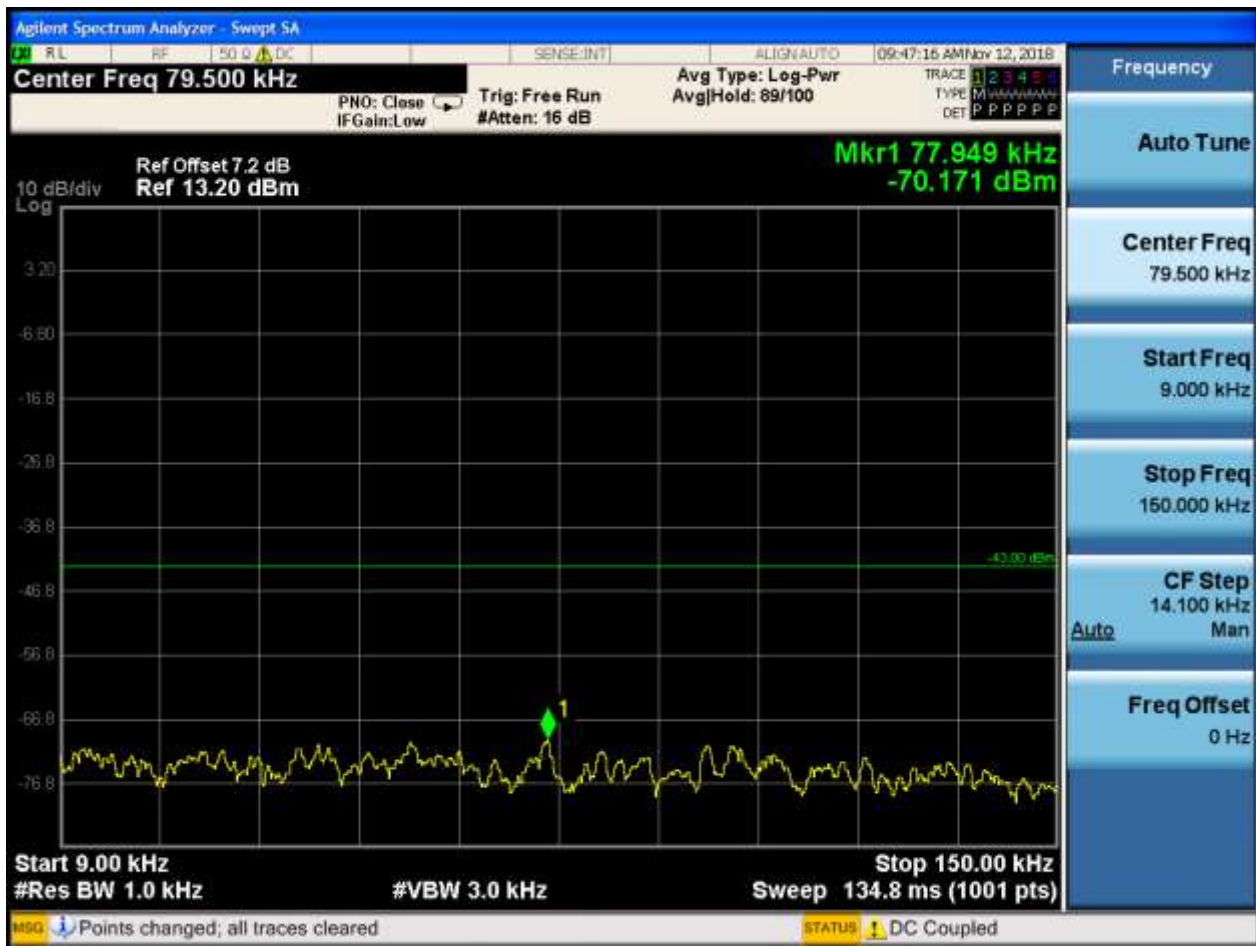




#### 6.1.1.2.4 Test Bandwidth = 10

##### 6.1.1.2.4.1 Test Channel = LCH

##### 6.1.1.2.4.1.1 Test RB = RB1#0







#### 6.1.1.2.4.2 Test Channel = MCH

##### 6.1.1.2.4.2.1 Test RB = RB1#0









#### 6.1.1.2.4.3 Test Channel = HCH

##### 6.1.1.2.4.3.1 Test RB = RB1#0









#### 6.1.1.2.5 Test Bandwidth = 15

##### 6.1.1.2.5.1 Test Channel = LCH

##### 6.1.1.2.5.1.1 Test RB = RB1#0







### 6.1.1.2.5.2 Test Channel = MCH

#### 6.1.1.2.5.2.1 Test RB = RB1#0









### 6.1.1.2.5.3 Test Channel = HCH

#### 6.1.1.2.5.3.1 Test RB = RB1#0



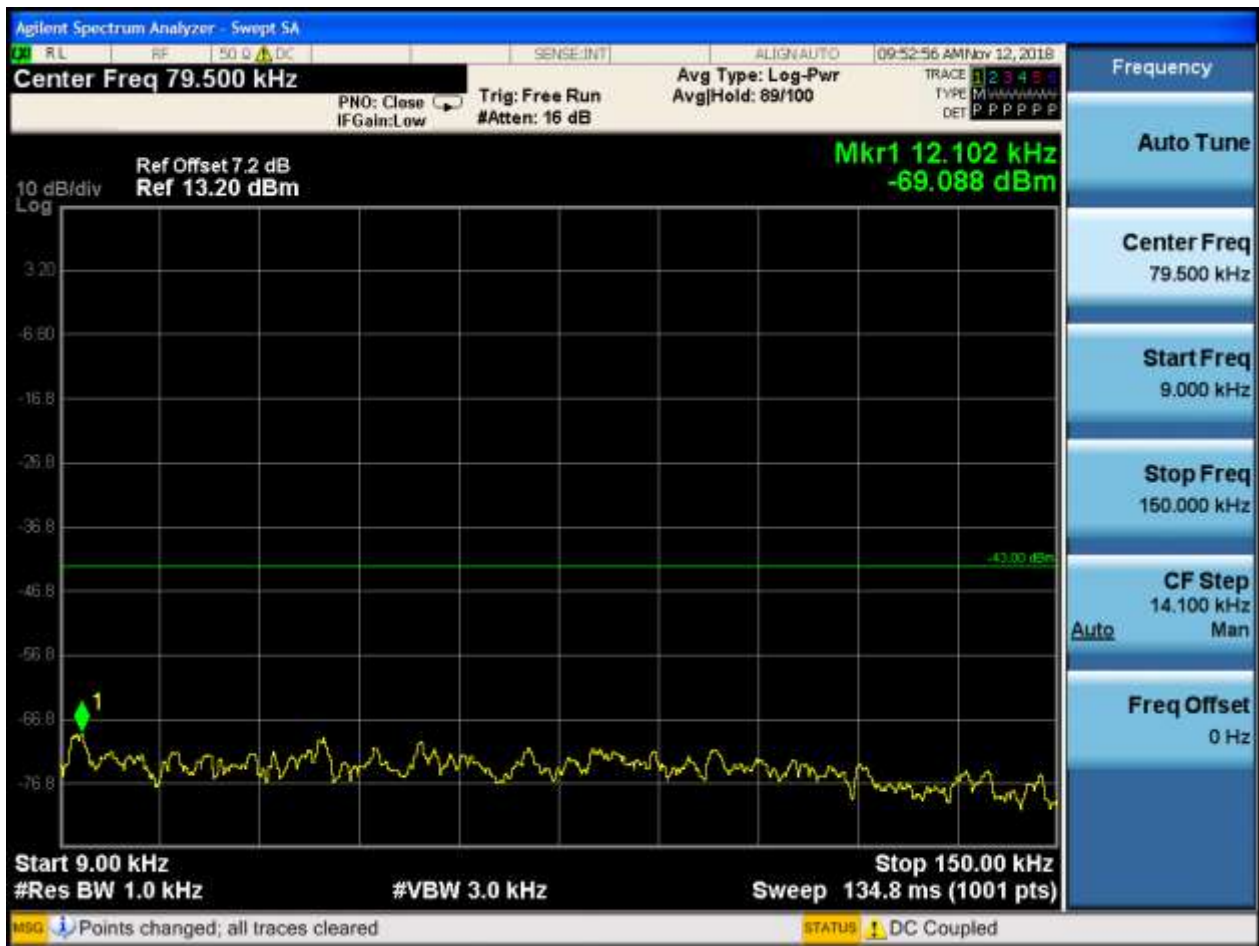




#### 6.1.1.2.6 Test Bandwidth = 20

##### 6.1.1.2.6.1 Test Channel = LCH

##### 6.1.1.2.6.1.1 Test RB = RB1#0









### 6.1.1.2.6.2 Test Channel = MCH

#### 6.1.1.2.6.2.1 Test RB = RB1#0







### 6.1.1.2.6.3 Test Channel = HCH

#### 6.1.1.2.6.3.1 Test RB = RB1#0









## 7Appendix\_G Frequency Stability

### 7.1 For LTE

#### 7.1.1Frequency Error vs. Voltage:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND2     | LTE/TM1   | 1.4                  | LCH          | TN         | VL         | -2.13            | -0.00115              | PASS    |
|           |           |                      |              |            | VN         | -4.31            | -0.00233              | PASS    |
|           |           |                      |              |            | VH         | 1.30             | 0.0007                | PASS    |
|           |           |                      | MCH          | TN         | VL         | -4.85            | -0.00258              | PASS    |
|           |           |                      |              |            | VN         | -4.58            | -0.00244              | PASS    |
|           |           |                      |              |            | VH         | -2.03            | -0.00108              | PASS    |
|           |           |                      | HCH          | TN         | VL         | -1.44            | -0.00075              | PASS    |
|           |           |                      |              |            | VN         | 0.97             | 0.00051               | PASS    |
|           |           |                      |              |            | VH         | 0.80             | 0.00042               | PASS    |
|           |           | 3                    | LCH          | TN         | VL         | -2.33            | -0.00126              | PASS    |
|           |           |                      |              |            | VN         | -1.29            | -0.0007               | PASS    |
|           |           |                      |              |            | VH         | -1.70            | -0.00092              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -3.13            | -0.00166              | PASS    |
|           |           |                      |              |            | VN         | -4.19            | -0.00223              | PASS    |
|           |           |                      |              |            | VH         | -4.76            | -0.00253              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | VN         | -1.06            | -0.00056              | PASS    |
|           |           |                      |              |            | VH         | 1.54             | 0.00081               | PASS    |
|           |           | 5                    | LCH          | TN         | VL         | -0.67            | -0.00036              | PASS    |
|           |           |                      |              |            | VN         | -2.15            | -0.00116              | PASS    |
|           |           |                      |              |            | VH         | -1.02            | -0.00055              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -2.40            | -0.00128              | PASS    |
|           |           |                      |              |            | VN         | -3.45            | -0.00184              | PASS    |
|           |           |                      |              |            | VH         | -3.05            | -0.00162              | PASS    |
|           |           |                      | HCH          | TN         | VL         | 0.84             | 0.00044               | PASS    |
|           |           |                      |              |            | VN         | 0.01             | 0.00001               | PASS    |
|           |           |                      |              |            | VH         | -0.03            | -0.00002              | PASS    |
|           |           | 10                   | LCH          | TN         | VL         | -4.02            | -0.00217              | PASS    |
|           |           |                      |              |            | VN         | -3.36            | -0.00181              | PASS    |
|           |           |                      |              |            | VH         | -2.63            | -0.00142              | PASS    |
|           |           |                      | MCH          | TN         | VL         | -2.60            | -0.00138              | PASS    |
|           |           |                      |              |            | VN         | -4.16            | -0.00221              | PASS    |

|  |         |     |     |     |    |    |       |          |      |
|--|---------|-----|-----|-----|----|----|-------|----------|------|
|  |         |     |     | HCH | TN | VH | -4.53 | -0.00241 | PASS |
|  |         |     |     |     |    | VL | 1.66  | 0.00087  | PASS |
|  |         |     |     |     |    | VN | 0.49  | 0.00026  | PASS |
|  |         |     |     |     |    | VH | 0.66  | 0.00035  | PASS |
|  |         | 15  | LCH | TN  |    | VL | -2.43 | -0.00131 | PASS |
|  |         |     |     |     |    | VN | -7.17 | -0.00386 | PASS |
|  |         |     |     |     |    | VH | -3.43 | -0.00185 | PASS |
|  |         |     | MCH | TN  |    | VL | -3.13 | -0.00166 | PASS |
|  |         |     |     |     |    | VN | -3.71 | -0.00197 | PASS |
|  |         |     |     |     |    | VH | -2.68 | -0.00143 | PASS |
|  |         |     | HCH | TN  |    | VL | -3.42 | -0.0018  | PASS |
|  |         |     |     |     |    | VN | -2.36 | -0.00124 | PASS |
|  |         |     |     |     |    | VH | -3.08 | -0.00162 | PASS |
|  |         | 20  | LCH | TN  |    | VL | 0.23  | 0.00012  | PASS |
|  |         |     |     |     |    | VN | -3.88 | -0.00209 | PASS |
|  |         |     |     |     |    | VH | -2.93 | -0.00158 | PASS |
|  |         |     | MCH | TN  |    | VL | -3.12 | -0.00166 | PASS |
|  |         |     |     |     |    | VN | -2.92 | -0.00155 | PASS |
|  |         |     |     |     |    | VH | -2.92 | -0.00155 | PASS |
|  |         |     | HCH | TN  |    | VL | -3.65 | -0.00192 | PASS |
|  |         |     |     |     |    | VN | -4.76 | -0.00251 | PASS |
|  |         |     |     |     |    | VH | -4.41 | -0.00232 | PASS |
|  | LTE/TM2 | 1.4 | LCH | TN  |    | VL | -1.32 | -0.00071 | PASS |
|  |         |     |     |     |    | VN | -0.72 | -0.00039 | PASS |
|  |         |     |     |     |    | VH | -1.03 | -0.00056 | PASS |
|  |         |     | MCH | TN  |    | VL | -0.77 | -0.00041 | PASS |
|  |         |     |     |     |    | VN | -4.02 | -0.00214 | PASS |
|  |         |     |     |     |    | VH | -2.65 | -0.00141 | PASS |
|  |         |     | HCH | TN  |    | VL | 0.96  | 0.0005   | PASS |
|  |         |     |     |     |    | VN | 0.64  | 0.00034  | PASS |
|  |         |     |     |     |    | VH | -0.29 | -0.00015 | PASS |
|  |         | 3   | LCH | TN  |    | VL | -3.50 | -0.00189 | PASS |
|  |         |     |     |     |    | VN | -1.77 | -0.00096 | PASS |
|  |         |     |     |     |    | VH | -2.20 | -0.00119 | PASS |
|  |         |     | MCH | TN  |    | VL | -4.28 | -0.00228 | PASS |
|  |         |     |     |     |    | VN | -4.76 | -0.00253 | PASS |
|  |         |     |     |     |    | VH | -4.94 | -0.00263 | PASS |
|  |         |     | HCH | TN  |    | VL | -0.49 | -0.00026 | PASS |
|  |         |     |     |     |    | VN | 0.00  | 0        | PASS |
|  |         |     |     |     |    | VH | -0.46 | -0.00024 | PASS |
|  |         | 5   | LCH | TN  |    | VL | -1.56 | -0.00084 | PASS |
|  |         |     |     |     |    | VN | -1.56 | -0.00084 | PASS |

|  |  |    |     |    |    |       |          |      |
|--|--|----|-----|----|----|-------|----------|------|
|  |  |    | MCH | TN | VH | -0.86 | -0.00046 | PASS |
|  |  |    |     |    | VL | -1.97 | -0.00105 | PASS |
|  |  |    |     |    | VN | -5.09 | -0.00271 | PASS |
|  |  |    |     |    | VH | -4.48 | -0.00238 | PASS |
|  |  |    | HCH | TN | VL | -0.17 | -0.00009 | PASS |
|  |  |    |     |    | VN | 0.64  | 0.00034  | PASS |
|  |  |    |     |    | VH | 0.56  | 0.00029  | PASS |
|  |  | 10 | LCH | TN | VL | -2.43 | -0.00131 | PASS |
|  |  |    |     |    | VN | -2.20 | -0.00119 | PASS |
|  |  |    |     |    | VH | -2.66 | -0.00143 | PASS |
|  |  |    | MCH | TN | VL | -3.46 | -0.00184 | PASS |
|  |  |    |     |    | VN | -2.45 | -0.0013  | PASS |
|  |  |    |     |    | VH | -3.55 | -0.00189 | PASS |
|  |  |    | HCH | TN | VL | 1.47  | 0.00077  | PASS |
|  |  |    |     |    | VN | 1.40  | 0.00073  | PASS |
|  |  |    |     |    | VH | 0.72  | 0.00038  | PASS |
|  |  | 15 | LCH | TN | VL | -2.93 | -0.00158 | PASS |
|  |  |    |     |    | VN | -3.22 | -0.00173 | PASS |
|  |  |    |     |    | VH | -4.78 | -0.00257 | PASS |
|  |  |    | MCH | TN | VL | -4.03 | -0.00214 | PASS |
|  |  |    |     |    | VN | -3.30 | -0.00176 | PASS |
|  |  |    |     |    | VH | -2.53 | -0.00135 | PASS |
|  |  |    | HCH | TN | VL | -6.19 | -0.00325 | PASS |
|  |  |    |     |    | VN | -4.89 | -0.00257 | PASS |
|  |  |    |     |    | VH | -4.78 | -0.00251 | PASS |
|  |  | 20 | LCH | TN | VL | 1.72  | 0.00092  | PASS |
|  |  |    |     |    | VN | 0.50  | 0.00027  | PASS |
|  |  |    |     |    | VH | -0.03 | -0.00002 | PASS |
|  |  |    | MCH | TN | VL | -3.72 | -0.00198 | PASS |
|  |  |    |     |    | VN | -4.19 | -0.00223 | PASS |
|  |  |    |     |    | VH | -3.86 | -0.00205 | PASS |
|  |  |    | HCH | TN | VL | -2.29 | -0.00121 | PASS |
|  |  |    |     |    | VN | -4.43 | -0.00233 | PASS |
|  |  |    |     |    | VH | -2.56 | -0.00135 | PASS |

### 7.1.2 Frequency Error vs. Temperature:

| Test Band | Test Mode | Test Bandwidth (MHz) | Test Channel | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|----------------------|--------------|------------|------------|------------------|-----------------------|---------|
| BAND2     | LTE/TM1   | 1.4                  | LCH          | VN         | -30        | -3.29            | -0.00178              | PASS    |
|           |           |                      |              |            | -20        | -2.78            | -0.0015               | PASS    |

|  |  |   |     |    |     |       |          |      |
|--|--|---|-----|----|-----|-------|----------|------|
|  |  |   |     |    | -10 | -3.03 | -0.00164 | PASS |
|  |  |   |     |    | 0   | -1.53 | -0.00083 | PASS |
|  |  |   |     |    | 10  | -0.90 | -0.00049 | PASS |
|  |  |   |     |    | 20  | -1.95 | -0.00105 | PASS |
|  |  |   |     |    | 30  | -3.10 | -0.00168 | PASS |
|  |  |   |     |    | 40  | -5.89 | -0.00318 | PASS |
|  |  |   |     |    | 50  | -1.82 | -0.00098 | PASS |
|  |  |   | MCH | VN | -30 | -3.98 | -0.00212 | PASS |
|  |  |   |     |    | -20 | -5.05 | -0.00269 | PASS |
|  |  |   |     |    | -10 | -5.06 | -0.00269 | PASS |
|  |  |   |     |    | 0   | -5.66 | -0.00301 | PASS |
|  |  |   |     |    | 10  | -4.19 | -0.00223 | PASS |
|  |  |   |     |    | 20  | -3.42 | -0.00182 | PASS |
|  |  |   |     |    | 30  | -4.65 | -0.00247 | PASS |
|  |  |   |     |    | 40  | -4.82 | -0.00256 | PASS |
|  |  |   |     |    | 50  | -3.55 | -0.00189 | PASS |
|  |  |   | HCH | VN | -30 | 1.57  | 0.00082  | PASS |
|  |  |   |     |    | -20 | 0.01  | 0.00001  | PASS |
|  |  |   |     |    | -10 | -1.40 | -0.00073 | PASS |
|  |  |   |     |    | 0   | 0.96  | 0.0005   | PASS |
|  |  |   |     |    | 10  | 1.89  | 0.00099  | PASS |
|  |  |   |     |    | 20  | -0.30 | -0.00016 | PASS |
|  |  |   |     |    | 30  | 0.17  | 0.00009  | PASS |
|  |  |   |     |    | 40  | 1.93  | 0.00101  | PASS |
|  |  |   |     |    | 50  | -0.07 | -0.00004 | PASS |
|  |  | 3 | LCH | VN | -30 | -3.20 | -0.00173 | PASS |
|  |  |   |     |    | -20 | -4.12 | -0.00223 | PASS |
|  |  |   |     |    | -10 | -4.45 | -0.0024  | PASS |
|  |  |   |     |    | 0   | -1.66 | -0.0009  | PASS |
|  |  |   |     |    | 10  | -1.44 | -0.00078 | PASS |
|  |  |   |     |    | 20  | -2.75 | -0.00149 | PASS |
|  |  |   |     |    | 30  | -2.68 | -0.00145 | PASS |
|  |  |   |     |    | 40  | -2.30 | -0.00124 | PASS |
|  |  |   |     |    | 50  | -3.00 | -0.00162 | PASS |
|  |  |   | MCH | VN | -30 | -4.36 | -0.00232 | PASS |
|  |  |   |     |    | -20 | -4.45 | -0.00237 | PASS |
|  |  |   |     |    | -10 | -5.32 | -0.00283 | PASS |
|  |  |   |     |    | 0   | -4.03 | -0.00214 | PASS |
|  |  |   |     |    | 10  | -3.71 | -0.00197 | PASS |
|  |  |   |     |    | 20  | -1.97 | -0.00105 | PASS |
|  |  |   |     |    | 30  | -3.19 | -0.0017  | PASS |
|  |  |   |     |    | 40  | -3.09 | -0.00164 | PASS |



|  |  |    |     |    |     |       |          |      |
|--|--|----|-----|----|-----|-------|----------|------|
|  |  |    | HCH | VN | 50  | -4.05 | -0.00215 | PASS |
|  |  |    |     |    | -30 | 0.77  | 0.0004   | PASS |
|  |  |    |     |    | -20 | 1.50  | 0.00079  | PASS |
|  |  |    |     |    | -10 | 1.39  | 0.00073  | PASS |
|  |  |    |     |    | 0   | 2.05  | 0.00107  | PASS |
|  |  |    |     |    | 10  | 0.60  | 0.00031  | PASS |
|  |  |    |     |    | 20  | -0.41 | -0.00021 | PASS |
|  |  |    |     |    | 30  | 0.41  | 0.00021  | PASS |
|  |  |    |     |    | 40  | 1.22  | 0.00064  | PASS |
|  |  |    |     |    | 50  | 0.83  | 0.00043  | PASS |
|  |  | 5  | LCH | VN | -30 | -2.68 | -0.00145 | PASS |
|  |  |    |     |    | -20 | -2.75 | -0.00148 | PASS |
|  |  |    |     |    | -10 | -1.10 | -0.00059 | PASS |
|  |  |    |     |    | 0   | -1.77 | -0.00096 | PASS |
|  |  |    |     |    | 10  | -2.13 | -0.00115 | PASS |
|  |  |    |     |    | 20  | -1.39 | -0.00075 | PASS |
|  |  |    |     |    | 30  | -2.78 | -0.0015  | PASS |
|  |  |    |     |    | 40  | -3.62 | -0.00195 | PASS |
|  |  |    |     |    | 50  | -1.26 | -0.00068 | PASS |
|  |  |    | MCH | VN | -30 | -2.00 | -0.00106 | PASS |
|  |  |    |     |    | -20 | -3.58 | -0.0019  | PASS |
|  |  |    |     |    | -10 | -3.65 | -0.00194 | PASS |
|  |  |    |     |    | 0   | -3.20 | -0.0017  | PASS |
|  |  |    |     |    | 10  | -3.39 | -0.0018  | PASS |
|  |  |    |     |    | 20  | -2.89 | -0.00154 | PASS |
|  |  |    |     |    | 30  | -2.98 | -0.00159 | PASS |
|  |  |    |     |    | 40  | -3.00 | -0.0016  | PASS |
|  |  |    |     |    | 50  | -4.82 | -0.00256 | PASS |
|  |  |    | HCH | VN | -30 | -1.73 | -0.00091 | PASS |
|  |  |    |     |    | -20 | 0.93  | 0.00049  | PASS |
|  |  |    |     |    | -10 | -0.37 | -0.00019 | PASS |
|  |  |    |     |    | 0   | -0.59 | -0.00031 | PASS |
|  |  |    |     |    | 10  | -0.72 | -0.00038 | PASS |
|  |  |    |     |    | 20  | 1.27  | 0.00067  | PASS |
|  |  |    |     |    | 30  | 0.17  | 0.00009  | PASS |
|  |  |    |     |    | 40  | -1.07 | -0.00056 | PASS |
|  |  |    |     |    | 50  | -0.53 | -0.00028 | PASS |
|  |  | 10 | LCH | VN | -30 | -3.03 | -0.00163 | PASS |
|  |  |    |     |    | -20 | -2.65 | -0.00143 | PASS |
|  |  |    |     |    | -10 | -2.99 | -0.00161 | PASS |
|  |  |    |     |    | 0   | -2.50 | -0.00135 | PASS |
|  |  |    |     |    | 10  | -1.62 | -0.00087 | PASS |

|    |  |  |     |    |     |       |          |      |
|----|--|--|-----|----|-----|-------|----------|------|
|    |  |  |     |    | 20  | -1.77 | -0.00095 | PASS |
|    |  |  |     |    | 30  | -2.36 | -0.00127 | PASS |
|    |  |  |     |    | 40  | -0.97 | -0.00052 | PASS |
|    |  |  |     |    | 50  | -2.99 | -0.00161 | PASS |
|    |  |  | MCH | VN | -30 | -3.96 | -0.00211 | PASS |
|    |  |  |     |    | -20 | -3.39 | -0.0018  | PASS |
|    |  |  |     |    | -10 | -3.35 | -0.00178 | PASS |
|    |  |  |     |    | 0   | -3.75 | -0.00199 | PASS |
|    |  |  |     |    | 10  | -4.46 | -0.00237 | PASS |
|    |  |  |     |    | 20  | -4.18 | -0.00222 | PASS |
|    |  |  |     |    | 30  | -3.35 | -0.00178 | PASS |
|    |  |  |     |    | 40  | -3.33 | -0.00177 | PASS |
|    |  |  |     |    | 50  | -2.96 | -0.00157 | PASS |
|    |  |  | HCH | VN | -30 | 0.64  | 0.00034  | PASS |
|    |  |  |     |    | -20 | 0.06  | 0.00003  | PASS |
|    |  |  |     |    | -10 | 0.14  | 0.00007  | PASS |
|    |  |  |     |    | 0   | 0.97  | 0.00051  | PASS |
|    |  |  |     |    | 10  | 0.63  | 0.00033  | PASS |
|    |  |  |     |    | 20  | 1.56  | 0.00082  | PASS |
|    |  |  |     |    | 30  | 0.63  | 0.00033  | PASS |
|    |  |  |     |    | 40  | 1.47  | 0.00077  | PASS |
|    |  |  |     |    | 50  | 0.57  | 0.0003   | PASS |
| 15 |  |  | LCH | VN | -30 | -3.78 | -0.00203 | PASS |
|    |  |  |     |    | -20 | -3.26 | -0.00176 | PASS |
|    |  |  |     |    | -10 | -2.60 | -0.0014  | PASS |
|    |  |  |     |    | 0   | -3.15 | -0.0017  | PASS |
|    |  |  |     |    | 10  | -4.22 | -0.00227 | PASS |
|    |  |  |     |    | 20  | -2.70 | -0.00145 | PASS |
|    |  |  |     |    | 30  | 3.38  | 0.00182  | PASS |
|    |  |  |     |    | 40  | 33.99 | 0.0183   | PASS |
|    |  |  |     |    | 50  | 45.28 | 0.02438  | PASS |
|    |  |  | MCH | VN | -30 | -3.69 | -0.00196 | PASS |
|    |  |  |     |    | -20 | -4.56 | -0.00243 | PASS |
|    |  |  |     |    | -10 | -4.81 | -0.00256 | PASS |
|    |  |  |     |    | 0   | -3.82 | -0.00203 | PASS |
|    |  |  |     |    | 10  | -2.89 | -0.00154 | PASS |
|    |  |  |     |    | 20  | -3.62 | -0.00193 | PASS |
|    |  |  |     |    | 30  | -2.40 | -0.00128 | PASS |
|    |  |  |     |    | 40  | -2.53 | -0.00135 | PASS |
|    |  |  |     |    | 50  | -4.19 | -0.00223 | PASS |
|    |  |  | HCH | VN | -30 | -2.66 | -0.0014  | PASS |
|    |  |  |     |    | -20 | -2.86 | -0.0015  | PASS |

|  |         |     |     |    |     |       |          |      |
|--|---------|-----|-----|----|-----|-------|----------|------|
|  |         |     |     |    | -10 | -2.52 | -0.00132 | PASS |
|  |         |     |     |    | 0   | -4.15 | -0.00218 | PASS |
|  |         |     |     |    | 10  | -3.22 | -0.00169 | PASS |
|  |         |     |     |    | 20  | -1.12 | -0.00059 | PASS |
|  |         |     |     |    | 30  | -2.93 | -0.00154 | PASS |
|  |         |     |     |    | 40  | -1.00 | -0.00053 | PASS |
|  |         |     |     |    | 50  | -2.26 | -0.00119 | PASS |
|  |         | 20  | LCH | VN | -30 | -4.01 | -0.00216 | PASS |
|  |         |     |     |    | -20 | 0.79  | 0.00042  | PASS |
|  |         |     |     |    | -10 | 0.09  | 0.00005  | PASS |
|  |         |     |     |    | 0   | 3.09  | 0.00166  | PASS |
|  |         |     |     |    | 10  | 0.94  | 0.00051  | PASS |
|  |         |     |     |    | 20  | 0.90  | 0.00048  | PASS |
|  |         |     |     |    | 30  | 0.27  | 0.00015  | PASS |
|  |         |     |     |    | 40  | -8.70 | -0.00468 | PASS |
|  |         |     |     |    | 50  | 1.32  | 0.00071  | PASS |
|  |         |     | MCH | VN | -30 | -3.55 | -0.00189 | PASS |
|  |         |     |     |    | -20 | -4.06 | -0.00216 | PASS |
|  |         |     |     |    | -10 | -2.88 | -0.00153 | PASS |
|  |         |     |     |    | 0   | -2.42 | -0.00129 | PASS |
|  |         |     |     |    | 10  | -3.40 | -0.00181 | PASS |
|  |         |     |     |    | 20  | -3.43 | -0.00182 | PASS |
|  |         |     |     |    | 30  | -3.10 | -0.00165 | PASS |
|  |         |     |     |    | 40  | -4.78 | -0.00254 | PASS |
|  |         |     |     |    | 50  | -4.68 | -0.00249 | PASS |
|  |         |     | HCH | VN | -30 | -0.11 | -0.00006 | PASS |
|  |         |     |     |    | -20 | 0.80  | 0.00042  | PASS |
|  |         |     |     |    | -10 | 0.37  | 0.00019  | PASS |
|  |         |     |     |    | 0   | -0.06 | -0.00003 | PASS |
|  |         |     |     |    | 10  | 1.37  | 0.00072  | PASS |
|  |         |     |     |    | 20  | -0.01 | -0.00001 | PASS |
|  |         |     |     |    | 30  | -0.56 | -0.00029 | PASS |
|  |         |     |     |    | 40  | 1.90  | 0.001    | PASS |
|  |         |     |     |    | 50  | 0.41  | 0.00022  | PASS |
|  | LTE/TM2 | 1.4 | LCH | VN | -30 | 0.64  | 0.00035  | PASS |
|  |         |     |     |    | -20 | -0.10 | -0.00005 | PASS |
|  |         |     |     |    | -10 | -2.10 | -0.00113 | PASS |
|  |         |     |     |    | 0   | -2.73 | -0.00148 | PASS |
|  |         |     |     |    | 10  | -2.60 | -0.0014  | PASS |
|  |         |     |     |    | 20  | -3.60 | -0.00195 | PASS |
|  |         |     |     |    | 30  | -2.03 | -0.0011  | PASS |
|  |         |     |     |    | 40  | -1.70 | -0.00092 | PASS |

|  |  |   |     |    |     |       |          |      |
|--|--|---|-----|----|-----|-------|----------|------|
|  |  |   |     |    | 50  | -1.89 | -0.00102 | PASS |
|  |  |   | MCH | VN | -30 | -3.33 | -0.00177 | PASS |
|  |  |   |     |    | -20 | -3.91 | -0.00208 | PASS |
|  |  |   |     |    | -10 | -2.85 | -0.00152 | PASS |
|  |  |   |     |    | 0   | -2.22 | -0.00118 | PASS |
|  |  |   |     |    | 10  | -1.53 | -0.00081 | PASS |
|  |  |   |     |    | 20  | -3.85 | -0.00205 | PASS |
|  |  |   |     |    | 30  | -1.20 | -0.00064 | PASS |
|  |  |   |     |    | 40  | -1.99 | -0.00106 | PASS |
|  |  |   |     |    | 50  | -5.95 | -0.00316 | PASS |
|  |  |   | HCH | VN | -30 | 1.34  | 0.0007   | PASS |
|  |  |   |     |    | -20 | -0.39 | -0.0002  | PASS |
|  |  |   |     |    | -10 | -1.10 | -0.00058 | PASS |
|  |  |   |     |    | 0   | -1.00 | -0.00052 | PASS |
|  |  |   |     |    | 10  | 3.08  | 0.00161  | PASS |
|  |  |   |     |    | 20  | 1.02  | 0.00053  | PASS |
|  |  |   |     |    | 30  | 2.12  | 0.00111  | PASS |
|  |  |   |     |    | 40  | 0.73  | 0.00038  | PASS |
|  |  |   |     |    | 50  | 0.43  | 0.00023  | PASS |
|  |  | 3 | LCH | VN | -30 | -0.20 | -0.00011 | PASS |
|  |  |   |     |    | -20 | -2.79 | -0.00151 | PASS |
|  |  |   |     |    | -10 | -1.47 | -0.00079 | PASS |
|  |  |   |     |    | 0   | -2.35 | -0.00127 | PASS |
|  |  |   |     |    | 10  | -2.93 | -0.00158 | PASS |
|  |  |   |     |    | 20  | -2.56 | -0.00138 | PASS |
|  |  |   |     |    | 30  | -2.55 | -0.00138 | PASS |
|  |  |   |     |    | 40  | -2.62 | -0.00142 | PASS |
|  |  |   |     |    | 50  | -2.09 | -0.00113 | PASS |
|  |  |   | MCH | VN | -30 | -2.70 | -0.00144 | PASS |
|  |  |   |     |    | -20 | -3.88 | -0.00206 | PASS |
|  |  |   |     |    | -10 | -3.26 | -0.00173 | PASS |
|  |  |   |     |    | 0   | -2.85 | -0.00152 | PASS |
|  |  |   |     |    | 10  | -3.73 | -0.00198 | PASS |
|  |  |   |     |    | 20  | -5.34 | -0.00284 | PASS |
|  |  |   |     |    | 30  | -2.56 | -0.00136 | PASS |
|  |  |   |     |    | 40  | -3.23 | -0.00172 | PASS |
|  |  |   |     |    | 50  | -2.57 | -0.00137 | PASS |
|  |  |   | HCH | VN | -30 | 1.36  | 0.00071  | PASS |
|  |  |   |     |    | -20 | 1.60  | 0.00084  | PASS |
|  |  |   |     |    | -10 | 0.57  | 0.0003   | PASS |
|  |  |   |     |    | 0   | -0.19 | -0.0001  | PASS |
|  |  |   |     |    | 10  | -0.47 | -0.00025 | PASS |

|  |  |    |     |    |     |       |          |      |
|--|--|----|-----|----|-----|-------|----------|------|
|  |  |    |     |    | 20  | -1.13 | -0.00059 | PASS |
|  |  |    |     |    | 30  | 1.17  | 0.00061  | PASS |
|  |  |    |     |    | 40  | -0.17 | -0.00009 | PASS |
|  |  |    |     |    | 50  | 0.59  | 0.00031  | PASS |
|  |  | 5  | LCH | VN | -30 | -1.40 | -0.00076 | PASS |
|  |  |    |     |    | -20 | -0.64 | -0.00035 | PASS |
|  |  |    |     |    | -10 | -1.59 | -0.00086 | PASS |
|  |  |    |     |    | 0   | -1.86 | -0.001   | PASS |
|  |  |    |     |    | 10  | -2.20 | -0.00119 | PASS |
|  |  |    |     |    | 20  | -1.65 | -0.00089 | PASS |
|  |  |    |     |    | 30  | -1.20 | -0.00065 | PASS |
|  |  |    |     |    | 40  | -2.45 | -0.00132 | PASS |
|  |  |    |     |    | 50  | -1.23 | -0.00066 | PASS |
|  |  |    | MCH | VN | -30 | -3.52 | -0.00187 | PASS |
|  |  |    |     |    | -20 | -3.88 | -0.00206 | PASS |
|  |  |    |     |    | -10 | -2.42 | -0.00129 | PASS |
|  |  |    |     |    | 0   | -2.96 | -0.00157 | PASS |
|  |  |    |     |    | 10  | -3.52 | -0.00187 | PASS |
|  |  |    |     |    | 20  | -2.93 | -0.00156 | PASS |
|  |  |    |     |    | 30  | -2.59 | -0.00138 | PASS |
|  |  |    |     |    | 40  | -2.37 | -0.00126 | PASS |
|  |  |    |     |    | 50  | -3.30 | -0.00176 | PASS |
|  |  |    | HCH | VN | -30 | 0.07  | 0.00004  | PASS |
|  |  |    |     |    | -20 | -1.62 | -0.00085 | PASS |
|  |  |    |     |    | -10 | 1.36  | 0.00071  | PASS |
|  |  |    |     |    | 0   | -0.74 | -0.00039 | PASS |
|  |  |    |     |    | 10  | 0.96  | 0.0005   | PASS |
|  |  |    |     |    | 20  | -0.82 | -0.00043 | PASS |
|  |  |    |     |    | 30  | -0.29 | -0.00015 | PASS |
|  |  |    |     |    | 40  | 0.04  | 0.00002  | PASS |
|  |  |    |     |    | 50  | -1.23 | -0.00064 | PASS |
|  |  | 10 | LCH | VN | -30 | -2.47 | -0.00133 | PASS |
|  |  |    |     |    | -20 | -2.65 | -0.00143 | PASS |
|  |  |    |     |    | -10 | -2.95 | -0.00159 | PASS |
|  |  |    |     |    | 0   | -3.33 | -0.0018  | PASS |
|  |  |    |     |    | 10  | -3.60 | -0.00194 | PASS |
|  |  |    |     |    | 20  | -2.46 | -0.00133 | PASS |
|  |  |    |     |    | 30  | -2.05 | -0.00111 | PASS |
|  |  |    |     |    | 40  | -2.36 | -0.00127 | PASS |
|  |  |    |     |    | 50  | -1.54 | -0.00083 | PASS |
|  |  |    | MCH | VN | -30 | -3.63 | -0.00193 | PASS |
|  |  |    |     |    | -20 | -2.72 | -0.00145 | PASS |

|  |  |  |     |    |     |        |          |      |
|--|--|--|-----|----|-----|--------|----------|------|
|  |  |  |     |    | -10 | -3.10  | -0.00165 | PASS |
|  |  |  |     |    | 0   | -3.26  | -0.00173 | PASS |
|  |  |  |     |    | 10  | -3.28  | -0.00174 | PASS |
|  |  |  |     |    | 20  | -3.08  | -0.00164 | PASS |
|  |  |  |     |    | 30  | -3.39  | -0.0018  | PASS |
|  |  |  |     |    | 40  | -3.89  | -0.00207 | PASS |
|  |  |  |     |    | 50  | -2.35  | -0.00125 | PASS |
|  |  |  | HCH | VN | -30 | 0.66   | 0.00035  | PASS |
|  |  |  |     |    | -20 | 2.29   | 0.0012   | PASS |
|  |  |  |     |    | -10 | 1.50   | 0.00079  | PASS |
|  |  |  |     |    | 0   | 0.89   | 0.00047  | PASS |
|  |  |  |     |    | 10  | 2.35   | 0.00123  | PASS |
|  |  |  |     |    | 20  | 0.73   | 0.00038  | PASS |
|  |  |  |     |    | 30  | 1.20   | 0.00063  | PASS |
|  |  |  |     |    | 40  | 0.87   | 0.00046  | PASS |
|  |  |  |     |    | 50  | 0.14   | 0.00007  | PASS |
|  |  |  | LCH | VN | -30 | -3.99  | -0.00215 | PASS |
|  |  |  |     |    | -20 | -11.04 | -0.00594 | PASS |
|  |  |  |     |    | -10 | -2.86  | -0.00154 | PASS |
|  |  |  |     |    | 0   | -4.12  | -0.00222 | PASS |
|  |  |  |     |    | 10  | -3.53  | -0.0019  | PASS |
|  |  |  |     |    | 20  | -0.63  | -0.00034 | PASS |
|  |  |  |     |    | 30  | -6.31  | -0.0034  | PASS |
|  |  |  |     |    | 40  | -3.33  | -0.00179 | PASS |
|  |  |  |     |    | 50  | -3.91  | -0.0021  | PASS |
|  |  |  | MCH | VN | -30 | -3.91  | -0.00208 | PASS |
|  |  |  |     |    | -20 | -5.04  | -0.00268 | PASS |
|  |  |  |     |    | -10 | -4.13  | -0.0022  | PASS |
|  |  |  |     |    | 0   | -4.16  | -0.00221 | PASS |
|  |  |  |     |    | 10  | -3.99  | -0.00212 | PASS |
|  |  |  |     |    | 20  | -2.80  | -0.00149 | PASS |
|  |  |  |     |    | 30  | -3.65  | -0.00194 | PASS |
|  |  |  |     |    | 40  | -3.55  | -0.00189 | PASS |
|  |  |  | HCH | VN | 50  | -3.75  | -0.00199 | PASS |
|  |  |  |     |    | -30 | -3.36  | -0.00177 | PASS |
|  |  |  |     |    | -20 | -3.08  | -0.00162 | PASS |
|  |  |  |     |    | -10 | -3.10  | -0.00163 | PASS |
|  |  |  |     |    | 0   | -2.07  | -0.00109 | PASS |
|  |  |  |     |    | 10  | -3.59  | -0.00189 | PASS |
|  |  |  |     |    | 20  | -3.38  | -0.00178 | PASS |
|  |  |  |     |    | 30  | -4.11  | -0.00216 | PASS |
|  |  |  |     |    | 40  | -3.81  | -0.002   | PASS |



|  |  |    |     |    |     |       |          |      |
|--|--|----|-----|----|-----|-------|----------|------|
|  |  | 20 | LCH | VN | 50  | -3.52 | -0.00185 | PASS |
|  |  |    |     |    | -30 | 0.09  | 0.00005  | PASS |
|  |  |    |     |    | -20 | 1.16  | 0.00062  | PASS |
|  |  |    |     |    | -10 | 0.43  | 0.00023  | PASS |
|  |  |    |     |    | 0   | 0.80  | 0.00043  | PASS |
|  |  |    |     |    | 10  | 1.42  | 0.00076  | PASS |
|  |  |    |     |    | 20  | 1.37  | 0.00074  | PASS |
|  |  |    |     |    | 30  | 0.76  | 0.00041  | PASS |
|  |  |    |     |    | 40  | 0.63  | 0.00034  | PASS |
|  |  |    |     |    | 50  | -0.06 | -0.00003 | PASS |
|  |  |    | MCH | VN | -30 | -3.71 | -0.00197 | PASS |
|  |  |    |     |    | -20 | -3.36 | -0.00179 | PASS |
|  |  |    |     |    | -10 | -3.10 | -0.00165 | PASS |
|  |  |    |     |    | 0   | -2.69 | -0.00143 | PASS |
|  |  |    |     |    | 10  | -3.73 | -0.00198 | PASS |
|  |  |    |     |    | 20  | -3.23 | -0.00172 | PASS |
|  |  |    |     |    | 30  | -4.01 | -0.00213 | PASS |
|  |  |    |     |    | 40  | -4.19 | -0.00223 | PASS |
|  |  |    |     |    | 50  | -3.85 | -0.00205 | PASS |
|  |  |    | HCH | VN | -30 | -3.59 | -0.00189 | PASS |
|  |  |    |     |    | -20 | -3.39 | -0.00178 | PASS |
|  |  |    |     |    | -10 | -2.72 | -0.00143 | PASS |
|  |  |    |     |    | 0   | -2.65 | -0.00139 | PASS |
|  |  |    |     |    | 10  | -1.85 | -0.00097 | PASS |
|  |  |    |     |    | 20  | -3.08 | -0.00162 | PASS |
|  |  |    |     |    | 30  | -2.60 | -0.00137 | PASS |
|  |  |    |     |    | 40  | -2.72 | -0.00143 | PASS |
|  |  |    |     |    | 50  | -2.99 | -0.00157 | PASS |

END