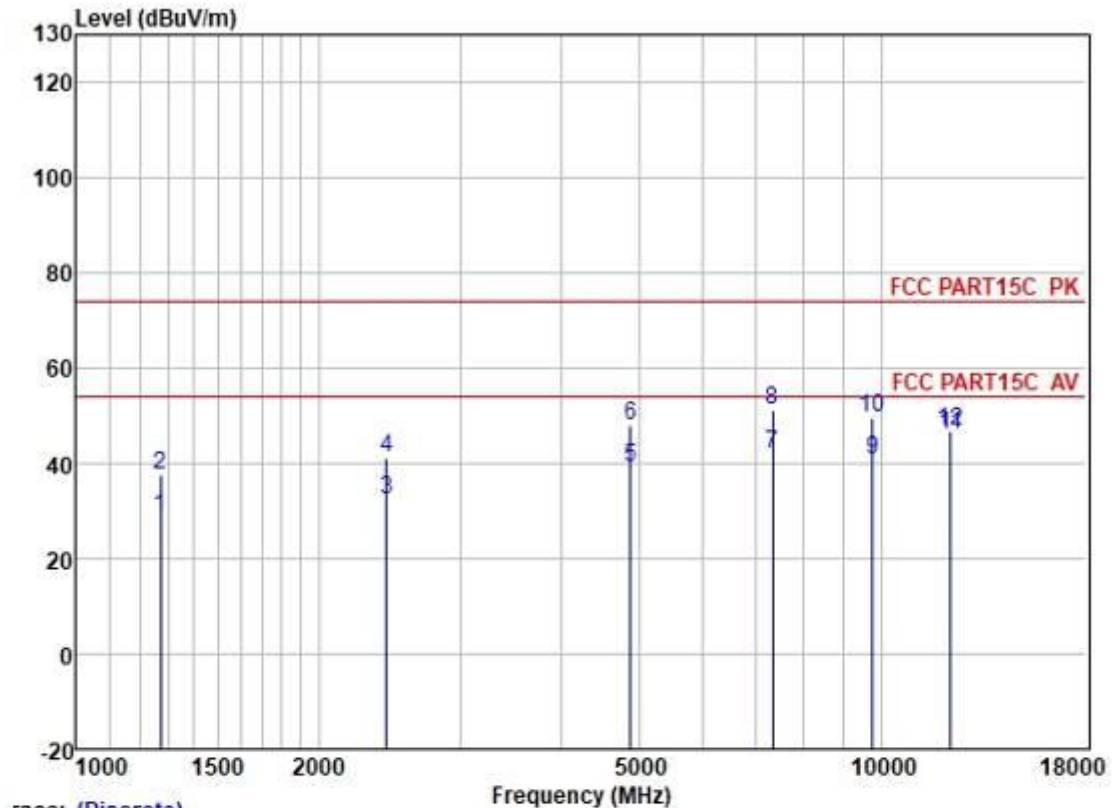


Mode:b; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:middle



|    |           | ReadAntenna |        | Cable | Preamp |        | Limit  | Over   |            |         |
|----|-----------|-------------|--------|-------|--------|--------|--------|--------|------------|---------|
|    | Freq      | Level       | Factor | Loss  | Factor | Level  | Line   | Limit  | Pol/Phase  | Remark  |
|    | MHz       | dBuV        | dB/m   | dB    | dB     | dBuV/m | dBuV/m | dB     |            |         |
| 1  | 1271.123  | 38.66       | 25.11  | 2.46  | 37.32  | 28.91  | 54.00  | -25.09 | HORIZONTAL | Average |
| 2  | 1271.123  | 47.39       | 25.11  | 2.46  | 37.32  | 37.64  | 74.00  | -36.36 | HORIZONTAL | Peak    |
| 3  | 2428.671  | 38.49       | 27.40  | 3.43  | 36.91  | 32.41  | 54.00  | -21.59 | HORIZONTAL | Average |
| 4  | 2428.671  | 47.27       | 27.40  | 3.43  | 36.91  | 41.19  | 74.00  | -32.81 | HORIZONTAL | Peak    |
| 5  | 4884.948  | 38.54       | 31.56  | 5.52  | 36.50  | 39.12  | 54.00  | -14.88 | HORIZONTAL | Average |
| 6  | 4884.948  | 47.52       | 31.56  | 5.52  | 36.50  | 48.10  | 74.00  | -25.90 | HORIZONTAL | Peak    |
| 7  | 7326.396  | 36.78       | 36.00  | 6.13  | 36.76  | 42.15  | 54.00  | -11.85 | HORIZONTAL | Average |
| 8  | 7326.396  | 45.65       | 36.00  | 6.13  | 36.76  | 51.02  | 74.00  | -22.98 | HORIZONTAL | Peak    |
| 9  | 9768.006  | 31.45       | 38.53  | 7.01  | 36.33  | 40.66  | 54.00  | -13.34 | HORIZONTAL | Average |
| 10 | 9768.006  | 40.38       | 38.53  | 7.01  | 36.33  | 49.59  | 74.00  | -24.41 | HORIZONTAL | Peak    |
| 11 | 12210.910 | 35.43       | 38.74  | 8.08  | 36.30  | 45.95  | 54.00  | -8.05  | HORIZONTAL | Average |
| 12 | 12210.910 | 36.43       | 38.74  | 8.08  | 36.30  | 46.95  | 74.00  | -27.05 | HORIZONTAL | Peak    |



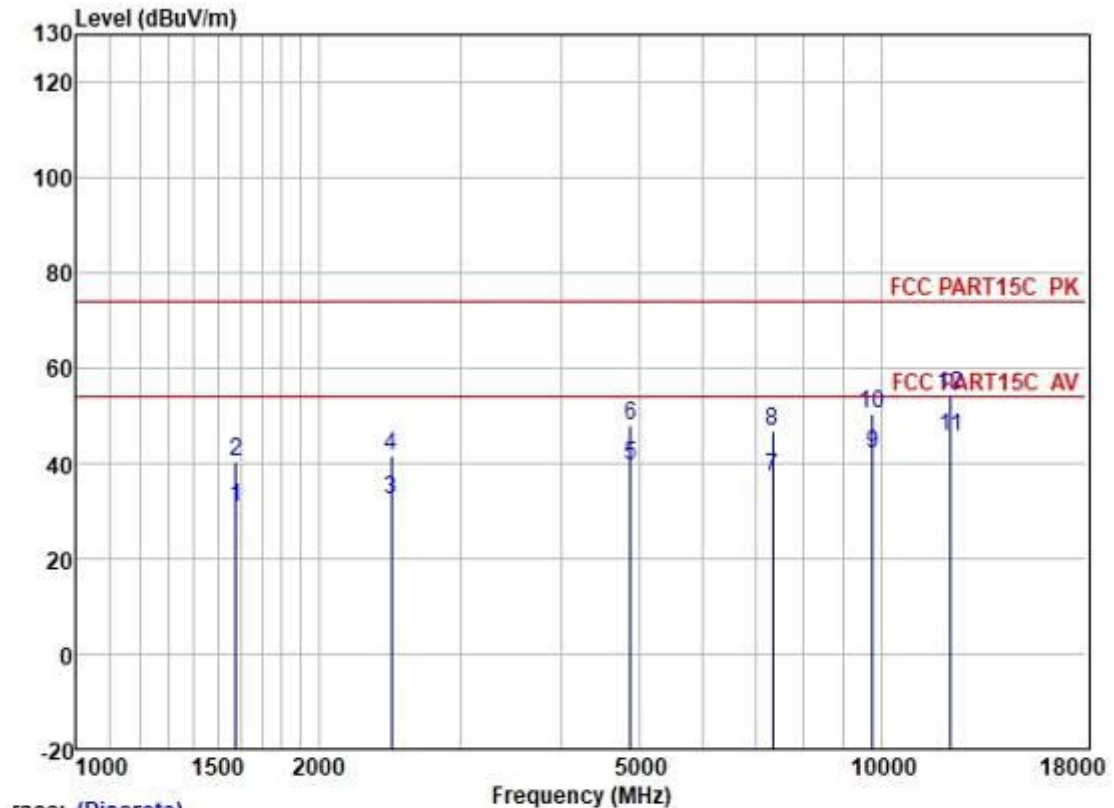
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Mode:b; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:middle



|      | Read      | Antenna | Cable | Preamp | Limit  | Over   |       |           |          |
|------|-----------|---------|-------|--------|--------|--------|-------|-----------|----------|
| Freq | Level     | Factor  | Loss  | Factor | Level  | Line   | Limit | Pol/Phase | Remark   |
| MHz  | dBuV      | dB/m    | dB    | dB     | dBuV/m | dBuV/m | dB    |           |          |
| 1    | 1578.822  | 39.54   | 25.56 | 2.80   | 37.08  | 30.82  | 54.00 | -23.18    | VERTICAL |
| 2    | 1578.822  | 48.93   | 25.56 | 2.80   | 37.08  | 40.21  | 74.00 | -33.79    | VERTICAL |
| 3    | 2464.024  | 38.46   | 27.45 | 3.50   | 36.90  | 32.51  | 54.00 | -21.49    | VERTICAL |
| 4    | 2464.024  | 47.61   | 27.45 | 3.50   | 36.90  | 41.66  | 74.00 | -32.34    | VERTICAL |
| 5    | 4888.151  | 38.96   | 31.56 | 5.52   | 36.50  | 39.54  | 54.00 | -14.46    | VERTICAL |
| 6    | 4888.151  | 47.56   | 31.56 | 5.52   | 36.50  | 48.14  | 74.00 | -25.86    | VERTICAL |
| 7    | 7326.627  | 31.70   | 36.00 | 6.13   | 36.76  | 37.07  | 54.00 | -16.93    | VERTICAL |
| 8    | 7326.627  | 41.32   | 36.00 | 6.13   | 36.76  | 46.69  | 74.00 | -27.31    | VERTICAL |
| 9    | 9768.833  | 32.97   | 38.53 | 7.01   | 36.33  | 42.18  | 54.00 | -11.82    | VERTICAL |
| 10   | 9768.833  | 41.24   | 38.53 | 7.01   | 36.33  | 50.45  | 74.00 | -23.55    | VERTICAL |
| 11   | 12210.690 | 34.96   | 38.74 | 8.08   | 36.30  | 45.48  | 54.00 | -8.52     | VERTICAL |
| 12   | 12210.690 | 43.98   | 38.74 | 8.08   | 36.30  | 54.50  | 74.00 | -19.50    | VERTICAL |



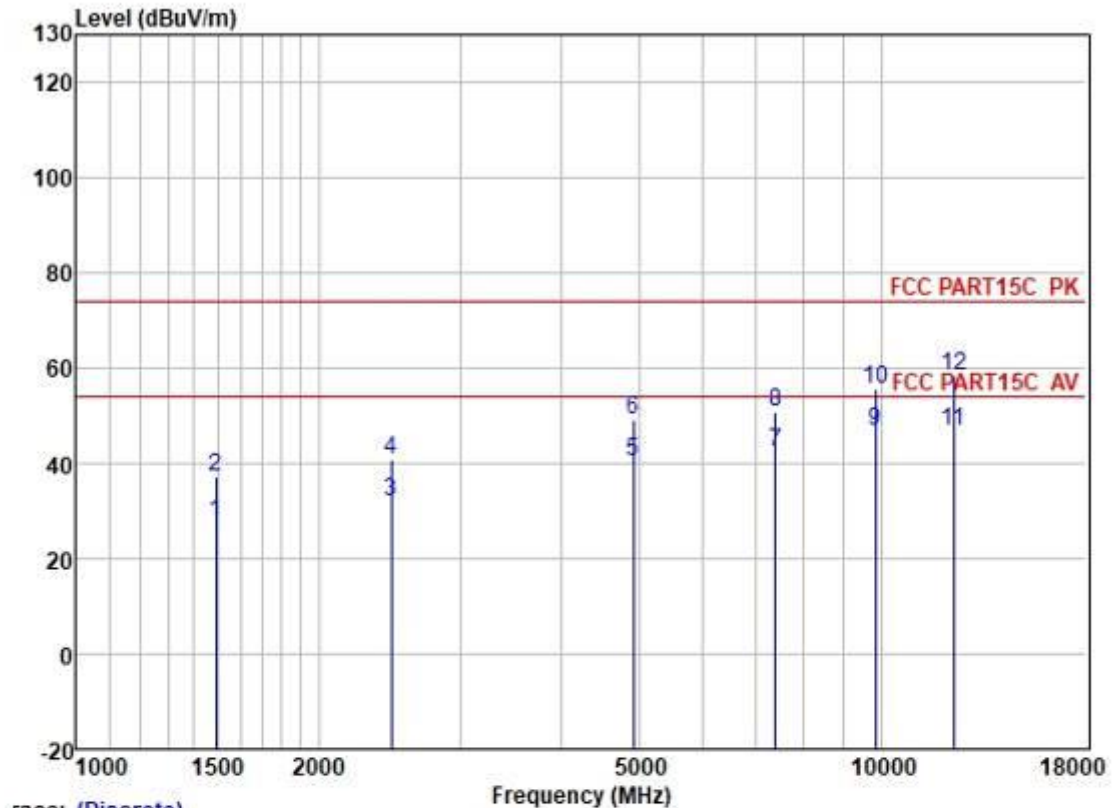
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Mode:b; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



race: (Discrete)

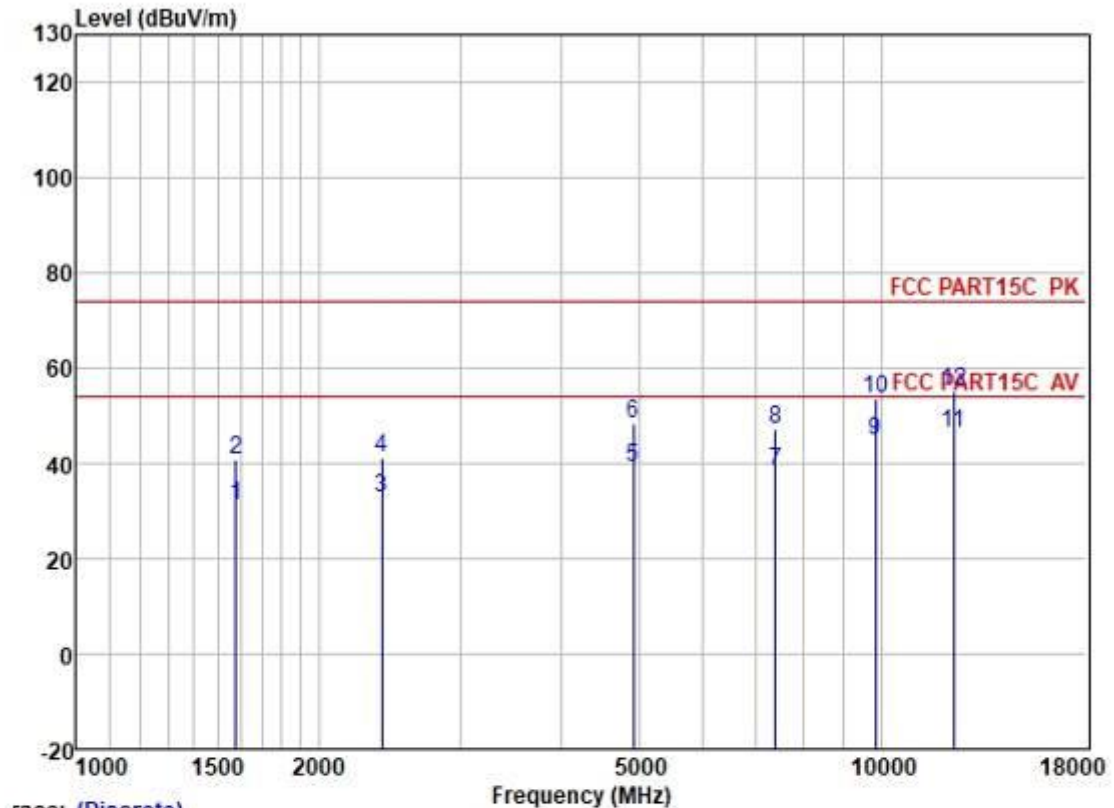
|    | Freq      | ReadAntenna | Cable | Preamp |       | Limit  | Over   |           |                    |
|----|-----------|-------------|-------|--------|-------|--------|--------|-----------|--------------------|
|    | Level     | Factor      | Loss  | Factor | Level | Line   | Limit  | Pol/Phase | Remark             |
|    | MHz       | dBuV        | dB/m  | dB     | dB    | dBuV/m | dBuV/m | dB        |                    |
| 1  | 1490.142  | 36.49       | 25.49 | 2.79   | 37.12 | 27.65  | 54.00  | -26.35    | HORIZONTAL Average |
| 2  | 1490.142  | 45.94       | 25.49 | 2.79   | 37.12 | 37.10  | 74.00  | -36.90    | HORIZONTAL Peak    |
| 3  | 2464.024  | 37.95       | 27.45 | 3.50   | 36.90 | 32.00  | 54.00  | -22.00    | HORIZONTAL Average |
| 4  | 2464.024  | 46.75       | 27.45 | 3.50   | 36.90 | 40.80  | 74.00  | -33.20    | HORIZONTAL Peak    |
| 5  | 4924.032  | 39.65       | 31.62 | 5.60   | 36.50 | 40.37  | 54.00  | -13.63    | HORIZONTAL Average |
| 6  | 4924.032  | 48.39       | 31.62 | 5.60   | 36.50 | 49.11  | 74.00  | -24.89    | HORIZONTAL Peak    |
| 7  | 7386.818  | 36.99       | 36.17 | 6.19   | 36.77 | 42.58  | 54.00  | -11.42    | HORIZONTAL Average |
| 8  | 7386.818  | 45.27       | 36.17 | 6.19   | 36.77 | 50.86  | 74.00  | -23.14    | HORIZONTAL Peak    |
| 9  | 9848.670  | 37.53       | 38.58 | 6.99   | 36.32 | 46.78  | 54.00  | -7.22     | HORIZONTAL Average |
| 10 | 9848.670  | 46.43       | 38.58 | 6.99   | 36.32 | 55.68  | 74.00  | -18.32    | HORIZONTAL Peak    |
| 11 | 12310.910 | 36.26       | 38.63 | 8.01   | 36.23 | 46.67  | 54.00  | -7.33     | HORIZONTAL Average |
| 12 | 12310.910 | 48.08       | 38.63 | 8.01   | 36.23 | 58.49  | 74.00  | -15.51    | HORIZONTAL Peak    |



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Mode:b; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:High



|    |           | Read  | Antenna | Cable | Preamp |        | Limit  | Over   |           |         |
|----|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
|    | Freq      | Level | Factor  | Loss  | Factor | Level  | Line   | Limit  | Pol/Phase | Remark  |
|    | MHz       | dBuV  | dB/m    | dB    | dB     | dBuV/m | dBuV/m | dB     |           |         |
| 1  | 1578.822  | 40.00 | 25.56   | 2.80  | 37.08  | 31.28  | 54.00  | -22.72 | VERTICAL  | Average |
| 2  | 1578.822  | 49.48 | 25.56   | 2.80  | 37.08  | 40.76  | 74.00  | -33.24 | VERTICAL  | Peak    |
| 3  | 2393.824  | 38.69 | 27.34   | 3.49  | 36.92  | 32.60  | 54.00  | -21.40 | VERTICAL  | Average |
| 4  | 2393.824  | 47.48 | 27.34   | 3.49  | 36.92  | 41.39  | 74.00  | -32.61 | VERTICAL  | Peak    |
| 5  | 4916.490  | 38.65 | 31.60   | 5.58  | 36.50  | 39.33  | 54.00  | -14.67 | VERTICAL  | Average |
| 6  | 4916.490  | 47.70 | 31.60   | 5.58  | 36.50  | 48.38  | 74.00  | -25.62 | VERTICAL  | Peak    |
| 7  | 7386.263  | 32.66 | 36.17   | 6.19  | 36.77  | 38.25  | 54.00  | -15.75 | VERTICAL  | Average |
| 8  | 7386.263  | 41.46 | 36.17   | 6.19  | 36.77  | 47.05  | 74.00  | -26.95 | VERTICAL  | Peak    |
| 9  | 9848.432  | 35.69 | 38.58   | 6.99  | 36.32  | 44.94  | 54.00  | -9.06  | VERTICAL  | Average |
| 10 | 9848.432  | 44.23 | 38.58   | 6.99  | 36.32  | 53.48  | 74.00  | -20.52 | VERTICAL  | Peak    |
| 11 | 12310.600 | 35.84 | 38.63   | 8.01  | 36.23  | 46.25  | 54.00  | -7.75  | VERTICAL  | Average |
| 12 | 12310.600 | 44.92 | 38.63   | 8.01  | 36.23  | 55.33  | 74.00  | -18.67 | VERTICAL  | Peak    |



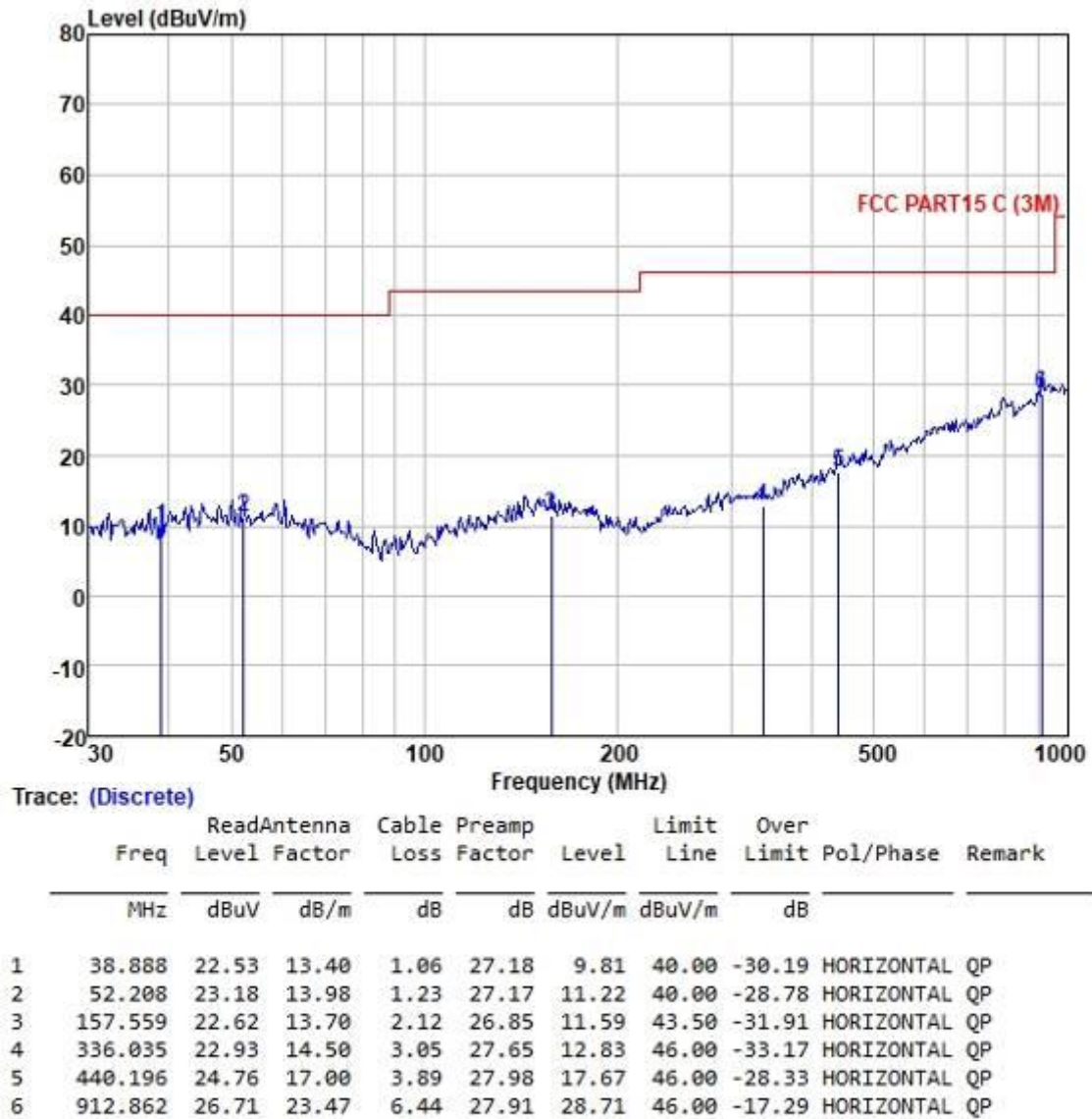
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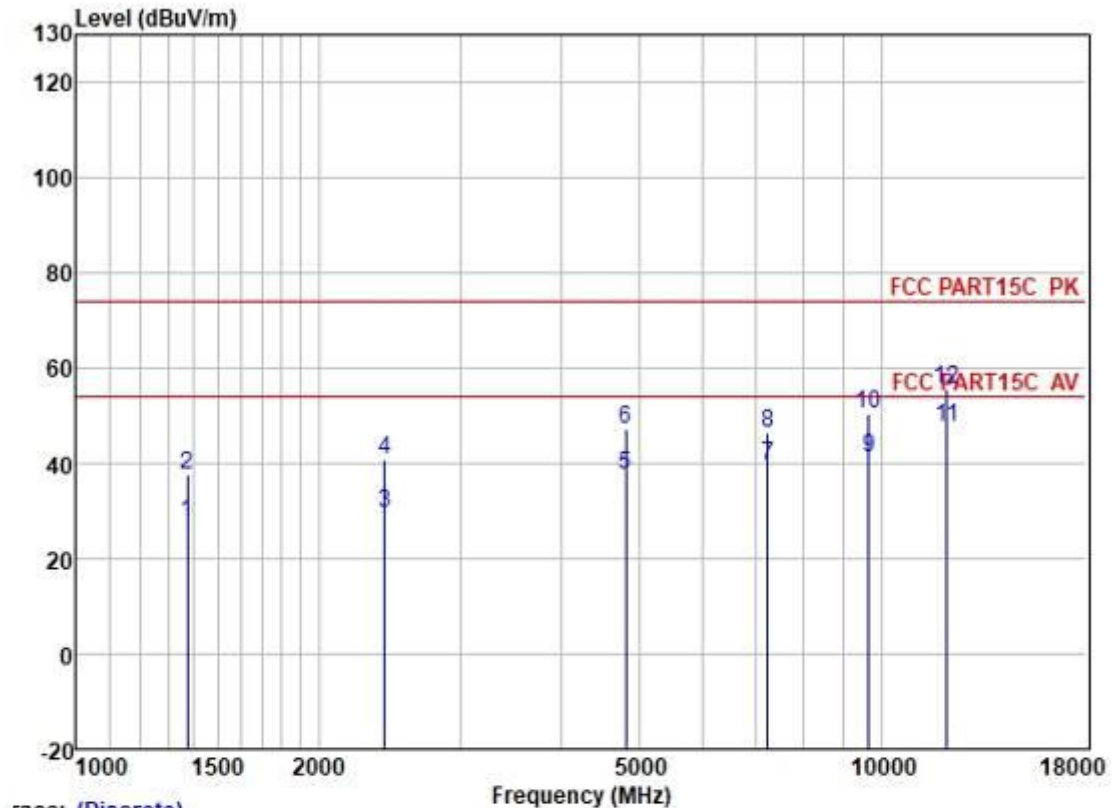
Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



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Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



race: (Discrete)

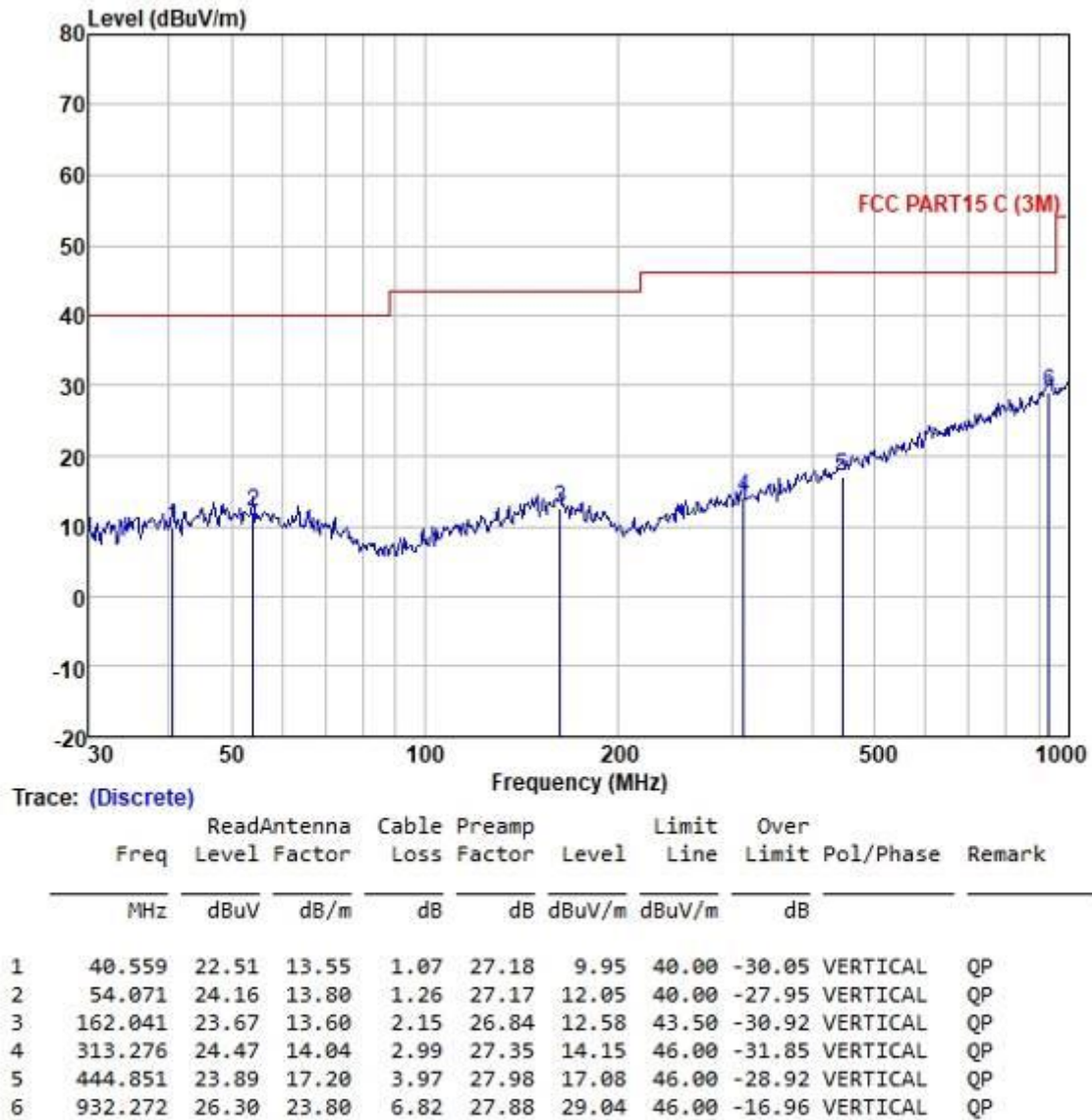
|    | Freq      | ReadAntenna | Cable  | Preamp | Level  | Limit  | Over   | Pol/Phase | Remark             |
|----|-----------|-------------|--------|--------|--------|--------|--------|-----------|--------------------|
|    | MHz       | Level       | Factor | Loss   | Factor | Line   | Limit  |           |                    |
|    | MHz       | dBuV        | dB/m   | dB     | dB     | dBuV/m | dBuV/m | dB        |                    |
| 1  | 1374.295  | 36.99       | 25.35  | 2.60   | 37.25  | 27.69  | 54.00  | -26.31    | HORIZONTAL Average |
| 2  | 1374.295  | 46.70       | 25.35  | 2.60   | 37.25  | 37.40  | 74.00  | -36.60    | HORIZONTAL Peak    |
| 3  | 2414.672  | 35.79       | 27.38  | 3.47   | 36.92  | 29.72  | 54.00  | -24.28    | HORIZONTAL Average |
| 4  | 2414.672  | 46.80       | 27.38  | 3.47   | 36.92  | 40.73  | 74.00  | -33.27    | HORIZONTAL Peak    |
| 5  | 4818.016  | 37.35       | 31.45  | 5.42   | 36.48  | 37.74  | 54.00  | -16.26    | HORIZONTAL Average |
| 6  | 4818.016  | 46.83       | 31.45  | 5.42   | 36.48  | 47.22  | 74.00  | -26.78    | HORIZONTAL Peak    |
| 7  | 7235.754  | 34.66       | 35.70  | 6.03   | 36.75  | 39.64  | 54.00  | -14.36    | HORIZONTAL Average |
| 8  | 7235.754  | 41.49       | 35.70  | 6.03   | 36.75  | 46.47  | 74.00  | -27.53    | HORIZONTAL Peak    |
| 9  | 9648.804  | 32.23       | 38.40  | 7.06   | 36.35  | 41.34  | 54.00  | -12.66    | HORIZONTAL Average |
| 10 | 9648.804  | 41.49       | 38.40  | 7.06   | 36.35  | 50.60  | 74.00  | -23.40    | HORIZONTAL Peak    |
| 11 | 12060.100 | 36.99       | 38.88  | 8.17   | 36.38  | 47.66  | 54.00  | -6.34     | HORIZONTAL Average |
| 12 | 12060.100 | 45.01       | 38.88  | 8.17   | 36.38  | 55.68  | 74.00  | -18.32    | HORIZONTAL Peak    |



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Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



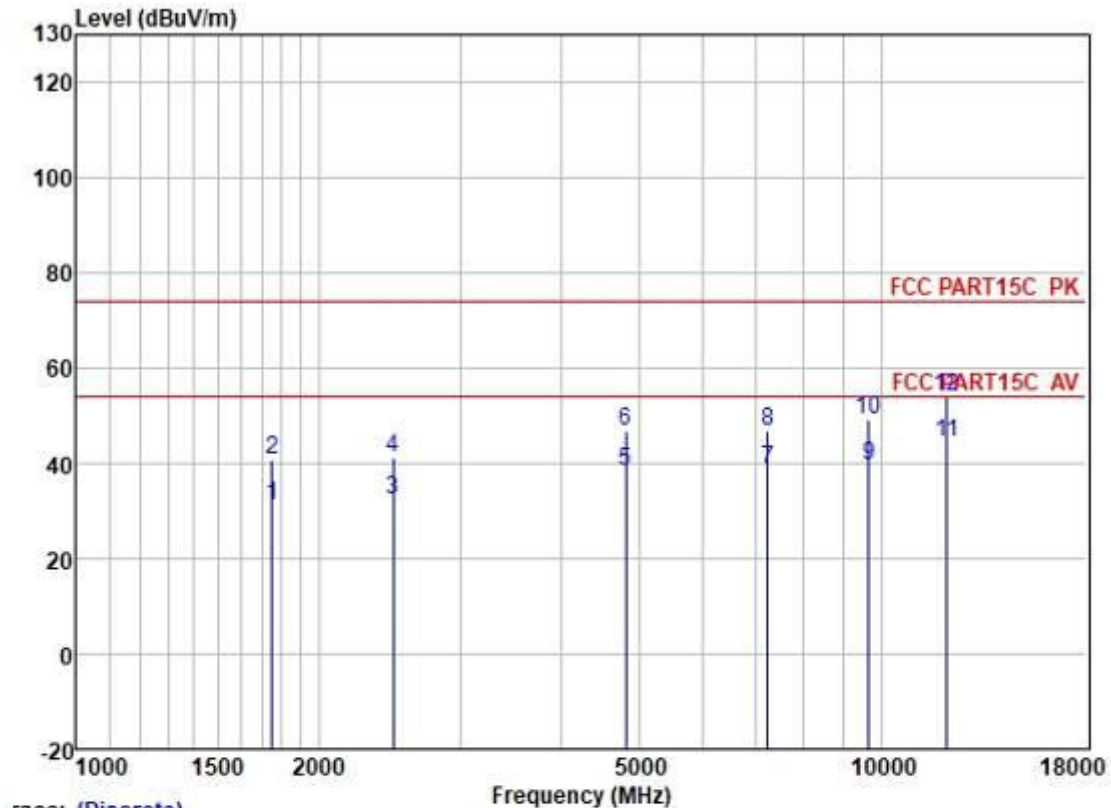
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Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



|    |           | Read  | Antenna | Cable | Preamp |        | Limit  | Over   |           |         |
|----|-----------|-------|---------|-------|--------|--------|--------|--------|-----------|---------|
|    | Freq      | Level | Factor  | Loss  | Factor | Level  | Line   | Limit  | Pol/Phase | Remark  |
|    | MHz       | dBuV  | dB/m    | dB    | dB     | dBuV/m | dBuV/m | dB     |           |         |
| 1  | 1751.955  | 39.33 | 25.86   | 2.90  | 37.04  | 31.05  | 54.00  | -22.95 | VERTICAL  | Average |
| 2  | 1751.955  | 48.95 | 25.86   | 2.90  | 37.04  | 40.67  | 74.00  | -33.33 | VERTICAL  | Peak    |
| 3  | 2478.310  | 38.37 | 27.47   | 3.60  | 36.90  | 32.54  | 54.00  | -21.46 | VERTICAL  | Average |
| 4  | 2478.310  | 47.01 | 27.47   | 3.60  | 36.90  | 41.18  | 74.00  | -32.82 | VERTICAL  | Peak    |
| 5  | 4818.016  | 37.96 | 31.45   | 5.42  | 36.48  | 38.35  | 54.00  | -15.65 | VERTICAL  | Average |
| 6  | 4818.016  | 46.55 | 31.45   | 5.42  | 36.48  | 46.94  | 74.00  | -27.06 | VERTICAL  | Peak    |
| 7  | 7236.396  | 33.70 | 35.70   | 6.03  | 36.75  | 38.68  | 54.00  | -15.32 | VERTICAL  | Average |
| 8  | 7236.396  | 41.76 | 35.70   | 6.03  | 36.75  | 46.74  | 74.00  | -27.26 | VERTICAL  | Peak    |
| 9  | 9648.052  | 30.45 | 38.40   | 7.06  | 36.35  | 39.56  | 54.00  | -14.44 | VERTICAL  | Average |
| 10 | 9648.052  | 40.27 | 38.40   | 7.06  | 36.35  | 49.38  | 74.00  | -24.62 | VERTICAL  | Peak    |
| 11 | 12060.710 | 33.65 | 38.88   | 8.17  | 36.38  | 44.32  | 54.00  | -9.68  | VERTICAL  | Average |
| 12 | 12060.710 | 43.36 | 38.88   | 8.17  | 36.38  | 54.03  | 74.00  | -19.97 | VERTICAL  | Peak    |



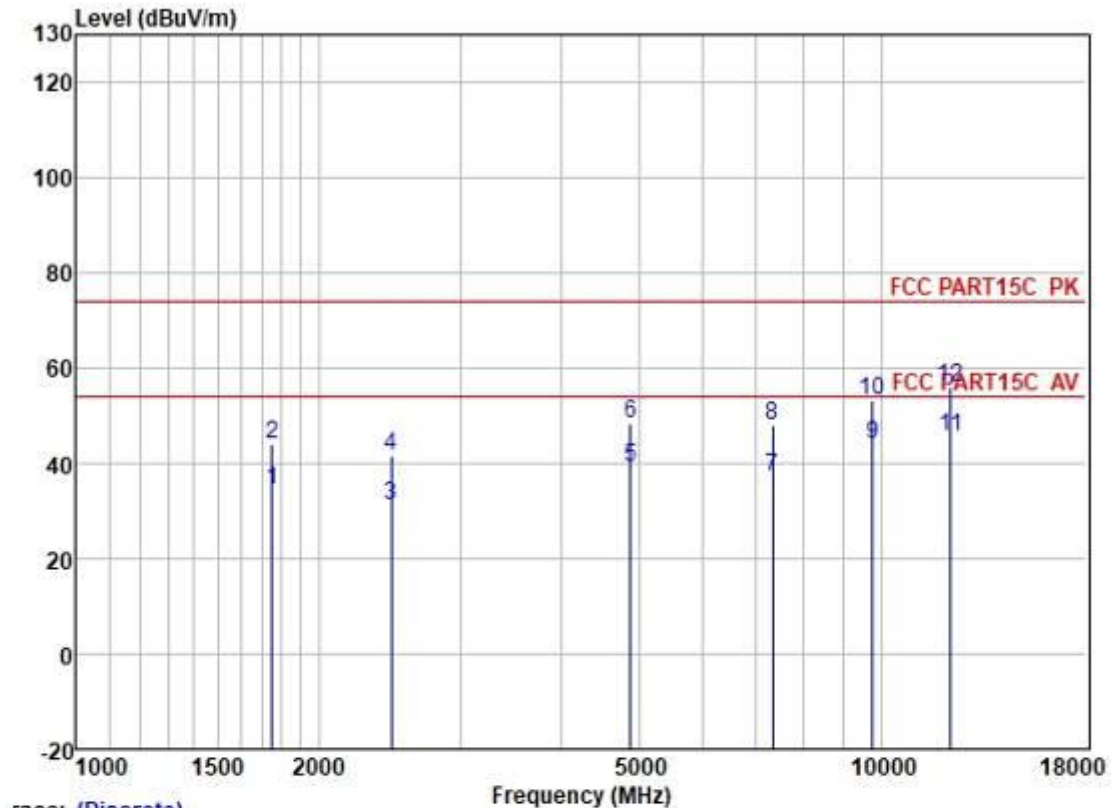
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Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



Trace: (Discrete)

|    | Freq      | Read Level | Antenna Factor | Cable Loss | Preamplifier Factor | Level  | Limit Line | Over Limit | Pol/Phase  | Remark  |
|----|-----------|------------|----------------|------------|---------------------|--------|------------|------------|------------|---------|
|    | MHz       | dBuV       | dB/m           | dB         | dB                  | dBuV/m | dBuV/m     | dB         |            |         |
| 1  | 1751.955  | 42.69      | 25.86          | 2.90       | 37.04               | 34.41  | 54.00      | -19.59     | HORIZONTAL | Average |
| 2  | 1751.955  | 52.23      | 25.86          | 2.90       | 37.04               | 43.95  | 74.00      | -30.05     | HORIZONTAL | Peak    |
| 3  | 2464.024  | 37.32      | 27.45          | 3.50       | 36.90               | 31.37  | 54.00      | -22.63     | HORIZONTAL | Average |
| 4  | 2464.024  | 47.38      | 27.45          | 3.50       | 36.90               | 41.43  | 74.00      | -32.57     | HORIZONTAL | Peak    |
| 5  | 4888.151  | 38.67      | 31.56          | 5.52       | 36.50               | 39.25  | 54.00      | -14.75     | HORIZONTAL | Average |
| 6  | 4888.151  | 47.74      | 31.56          | 5.52       | 36.50               | 48.32  | 74.00      | -25.68     | HORIZONTAL | Peak    |
| 7  | 7326.375  | 31.87      | 36.00          | 6.13       | 36.76               | 37.24  | 54.00      | -16.76     | HORIZONTAL | Average |
| 8  | 7326.375  | 42.77      | 36.00          | 6.13       | 36.76               | 48.14  | 74.00      | -25.86     | HORIZONTAL | Peak    |
| 9  | 9768.588  | 34.66      | 38.53          | 7.01       | 36.33               | 43.87  | 54.00      | -10.13     | HORIZONTAL | Average |
| 10 | 9768.588  | 44.14      | 38.53          | 7.01       | 36.33               | 53.35  | 74.00      | -20.65     | HORIZONTAL | Peak    |
| 11 | 12210.380 | 35.22      | 38.74          | 8.08       | 36.30               | 45.74  | 54.00      | -8.26      | HORIZONTAL | Average |
| 12 | 12210.380 | 45.33      | 38.74          | 8.08       | 36.30               | 55.85  | 74.00      | -18.15     | HORIZONTAL | Peak    |



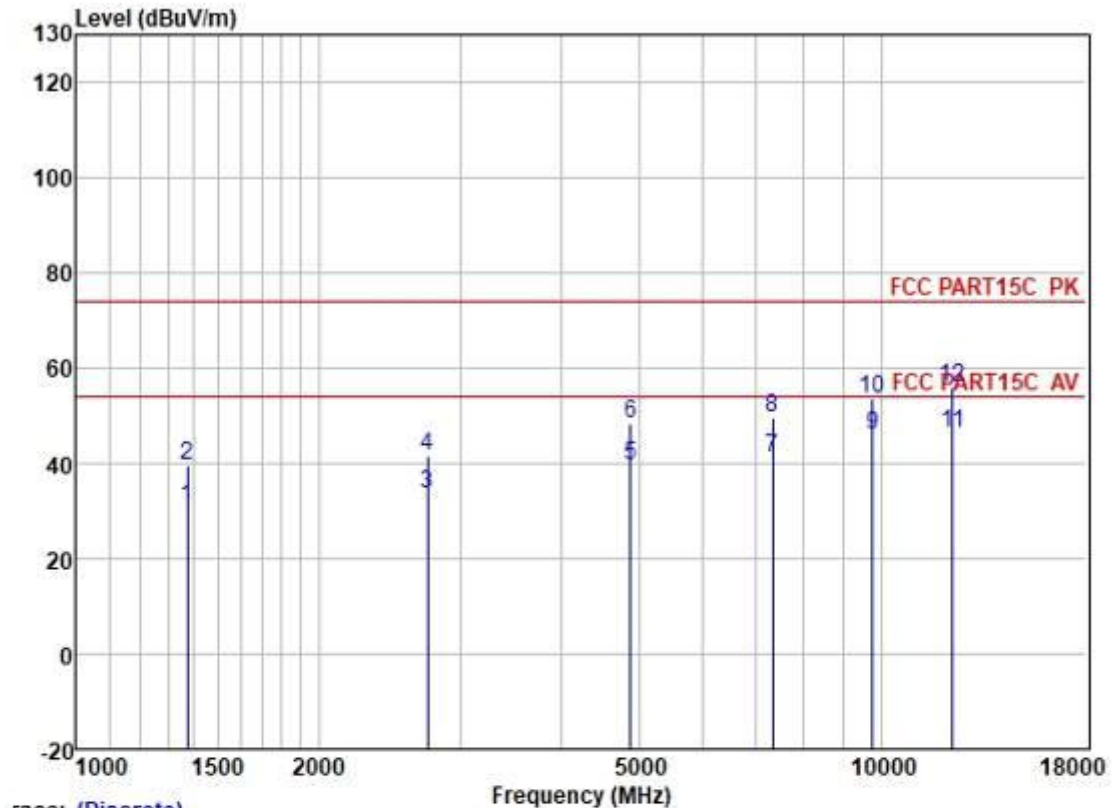
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Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



Trace: (Discrete)

|    | Freq      | Read Level | Antenna Factor | Cable Loss | Preamplifier Factor | Level  | Limit Line | Over Limit | Pol/Phase | Remark  |
|----|-----------|------------|----------------|------------|---------------------|--------|------------|------------|-----------|---------|
|    | MHz       | dBuV       | dB/m           | dB         | dB                  | dBuV/m | dBuV/m     | dB         |           |         |
| 1  | 1374.295  | 39.96      | 25.35          | 2.60       | 37.25               | 30.66  | 54.00      | -23.34     | VERTICAL  | Average |
| 2  | 1374.295  | 49.00      | 25.35          | 2.60       | 37.25               | 39.70  | 74.00      | -34.30     | VERTICAL  | Peak    |
| 3  | 2734.229  | 38.66      | 27.95          | 3.63       | 36.78               | 33.46  | 54.00      | -20.54     | VERTICAL  | Average |
| 4  | 2734.229  | 46.79      | 27.95          | 3.63       | 36.78               | 41.59  | 74.00      | -32.41     | VERTICAL  | Peak    |
| 5  | 4888.151  | 38.98      | 31.56          | 5.52       | 36.50               | 39.56  | 54.00      | -14.44     | VERTICAL  | Average |
| 6  | 4888.151  | 47.79      | 31.56          | 5.52       | 36.50               | 48.37  | 74.00      | -25.63     | VERTICAL  | Peak    |
| 7  | 7326.006  | 35.96      | 36.00          | 6.13       | 36.76               | 41.33  | 54.00      | -12.67     | VERTICAL  | Average |
| 8  | 7326.006  | 44.38      | 36.00          | 6.13       | 36.76               | 49.75  | 74.00      | -24.25     | VERTICAL  | Peak    |
| 9  | 9768.689  | 36.98      | 38.53          | 7.01       | 36.33               | 46.19  | 54.00      | -7.81      | VERTICAL  | Average |
| 10 | 9768.689  | 44.36      | 38.53          | 7.01       | 36.33               | 53.57  | 74.00      | -20.43     | VERTICAL  | Peak    |
| 11 | 12260.320 | 35.96      | 38.70          | 8.06       | 36.27               | 46.45  | 54.00      | -7.55      | VERTICAL  | Average |
| 12 | 12260.320 | 45.54      | 38.70          | 8.06       | 36.27               | 56.03  | 74.00      | -17.97     | VERTICAL  | Peak    |



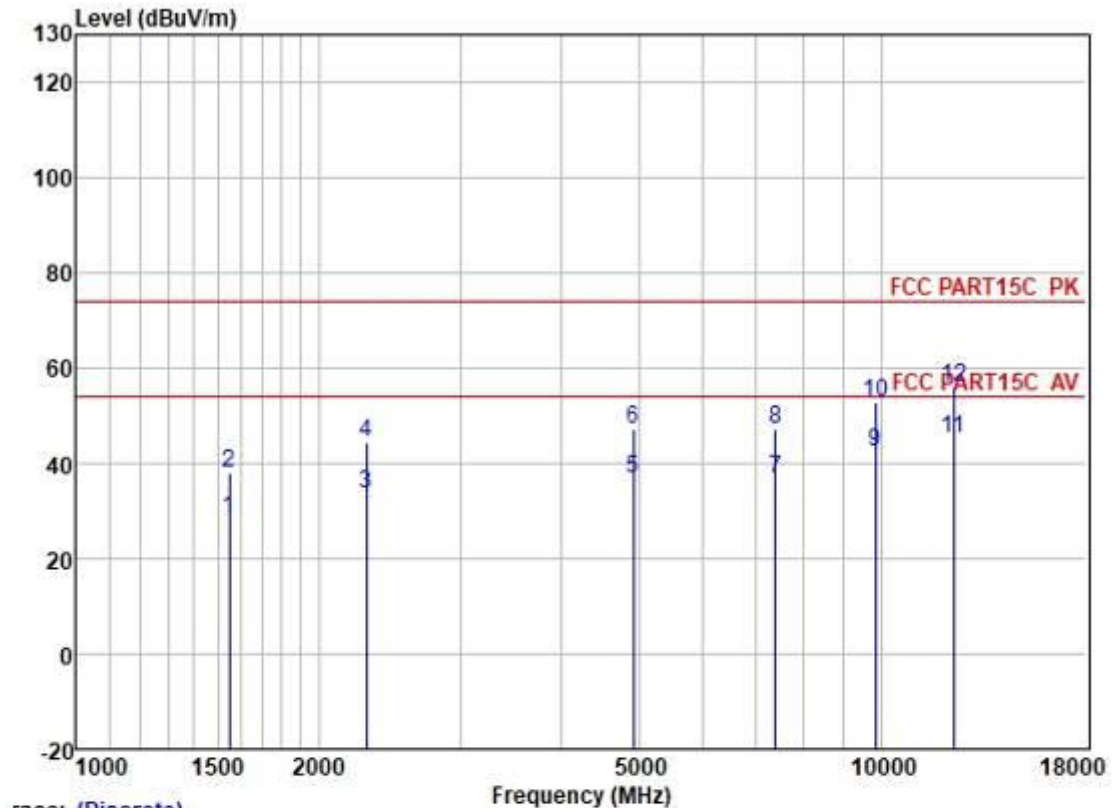
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Mode:b; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



Trace: (Discrete)

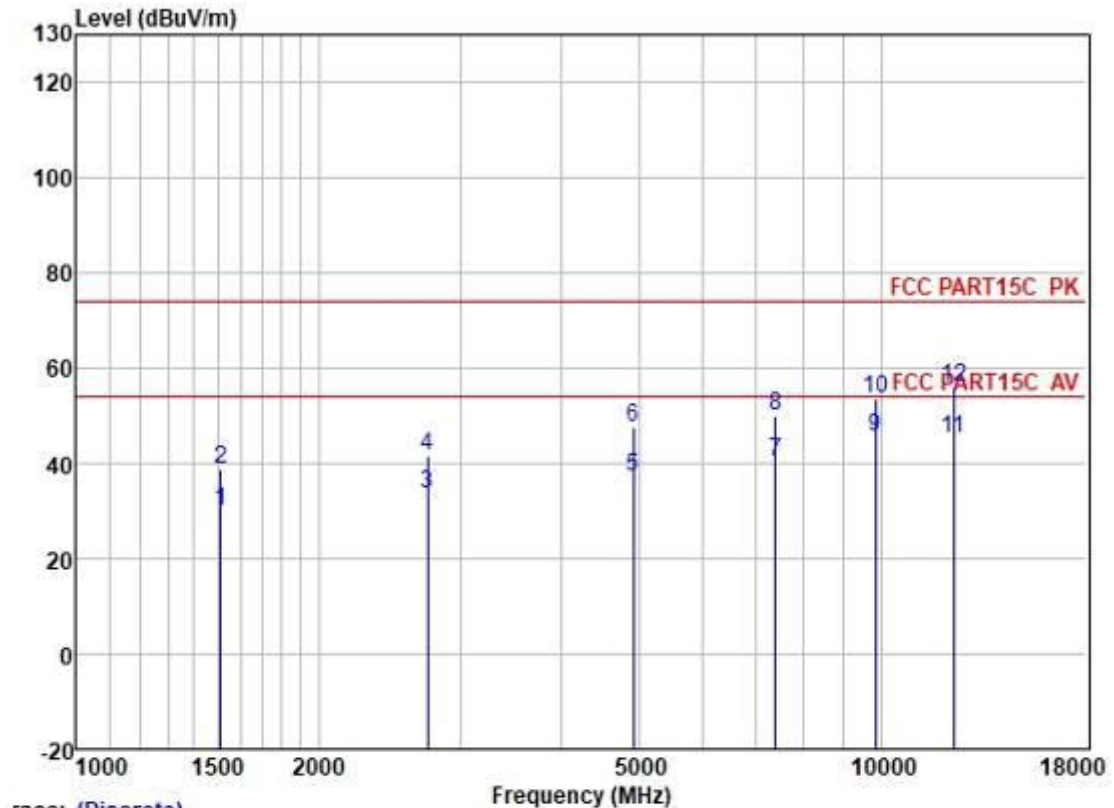
|    | Freq      | Read Level | Antenna Factor | Cable Loss | Preamplifier Factor | Level  | Limit Line | Over Limit | Pol/Phase  | Remark  |
|----|-----------|------------|----------------|------------|---------------------|--------|------------|------------|------------|---------|
|    | MHz       | dBuV       | dB/m           | dB         | dB                  | dBuV/m | dBuV/m     | dB         |            |         |
| 1  | 1547.199  | 36.99      | 25.53          | 2.80       | 37.09               | 28.23  | 54.00      | -25.77     | HORIZONTAL | Average |
| 2  | 1547.199  | 46.70      | 25.53          | 2.80       | 37.09               | 37.94  | 74.00      | -36.06     | HORIZONTAL | Peak    |
| 3  | 2292.257  | 40.32      | 27.08          | 3.30       | 36.94               | 33.76  | 54.00      | -20.24     | HORIZONTAL | Average |
| 4  | 2292.257  | 50.77      | 27.08          | 3.30       | 36.94               | 44.21  | 74.00      | -29.79     | HORIZONTAL | Peak    |
| 5  | 4916.490  | 35.94      | 31.60          | 5.58       | 36.50               | 36.62  | 54.00      | -17.38     | HORIZONTAL | Average |
| 6  | 4916.490  | 46.69      | 31.60          | 5.58       | 36.50               | 47.37  | 74.00      | -26.63     | HORIZONTAL | Peak    |
| 7  | 7386.762  | 31.10      | 36.17          | 6.19       | 36.77               | 36.69  | 54.00      | -17.31     | HORIZONTAL | Average |
| 8  | 7386.762  | 41.60      | 36.17          | 6.19       | 36.77               | 47.19  | 74.00      | -26.81     | HORIZONTAL | Peak    |
| 9  | 9848.062  | 33.00      | 38.58          | 6.99       | 36.32               | 42.25  | 54.00      | -11.75     | HORIZONTAL | Average |
| 10 | 9848.062  | 43.52      | 38.58          | 6.99       | 36.32               | 52.77  | 74.00      | -21.23     | HORIZONTAL | Peak    |
| 11 | 12310.160 | 34.80      | 38.63          | 8.01       | 36.23               | 45.21  | 54.00      | -8.79      | HORIZONTAL | Average |
| 12 | 12310.160 | 45.40      | 38.63          | 8.01       | 36.23               | 55.81  | 74.00      | -18.19     | HORIZONTAL | Peak    |



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Mode:b; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



Trace: (Discrete)

|    | Freq      | Read Level | Antenna Factor | Cable Loss | Preamplifier Factor | Level  | Limit Line | Over Limit | Pol/Phase | Remark  |
|----|-----------|------------|----------------|------------|---------------------|--------|------------|------------|-----------|---------|
|    | MHz       | dBuV       | dB/m           | dB         | dB                  | dBuV/m | dBuV/m     | dB         |           |         |
| 1  | 1511.833  | 38.96      | 25.51          | 2.80       | 37.11               | 30.16  | 54.00      | -23.84     | VERTICAL  | Average |
| 2  | 1511.833  | 47.78      | 25.51          | 2.80       | 37.11               | 38.98  | 74.00      | -35.02     | VERTICAL  | Peak    |
| 3  | 2734.229  | 38.62      | 27.95          | 3.63       | 36.78               | 33.42  | 54.00      | -20.58     | VERTICAL  | Average |
| 4  | 2734.229  | 46.70      | 27.95          | 3.63       | 36.78               | 41.50  | 74.00      | -32.50     | VERTICAL  | Peak    |
| 5  | 4916.490  | 36.39      | 31.60          | 5.58       | 36.50               | 37.07  | 54.00      | -16.93     | VERTICAL  | Average |
| 6  | 4916.490  | 46.99      | 31.60          | 5.58       | 36.50               | 47.67  | 74.00      | -26.33     | VERTICAL  | Peak    |
| 7  | 7386.267  | 34.97      | 36.17          | 6.19       | 36.77               | 40.56  | 54.00      | -13.44     | VERTICAL  | Average |
| 8  | 7386.267  | 44.48      | 36.17          | 6.19       | 36.77               | 50.07  | 74.00      | -23.93     | VERTICAL  | Peak    |
| 9  | 9848.151  | 36.27      | 38.58          | 6.99       | 36.32               | 45.52  | 54.00      | -8.48      | VERTICAL  | Average |
| 10 | 9848.151  | 44.28      | 38.58          | 6.99       | 36.32               | 53.53  | 74.00      | -20.47     | VERTICAL  | Peak    |
| 11 | 12310.480 | 34.84      | 38.63          | 8.01       | 36.23               | 45.25  | 54.00      | -8.75      | VERTICAL  | Average |
| 12 | 12310.480 | 45.66      | 38.63          | 8.01       | 36.23               | 56.07  | 74.00      | -17.93     | VERTICAL  | Peak    |



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## 8 Appendix

### 8.1 Appendix 15.247

#### 1.6dB Bandwidth

| Test Mode | Test Channel | Ant  | OBW[MHz] | EBW[MHz] | Limit | Verdict |
|-----------|--------------|------|----------|----------|-------|---------|
| 11B       | 2412         | Ant1 | 16.542   | 8.847    | 0.5   | PASS    |
| 11B       | 2442         | Ant1 | 15.277   | 9.249    | 0.5   | PASS    |
| 11B       | 2462         | Ant1 | 15.189   | 9.255    | 0.5   | PASS    |
| 11G       | 2412         | Ant1 | 17.741   | 17.74    | 0.5   | PASS    |
| 11G       | 2442         | Ant1 | 17.760   | 17.74    | 0.5   | PASS    |
| 11G       | 2462         | Ant1 | 17.876   | 17.74    | 0.5   | PASS    |
| 11N20SISO | 2412         | Ant1 | 16.807   | 16.43    | 0.5   | PASS    |
| 11N20SISO | 2442         | Ant1 | 17.274   | 16.44    | 0.5   | PASS    |
| 11N20SISO | 2462         | Ant1 | 17.348   | 16.43    | 0.5   | PASS    |



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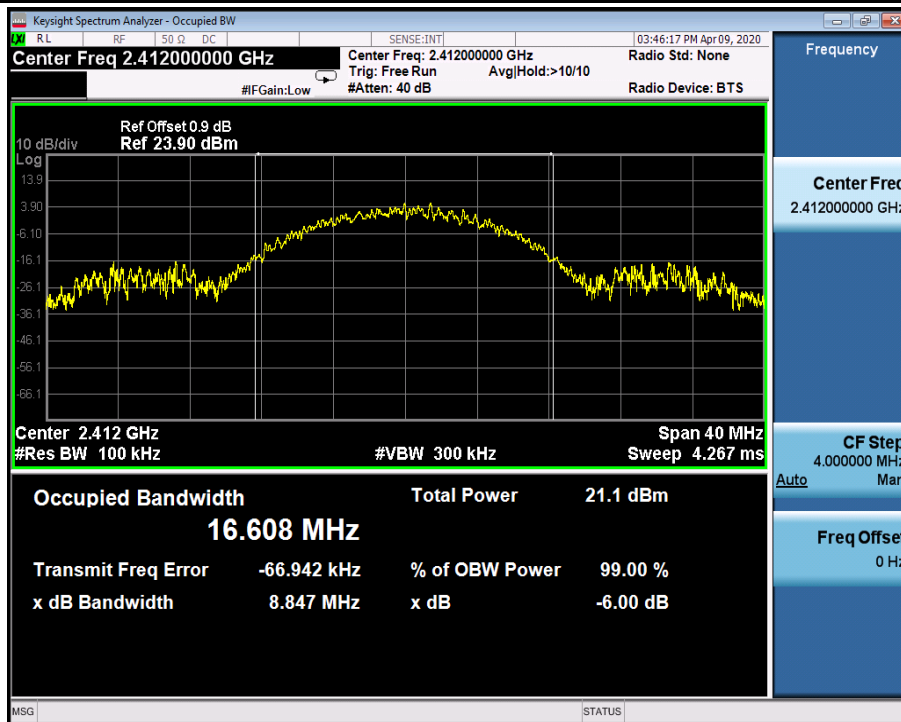
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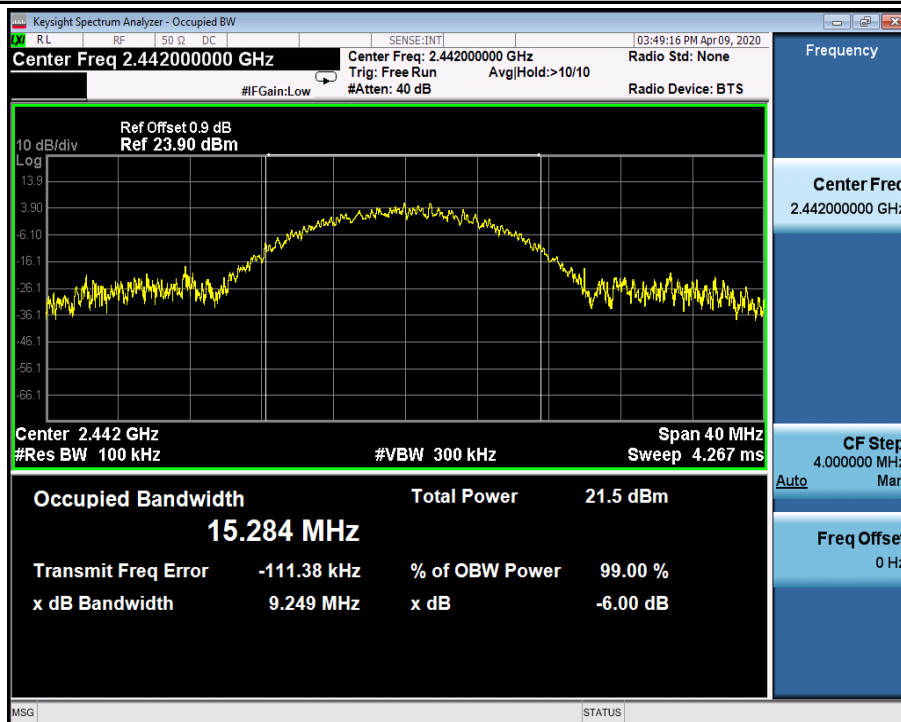
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## TEST PLOT

### 6dB Bandwidth\_11B\_2412\_Ant1



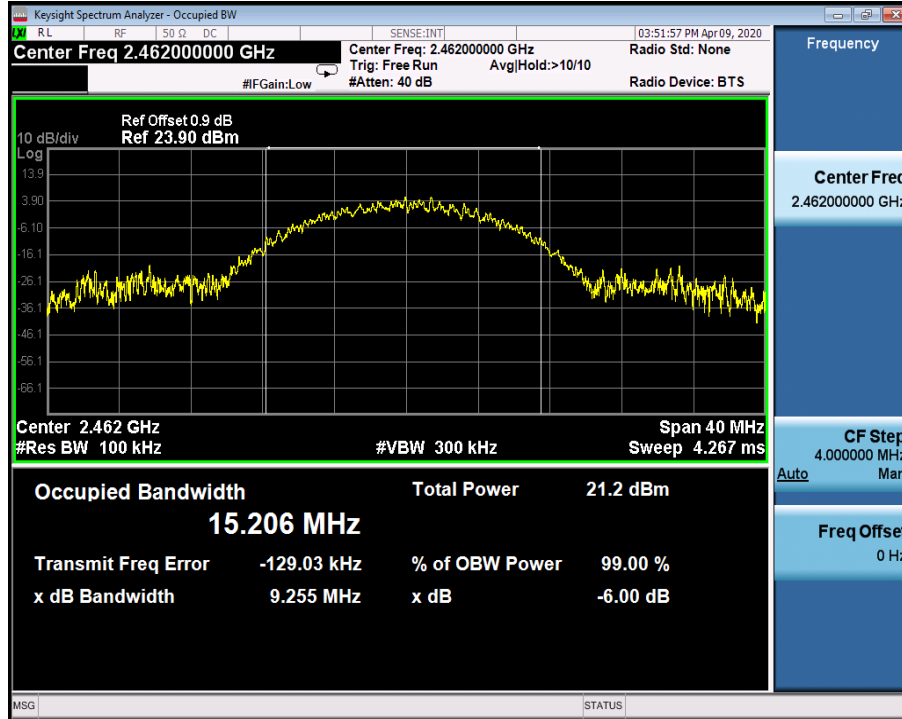
### 6dB Bandwidth\_11B\_2442\_Ant1



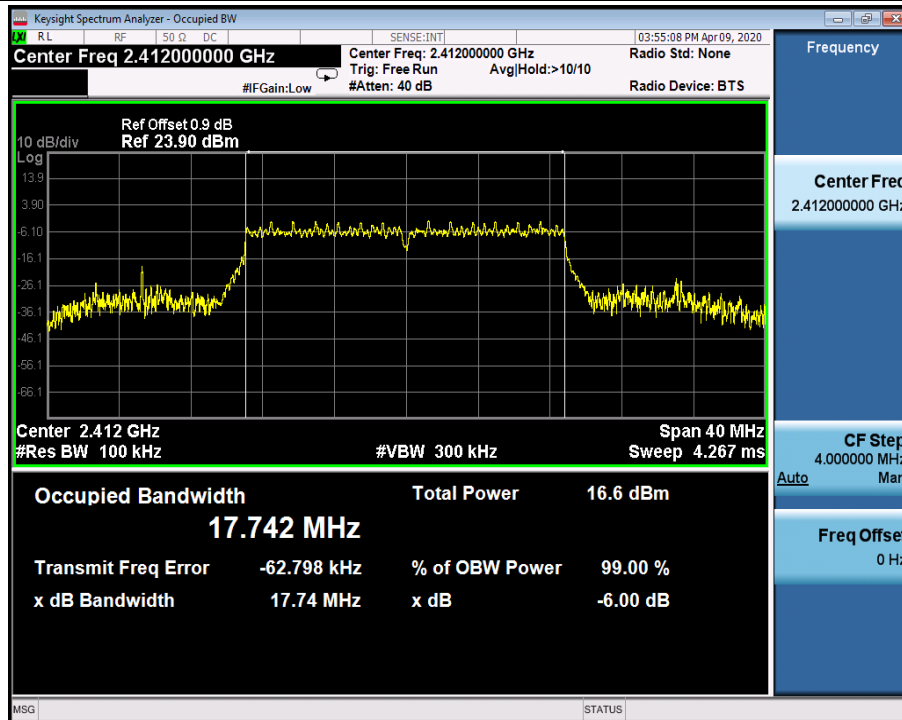
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## 6dB Bandwidth\_11B\_2462\_Ant1



## 6dB Bandwidth\_11G\_2412\_Ant1

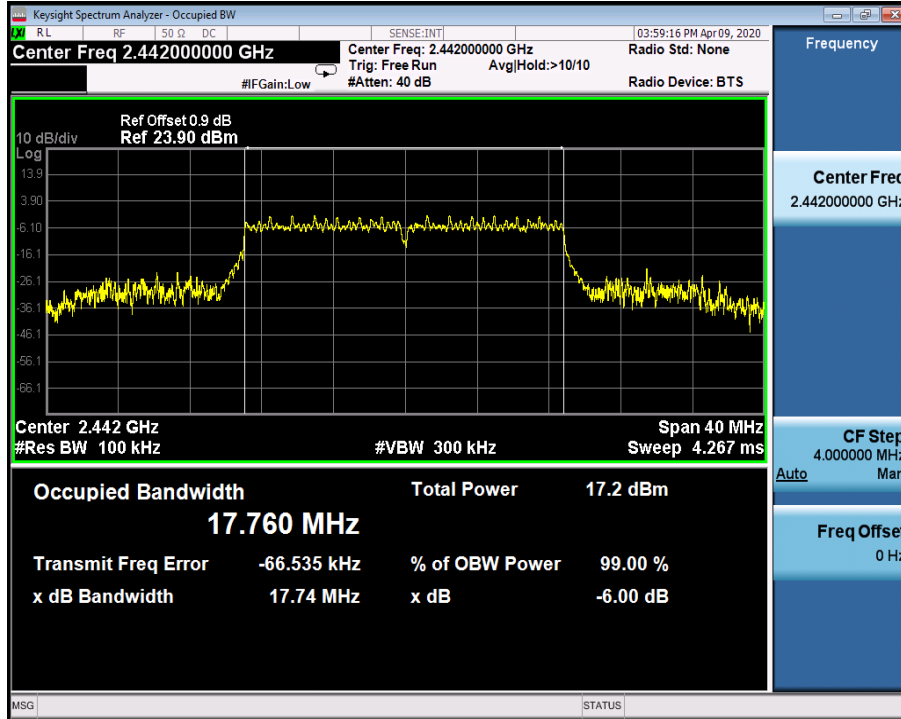


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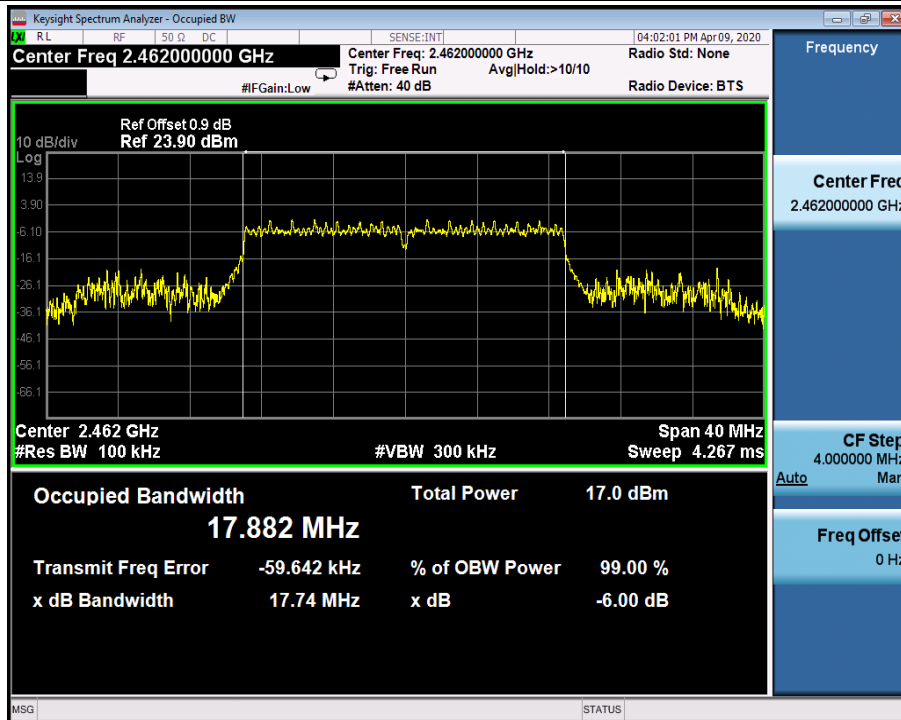
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## 6dB Bandwidth\_11G\_2442\_Ant1



## 6dB Bandwidth\_11G\_2462\_Ant1

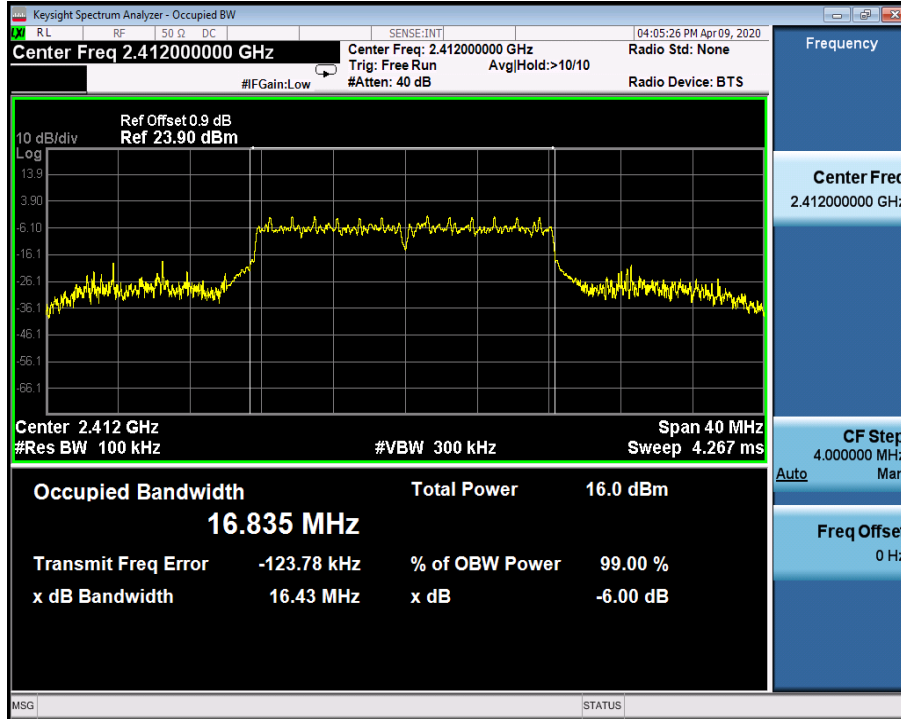


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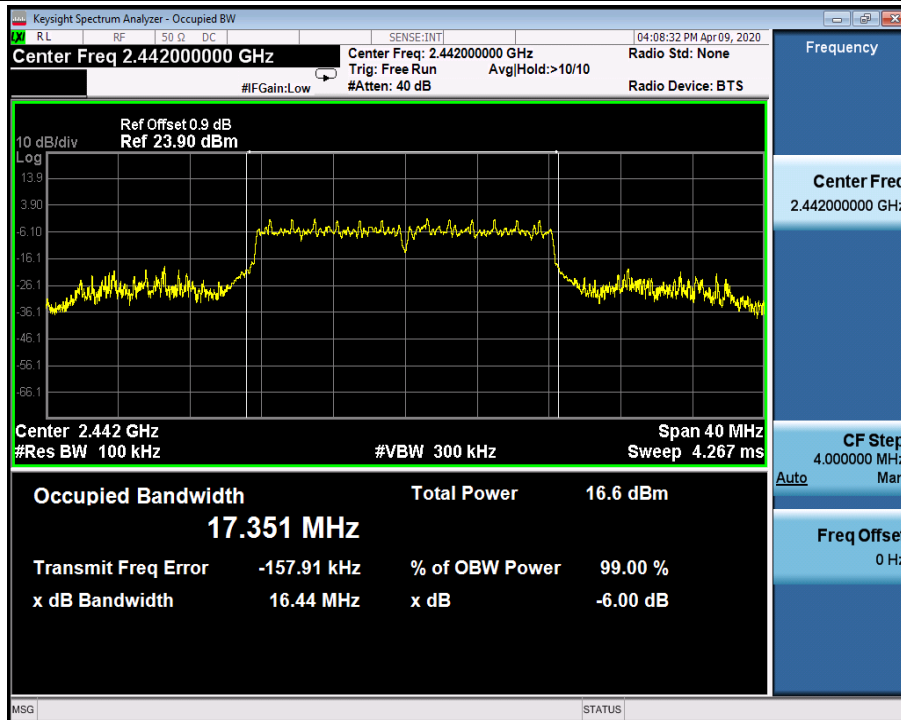
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## 6dB Bandwidth\_11N20SISO\_2412\_Ant1



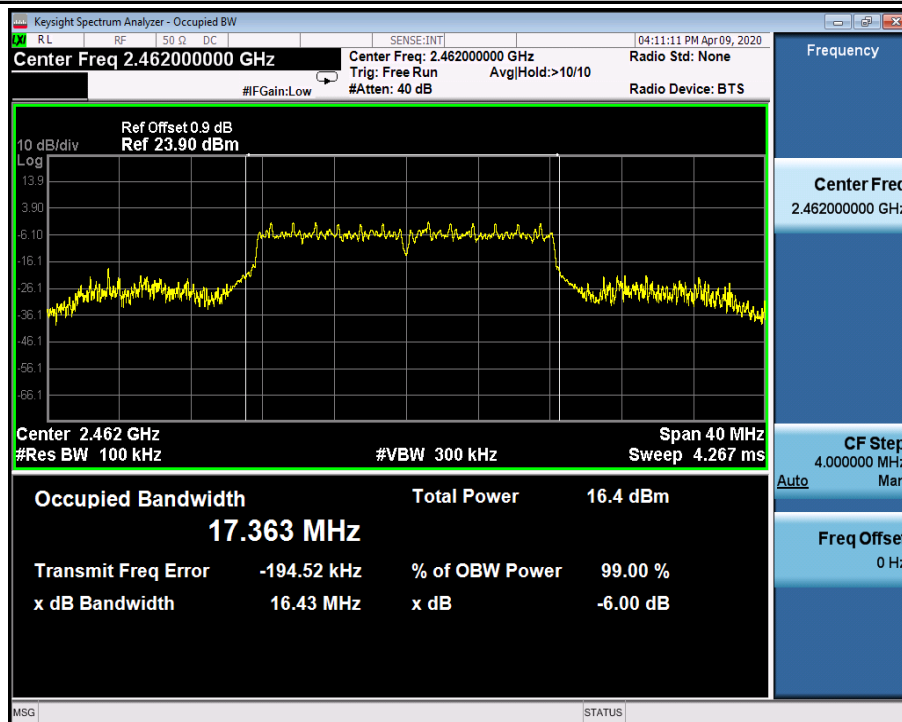
## 6dB Bandwidth\_11N20SISO\_2442\_Ant1



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## 6dB Bandwidth\_11N20SISO\_2462\_Ant1



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**2.Maximum peak conducted output power**

| Test Mode | Test Channel | Ant  | Power[dBm] | Limit[dBm] | Verdict |
|-----------|--------------|------|------------|------------|---------|
| 11B       | 2412         | Ant1 | 19.11      | 30         | PASS    |
| 11B       | 2442         | Ant1 | 19.64      | 30         | PASS    |
| 11B       | 2462         | Ant1 | 19.30      | 30         | PASS    |
| 11G       | 2412         | Ant1 | 17.41      | 30         | PASS    |
| 11G       | 2442         | Ant1 | 17.96      | 30         | PASS    |
| 11G       | 2462         | Ant1 | 17.74      | 30         | PASS    |
| 11N20SISO | 2412         | Ant1 | 17.12      | 30         | PASS    |
| 11N20SISO | 2442         | Ant1 | 17.66      | 30         | PASS    |
| 11N20SISO | 2462         | Ant1 | 17.44      | 30         | PASS    |



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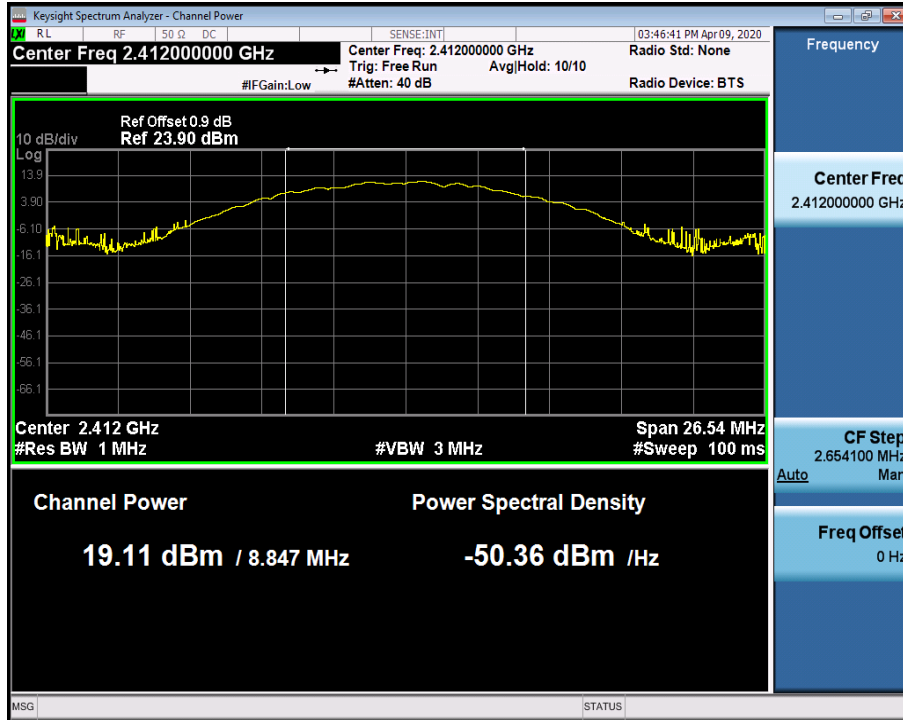
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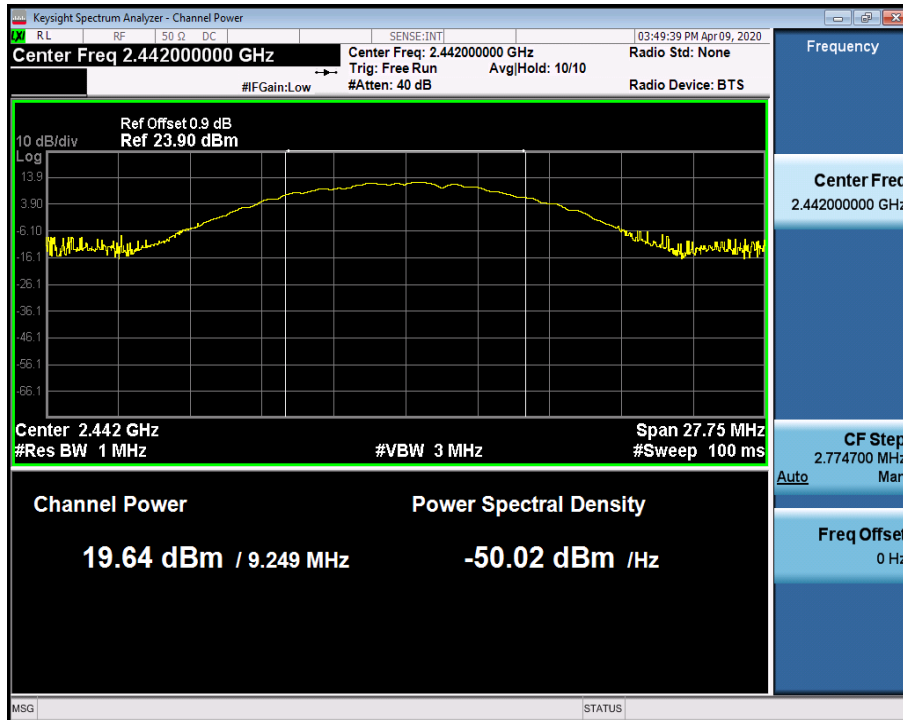
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## TEST PLOT

## Maximum peak conducted output power\_11B\_2412\_Ant1



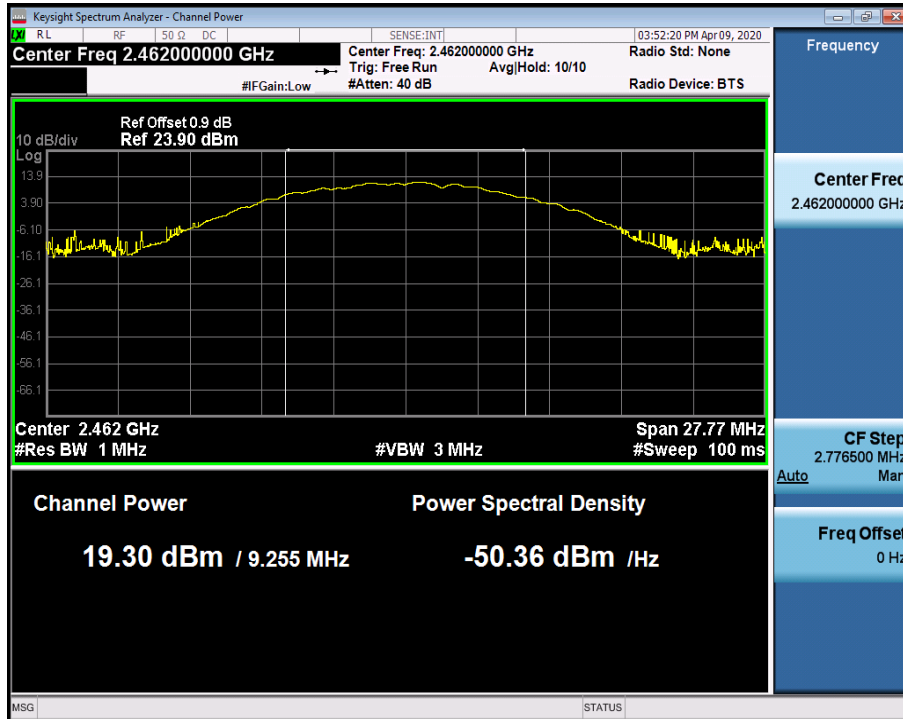
## Maximum peak conducted output power\_11B\_2442\_Ant1



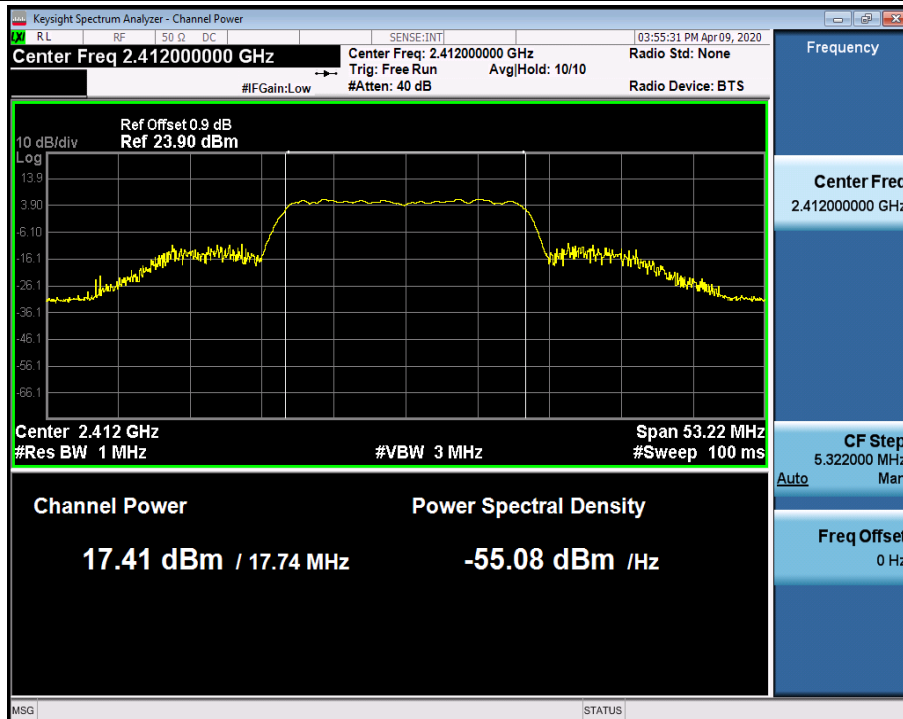
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## Maximum peak conducted output power\_11B\_2462\_Ant1



## Maximum peak conducted output power\_11G\_2412\_Ant1

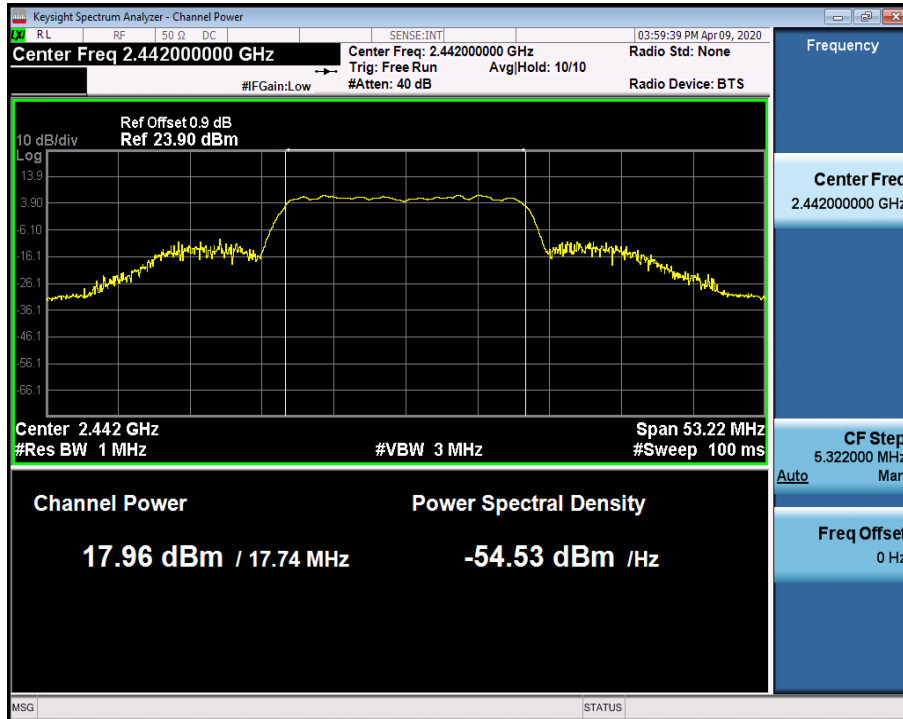


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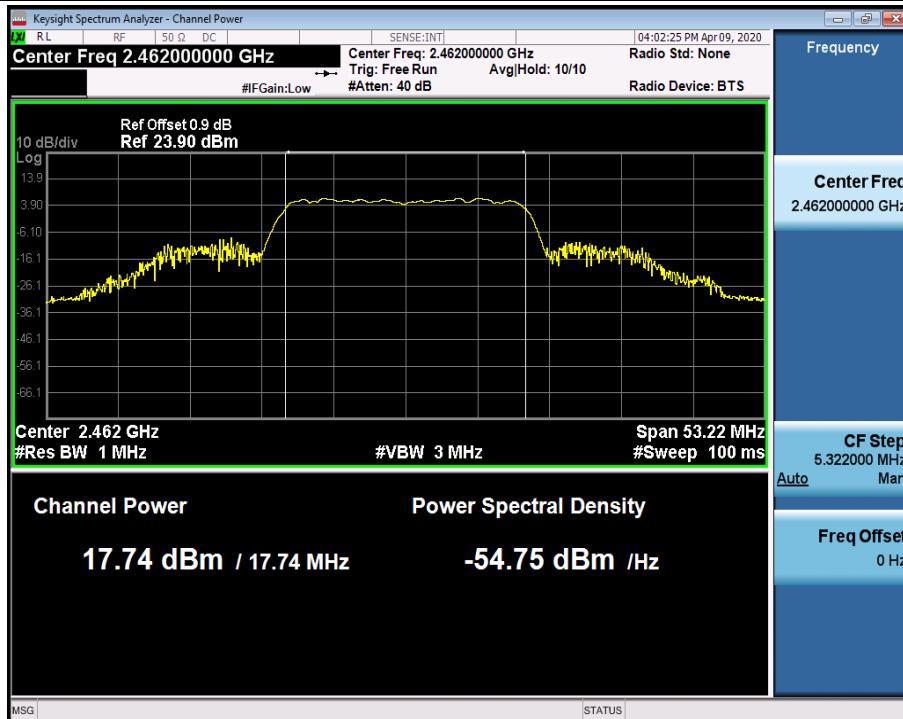
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## Maximum peak conducted output power\_11G\_2442\_Ant1



## Maximum peak conducted output power\_11G\_2462\_Ant1



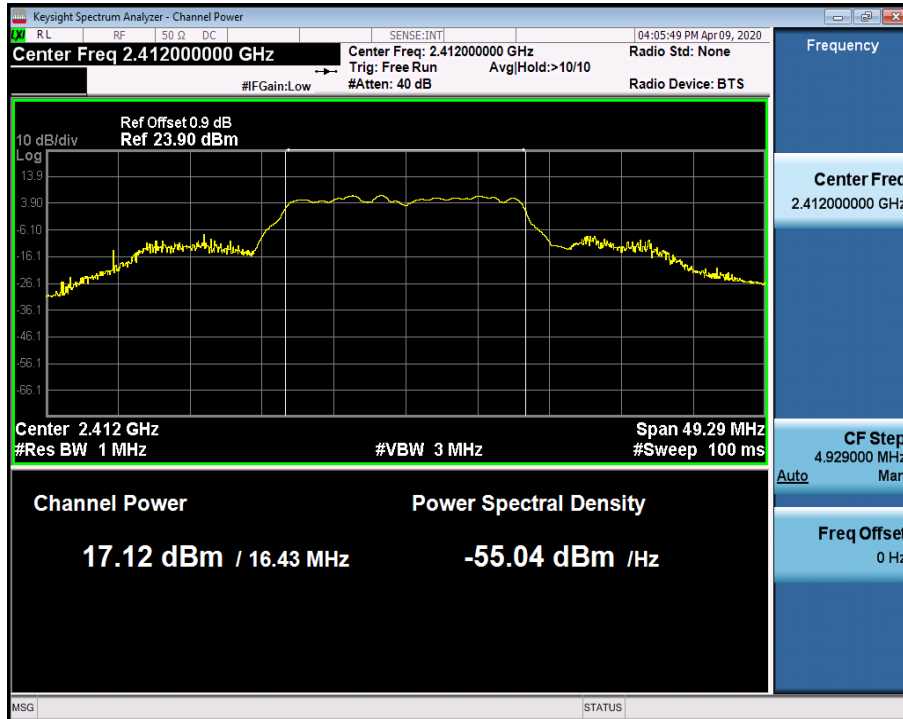
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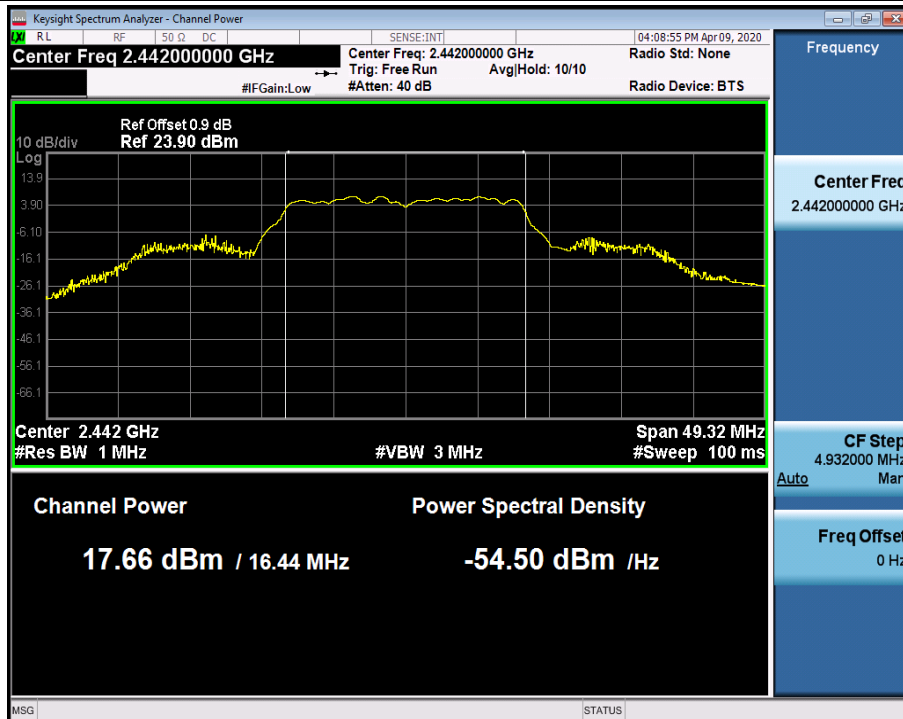
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## Maximum peak conducted output power\_11N20SISO\_2412\_Ant1



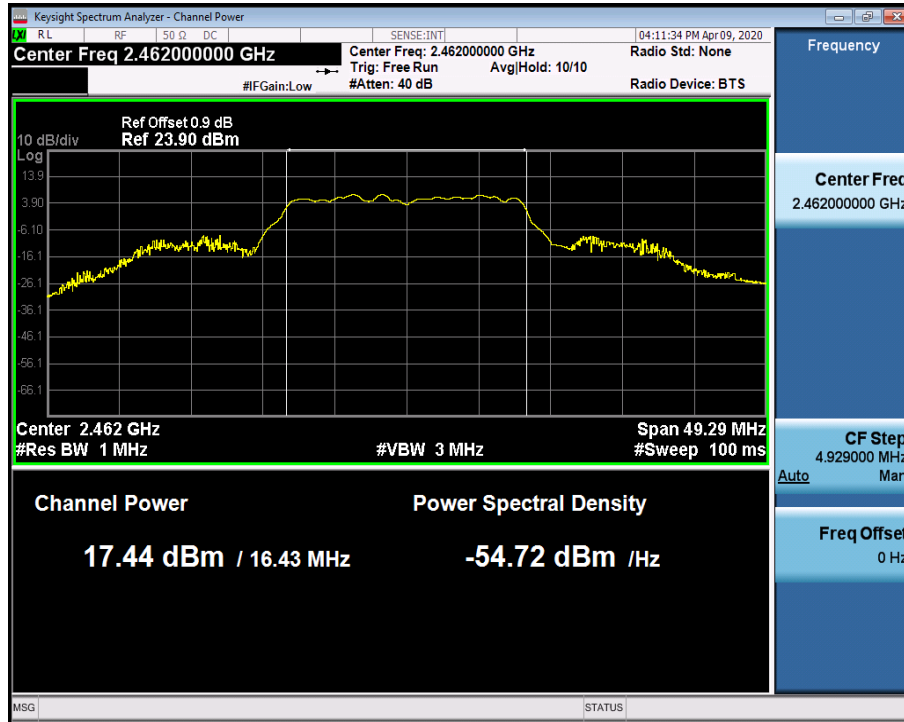
## Maximum peak conducted output power\_11N20SISO\_2442\_Ant1



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## Maximum peak conducted output power\_11N20SISO\_2462\_Ant1



### 3. Maximum Peak power spectral density

| Test Mode | Test Channel | Ant  | Result  | Limit[dBm/3kHz] | Verdict |
|-----------|--------------|------|---------|-----------------|---------|
| 11B       | 2412         | Ant1 | -8.478  | 8.00            | PASS    |
| 11B       | 2442         | Ant1 | -8.072  | 8.00            | PASS    |
| 11B       | 2462         | Ant1 | -8.411  | 8.00            | PASS    |
| 11G       | 2412         | Ant1 | -18.057 | 8.00            | PASS    |
| 11G       | 2442         | Ant1 | -16.903 | 8.00            | PASS    |
| 11G       | 2462         | Ant1 | -17.097 | 8.00            | PASS    |
| 11N20SISO | 2412         | Ant1 | -16.934 | 8.00            | PASS    |
| 11N20SISO | 2442         | Ant1 | -16.034 | 8.00            | PASS    |
| 11N20SISO | 2462         | Ant1 | -16.225 | 8.00            | PASS    |



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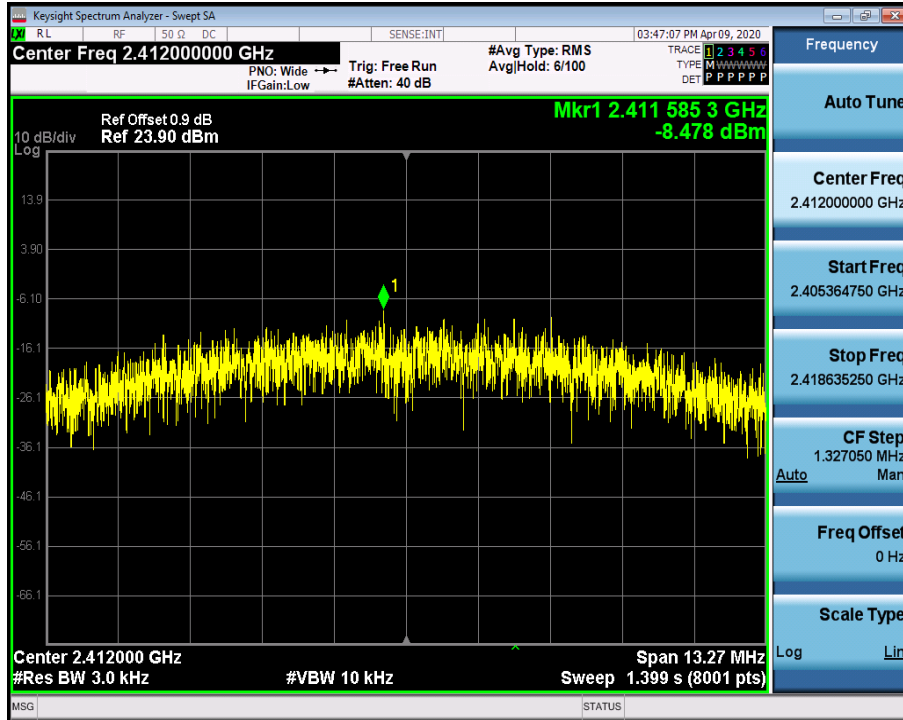
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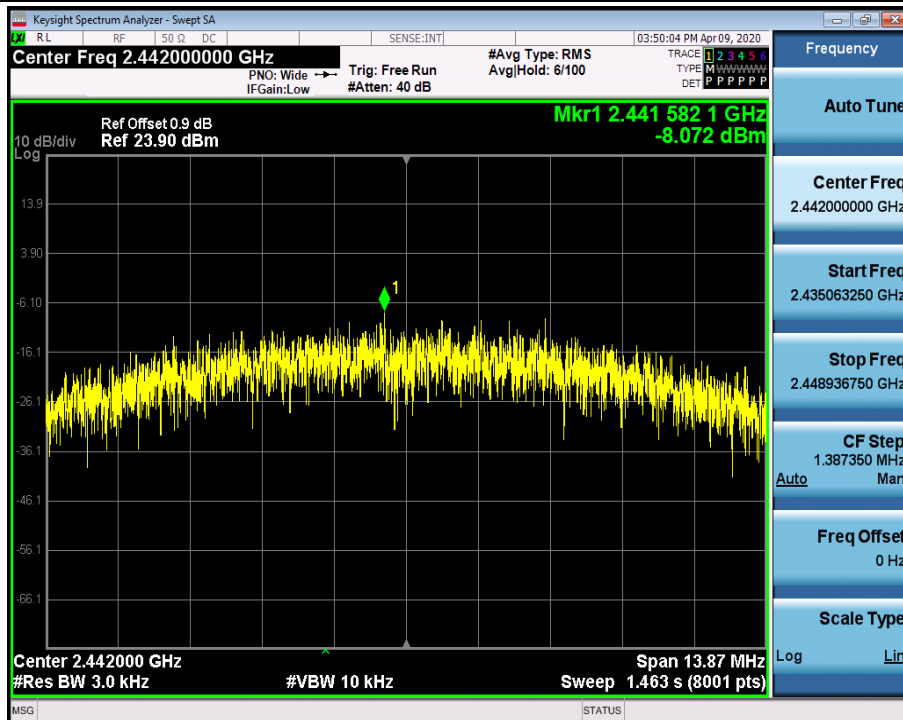
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## TEST PLOT

### Maximum Peak power spectral density\_11B\_2412\_Ant1



### Maximum Peak power spectral density\_11B\_2442\_Ant1



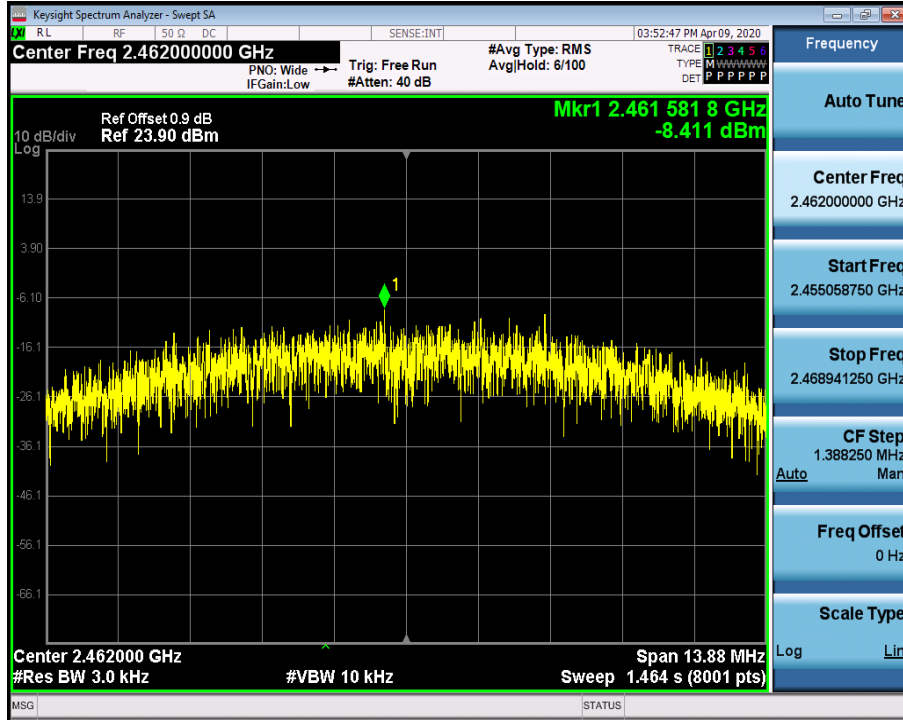
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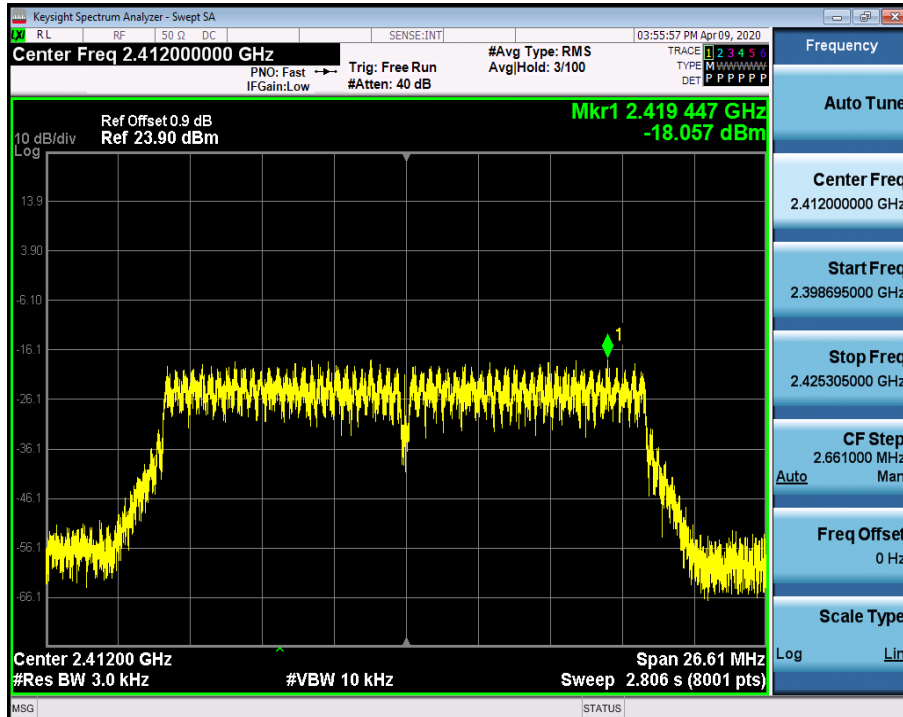
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## Maximum Peak power spectral density\_11B\_2462\_Ant1



## Maximum Peak power spectral density\_11G\_2412\_Ant1

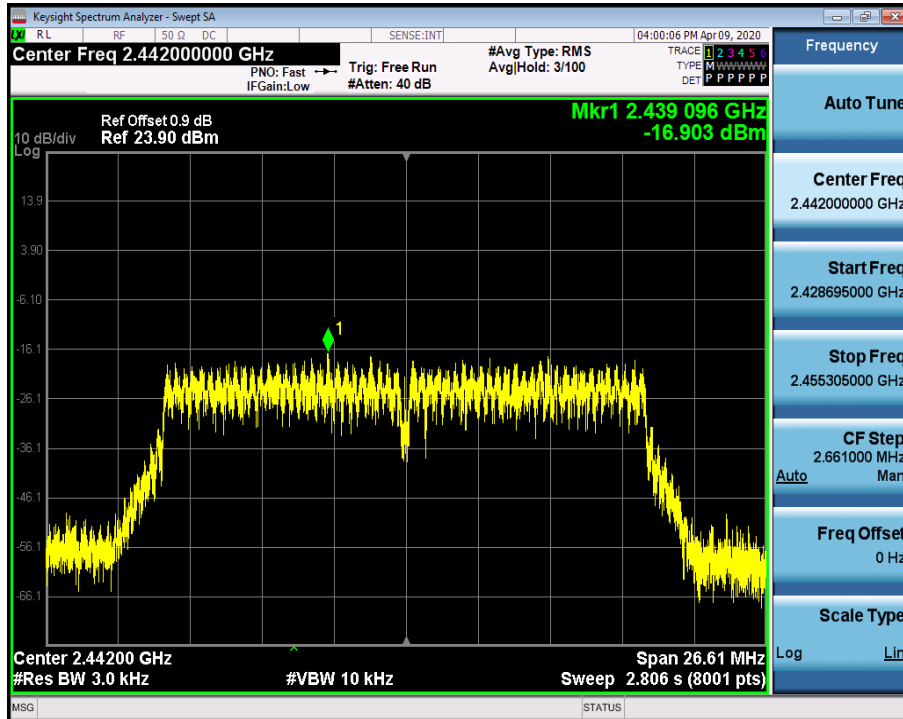


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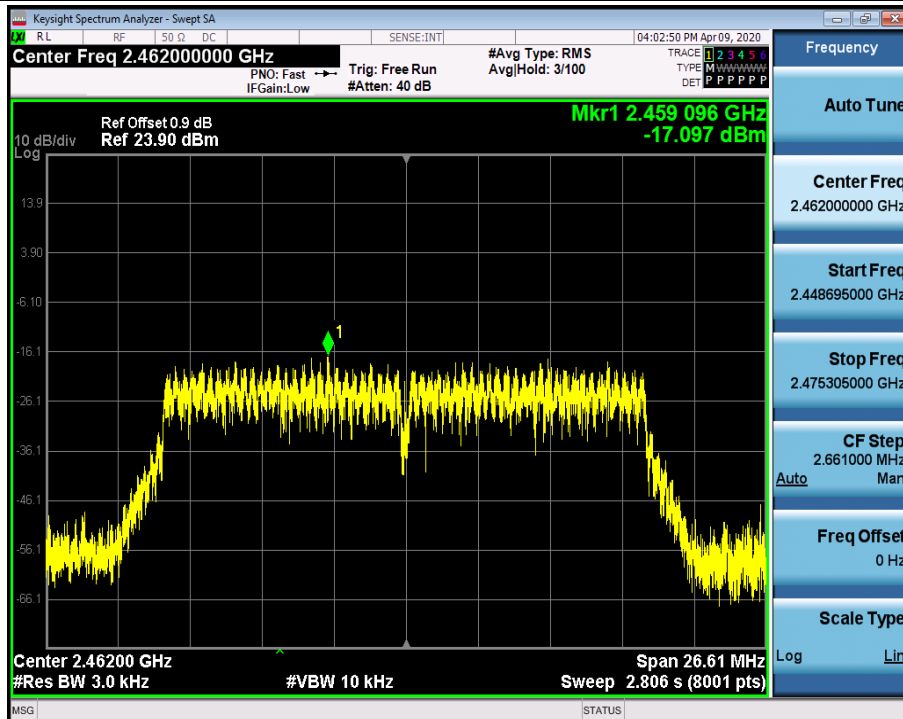
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## Maximum Peak power spectral density\_11G\_2442\_Ant1



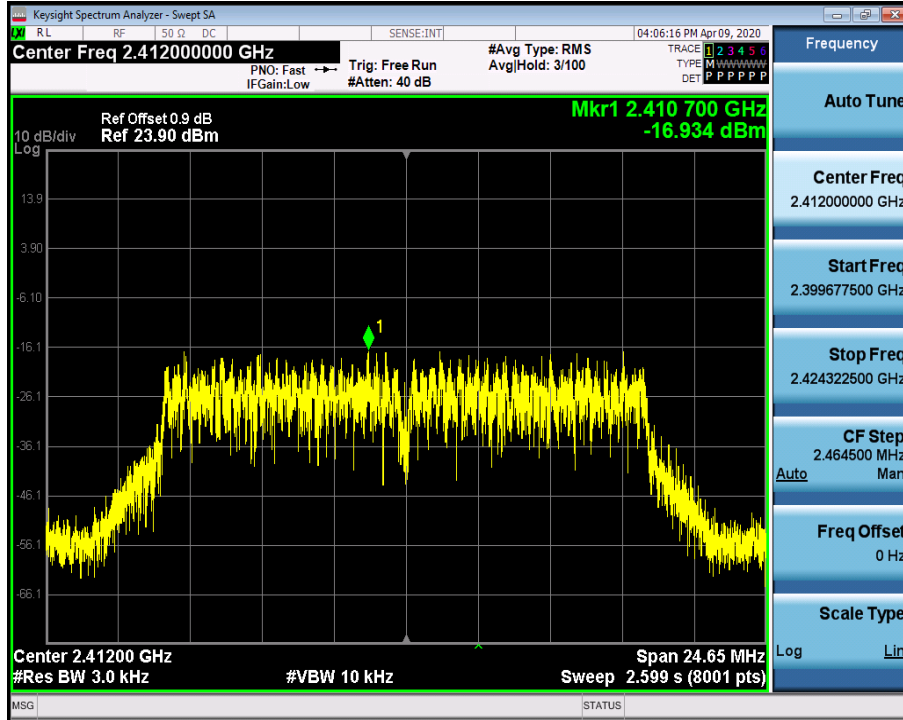
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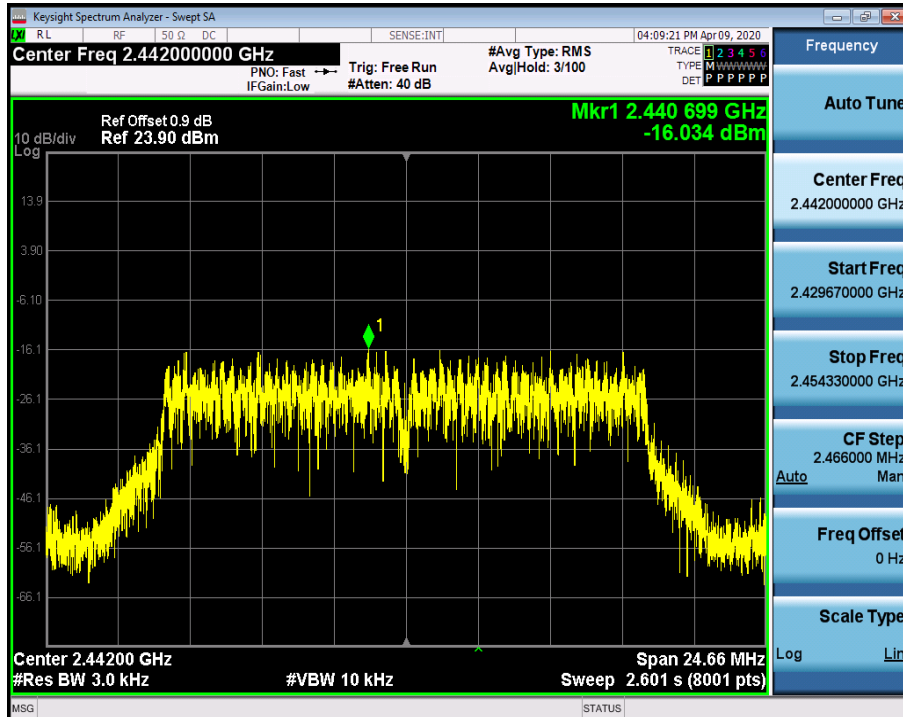
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## Maximum Peak power spectral density\_11N20SISO\_2412\_Ant1



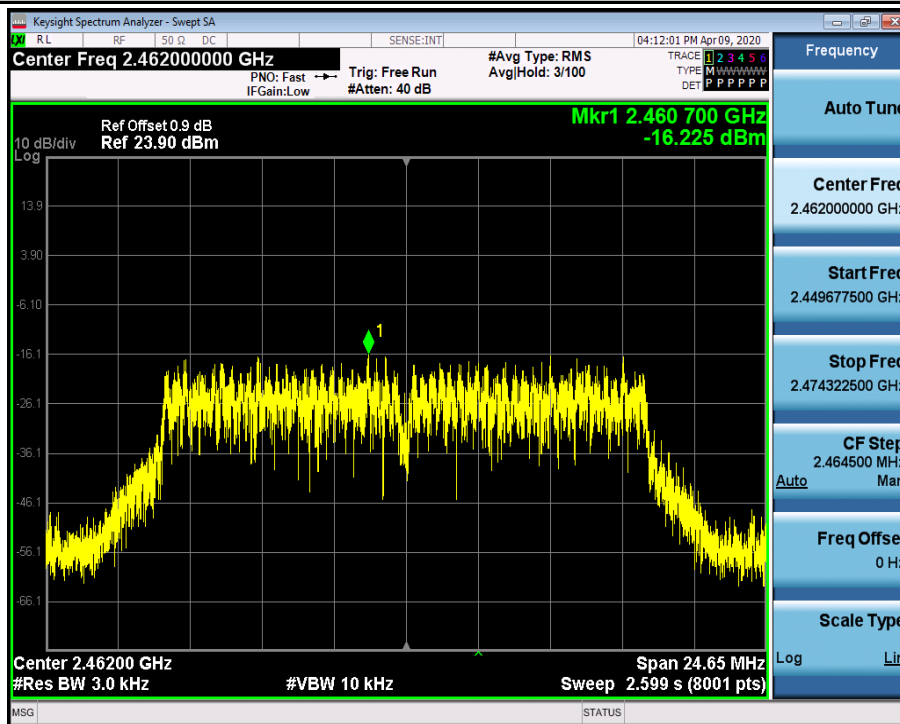
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## Maximum Peak power spectral density\_11N20SISO\_2462\_Ant1



### 4.Band-edge for RF Conducted Emissions

| Test Mode | Test Channel | Ant  | Carrier Power[dBm] | Max. Spurious Level [dBm] | Limit [dBm] | Verdict |
|-----------|--------------|------|--------------------|---------------------------|-------------|---------|
| 11B       | 2412         | Ant1 | 5.289              | -33.430                   | -14.71      | PASS    |
| 11B       | 2462         | Ant1 | 5.428              | -34.978                   | -14.57      | PASS    |
| 11G       | 2412         | Ant1 | -1.891             | -36.487                   | -21.89      | PASS    |
| 11G       | 2462         | Ant1 | -1.662             | -36.073                   | -21.66      | PASS    |
| 11N20SISO | 2412         | Ant1 | -1.701             | -35.544                   | -21.7       | PASS    |
| 11N20SISO | 2462         | Ant1 | -1.520             | -34.597                   | -21.52      | PASS    |



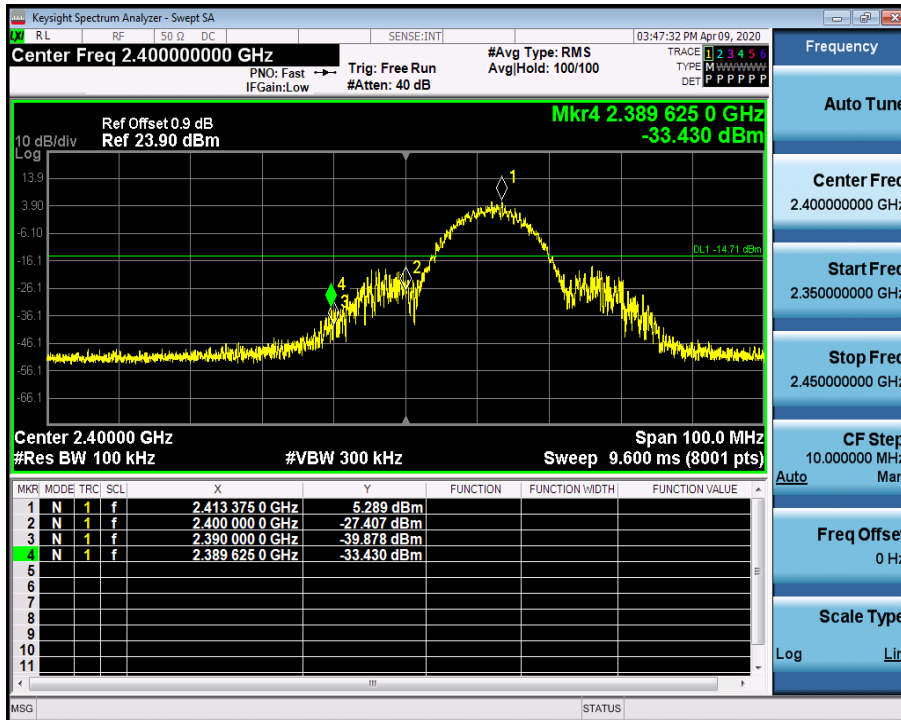
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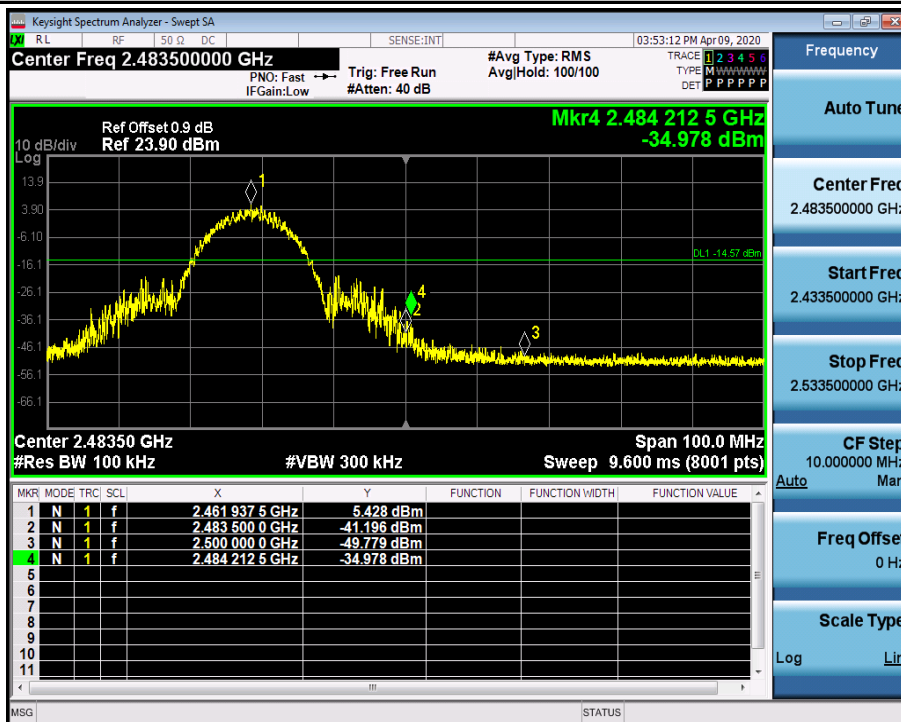
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## TEST PLOT

### Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1



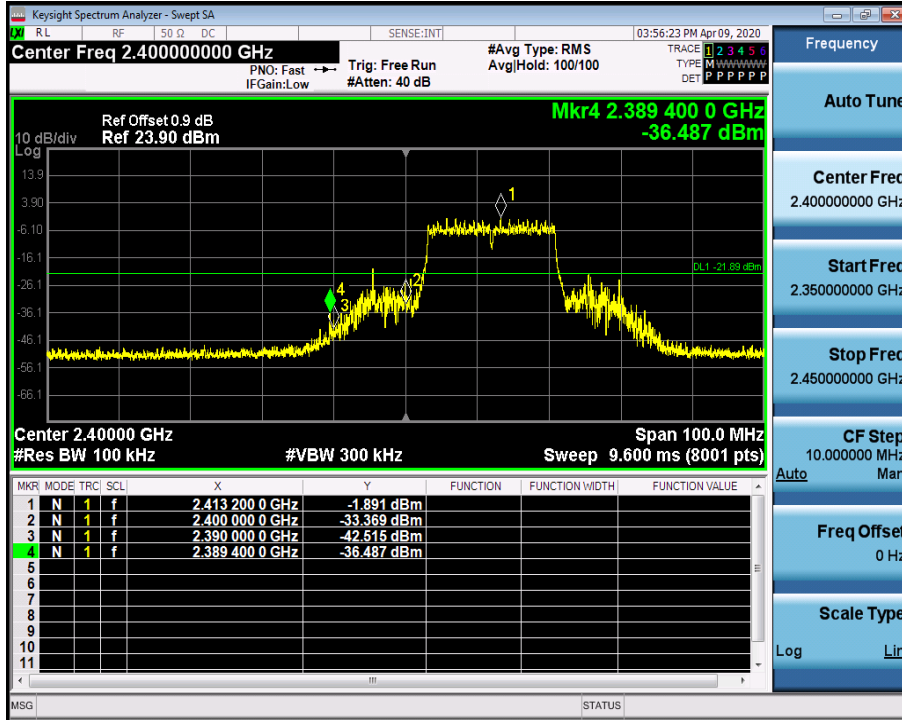
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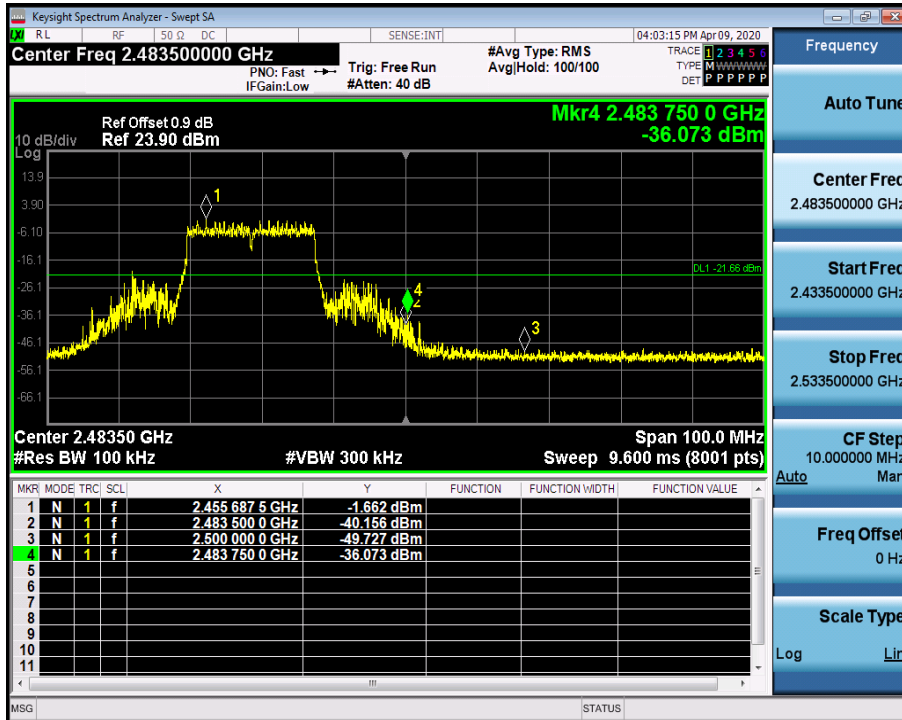
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## Band-edge for RF Conducted Emissions\_11G\_2412\_Ant1



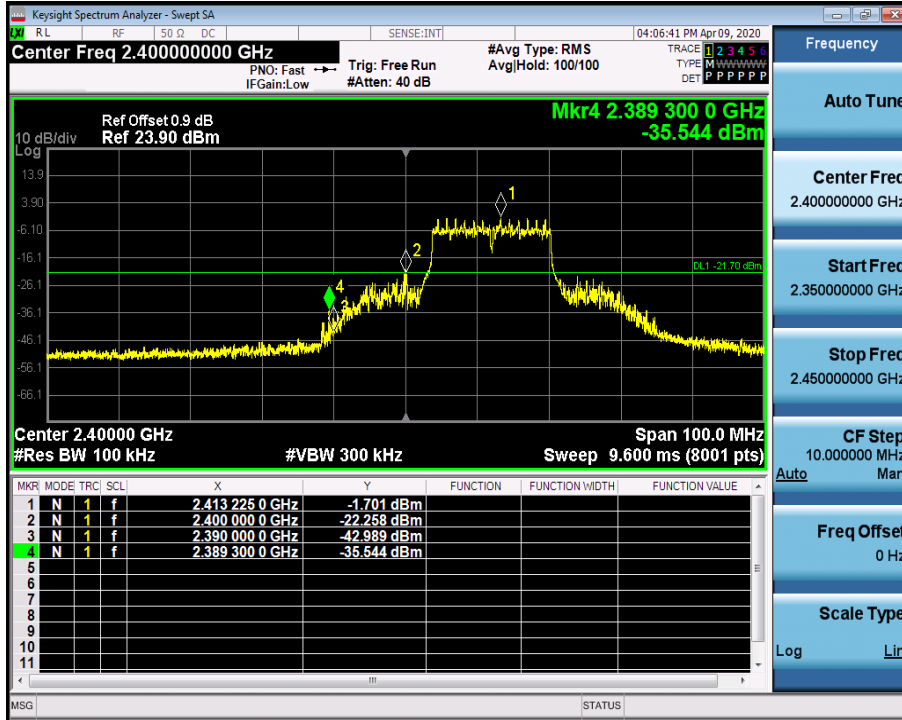
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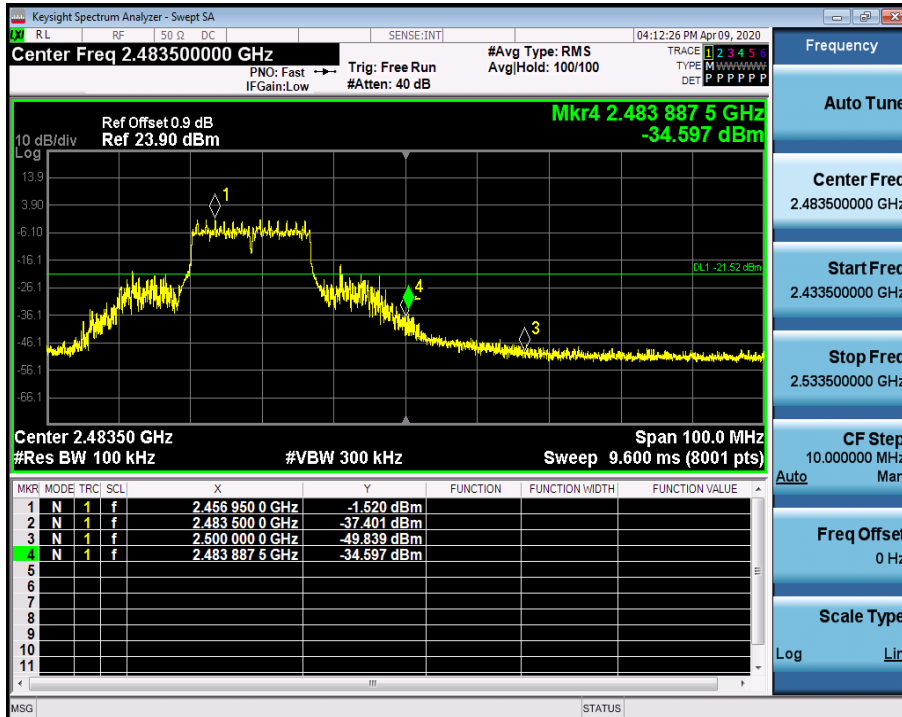
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## Band-edge for RF Conducted Emissions\_11N20SISO\_2412\_Ant1



## Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Ant1



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## 5.RF Conducted Spurious Emissions

| Test Mode | Test Channel | Ant  | StartFre [MHz] | StopFre [MHz] | RBW [kHz] | VBW [kHz] | Pref[dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|-----------|--------------|------|----------------|---------------|-----------|-----------|-----------|------------------|-------------|---------|
| 11B       | 2412         | Ant1 | 30             | 10000         | 100       | 300       | 5.251     | -50.193          | <-14.749    | PASS    |
| 11B       | 2412         | Ant1 | 10000          | 26000         | 100       | 300       | 5.251     | -52.260          | <-14.749    | PASS    |
| 11B       | 2442         | Ant1 | 30             | 10000         | 100       | 300       | 5.682     | -45.421          | <-14.318    | PASS    |
| 11B       | 2442         | Ant1 | 10000          | 26000         | 100       | 300       | 5.682     | -51.325          | <-14.318    | PASS    |
| 11B       | 2462         | Ant1 | 30             | 10000         | 100       | 300       | 5.398     | -52.645          | <-14.602    | PASS    |
| 11B       | 2462         | Ant1 | 10000          | 26000         | 100       | 300       | 5.398     | -51.657          | <-14.602    | PASS    |
| 11G       | 2412         | Ant1 | 30             | 10000         | 100       | 300       | -1.804    | -54.447          | <-21.804    | PASS    |
| 11G       | 2412         | Ant1 | 10000          | 26000         | 100       | 300       | -1.804    | -51.357          | <-21.804    | PASS    |
| 11G       | 2442         | Ant1 | 30             | 10000         | 100       | 300       | -1.41     | -54.584          | <-21.41     | PASS    |
| 11G       | 2442         | Ant1 | 10000          | 26000         | 100       | 300       | -1.41     | -51.656          | <-21.41     | PASS    |
| 11G       | 2462         | Ant1 | 30             | 10000         | 100       | 300       | -1.541    | -54.241          | <-21.541    | PASS    |
| 11G       | 2462         | Ant1 | 10000          | 26000         | 100       | 300       | -1.541    | -51.266          | <-21.541    | PASS    |
| 11N20SISO | 2412         | Ant1 | 30             | 10000         | 100       | 300       | -1.74     | -54.483          | <-21.74     | PASS    |
| 11N20SISO | 2412         | Ant1 | 10000          | 26000         | 100       | 300       | -1.74     | -51.333          | <-21.74     | PASS    |
| 11N20SISO | 2442         | Ant1 | 30             | 10000         | 100       | 300       | -1.137    | -53.507          | <-21.137    | PASS    |
| 11N20SISO | 2442         | Ant1 | 10000          | 26000         | 100       | 300       | -1.137    | -51.539          | <-21.137    | PASS    |
| 11N20SISO | 2462         | Ant1 | 30             | 10000         | 100       | 300       | -1.374    | -54.544          | <-21.374    | PASS    |
| 11N20SISO | 2462         | Ant1 | 10000          | 26000         | 100       | 300       | -1.374    | -52.084          | <-21.374    | PASS    |



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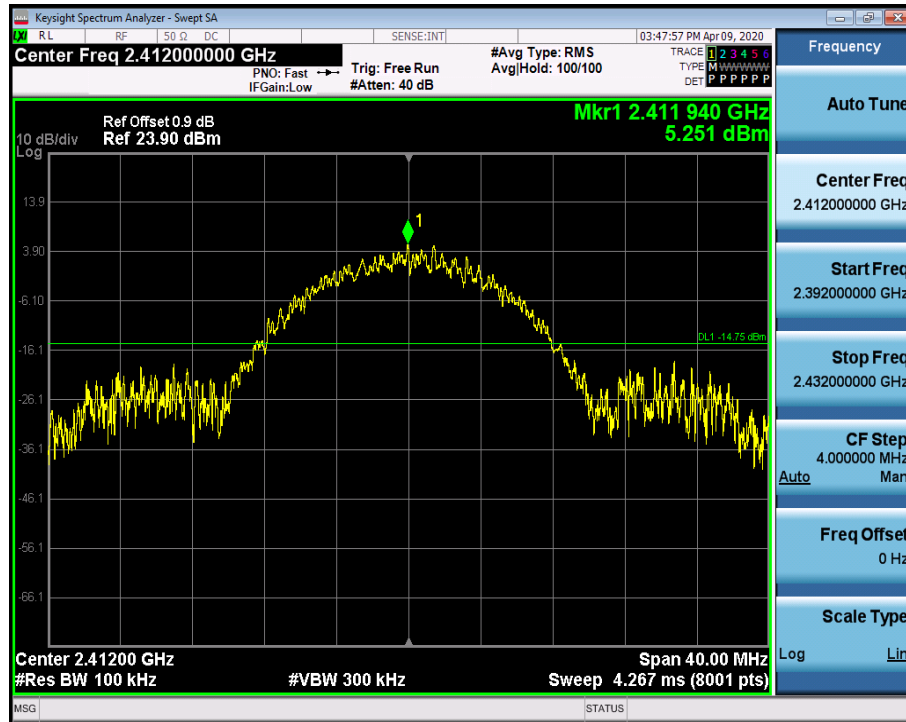
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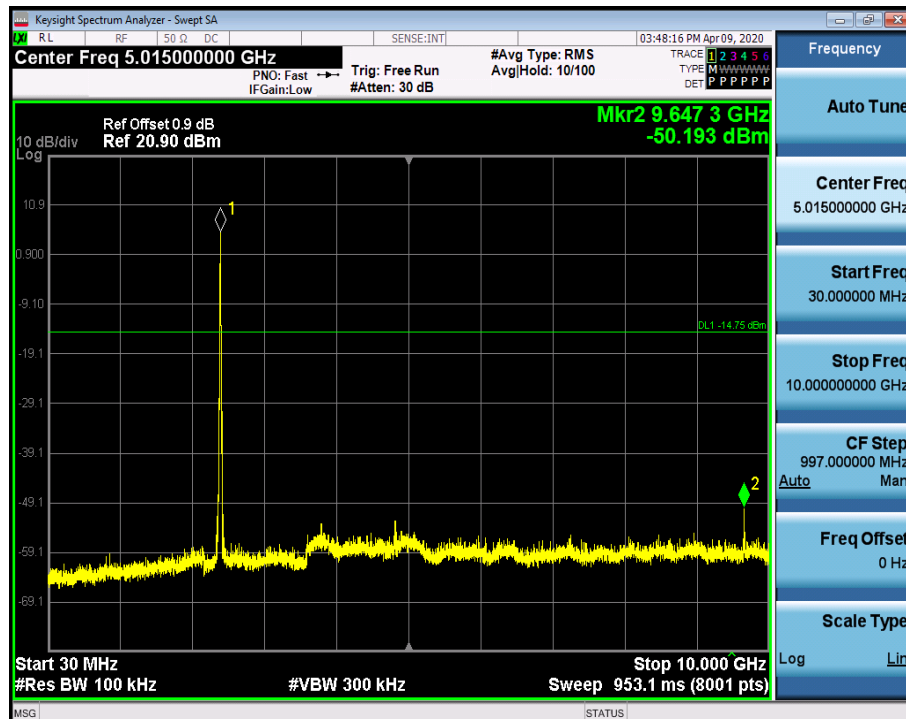
## TEST PLOT

### RF Conducted Spurious Emissions\_11B\_2412\_Ant1

Pref



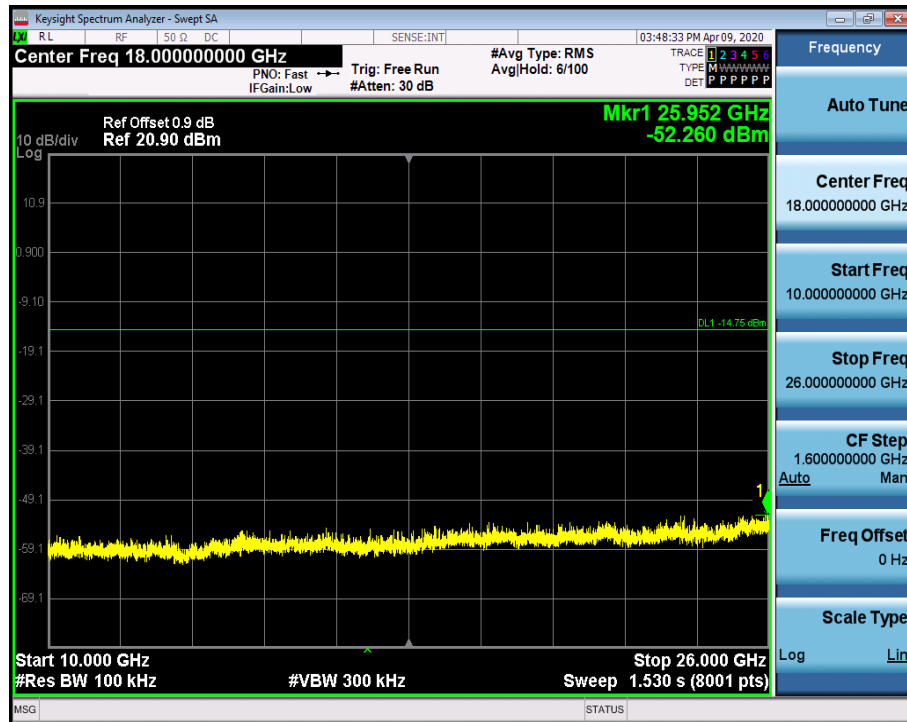
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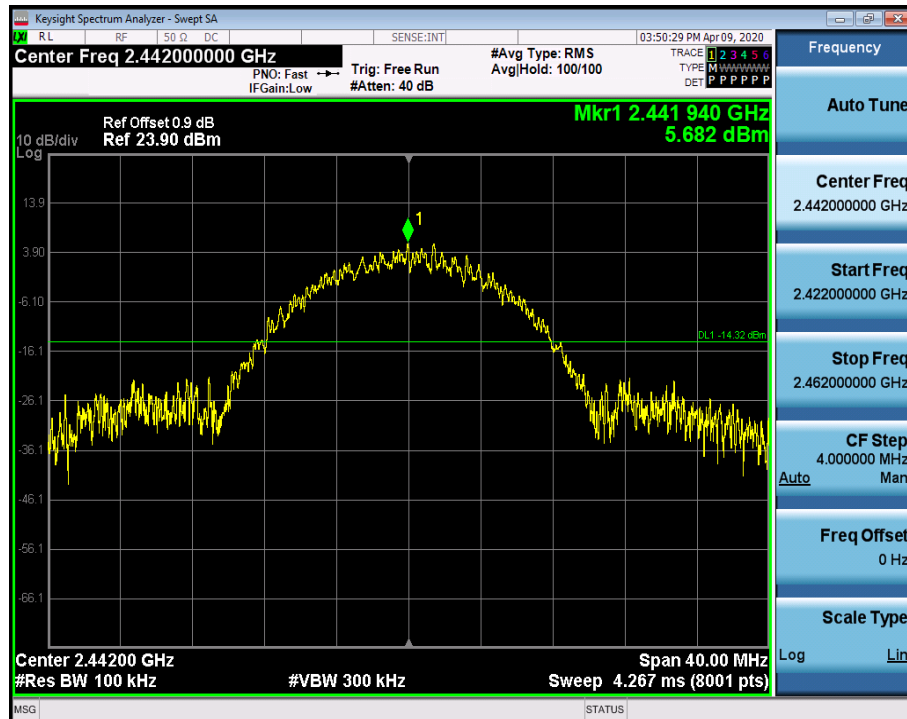
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CSE\_2



RF Conducted Spurious Emissions\_11B\_2442\_Ant1

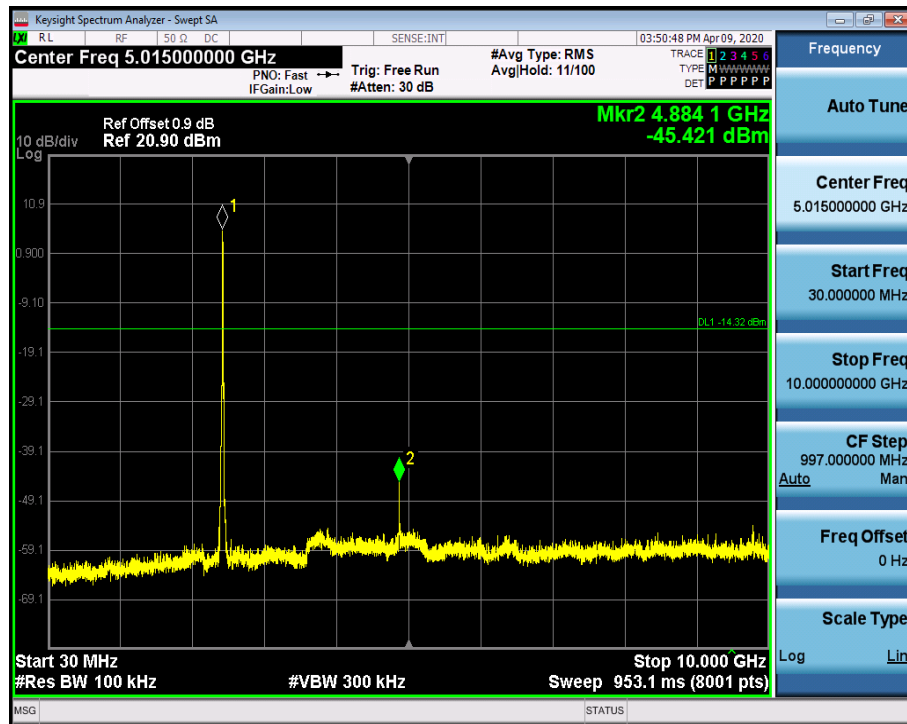
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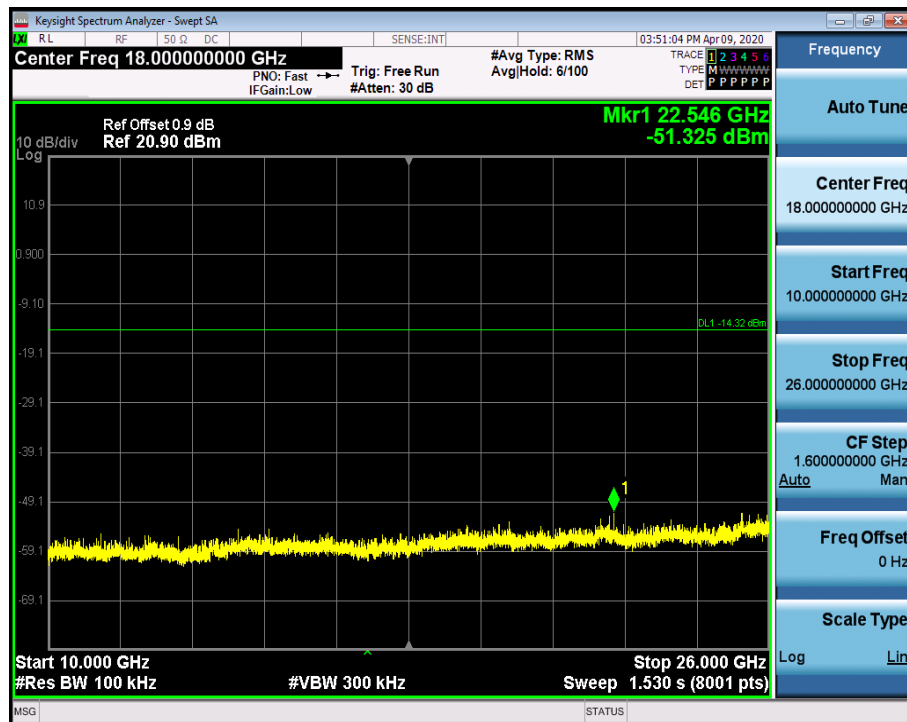
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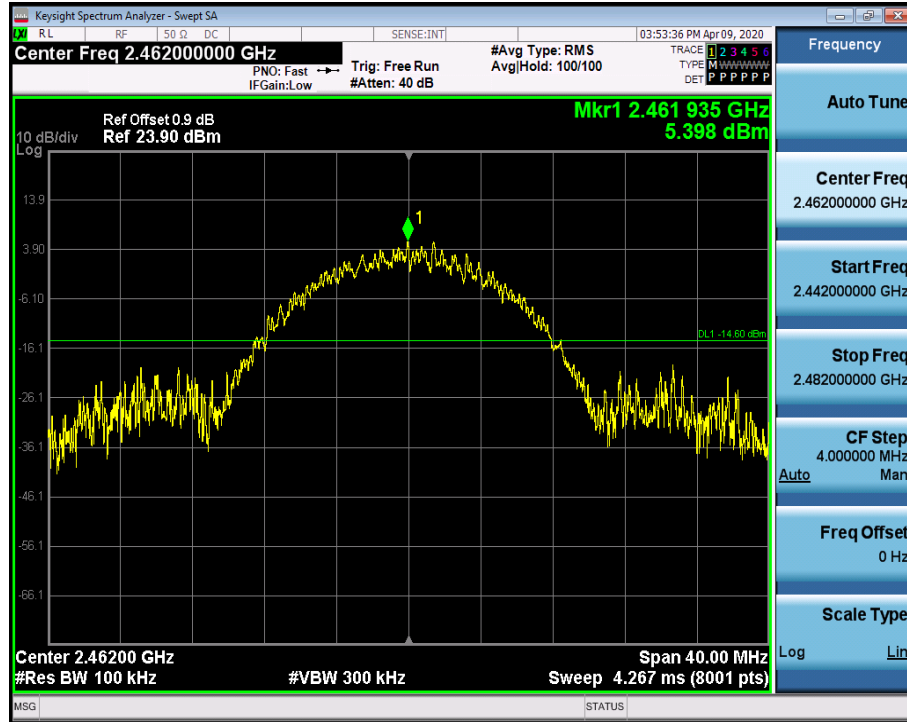
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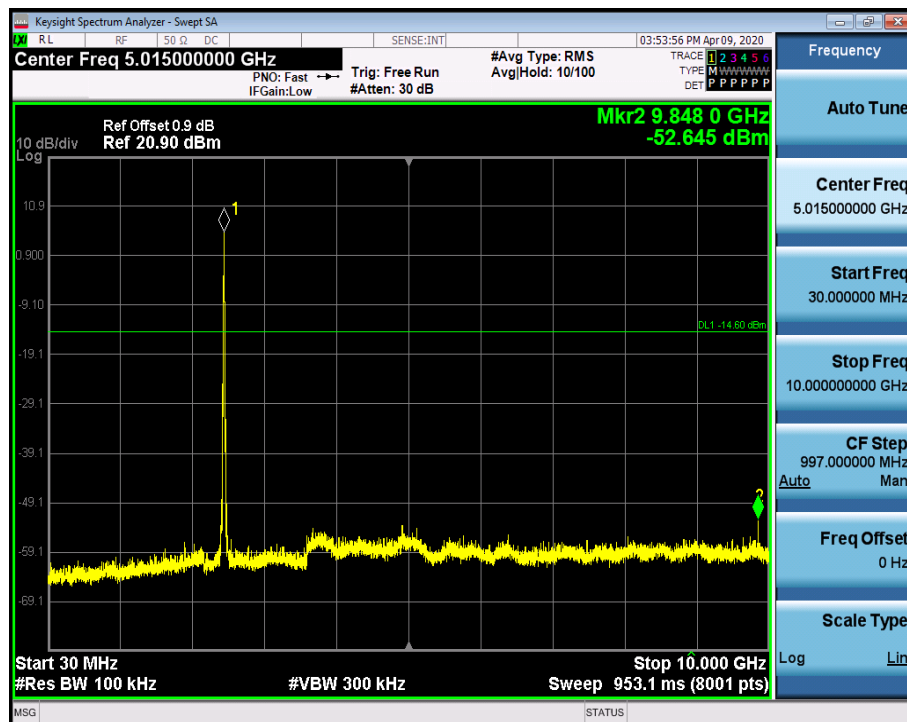
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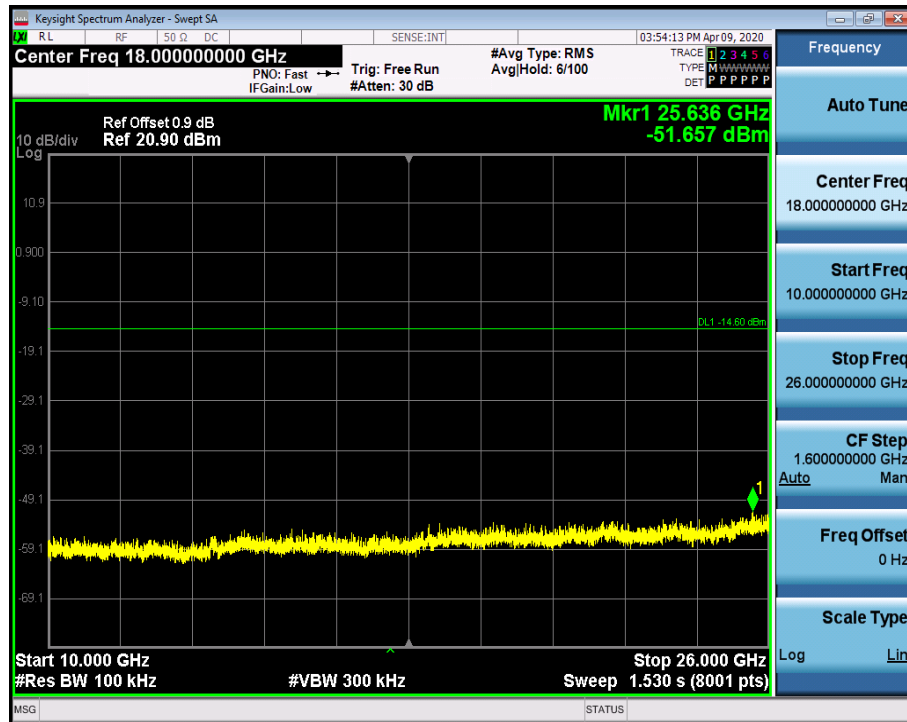
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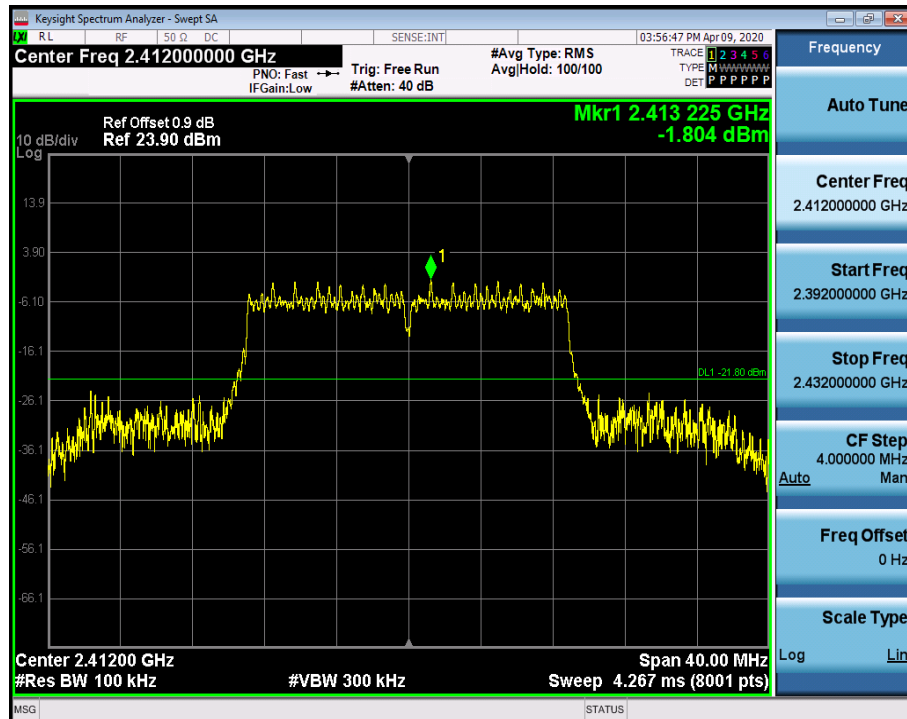
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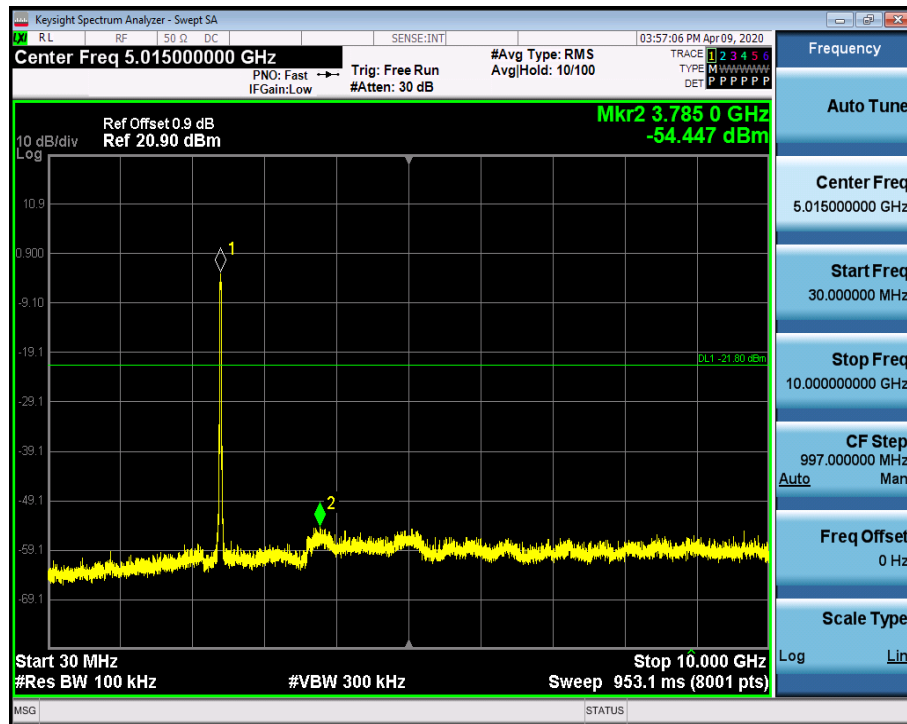
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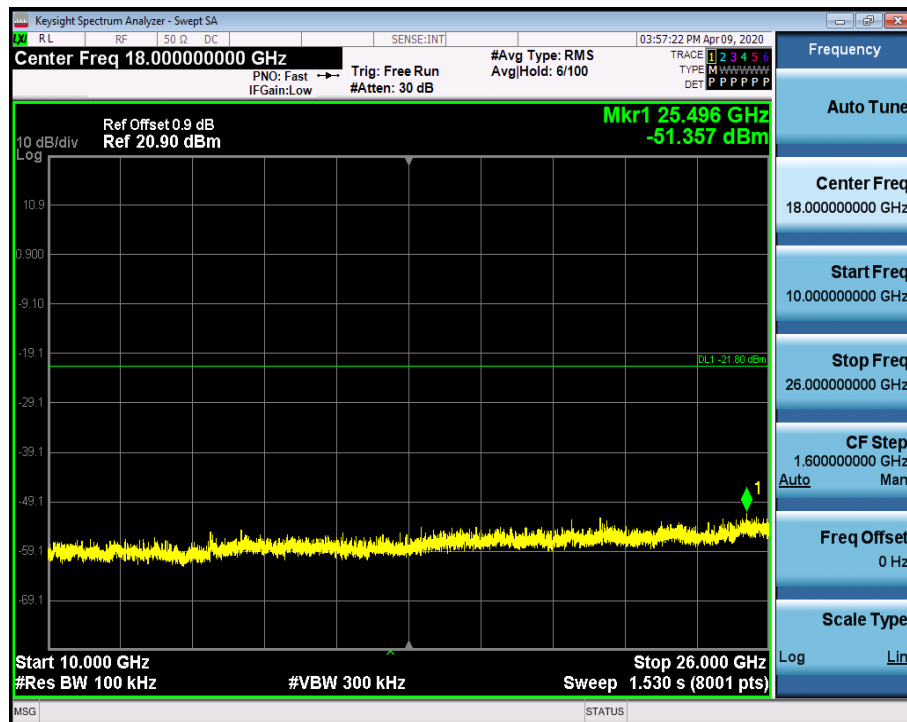
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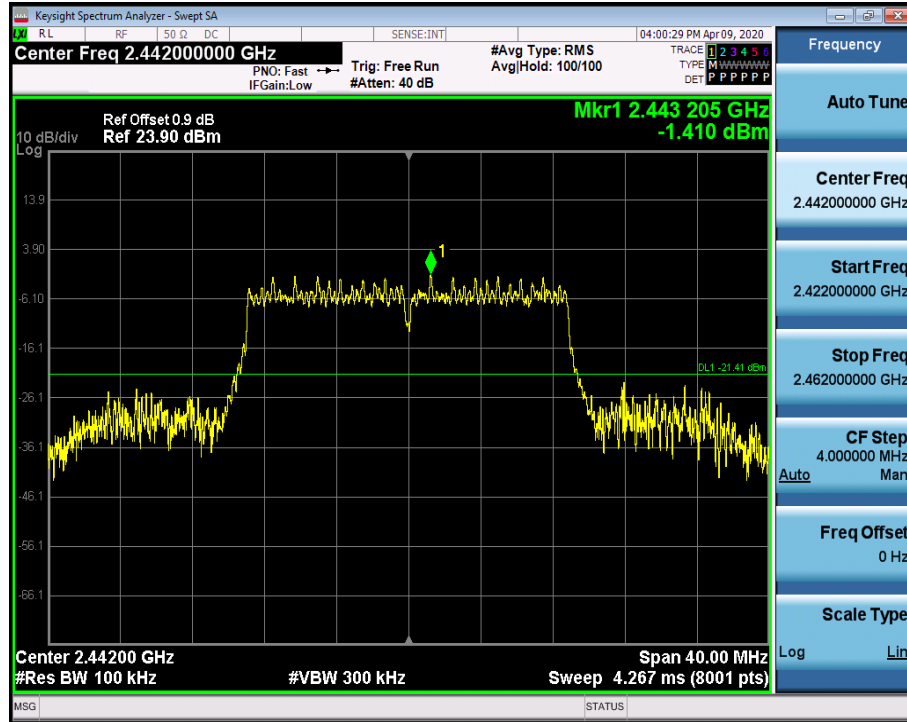
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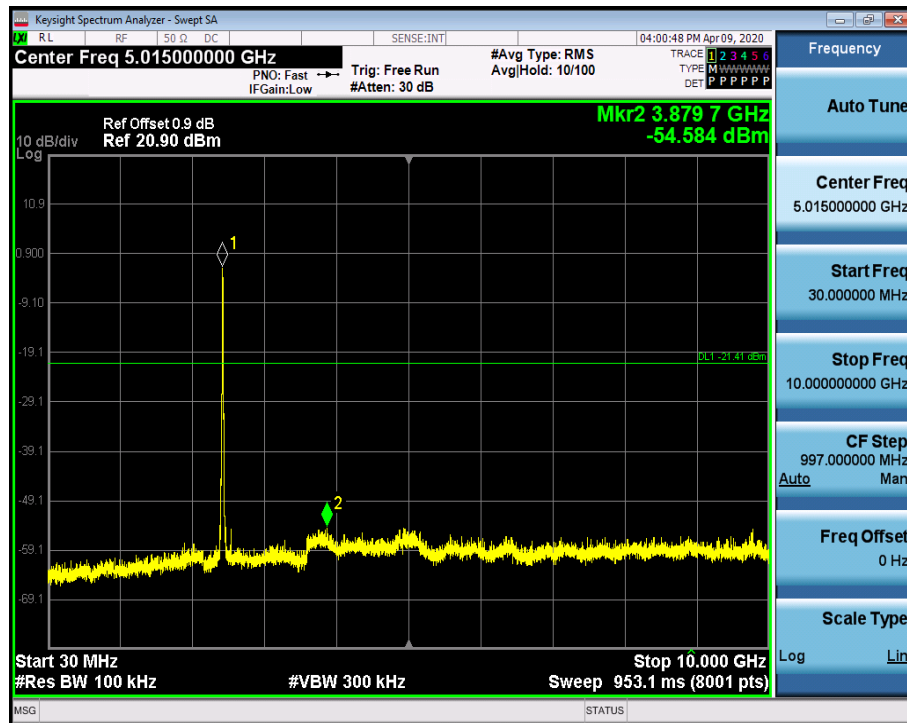
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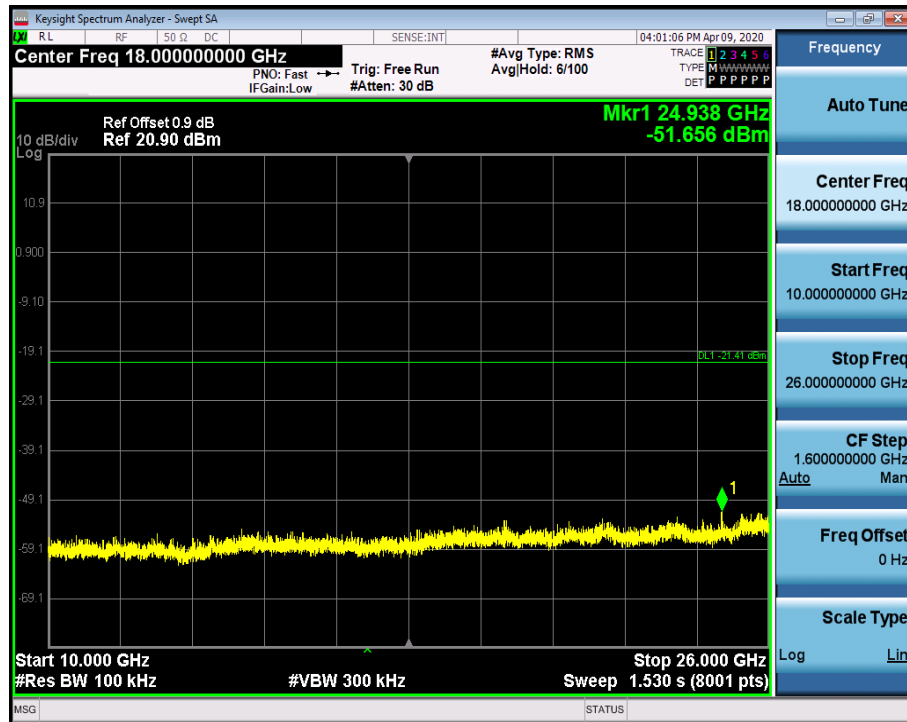
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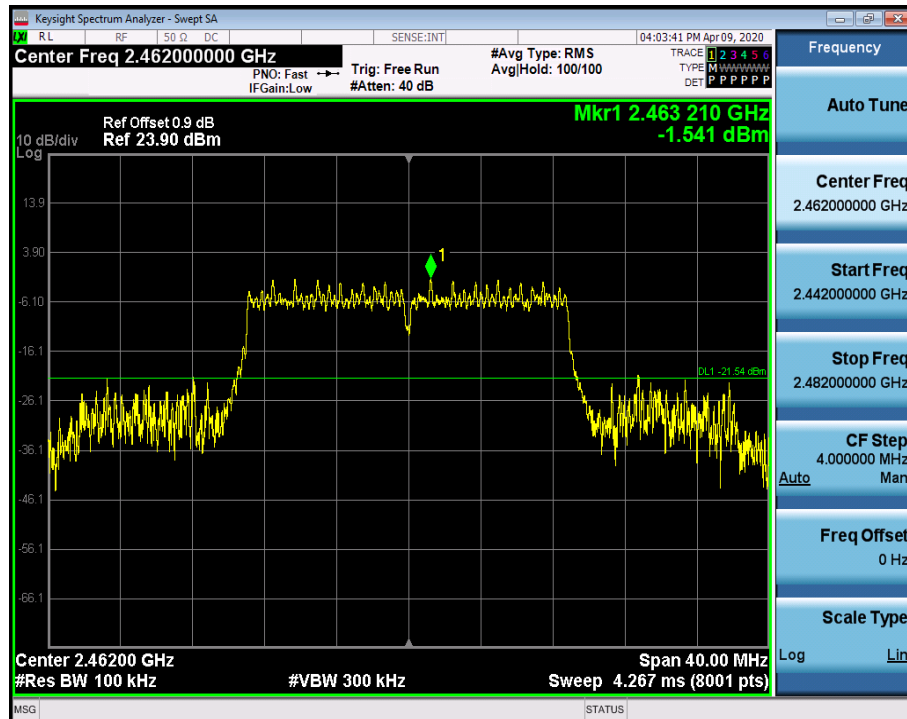
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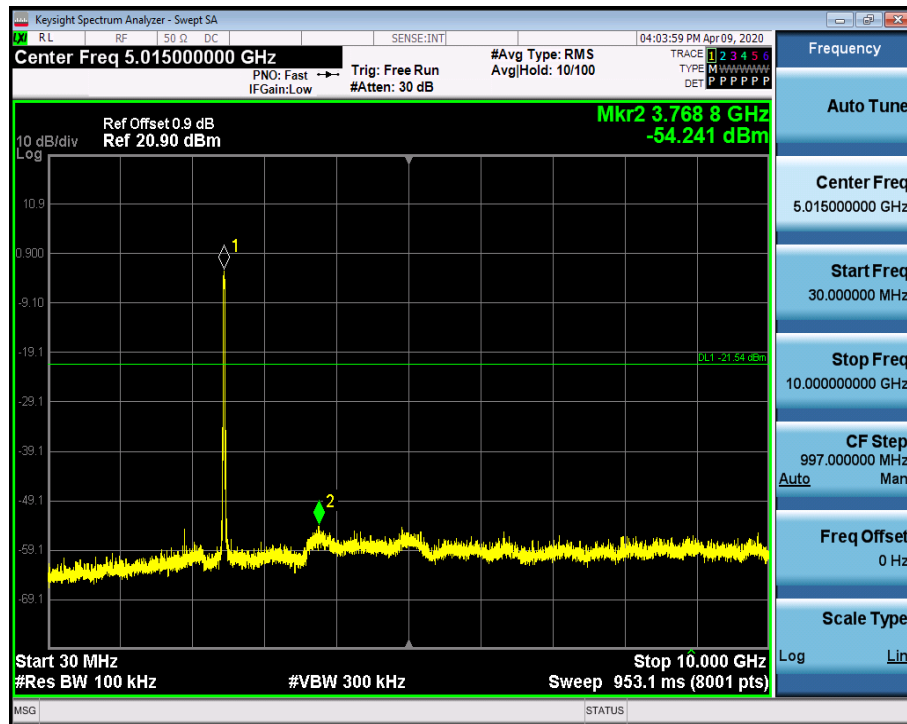


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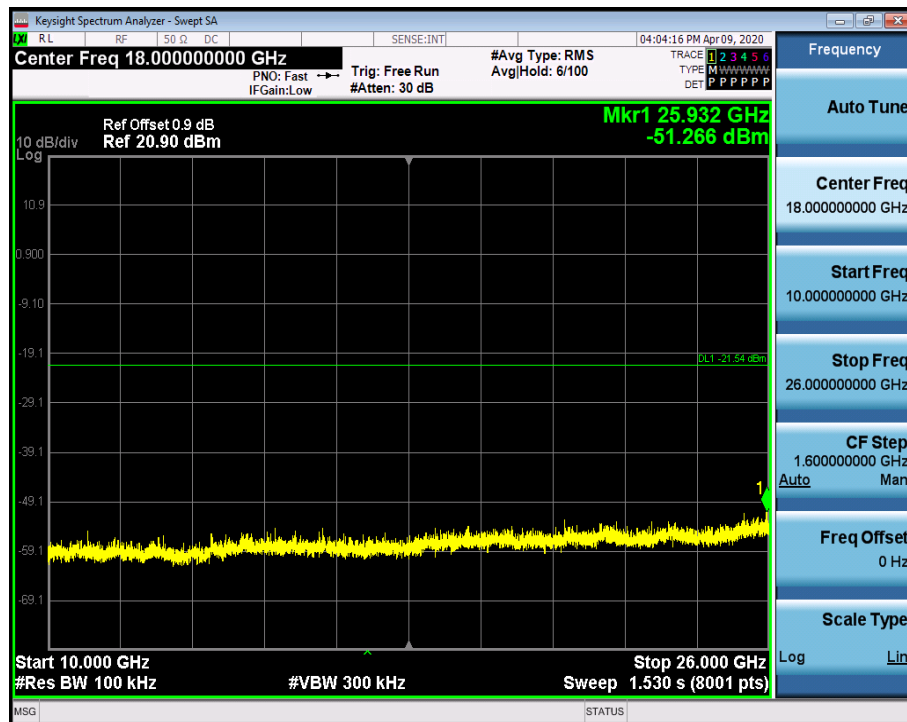
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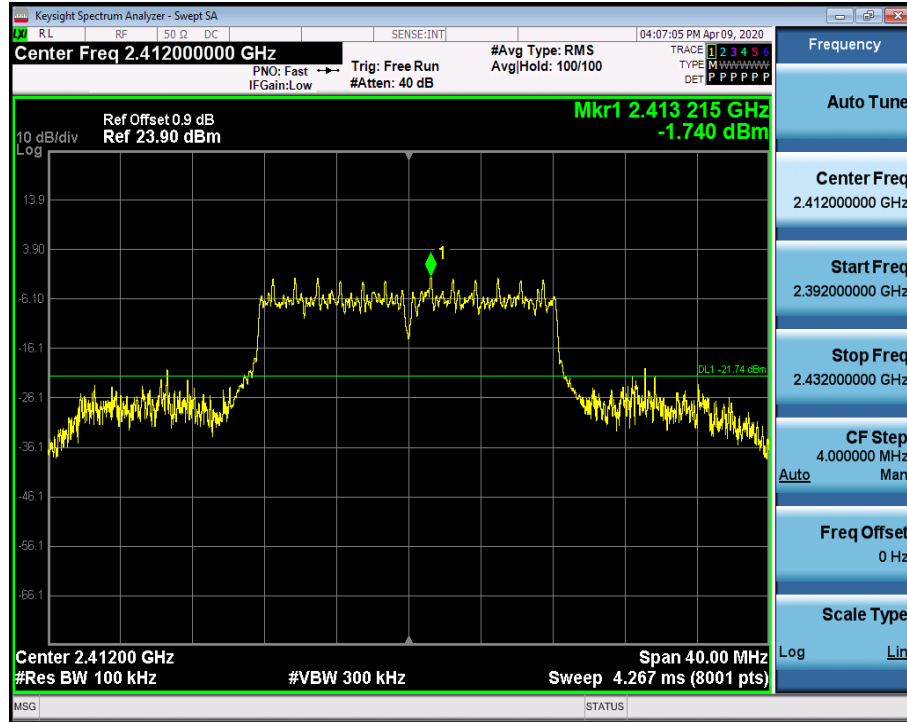
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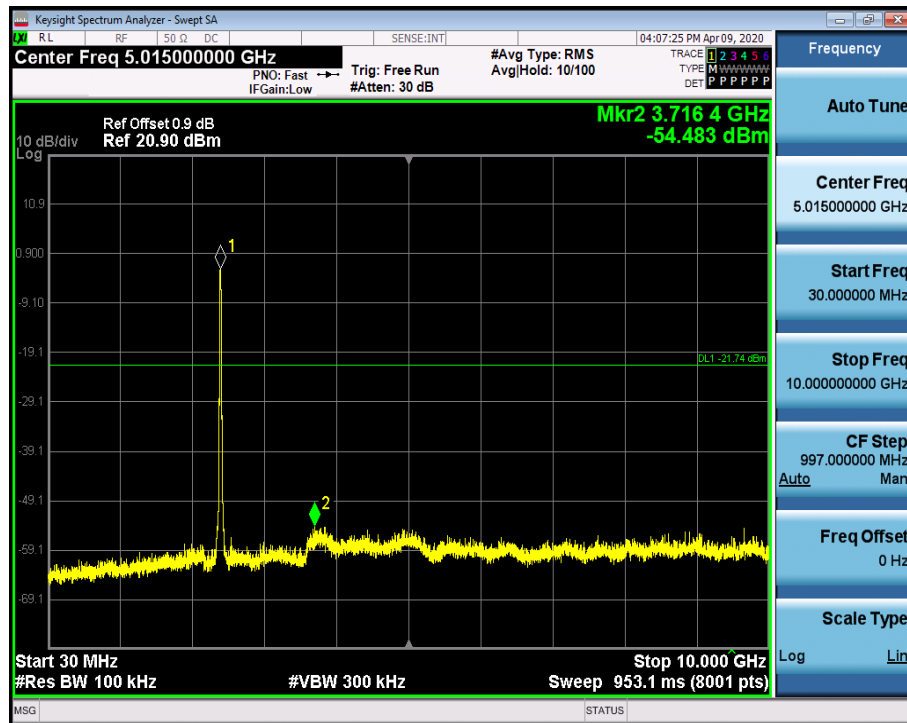
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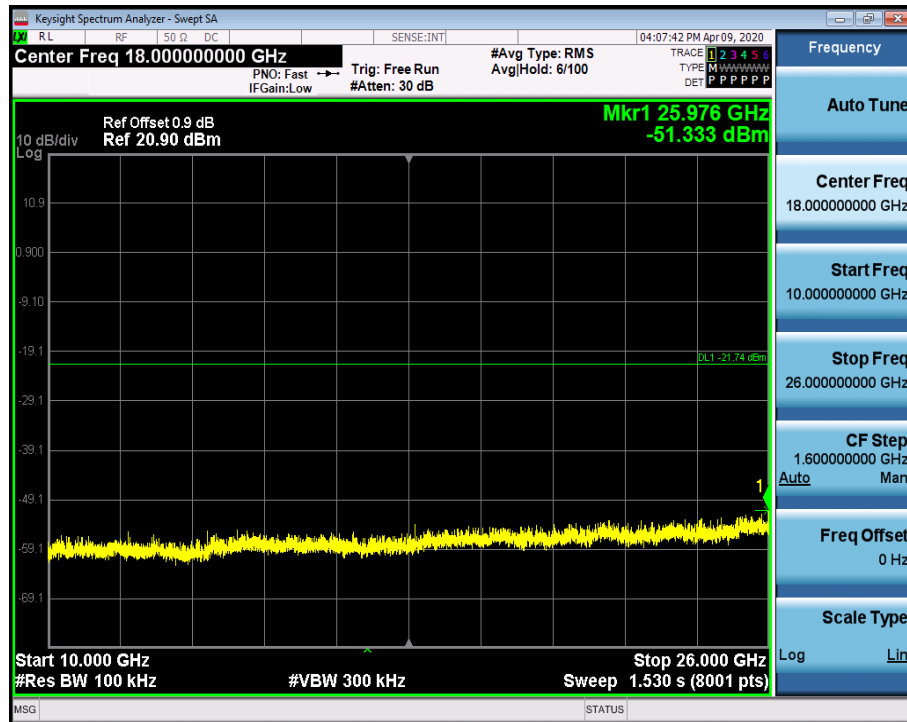
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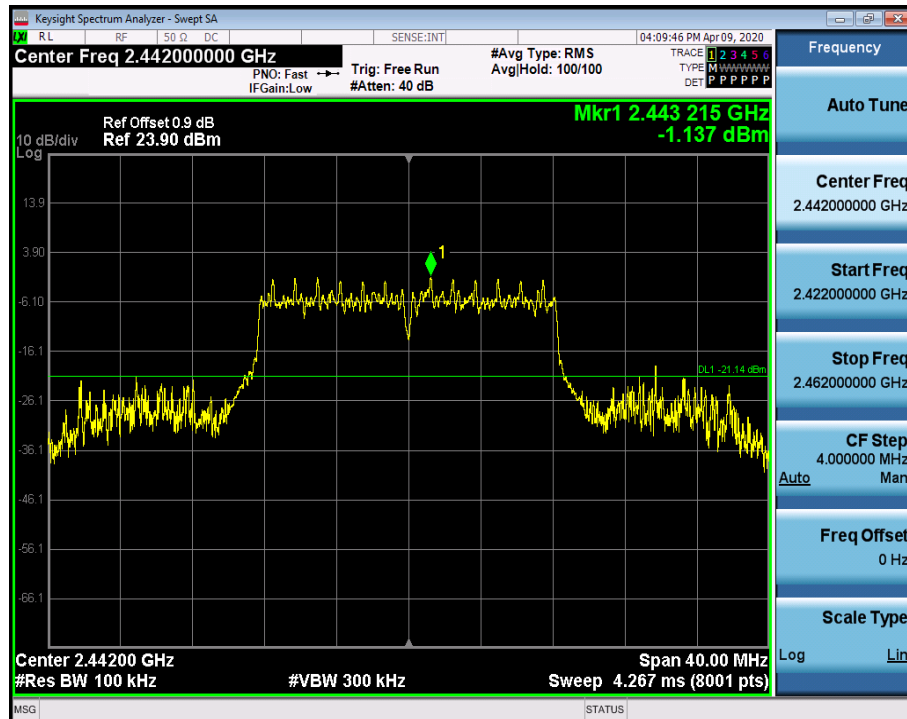
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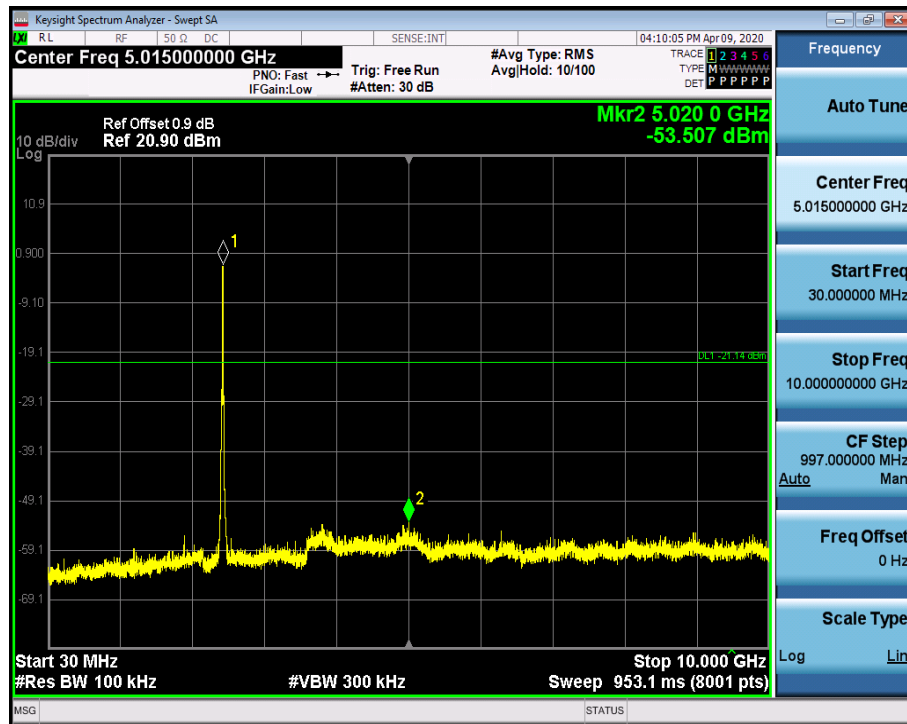


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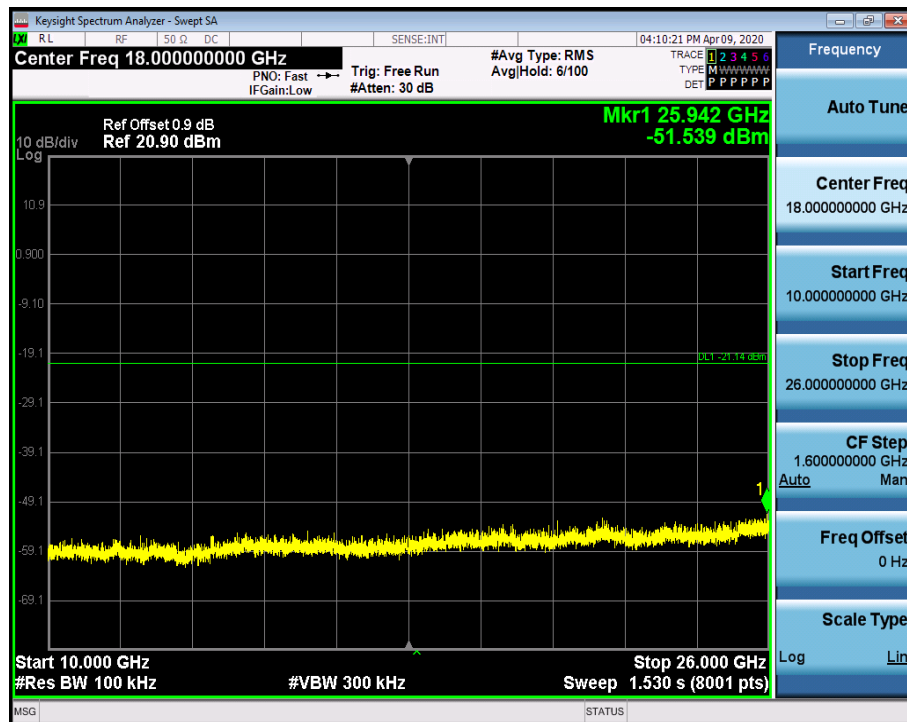
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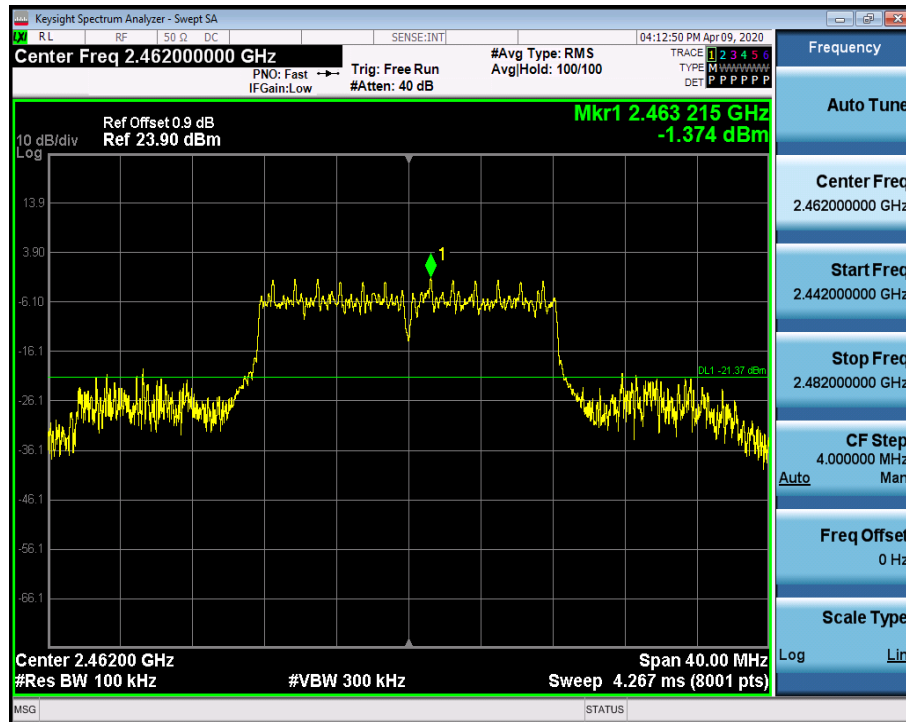


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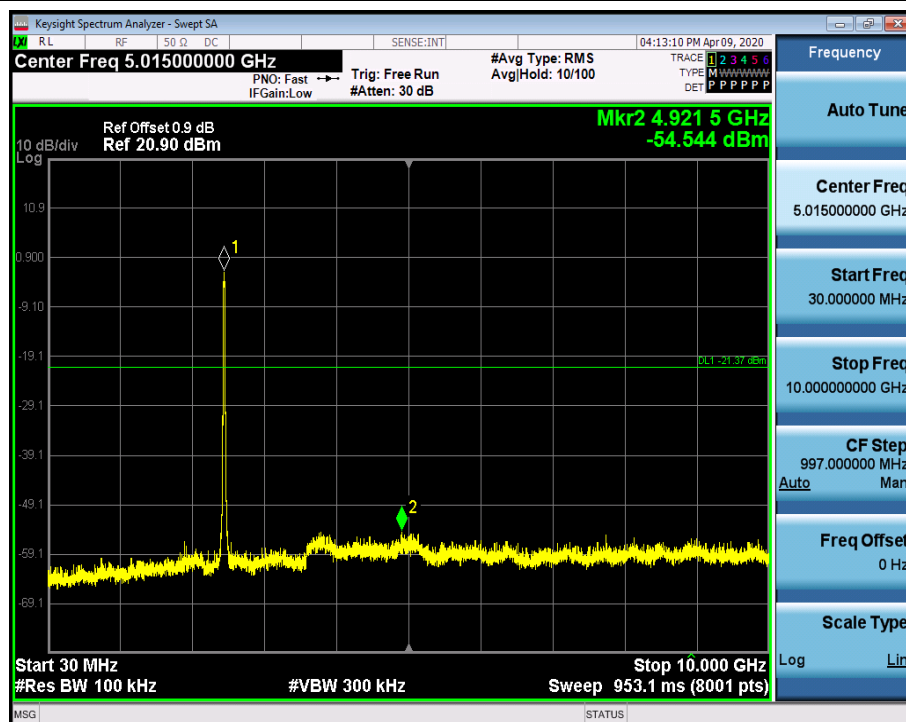
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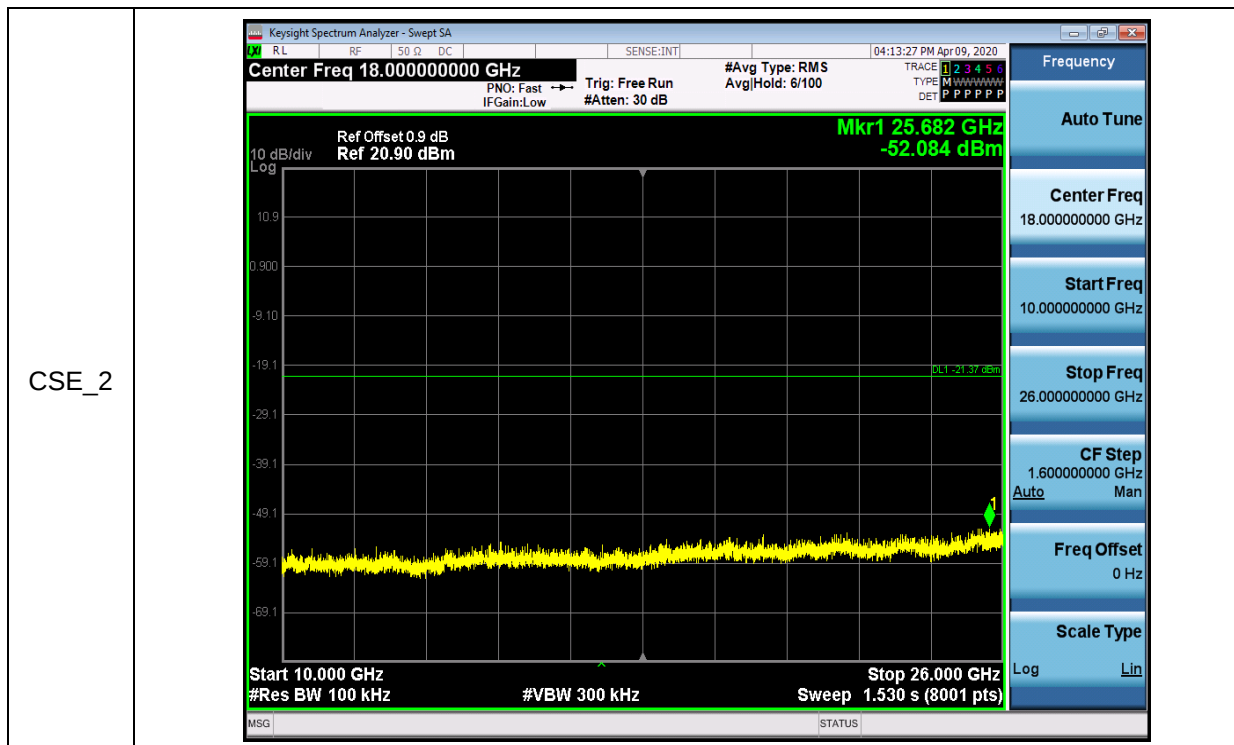


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--End of Report--



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