

FCC ID: M7C-EID1400

ANNEX A

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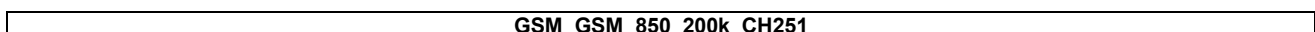
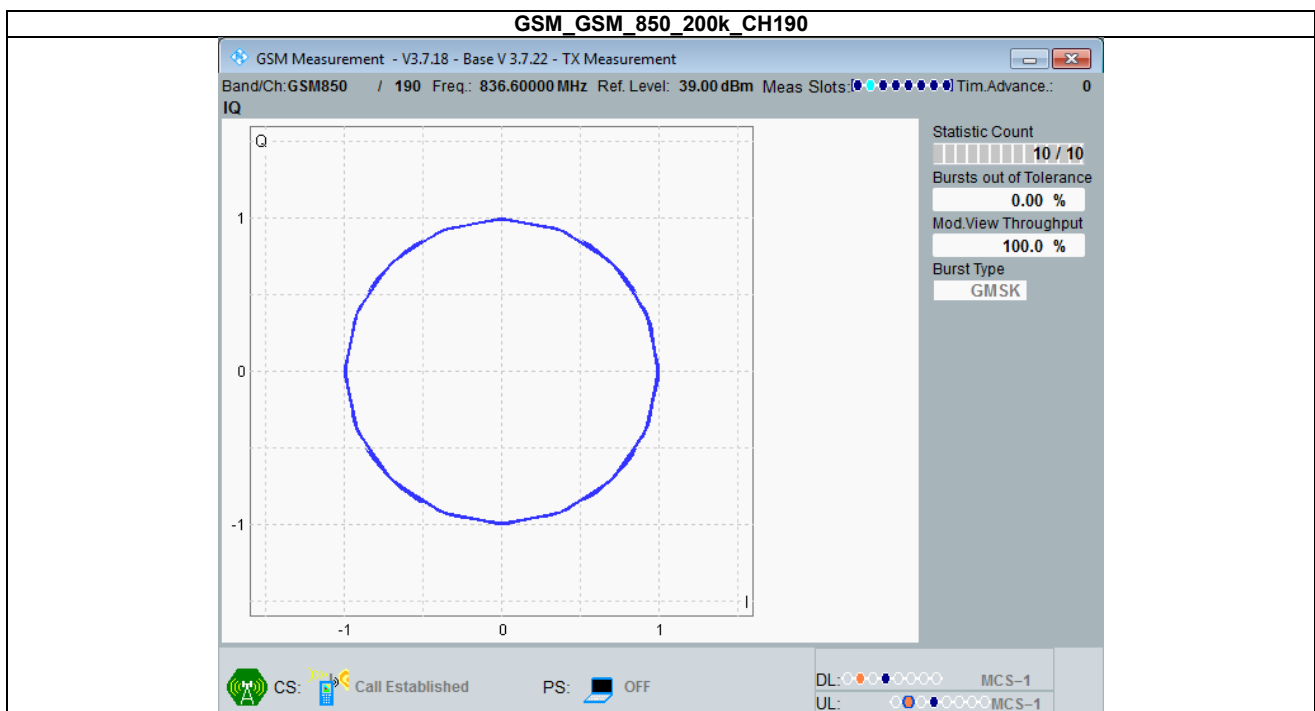
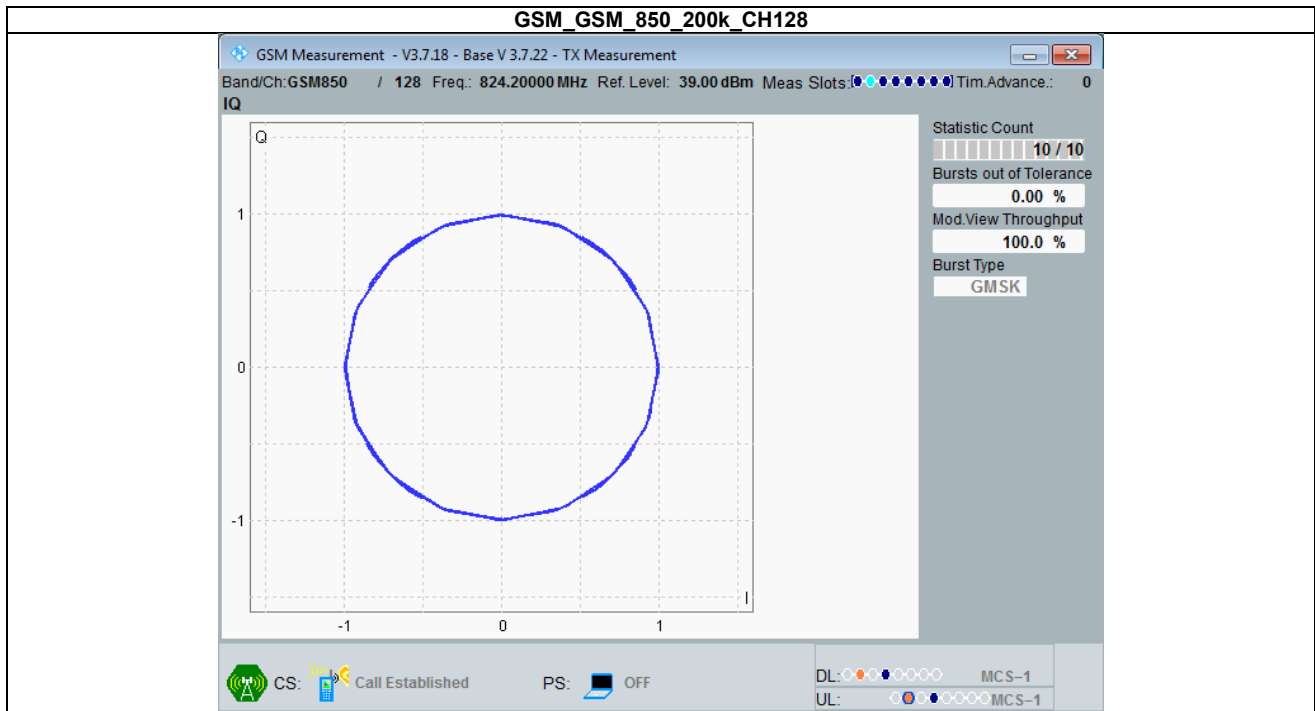
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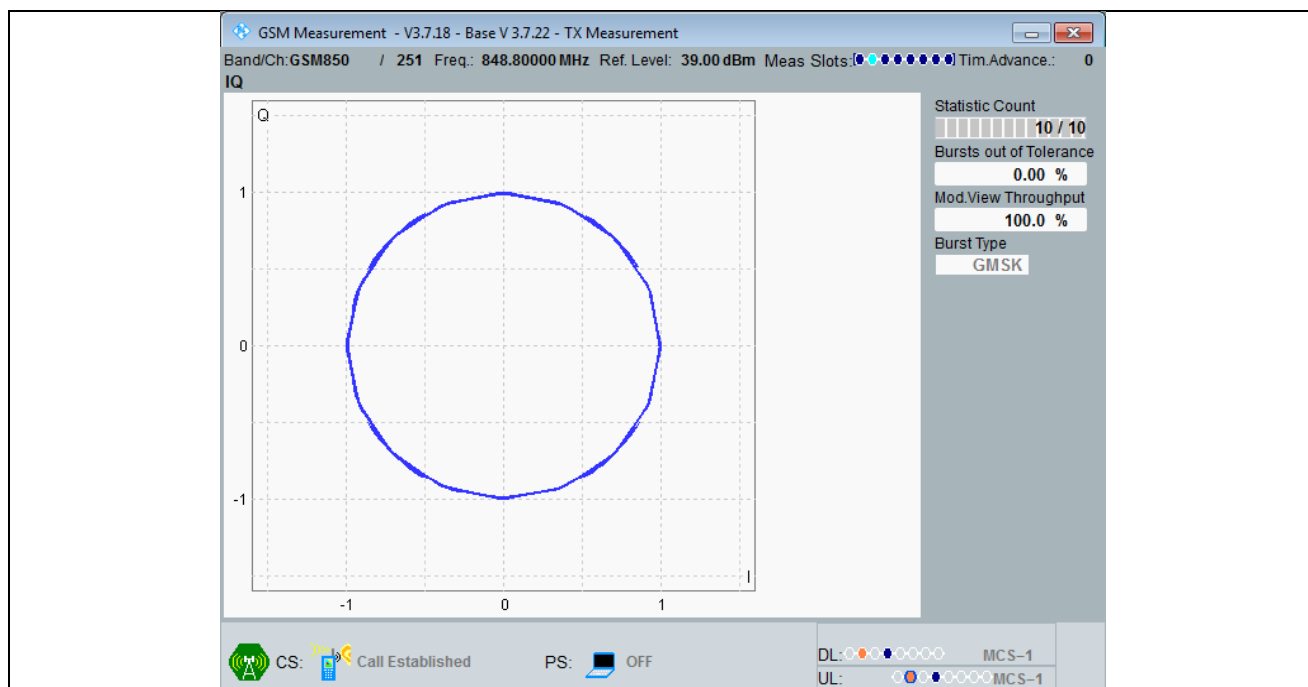
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FCC GSM 850 Test Data

1. Modulation Characteristics

Band	Modulation	Frequency(MHz)	Result
GSM 850	GMSK	824.2	See the photograph
GSM 850	GMSK	836.6	See the photograph
GSM 850	GMSK	848.8	See the photograph



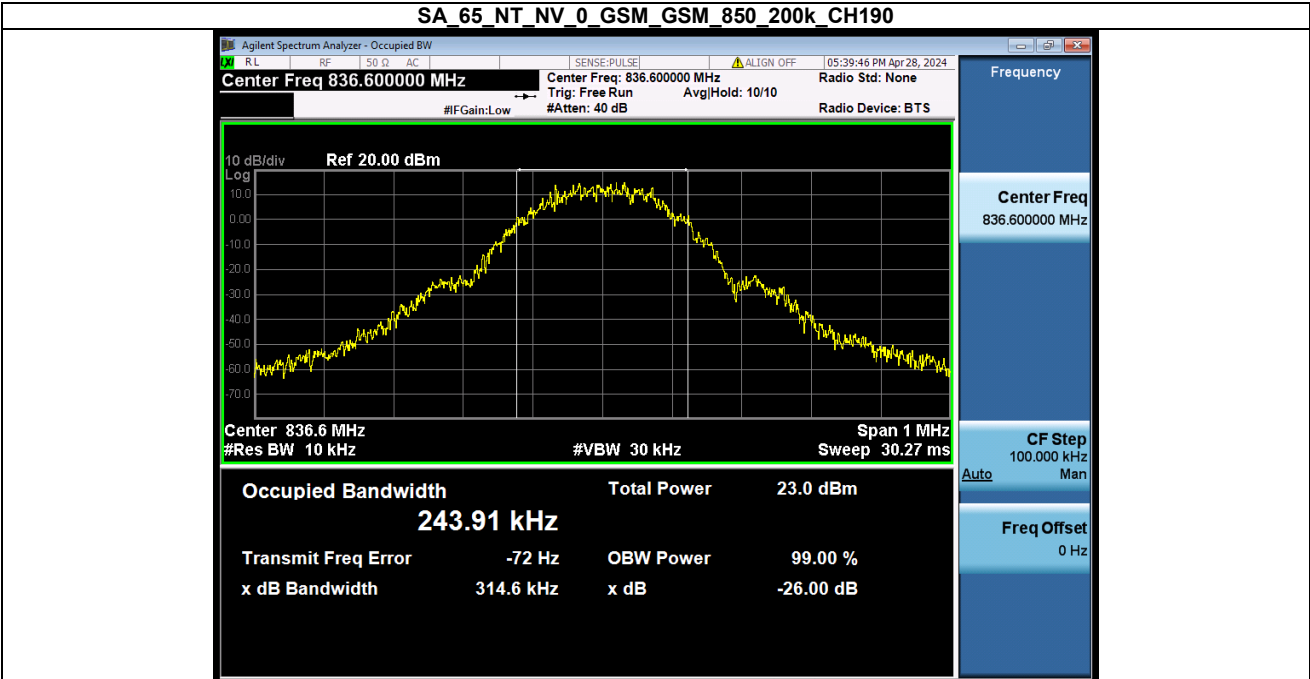
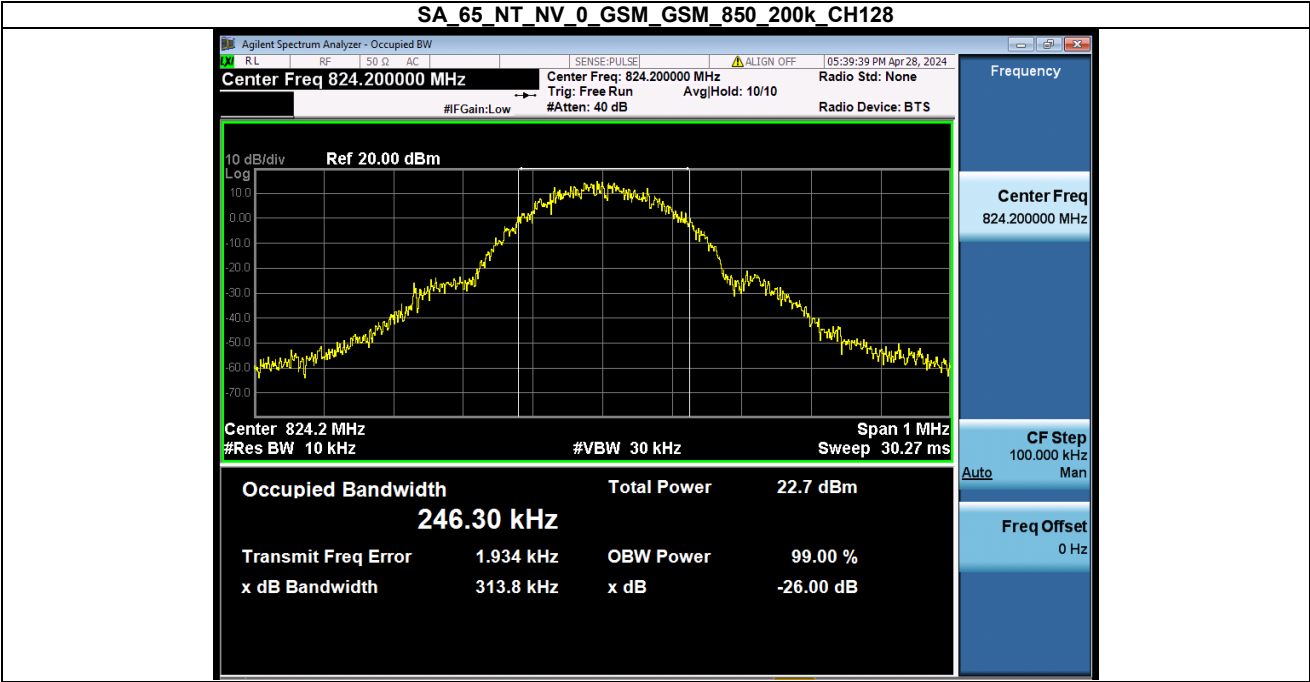


2. Conducted Output Power&&EIRP/ERP

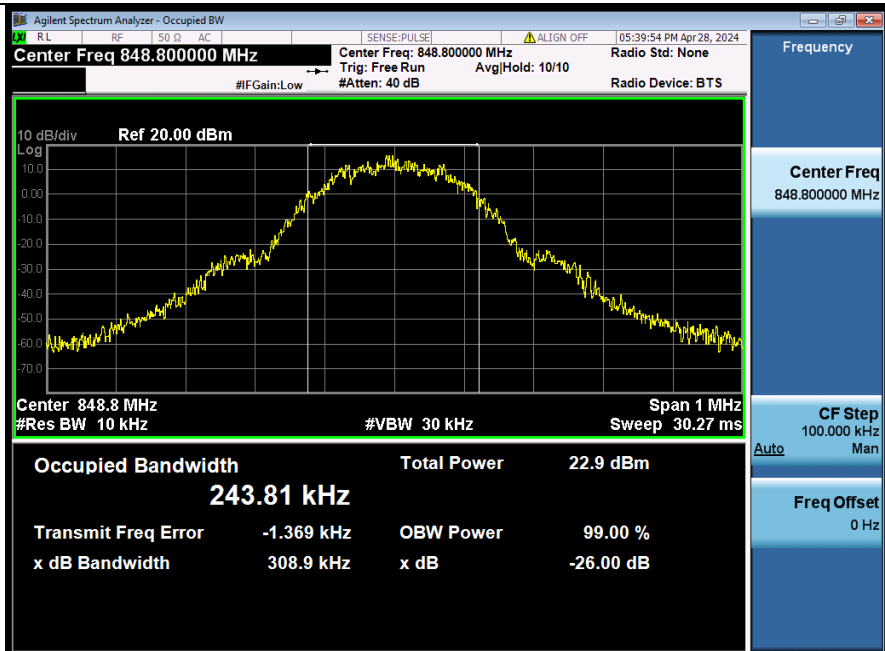
Condition	Band	Modulation	Frequency(MHz)	Conducted Power(dBm)	ANT Gain(dBi)	ERP(dBm)	ERP(mW)	limit(mW)	Result	Remark
NVNT	GSM 850	GMSK	824.2	31.31	0.5	29.66	924.70	7000	Pass	ERP = Conducted Power + ANT Gain - 2.15
NVNT	GSM 850	GMSK	836.6	31.3	0.5	29.65	922.57	7000	Pass	ERP = Conducted Power + ANT Gain - 2.15
NVNT	GSM 850	GMSK	848.8	30.98	0.5	29.33	857.04	7000	Pass	ERP = Conducted Power + ANT Gain - 2.15

3. Occupied Bandwidth

Condition	Band	Modulation	Frequency(MHz)	OBW(MHz)	-26EBW(MHz)
NVNT	GSM 850	GMSK	824.2	0.2463	0.3138
NVNT	GSM 850	GMSK	836.6	0.2437	0.3146
NVNT	GSM 850	GMSK	848.8	0.2438	0.3089

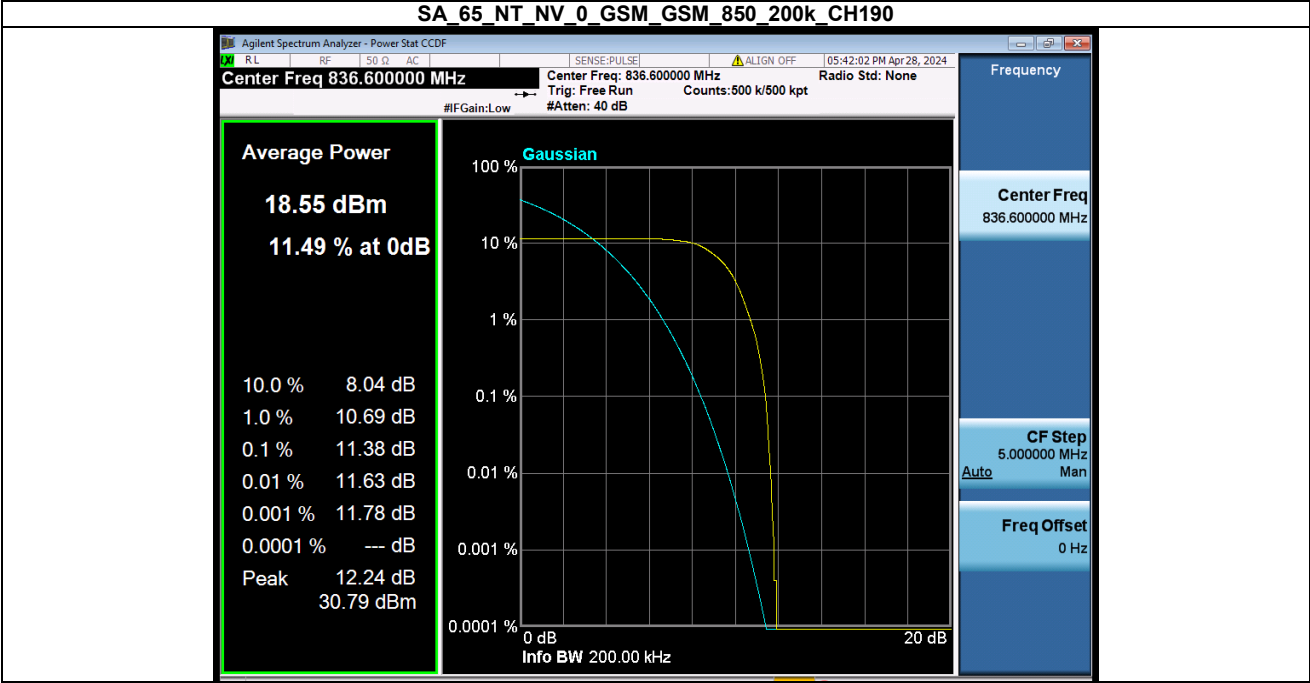
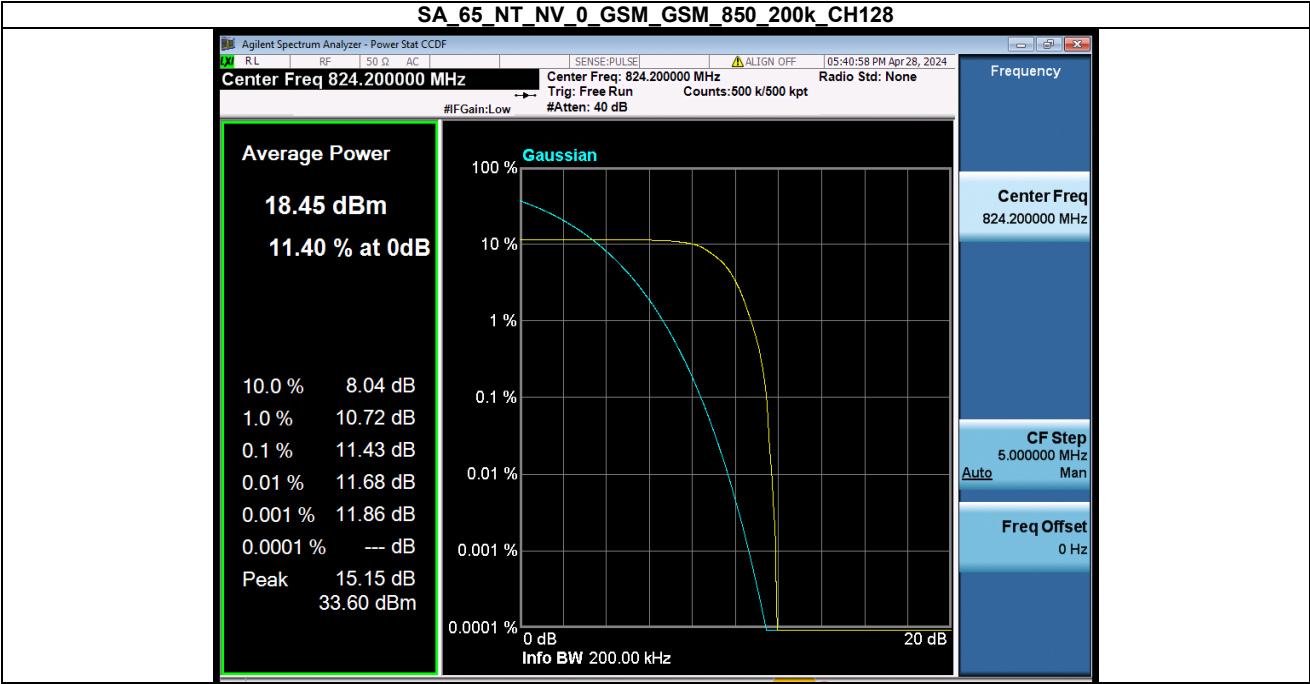


SA_65_NT_NV_0_GSM_GSM_850_200k_CH251

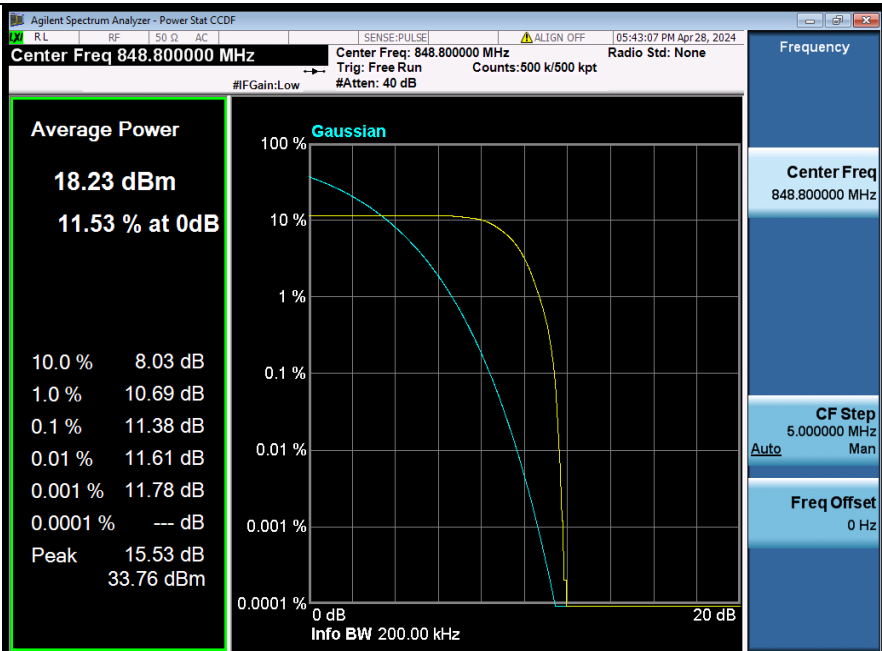


4. Peak to Average Ratio

Condition	Band	Modulation	Frequency(MHz)	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NVNT	GSM	GSM 850	824.2	11.43	13.00	Pass
NVNT	GSM	GSM 850	836.6	11.38	13.00	Pass
NVNT	GSM	GSM 850	848.8	11.38	13.00	Pass

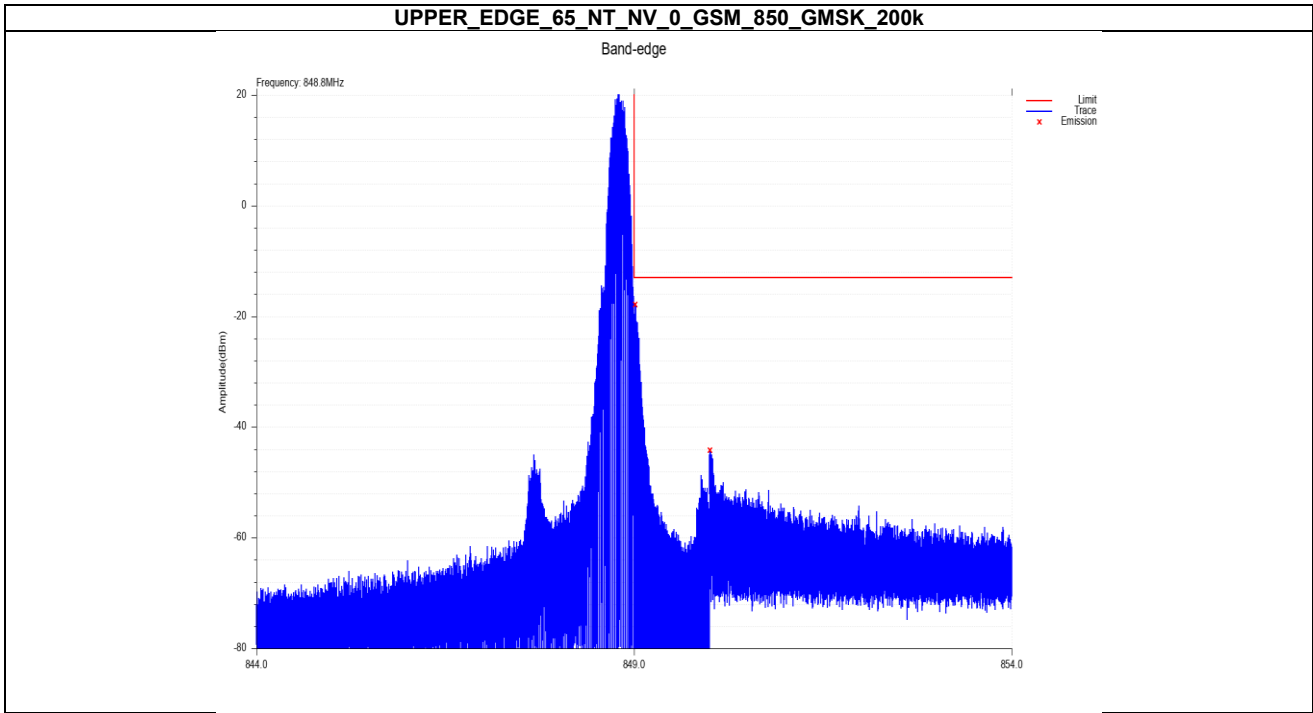
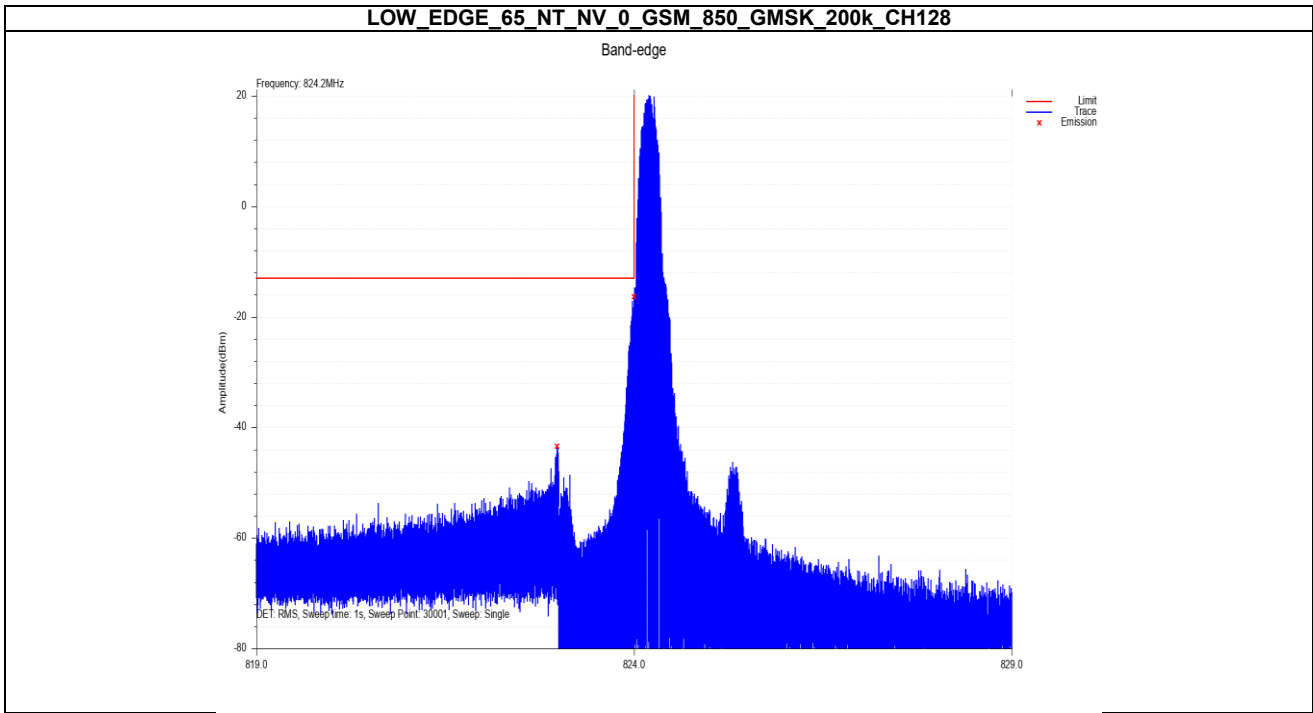


SA_65_NT_NV_0_GSM_GSM_850_200k_CH251



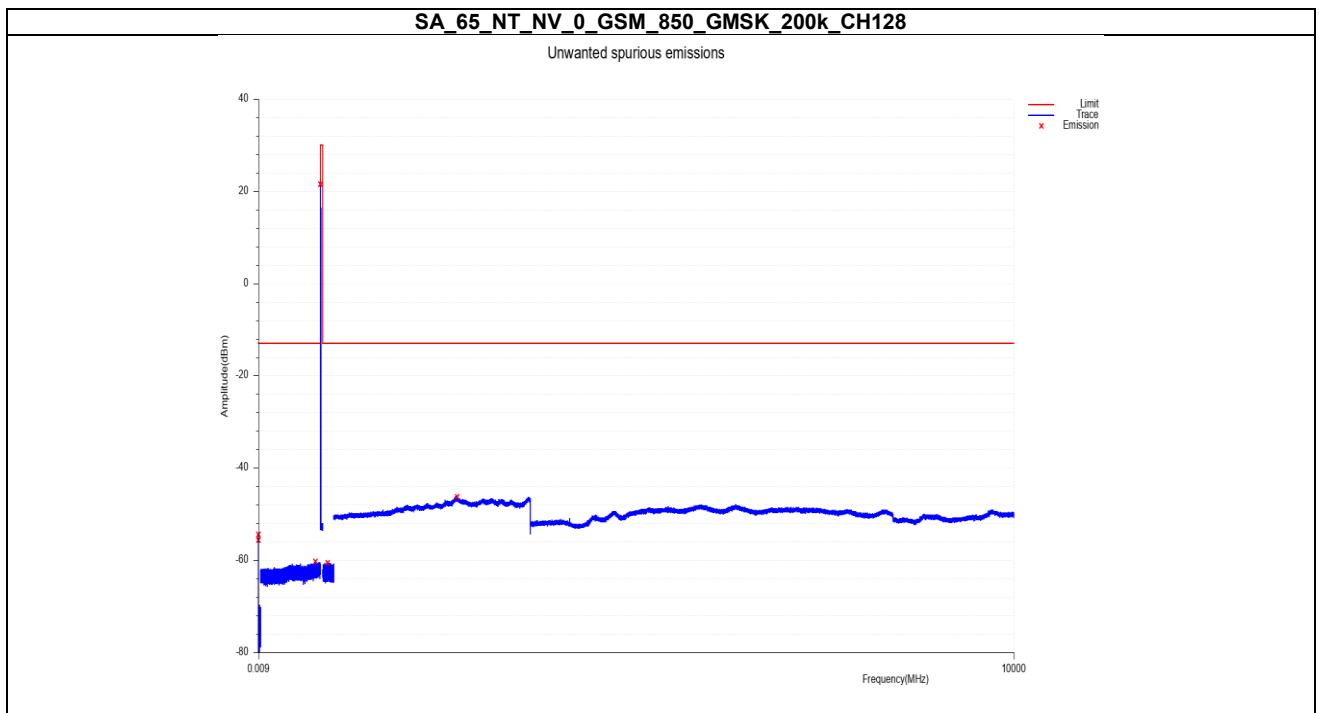
5. Unwanted Spurious Emission

Condition	Mode	Band	Frequency(MHz)	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit(dBm)	Result
NVNT	GSM 850	GMSK	824.20	1000	819.0~823.0	822.980	-43.38	-13	Pass
NVNT	GSM 850	GMSK	824.20	3	823.0~824.0	823.997	-16.36	-13	Pass
NVNT	GSM 850	GMSK	848.80	3	849.0~850.0	849.016	-17.87	-13	Pass
NVNT	GSM 850	GMSK	848.80	1000	850.0~854.0	850.005	-44.20	-13	Pass

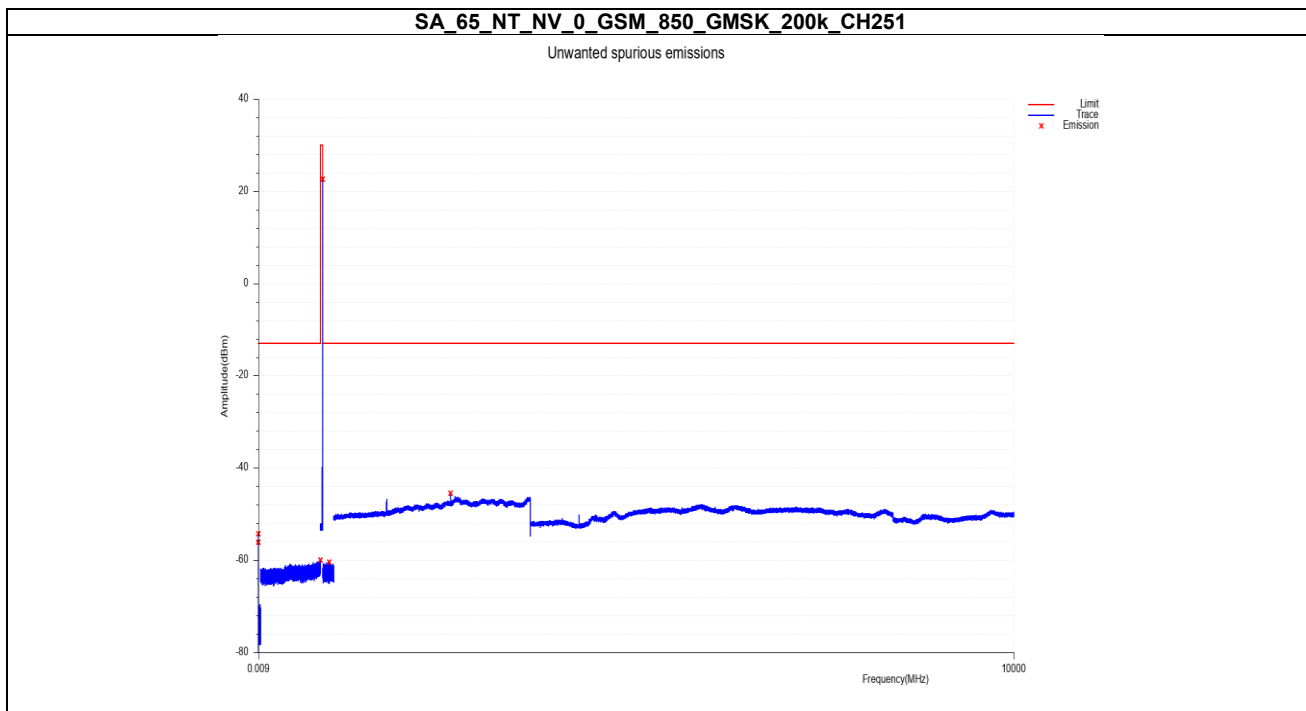
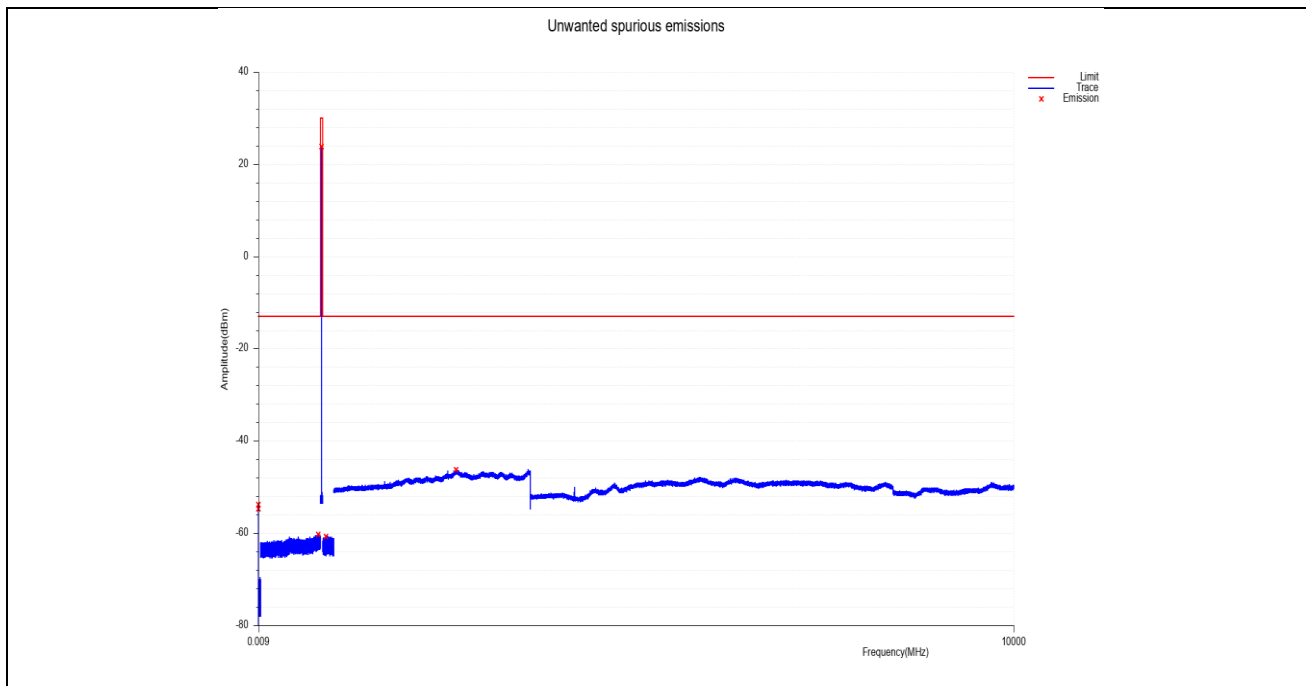


Condition	Band	Modulation	Frequency(MHz)	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit(dBm)	Result
NVNT	GSM	GMSK	824.20	1	0.009~0.150	0.009	-54.39	-13	Pass

	850								
NVNT	GSM 850	GMSK	824.20	10	0.150~30.000	0.155	-55.61	-13	Pass
NVNT	GSM 850	GMSK	824.20	100	30.000~819.000	756.301	-60.26	-13	Pass
NVNT	GSM 850	GMSK	824.20	100	854.000~1000.000	918.050	-60.60	-13	Pass
NVNT	GSM 850	GMSK	824.20	1000	1000.000~10000.000	2632.000	-46.30	-13	Pass
NVNT	GSM 850	GMSK	836.60	1	0.009~0.150	0.010	-53.87	-13	Pass
NVNT	GSM 850	GMSK	836.60	10	0.150~30.000	0.151	-54.77	-13	Pass
NVNT	GSM 850	GMSK	836.60	100	30.000~819.000	790.596	-60.34	-13	Pass
NVNT	GSM 850	GMSK	836.60	100	854.000~1000.000	892.198	-60.71	-13	Pass
NVNT	GSM 850	GMSK	836.60	1000	1000.000~10000.000	2617.600	-46.23	-13	Pass
NVNT	GSM 850	GMSK	848.80	1	0.009~0.150	0.009	-54.24	-13	Pass
NVNT	GSM 850	GMSK	848.80	10	0.150~30.000	0.150	-56.20	-13	Pass
NVNT	GSM 850	GMSK	848.80	100	30.000~819.000	817.685	-60.01	-13	Pass
NVNT	GSM 850	GMSK	848.80	100	854.000~1000.000	938.373	-60.44	-13	Pass
NVNT	GSM 850	GMSK	848.80	1000	1000.000~10000.000	2546.500	-45.44	-13	Pass



SA_65_NT_NV_0_GSM_850_GMSK_200k_CH190



6. Frequency Stability

Humidity(%)	Temperature(°C)	Voltage(V)	Amplitude(cm)	Band	Modulation	Frequency(MHz)	Frequency Stabilization (ppm)	Limit_Low(ppm)	Limit_Up(ppm)	Result
65	-30	3.3	0	GSM 850	GMSK	824.2	0.0033	-2.50	2.50	Pass
65	-30	3.3	0	GSM 850	GMSK	836.6	0.0063	-2.50	2.50	Pass
65	-30	3.3	0	GSM 850	GMSK	848.8	0.0095	-2.50	2.50	Pass
65	-30	3.8	0	GSM 850	GMSK	824.2	-0.0015	-2.50	2.50	Pass
65	-30	3.8	0	GSM 850	GMSK	836.6	0.0123	-2.50	2.50	Pass
65	-30	3.8	0	GSM 850	GMSK	848.8	0.0183	-2.50	2.50	Pass
65	-30	4.2	0	GSM 850	GMSK	824.2	0.0031	-2.50	2.50	Pass
65	-30	4.2	0	GSM 850	GMSK	836.6	0.0095	-2.50	2.50	Pass
65	-30	4.2	0	GSM 850	GMSK	848.8	0.0119	-2.50	2.50	Pass
65	-20	3.3	0	GSM 850	GMSK	824.2	0.0159	-2.50	2.50	Pass
65	-20	3.3	0	GSM 850	GMSK	836.6	0.0209	-2.50	2.50	Pass
65	-20	3.3	0	GSM 850	GMSK	848.8	0.0121	-2.50	2.50	Pass
65	-20	3.8	0	GSM 850	GMSK	824.2	0.0204	-2.50	2.50	Pass
65	-20	3.8	0	GSM 850	GMSK	836.6	0.0123	-2.50	2.50	Pass
65	-20	3.8	0	GSM 850	GMSK	848.8	0.0033	-2.50	2.50	Pass
65	-20	4.2	0	GSM 850	GMSK	824.2	0.0147	-2.50	2.50	Pass
65	-20	4.2	0	GSM 850	GMSK	836.6	0.0063	-2.50	2.50	Pass
65	-20	4.2	0	GSM 850	GMSK	848.8	0.0080	-2.50	2.50	Pass
65	-10	3.3	0	GSM 850	GMSK	824.2	0.0042	-2.50	2.50	Pass
65	-10	3.3	0	GSM 850	GMSK	836.6	0.0049	-2.50	2.50	Pass
65	-10	3.3	0	GSM 850	GMSK	848.8	0.0137	-2.50	2.50	Pass
65	-10	3.8	0	GSM 850	GMSK	824.2	0.0098	-2.50	2.50	Pass
65	-10	3.8	0	GSM 850	GMSK	836.6	0.0056	-2.50	2.50	Pass
65	-10	3.8	0	GSM 850	GMSK	848.8	0.0079	-2.50	2.50	Pass
65	-10	4.2	0	GSM 850	GMSK	824.2	0.0025	-2.50	2.50	Pass
65	-10	4.2	0	GSM 850	GMSK	836.6	0.0057	-2.50	2.50	Pass
65	-10	4.2	0	GSM 850	GMSK	848.8	0.0138	-2.50	2.50	Pass
65	0	3.3	0	GSM 850	GMSK	824.2	0.0110	-2.50	2.50	Pass
65	0	3.3	0	GSM 850	GMSK	836.6	0.0174	-2.50	2.50	Pass
65	0	3.3	0	GSM 850	GMSK	848.8	0.0078	-2.50	2.50	Pass
65	0	3.8	0	GSM 850	GMSK	824.2	0.0138	-2.50	2.50	Pass
65	0	3.8	0	GSM 850	GMSK	836.6	0.0059	-2.50	2.50	Pass
65	0	3.8	0	GSM 850	GMSK	848.8	0.0112	-2.50	2.50	Pass
65	0	4.2	0	GSM 850	GMSK	824.2	0.0099	-2.50	2.50	Pass

				850						
65	0	4.2	0	GSM 850	GMSK	836.6	0.0091	-2.50	2.50	Pass
65	0	4.2	0	GSM 850	GMSK	848.8	0.0086	-2.50	2.50	Pass
65	10	3.3	0	GSM 850	GMSK	824.2	0.0049	-2.50	2.50	Pass
65	10	3.3	0	GSM 850	GMSK	836.6	0.0168	-2.50	2.50	Pass
65	10	3.3	0	GSM 850	GMSK	848.8	0.0135	-2.50	2.50	Pass
65	10	3.8	0	GSM 850	GMSK	824.2	0.0025	-2.50	2.50	Pass
65	10	3.8	0	GSM 850	GMSK	836.6	0.0074	-2.50	2.50	Pass
65	10	3.8	0	GSM 850	GMSK	848.8	0.0135	-2.50	2.50	Pass
65	10	4.2	0	GSM 850	GMSK	824.2	0.0003	-2.50	2.50	Pass
65	10	4.2	0	GSM 850	GMSK	836.6	0.0129	-2.50	2.50	Pass
65	10	4.2	0	GSM 850	GMSK	848.8	0.0100	-2.50	2.50	Pass
65	20	3.3	0	GSM 850	GMSK	824.2	0.0119	-2.50	2.50	Pass
65	20	3.3	0	GSM 850	GMSK	836.6	0.0125	-2.50	2.50	Pass
65	20	3.3	0	GSM 850	GMSK	848.8	0.0067	-2.50	2.50	Pass
65	20	3.8	0	GSM 850	GMSK	824.2	0.0067	-2.50	2.50	Pass
65	20	3.8	0	GSM 850	GMSK	836.6	0.0061	-2.50	2.50	Pass
65	20	3.8	0	GSM 850	GMSK	848.8	0.0153	-2.50	2.50	Pass
65	20	4.2	0	GSM 850	GMSK	824.2	0.0118	-2.50	2.50	Pass
65	20	4.2	0	GSM 850	GMSK	836.6	0.0124	-2.50	2.50	Pass
65	20	4.2	0	GSM 850	GMSK	848.8	0.0122	-2.50	2.50	Pass
65	30	3.3	0	GSM 850	GMSK	824.2	0.0089	-2.50	2.50	Pass
65	30	3.3	0	GSM 850	GMSK	836.6	0.0050	-2.50	2.50	Pass
65	30	3.3	0	GSM 850	GMSK	848.8	0.0079	-2.50	2.50	Pass
65	30	3.8	0	GSM 850	GMSK	824.2	0.0077	-2.50	2.50	Pass
65	30	3.8	0	GSM 850	GMSK	836.6	0.0147	-2.50	2.50	Pass
65	30	3.8	0	GSM 850	GMSK	848.8	0.0029	-2.50	2.50	Pass
65	30	4.2	0	GSM 850	GMSK	824.2	0.0121	-2.50	2.50	Pass
65	30	4.2	0	GSM 850	GMSK	836.6	0.0060	-2.50	2.50	Pass
65	30	4.2	0	GSM 850	GMSK	848.8	0.0012	-2.50	2.50	Pass
65	40	3.3	0	GSM 850	GMSK	824.2	0.0078	-2.50	2.50	Pass
65	40	3.3	0	GSM 850	GMSK	836.6	0.0131	-2.50	2.50	Pass
65	40	3.3	0	GSM 850	GMSK	848.8	0.0097	-2.50	2.50	Pass
65	40	3.8	0	GSM 850	GMSK	824.2	0.0136	-2.50	2.50	Pass
65	40	3.8	0	GSM 850	GMSK	836.6	0.0030	-2.50	2.50	Pass
65	40	3.8	0	GSM 850	GMSK	848.8	0.0049	-2.50	2.50	Pass
65	40	4.2	0	GSM 850	GMSK	824.2	0.0046	-2.50	2.50	Pass
65	40	4.2	0	GSM 850	GMSK	836.6	0.0169	-2.50	2.50	Pass
65	40	4.2	0	GSM 850	GMSK	848.8	0.0034	-2.50	2.50	Pass

65	50	3.3	0	GSM 850	GMSK	824.2	0.0052	-2.50	2.50	Pass
65	50	3.3	0	GSM 850	GMSK	836.6	0.0079	-2.50	2.50	Pass
65	50	3.3	0	GSM 850	GMSK	848.8	0.0097	-2.50	2.50	Pass
65	50	3.8	0	GSM 850	GMSK	824.2	0.0141	-2.50	2.50	Pass
65	50	3.8	0	GSM 850	GMSK	836.6	0.0096	-2.50	2.50	Pass
65	50	3.8	0	GSM 850	GMSK	848.8	0.0183	-2.50	2.50	Pass
65	50	4.2	0	GSM 850	GMSK	824.2	0.0065	-2.50	2.50	Pass
65	50	4.2	0	GSM 850	GMSK	836.6	0.0109	-2.50	2.50	Pass
65	50	4.2	0	GSM 850	GMSK	848.8	0.0166	-2.50	2.50	Pass