

WCDMA Band 2 HSUPA Test Data

FCC ID: 2BQHT-TAB-T126-8

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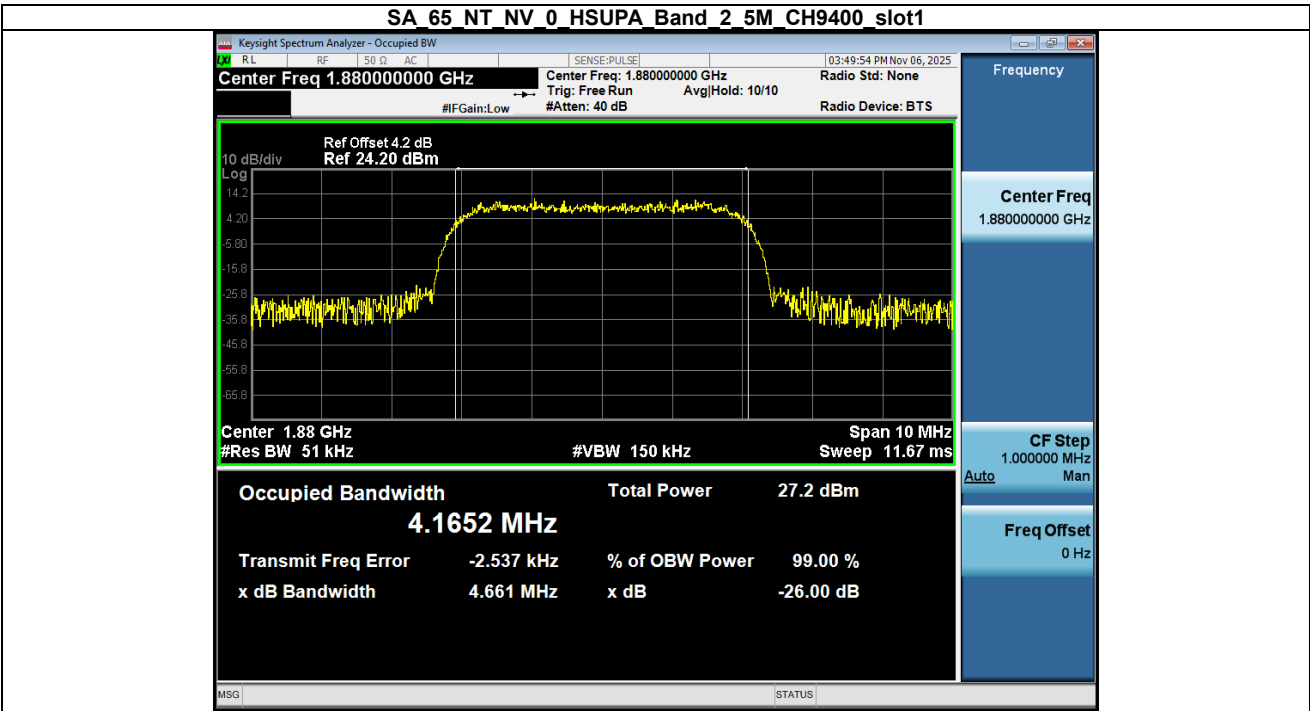
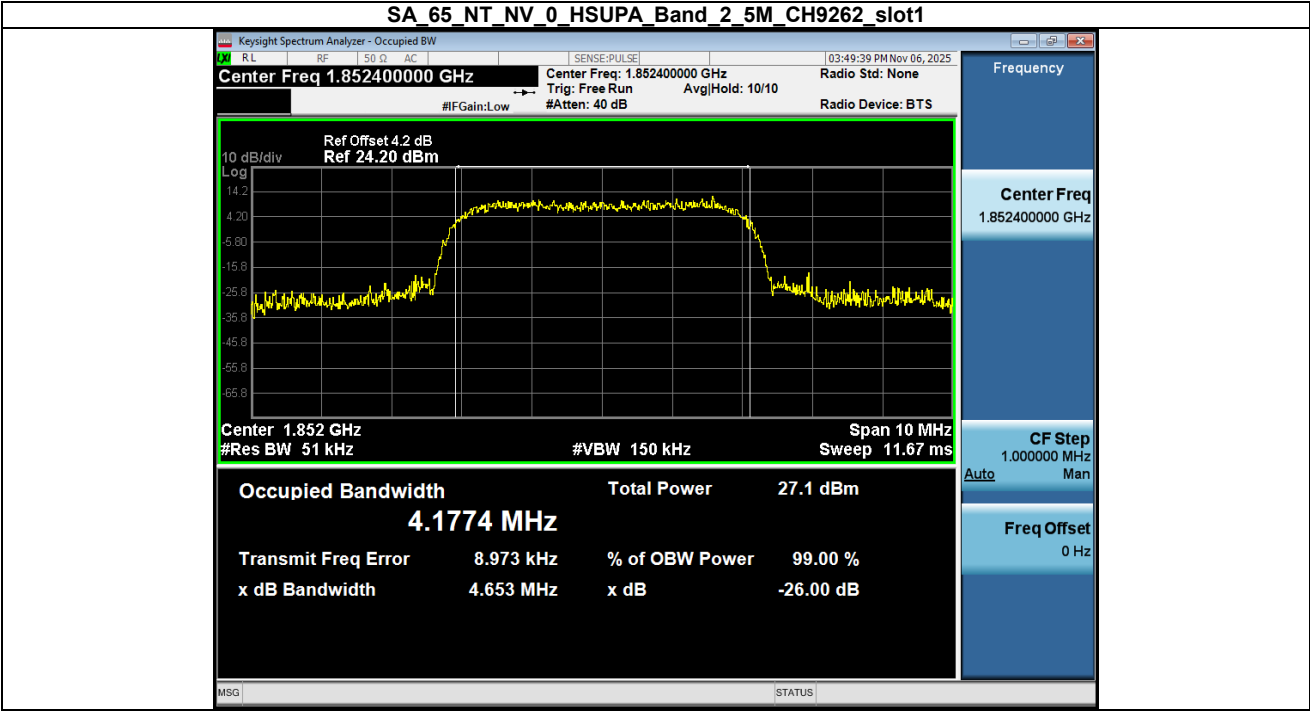
1. Conducted Output Power&&EIRP/ERP

Condition	Mode	Band	Frequency (MHz)	Sub	Conducted Power(dBm)	ANT Gain(dBi)	EIRP(dBm)	limit(dBm)	Result
NVNT	HSUPA	Band 2	1852.4	1	20.95	1.39	22.34	33.01	Pass
NVNT	HSUPA	Band 2	1852.4	2	20.37	1.39	21.76	33.01	Pass
NVNT	HSUPA	Band 2	1852.4	3	20.53	1.39	21.92	33.01	Pass
NVNT	HSUPA	Band 2	1852.4	4	21.27	1.39	22.66	33.01	Pass
NVNT	HSUPA	Band 2	1852.4	5	21.22	1.39	22.61	33.01	Pass
NVNT	HSUPA	Band 2	1880.0	1	19.04	1.39	20.43	33.01	Pass
NVNT	HSUPA	Band 2	1880.0	2	21.12	1.39	22.51	33.01	Pass
NVNT	HSUPA	Band 2	1880.0	3	20.34	1.39	21.73	33.01	Pass
NVNT	HSUPA	Band 2	1880.0	4	20.58	1.39	21.97	33.01	Pass
NVNT	HSUPA	Band 2	1880.0	5	19.52	1.39	20.91	33.01	Pass
NVNT	HSUPA	Band 2	1907.6	1	20.90	1.39	22.29	33.01	Pass
NVNT	HSUPA	Band 2	1907.6	2	20.48	1.39	21.87	33.01	Pass
NVNT	HSUPA	Band 2	1907.6	3	20.59	1.39	21.98	33.01	Pass
NVNT	HSUPA	Band 2	1907.6	4	21.07	1.39	22.46	33.01	Pass
NVNT	HSUPA	Band 2	1907.6	5	21.89	1.39	23.28	33.01	Pass

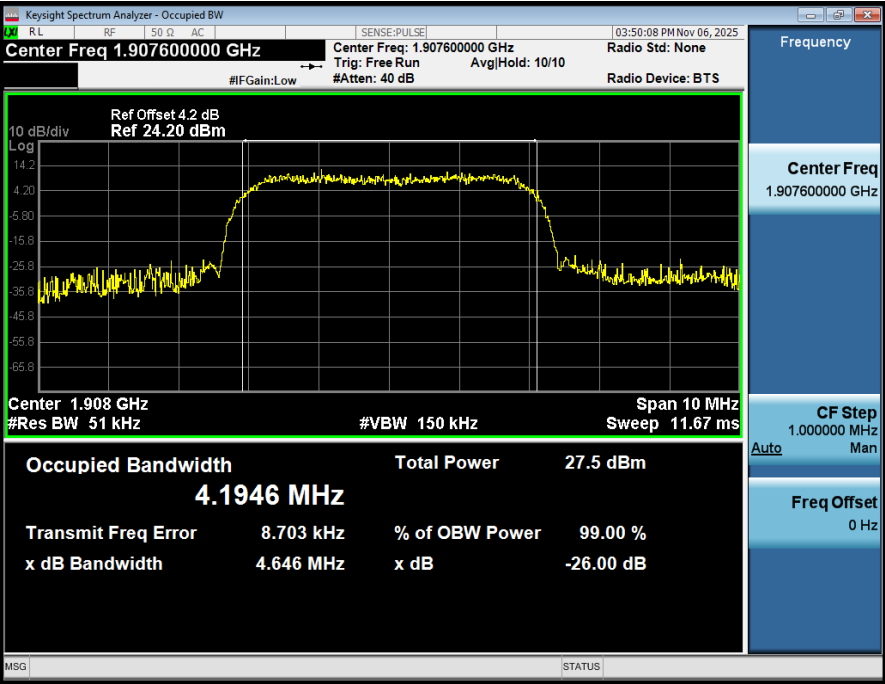
EIRP = Conducted Power + ANT Gain

2. Occupied Bandwidth

Condition	Mode	Band	Frequency(MHz)	Sub	OBW(MHz)	-26EBW(MHz)
NVNT	HSUPA	Band 2	1852.4	1	4.1774	4.6531
NVNT	HSUPA	Band 2	1880.0	1	4.1648	4.6614
NVNT	HSUPA	Band 2	1907.6	1	4.1946	4.6462

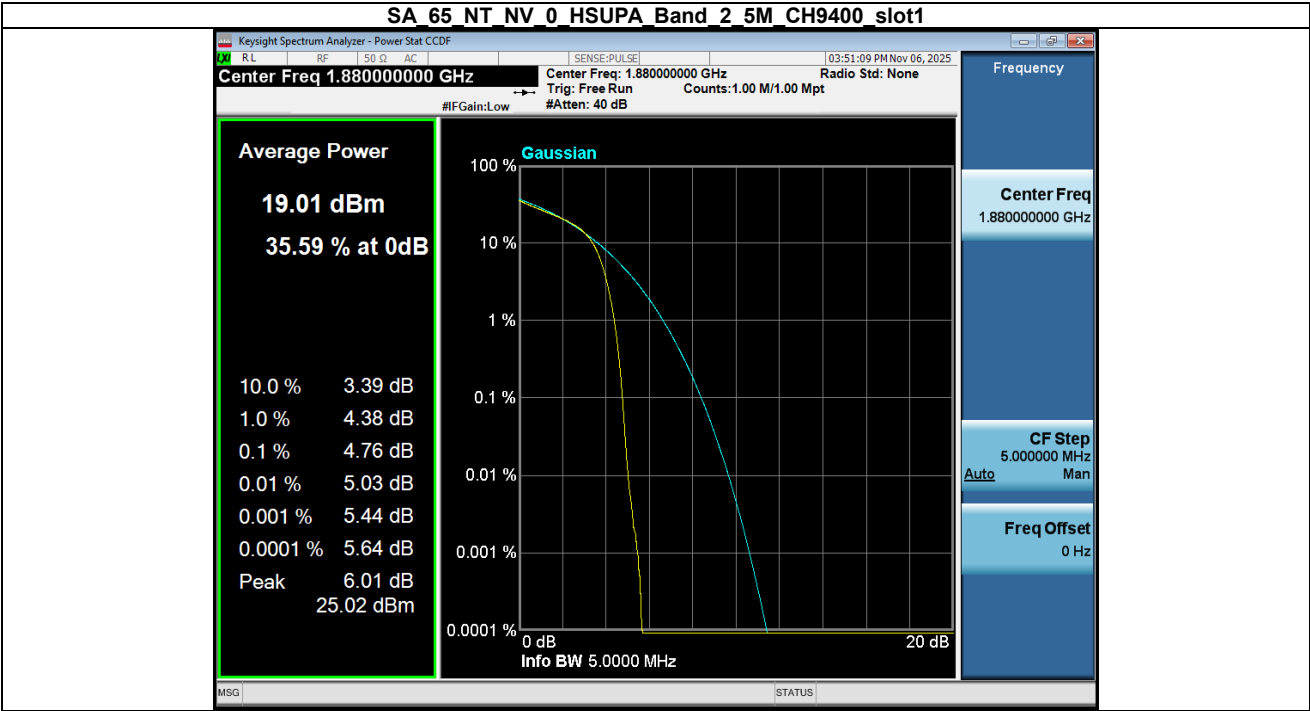
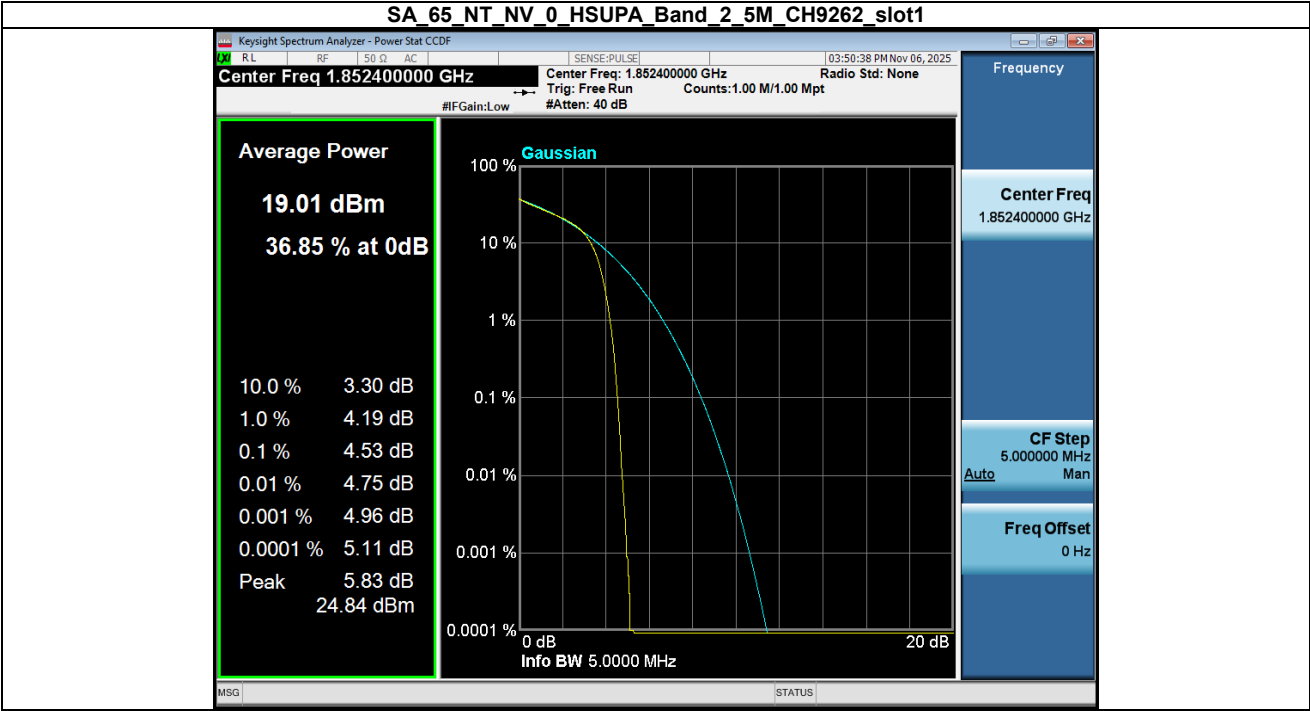


SA_65_NT_NV_0_HSUPA_Band_2_5M_CH9538_slot1

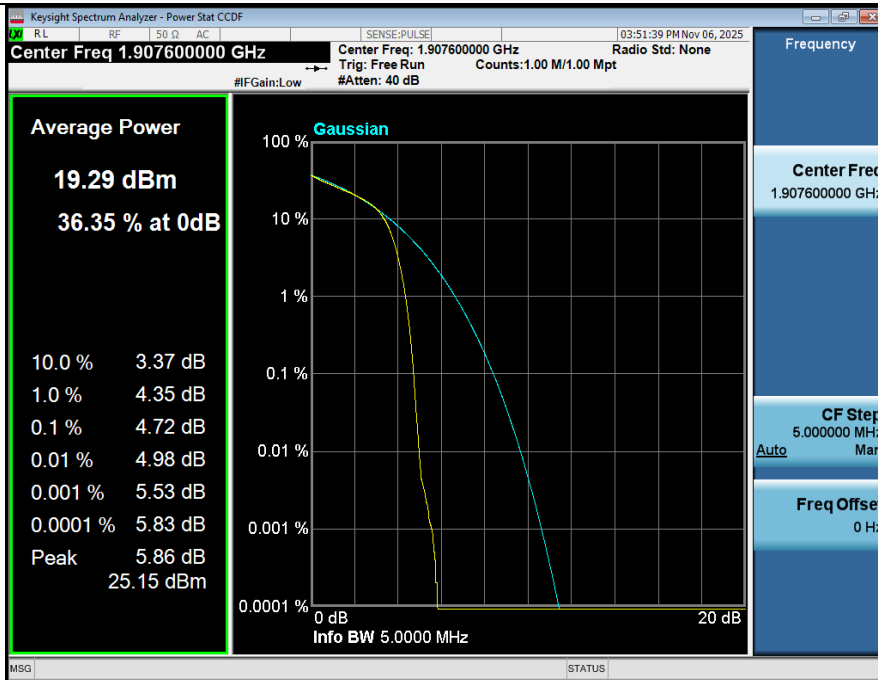


3. Peak to Average Ratio

Condition	Mode	Band	Frequency(MHz)	Sub	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NVNT	HSUPA	Band 2	1852.4	1	4.53	13.00	Pass
NVNT	HSUPA	Band 2	1880.0	1	4.76	13.00	Pass
NVNT	HSUPA	Band 2	1907.6	1	4.72	13.00	Pass

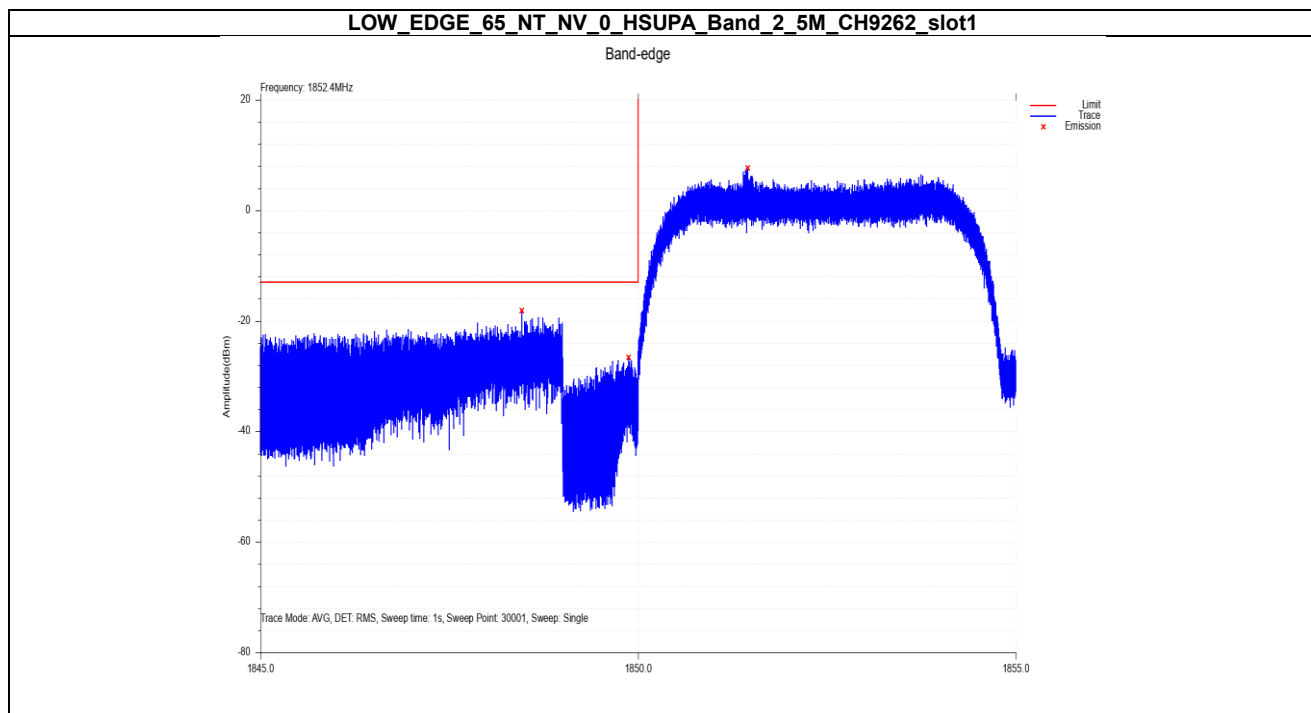


SA_65_NT_NV_0_HSUPA_Band_2_5M_CH9538_slot1

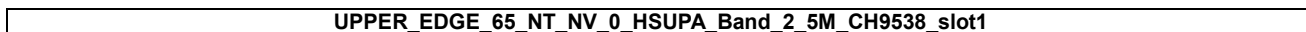
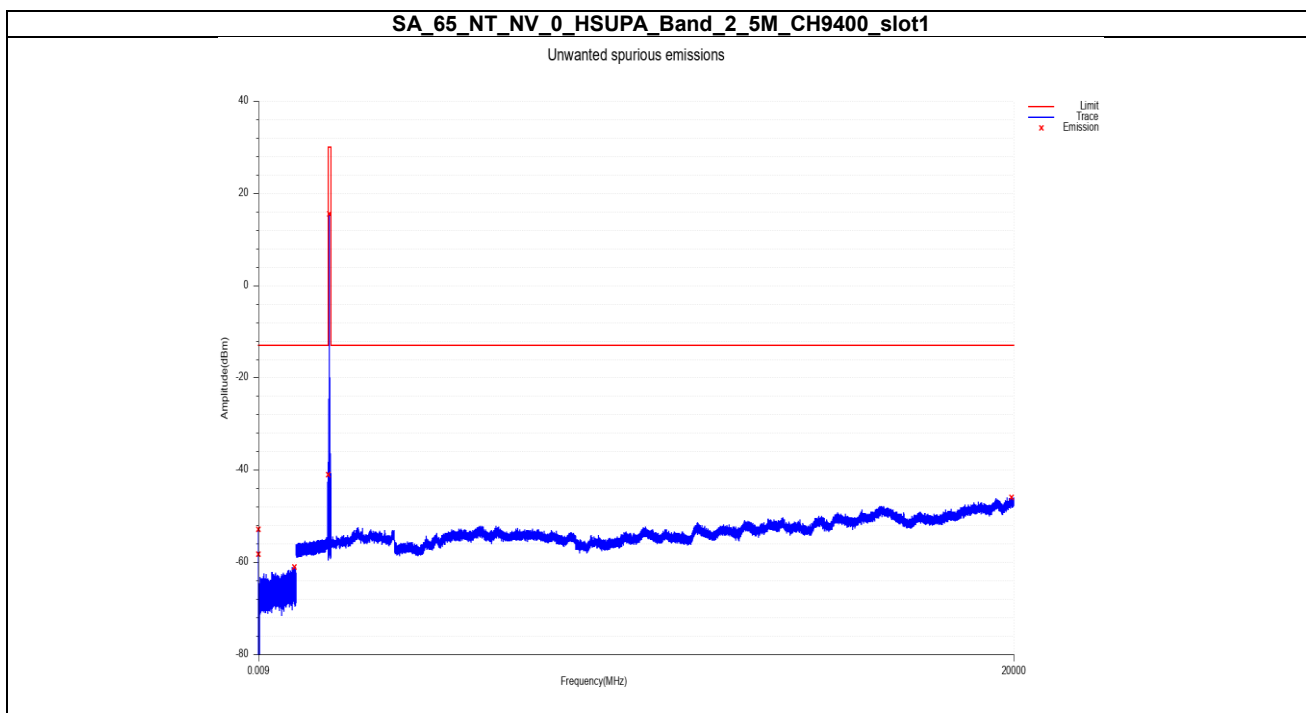
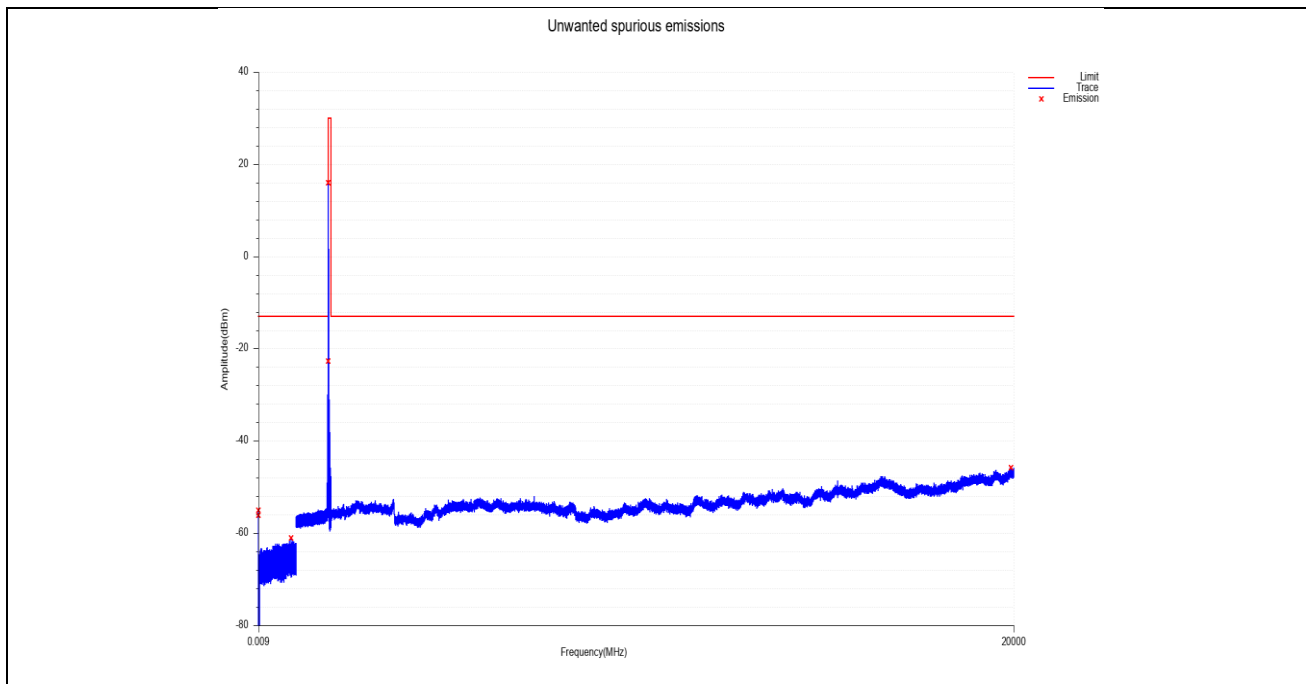


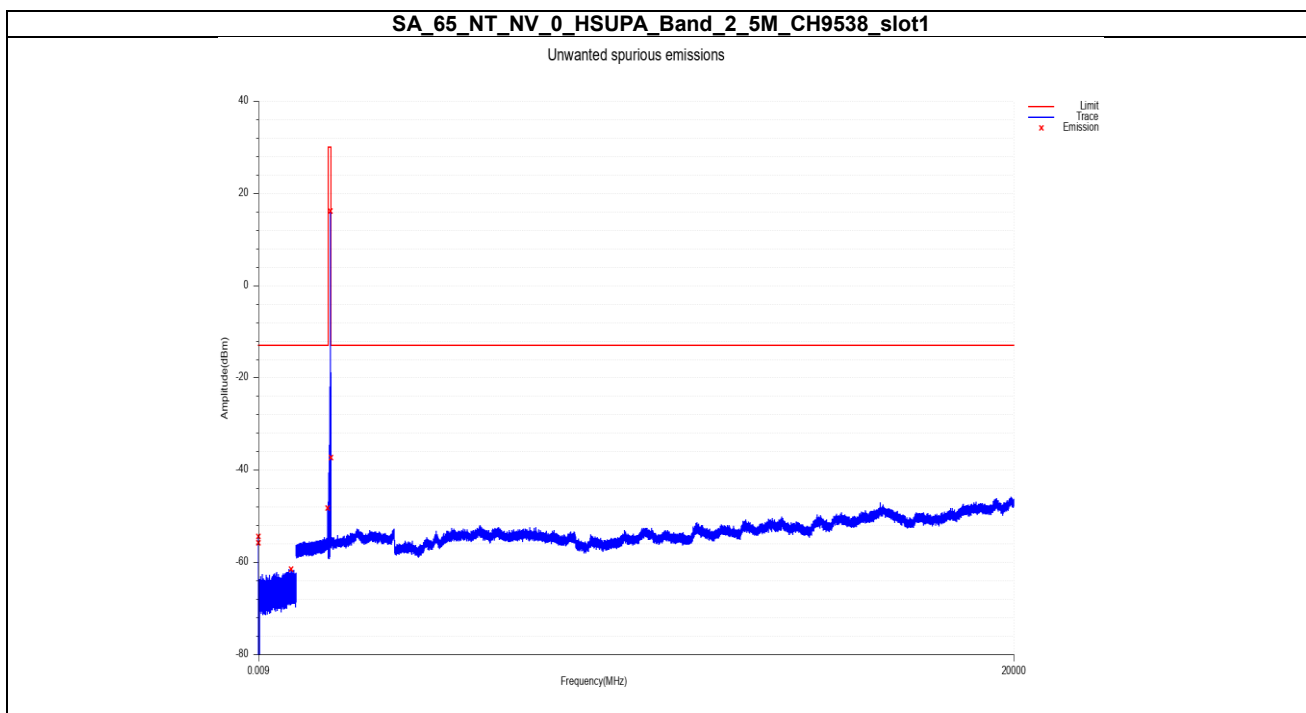
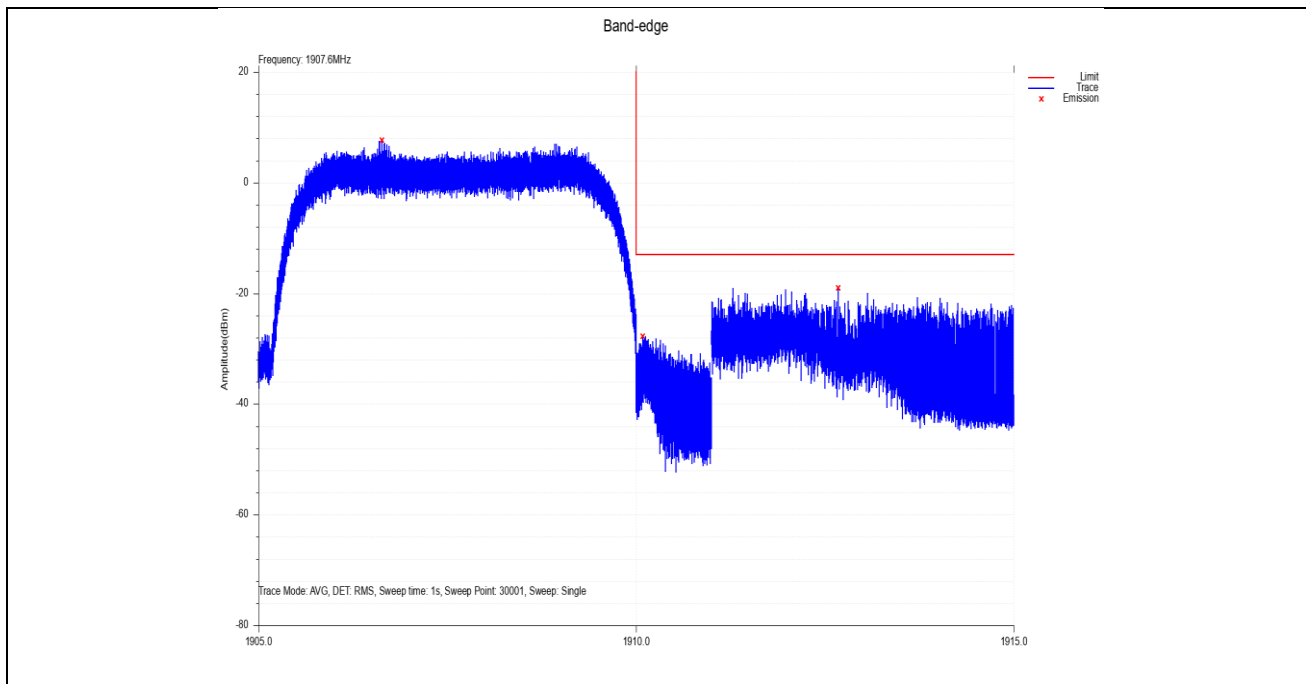
4. Unwanted Spurious Emission

Condition	Mode	Band	Frequency (MHz)	Sub	RBW(kHz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dBm)	Limit(dBm)	Result
NVNT	HSUPA	Band 2	1852.40	1	1000	1845.0~1849.0	1848.457	-18.10	-13	Pass
NVNT	HSUPA	Band 2	1852.40	1	50.0	1849.0~1850.0	1849.877	-26.63	-13	Pass
NVNT	HSUPA	Band 2	1852.40	1	1	0.009~0.150	0.011	-55.01	-13	Pass
NVNT	HSUPA	Band 2	1852.40	1	10	0.150~30.000	0.158	-56.15	-13	Pass
NVNT	HSUPA	Band 2	1852.40	1	100	30.000~1000.000	860.837	-61.01	-13	Pass
NVNT	HSUPA	Band 2	1852.40	1	1000	1000.000~1845.000	1843.226	-22.63	-13	Pass
NVNT	HSUPA	Band 2	1852.40	1	1000	1915.000~20000.000	19927.660	-45.82	-13	Pass
NVNT	HSUPA	Band 2	1880.00	1	1	0.009~0.150	0.011	-52.84	-13	Pass
NVNT	HSUPA	Band 2	1880.00	1	10	0.150~30.000	0.168	-58.28	-13	Pass
NVNT	HSUPA	Band 2	1880.00	1	100	30.000~1000.000	951.985	-61.10	-13	Pass
NVNT	HSUPA	Band 2	1880.00	1	1000	1000.000~1845.000	1844.859	-41.01	-13	Pass
NVNT	HSUPA	Band 2	1880.00	1	1000	1915.000~20000.000	19935.497	-45.89	-13	Pass
NVNT	HSUPA	Band 2	1907.60	1	50.0	1910.0~1911.0	1910.088	-27.80	-13	Pass
NVNT	HSUPA	Band 2	1907.60	1	1000	1911.0~1915.0	1912.676	-19.02	-13	Pass
NVNT	HSUPA	Band 2	1907.60	1	1	0.009~0.150	0.015	-54.40	-13	Pass
NVNT	HSUPA	Band 2	1907.60	1	10	0.150~30.000	0.164	-55.86	-13	Pass
NVNT	HSUPA	Band 2	1907.60	1	100	30.000~1000.000	863.165	-61.54	-13	Pass
NVNT	HSUPA	Band 2	1907.60	1	1000	1000.000~1845.000	1839.423	-48.21	-13	Pass
NVNT	HSUPA	Band 2	1907.60	1	1000	1915.000~20000.000	1915.603	-37.26	-13	Pass



SA_65_NT_NV_0_HSUPA_Band_2_5M_CH9262_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	HSUPA	Band 2	1852.4	1	-0.0027	-2.50	2.50	Pass
-30	3.47	HSUPA	Band 2	1880.0	1	0.0084	-2.50	2.50	Pass
-30	3.47	HSUPA	Band 2	1907.6	1	0.0123	-2.50	2.50	Pass
-30	3.85	HSUPA	Band 2	1852.4	1	0.0041	-2.50	2.50	Pass
-30	3.85	HSUPA	Band 2	1880.0	1	0.0123	-2.50	2.50	Pass
-30	3.85	HSUPA	Band 2	1907.6	1	0.0047	-2.50	2.50	Pass
-30	4.24	HSUPA	Band 2	1852.4	1	0.0034	-2.50	2.50	Pass
-30	4.24	HSUPA	Band 2	1880.0	1	-0.0011	-2.50	2.50	Pass
-30	4.24	HSUPA	Band 2	1907.6	1	0.0123	-2.50	2.50	Pass
-20	3.47	HSUPA	Band 2	1852.4	1	0.0046	-2.50	2.50	Pass
-20	3.47	HSUPA	Band 2	1880.0	1	-0.0064	-2.50	2.50	Pass
-20	3.47	HSUPA	Band 2	1907.6	1	0.0057	-2.50	2.50	Pass
-20	3.85	HSUPA	Band 2	1852.4	1	0.0017	-2.50	2.50	Pass
-20	3.85	HSUPA	Band 2	1880.0	1	0.0078	-2.50	2.50	Pass
-20	3.85	HSUPA	Band 2	1907.6	1	0.0020	-2.50	2.50	Pass
-20	4.24	HSUPA	Band 2	1852.4	1	-0.0012	-2.50	2.50	Pass
-20	4.24	HSUPA	Band 2	1880.0	1	0.0030	-2.50	2.50	Pass
-20	4.24	HSUPA	Band 2	1907.6	1	0.0032	-2.50	2.50	Pass
-10	3.47	HSUPA	Band 2	1852.4	1	0.0064	-2.50	2.50	Pass
-10	3.47	HSUPA	Band 2	1880.0	1	0.0025	-2.50	2.50	Pass
-10	3.47	HSUPA	Band 2	1907.6	1	0.0015	-2.50	2.50	Pass
-10	3.85	HSUPA	Band 2	1852.4	1	-0.0044	-2.50	2.50	Pass
-10	3.85	HSUPA	Band 2	1880.0	1	0.0003	-2.50	2.50	Pass
-10	3.85	HSUPA	Band 2	1907.6	1	0.0036	-2.50	2.50	Pass
-10	4.24	HSUPA	Band 2	1852.4	1	0.0002	-2.50	2.50	Pass
-10	4.24	HSUPA	Band 2	1880.0	1	0.0124	-2.50	2.50	Pass
-10	4.24	HSUPA	Band 2	1907.6	1	0.0013	-2.50	2.50	Pass
0	3.47	HSUPA	Band 2	1852.4	1	-0.0041	-2.50	2.50	Pass
0	3.47	HSUPA	Band 2	1880.0	1	0.0090	-2.50	2.50	Pass
0	3.47	HSUPA	Band 2	1907.6	1	-0.0023	-2.50	2.50	Pass
0	3.85	HSUPA	Band 2	1852.4	1	0.0054	-2.50	2.50	Pass
0	3.85	HSUPA	Band 2	1880.0	1	-0.0009	-2.50	2.50	Pass
0	3.85	HSUPA	Band 2	1907.6	1	0.0089	-2.50	2.50	Pass
0	4.24	HSUPA	Band 2	1852.4	1	0.0094	-2.50	2.50	Pass
0	4.24	HSUPA	Band 2	1880.0	1	0.0038	-2.50	2.50	Pass
0	4.24	HSUPA	Band 2	1907.6	1	0.0093	-2.50	2.50	Pass
10	3.47	HSUPA	Band 2	1852.4	1	0.0022	-2.50	2.50	Pass
10	3.47	HSUPA	Band 2	1880.0	1	0.0100	-2.50	2.50	Pass
10	3.47	HSUPA	Band 2	1907.6	1	0.0112	-2.50	2.50	Pass
10	3.85	HSUPA	Band 2	1852.4	1	0.0066	-2.50	2.50	Pass
10	3.85	HSUPA	Band 2	1880.0	1	0.0071	-2.50	2.50	Pass
10	3.85	HSUPA	Band 2	1907.6	1	0.0043	-2.50	2.50	Pass
10	4.24	HSUPA	Band 2	1852.4	1	0.0017	-2.50	2.50	Pass
10	4.24	HSUPA	Band 2	1880.0	1	0.0045	-2.50	2.50	Pass
10	4.24	HSUPA	Band 2	1907.6	1	0.0013	-2.50	2.50	Pass
20	3.47	HSUPA	Band 2	1852.4	1	0.0071	-2.50	2.50	Pass
20	3.47	HSUPA	Band 2	1880.0	1	-0.0018	-2.50	2.50	Pass
20	3.47	HSUPA	Band 2	1907.6	1	0.0088	-2.50	2.50	Pass
20	3.85	HSUPA	Band 2	1852.4	1	0.0031	-2.50	2.50	Pass
20	3.85	HSUPA	Band 2	1880.0	1	0.0000	-2.50	2.50	Pass
20	3.85	HSUPA	Band 2	1907.6	1	0.0060	-2.50	2.50	Pass
20	4.24	HSUPA	Band 2	1852.4	1	0.0076	-2.50	2.50	Pass
20	4.24	HSUPA	Band 2	1880.0	1	-0.0039	-2.50	2.50	Pass
20	4.24	HSUPA	Band 2	1907.6	1	-0.0017	-2.50	2.50	Pass
30	3.47	HSUPA	Band 2	1852.4	1	0.0082	-2.50	2.50	Pass
30	3.47	HSUPA	Band 2	1880.0	1	0.0122	-2.50	2.50	Pass
30	3.47	HSUPA	Band 2	1907.6	1	0.0047	-2.50	2.50	Pass
30	3.85	HSUPA	Band 2	1852.4	1	0.0037	-2.50	2.50	Pass
30	3.85	HSUPA	Band 2	1880.0	1	0.0035	-2.50	2.50	Pass
30	3.85	HSUPA	Band 2	1907.6	1	0.0081	-2.50	2.50	Pass
30	4.24	HSUPA	Band 2	1852.4	1	0.0042	-2.50	2.50	Pass
30	4.24	HSUPA	Band 2	1880.0	1	0.0087	-2.50	2.50	Pass
30	4.24	HSUPA	Band 2	1907.6	1	0.0031	-2.50	2.50	Pass
40	3.47	HSUPA	Band 2	1852.4	1	0.0060	-2.50	2.50	Pass
40	3.47	HSUPA	Band 2	1880.0	1	0.0030	-2.50	2.50	Pass

40	3.47	HSUPA	Band 2	1907.6	1	-0.0006	-2.50	2.50	Pass
40	3.85	HSUPA	Band 2	1852.4	1	0.0051	-2.50	2.50	Pass
40	3.85	HSUPA	Band 2	1880.0	1	0.0127	-2.50	2.50	Pass
40	3.85	HSUPA	Band 2	1907.6	1	0.0029	-2.50	2.50	Pass
40	4.24	HSUPA	Band 2	1852.4	1	0.0094	-2.50	2.50	Pass
40	4.24	HSUPA	Band 2	1880.0	1	0.0000	-2.50	2.50	Pass
40	4.24	HSUPA	Band 2	1907.6	1	0.0070	-2.50	2.50	Pass
50	3.47	HSUPA	Band 2	1852.4	1	-0.0024	-2.50	2.50	Pass
50	3.47	HSUPA	Band 2	1880.0	1	-0.0047	-2.50	2.50	Pass
50	3.47	HSUPA	Band 2	1907.6	1	0.0042	-2.50	2.50	Pass
50	3.85	HSUPA	Band 2	1852.4	1	-0.0028	-2.50	2.50	Pass
50	3.85	HSUPA	Band 2	1880.0	1	0.0059	-2.50	2.50	Pass
50	3.85	HSUPA	Band 2	1907.6	1	0.0042	-2.50	2.50	Pass
50	4.24	HSUPA	Band 2	1852.4	1	0.0070	-2.50	2.50	Pass
50	4.24	HSUPA	Band 2	1880.0	1	0.0027	-2.50	2.50	Pass
50	4.24	HSUPA	Band 2	1907.6	1	0.0037	-2.50	2.50	Pass