

WCDMA Band 2 HSDPA Test Data

FCC ID: 2BQHT-TAB-T101-4

Table of Contents

1. Conducted Output Power&&EIRP/ERP.....	2
2. Occupied Bandwidth	3
3. Peak to Average Ratio.....	5
4. Unwanted Spurious Emission	7
5. Frequency Stability	10

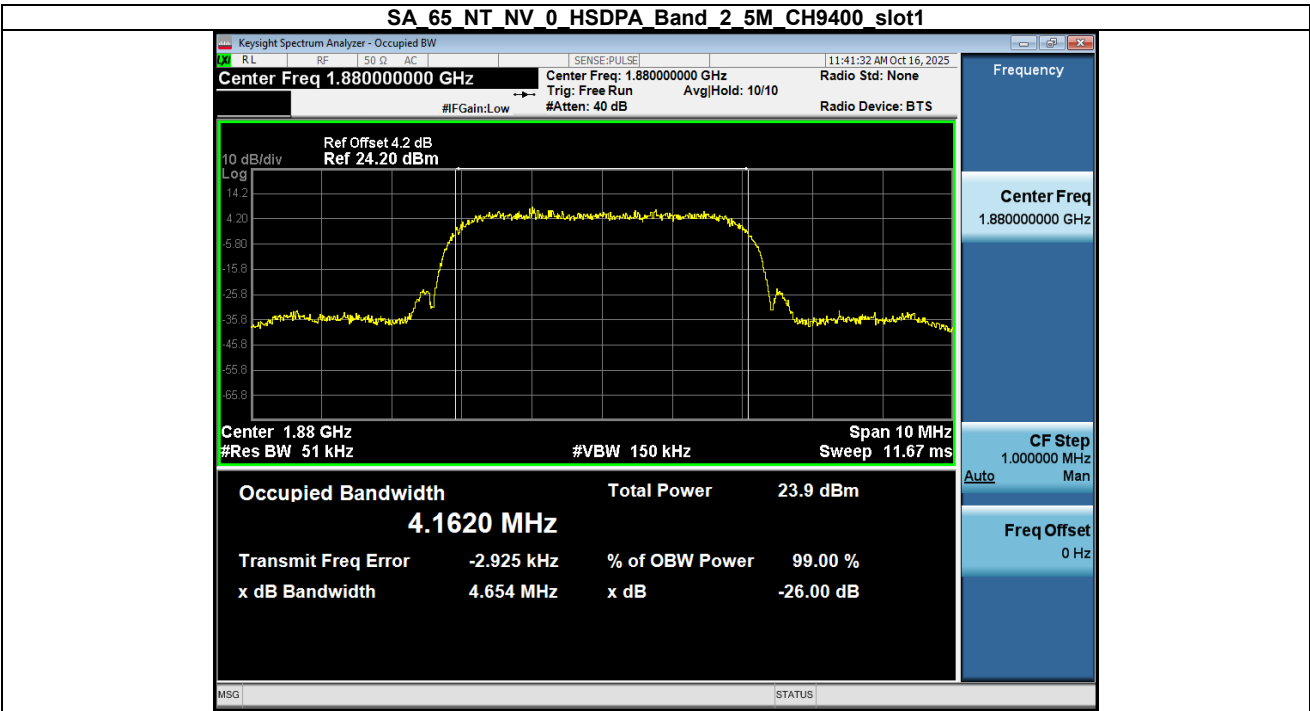
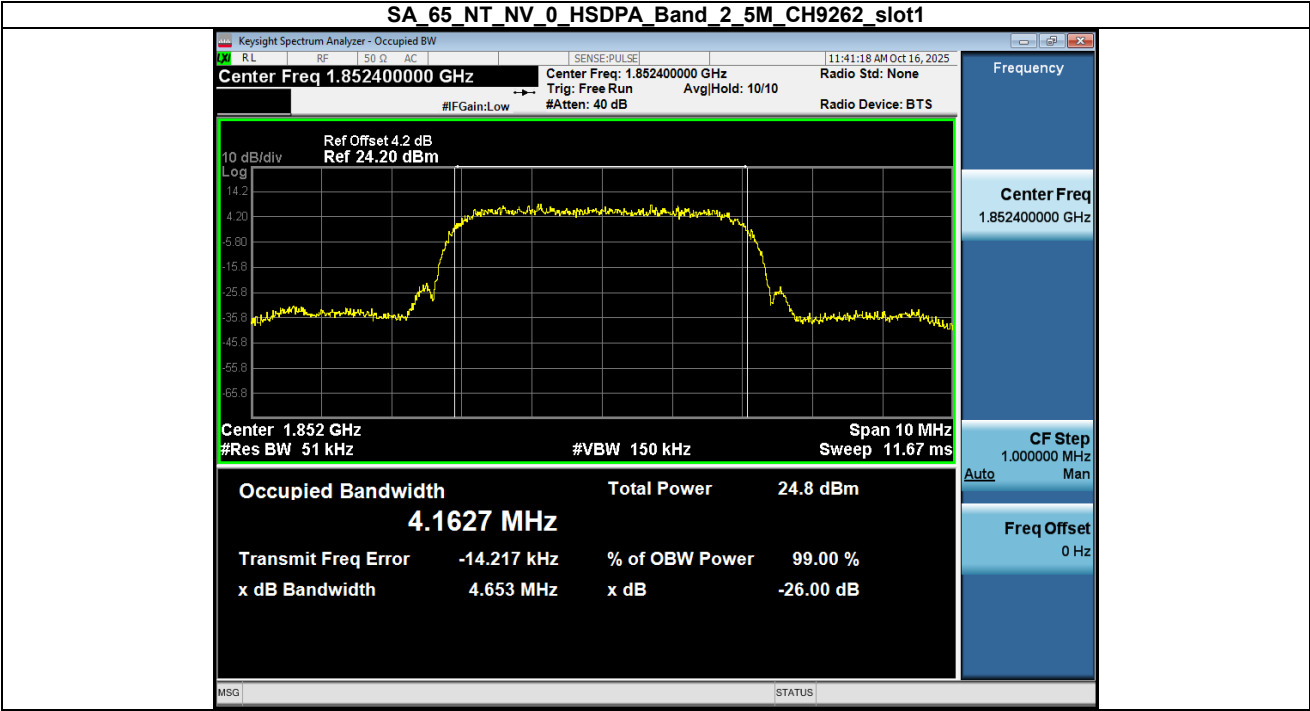
1. Conducted Output Power&&EIRP/ERP

Condition	Mode	Band	Frequency (MHz)	Sub	Conducted Power(dBm)	ANT Gain(dBi)	EIRP(dBm)	limit(dBm)	Result
NVNT	HSDPA	Band 2	1852.4	1	21.30	2.16	23.46	33.01	Pass
NVNT	HSDPA	Band 2	1852.4	2	22.15	2.16	24.31	33.01	Pass
NVNT	HSDPA	Band 2	1852.4	3	22.79	2.16	24.95	33.01	Pass
NVNT	HSDPA	Band 2	1852.4	4	22.60	2.16	24.76	33.01	Pass
NVNT	HSDPA	Band 2	1852.4	5	22.97	2.16	25.13	33.01	Pass
NVNT	HSDPA	Band 2	1880.0	1	22.42	2.16	24.58	33.01	Pass
NVNT	HSDPA	Band 2	1880.0	2	23.04	2.16	25.20	33.01	Pass
NVNT	HSDPA	Band 2	1880.0	3	22.90	2.16	25.06	33.01	Pass
NVNT	HSDPA	Band 2	1880.0	4	22.82	2.16	24.98	33.01	Pass
NVNT	HSDPA	Band 2	1880.0	5	22.06	2.16	24.22	33.01	Pass
NVNT	HSDPA	Band 2	1907.6	1	22.25	2.16	24.41	33.01	Pass
NVNT	HSDPA	Band 2	1907.6	2	21.90	2.16	24.06	33.01	Pass
NVNT	HSDPA	Band 2	1907.6	3	21.30	2.16	23.46	33.01	Pass
NVNT	HSDPA	Band 2	1907.6	4	22.15	2.16	24.31	33.01	Pass
NVNT	HSDPA	Band 2	1907.6	5	22.79	2.16	24.95	33.01	Pass

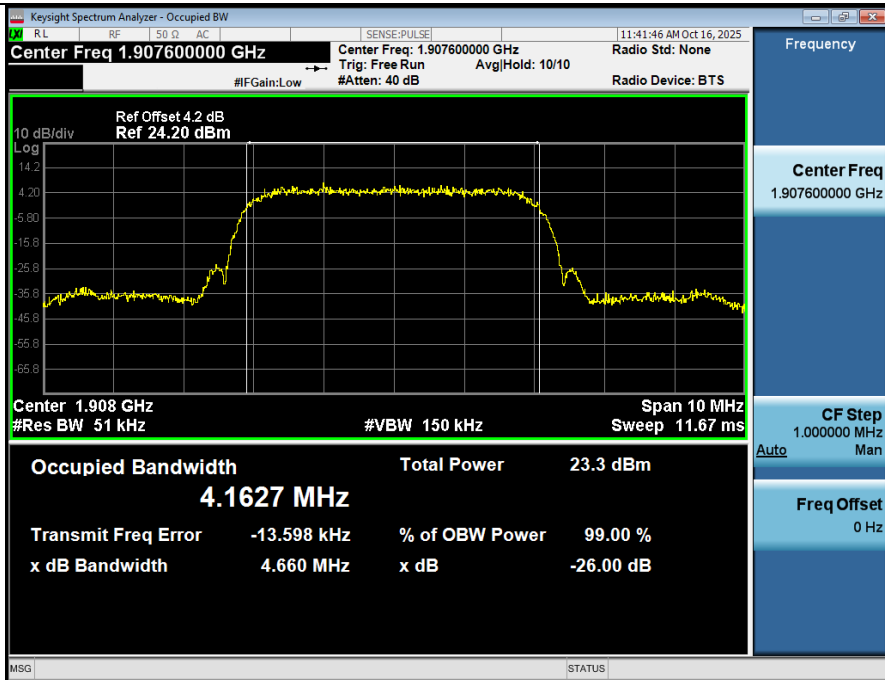
EIRP = Conducted Power + ANT Gain

2. Occupied Bandwidth

Condition	Mode	Band	Frequency(MHz)	Sub	OBW(MHz)	-26EBW(MHz)
NVNT	HSDPA	Band 2	1852.4	1	4.1627	4.6531
NVNT	HSDPA	Band 2	1880.0	1	4.1620	4.6544
NVNT	HSDPA	Band 2	1907.6	1	4.1627	4.6600

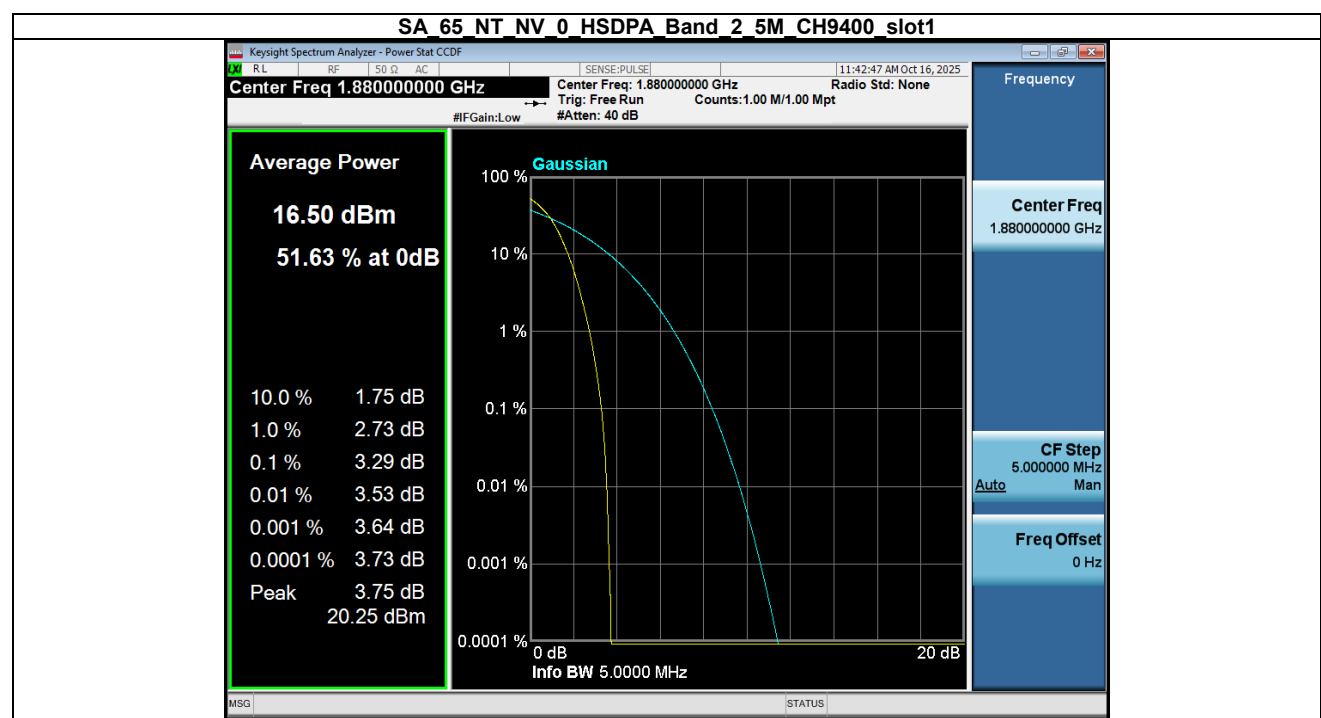
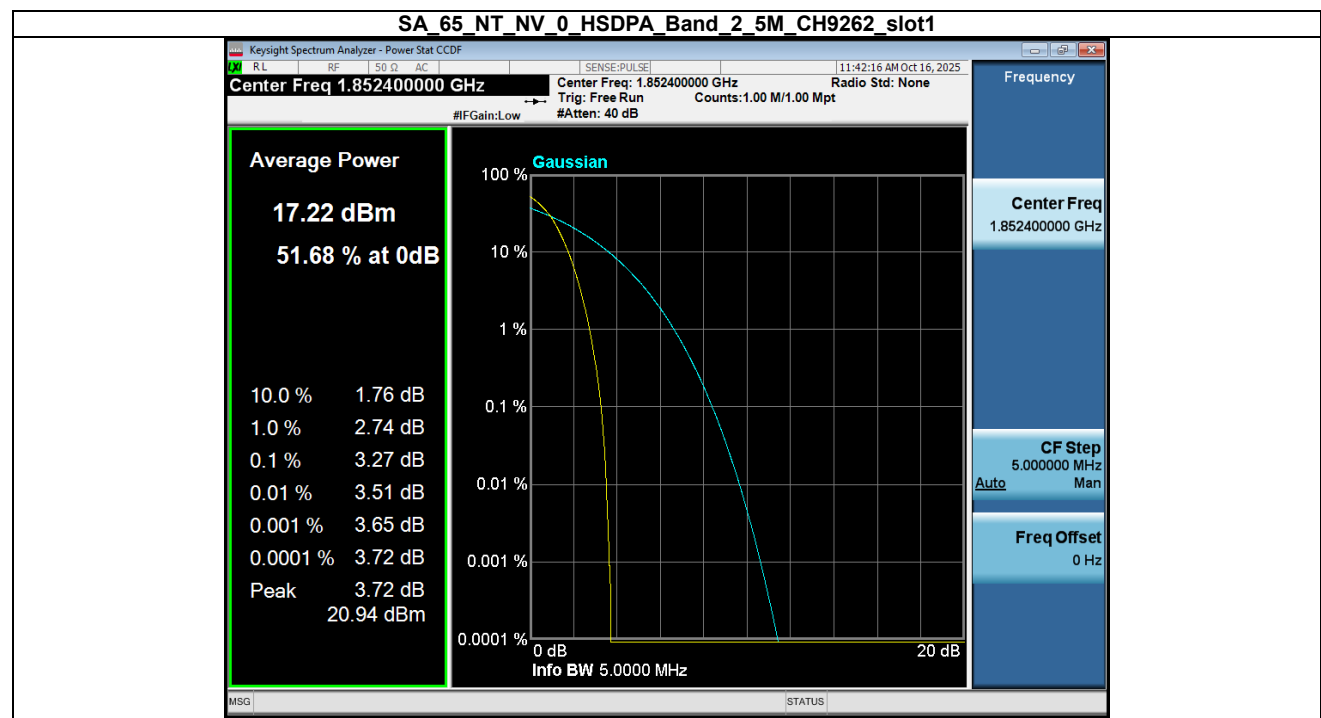


SA_65_NT_NV_0_HSDPA_Band_2_5M_CH9538_slot1

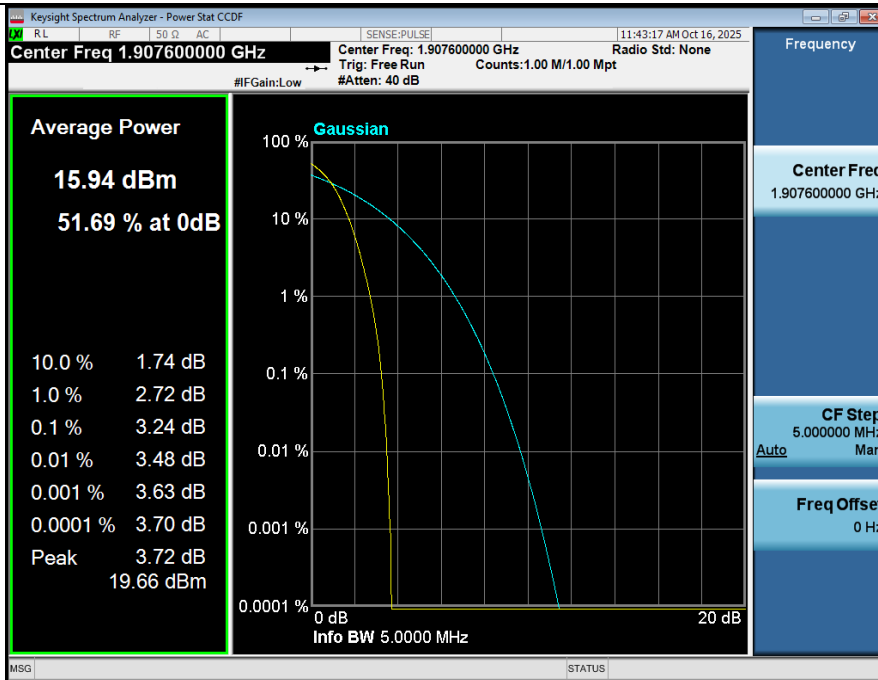


3. Peak to Average Ratio

Condition	Mode	Band	Frequency(MHz)	Sub	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NVNT	HSDPA	Band 2	1852.4	1	3.27	13.00	Pass
NVNT	HSDPA	Band 2	1880.0	1	3.29	13.00	Pass
NVNT	HSDPA	Band 2	1907.6	1	3.24	13.00	Pass

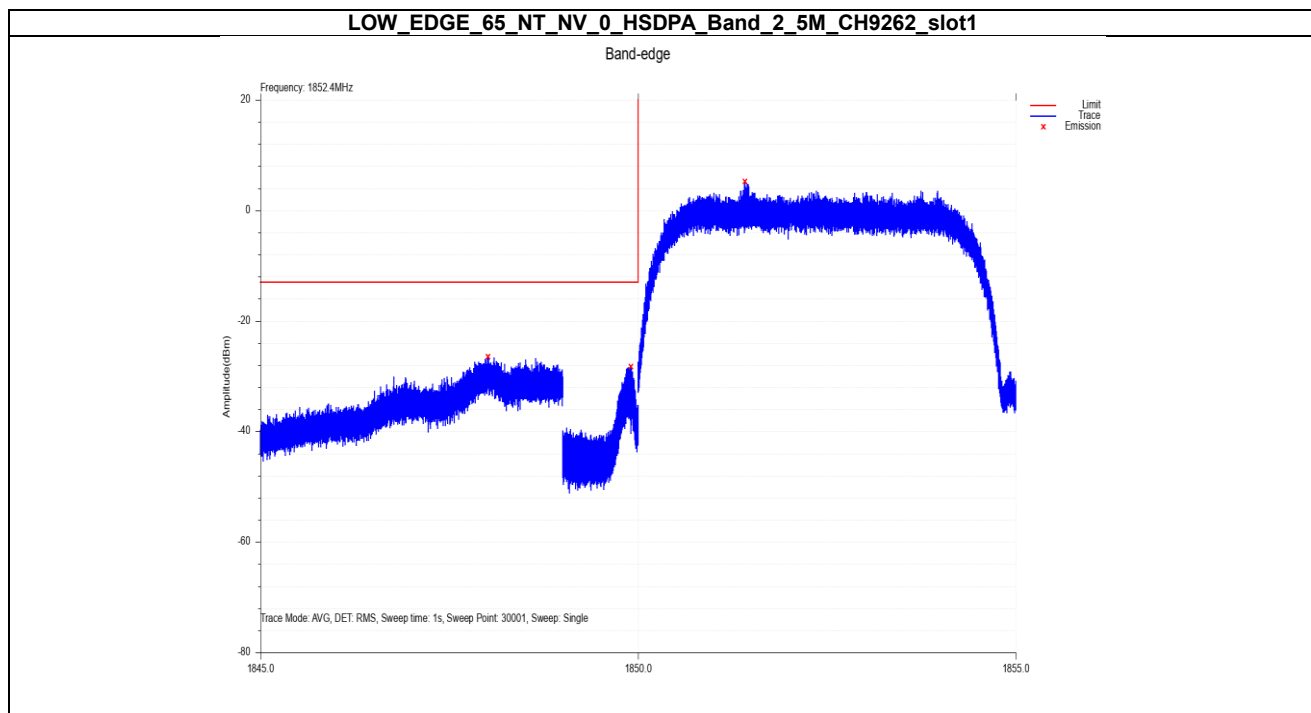


SA_65_NT_NV_0_HSDPA_Band_2_5M_CH9538_slot1

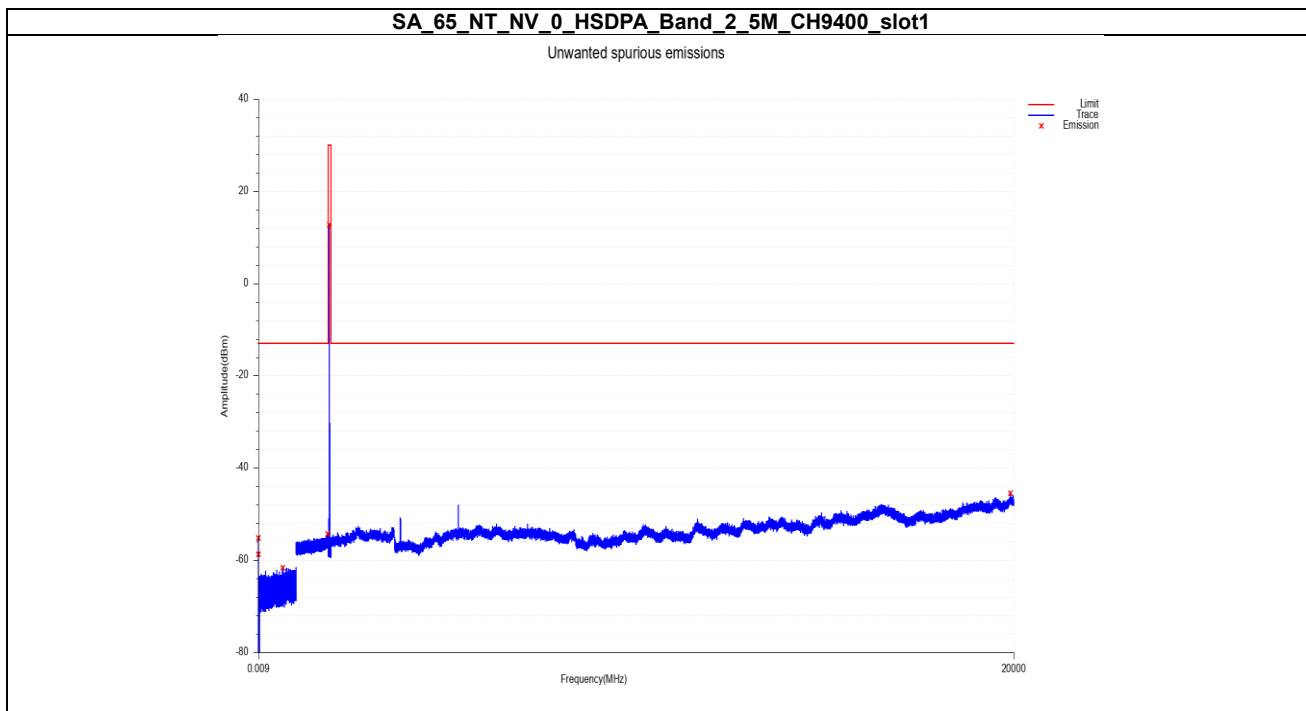
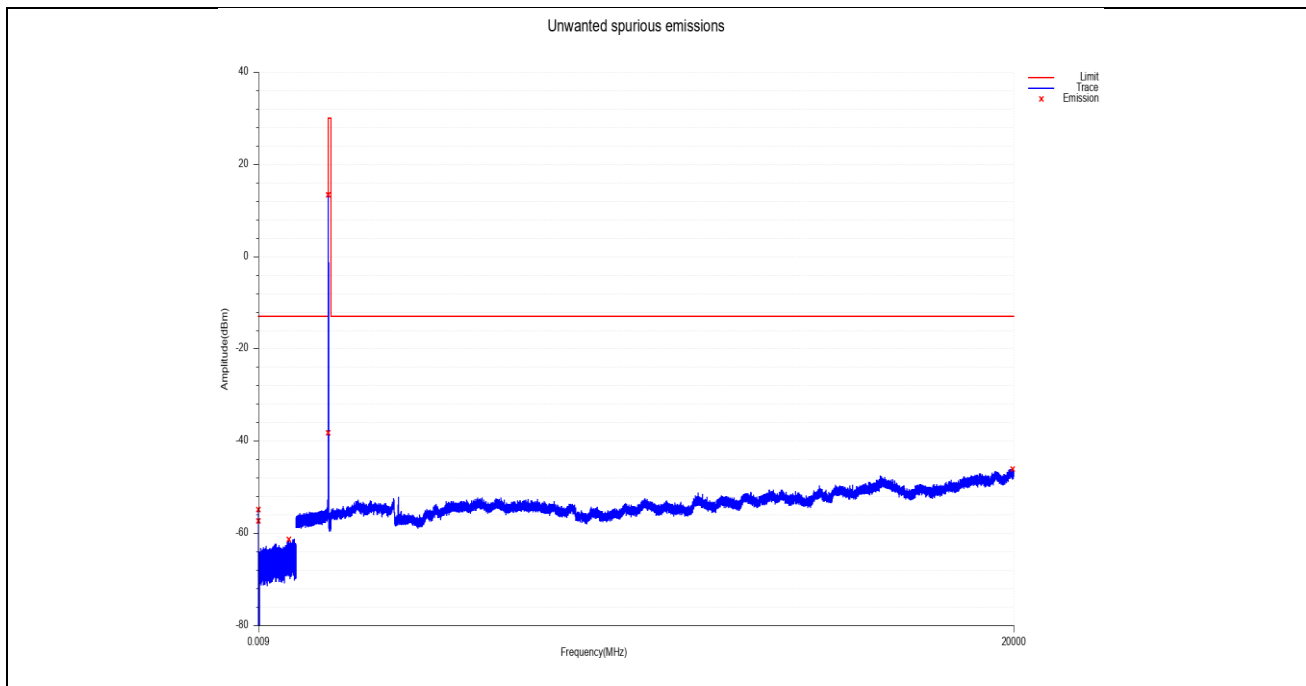


4. Unwanted Spurious Emission

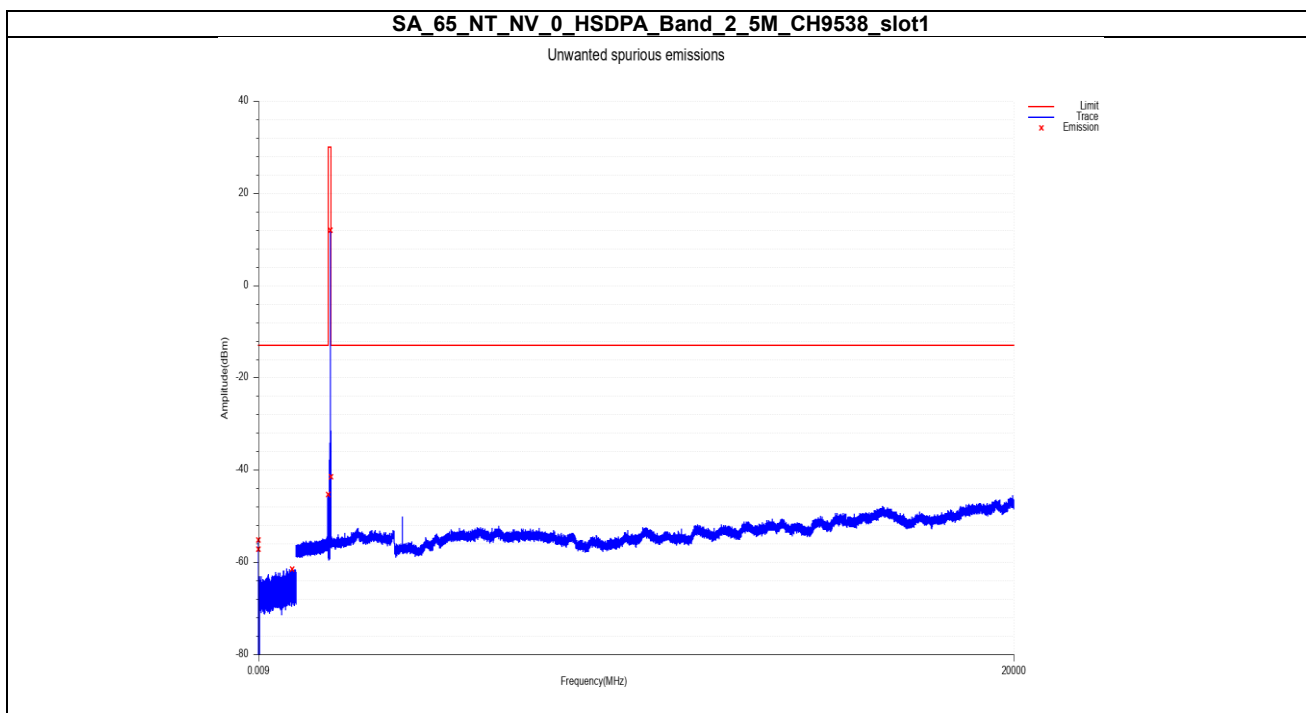
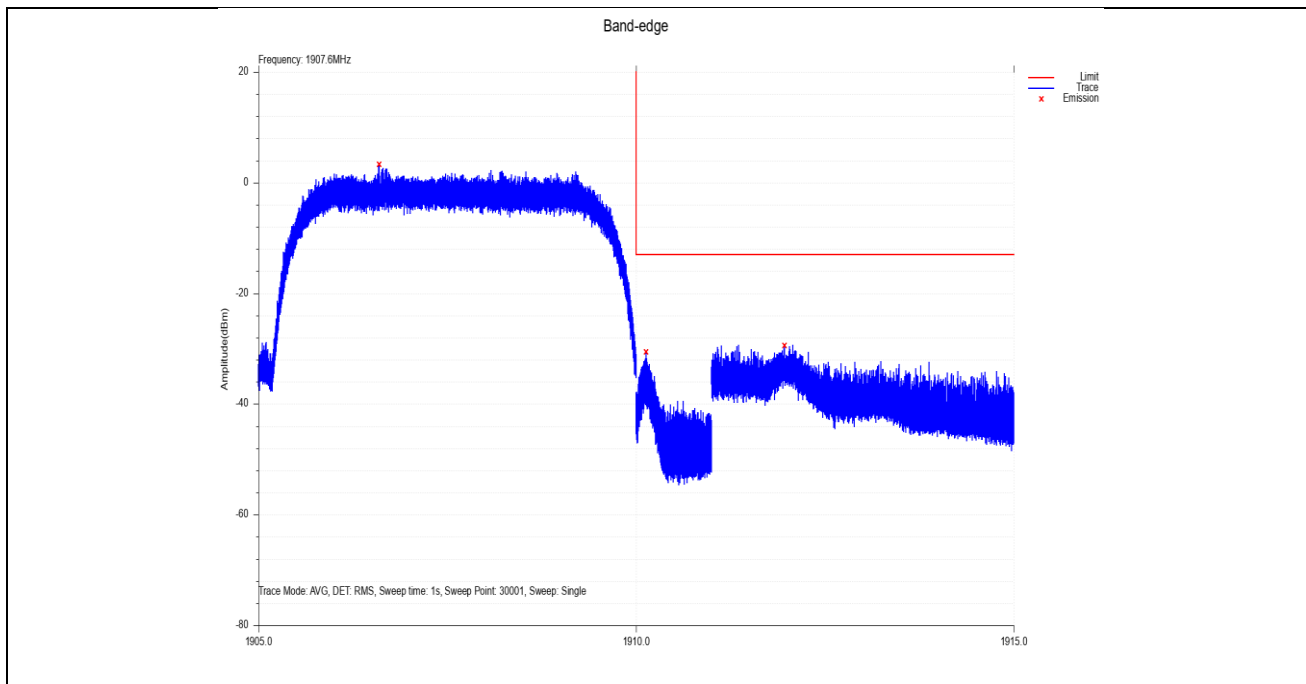
Condition	Mode	Band	Frequency (MHz)	Sub	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit(dBm)	Result
NVNT	HSDPA	Band 2	1852.40	1	1000	1845.0~1849.0	1848.016	-26.44	-13	Pass
NVNT	HSDPA	Band 2	1852.40	1	50.0	1849.0~1850.0	1849.903	-28.22	-13	Pass
NVNT	HSDPA	Band 2	1852.40	1	1	0.009~0.150	0.009	-54.84	-13	Pass
NVNT	HSDPA	Band 2	1852.40	1	10	0.150~30.000	0.160	-57.32	-13	Pass
NVNT	HSDPA	Band 2	1852.40	1	100	30.000~1000.000	799.242	-61.36	-13	Pass
NVNT	HSDPA	Band 2	1852.40	1	1000	1000.000~1845.000	1844.972	-38.22	-13	Pass
NVNT	HSDPA	Band 2	1852.40	1	1000	1915.000~20000.000	19965.036	-46.18	-13	Pass
NVNT	HSDPA	Band 2	1880.00	1	1	0.009~0.150	0.014	-55.24	-13	Pass
NVNT	HSDPA	Band 2	1880.00	1	10	0.150~30.000	0.151	-58.80	-13	Pass
NVNT	HSDPA	Band 2	1880.00	1	100	30.000~1000.000	640.906	-61.63	-13	Pass
NVNT	HSDPA	Band 2	1880.00	1	1000	1000.000~1845.000	1835.451	-54.30	-13	Pass
NVNT	HSDPA	Band 2	1880.00	1	1000	1915.000~20000.000	19913.192	-45.51	-13	Pass
NVNT	HSDPA	Band 2	1907.60	1	50.0	1910.0~1911.0	1910.129	-30.56	-13	Pass
NVNT	HSDPA	Band 2	1907.60	1	1000	1911.0~1915.0	1911.963	-29.37	-13	Pass
NVNT	HSDPA	Band 2	1907.60	1	1	0.009~0.150	0.010	-55.27	-13	Pass
NVNT	HSDPA	Band 2	1907.60	1	10	0.150~30.000	0.189	-57.15	-13	Pass
NVNT	HSDPA	Band 2	1907.60	1	100	30.000~1000.000	898.894	-61.48	-13	Pass
NVNT	HSDPA	Band 2	1907.60	1	1000	1000.000~1845.000	1844.690	-45.33	-13	Pass
NVNT	HSDPA	Band 2	1907.60	1	1000	1915.000~20000.000	1915.000	-41.47	-13	Pass



SA_65_NT_NV_0_HSDPA_Band_2_5M_CH9262_slot1



UPPER_EDGE_65_NT_NV_0_HSDPA_Band_2_5M_CH9538_slot1



5. Frequency Stability

Temperature (C)	Voltage(V)	Modulation	Band	Frequency (MHz)	Sub	Frequency Stabilization (ppm)	Limit_Low (ppm)	Limit_Up (ppm)	Result
-30	3.47	HSDPA	Band 2	1852.4	1	0.0016	-2.50	2.50	Pass
-30	3.47	HSDPA	Band 2	1880.0	1	0.0017	-2.50	2.50	Pass
-30	3.47	HSDPA	Band 2	1907.6	1	0.0042	-2.50	2.50	Pass
-30	3.85	HSDPA	Band 2	1852.4	1	0.0066	-2.50	2.50	Pass
-30	3.85	HSDPA	Band 2	1880.0	1	0.0039	-2.50	2.50	Pass
-30	3.85	HSDPA	Band 2	1907.6	1	0.0076	-2.50	2.50	Pass
-30	4.24	HSDPA	Band 2	1852.4	1	0.0036	-2.50	2.50	Pass
-30	4.24	HSDPA	Band 2	1880.0	1	0.0023	-2.50	2.50	Pass
-30	4.24	HSDPA	Band 2	1907.6	1	0.0036	-2.50	2.50	Pass
-20	3.47	HSDPA	Band 2	1852.4	1	0.0030	-2.50	2.50	Pass
-20	3.47	HSDPA	Band 2	1880.0	1	0.0010	-2.50	2.50	Pass
-20	3.47	HSDPA	Band 2	1907.6	1	0.0063	-2.50	2.50	Pass
-20	3.85	HSDPA	Band 2	1852.4	1	0.0042	-2.50	2.50	Pass
-20	3.85	HSDPA	Band 2	1880.0	1	0.0048	-2.50	2.50	Pass
-20	3.85	HSDPA	Band 2	1907.6	1	0.0031	-2.50	2.50	Pass
-20	4.24	HSDPA	Band 2	1852.4	1	0.0003	-2.50	2.50	Pass
-20	4.24	HSDPA	Band 2	1880.0	1	0.0062	-2.50	2.50	Pass
-20	4.24	HSDPA	Band 2	1907.6	1	0.0050	-2.50	2.50	Pass
-10	3.47	HSDPA	Band 2	1852.4	1	0.0051	-2.50	2.50	Pass
-10	3.47	HSDPA	Band 2	1880.0	1	0.0016	-2.50	2.50	Pass
-10	3.47	HSDPA	Band 2	1907.6	1	0.0074	-2.50	2.50	Pass
-10	3.85	HSDPA	Band 2	1852.4	1	0.0012	-2.50	2.50	Pass
-10	3.85	HSDPA	Band 2	1880.0	1	0.0018	-2.50	2.50	Pass
-10	3.85	HSDPA	Band 2	1907.6	1	0.0026	-2.50	2.50	Pass
-10	4.24	HSDPA	Band 2	1852.4	1	0.0031	-2.50	2.50	Pass
-10	4.24	HSDPA	Band 2	1880.0	1	0.0064	-2.50	2.50	Pass
-10	4.24	HSDPA	Band 2	1907.6	1	0.0036	-2.50	2.50	Pass
0	3.47	HSDPA	Band 2	1852.4	1	0.0004	-2.50	2.50	Pass
0	3.47	HSDPA	Band 2	1880.0	1	0.0039	-2.50	2.50	Pass
0	3.47	HSDPA	Band 2	1907.6	1	0.0047	-2.50	2.50	Pass
0	3.85	HSDPA	Band 2	1852.4	1	0.0017	-2.50	2.50	Pass
0	3.85	HSDPA	Band 2	1880.0	1	0.0016	-2.50	2.50	Pass
0	3.85	HSDPA	Band 2	1907.6	1	0.0061	-2.50	2.50	Pass
0	4.24	HSDPA	Band 2	1852.4	1	0.0041	-2.50	2.50	Pass
0	4.24	HSDPA	Band 2	1880.0	1	0.0022	-2.50	2.50	Pass
0	4.24	HSDPA	Band 2	1907.6	1	0.0054	-2.50	2.50	Pass
10	3.47	HSDPA	Band 2	1852.4	1	0.0020	-2.50	2.50	Pass
10	3.47	HSDPA	Band 2	1880.0	1	0.0064	-2.50	2.50	Pass
10	3.47	HSDPA	Band 2	1907.6	1	0.0034	-2.50	2.50	Pass
10	3.85	HSDPA	Band 2	1852.4	1	0.0058	-2.50	2.50	Pass
10	3.85	HSDPA	Band 2	1880.0	1	0.0044	-2.50	2.50	Pass
10	3.85	HSDPA	Band 2	1907.6	1	0.0049	-2.50	2.50	Pass
10	4.24	HSDPA	Band 2	1852.4	1	0.0016	-2.50	2.50	Pass
10	4.24	HSDPA	Band 2	1880.0	1	0.0033	-2.50	2.50	Pass
10	4.24	HSDPA	Band 2	1907.6	1	0.0063	-2.50	2.50	Pass
20	3.47	HSDPA	Band 2	1852.4	1	0.0022	-2.50	2.50	Pass
20	3.47	HSDPA	Band 2	1880.0	1	0.0055	-2.50	2.50	Pass
20	3.47	HSDPA	Band 2	1907.6	1	0.0053	-2.50	2.50	Pass
20	3.85	HSDPA	Band 2	1852.4	1	0.0026	-2.50	2.50	Pass
20	3.85	HSDPA	Band 2	1880.0	1	0.0055	-2.50	2.50	Pass
20	3.85	HSDPA	Band 2	1907.6	1	0.0045	-2.50	2.50	Pass
20	4.24	HSDPA	Band 2	1852.4	1	0.0055	-2.50	2.50	Pass
20	4.24	HSDPA	Band 2	1880.0	1	0.0006	-2.50	2.50	Pass
20	4.24	HSDPA	Band 2	1907.6	1	0.0032	-2.50	2.50	Pass
30	3.47	HSDPA	Band 2	1852.4	1	0.0017	-2.50	2.50	Pass
30	3.47	HSDPA	Band 2	1880.0	1	0.0067	-2.50	2.50	Pass
30	3.47	HSDPA	Band 2	1907.6	1	0.0051	-2.50	2.50	Pass
30	3.85	HSDPA	Band 2	1852.4	1	0.0032	-2.50	2.50	Pass
30	3.85	HSDPA	Band 2	1880.0	1	0.0074	-2.50	2.50	Pass
30	3.85	HSDPA	Band 2	1907.6	1	0.0032	-2.50	2.50	Pass
30	4.24	HSDPA	Band 2	1852.4	1	0.0036	-2.50	2.50	Pass
30	4.24	HSDPA	Band 2	1880.0	1	0.0077	-2.50	2.50	Pass
30	4.24	HSDPA	Band 2	1907.6	1	0.0051	-2.50	2.50	Pass
40	3.47	HSDPA	Band 2	1852.4	1	0.0072	-2.50	2.50	Pass
40	3.47	HSDPA	Band 2	1880.0	1	0.0013	-2.50	2.50	Pass

40	3.47	HSDPA	Band 2	1907.6	1	0.0031	-2.50	2.50	Pass
40	3.85	HSDPA	Band 2	1852.4	1	0.0041	-2.50	2.50	Pass
40	3.85	HSDPA	Band 2	1880.0	1	0.0044	-2.50	2.50	Pass
40	3.85	HSDPA	Band 2	1907.6	1	0.0043	-2.50	2.50	Pass
40	4.24	HSDPA	Band 2	1852.4	1	0.0016	-2.50	2.50	Pass
40	4.24	HSDPA	Band 2	1880.0	1	0.0042	-2.50	2.50	Pass
40	4.24	HSDPA	Band 2	1907.6	1	0.0035	-2.50	2.50	Pass
50	3.47	HSDPA	Band 2	1852.4	1	0.0026	-2.50	2.50	Pass
50	3.47	HSDPA	Band 2	1880.0	1	0.0014	-2.50	2.50	Pass
50	3.47	HSDPA	Band 2	1907.6	1	0.0030	-2.50	2.50	Pass
50	3.85	HSDPA	Band 2	1852.4	1	0.0028	-2.50	2.50	Pass
50	3.85	HSDPA	Band 2	1880.0	1	0.0035	-2.50	2.50	Pass
50	3.85	HSDPA	Band 2	1907.6	1	0.0062	-2.50	2.50	Pass
50	4.24	HSDPA	Band 2	1852.4	1	0.0001	-2.50	2.50	Pass
50	4.24	HSDPA	Band 2	1880.0	1	0.0026	-2.50	2.50	Pass
50	4.24	HSDPA	Band 2	1907.6	1	0.0031	-2.50	2.50	Pass