

FCC ID: M7C-EID1400

ANNEX A

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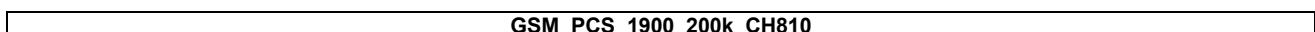
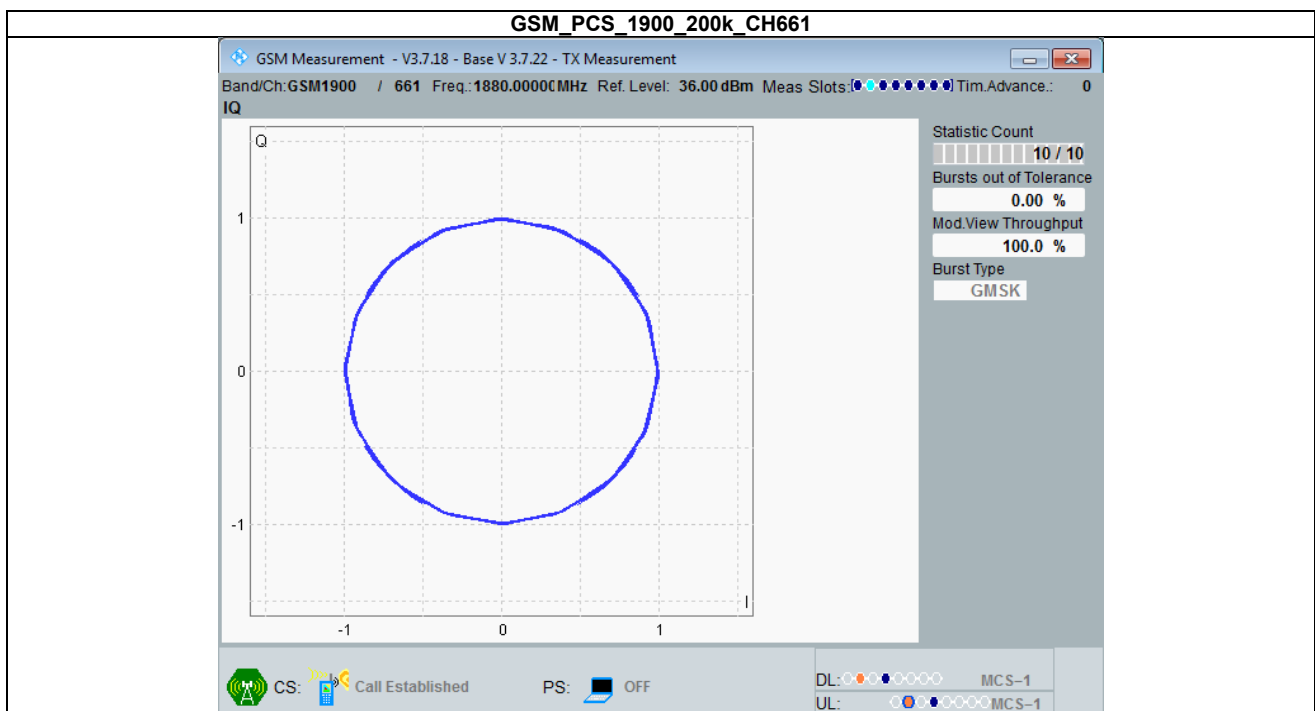
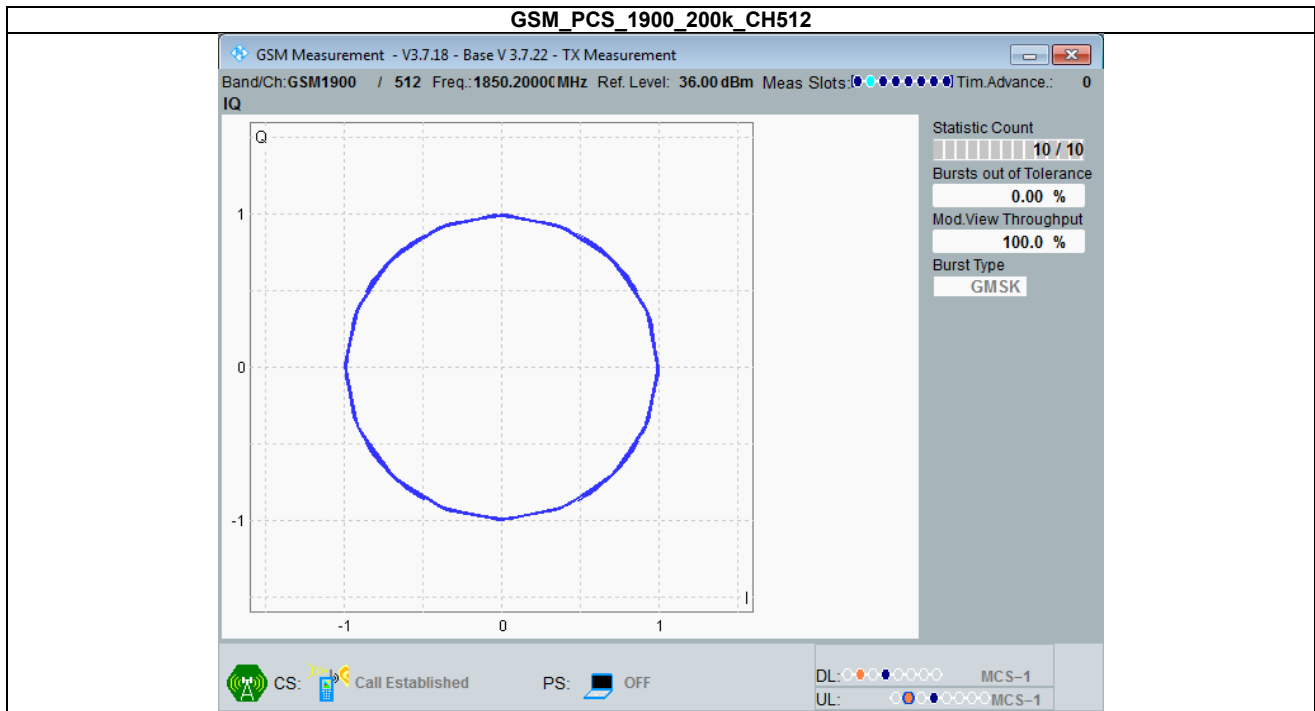
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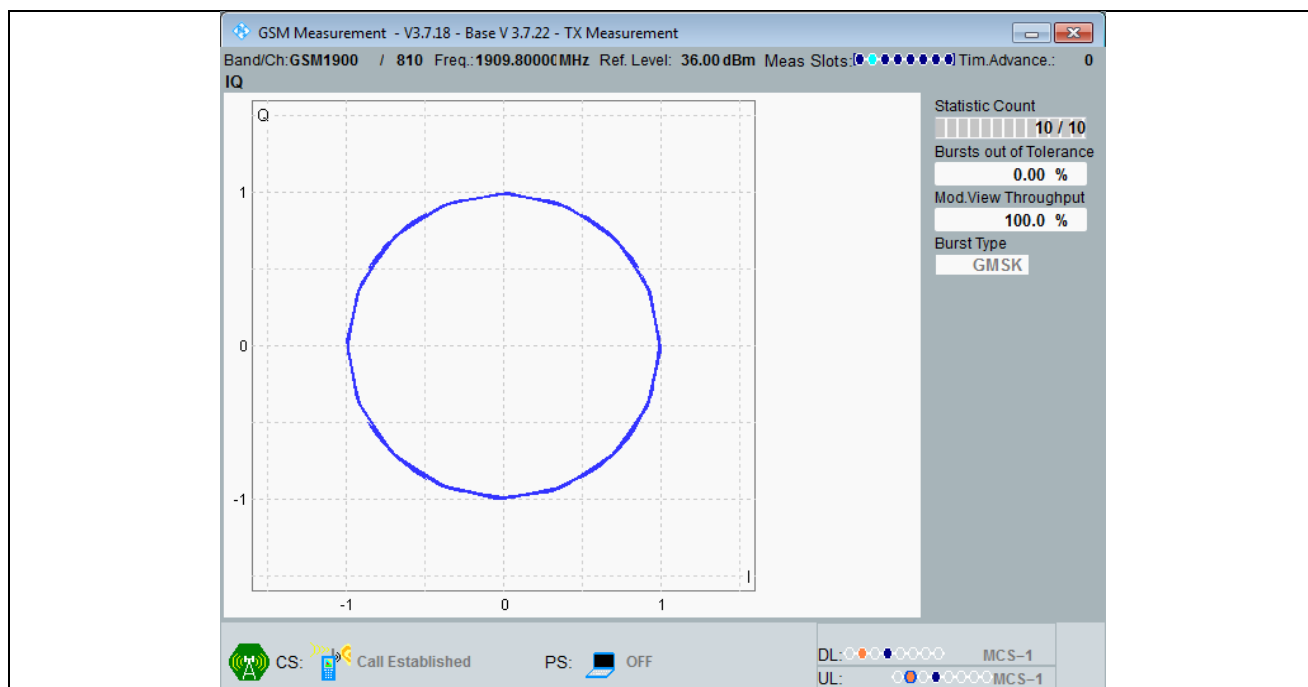
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FCC PCS 1900 Test Data

1. Modulation Characteristics

Band	Modulation	Frequency(MHz)	Result
PCS 1900	GMSK	1850.2	See the photograph
PCS 1900	GMSK	1880.0	See the photograph
PCS 1900	GMSK	1909.8	See the photograph



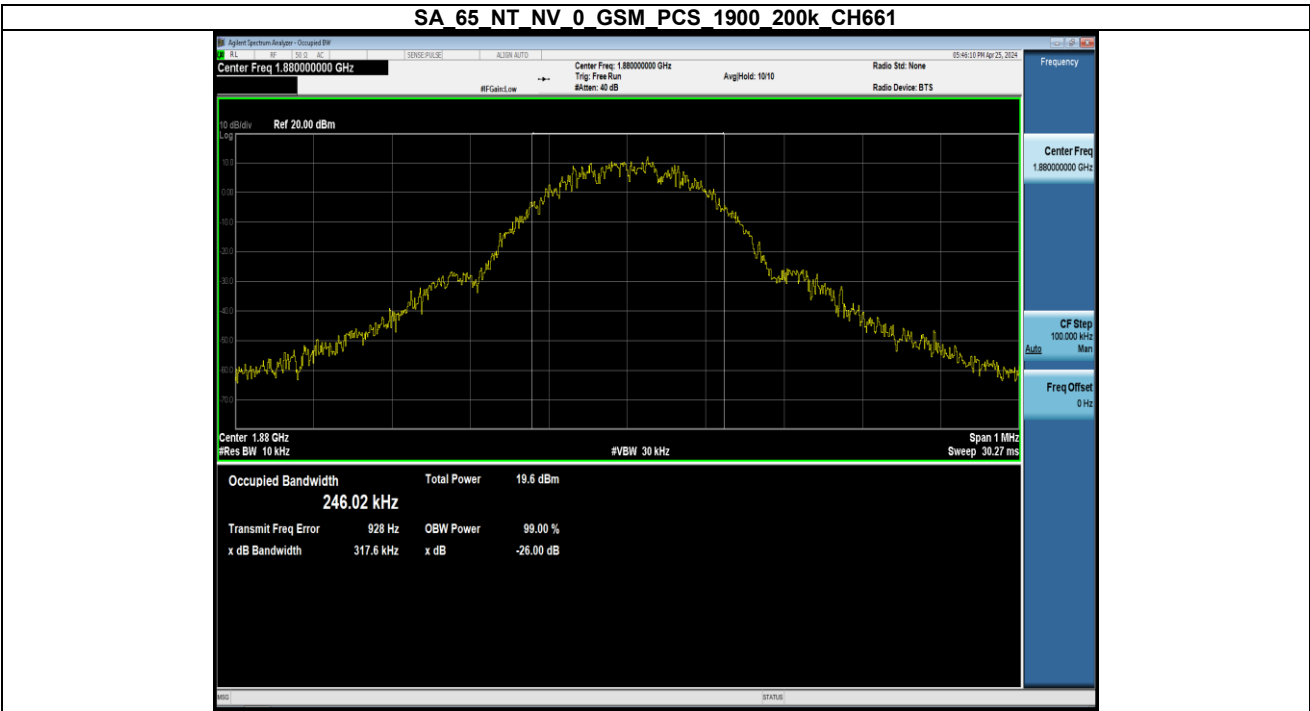
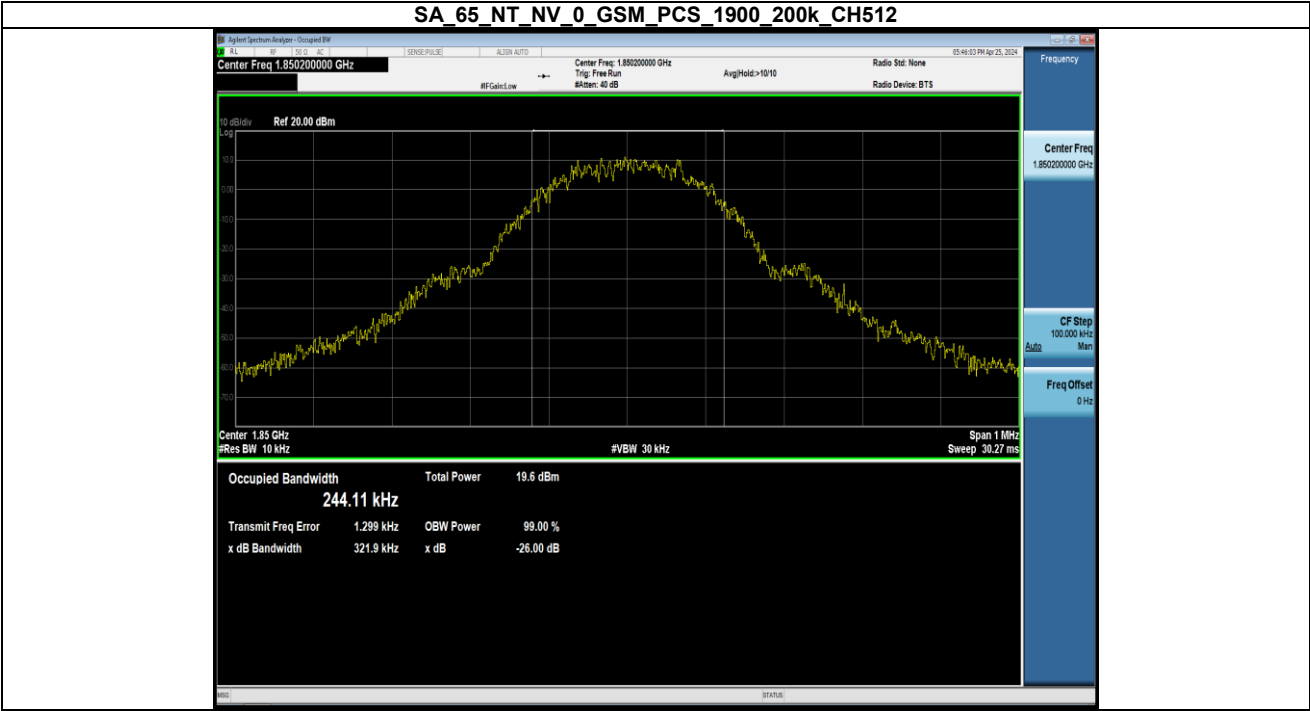


2. Conducted Output Power&&EIRP/ERP

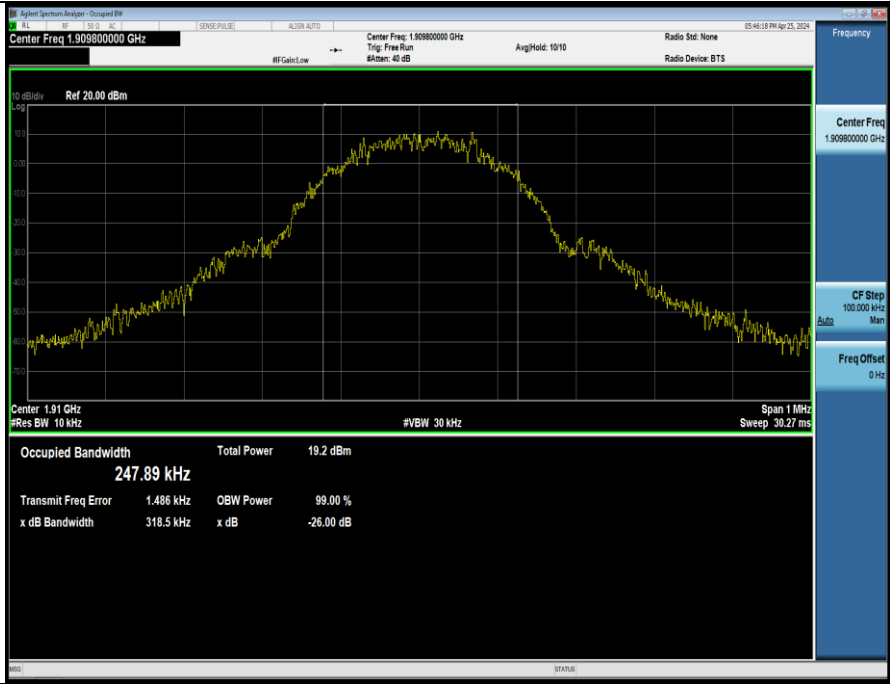
Condition	Band	Modulation	Frequency(MHz)	Conducted Power(dBm)	ANT Gain(dBi)	EIRP(dBm)	EIRP(mW)	limit(mW)	Result	Remark
NVNT	PCS 1900	GMSK	1850.2	28.36	-2	26.36	432.51	2000	Pass	EIRP = Conducted Power + ANT Gain
NVNT	PCS 1900	GMSK	1880.0	28.43	-2	26.43	439.54	2000	Pass	EIRP = Conducted Power + ANT Gain
NVNT	PCS 1900	GMSK	1909.8	28.35	-2	26.35	431.52	2000	Pass	EIRP = Conducted Power + ANT Gain

3. Occupied Bandwidth

Condition	Band	Modulation	Frequency(MHz)	OBW(MHz)	-26EBW(MHz)
NVNT	PCS 1900	GMSK	1850.2	0.2441	0.3219
NVNT	PCS 1900	GMSK	1880.0	0.2460	0.3176
NVNT	PCS 1900	GMSK	1909.8	0.2479	0.3185

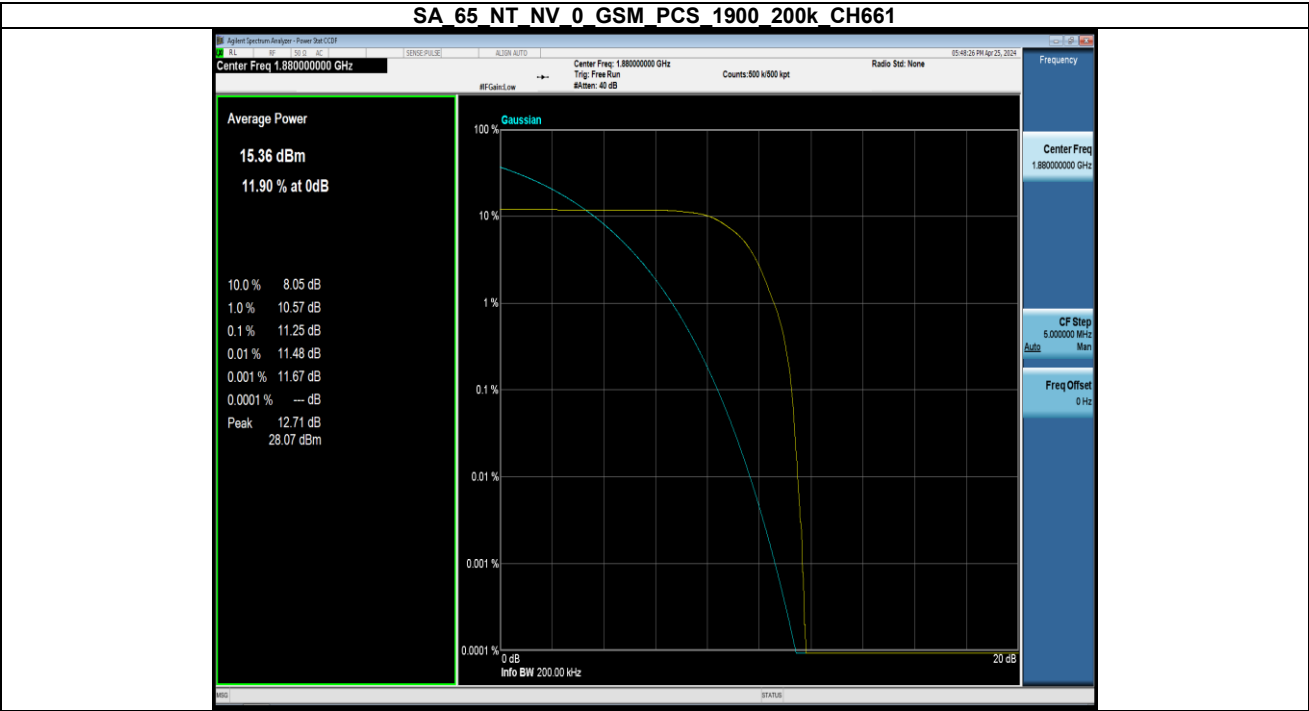
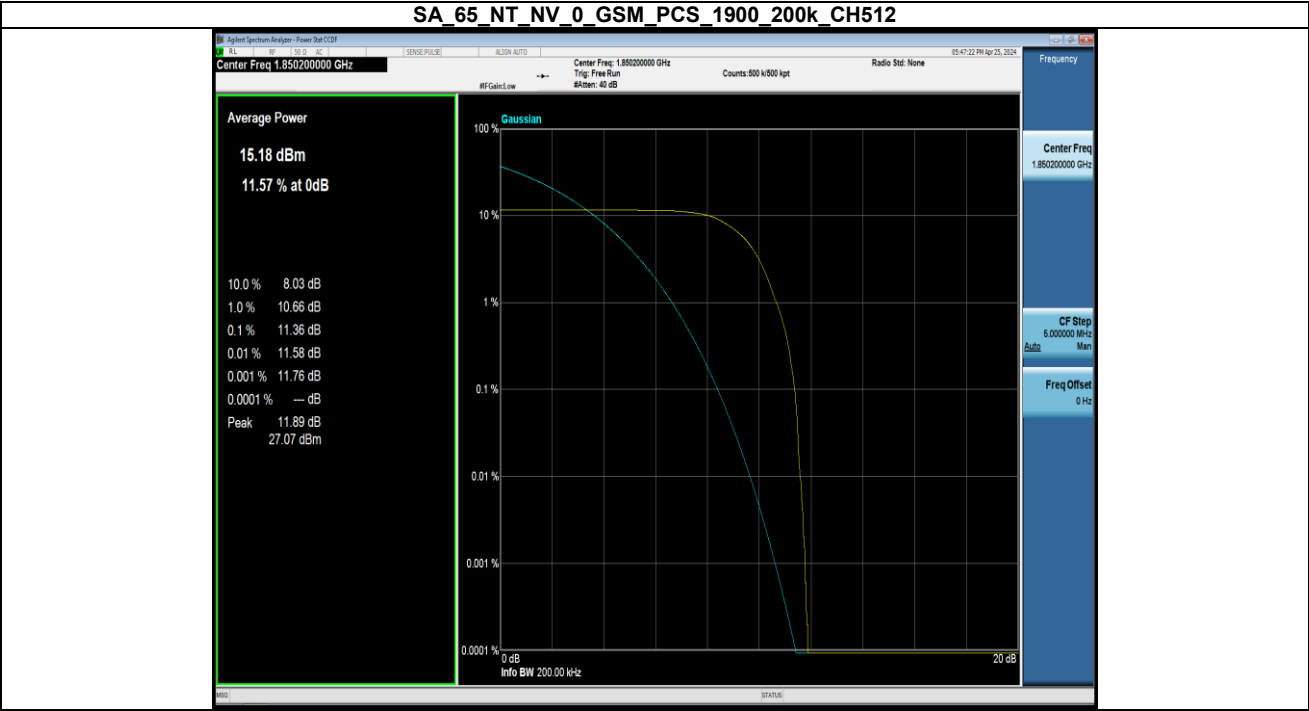


SA 65 NT NV 0 GSM PCS 1900 200k CH810

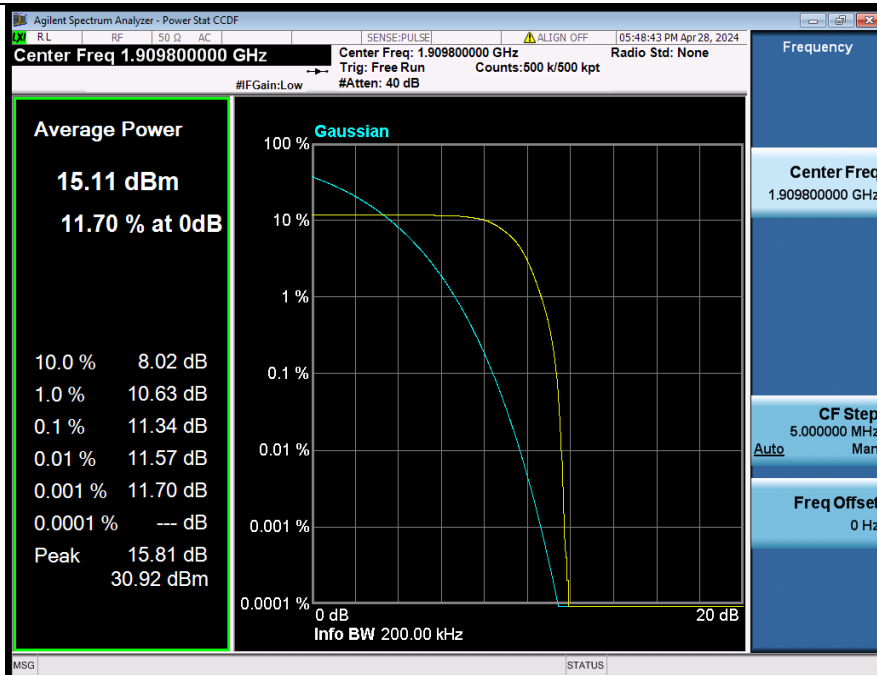


4. Peak to Average Ratio

Condition	Band	Modulation	Frequency(MHz)	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NVNT	GSM	PCS 1900	1850.2	11.36	13.00	Pass
NVNT	GSM	PCS 1900	1880.0	11.25	13.00	Pass
NVNT	GSM	PCS 1900	1909.8	11.34	13.00	Pass

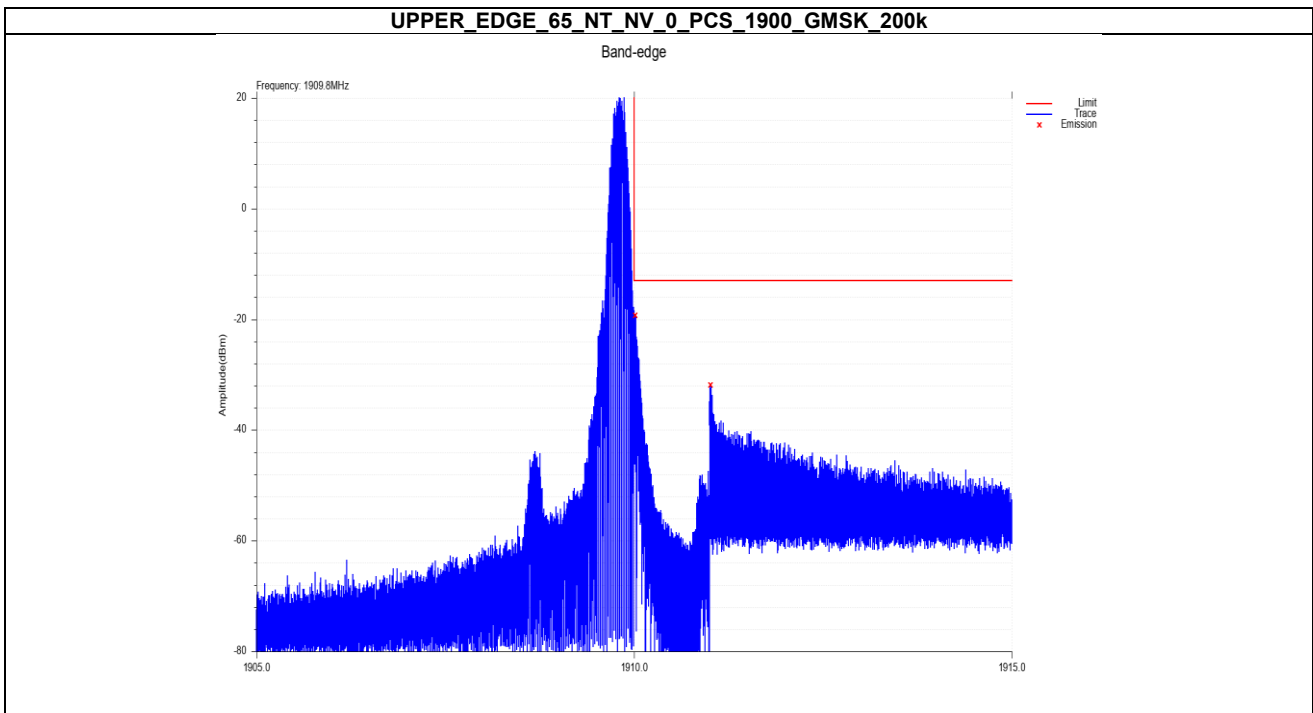
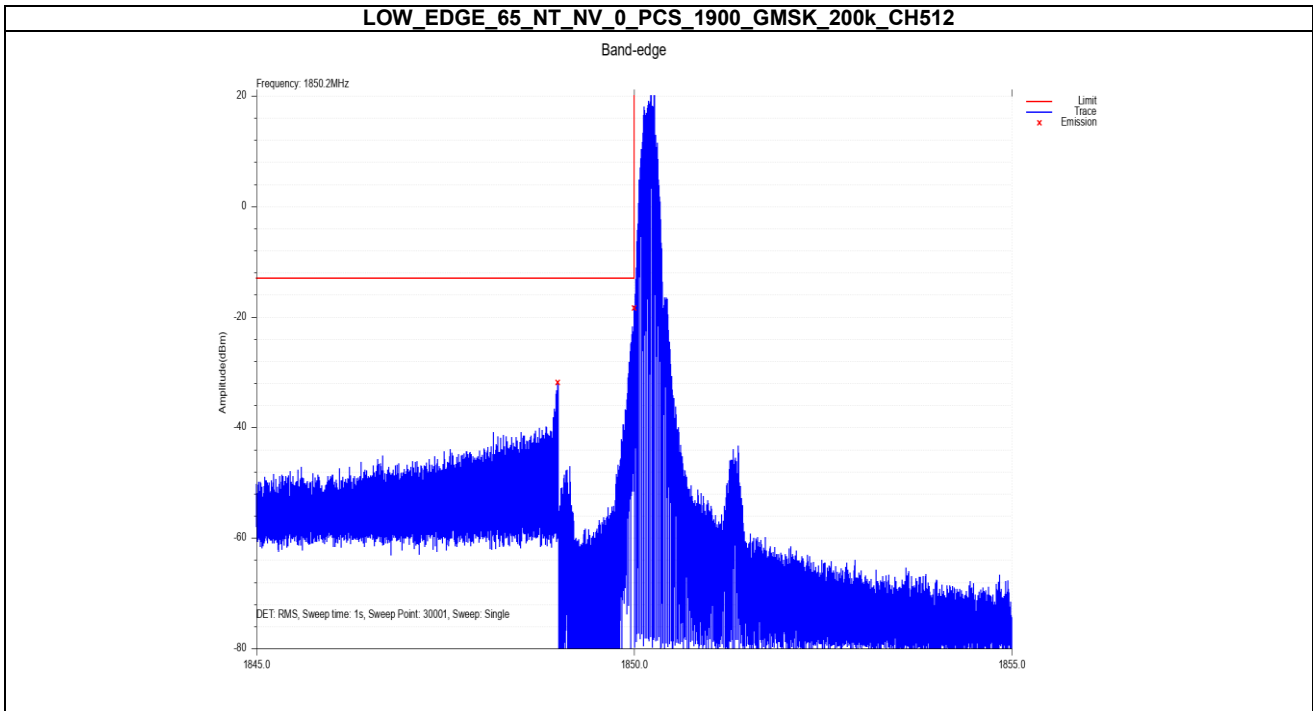


SA 65 NT NV 0 GSM PCS 1900 200k CH810



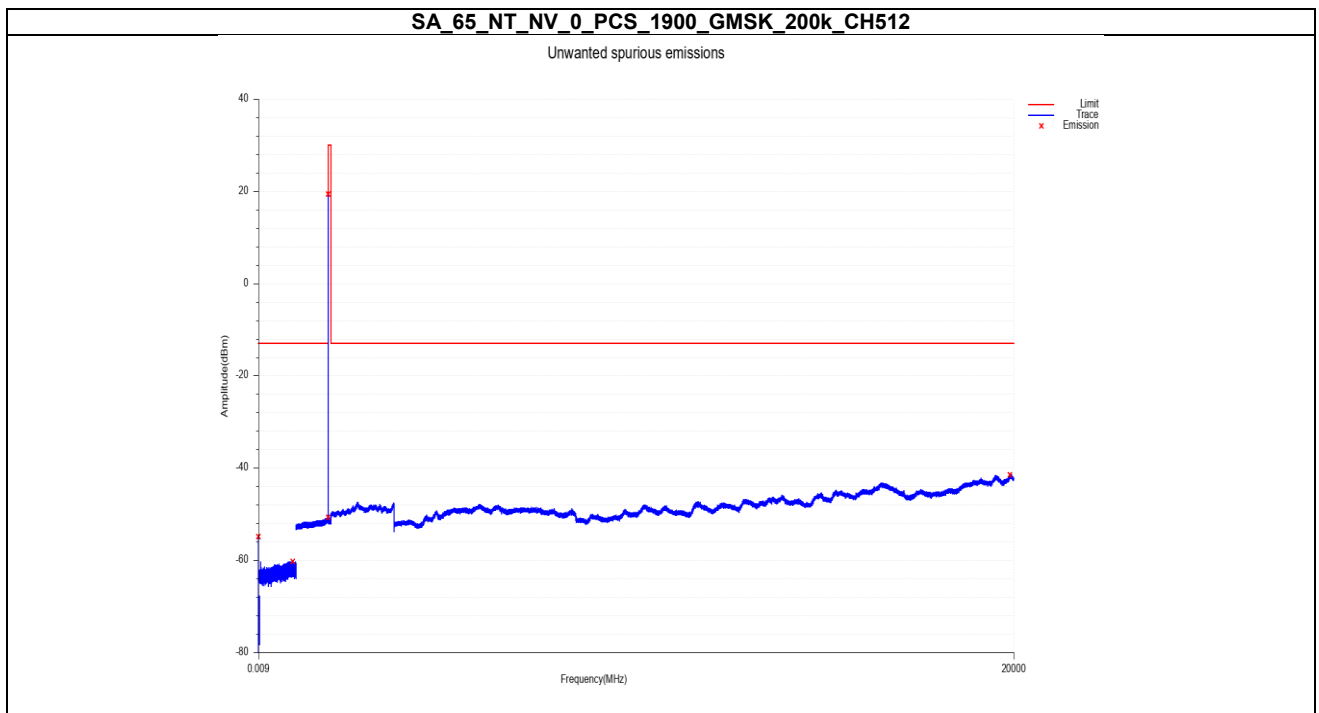
5. Unwanted Spurious Emission

Condition	Mode	Band	Frequency(MHz)	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit(dBm)	Result
NVNT	PCS 1900	GMSK	1850.20	1000	1845.0~1849.0	1848.986	-31.84	-13	Pass
NVNT	PCS 1900	GMSK	1850.20	3	1849.0~1850.0	1849.997	-18.41	-13	Pass
NVNT	PCS 1900	GMSK	1909.80	3	1910.0~1911.0	1910.018	-19.33	-13	Pass
NVNT	PCS 1900	GMSK	1909.80	1000	1911.0~1915.0	1911.014	-31.88	-13	Pass

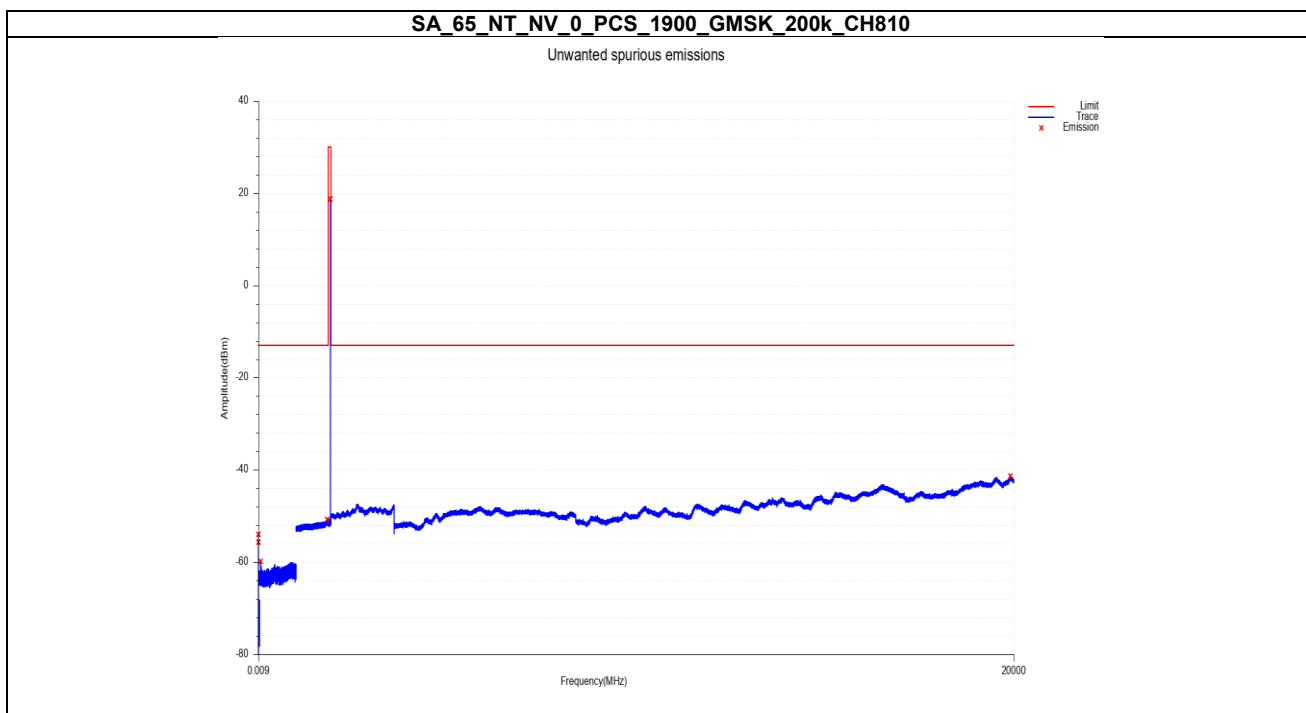
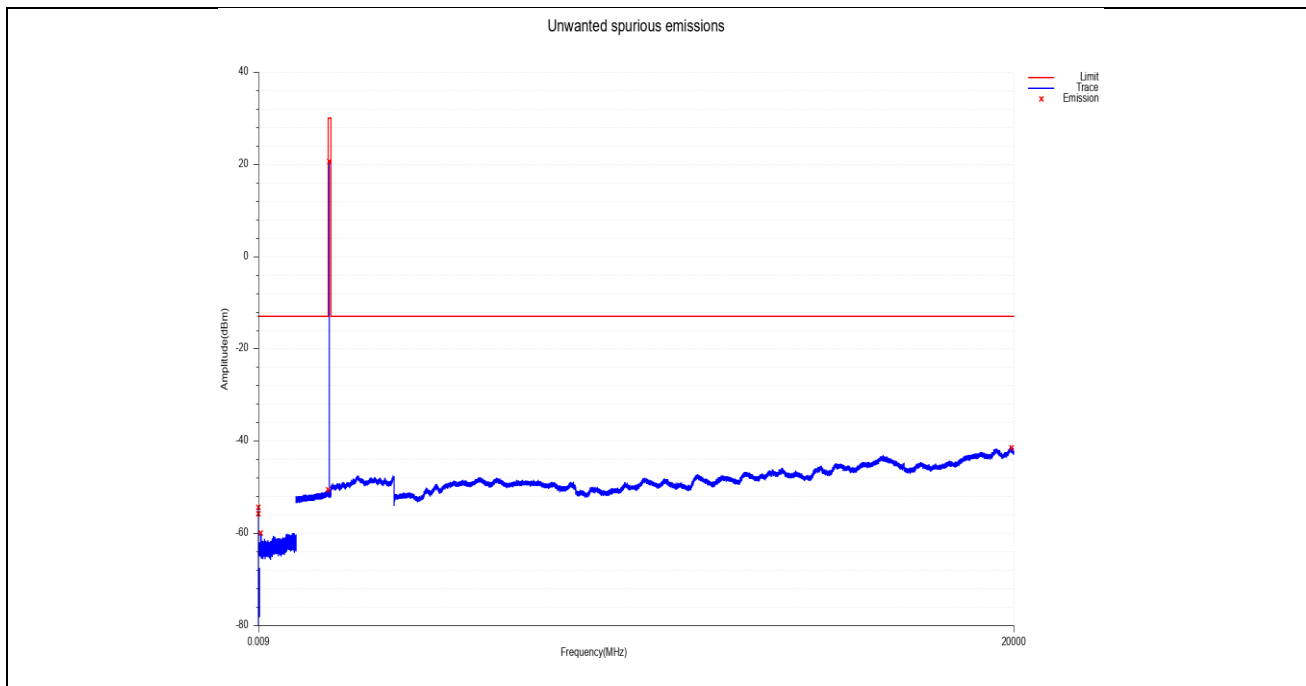


Condition	Band	Modulation	Frequency(MHz)	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit(dBm)	Result
NVNT	PCS	GMSK	1850.20	1	0.009~0.150	0.011	-54.83	-13	Pass

	1900								
NVNT	PCS 1900	GMSK	1850.20	10	0.150~30.000	0.156	-54.95	-13	Pass
NVNT	PCS 1900	GMSK	1850.20	100	30.000~1000.000	907.591	-60.33	-13	Pass
NVNT	PCS 1900	GMSK	1850.20	1000	1000.000~1845.000	1844.859	-50.70	-13	Pass
NVNT	PCS 1900	GMSK	1850.20	1000	1915.000~20000.000	19899.327	-41.42	-13	Pass
NVNT	PCS 1900	GMSK	1880.00	1	0.009~0.150	0.012	-54.46	-13	Pass
NVNT	PCS 1900	GMSK	1880.00	10	0.150~30.000	0.150	-55.82	-13	Pass
NVNT	PCS 1900	GMSK	1880.00	100	30.000~1000.000	65.049	-59.97	-13	Pass
NVNT	PCS 1900	GMSK	1880.00	1000	1000.000~1845.000	1842.043	-50.64	-13	Pass
NVNT	PCS 1900	GMSK	1880.00	1000	1915.000~20000.000	19934.291	-41.54	-13	Pass
NVNT	PCS 1900	GMSK	1909.80	1	0.009~0.150	0.009	-53.96	-13	Pass
NVNT	PCS 1900	GMSK	1909.80	10	0.150~30.000	0.150	-55.73	-13	Pass
NVNT	PCS 1900	GMSK	1909.80	100	30.000~1000.000	65.017	-59.83	-13	Pass
NVNT	PCS 1900	GMSK	1909.80	1000	1000.000~1845.000	1822.185	-50.68	-13	Pass
NVNT	PCS 1900	GMSK	1909.80	1000	1915.000~20000.000	19904.752	-41.27	-13	Pass



SA_65_NT_NV_0_PCS_1900_GMSK_200k_CH661



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	PCS 1900	GMSK	1850.2	0.0040	-2.50	2.50	Pass
65	-30	3.3	0	PCS 1900	GMSK	1880.0	0.0049	-2.50	2.50	Pass
65	-30	3.3	0	PCS 1900	GMSK	1909.8	0.0022	-2.50	2.50	Pass
65	-30	3.8	0	PCS 1900	GMSK	1850.2	0.0068	-2.50	2.50	Pass
65	-30	3.8	0	PCS 1900	GMSK	1880.0	-0.0007	-2.50	2.50	Pass
65	-30	3.8	0	PCS 1900	GMSK	1909.8	0.0015	-2.50	2.50	Pass
65	-30	4.2	0	PCS 1900	GMSK	1850.2	0.0024	-2.50	2.50	Pass
65	-30	4.2	0	PCS 1900	GMSK	1880.0	0.0099	-2.50	2.50	Pass
65	-30	4.2	0	PCS 1900	GMSK	1909.8	0.0074	-2.50	2.50	Pass
65	-20	3.3	0	PCS 1900	GMSK	1850.2	0.0034	-2.50	2.50	Pass
65	-20	3.3	0	PCS 1900	GMSK	1880.0	0.0057	-2.50	2.50	Pass
65	-20	3.3	0	PCS 1900	GMSK	1909.8	0.0057	-2.50	2.50	Pass
65	-20	3.8	0	PCS 1900	GMSK	1850.2	0.0022	-2.50	2.50	Pass
65	-20	3.8	0	PCS 1900	GMSK	1880.0	0.0007	-2.50	2.50	Pass
65	-20	3.8	0	PCS 1900	GMSK	1909.8	0.0038	-2.50	2.50	Pass
65	-20	4.2	0	PCS 1900	GMSK	1850.2	0.0005	-2.50	2.50	Pass
65	-20	4.2	0	PCS 1900	GMSK	1880.0	0.0021	-2.50	2.50	Pass
65	-20	4.2	0	PCS 1900	GMSK	1909.8	0.0044	-2.50	2.50	Pass
65	-10	3.3	0	PCS 1900	GMSK	1850.2	0.0102	-2.50	2.50	Pass
65	-10	3.3	0	PCS 1900	GMSK	1880.0	0.0095	-2.50	2.50	Pass
65	-10	3.3	0	PCS 1900	GMSK	1909.8	0.0022	-2.50	2.50	Pass
65	-10	3.8	0	PCS 1900	GMSK	1850.2	0.0175	-2.50	2.50	Pass
65	-10	3.8	0	PCS 1900	GMSK	1880.0	0.0069	-2.50	2.50	Pass
65	-10	3.8	0	PCS 1900	GMSK	1909.8	0.0039	-2.50	2.50	Pass
65	-10	4.2	0	PCS 1900	GMSK	1850.2	0.0075	-2.50	2.50	Pass
65	-10	4.2	0	PCS 1900	GMSK	1880.0	0.0088	-2.50	2.50	Pass
65	-10	4.2	0	PCS 1900	GMSK	1909.8	0.0123	-2.50	2.50	Pass
65	0	3.3	0	PCS 1900	GMSK	1850.2	0.0059	-2.50	2.50	Pass
65	0	3.3	0	PCS 1900	GMSK	1880.0	0.0033	-2.50	2.50	Pass
65	0	3.3	0	PCS 1900	GMSK	1909.8	0.0060	-2.50	2.50	Pass
65	0	3.8	0	PCS 1900	GMSK	1850.2	0.0076	-2.50	2.50	Pass
65	0	3.8	0	PCS 1900	GMSK	1880.0	0.0057	-2.50	2.50	Pass
65	0	3.8	0	PCS 1900	GMSK	1909.8	-0.0006	-2.50	2.50	Pass
65	0	4.2	0	PCS	GMSK	1850.2	0.0035	-2.50	2.50	Pass

				1900						
65	0	4.2	0	PCS 1900	GMSK	1880.0	-0.0009	-2.50	2.50	Pass
65	0	4.2	0	PCS 1900	GMSK	1909.8	0.0085	-2.50	2.50	Pass
65	10	3.3	0	PCS 1900	GMSK	1850.2	0.0147	-2.50	2.50	Pass
65	10	3.3	0	PCS 1900	GMSK	1880.0	-0.0038	-2.50	2.50	Pass
65	10	3.3	0	PCS 1900	GMSK	1909.8	0.0061	-2.50	2.50	Pass
65	10	3.8	0	PCS 1900	GMSK	1850.2	0.0179	-2.50	2.50	Pass
65	10	3.8	0	PCS 1900	GMSK	1880.0	-0.0011	-2.50	2.50	Pass
65	10	3.8	0	PCS 1900	GMSK	1909.8	0.0084	-2.50	2.50	Pass
65	10	4.2	0	PCS 1900	GMSK	1850.2	0.0031	-2.50	2.50	Pass
65	10	4.2	0	PCS 1900	GMSK	1880.0	0.0065	-2.50	2.50	Pass
65	10	4.2	0	PCS 1900	GMSK	1909.8	0.0039	-2.50	2.50	Pass
65	20	3.3	0	PCS 1900	GMSK	1850.2	0.0113	-2.50	2.50	Pass
65	20	3.3	0	PCS 1900	GMSK	1880.0	0.0049	-2.50	2.50	Pass
65	20	3.3	0	PCS 1900	GMSK	1909.8	0.0063	-2.50	2.50	Pass
65	20	3.8	0	PCS 1900	GMSK	1850.2	0.0098	-2.50	2.50	Pass
65	20	3.8	0	PCS 1900	GMSK	1880.0	0.0003	-2.50	2.50	Pass
65	20	3.8	0	PCS 1900	GMSK	1909.8	0.0063	-2.50	2.50	Pass
65	20	4.2	0	PCS 1900	GMSK	1850.2	0.0069	-2.50	2.50	Pass
65	20	4.2	0	PCS 1900	GMSK	1880.0	0.0010	-2.50	2.50	Pass
65	20	4.2	0	PCS 1900	GMSK	1909.8	0.0079	-2.50	2.50	Pass
65	30	3.3	0	PCS 1900	GMSK	1850.2	0.0193	-2.50	2.50	Pass
65	30	3.3	0	PCS 1900	GMSK	1880.0	0.0048	-2.50	2.50	Pass
65	30	3.3	0	PCS 1900	GMSK	1909.8	0.0116	-2.50	2.50	Pass
65	30	3.8	0	PCS 1900	GMSK	1850.2	0.0031	-2.50	2.50	Pass
65	30	3.8	0	PCS 1900	GMSK	1880.0	0.0021	-2.50	2.50	Pass
65	30	3.8	0	PCS 1900	GMSK	1909.8	0.0031	-2.50	2.50	Pass
65	30	4.2	0	PCS 1900	GMSK	1850.2	-0.0022	-2.50	2.50	Pass
65	30	4.2	0	PCS 1900	GMSK	1880.0	0.0008	-2.50	2.50	Pass
65	30	4.2	0	PCS 1900	GMSK	1909.8	0.0058	-2.50	2.50	Pass
65	40	3.3	0	PCS 1900	GMSK	1850.2	0.0066	-2.50	2.50	Pass
65	40	3.3	0	PCS 1900	GMSK	1880.0	-0.0011	-2.50	2.50	Pass
65	40	3.3	0	PCS 1900	GMSK	1909.8	0.0024	-2.50	2.50	Pass
65	40	3.8	0	PCS 1900	GMSK	1850.2	-0.0010	-2.50	2.50	Pass
65	40	3.8	0	PCS 1900	GMSK	1880.0	0.0026	-2.50	2.50	Pass
65	40	3.8	0	PCS 1900	GMSK	1909.8	0.0030	-2.50	2.50	Pass
65	40	4.2	0	PCS 1900	GMSK	1850.2	0.0077	-2.50	2.50	Pass
65	40	4.2	0	PCS 1900	GMSK	1880.0	0.0103	-2.50	2.50	Pass
65	40	4.2	0	PCS 1900	GMSK	1909.8	-0.0022	-2.50	2.50	Pass

65	50	3.3	0	PCS 1900	GMSK	1850.2	0.0083	-2.50	2.50	Pass
65	50	3.3	0	PCS 1900	GMSK	1880.0	0.0015	-2.50	2.50	Pass
65	50	3.3	0	PCS 1900	GMSK	1909.8	0.0073	-2.50	2.50	Pass
65	50	3.8	0	PCS 1900	GMSK	1850.2	-0.0008	-2.50	2.50	Pass
65	50	3.8	0	PCS 1900	GMSK	1880.0	0.0050	-2.50	2.50	Pass
65	50	3.8	0	PCS 1900	GMSK	1909.8	-0.0006	-2.50	2.50	Pass
65	50	4.2	0	PCS 1900	GMSK	1850.2	0.0183	-2.50	2.50	Pass
65	50	4.2	0	PCS 1900	GMSK	1880.0	0.0044	-2.50	2.50	Pass
65	50	4.2	0	PCS 1900	GMSK	1909.8	0.0058	-2.50	2.50	Pass