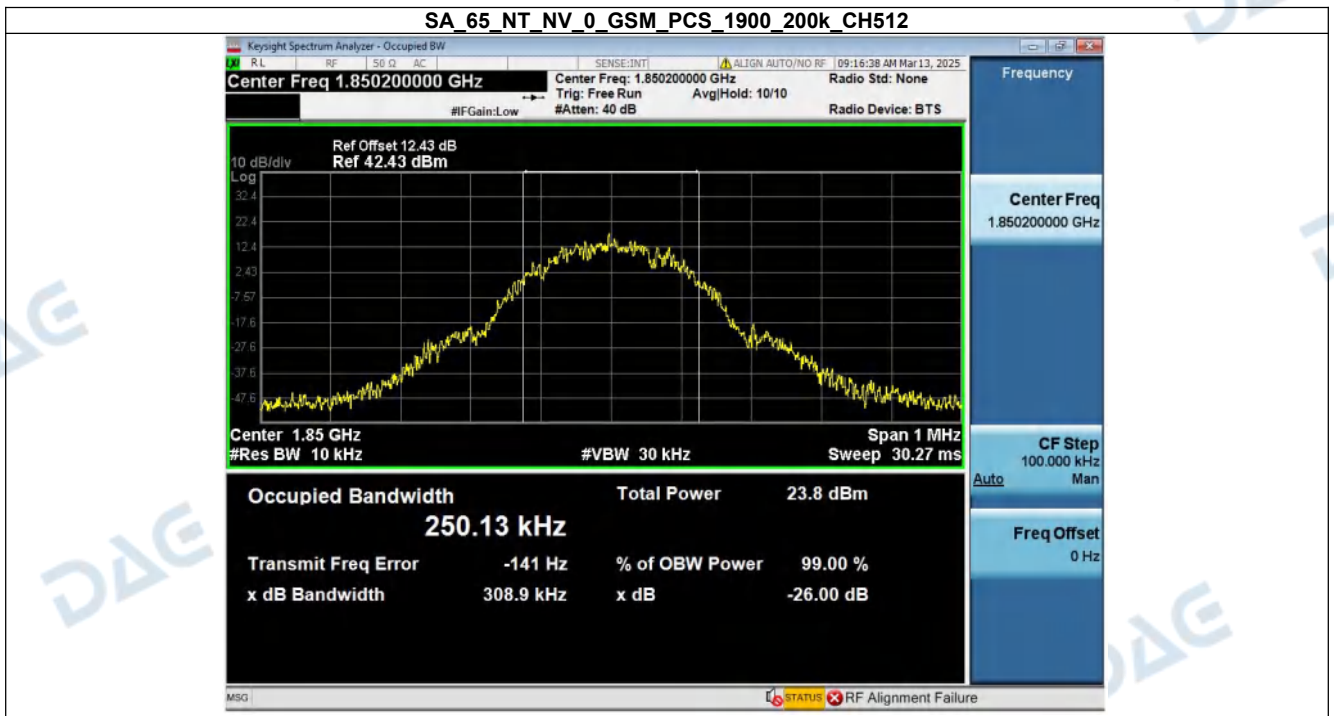
2. Conducted Output Power&&EIRP/ERP

Condition	Services	Band	Modulation	Frequency (MHz)	Conducted Power (dBm)	ANT Gain (dBi)	EIRP (dBm)	EIRP (mW)	Limit (mW)	Result
NVNT	GSM	PCS 1900	GMSK	1850.2	29.08	-0.6	28.48	704.69	2000	Pass
NVNT	GSM	PCS 1900	GMSK	1880.0	28.98	-0.6	28.38	688.65	2000	Pass
NVNT	GSM	PCS 1900	GMSK	1909.8	28.51	-0.6	27.91	618.02	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1850.2	25.54	-0.6	24.94	311.89	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1850.2	25.25	-0.6	24.65	291.74	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1850.2	24.94	-0.6	24.34	271.64	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1850.2	22.81	-0.6	22.21	166.34	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.2	19.59	-0.6	18.99	79.25	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.2	19.61	-0.6	19.01	79.62	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.2	19.61	-0.6	19.01	79.62	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.2	19.6	-0.6	19	79.43	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1880.0	19.68	-0.6	19.08	80.91	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1880.0	19.68	-0.6	19.08	80.91	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1880.0	19.68	-0.6	19.08	80.91	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1880.0	19.66	-0.6	19.06	80.54	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.0	19.68	-0.6	19.08	80.91	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.0	19.68	-0.6	19.08	80.91	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.0	19.67	-0.6	19.07	80.72	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.0	19.68	-0.6	19.08	80.91	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1909.8	19.23	-0.6	18.63	72.95	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1909.8	19.23	-0.6	18.63	72.95	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1909.8	19.23	-0.6	18.63	72.95	2000	Pass
NVNT	EGPRS	PCS 1900	GMSK	1909.8	19.24	-0.6	18.64	73.11	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.8	19.24	-0.6	18.64	73.11	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.8	19.24	-0.6	18.64	73.11	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.8	19.24	-0.6	18.64	73.11	2000	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.8	19.24	-0.6	18.64	73.11	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.2	24.69	-0.6	24.09	256.45	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.2	24.47	-0.6	23.87	243.78	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.2	24.2	-0.6	23.6	229.09	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.2	22.1	-0.6	21.5	141.25	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.0	24.83	-0.6	24.23	264.85	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.0	24.61	-0.6	24.01	251.77	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.0	24.43	-0.6	23.83	241.55	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.0	22.3	-0.6	21.7	147.91	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.8	24.33	-0.6	23.73	236.05	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.8	24.2	-0.6	23.6	229.09	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.8	23.9	-0.6	23.3	213.80	2000	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.8	21.76	-0.6	21.16	130.62	2000	Pass

EIRP = Conducted Power + ANT Gain

3. Occupied Bandwidth

Condition	Services	Band	Modulation	Frequency(MHz)	OBW(MHz)	-26EBW(MHz)
NVNT	GSM	PCS 1900	GMSK	1850.2	0.2501	0.3089
NVNT	GSM	PCS 1900	GMSK	1880.0	0.2497	0.3197
NVNT	GSM	PCS 1900	GMSK	1909.8	0.2510	0.3121
NVNT	EGPRS	PCS 1900	GMSK	1850.2	0.2458	0.3138
NVNT	EGPRS	PCS 1900	8PSK	1850.2	0.2493	0.3149
NVNT	EGPRS	PCS 1900	GMSK	1880.0	0.2441	0.3177
NVNT	EGPRS	PCS 1900	8PSK	1880.0	0.2462	0.3119
NVNT	EGPRS	PCS 1900	GMSK	1909.8	0.2454	0.3153
NVNT	EGPRS	PCS 1900	8PSK	1909.8	0.2486	0.3160
NVNT	GPRS	PCS 1900	GMSK	1850.2	0.2454	0.3192
NVNT	GPRS	PCS 1900	GMSK	1880.0	0.2428	0.3155
NVNT	GPRS	PCS 1900	GMSK	1909.8	0.2423	0.3118



SA 65 NT NV 0 GSM PCS 1900 200k CH810



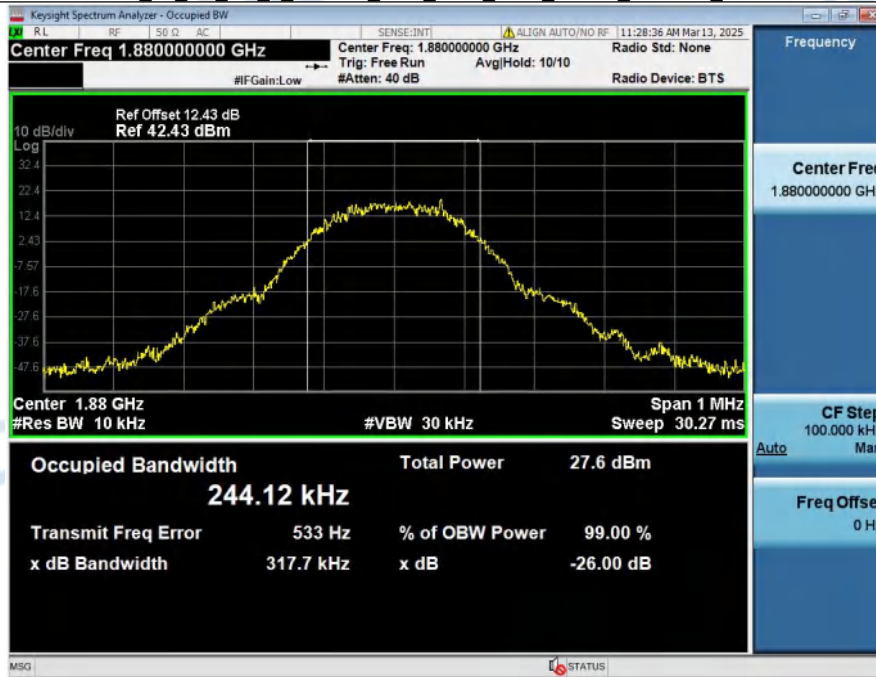
SA 65 NT NV 0 EGPRS PCS 1900 200k GMSK Class12_CH512



SA 65_NT_NV_0 EGPRS_PCS_1900_200k_8PSK_Class12_CH512



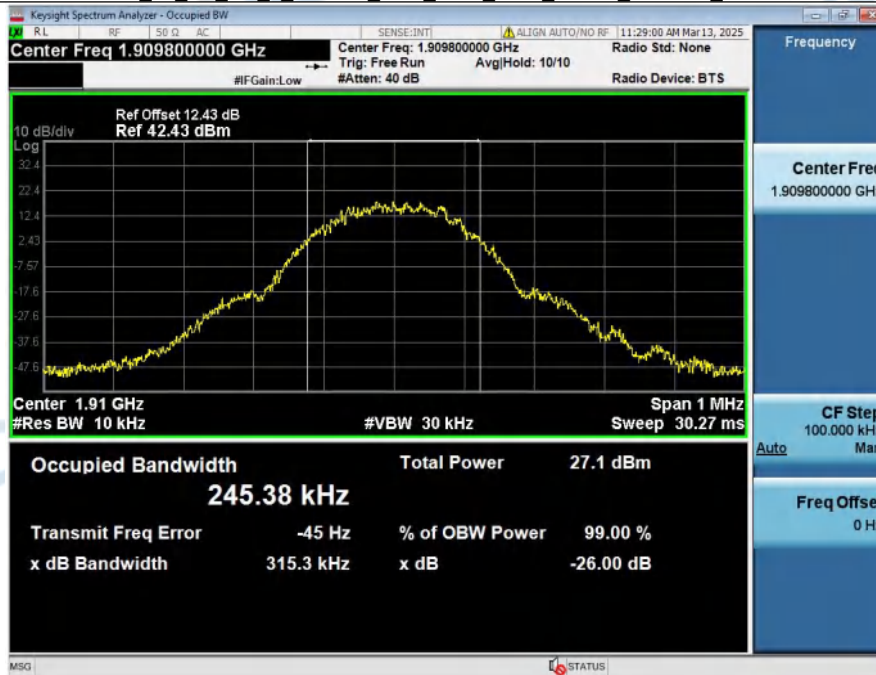
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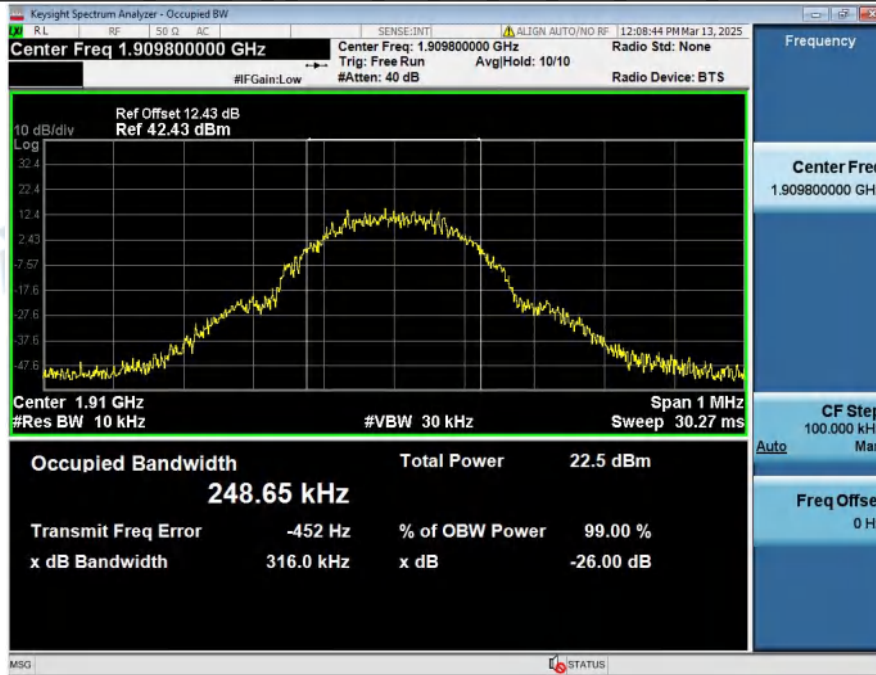
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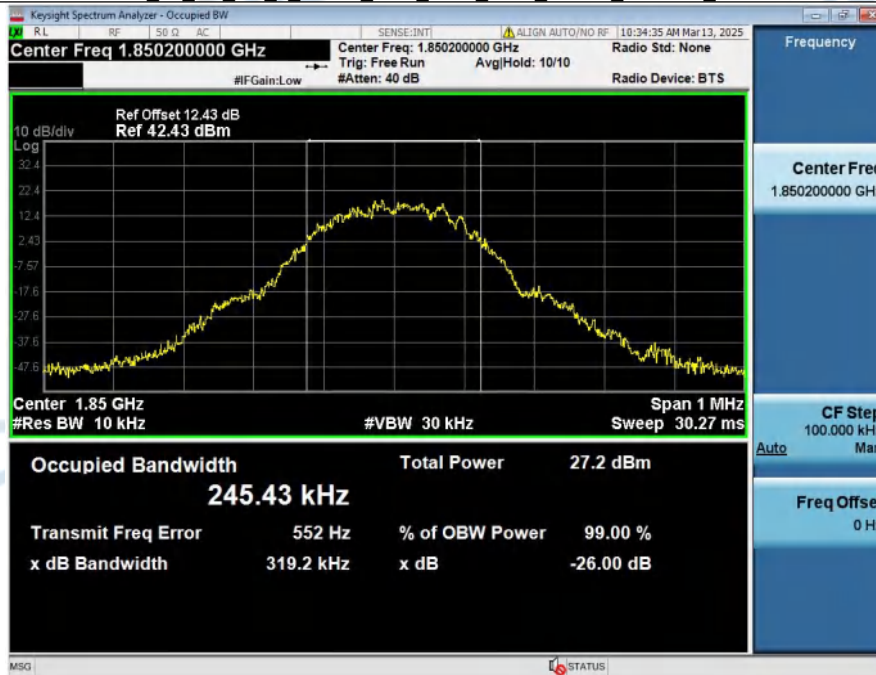
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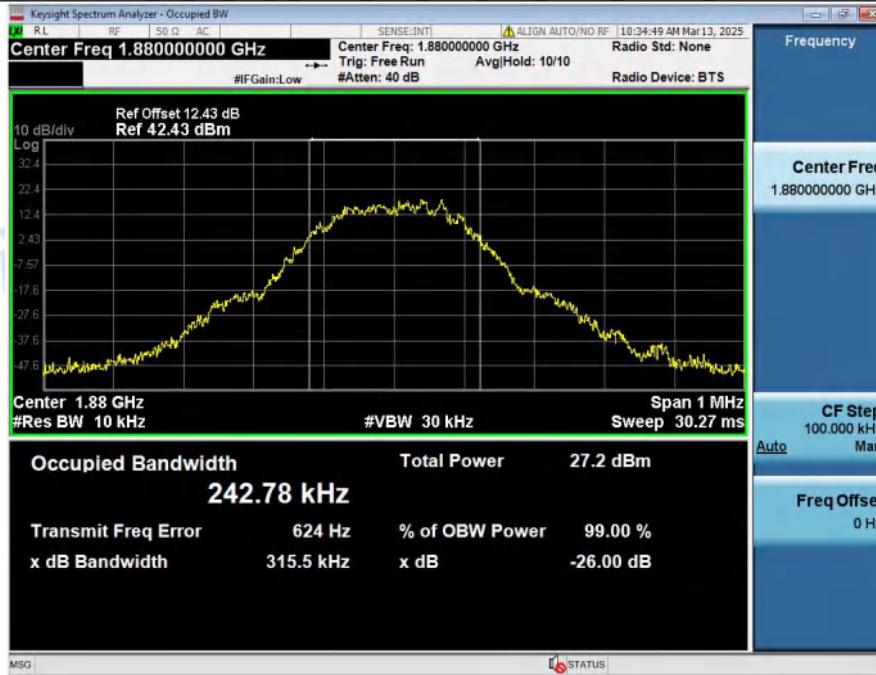
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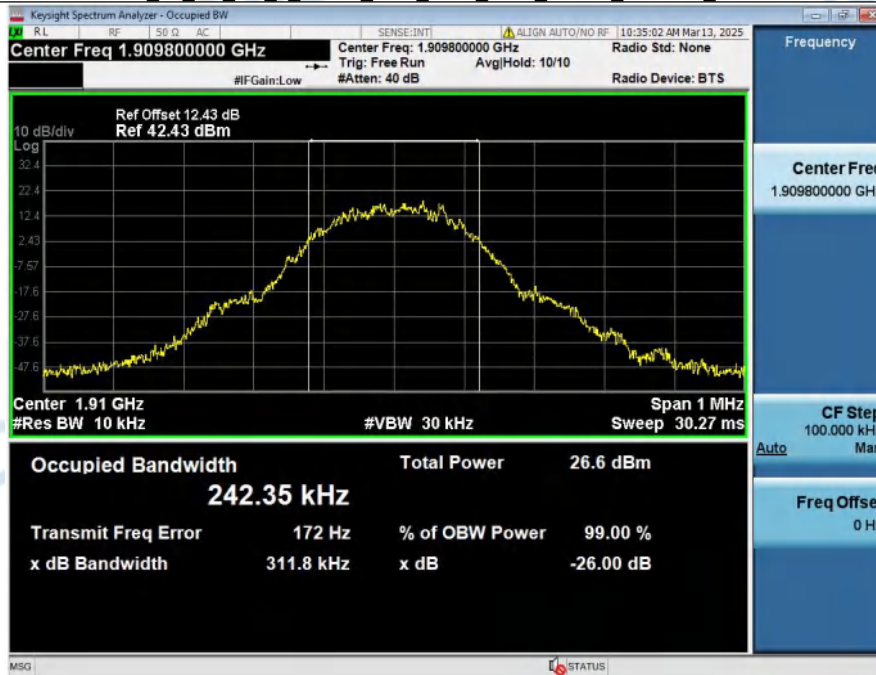
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SA 65_NT_NV_0 GPRS_PCS_1900_200k_GMSK_Class12_CH661

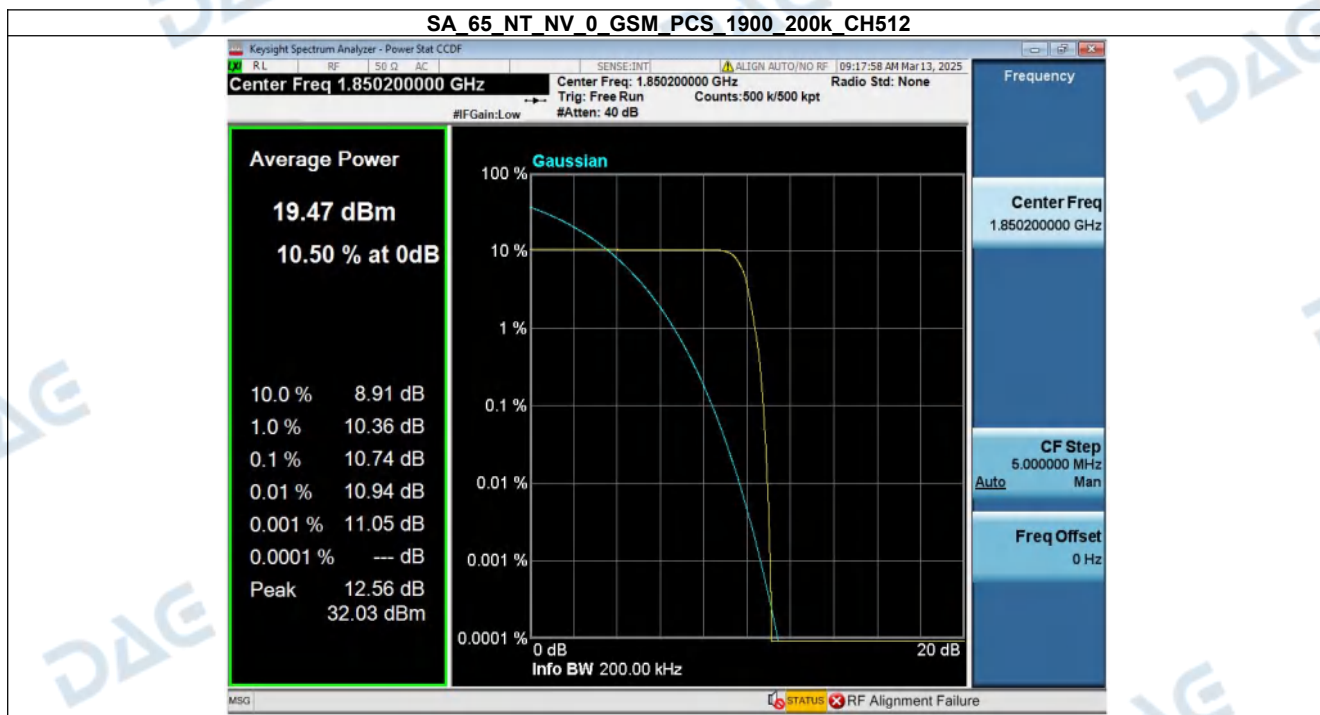


SA 65_NT_NV_0 GPRS_PCS_1900_200k_GMSK_Class12_CH810

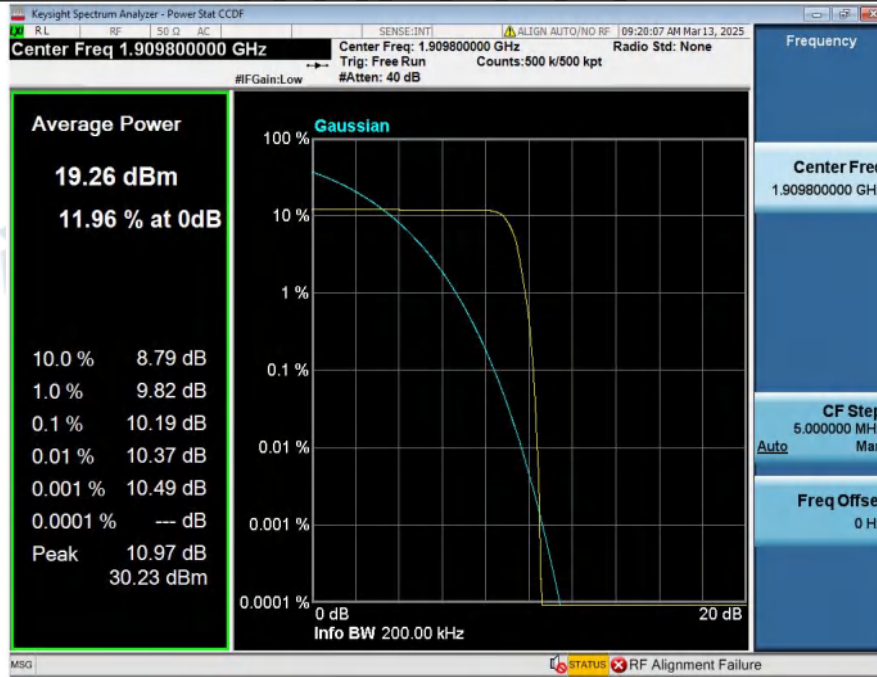


4. Peak to Average Ratio

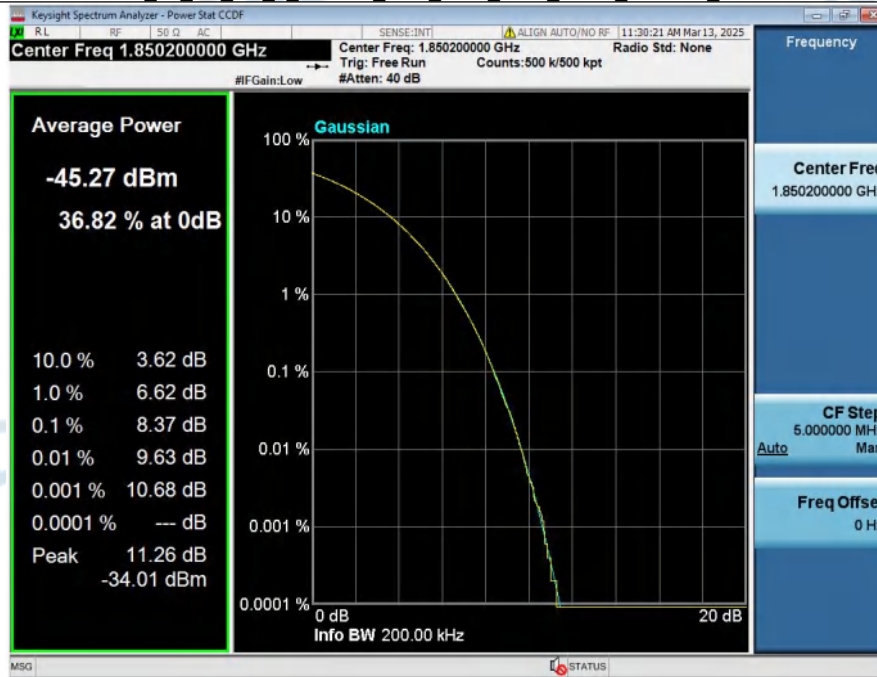
Condition	Services	Band	Frequency(MHz)	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NVNT	GSM	PCS 1900	1850.2	10.74	13.00	Pass
NVNT	GSM	PCS 1900	1880.0	10.72	13.00	Pass
NVNT	GSM	PCS 1900	1909.8	10.19	13.00	Pass
NVNT	EGPRS	PCS 1900	1850.2	8.37	13.00	Pass
NVNT	EGPRS	PCS 1900	1880.0	8.42	13.00	Pass
NVNT	EGPRS	PCS 1900	1909.8	8.38	13.00	Pass
NVNT	GPRS	PCS 1900	1850.2	4.65	13.00	Pass
NVNT	GPRS	PCS 1900	1880.0	4.62	13.00	Pass
NVNT	GPRS	PCS 1900	1909.8	4.46	13.00	Pass



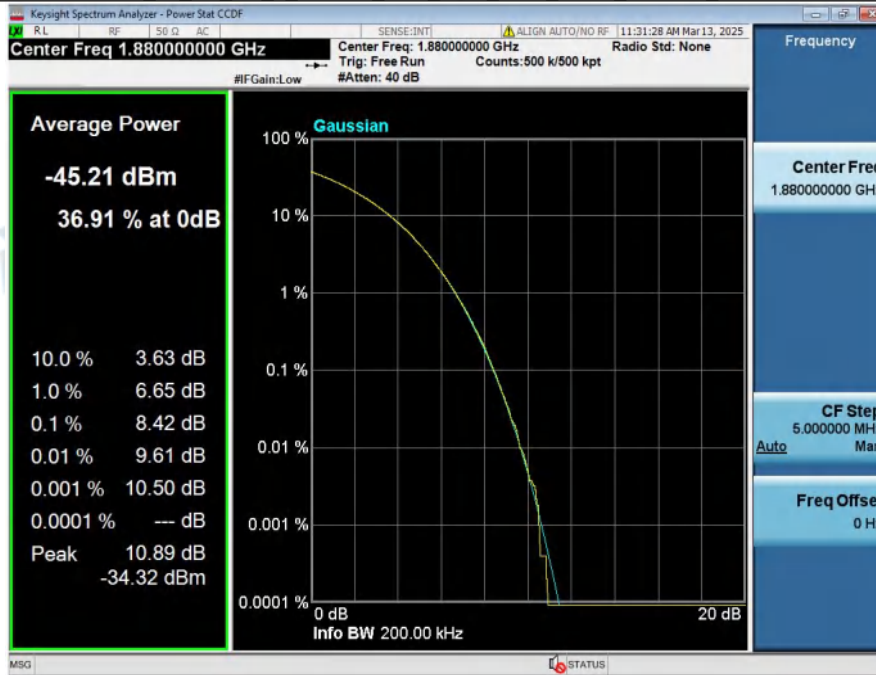
SA 65 NT NV 0 GSM PCS 1900 200k CH810



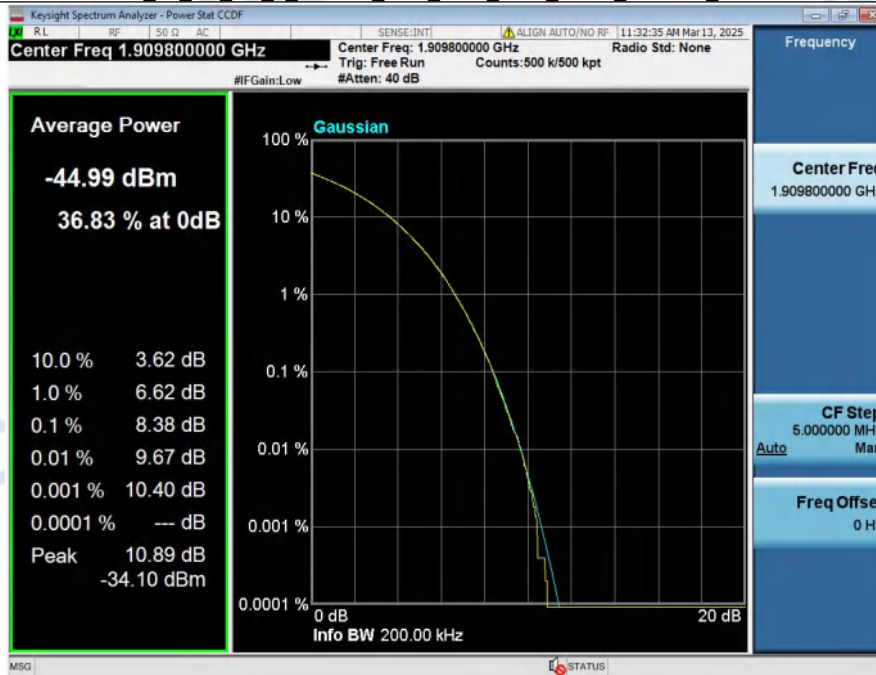
SA 65 NT NV 0 EGPRS PCS 1900 200k 8PSK Class12_CH512



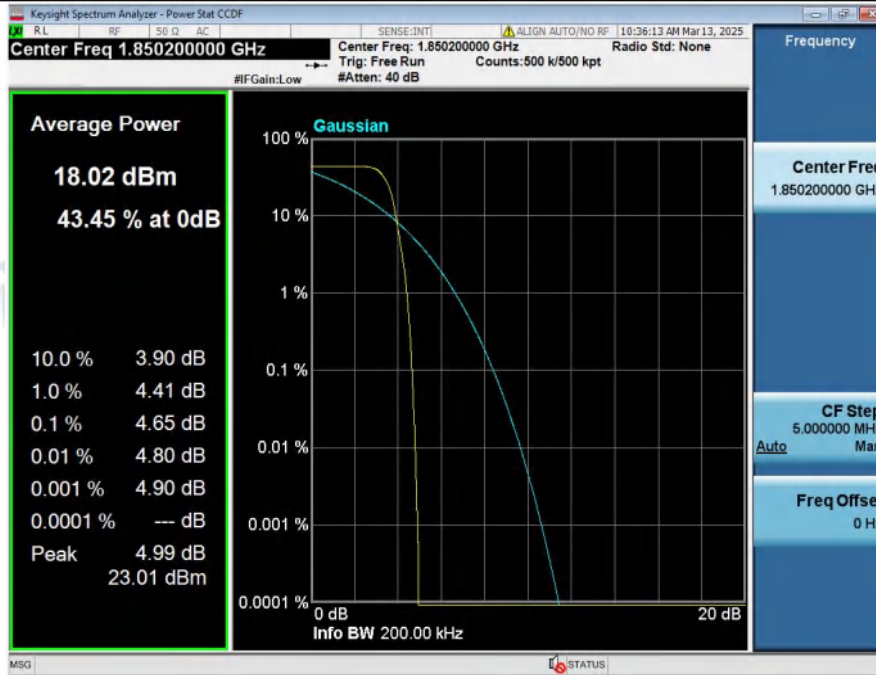
SA 65_NT_NV_0 EGPRS_PCS_1900_200k_8PSK_Class12_CH661



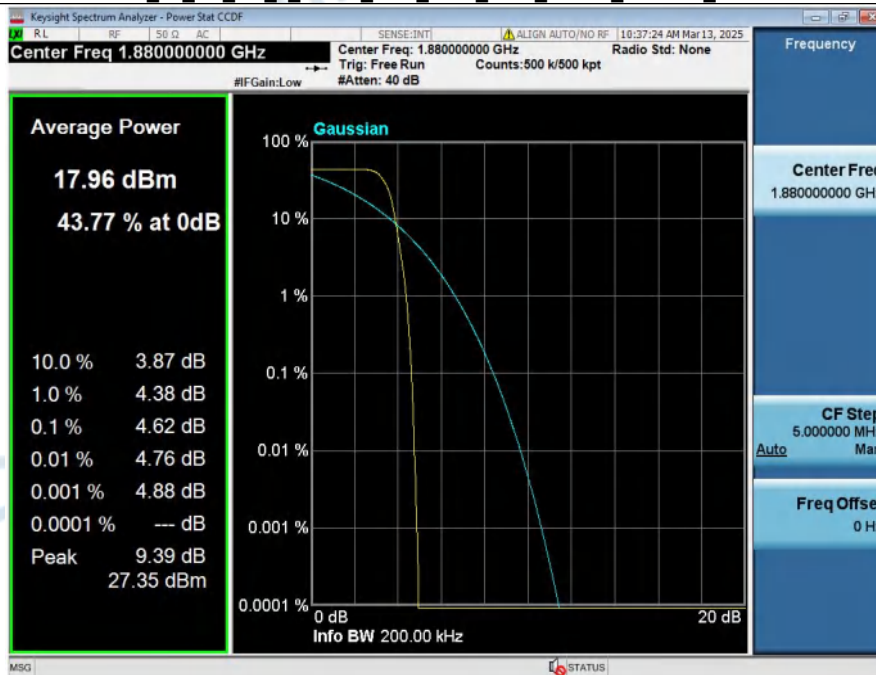
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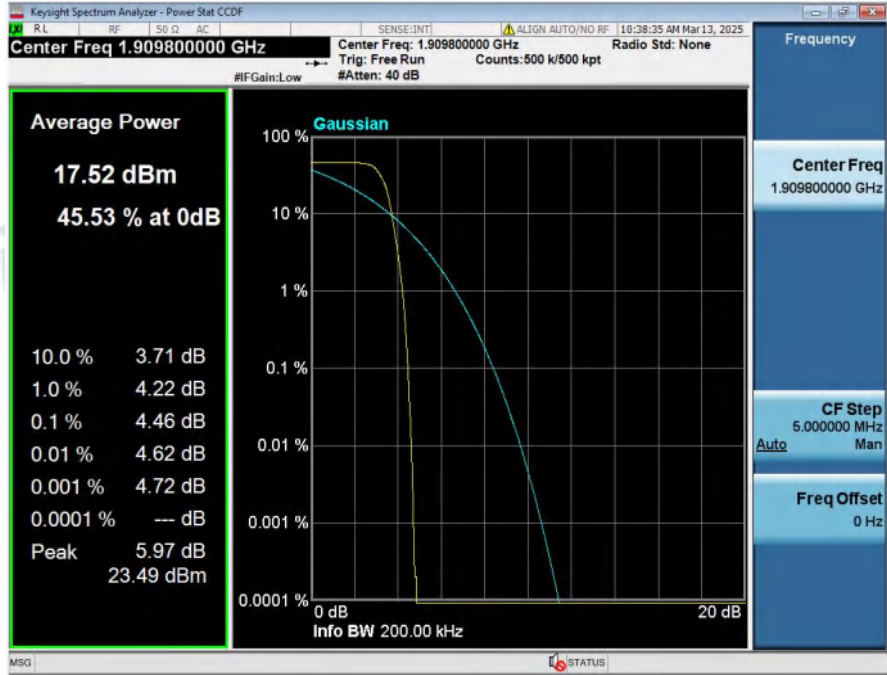
SA 65_NT_NV_0_GPRS_PCS_1900_200k_GMSK_Class12_CH512



SA 65_NT_NV_0_GPRS_PCS_1900_200k_GMSK_Class12_CH661



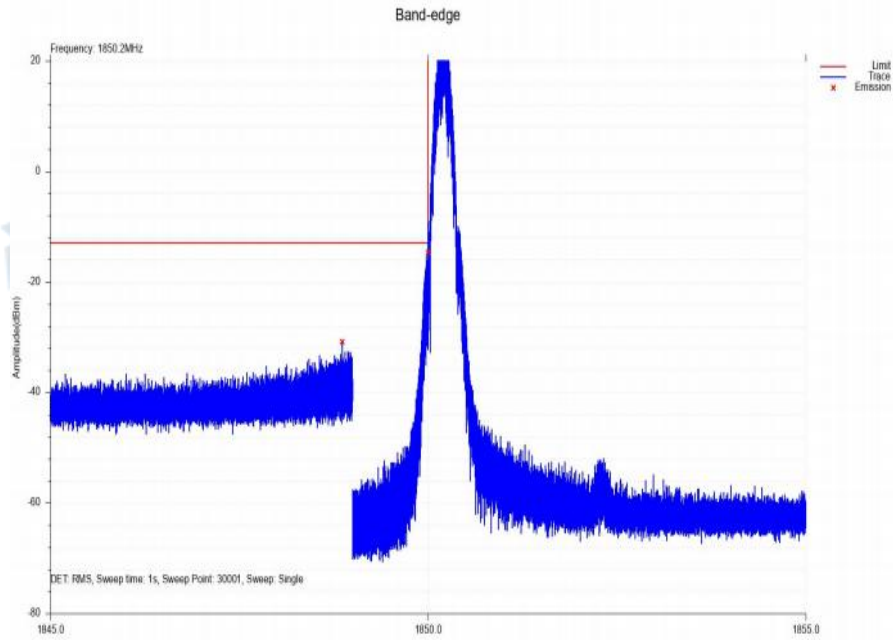
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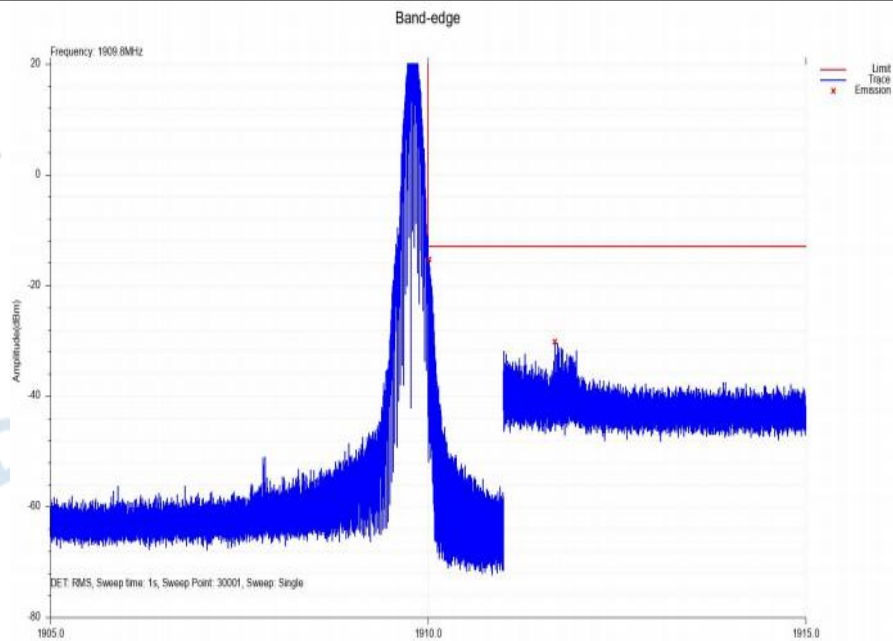
5. Unwanted Spurious Emission

Condition	Services	Band	Mode	Frequency (MHz)	RBW (kHz)	Test Freq Range (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Result
NVNT	GSM	PCS 1900	GMSK	1850.20	1000	1845.0~1849.0	1848.862	-30.85	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1850.20	3	1849.0~1850.0	1849.998	-14.64	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1909.80	3	1910.0~1911.0	1910.018	-15.26	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1909.80	1000	1911.0~1915.0	1911.676	-30.20	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1850.20	1	0.009~0.150	0.009	-26.33	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1850.20	10	0.150~30.000	0.152	-31.84	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1850.20	100	30~1000	503.651	-41.18	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1850.20	1000	1000~1845	1571.474	-35.44	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1850.20	1000	1915~20000	19020.396	-27.00	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1880.00	1	0.009~0.150	0.009	-27.20	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1880.00	10	0.150~30.000	0.150	-34.74	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1880.00	100	30~1000	886.122	-41.12	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1880.00	1000	1000~1845	1639.834	-35.99	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1880.00	1000	1915~20000	18999.297	-27.02	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1909.80	1	0.009~0.150	0.010	-27.06	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1909.80	10	0.150~30.000	0.156	-34.65	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1909.80	100	30~1000	462.976	-41.72	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1909.80	1000	1000~1845	1651.439	-36.16	-13	Pass
NVNT	GSM	PCS 1900	GMSK	1909.80	1000	1915~20000	19008.339	-26.88	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.20	1000	1845.0~1849.0	1848.783	-35.88	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.20	3	1849.0~1850.0	1849.980	-23.05	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.20	1	0.009~0.150	0.009	-35.30	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.20	10	0.150~30.000	0.152	-42.45	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.20	100	30~1000	855.535	-52.02	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.20	1000	1000~1845	1563.728	-45.80	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1850.20	1000	1915~20000	19024.616	-36.94	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.00	1	0.009~0.150	0.009	-37.08	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.00	10	0.150~30.000	0.152	-42.54	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.00	100	30~1000	753.167	-52.08	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.00	1000	1000~1845	1823.453	-46.17	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1880.00	1000	1915~20000	18994.474	-36.82	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.80	3	1910.0~1911.0	1910.018	-25.20	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.80	1000	1911.0~1915.0	1911.851	-34.31	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.80	1	0.009~0.150	0.010	-36.98	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.80	10	0.150~30.000	0.152	-43.03	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.80	100	30~1000	872.122	-52.12	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.80	1000	1000~1845	1825.114	-46.02	-13	Pass
NVNT	EGPRS	PCS 1900	8PSK	1909.80	1000	1915~20000	18992.063	-37.26	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.20	1000	1845.0~1849.0	1848.681	-35.76	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.20	3	1849.0~1850.0	1849.991	-22.33	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.20	1	0.009~0.150	0.010	-35.27	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.20	10	0.150~30.000	0.169	-44.21	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.20	100	30~1000	909.176	-52.31	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.20	1000	1000~1845	1792.807	-45.59	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1850.20	1000	1915~20000	19045.112	-36.77	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.00	1	0.009~0.150	0.009	-37.38	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.00	10	0.150~30.000	0.154	-43.22	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.00	100	30~1000	832.384	-51.86	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.00	1000	1000~1845	1338.394	-45.94	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1880.00	1000	1915~20000	18970.964	-37.22	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.80	3	1910.0~1911.0	1910.019	-21.41	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.80	1000	1911.0~1915.0	1911.880	-34.77	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.80	1	0.009~0.150	0.010	-37.91	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.80	10	0.150~30.000	0.151	-44.04	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.80	100	30~1000	869.179	-52.43	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.80	1000	1000~1845	1565.953	-45.92	-13	Pass
NVNT	GPRS	PCS 1900	GMSK	1909.80	1000	1915~20000	18978.197	-36.91	-13	Pass

LOW_EDGE_65_NT_NV_0_PCS_1900_GMSK_200k_CH512

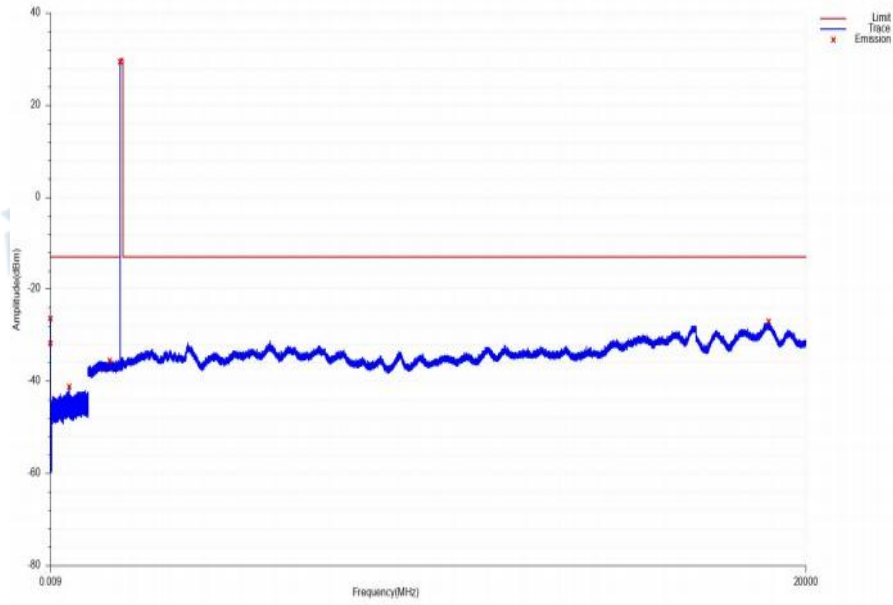


UPPER_EDGE_65_NT_NV_0_PCS_1900_GMSK_200k



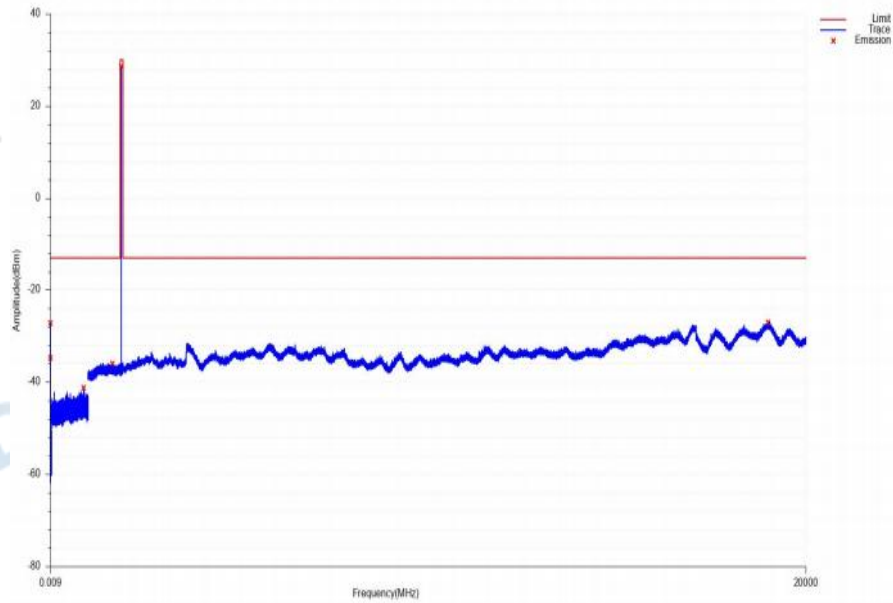
SA_65_NT_NV_0_PCS_1900_GMSK_200k_CH512

Unwanted spurious emissions



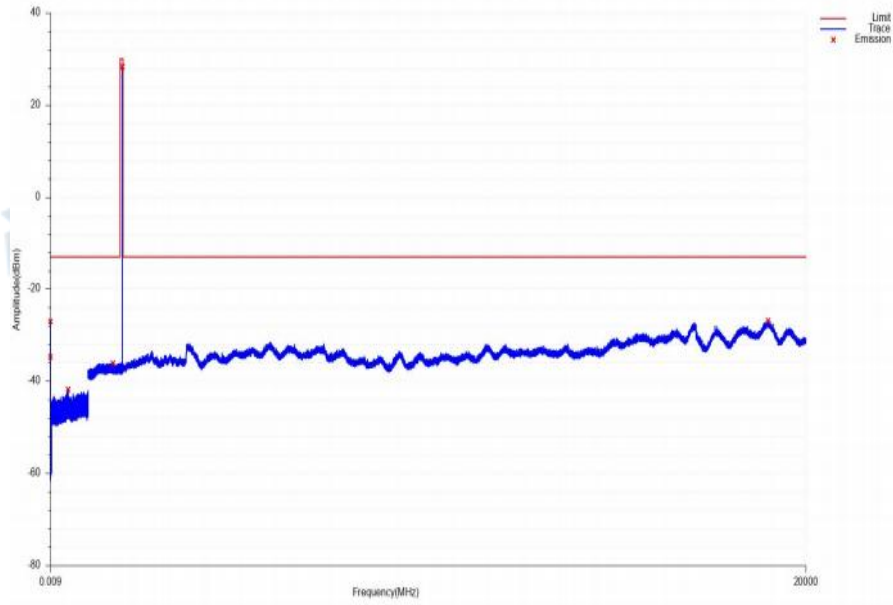
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Unwanted spurious emissions



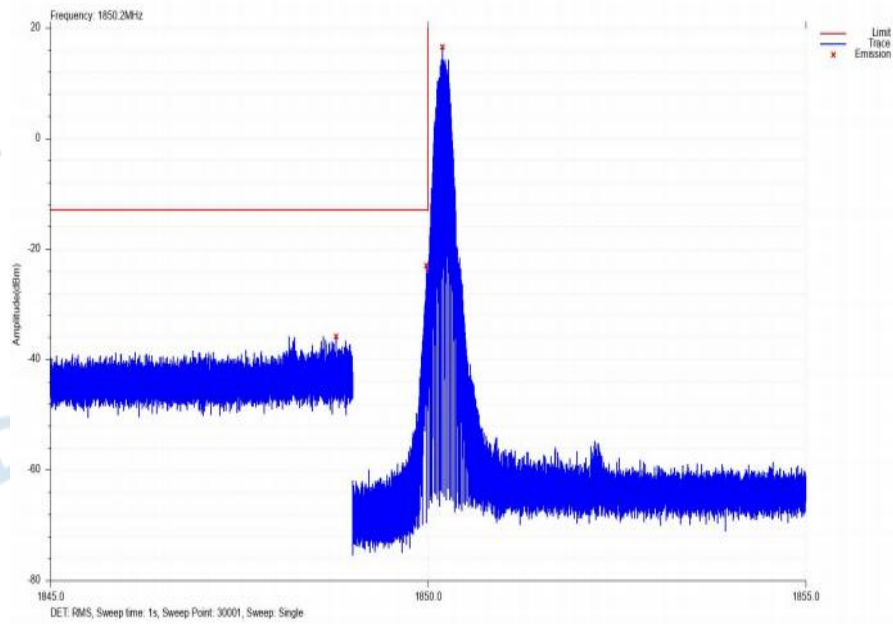
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Unwanted spurious emissions



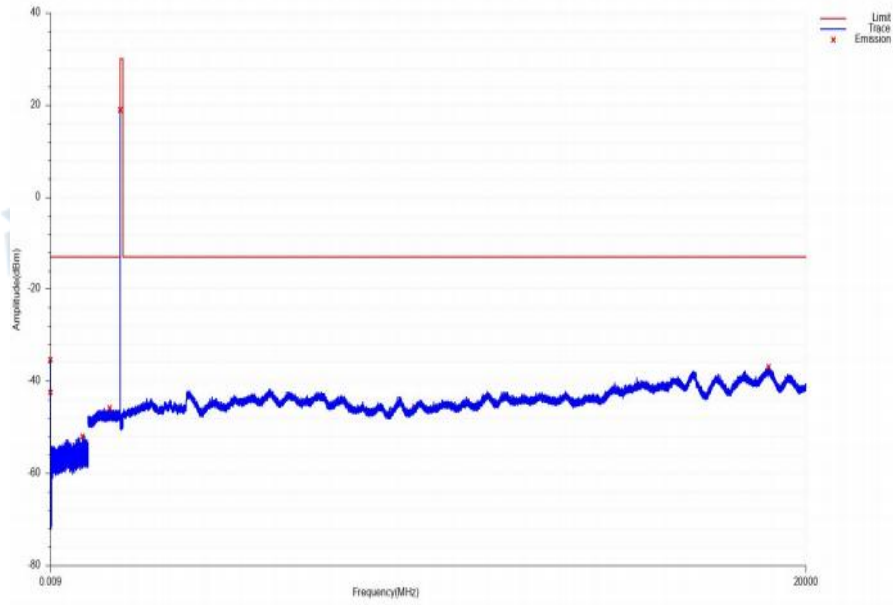
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Band-edge



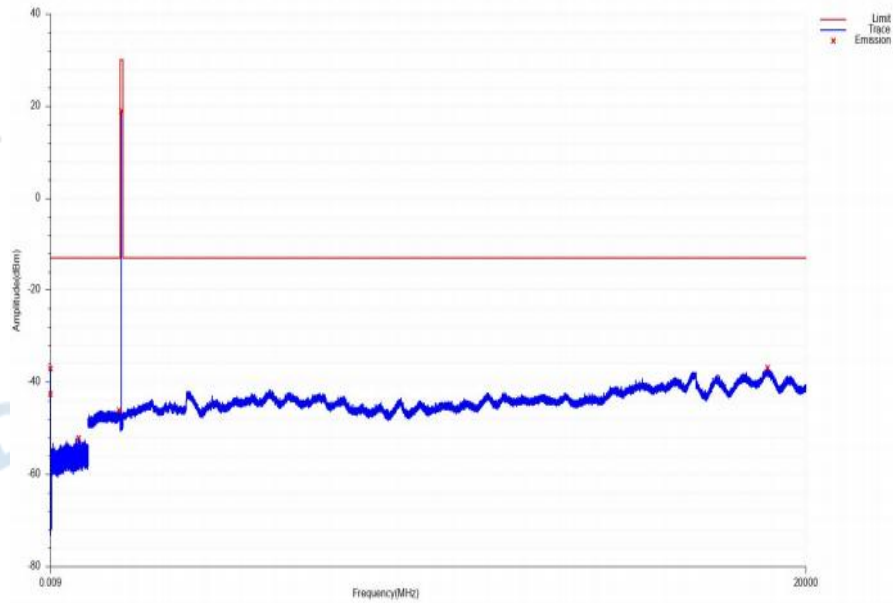
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Unwanted spurious emissions

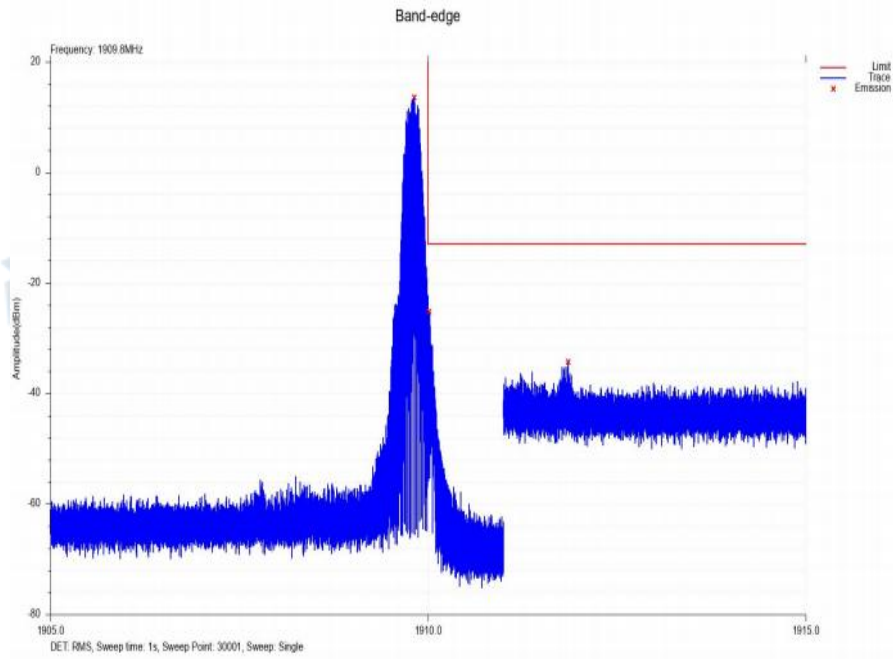


SA_65_NT_NV_0_EGPRS_PCS_1900_200k_8PSK_Class12_CH661

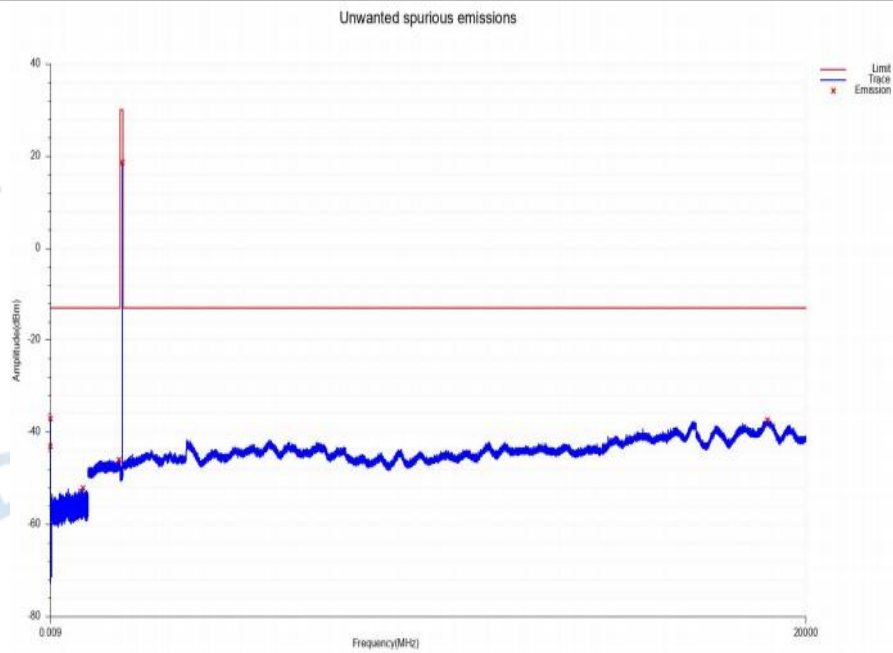
Unwanted spurious emissions

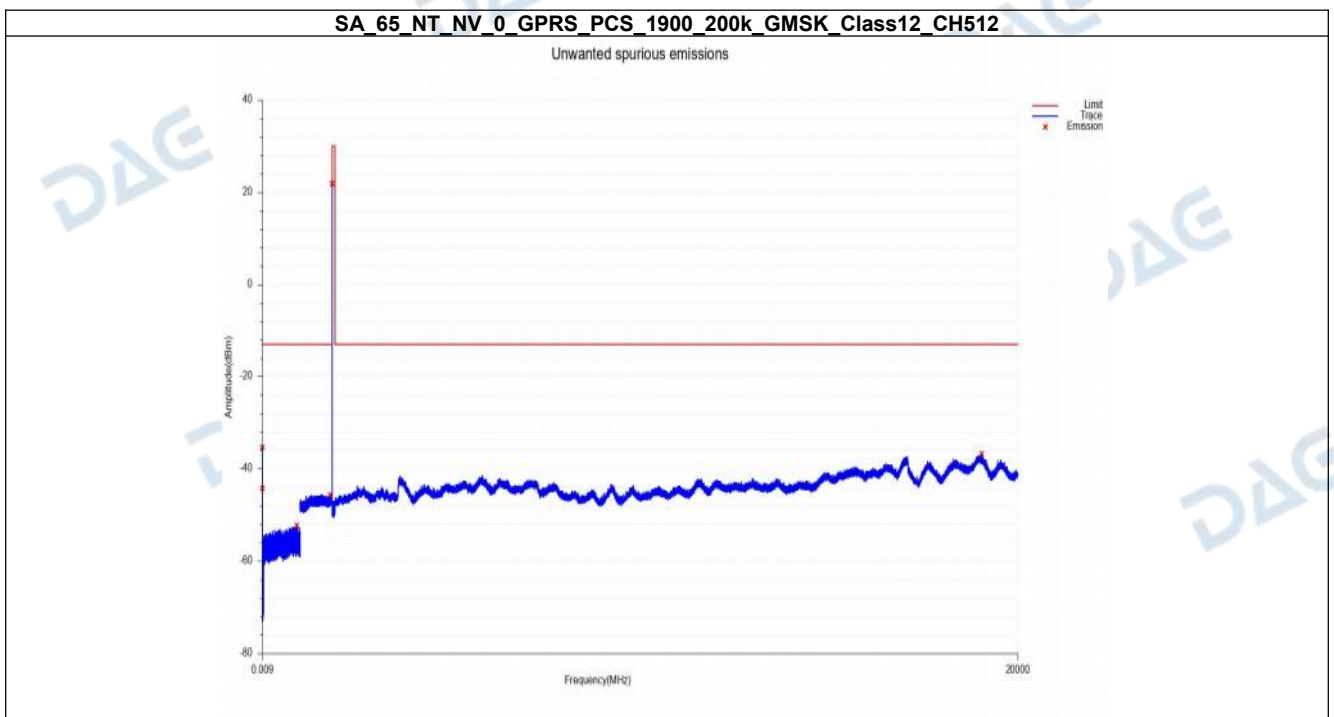
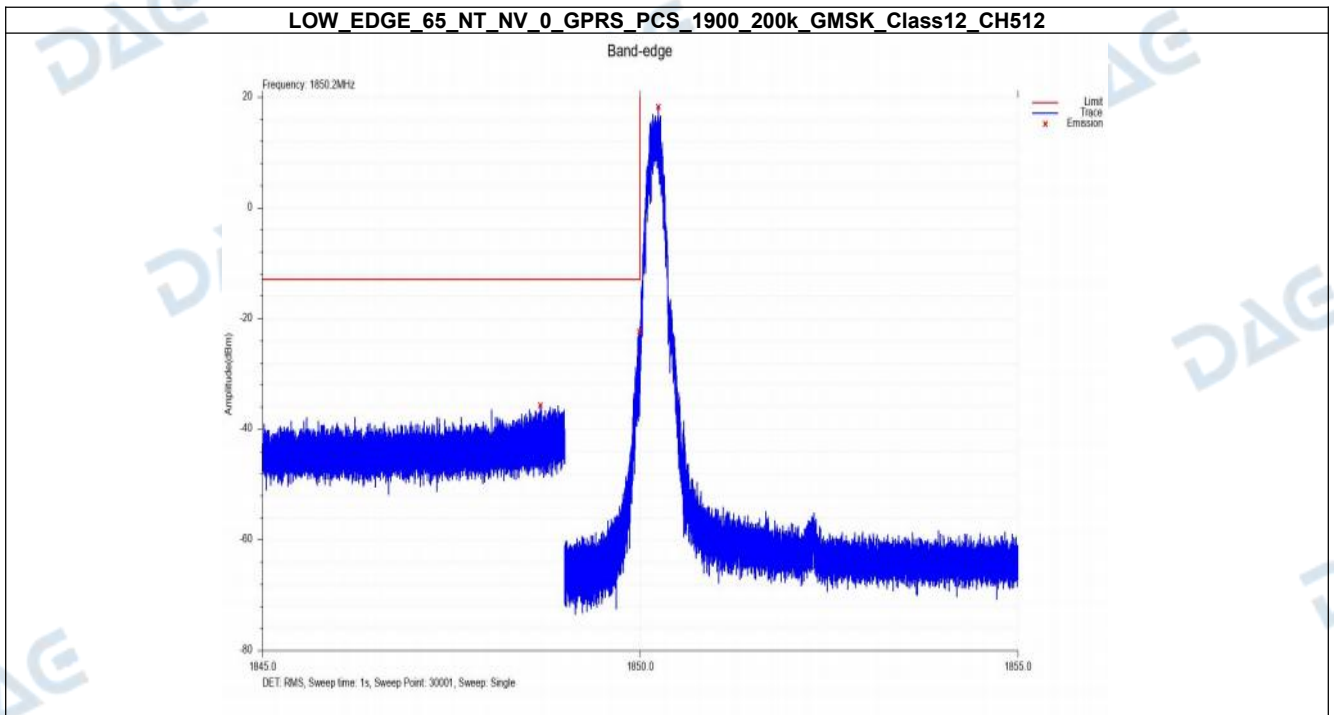


UPPER_EDGE_65_NT_NV_0_EGPRS_PCS_1900_200k_8PSK_Class12_CH810



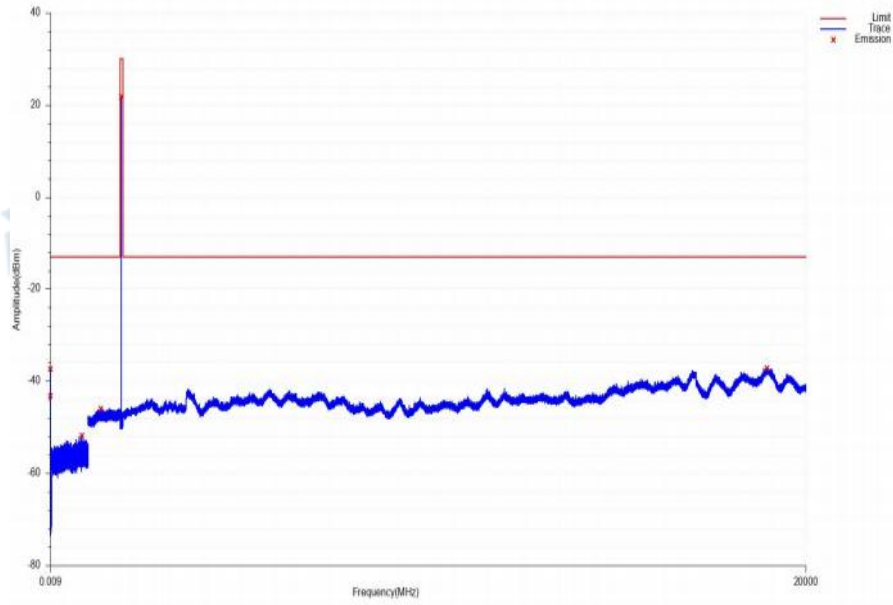
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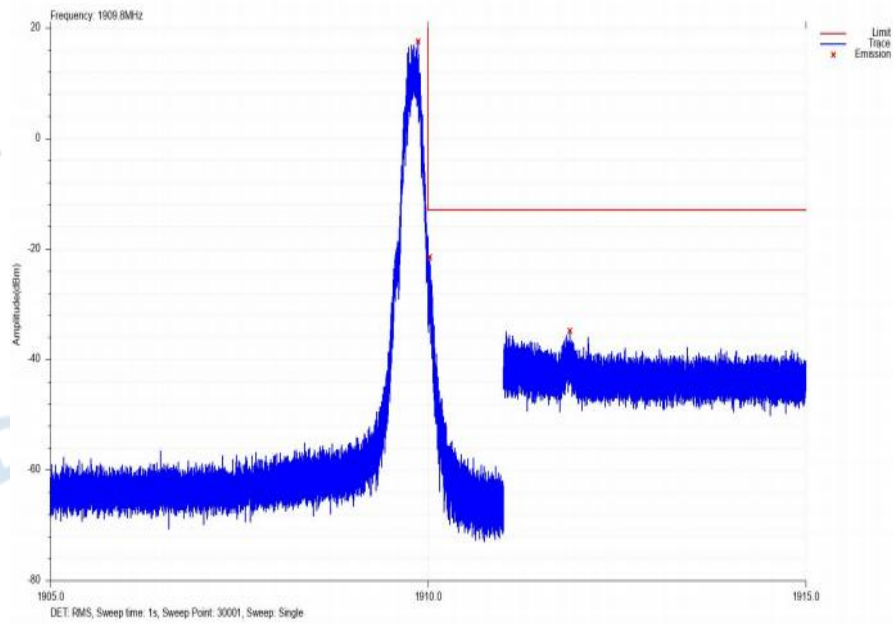
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Unwanted spurious emissions

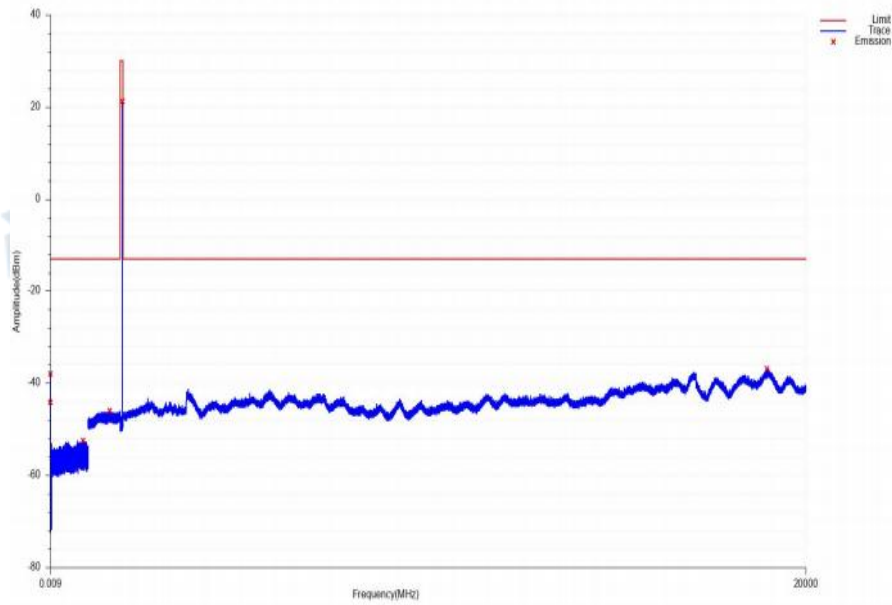


UPPER_EDGE_65_NT_NV_0_GPRS_PCS_1900_200k_GMSK_Class12_CH810

Band-edge



Unwanted spurious emissions



6. Frequency Stability

Condition	Modulation	Band	Frequency(MHz)	Freq. S (Hz)	Freq. S (ppm)	Limit(ppm)	Result
NV_NT	GSM	PCS 1900	1850.2	8.72	0.0047	-2.5~2.5	Pass
NV_50C	GSM	PCS 1900	1850.2	10.85	0.0059	-2.5~2.5	Pass
NV_40C	GSM	PCS 1900	1850.2	8.56	0.0046	-2.5~2.5	Pass
NV_30C	GSM	PCS 1900	1850.2	9.46	0.0051	-2.5~2.5	Pass
NV_20C	GSM	PCS 1900	1850.2	5.13	0.0028	-2.5~2.5	Pass
NV_10C	GSM	PCS 1900	1850.2	1.39	0.0008	-2.5~2.5	Pass
NV_0C	GSM	PCS 1900	1850.2	-8.56	-0.0046	-2.5~2.5	Pass
NV_-10C	GSM	PCS 1900	1850.2	-6.94	-0.0038	-2.5~2.5	Pass
NV_-20C	GSM	PCS 1900	1850.2	-2.07	-0.0011	-2.5~2.5	Pass
LV_NT	GSM	PCS 1900	1850.2	-0.36	-0.0002	-2.5~2.5	Pass
HV_NT	GSM	PCS 1900	1850.2	-0.42	-0.0002	-2.5~2.5	Pass
NV_NT	GSM	PCS 1900	1880.0	-7.17	-0.0038	-2.5~2.5	Pass
NV_50C	GSM	PCS 1900	1880.0	2.23	0.0012	-2.5~2.5	Pass
NV_40C	GSM	PCS 1900	1880.0	1.19	0.0006	-2.5~2.5	Pass
NV_30C	GSM	PCS 1900	1880.0	10.62	0.0057	-2.5~2.5	Pass
NV_20C	GSM	PCS 1900	1880.0	-5.07	-0.0027	-2.5~2.5	Pass
NV_10C	GSM	PCS 1900	1880.0	2.74	0.0015	-2.5~2.5	Pass
NV_0C	GSM	PCS 1900	1880.0	4.94	0.0026	-2.5~2.5	Pass
NV_-10C	GSM	PCS 1900	1880.0	2.74	0.0015	-2.5~2.5	Pass
NV_-20C	GSM	PCS 1900	1880.0	1.49	0.0008	-2.5~2.5	Pass
LV_NT	GSM	PCS 1900	1880.0	-0.45	-0.0002	-2.5~2.5	Pass
HV_NT	GSM	PCS 1900	1880.0	7.17	0.0038	-2.5~2.5	Pass
NV_NT	GSM	PCS 1900	1909.8	2.45	0.0013	-2.5~2.5	Pass
NV_50C	GSM	PCS 1900	1909.8	-7.01	-0.0037	-2.5~2.5	Pass
NV_40C	GSM	PCS 1900	1909.8	1.16	0.0006	-2.5~2.5	Pass
NV_30C	GSM	PCS 1900	1909.8	-1.49	-0.0008	-2.5~2.5	Pass
NV_20C	GSM	PCS 1900	1909.8	5.68	0.0030	-2.5~2.5	Pass
NV_10C	GSM	PCS 1900	1909.8	-0.68	-0.0004	-2.5~2.5	Pass
NV_0C	GSM	PCS 1900	1909.8	-2.39	-0.0013	-2.5~2.5	Pass
NV_-10C	GSM	PCS 1900	1909.8	1.45	0.0008	-2.5~2.5	Pass
NV_-20C	GSM	PCS 1900	1909.8	-2.42	-0.0013	-2.5~2.5	Pass
LV_NT	GSM	PCS 1900	1909.8	2.39	0.0013	-2.5~2.5	Pass
HV_NT	GSM	PCS 1900	1909.8	4.42	0.0023	-2.5~2.5	Pass
NV_NT	EGPRS	PCS 1900	1850.2	-4.58	-0.0025	-2.5~2.5	Pass
NV_50C	EGPRS	PCS 1900	1850.2	-4.91	-0.0027	-2.5~2.5	Pass
NV_40C	EGPRS	PCS 1900	1850.2	-9.69	-0.0052	-2.5~2.5	Pass
NV_30C	EGPRS	PCS 1900	1850.2	-11.98	-0.0065	-2.5~2.5	Pass
NV_20C	EGPRS	PCS 1900	1850.2	-9.33	-0.0050	-2.5~2.5	Pass
NV_10C	EGPRS	PCS 1900	1850.2	-6.55	-0.0035	-2.5~2.5	Pass
NV_0C	EGPRS	PCS 1900	1850.2	-12.01	-0.0065	-2.5~2.5	Pass
NV_-10C	EGPRS	PCS 1900	1850.2	-17.27	-0.0093	-2.5~2.5	Pass
NV_-20C	EGPRS	PCS 1900	1850.2	4.13	0.0022	-2.5~2.5	Pass
LV_NT	EGPRS	PCS 1900	1850.2	-3.62	-0.0020	-2.5~2.5	Pass
HV_NT	EGPRS	PCS 1900	1850.2	-4.58	-0.0025	-2.5~2.5	Pass
NV_NT	EGPRS	PCS 1900	1880.0	3.94	0.0021	-2.5~2.5	Pass
NV_50C	EGPRS	PCS 1900	1880.0	1.81	0.0010	-2.5~2.5	Pass
NV_40C	EGPRS	PCS 1900	1880.0	4.55	0.0024	-2.5~2.5	Pass
NV_30C	EGPRS	PCS 1900	1880.0	2.71	0.0014	-2.5~2.5	Pass
NV_20C	EGPRS	PCS 1900	1880.0	-1.13	-0.0006	-2.5~2.5	Pass
NV_10C	EGPRS	PCS 1900	1880.0	1.65	0.0009	-2.5~2.5	Pass
NV_0C	EGPRS	PCS 1900	1880.0	-6.72	-0.0036	-2.5~2.5	Pass
NV_-10C	EGPRS	PCS 1900	1880.0	-2.36	-0.0013	-2.5~2.5	Pass
NV_-20C	EGPRS	PCS 1900	1880.0	-5.62	-0.0030	-2.5~2.5	Pass
LV_NT	EGPRS	PCS 1900	1880.0	-0.52	-0.0003	-2.5~2.5	Pass
HV_NT	EGPRS	PCS 1900	1880.0	-1.16	-0.0006	-2.5~2.5	Pass
NV_NT	EGPRS	PCS 1900	1909.8	-3.16	-0.0017	-2.5~2.5	Pass
NV_50C	EGPRS	PCS 1900	1909.8	-2.29	-0.0012	-2.5~2.5	Pass
NV_40C	EGPRS	PCS 1900	1909.8	-1.36	-0.0007	-2.5~2.5	Pass
NV_30C	EGPRS	PCS 1900	1909.8	0.81	0.0004	-2.5~2.5	Pass
NV_20C	EGPRS	PCS 1900	1909.8	4.00	0.0021	-2.5~2.5	Pass
NV_10C	EGPRS	PCS 1900	1909.8	0.42	0.0002	-2.5~2.5	Pass
NV_0C	EGPRS	PCS 1900	1909.8	9.14	0.0048	-2.5~2.5	Pass
NV_-10C	EGPRS	PCS 1900	1909.8	-8.85	-0.0046	-2.5~2.5	Pass
NV_-20C	EGPRS	PCS 1900	1909.8	-11.85	-0.0062	-2.5~2.5	Pass
LV_NT	EGPRS	PCS 1900	1909.8	-10.43	-0.0055	-2.5~2.5	Pass
HV_NT	EGPRS	PCS 1900	1909.8	-7.65	-0.0040	-2.5~2.5	Pass
NV_NT	GPRS	PCS 1900	1850.2	-7.39	-0.0040	-2.5~2.5	Pass
NV_50C	GPRS	PCS 1900	1850.2	-8.94	-0.0048	-2.5~2.5	Pass
NV_40C	GPRS	PCS 1900	1850.2	-1.61	-0.0009	-2.5~2.5	Pass
NV_30C	GPRS	PCS 1900	1850.2	-0.03	-0.0000	-2.5~2.5	Pass
NV_20C	GPRS	PCS 1900	1850.2	-1.19	-0.0006	-2.5~2.5	Pass
NV_10C	GPRS	PCS 1900	1850.2	-12.59	-0.0068	-2.5~2.5	Pass

NV_0C	GPRS	PCS 1900	1850.2	-2.07	-0.0011	-2.5~2.5	Pass
NV_-10C	GPRS	PCS 1900	1850.2	-14.82	-0.0080	-2.5~2.5	Pass
NV_-20C	GPRS	PCS 1900	1850.2	-2.36	-0.0013	-2.5~2.5	Pass
LV_NT	GPRS	PCS 1900	1850.2	-17.43	-0.0094	-2.5~2.5	Pass
HV_NT	GPRS	PCS 1900	1850.2	-3.29	-0.0018	-2.5~2.5	Pass
NV_NT	GPRS	PCS 1900	1880.0	-2.49	-0.0013	-2.5~2.5	Pass
NV_50C	GPRS	PCS 1900	1880.0	-3.78	-0.0020	-2.5~2.5	Pass
NV_40C	GPRS	PCS 1900	1880.0	-6.65	-0.0035	-2.5~2.5	Pass
NV_30C	GPRS	PCS 1900	1880.0	-2.45	-0.0013	-2.5~2.5	Pass
NV_20C	GPRS	PCS 1900	1880.0	-4.55	-0.0024	-2.5~2.5	Pass
NV_10C	GPRS	PCS 1900	1880.0	-15.40	-0.0082	-2.5~2.5	Pass
NV_0C	GPRS	PCS 1900	1880.0	-5.91	-0.0031	-2.5~2.5	Pass
NV_-10C	GPRS	PCS 1900	1880.0	-1.87	-0.0010	-2.5~2.5	Pass
NV_-20C	GPRS	PCS 1900	1880.0	-13.56	-0.0072	-2.5~2.5	Pass
LV_NT	GPRS	PCS 1900	1880.0	-4.33	-0.0023	-2.5~2.5	Pass
HV_NT	GPRS	PCS 1900	1880.0	-4.26	-0.0023	-2.5~2.5	Pass
NV_NT	GPRS	PCS 1900	1909.8	-18.60	-0.0097	-2.5~2.5	Pass
NV_50C	GPRS	PCS 1900	1909.8	6.52	0.0034	-2.5~2.5	Pass
NV_40C	GPRS	PCS 1900	1909.8	4.68	0.0025	-2.5~2.5	Pass
NV_30C	GPRS	PCS 1900	1909.8	8.14	0.0043	-2.5~2.5	Pass
NV_20C	GPRS	PCS 1900	1909.8	-11.72	-0.0061	-2.5~2.5	Pass
NV_10C	GPRS	PCS 1900	1909.8	1.36	0.0007	-2.5~2.5	Pass
NV_0C	GPRS	PCS 1900	1909.8	7.33	0.0038	-2.5~2.5	Pass
NV_-10C	GPRS	PCS 1900	1909.8	11.82	0.0062	-2.5~2.5	Pass
NV_-20C	GPRS	PCS 1900	1909.8	15.56	0.0081	-2.5~2.5	Pass
LV_NT	GPRS	PCS 1900	1909.8	9.59	0.0050	-2.5~2.5	Pass
HV_NT	GPRS	PCS 1900	1909.8	1.00	0.0005	-2.5~2.5	Pass