

1. Effective (Isotropic) Radiated Power Output Data

1.1 GSM850_ERP(ANT13)

1.1.1 Test Result

| Band: GSM850 | | | | | | | | | |
|--------------|---------|------------|-----------------|-----------------------|------------|-----------|---------|---------|------|
| ENV | Mode | | Frequency (MHz) | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict | |
| | Network | Subset | | | | Result | Limit | | |
| NTNV | GSM | GSM | 824.2 | 32.58 | -4.40 | 26.03 | <=38.45 | Pass | |
| | | | 836.6 | 32.79 | -4.40 | 26.24 | <=38.45 | Pass | |
| | | | 848.8 | 32.75 | -4.40 | 26.20 | <=38.45 | Pass | |
| | GPRS | 1 TX Slot | 824.2 | 32.58 | -4.40 | 26.03 | <=38.45 | Pass | |
| | | | 2 TX Slots | 824.2 | 31.85 | -4.40 | 25.30 | <=38.45 | Pass |
| | | | 3 TX Slots | 824.2 | 30.13 | -4.40 | 23.58 | <=38.45 | Pass |
| | | | 4 TX Slots | 824.2 | 29.05 | -4.40 | 22.50 | <=38.45 | Pass |
| | | 2 TX Slots | 836.6 | 32.75 | -4.40 | 26.20 | <=38.45 | Pass | |
| | | | 836.6 | 32.04 | -4.40 | 25.49 | <=38.45 | Pass | |
| | | | 836.6 | 30.32 | -4.40 | 23.77 | <=38.45 | Pass | |
| | | | 836.6 | 29.25 | -4.40 | 22.70 | <=38.45 | Pass | |
| | | 3 TX Slots | 848.8 | 32.67 | -4.40 | 26.12 | <=38.45 | Pass | |
| | | | 848.8 | 31.97 | -4.40 | 25.42 | <=38.45 | Pass | |
| | | | 848.8 | 30.27 | -4.40 | 23.72 | <=38.45 | Pass | |
| | | | 848.8 | 29.23 | -4.40 | 22.68 | <=38.45 | Pass | |
| | EGPRS | 1 TX Slot | 824.2 | 26.87 | -4.40 | 20.32 | <=38.45 | Pass | |
| | | | 824.2 | 25.73 | -4.40 | 19.18 | <=38.45 | Pass | |
| | | | 824.2 | 23.66 | -4.40 | 17.11 | <=38.45 | Pass | |
| | | | 824.2 | 22.43 | -4.40 | 15.88 | <=38.45 | Pass | |
| | | 2 TX Slots | 836.6 | 26.65 | -4.40 | 20.10 | <=38.45 | Pass | |
| | | | 836.6 | 25.52 | -4.40 | 18.97 | <=38.45 | Pass | |
| | | | 836.6 | 23.36 | -4.40 | 16.81 | <=38.45 | Pass | |
| | | | 836.6 | 22.38 | -4.40 | 15.83 | <=38.45 | Pass | |
| | | 3 TX Slots | 848.8 | 26.65 | -4.40 | 20.10 | <=38.45 | Pass | |
| | | | 848.8 | 25.58 | -4.40 | 19.03 | <=38.45 | Pass | |
| | | | 848.8 | 23.55 | -4.40 | 17.00 | <=38.45 | Pass | |
| | | | 848.8 | 22.29 | -4.40 | 15.74 | <=38.45 | Pass | |
| | | | 848.8 | 22.29 | -4.40 | 15.74 | <=38.45 | Pass | |

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 GSM850

2.1.1 Test Result

| Band: GSM850 | | | | | | | |
|--------------|-----------------|------------|---------------|------------------|-----------------------|-------------|-------------|
| Network | Frequency (MHz) | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | | | | Result | Limit | |
| GSM | 824.2 | 20 | 3.7 | 0.603 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | 3.91 | 0.249 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | 4.4 | -0.324 | -0.0004 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | -1.278 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | -20 | 3.91 | 0.104 | 0.0001 | -2.5 to 2.5 |
| | | -10 | 3.91 | 1.921 | 0.0023 | -2.5 to 2.5 | Pass |
| | | | 0 | 3.91 | 1.927 | 0.0023 | -2.5 to 2.5 |
| | | 10 | 3.91 | -0.621 | -0.0008 | -2.5 to 2.5 | Pass |

| | | | | | | | |
|-------|-------|-------|--------|-------------|-------------|-------------|------|
| | | 30 | 3.91 | 5.978 | 0.0073 | -2.5 to 2.5 | Pass |
| | | 40 | 3.91 | 7.002 | 0.0085 | -2.5 to 2.5 | Pass |
| | | 50 | 3.91 | 4.410 | 0.0054 | -2.5 to 2.5 | Pass |
| | 836.6 | 20 | 3.7 | -1.081 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | 3.91 | -2.223 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | 4.4 | 1.483 | 0.0018 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | -0.606 | -0.0007 | -2.5 to 2.5 | Pass |
| | | -20 | 3.91 | -0.288 | -0.0003 | -2.5 to 2.5 | Pass |
| | | -10 | 3.91 | 1.731 | 0.0021 | -2.5 to 2.5 | Pass |
| | | 0 | 3.91 | -1.768 | -0.0021 | -2.5 to 2.5 | Pass |
| | | 10 | 3.91 | 2.044 | 0.0024 | -2.5 to 2.5 | Pass |
| | | 30 | 3.91 | -5.228 | -0.0062 | -2.5 to 2.5 | Pass |
| | | 40 | 3.91 | -11.391 | -0.0136 | -2.5 to 2.5 | Pass |
| | | 50 | 3.91 | -4.258 | -0.0051 | -2.5 to 2.5 | Pass |
| | 848.8 | 20 | 3.7 | 0.532 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | 3.91 | 0.957 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | 4.4 | 1.632 | 0.0019 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | 0.009 | 0.0000 | -2.5 to 2.5 | Pass |
| | | -20 | 3.91 | -1.195 | -0.0014 | -2.5 to 2.5 | Pass |
| | | -10 | 3.91 | 2.351 | 0.0028 | -2.5 to 2.5 | Pass |
| | | 0 | 3.91 | 2.849 | 0.0034 | -2.5 to 2.5 | Pass |
| 10 | | 3.91 | 3.146 | 0.0037 | -2.5 to 2.5 | Pass | |
| 30 | | 3.91 | 6.580 | 0.0078 | -2.5 to 2.5 | Pass | |
| 40 | | 3.91 | 6.293 | 0.0074 | -2.5 to 2.5 | Pass | |
| 50 | 3.91 | 2.961 | 0.0035 | -2.5 to 2.5 | Pass | | |
| GPRS | 824.2 | 20 | 3.7 | -3.677 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | 3.91 | -3.094 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | 4.4 | -0.387 | -0.0005 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | 0.041 | 0.0000 | -2.5 to 2.5 | Pass |
| | | -20 | 3.91 | -0.394 | -0.0005 | -2.5 to 2.5 | Pass |
| | | -10 | 3.91 | -1.264 | -0.0015 | -2.5 to 2.5 | Pass |
| | | 0 | 3.91 | 0.413 | 0.0005 | -2.5 to 2.5 | Pass |
| | | 10 | 3.91 | 2.729 | 0.0033 | -2.5 to 2.5 | Pass |
| | | 30 | 3.91 | 0.212 | 0.0003 | -2.5 to 2.5 | Pass |
| | | 40 | 3.91 | -0.501 | -0.0006 | -2.5 to 2.5 | Pass |
| | 50 | 3.91 | -3.035 | -0.0037 | -2.5 to 2.5 | Pass | |
| | 836.6 | 20 | 3.7 | -1.269 | -0.0015 | -2.5 to 2.5 | Pass |
| | | | 3.91 | -3.777 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | 4.4 | -3.617 | -0.0043 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | -6.162 | -0.0074 | -2.5 to 2.5 | Pass |
| | | -20 | 3.91 | -4.030 | -0.0048 | -2.5 to 2.5 | Pass |
| | | -10 | 3.91 | -0.455 | -0.0005 | -2.5 to 2.5 | Pass |
| | | 0 | 3.91 | -3.979 | -0.0048 | -2.5 to 2.5 | Pass |
| | | 10 | 3.91 | -2.403 | -0.0029 | -2.5 to 2.5 | Pass |
| | | 30 | 3.91 | 0.999 | 0.0012 | -2.5 to 2.5 | Pass |
| | | 40 | 3.91 | -0.760 | -0.0009 | -2.5 to 2.5 | Pass |
| | 50 | 3.91 | -4.314 | -0.0052 | -2.5 to 2.5 | Pass | |
| | 848.8 | 20 | 3.7 | -2.435 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | 3.91 | -4.517 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | 4.4 | -2.782 | -0.0033 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | -3.856 | -0.0045 | -2.5 to 2.5 | Pass |
| | | -20 | 3.91 | -1.786 | -0.0021 | -2.5 to 2.5 | Pass |
| | | -10 | 3.91 | -3.648 | -0.0043 | -2.5 to 2.5 | Pass |
| | | 0 | 3.91 | -5.482 | -0.0065 | -2.5 to 2.5 | Pass |
| | | 10 | 3.91 | -5.020 | -0.0059 | -2.5 to 2.5 | Pass |
| | | 30 | 3.91 | -3.761 | -0.0044 | -2.5 to 2.5 | Pass |
| | | 40 | 3.91 | -2.581 | -0.0030 | -2.5 to 2.5 | Pass |
| | 50 | 3.91 | -6.786 | -0.0080 | -2.5 to 2.5 | Pass | |
| EGPRS | 824.2 | 20 | 3.7 | -10.558 | -0.0128 | -2.5 to 2.5 | Pass |

| | | | | | | | | |
|----|-------|--------|---------|-------------|-------------|-------------|-------------|------|
| | | | 3.91 | -4.808 | -0.0058 | -2.5 to 2.5 | Pass | |
| | | | 4.4 | -6.071 | -0.0074 | -2.5 to 2.5 | Pass | |
| | | -30 | 3.91 | -7.369 | -0.0089 | -2.5 to 2.5 | Pass | |
| | | -20 | 3.91 | -4.246 | -0.0052 | -2.5 to 2.5 | Pass | |
| | | -10 | 3.91 | -5.100 | -0.0062 | -2.5 to 2.5 | Pass | |
| | | 0 | 3.91 | -5.652 | -0.0069 | -2.5 to 2.5 | Pass | |
| | | 10 | 3.91 | -1.474 | -0.0018 | -2.5 to 2.5 | Pass | |
| | | 30 | 3.91 | -2.595 | -0.0031 | -2.5 to 2.5 | Pass | |
| | | 40 | 3.91 | -2.539 | -0.0031 | -2.5 to 2.5 | Pass | |
| | | 50 | 3.91 | 3.313 | 0.0040 | -2.5 to 2.5 | Pass | |
| | 836.6 | 20 | | 3.7 | -7.198 | -0.0086 | -2.5 to 2.5 | Pass |
| | | | | 3.91 | -5.906 | -0.0071 | -2.5 to 2.5 | Pass |
| | | | | 4.4 | -8.338 | -0.0100 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | -5.916 | -0.0071 | -2.5 to 2.5 | Pass | |
| | | -20 | 3.91 | -5.633 | -0.0067 | -2.5 to 2.5 | Pass | |
| | | -10 | 3.91 | -4.607 | -0.0055 | -2.5 to 2.5 | Pass | |
| | | 0 | 3.91 | -4.055 | -0.0048 | -2.5 to 2.5 | Pass | |
| | | 10 | 3.91 | -4.901 | -0.0059 | -2.5 to 2.5 | Pass | |
| | | 30 | 3.91 | -1.558 | -0.0019 | -2.5 to 2.5 | Pass | |
| | | 40 | 3.91 | -1.421 | -0.0017 | -2.5 to 2.5 | Pass | |
| | 50 | 3.91 | -4.363 | -0.0052 | -2.5 to 2.5 | Pass | | |
| | 848.8 | 20 | | 3.7 | -7.775 | -0.0092 | -2.5 to 2.5 | Pass |
| | | | | 3.91 | -5.005 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | 4.4 | -3.451 | -0.0041 | -2.5 to 2.5 | Pass |
| | | -30 | 3.91 | -8.490 | -0.0100 | -2.5 to 2.5 | Pass | |
| | | -20 | 3.91 | -6.560 | -0.0077 | -2.5 to 2.5 | Pass | |
| | | -10 | 3.91 | -8.278 | -0.0098 | -2.5 to 2.5 | Pass | |
| | | 0 | 3.91 | -6.271 | -0.0074 | -2.5 to 2.5 | Pass | |
| | | 10 | 3.91 | -7.991 | -0.0094 | -2.5 to 2.5 | Pass | |
| | | 30 | 3.91 | -6.880 | -0.0081 | -2.5 to 2.5 | Pass | |
| 40 | | 3.91 | -5.866 | -0.0069 | -2.5 to 2.5 | Pass | | |
| 50 | 3.91 | -8.109 | -0.0096 | -2.5 to 2.5 | Pass | | | |

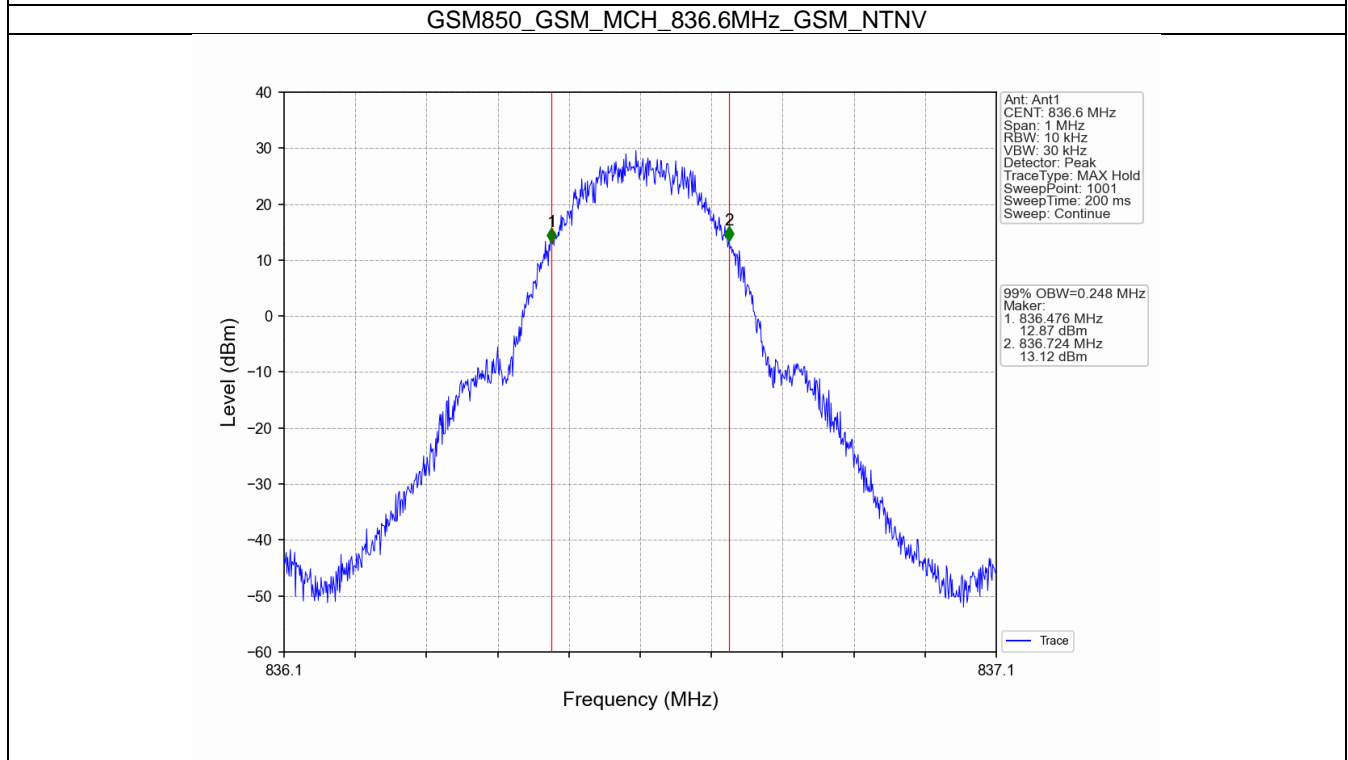
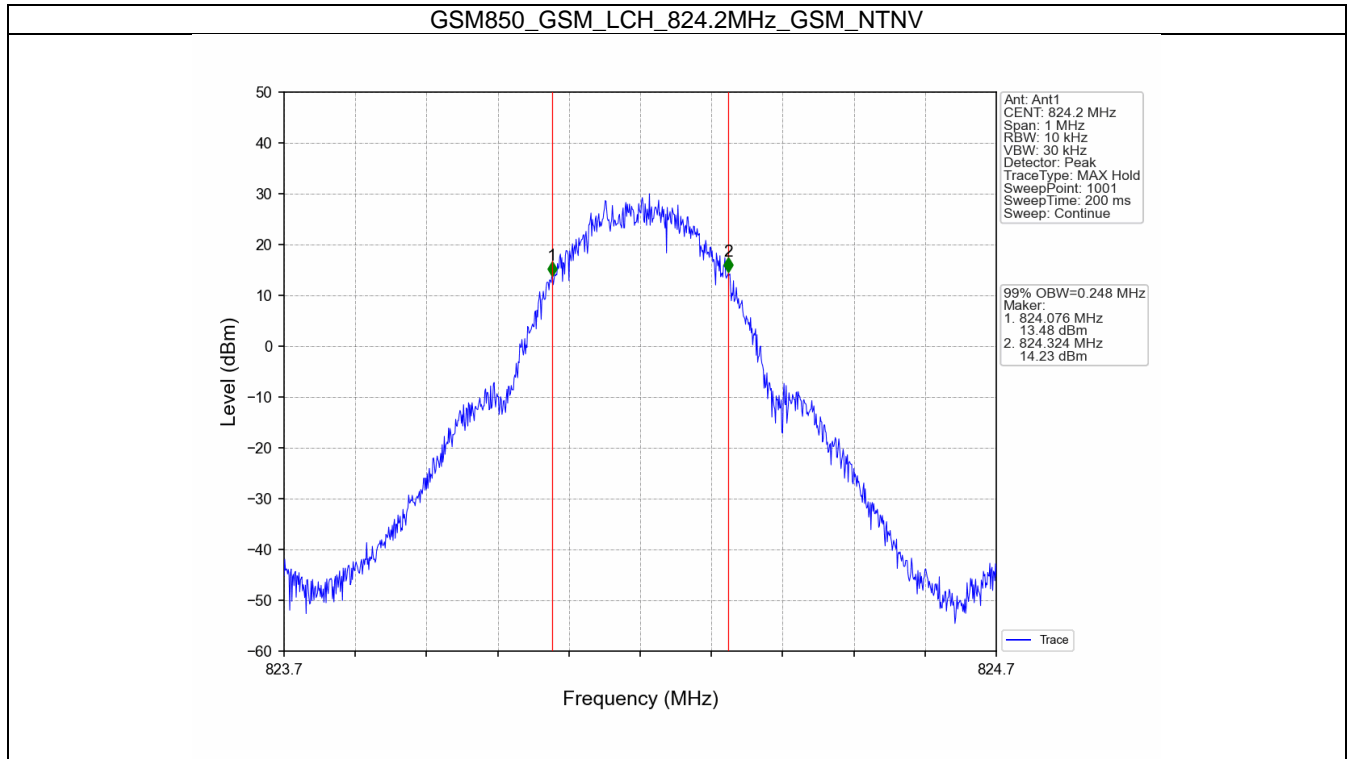
3. 99% & 26dB Bandwidth

3.1 GSM850_OBW

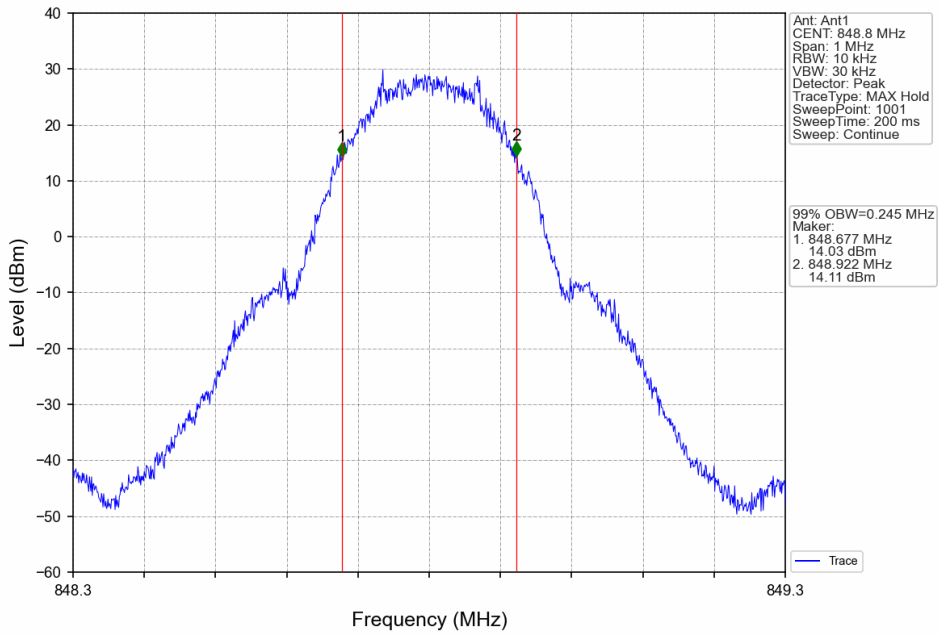
3.1.1 Test Result

| Band: GSM850 | | | | | | |
|--------------|---------|-----------|-----------------|------------------------------|-------|---------|
| ENV | Mode | | Frequency (MHz) | 99% Occupied Bandwidth (MHz) | | Verdict |
| | Network | Subset | | Result | Limit | |
| NTNV | GSM | GSM | 824.2 | 0.248 | / | Pass |
| | | | 836.6 | 0.248 | / | Pass |
| | | | 848.8 | 0.245 | / | Pass |
| | GPRS | 1 TX Slot | 824.2 | 0.242 | / | Pass |
| | | | 836.6 | 0.246 | / | Pass |
| | | | 848.8 | 0.246 | / | Pass |
| | EGPRS | 1 TX Slot | 824.2 | 0.248 | / | Pass |
| | | | 836.6 | 0.242 | / | Pass |
| | | | 848.8 | 0.246 | / | Pass |

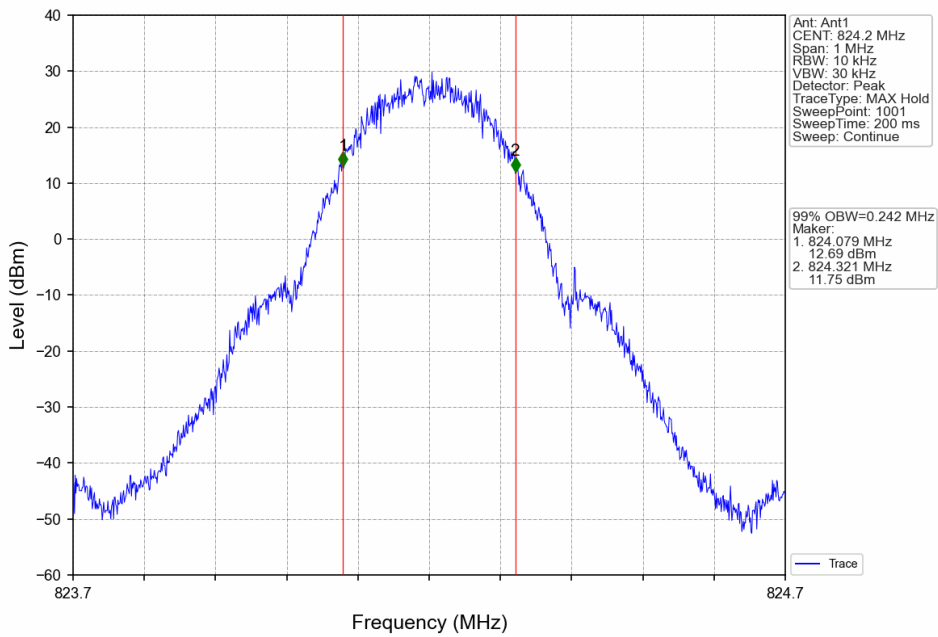
3.1.2 Test Graph



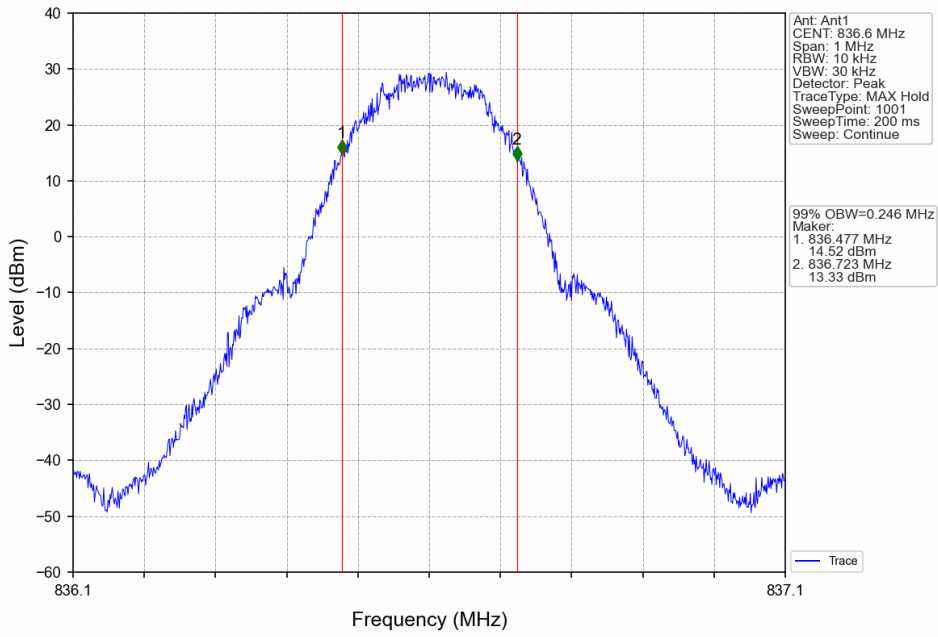
GSM850_GSM_HCH_848.8MHz_GSM_NTNV



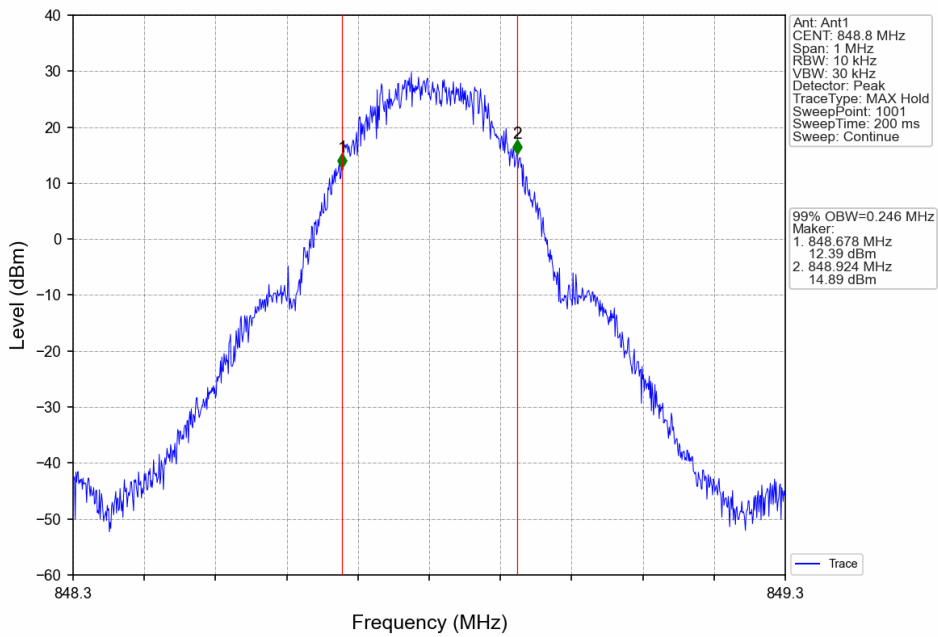
GSM850_GPRS_LCH_824.2MHz_1 TX Slot_NTNV



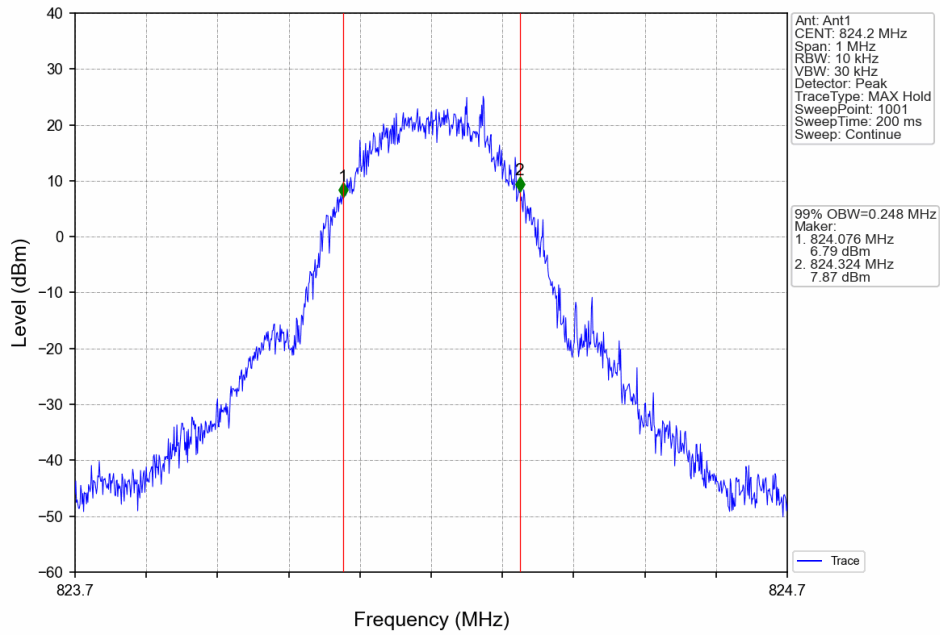
GSM850_GPRS_MCH_836.6MHz_1 TX Slot_NTNV



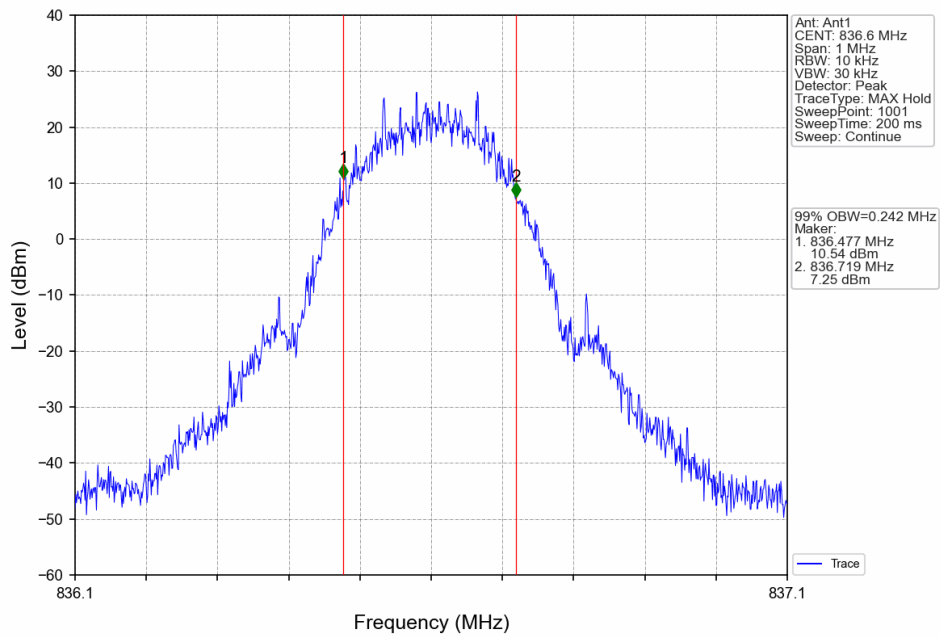
GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



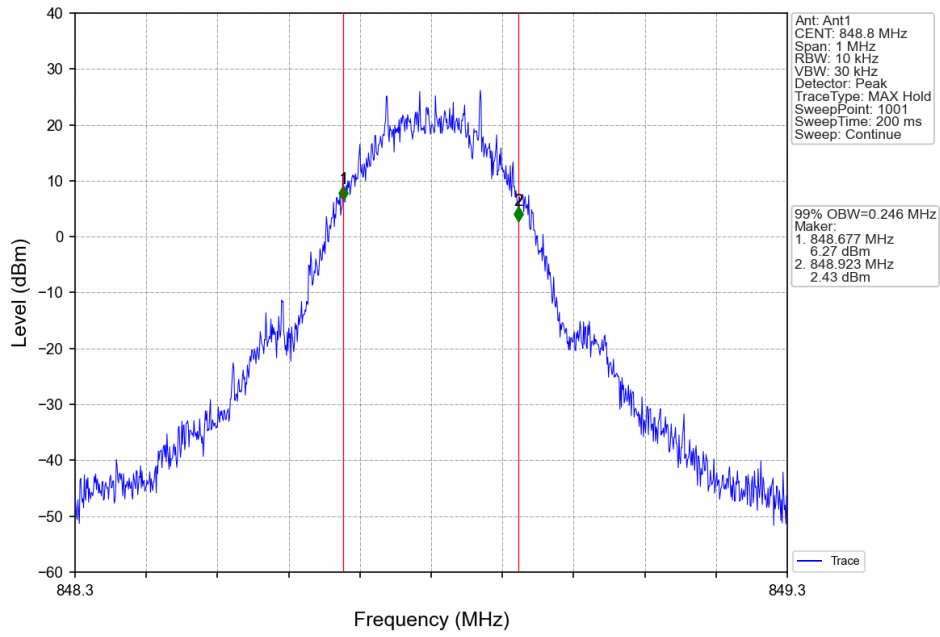
GSM850_EGPRS_LCH_824.2MHz_1 TX Slot_NTNV



GSM850_EGPRS_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGPRS_HCH_848.8MHz_1 TX Slot_NTNV

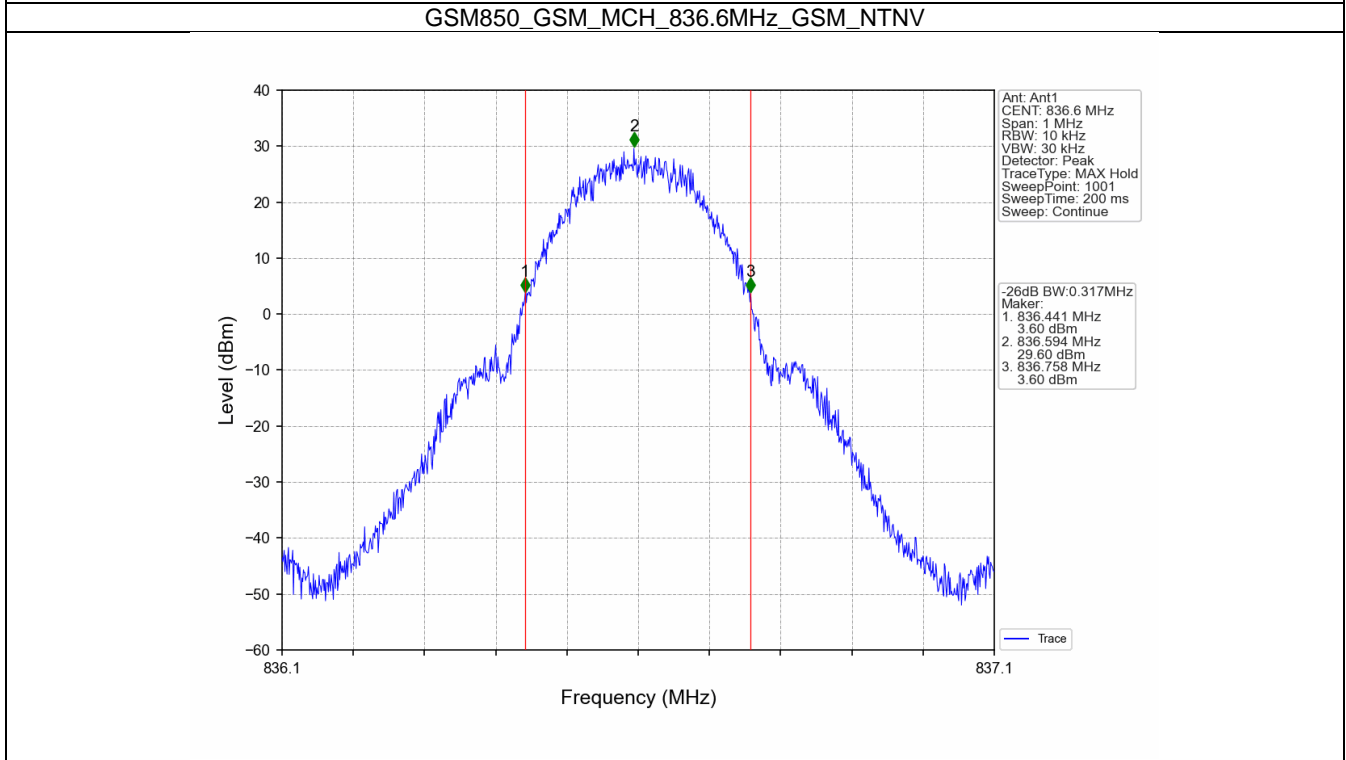
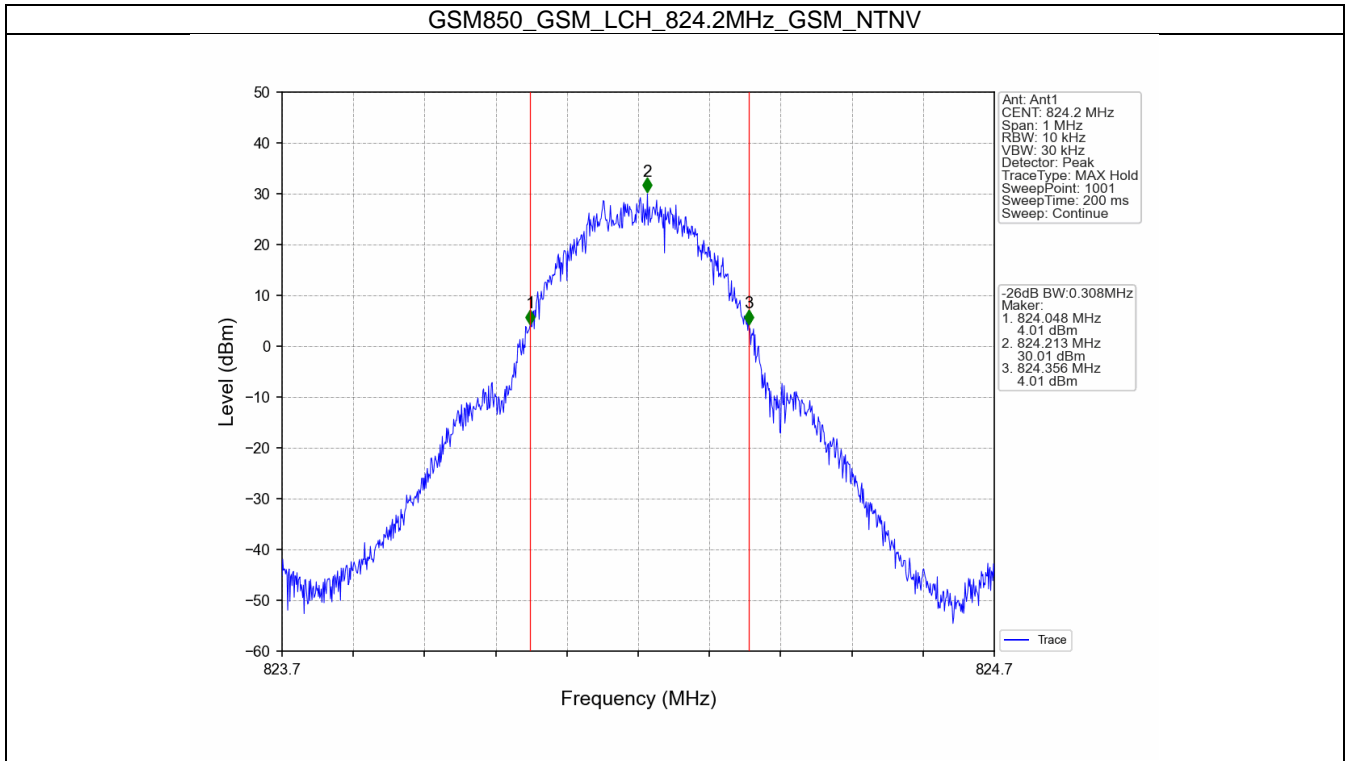


3.2 GSM850_XDB

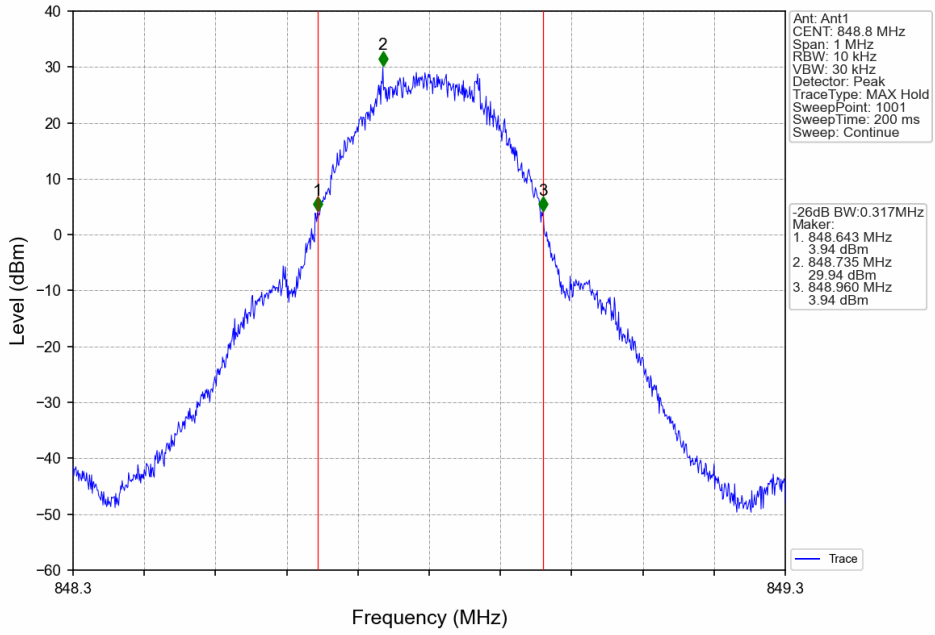
3.2.1 Test Result

| Band: GSM850 | | | | | | |
|--------------|---------|-----------|-----------------|----------------------|-------|---------|
| ENV | Mode | | Frequency (MHz) | 26dB Bandwidth (MHz) | | Verdict |
| | Network | Subset | | Result | Limit | |
| NTNV | GSM | GSM | 824.2 | 0.308 | / | Pass |
| | | | 836.6 | 0.317 | / | Pass |
| | | | 848.8 | 0.317 | / | Pass |
| | GPRS | 1 TX Slot | 824.2 | 0.315 | / | Pass |
| | | | 836.6 | 0.319 | / | Pass |
| | | | 848.8 | 0.314 | / | Pass |
| | EGPRS | 1 TX Slot | 824.2 | 0.314 | / | Pass |
| | | | 836.6 | 0.304 | / | Pass |
| | | | 848.8 | 0.305 | / | Pass |

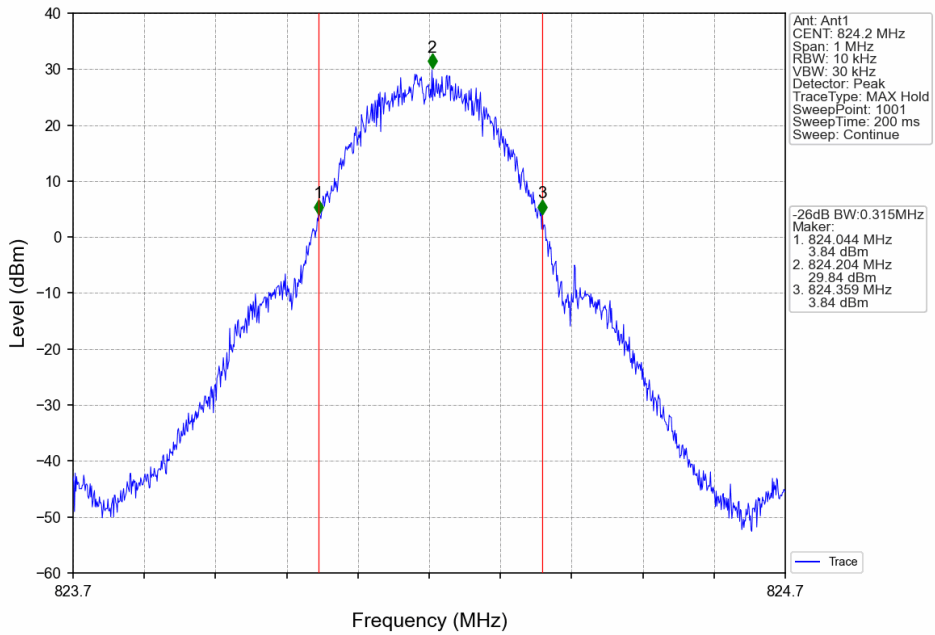
3.2.2 Test Graph



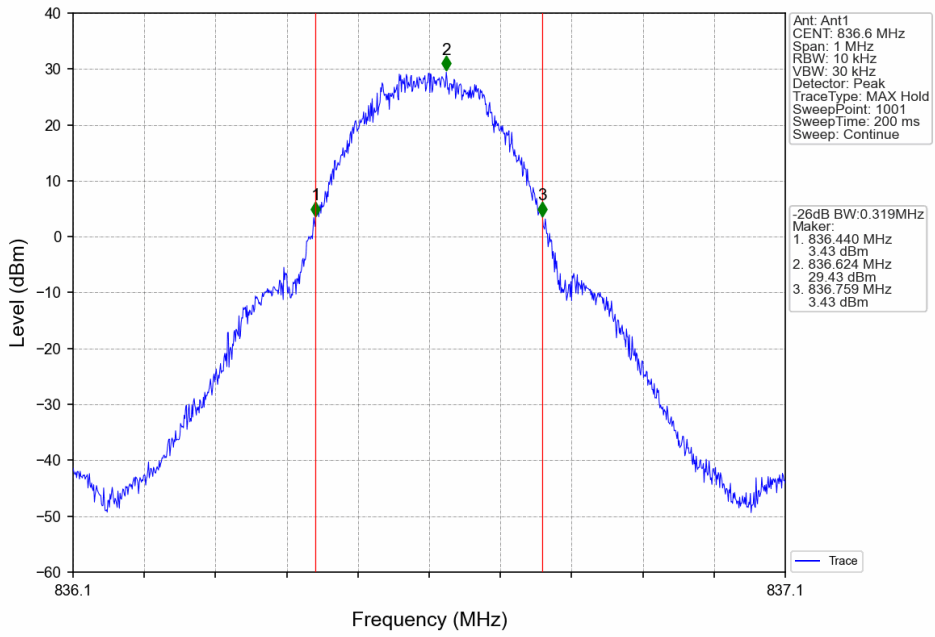
GSM850_GSM_HCH_848.8MHz_GSM_NTNV



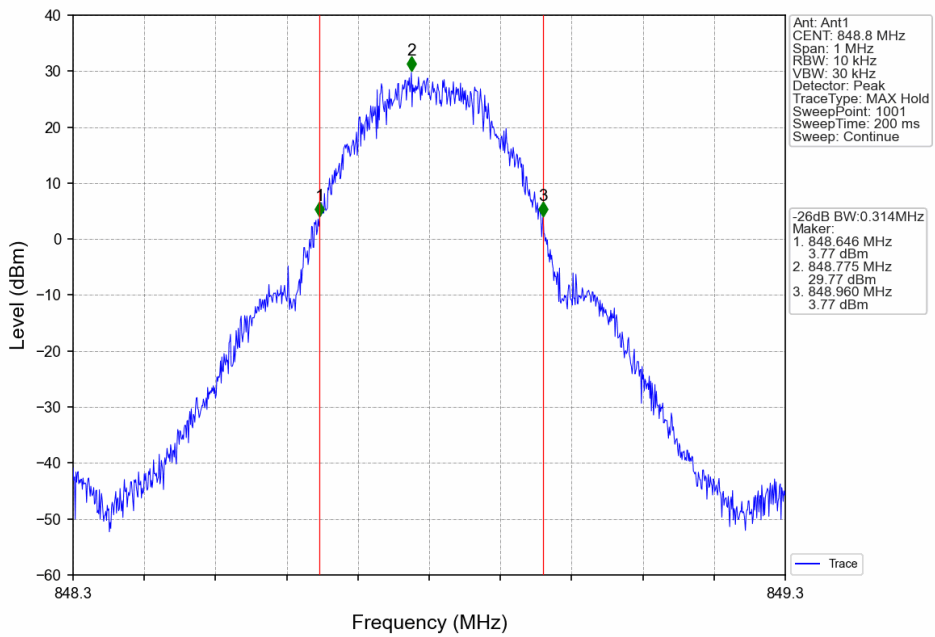
GSM850_GPRS_LCH_824.2MHz_1 TX Slot_NTNV



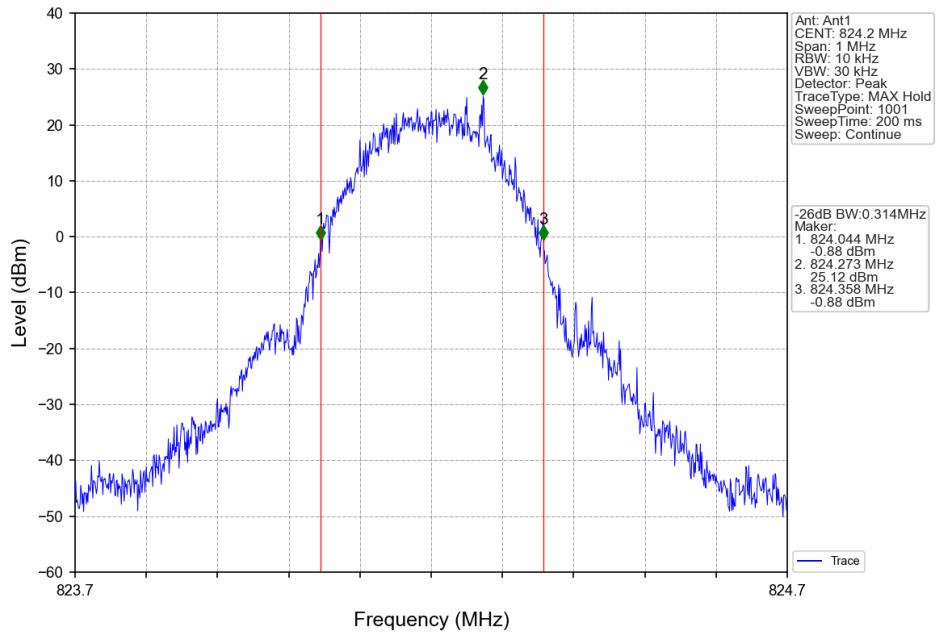
GSM850_GPRS_MCH_836.6MHz_1 TX Slot_NTNV



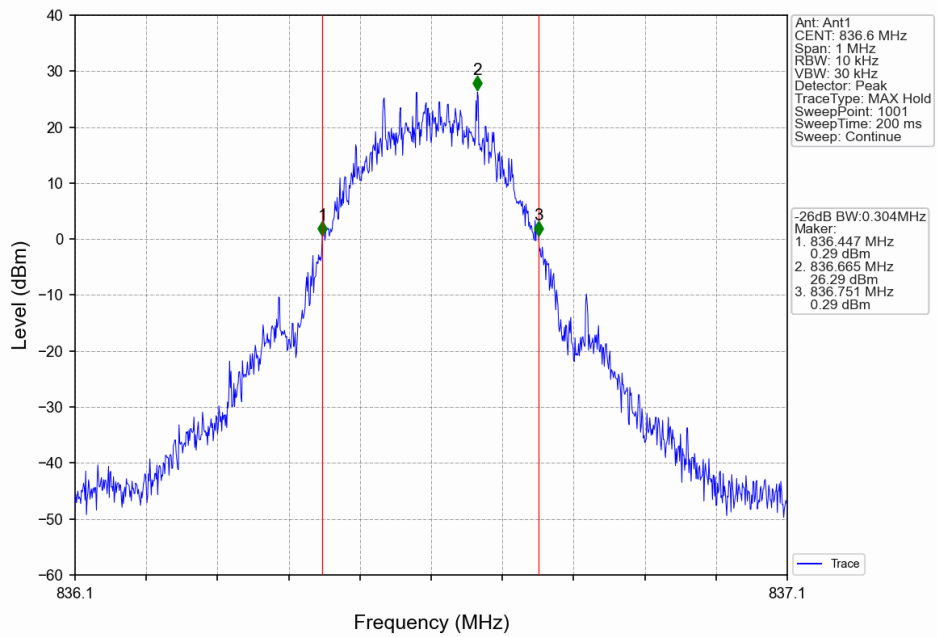
GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



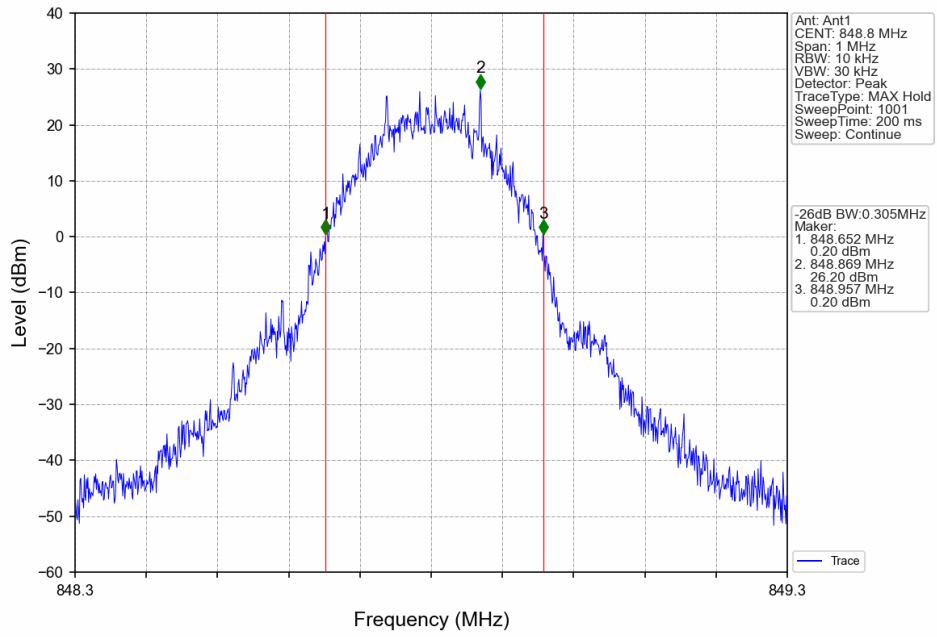
GSM850_EGPRS_LCH_824.2MHz_1 TX Slot_NTNV



GSM850_EGPRS_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGPRS_HCH_848.8MHz_1 TX Slot_NTNV



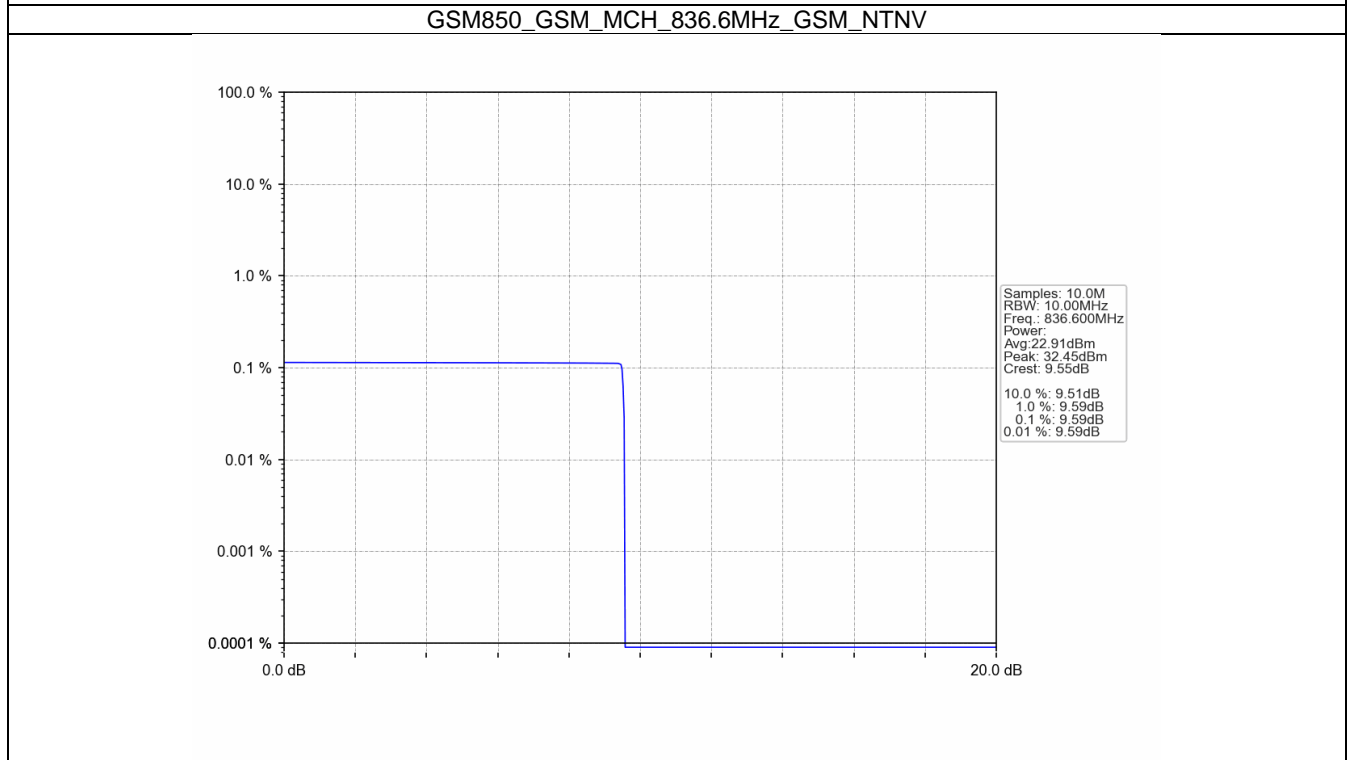
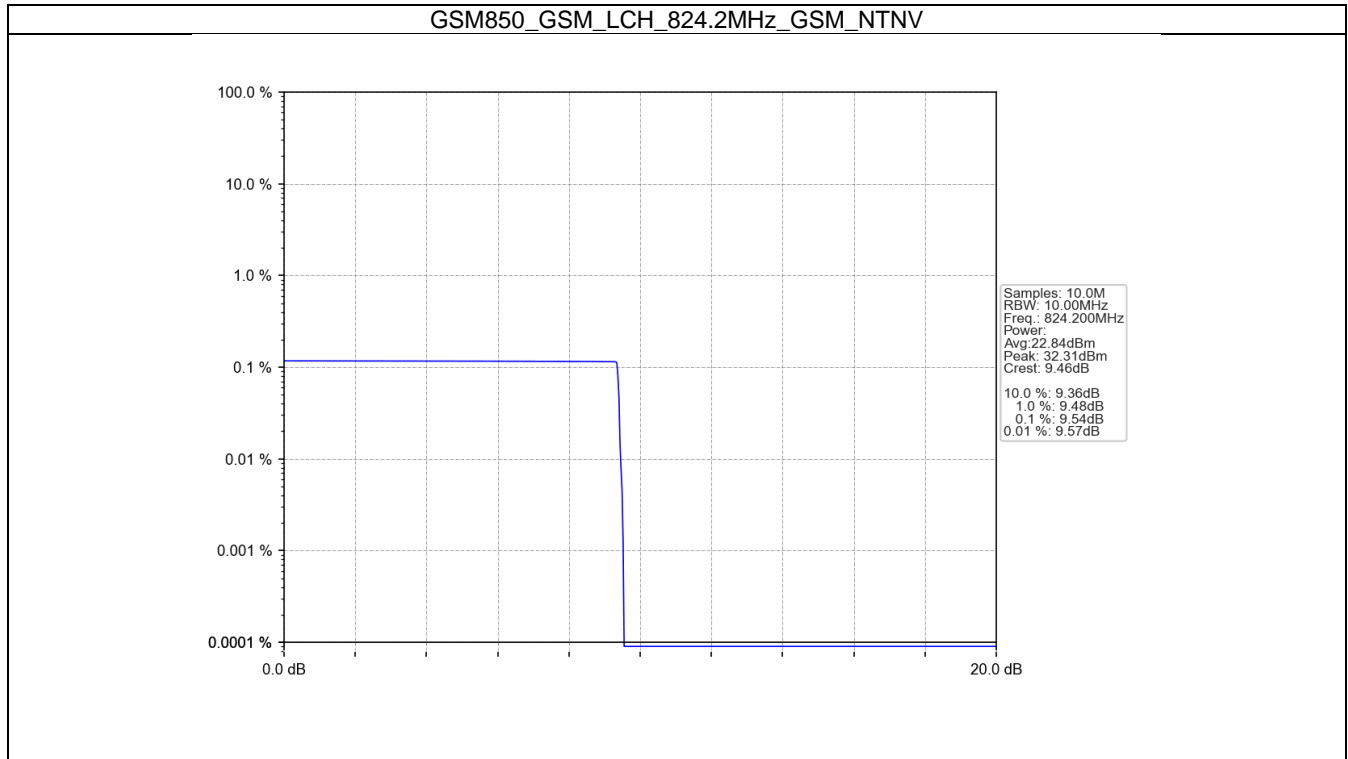
4. Peak-Average Ratio

4.1 GSM850

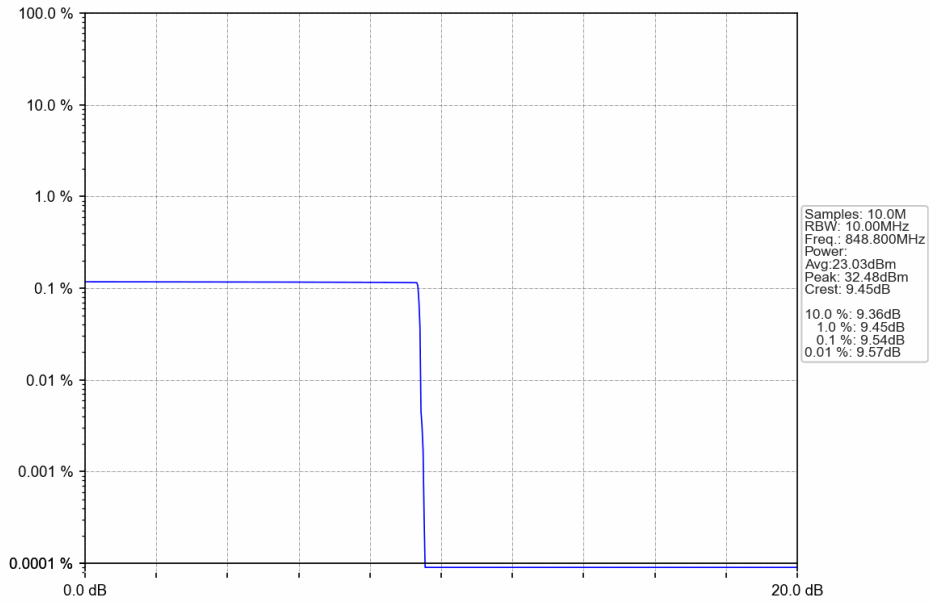
4.1.1 Test Result

| Band: GSM850 | | | | | | |
|--------------|---------|------------|-----------------|-------------------------|-------|---------|
| ENV | Mode | | Frequency (MHz) | Peak-Average Ratio (dB) | | Verdict |
| | Network | Subset | | Result | Limit | |
| NTNV | GSM | GSM | 824.2 | 9.54 | <=13 | Pass |
| | | | 836.6 | 9.59 | <=13 | Pass |
| | | | 848.8 | 9.54 | <=13 | Pass |
| | GPRS | 4 TX Slots | 824.2 | 3.54 | <=13 | Pass |
| | | | 836.6 | 3.62 | <=13 | Pass |
| | | | 848.8 | 3.59 | <=13 | Pass |
| | EGPRS | 4 TX Slots | 824.2 | 6.90 | <=13 | Pass |
| | | | 836.6 | 7.04 | <=13 | Pass |
| | | | 848.8 | 7.07 | <=13 | Pass |

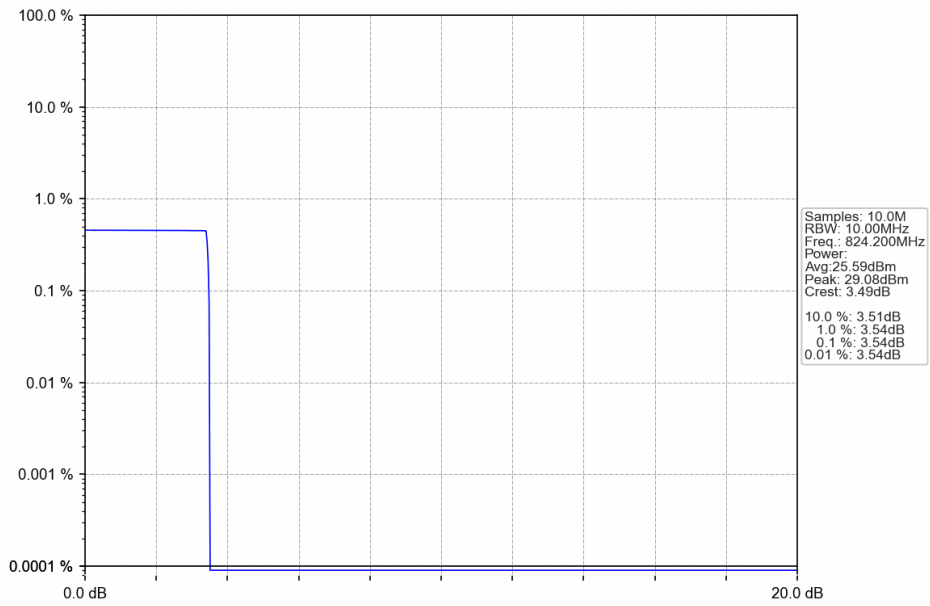
4.1.2 Test Graph



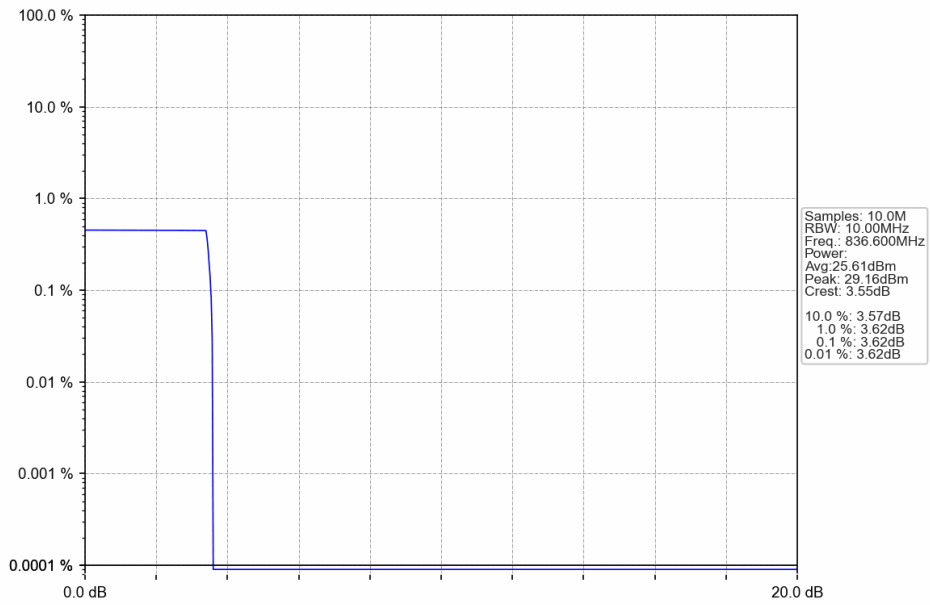
GSM850_GSM_HCH_848.8MHz_GSM_NTNV



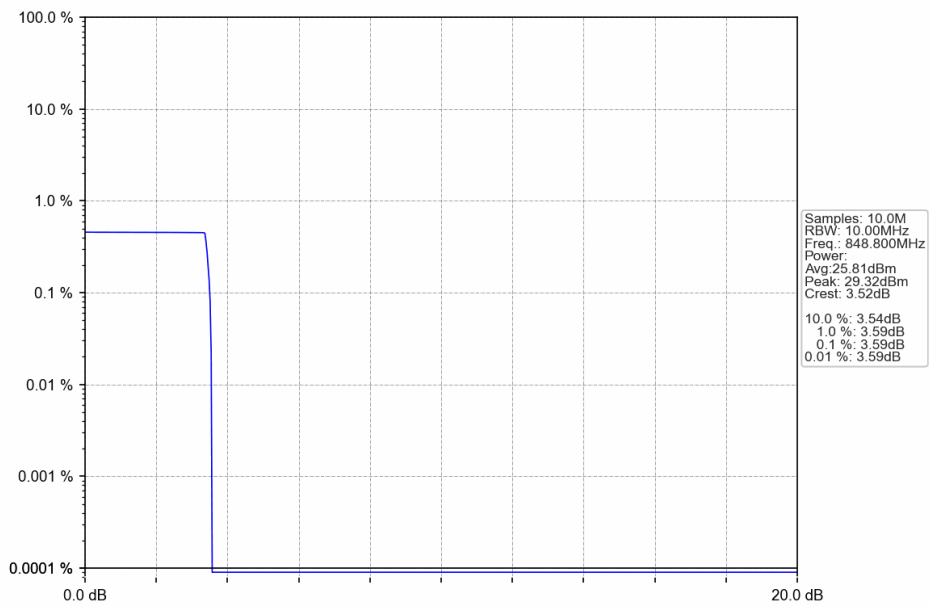
GSM850_GPRS_LCH_824.2MHz_4 TX Slots_NTNV



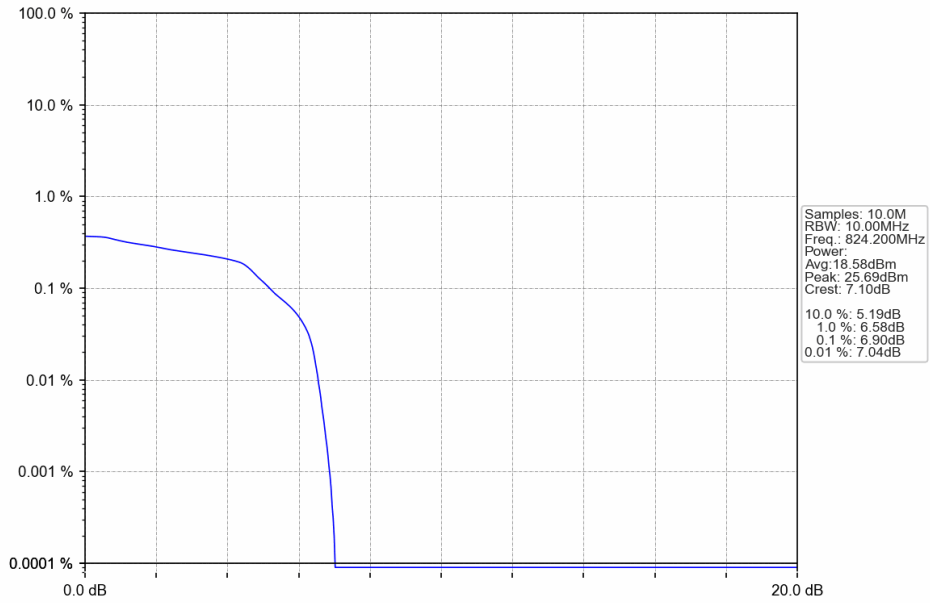
GSM850_GPRS_MCH_836.6MHz_4 TX Slots_NTNV



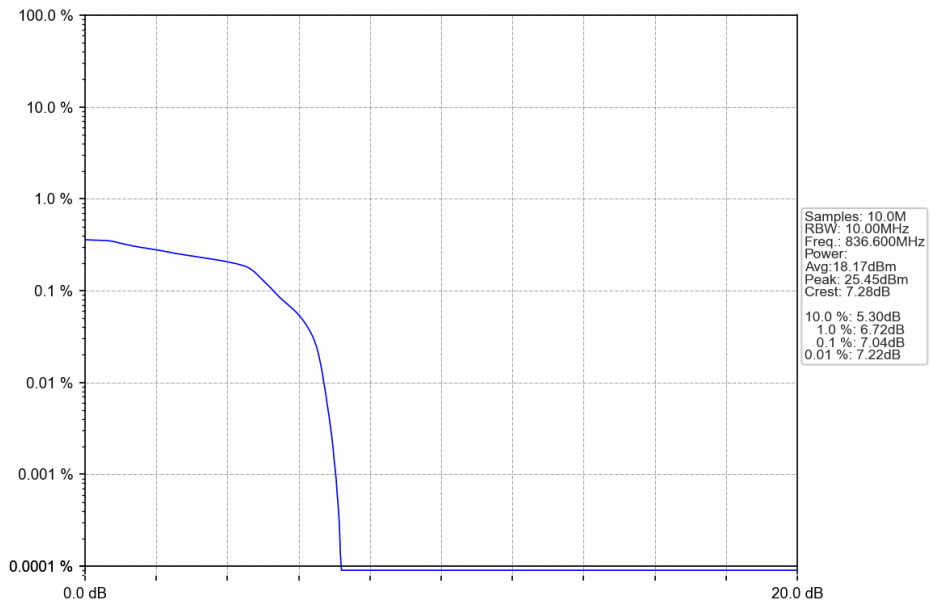
GSM850_GPRS_HCH_848.8MHz_4 TX Slots_NTNV



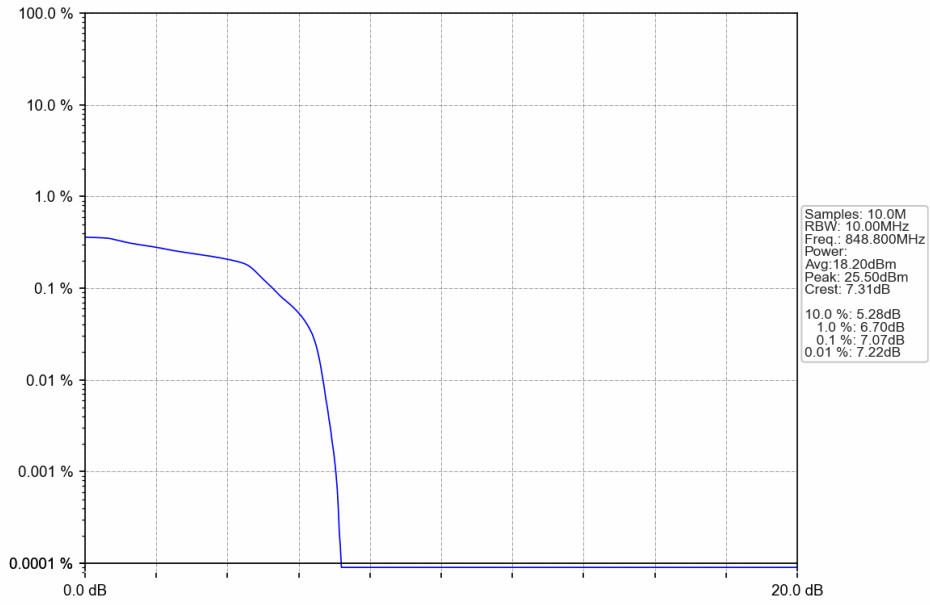
GSM850_EGPRS_LCH_824.2MHz_4 TX Slots_NTNV



GSM850_EGPRS_MCH_836.6MHz_4 TX Slots_NTNV



GSM850_EGPRS_HCH_848.8MHz_4 TX Slots_NTNV



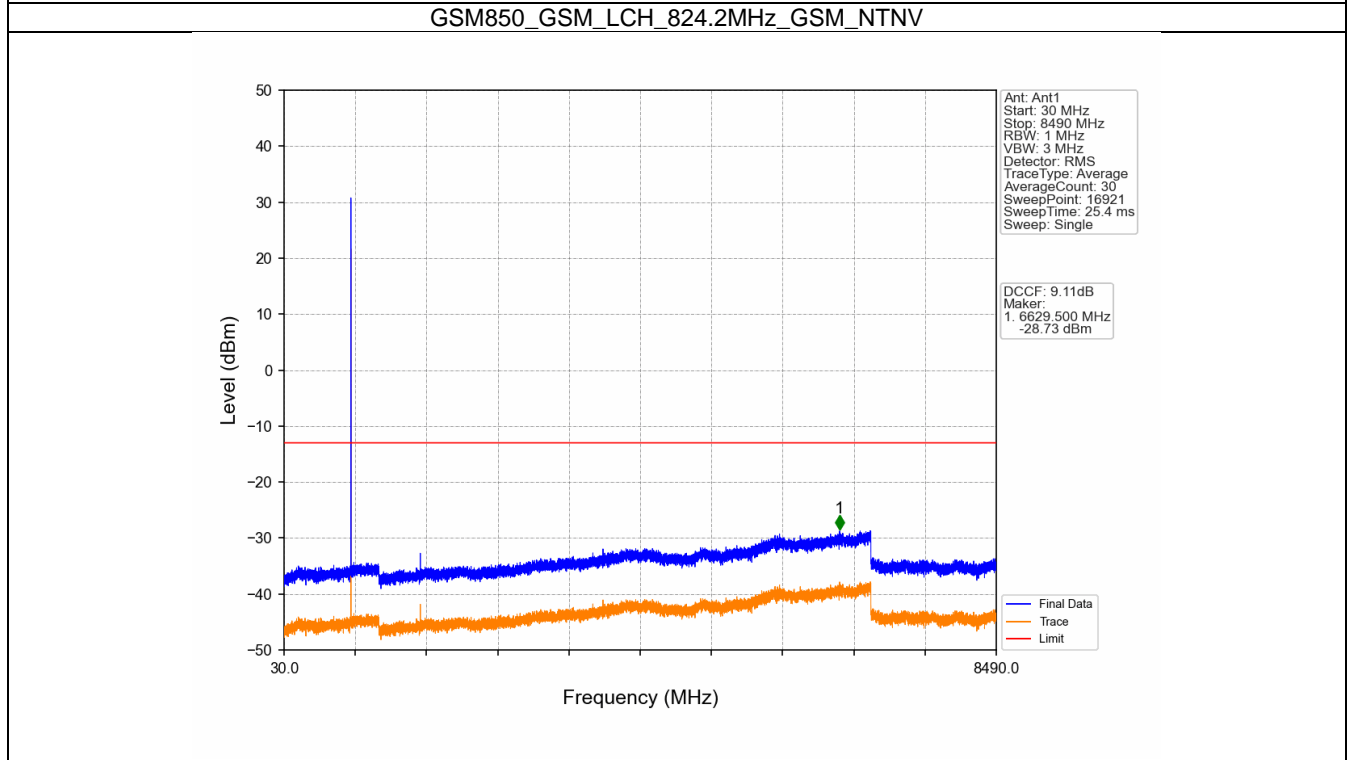
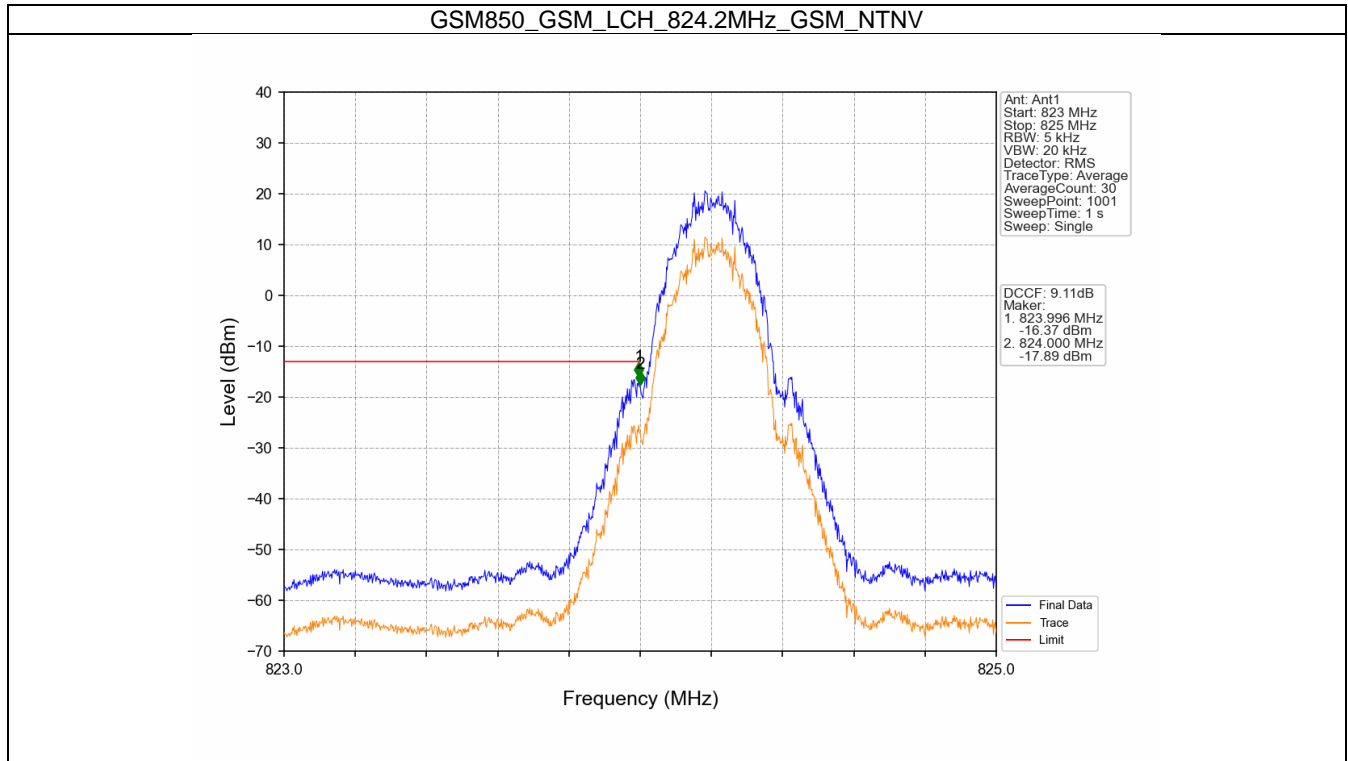
5. Spurious Emission & Band Edges

5.1 GSM850

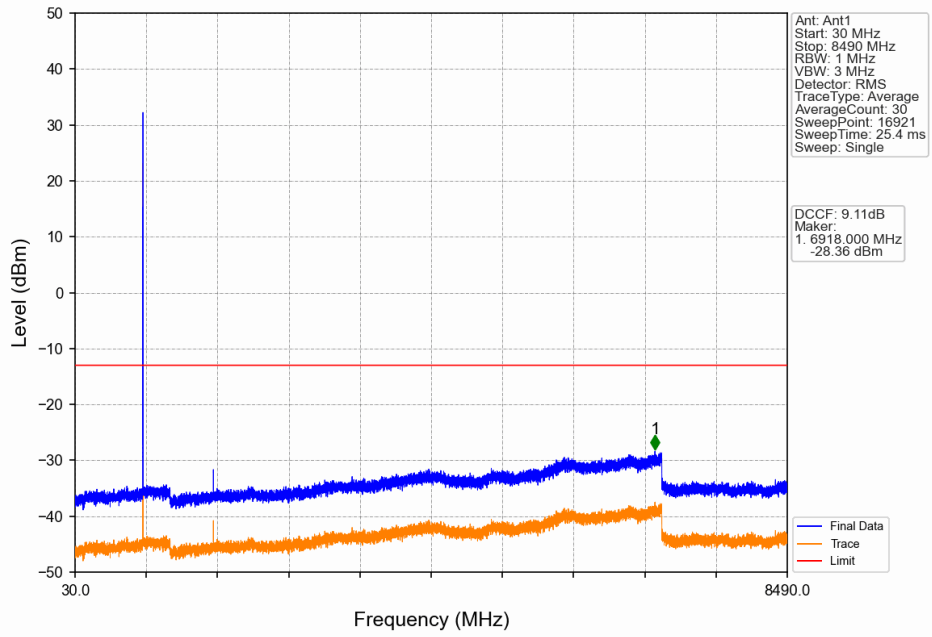
5.1.1 Test Result

| Band: GSM850 | | | | | | |
|--------------|---------|-----------|-----------------|---------------------|-------|---------|
| ENV | Mode | | Frequency (MHz) | Spurious Emission | | Verdict |
| | Network | Subset | | Result | Limit | |
| NTNV | GSM | GSM | 824.2 | Refer To Test Graph | | Pass |
| | | | 836.6 | Refer To Test Graph | | Pass |
| | | | 848.8 | Refer To Test Graph | | Pass |
| | GPRS | 1 TX Slot | 824.2 | Refer To Test Graph | | Pass |
| | | | 836.6 | Refer To Test Graph | | Pass |
| | | | 848.8 | Refer To Test Graph | | Pass |
| | EGPRS | 1 TX Slot | 824.2 | Refer To Test Graph | | Pass |
| | | | 836.6 | Refer To Test Graph | | Pass |
| | | | 848.8 | Refer To Test Graph | | Pass |

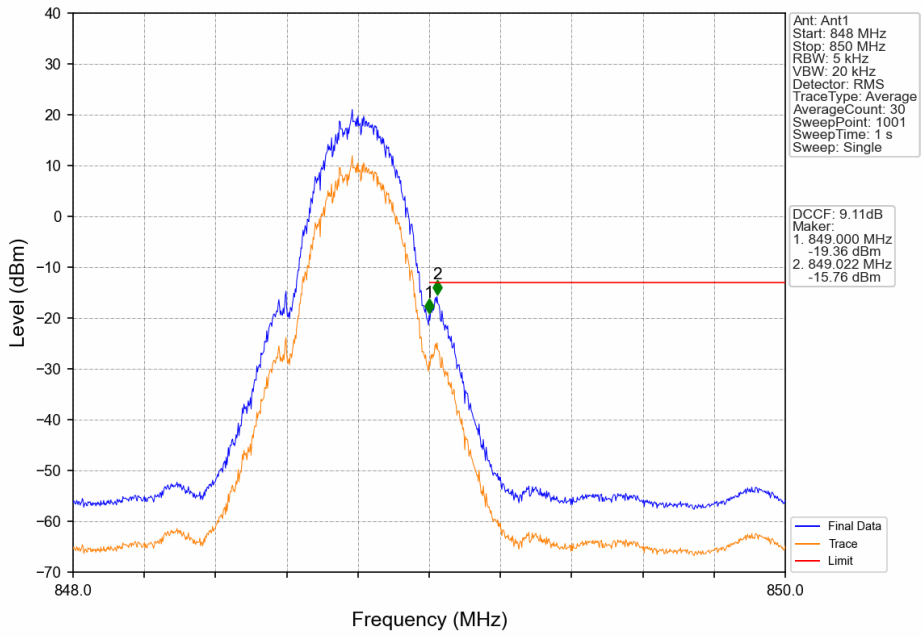
5.1.2 Test Graph



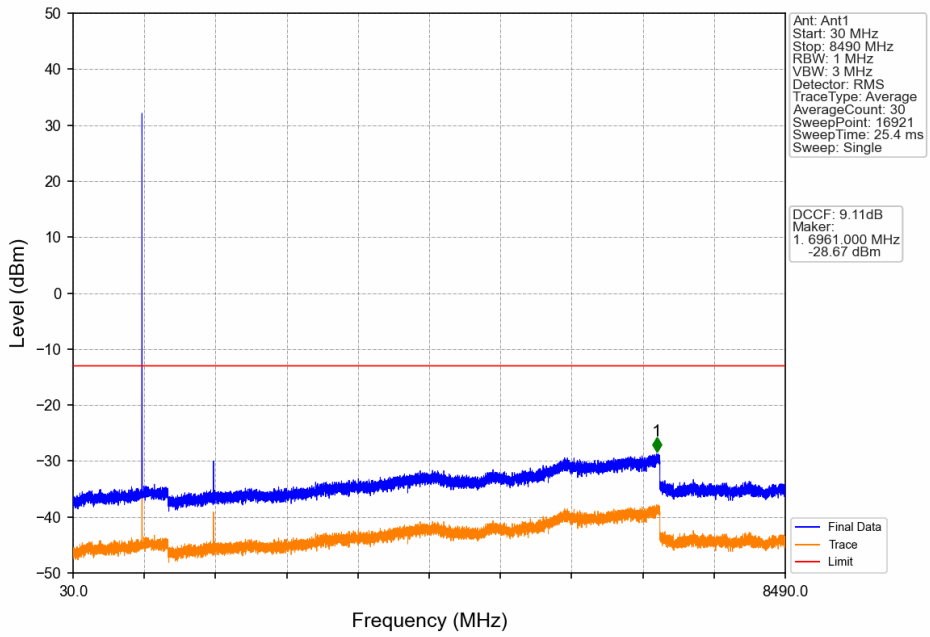
GSM850_GSM_MCH_836.6MHz_GSM_NTNV



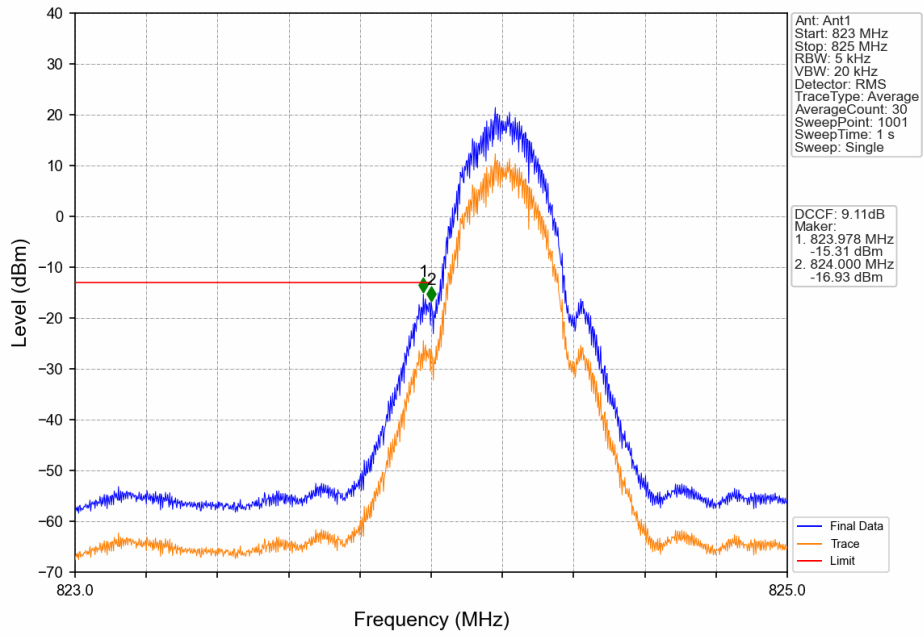
GSM850_GSM_HCH_848.8MHz_GSM_NTNV



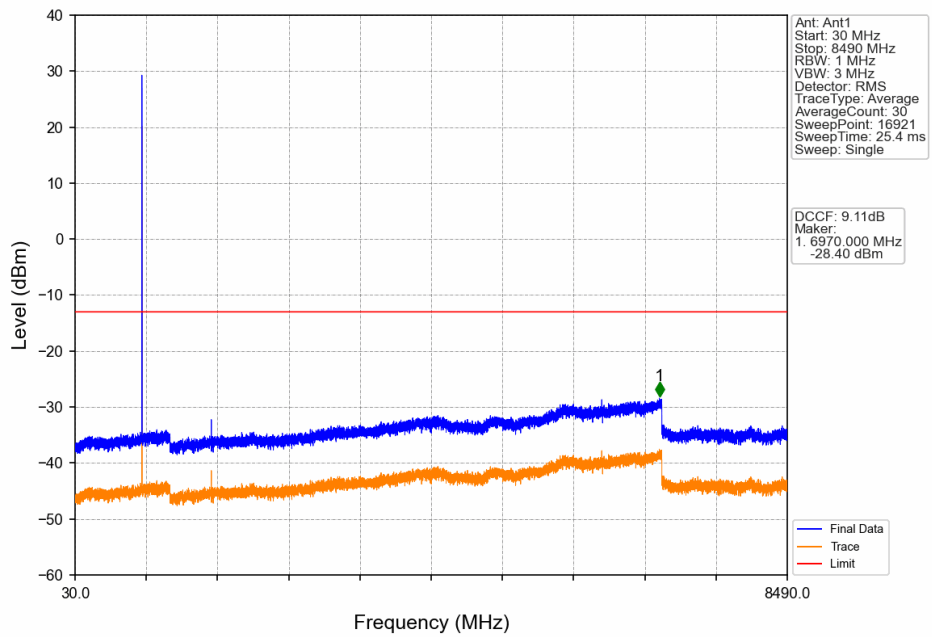
GSM850_GSM_HCH_848.8MHz_GSM_NTNV



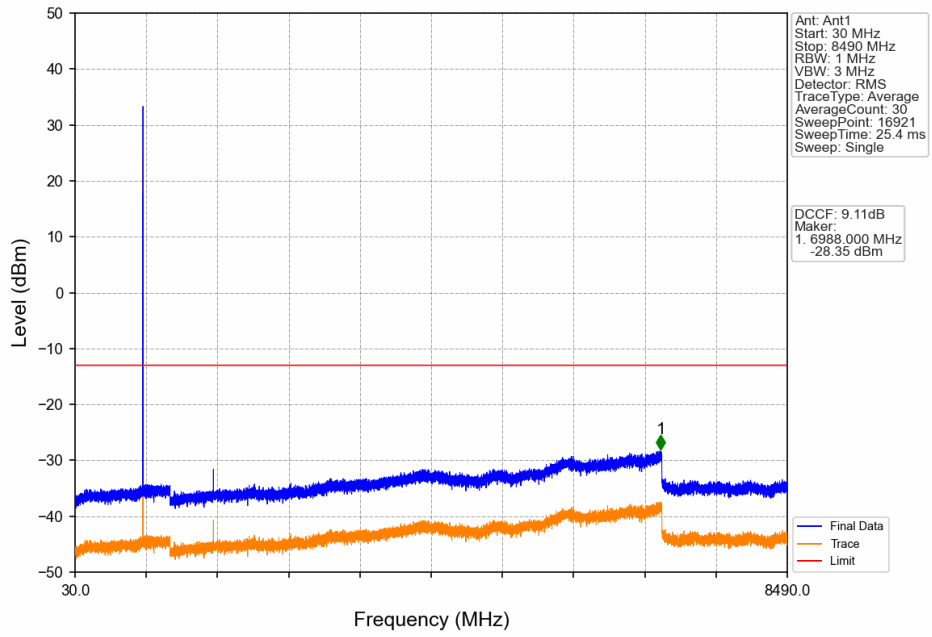
GSM850_GPRS_LCH_824.2MHz_1 TX Slot_NTNV



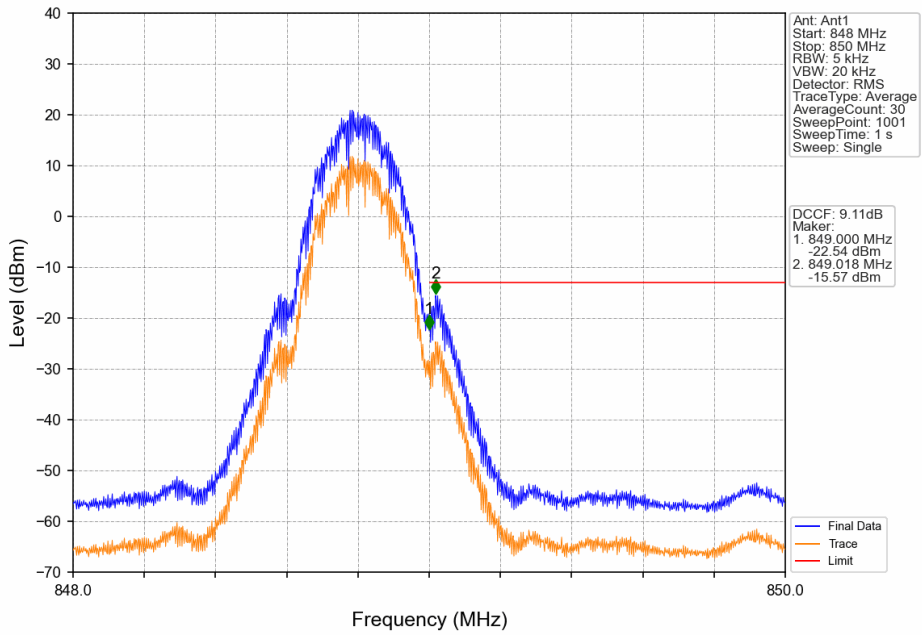
GSM850_GPRS_LCH_824.2MHz_1 TX Slot_NTNV



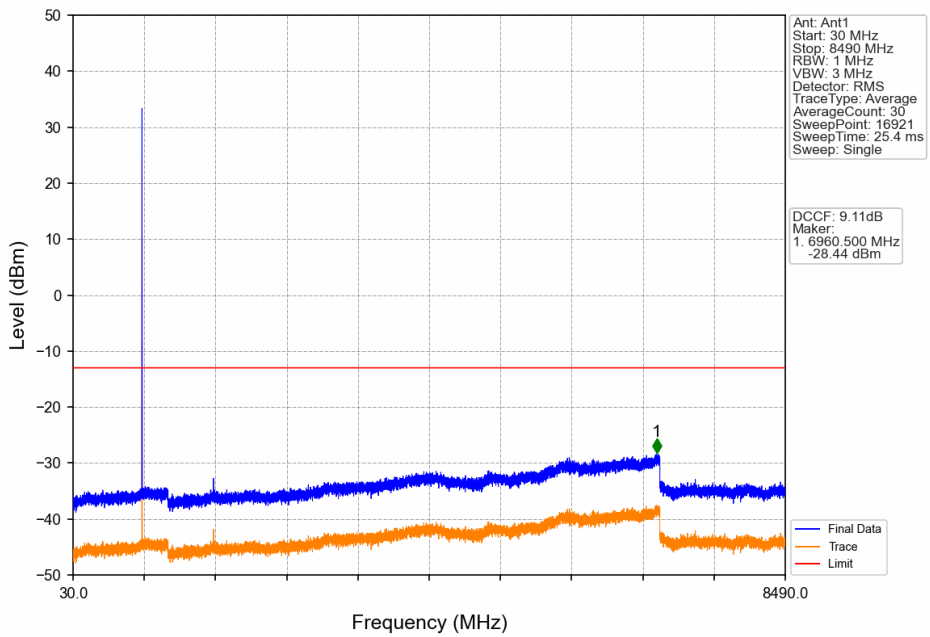
GSM850_GPRS_MCH_836.6MHz_1 TX Slot_NTNV



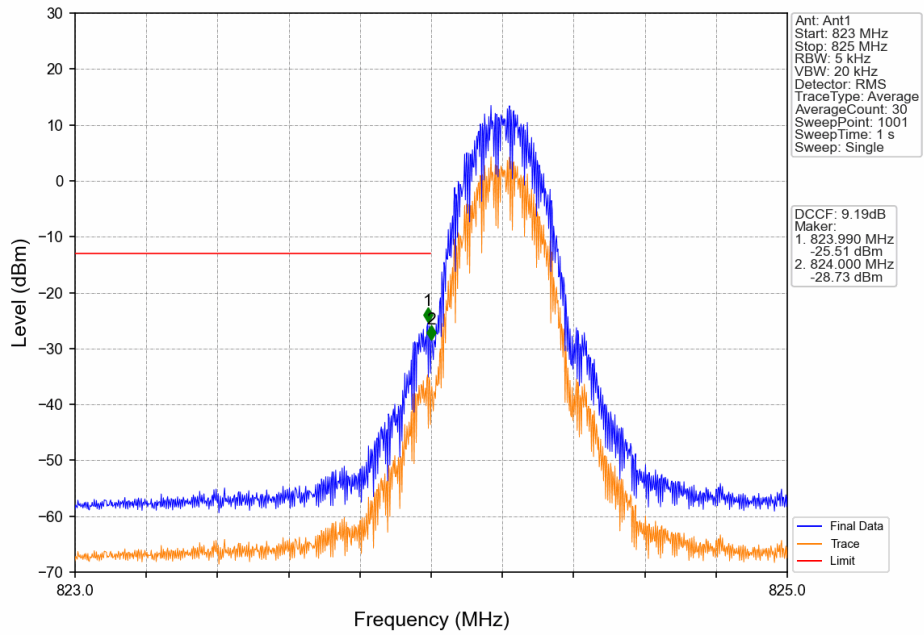
GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



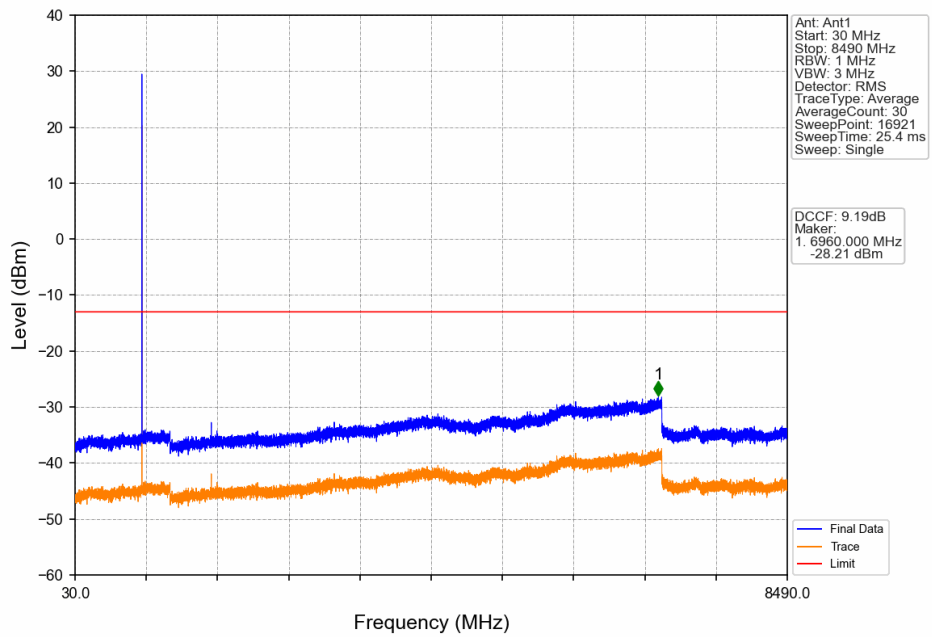
GSM850_GPRS_HCH_848.8MHz_1 TX Slot_NTNV



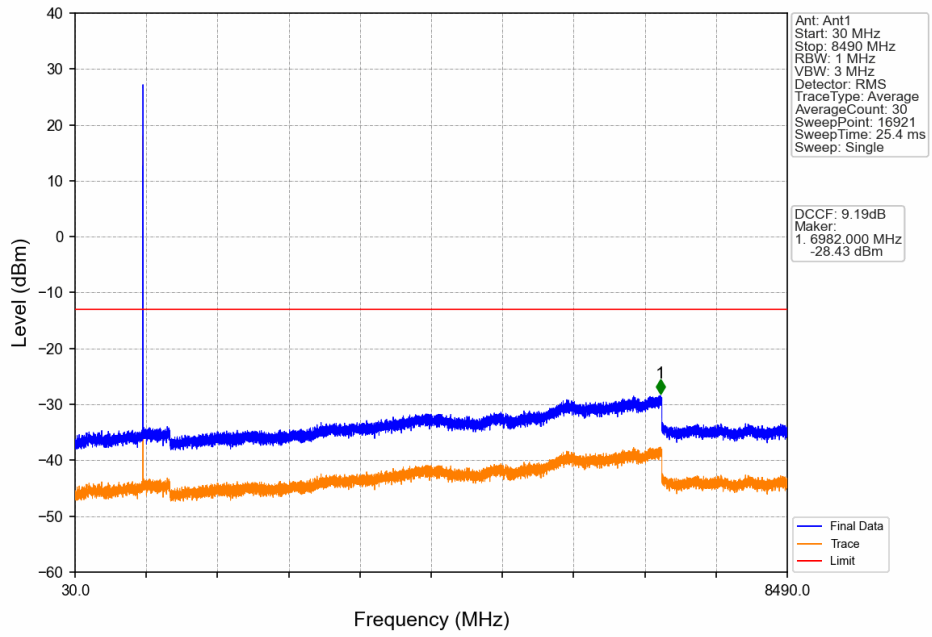
GSM850_EGPRS_LCH_824.2MHz_1 TX Slot_NTNV



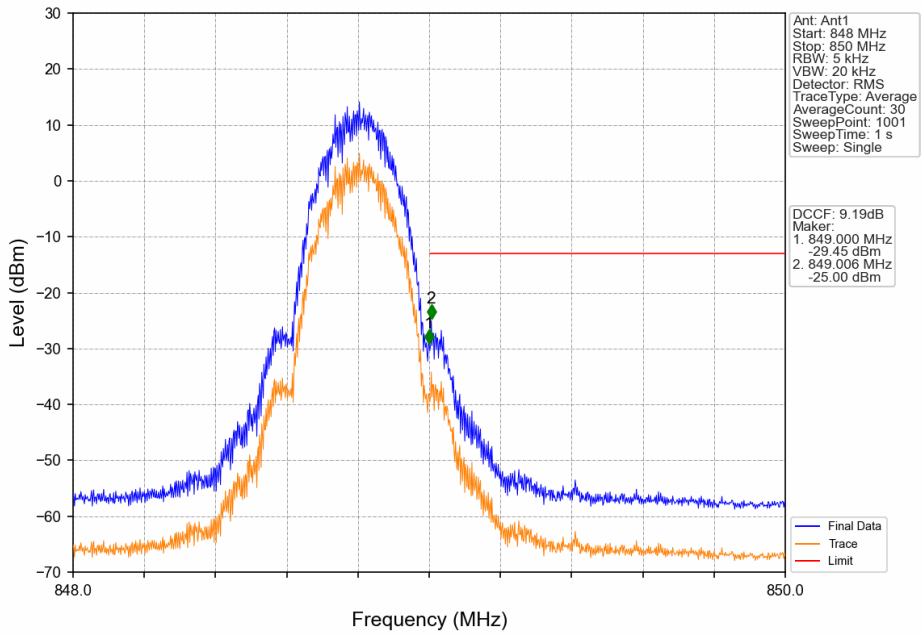
GSM850_EGPRS_LCH_824.2MHz_1 TX Slot_NTNV



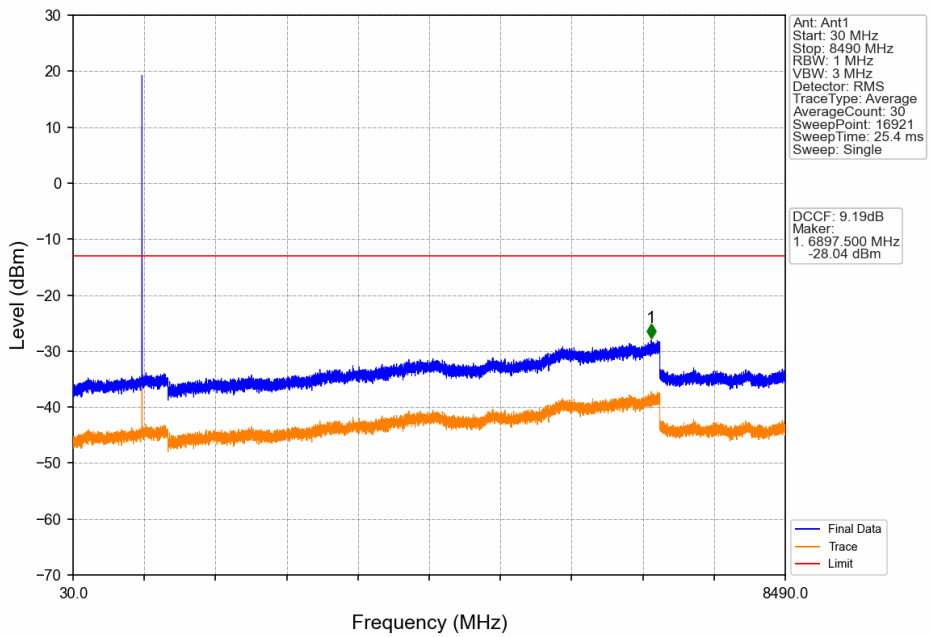
GSM850_EGPRS_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGPRS_HCH_848.8MHz_1 TX Slot_NTNV



GSM850_EGPRS_HCH_848.8MHz_1 TX Slot_NTNV



6. Field Strength of Spurious Radiation

| GSM850 ANT13-Low channel | | | | | | | | |
|--------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 1652.8 | -56.32 | -13 | -43.32 | -59.19 | 2.62 | 5.49 | Horizontal | Pass |
| 2479.2 | -46.68 | -13 | -33.68 | -49.38 | 3.07 | 5.77 | Horizontal | Pass |
| 3305.6 | -62.03 | -13 | -49.03 | -66.41 | 3.3 | 7.68 | Horizontal | Pass |
| 1652.8 | -52.52 | -13 | -39.52 | -55.39 | 2.62 | 5.49 | Vertical | Pass |
| 2479.2 | -45.36 | -13 | -32.36 | -48.06 | 3.07 | 5.77 | Vertical | Pass |
| 3305.6 | -64.67 | -13 | -51.67 | -69.05 | 3.3 | 7.68 | Vertical | Pass |

| GSM850 ANT13-Middle channel | | | | | | | | |
|-----------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 1672.8 | -56.19 | -13 | -43.19 | -59.0 | 2.63 | 5.44 | Horizontal | Pass |
| 2509.2 | -44.98 | -13 | -31.98 | -47.74 | 3.08 | 5.84 | Horizontal | Pass |
| 3345.6 | -59.44 | -13 | -46.44 | -63.9 | 3.32 | 7.78 | Horizontal | Pass |
| 1672.8 | -52.1 | -13 | -39.1 | -54.91 | 2.63 | 5.44 | Vertical | Pass |
| 2509.2 | -43.83 | -13 | -30.83 | -46.59 | 3.08 | 5.84 | Vertical | Pass |
| 3345.6 | -61.94 | -13 | -48.94 | -66.4 | 3.32 | 7.78 | Vertical | Pass |

| GSM850 ANT13-High channel | | | | | | | | |
|---------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 1697.6 | -57.72 | -13 | -44.72 | -60.46 | 2.64 | 5.38 | Horizontal | Pass |
| 2546.4 | -46.85 | -13 | -33.85 | -49.68 | 3.09 | 5.92 | Horizontal | Pass |
| 3395.2 | -60.49 | -13 | -47.49 | -65.05 | 3.35 | 7.91 | Horizontal | Pass |
| 1697.6 | -56.09 | -13 | -43.09 | -58.83 | 2.64 | 5.38 | Vertical | Pass |
| 2546.4 | -46.88 | -13 | -33.88 | -49.71 | 3.09 | 5.92 | Vertical | Pass |
| 3395.2 | -64.09 | -13 | -51.09 | -68.65 | 3.35 | 7.91 | Vertical | Pass |

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---