



## Appendix A.21

### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 Test Result

##### 1.1.1 CA\_5B\_NTNV\_ERP

| Band: CA_5B / NTNV |                                |                        |                        |                       |        |       |               |            |         |         |
|--------------------|--------------------------------|------------------------|------------------------|-----------------------|--------|-------|---------------|------------|---------|---------|
| BW<br>(MHz)        | Modulation                     | Frequency<br>(MHz)     | RB<br>Allocation       | Conducted Power (dBm) |        |       | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |
|                    |                                |                        |                        | CC1                   | CC2    | Sum   |               | Result     | Limit   |         |
| CC1:3<br>CC2:5     | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 23.07                 | -26.99 | 23.07 | 0.80          | 21.72      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@14<br>CC2: 1@0  | 21.83                 | 20.02  | 24.03 | 0.80          | 22.68      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.20                 | 12.34  | 19.20 | 0.80          | 17.85      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 22.98                 | 18.20  | 24.23 | 0.80          | 22.88      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 22.94                 | 18.20  | 24.20 | 0.80          | 22.85      | <=38.45 | Pass    |
|                    |                                | CC1:834.1<br>CC2:838   | CC1: 1@0<br>CC2: 0@0   | 22.97                 | -27.43 | 22.97 | 0.80          | 21.62      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@14<br>CC2: 1@0  | 22.98                 | 18.09  | 24.20 | 0.80          | 22.85      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.24                 | 12.39  | 19.24 | 0.80          | 17.89      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 22.94                 | 18.16  | 24.19 | 0.80          | 22.84      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 22.98                 | 18.23  | 24.23 | 0.80          | 22.88      | <=38.45 | Pass    |
|                    |                                | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0   | 21.98                 | -28.32 | 21.98 | 0.80          | 20.63      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@14<br>CC2: 1@0  | 22.78                 | 17.95  | 24.01 | 0.80          | 22.66      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.19                 | 12.24  | 19.18 | 0.80          | 17.83      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 22.99                 | 18.09  | 24.21 | 0.80          | 22.86      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 22.93                 | 18.11  | 24.17 | 0.80          | 22.82      | <=38.45 | Pass    |
|                    | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 23.66                 | -26.87 | 23.66 | 0.80          | 22.31      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 1@14<br>CC2: 1@0  | 23.96                 | 18.84  | 25.12 | 0.80          | 23.77      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@0<br>CC2: 12@13 | 18.34                 | 12.27  | 19.30 | 0.80          | 17.95      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 8@7<br>CC2: 12@0  | 23.09                 | 18.23  | 24.32 | 0.80          | 22.97      | <=38.45 | Pass    |
|                    |                                |                        | CC1: 15@0<br>CC2: 25@0 | 23.14                 | 18.29  | 24.37 | 0.80          | 23.02      | <=38.45 | Pass    |
|                    |                                | CC1:834.1              | CC1: 1@0               | 23.46                 | -25.91 | 23.46 | 0.80          | 22.11      | <=38.45 | Pass    |

|  |                                  |                        |                        |       |        |       |      |       |         |      |
|--|----------------------------------|------------------------|------------------------|-------|--------|-------|------|-------|---------|------|
|  |                                  | CC2:838                | CC2: 0@0               |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@14<br>CC2: 1@0  | 24.07 | 18.55  | 25.14 | 0.80 | 23.79 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.41 | 12.34  | 19.37 | 0.80 | 18.02 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 23.07 | 18.17  | 24.29 | 0.80 | 22.94 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 23.18 | 18.38  | 24.42 | 0.80 | 23.07 | <=38.45 | Pass |
|  |                                  | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0   | 23.68 | -27.19 | 23.68 | 0.80 | 22.33 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@14<br>CC2: 1@0  | 22.65 | 17.74  | 23.86 | 0.80 | 22.51 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.37 | 12.19  | 19.30 | 0.80 | 17.95 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 23.72 | 18.62  | 24.89 | 0.80 | 23.54 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 21.99 | 20.06  | 24.14 | 0.80 | 22.79 | <=38.45 | Pass |
|  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 23.30 | -27.11 | 23.30 | 0.80 | 21.95 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@14<br>CC2: 1@0  | 22.86 | 18.07  | 24.10 | 0.80 | 22.75 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.31 | 12.36  | 19.29 | 0.80 | 17.94 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 23.13 | 18.36  | 24.38 | 0.80 | 23.03 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 23.04 | 18.26  | 24.29 | 0.80 | 22.94 | <=38.45 | Pass |
|  |                                  | CC1:834.1<br>CC2:838   | CC1: 1@0<br>CC2: 0@0   | 23.47 | -27.85 | 23.47 | 0.80 | 22.12 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@14<br>CC2: 1@0  | 23.89 | 18.50  | 24.98 | 0.80 | 23.63 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.35 | 12.48  | 19.35 | 0.80 | 18.00 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 23.22 | 18.29  | 24.43 | 0.80 | 23.08 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 23.12 | 18.36  | 24.37 | 0.80 | 23.02 | <=38.45 | Pass |
|  |                                  | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0   | 23.44 | -27.59 | 23.44 | 0.80 | 22.09 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@14<br>CC2: 1@0  | 23.93 | 18.45  | 25.00 | 0.80 | 23.65 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0<br>CC2: 12@13 | 18.37 | 12.45  | 19.36 | 0.80 | 18.01 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@7<br>CC2: 12@0  | 22.49 | 17.95  | 23.80 | 0.80 | 22.45 | <=38.45 | Pass |
|  |                                  |                        | CC1: 15@0<br>CC2: 25@0 | 23.13 | 18.33  | 24.37 | 0.80 | 23.02 | <=38.45 | Pass |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 0@0   | 23.42 | -25.48 | 23.42 | 0.80 | 22.07 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@14<br>CC2: 1@0  | 23.62 | 18.41  | 24.76 | 0.80 | 23.41 | <=38.45 | Pass |
|  |                                  |                        | CC1: 8@0               | 21.53 | 15.36  | 22.47 | 0.80 | 21.12 | <=38.45 | Pass |

|                |                              |                        |                        |       |        |       |      |       |         |      |
|----------------|------------------------------|------------------------|------------------------|-------|--------|-------|------|-------|---------|------|
|                |                              |                        | CC2: 12@13             |       |        |       |      |       |         |      |
|                |                              |                        | CC1: 8@7<br>CC2: 12@0  | 23.11 | 18.29  | 24.35 | 0.80 | 23.00 | <=38.45 | Pass |
|                |                              |                        | CC1: 15@0<br>CC2: 25@0 | 23.05 | 18.32  | 24.31 | 0.80 | 22.96 | <=38.45 | Pass |
|                |                              | CC1:834.1<br>CC2:838   | CC1: 1@0<br>CC2: 0@0   | 23.47 | -26.00 | 23.47 | 0.80 | 22.12 | <=38.45 | Pass |
|                |                              |                        | CC1: 1@14<br>CC2: 1@0  | 23.79 | 18.57  | 24.93 | 0.80 | 23.58 | <=38.45 | Pass |
|                |                              |                        | CC1: 8@0<br>CC2: 12@13 | 21.17 | 16.37  | 22.42 | 0.80 | 21.07 | <=38.45 | Pass |
|                |                              |                        | CC1: 8@7<br>CC2: 12@0  | 23.19 | 18.25  | 24.39 | 0.80 | 23.04 | <=38.45 | Pass |
|                |                              |                        | CC1: 15@0<br>CC2: 25@0 | 23.06 | 18.41  | 24.34 | 0.80 | 22.99 | <=38.45 | Pass |
|                |                              |                        | CC1: 1@0<br>CC2: 0@0   | 23.44 | -25.02 | 23.44 | 0.80 | 22.09 | <=38.45 | Pass |
|                |                              | CC1:842.6<br>CC2:846.5 | CC1: 1@14<br>CC2: 1@0  | 23.23 | 18.05  | 24.38 | 0.80 | 23.03 | <=38.45 | Pass |
|                |                              |                        | CC1: 8@0<br>CC2: 12@13 | 20.46 | 14.43  | 21.43 | 0.80 | 20.08 | <=38.45 | Pass |
|                |                              |                        | CC1: 8@7<br>CC2: 12@0  | 22.96 | 18.18  | 24.21 | 0.80 | 22.86 | <=38.45 | Pass |
|                |                              |                        | CC1: 15@0<br>CC2: 25@0 | 23.95 | 18.86  | 25.12 | 0.80 | 23.77 | <=38.45 | Pass |
|                |                              |                        | CC1: 1@0<br>CC2: 0@0   | 23.08 | -34.34 | 23.08 | 0.80 | 21.73 | <=38.45 | Pass |
|                |                              | CC1:826.5<br>CC2:830.4 | CC1: 1@24<br>CC2: 1@0  | 22.94 | 18.24  | 24.20 | 0.80 | 22.85 | <=38.45 | Pass |
|                |                              |                        | CC1: 12@0<br>CC2: 8@7  | 18.30 | 12.45  | 19.31 | 0.80 | 17.96 | <=38.45 | Pass |
|                |                              |                        | CC1: 12@13<br>CC2: 8@0 | 22.99 | 18.27  | 24.25 | 0.80 | 22.90 | <=38.45 | Pass |
|                |                              |                        | CC1: 25@0<br>CC2: 15@0 | 23.00 | 18.39  | 24.29 | 0.80 | 22.94 | <=38.45 | Pass |
|                |                              |                        | CC1: 1@0<br>CC2: 0@0   | 23.06 | -34.66 | 23.06 | 0.80 | 21.71 | <=38.45 | Pass |
| CC1:5<br>CC2:3 | CC1:<br>QPSK<br>CC2:<br>QPSK | CC1:835.1<br>CC2:839   | CC1: 1@24<br>CC2: 1@0  | 22.93 | 18.20  | 24.19 | 0.80 | 22.84 | <=38.45 | Pass |
|                |                              |                        | CC1: 12@0<br>CC2: 8@7  | 18.35 | 12.40  | 19.34 | 0.80 | 17.99 | <=38.45 | Pass |
|                |                              |                        | CC1: 12@13<br>CC2: 8@0 | 22.96 | 18.12  | 24.19 | 0.80 | 22.84 | <=38.45 | Pass |
|                |                              |                        | CC1: 25@0<br>CC2: 15@0 | 23.07 | 18.29  | 24.32 | 0.80 | 22.97 | <=38.45 | Pass |
|                |                              |                        | CC1: 1@0<br>CC2: 0@0   | 23.14 | -34.41 | 23.14 | 0.80 | 21.79 | <=38.45 | Pass |
|                |                              | CC1:843.6<br>CC2:847.5 | CC1: 1@24<br>CC2: 1@0  | 22.85 | 18.03  | 24.08 | 0.80 | 22.73 | <=38.45 | Pass |
|                |                              |                        | CC1: 12@0<br>CC2: 8@7  | 18.35 | 12.29  | 19.31 | 0.80 | 17.96 | <=38.45 | Pass |
|                |                              |                        | CC1: 12@13<br>CC2: 8@0 | 23.01 | 18.17  | 24.24 | 0.80 | 22.89 | <=38.45 | Pass |
|                |                              |                        | CC1: 25@0              | 23.06 | 18.13  | 24.27 | 0.80 | 22.92 | <=38.45 | Pass |

|  |                                |                        |                        |       |        |       |      |       |         |      |
|--|--------------------------------|------------------------|------------------------|-------|--------|-------|------|-------|---------|------|
|  | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:826.5<br>CC2:830.4 | CC2: 15@0              |       |        |       |      |       |         |      |
|  |                                |                        | CC1: 1@0<br>CC2: 0@0   | 23.57 | -33.95 | 23.57 | 0.80 | 22.22 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0  | 24.29 | 18.98  | 25.41 | 0.80 | 24.06 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.36 | 12.45  | 19.35 | 0.80 | 18.00 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 8@0 | 23.06 | 18.35  | 24.32 | 0.80 | 22.97 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.10 | 18.35  | 24.35 | 0.80 | 23.00 | <=38.45 | Pass |
|  |                                | CC1:835.1<br>CC2:839   | CC1: 1@0<br>CC2: 0@0   | 23.71 | -34.18 | 23.71 | 0.80 | 22.36 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0  | 24.13 | 18.74  | 25.23 | 0.80 | 23.88 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.44 | 12.47  | 19.42 | 0.80 | 18.07 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 8@0 | 23.21 | 18.35  | 24.43 | 0.80 | 23.08 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.19 | 18.27  | 24.40 | 0.80 | 23.05 | <=38.45 | Pass |
|  |                                | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 0@0   | 23.64 | -34.06 | 23.64 | 0.80 | 22.29 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0  | 24.84 | 19.04  | 25.85 | 0.80 | 24.50 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.35 | 12.43  | 19.34 | 0.80 | 17.99 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 8@0 | 22.16 | 20.21  | 24.30 | 0.80 | 22.95 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.05 | 18.04  | 24.24 | 0.80 | 22.89 | <=38.45 | Pass |
|  | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:826.5<br>CC2:830.4 | CC1: 1@0<br>CC2: 0@0   | 23.31 | -34.31 | 23.31 | 0.80 | 21.96 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0  | 23.17 | 18.11  | 24.35 | 0.80 | 23.00 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.38 | 12.42  | 19.36 | 0.80 | 18.01 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 8@0 | 23.11 | 18.29  | 24.34 | 0.80 | 22.99 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.04 | 18.31  | 24.30 | 0.80 | 22.95 | <=38.45 | Pass |
|  |                                | CC1:835.1<br>CC2:839   | CC1: 1@0<br>CC2: 0@0   | 23.49 | -34.07 | 23.49 | 0.80 | 22.14 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0  | 23.39 | 18.13  | 24.52 | 0.80 | 23.17 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 8@7  | 18.41 | 12.40  | 19.38 | 0.80 | 18.03 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 8@0 | 23.23 | 18.33  | 24.45 | 0.80 | 23.10 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 15@0 | 23.13 | 18.22  | 24.34 | 0.80 | 22.99 | <=38.45 | Pass |
|  |                                | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 0@0   | 23.55 | -34.44 | 23.55 | 0.80 | 22.20 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24              | 22.13 | 19.88  | 24.16 | 0.80 | 22.81 | <=38.45 | Pass |

|                 |                                  |                        |                         |       |        |       |      |       |         |      |
|-----------------|----------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM |                        | CC2: 1@0                |       |        |       |      |       |         |      |
|                 |                                  |                        | CC1: 12@0<br>CC2: 8@7   | 18.45 | 12.39  | 19.41 | 0.80 | 18.06 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 8@0  | 23.41 | 18.81  | 24.70 | 0.80 | 23.35 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 15@0  | 23.06 | 18.32  | 24.32 | 0.80 | 22.97 | <=38.45 | Pass |
|                 |                                  | CC1:826.5<br>CC2:830.4 | CC1: 1@0<br>CC2: 0@0    | 17.47 | 7.71   | 17.91 | 0.80 | 16.56 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 25.22 | 19.86  | 26.32 | 0.80 | 24.97 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 8@7   | 21.30 | 15.34  | 22.28 | 0.80 | 20.93 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 8@0  | 23.02 | 18.37  | 24.30 | 0.80 | 22.95 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 15@0  | 22.97 | 18.26  | 24.23 | 0.80 | 22.88 | <=38.45 | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 1@0<br>CC2: 0@0    | 18.00 | 7.81   | 18.40 | 0.80 | 17.05 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 23.28 | 18.12  | 24.43 | 0.80 | 23.08 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 8@7   | 21.36 | 15.43  | 22.34 | 0.80 | 20.99 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 8@0  | 23.03 | 18.19  | 24.26 | 0.80 | 22.91 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 15@0  | 23.00 | 18.12  | 24.22 | 0.80 | 22.87 | <=38.45 | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 1@0<br>CC2: 0@0    | 17.49 | 7.78   | 17.93 | 0.80 | 16.58 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 23.25 | 18.07  | 24.40 | 0.80 | 23.05 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 8@7   | 20.56 | 14.61  | 21.55 | 0.80 | 20.20 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 8@0  | 23.91 | 19.07  | 25.14 | 0.80 | 23.79 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 15@0  | 22.97 | 18.20  | 24.22 | 0.80 | 22.87 | <=38.45 | Pass |
| CC1:5<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 23.00 | -30.23 | 23.00 | 0.80 | 21.65 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 22.80 | 20.80  | 24.07 | 0.80 | 22.72 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.27 | 12.41  | 19.27 | 0.80 | 17.92 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 21.21 | 15.67  | 22.19 | 0.80 | 20.84 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 21.16 | 15.50  | 22.16 | 0.80 | 20.81 | <=38.45 | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 1@0<br>CC2: 0@0    | 22.96 | -29.46 | 22.96 | 0.80 | 21.61 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 23.08 | 20.94  | 24.28 | 0.80 | 22.93 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.23 | 12.49  | 19.26 | 0.80 | 17.91 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13              | 21.27 | 15.75  | 22.26 | 0.80 | 20.91 | <=38.45 | Pass |

|  |                                |                        |                         |       |        |       |      |       |         |      |
|--|--------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|  |                                |                        | CC2: 25@0               |       |        |       |      |       |         |      |
|  |                                |                        | CC1: 25@0<br>CC2: 50@0  | 21.23 | 15.54  | 22.22 | 0.80 | 20.87 | <=38.45 | Pass |
|  | CC1:836.8<br>CC2:844           |                        | CC1: 1@0<br>CC2: 0@0    | 23.03 | -31.38 | 23.03 | 0.80 | 21.68 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0   | 23.00 | 20.88  | 24.23 | 0.80 | 22.88 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.28 | 12.43  | 19.28 | 0.80 | 17.93 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 25@0 | 21.25 | 15.72  | 22.24 | 0.80 | 20.89 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 50@0  | 21.21 | 15.48  | 22.20 | 0.80 | 20.85 | <=38.45 | Pass |
|  |                                |                        |                         |       |        |       |      |       |         |      |
|  | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 22.99 | -28.98 | 22.99 | 0.80 | 21.64 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0   | 22.53 | 19.55  | 23.42 | 0.80 | 22.07 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.25 | 12.35  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 25@0 | 20.19 | 14.70  | 21.19 | 0.80 | 19.84 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 50@0  | 20.25 | 14.42  | 21.21 | 0.80 | 19.86 | <=38.45 | Pass |
|  |                                |                        |                         |       |        |       |      |       |         |      |
|  |                                | CC1:831.7<br>CC2:838.9 | CC1: 1@0<br>CC2: 0@0    | 22.96 | -29.44 | 22.96 | 0.80 | 21.61 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0   | 22.80 | 19.86  | 23.66 | 0.80 | 22.31 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.25 | 12.35  | 19.24 | 0.80 | 17.89 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 25@0 | 20.25 | 14.69  | 21.23 | 0.80 | 19.88 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 50@0  | 20.24 | 14.60  | 21.25 | 0.80 | 19.90 | <=38.45 | Pass |
|  |                                |                        |                         |       |        |       |      |       |         |      |
|  |                                | CC1:836.8<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 22.81 | -30.55 | 22.81 | 0.80 | 21.46 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0   | 22.77 | 19.83  | 23.64 | 0.80 | 22.29 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.29 | 12.28  | 19.26 | 0.80 | 17.91 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 25@0 | 20.32 | 14.57  | 21.26 | 0.80 | 19.91 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 50@0  | 20.34 | 14.58  | 21.32 | 0.80 | 19.97 | <=38.45 | Pass |
|  |                                |                        |                         |       |        |       |      |       |         |      |
|  | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 22.76 | -29.89 | 22.76 | 0.80 | 21.41 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@24<br>CC2: 1@0   | 21.34 | 18.70  | 22.31 | 0.80 | 20.96 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@0<br>CC2: 25@25 | 18.20 | 12.37  | 19.21 | 0.80 | 17.86 | <=38.45 | Pass |
|  |                                |                        | CC1: 12@13<br>CC2: 25@0 | 20.14 | 14.64  | 21.14 | 0.80 | 19.79 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 50@0  | 20.21 | 14.47  | 21.20 | 0.80 | 19.85 | <=38.45 | Pass |
|  |                                |                        |                         |       |        |       |      |       |         |      |
|  |                                | CC1:831.7              | CC1: 1@0                | 21.61 | -29.96 | 21.61 | 0.80 | 20.26 | <=38.45 | Pass |

|                 |                                  |                        |                         |       |        |       |      |       |         |      |
|-----------------|----------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|                 |                                  | CC2:838.9              | CC2: 0@0                |       |        |       |      |       |         |      |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 21.62 | 19.01  | 22.55 | 0.80 | 21.20 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.27 | 12.29  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 19.93 | 15.54  | 21.20 | 0.80 | 19.85 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 20.22 | 14.57  | 21.23 | 0.80 | 19.88 | <=38.45 | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 21.73 | -30.78 | 21.73 | 0.80 | 20.38 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 21.41 | 18.68  | 22.31 | 0.80 | 20.96 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 18.38 | 12.29  | 19.34 | 0.80 | 17.99 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 20.26 | 14.60  | 21.23 | 0.80 | 19.88 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 20.27 | 14.52  | 21.26 | 0.80 | 19.91 | <=38.45 | Pass |
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:833.7 | CC1: 1@0<br>CC2: 0@0    | 18.58 | -29.81 | 18.58 | 0.80 | 17.23 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 18.30 | 15.69  | 19.24 | 0.80 | 17.89 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 17.73 | 11.88  | 18.73 | 0.80 | 17.38 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 18.37 | 12.83  | 19.36 | 0.80 | 18.01 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 18.23 | 12.57  | 19.24 | 0.80 | 17.89 | <=38.45 | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 1@0<br>CC2: 0@0    | 18.56 | -29.68 | 18.56 | 0.80 | 17.21 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 18.35 | 15.74  | 19.30 | 0.80 | 17.95 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 17.80 | 11.73  | 18.76 | 0.80 | 17.41 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 18.24 | 12.72  | 19.23 | 0.80 | 17.88 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 18.27 | 12.59  | 19.27 | 0.80 | 17.92 | <=38.45 | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 18.57 | -29.78 | 18.57 | 0.80 | 17.22 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@24<br>CC2: 1@0   | 18.40 | 15.67  | 19.32 | 0.80 | 17.97 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@0<br>CC2: 25@25 | 17.78 | 11.87  | 18.77 | 0.80 | 17.42 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 12@13<br>CC2: 25@0 | 18.32 | 12.74  | 19.30 | 0.80 | 17.95 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0<br>CC2: 50@0  | 18.28 | 12.45  | 19.26 | 0.80 | 17.91 | <=38.45 | Pass |
| CC1:10<br>CC2:5 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:829<br>CC2:836.2   | CC1: 1@0<br>CC2: 0@0    | 22.92 | -41.40 | 22.92 | 0.80 | 21.57 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 1@49<br>CC2: 1@0   | 23.41 | 18.12  | 24.26 | 0.80 | 22.91 | <=38.45 | Pass |
|                 |                                  |                        | CC1: 25@0               | 18.27 | 12.44  | 19.28 | 0.80 | 17.93 | <=38.45 | Pass |

|  |                                |                        |                         |       |        |       |      |       |         |      |
|--|--------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|  |                                |                        | CC2: 12@13              |       |        |       |      |       |         |      |
|  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 21.23 | 15.38  | 22.21 | 0.80 | 20.86 | <=38.45 | Pass |
|  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 21.21 | 15.36  | 22.20 | 0.80 | 20.85 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@0<br>CC2: 0@0    | 22.91 | -40.77 | 22.91 | 0.80 | 21.56 | <=38.45 | Pass |
|  |                                | CC1:834.2<br>CC2:841.4 | CC1: 1@49<br>CC2: 1@0   | 23.36 | 18.09  | 24.20 | 0.80 | 22.85 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 18.22 | 12.42  | 19.24 | 0.80 | 17.89 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 21.39 | 15.45  | 22.35 | 0.80 | 21.00 | <=38.45 | Pass |
|  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 21.22 | 15.29  | 22.20 | 0.80 | 20.85 | <=38.45 | Pass |
|  |                                | CC1:839.3<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0    | 22.97 | -41.83 | 22.97 | 0.80 | 21.62 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 23.33 | 18.11  | 24.18 | 0.80 | 22.83 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 18.28 | 12.35  | 19.26 | 0.80 | 17.91 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 21.26 | 15.17  | 22.19 | 0.80 | 20.84 | <=38.45 | Pass |
|  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 21.29 | 15.22  | 22.24 | 0.80 | 20.89 | <=38.45 | Pass |
|  | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:829<br>CC2:836.2   | CC1: 1@0<br>CC2: 0@0    | 22.91 | -41.97 | 22.91 | 0.80 | 21.56 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 23.25 | 16.28  | 23.81 | 0.80 | 22.46 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 18.21 | 12.40  | 19.23 | 0.80 | 17.88 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 20.28 | 14.27  | 21.23 | 0.80 | 19.88 | <=38.45 | Pass |
|  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 20.26 | 14.39  | 21.25 | 0.80 | 19.90 | <=38.45 | Pass |
|  |                                | CC1:834.2<br>CC2:841.4 | CC1: 1@0<br>CC2: 0@0    | 22.74 | -42.51 | 22.74 | 0.80 | 21.39 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 23.12 | 16.90  | 23.77 | 0.80 | 22.42 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 18.25 | 12.40  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 20.29 | 14.26  | 21.23 | 0.80 | 19.88 | <=38.45 | Pass |
|  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 20.26 | 14.30  | 21.23 | 0.80 | 19.88 | <=38.45 | Pass |
|  |                                | CC1:839.3<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0    | 22.90 | -42.61 | 22.90 | 0.80 | 21.55 | <=38.45 | Pass |
|  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 22.64 | 17.13  | 23.40 | 0.80 | 22.05 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 18.26 | 12.28  | 19.24 | 0.80 | 17.89 | <=38.45 | Pass |
|  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 20.29 | 14.26  | 21.24 | 0.80 | 19.89 | <=38.45 | Pass |
|  |                                |                        | CC1: 50@0               | 20.25 | 14.27  | 21.22 | 0.80 | 19.87 | <=38.45 | Pass |

|  |                                  |                        |                         |       |        |       |      |       |         |      |
|--|----------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:829<br>CC2:836.2   | CC2: 25@0               |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@0<br>CC2: 0@0    | 22.47 | -42.63 | 22.47 | 0.80 | 21.12 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@49<br>CC2: 1@0   | 21.86 | 15.47  | 22.50 | 0.80 | 21.15 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 12@13 | 18.17 | 12.35  | 19.18 | 0.80 | 17.83 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 12@0 | 20.18 | 14.26  | 21.15 | 0.80 | 19.80 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 25@0  | 20.24 | 14.33  | 21.22 | 0.80 | 19.87 | <=38.45 | Pass |
|  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 1@0<br>CC2: 0@0    | 21.63 | -43.45 | 21.63 | 0.80 | 20.28 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@49<br>CC2: 1@0   | 21.73 | 15.15  | 22.34 | 0.80 | 20.99 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 12@13 | 18.27 | 12.37  | 19.26 | 0.80 | 17.91 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 12@0 | 19.98 | 15.19  | 21.20 | 0.80 | 19.85 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 25@0  | 20.29 | 14.25  | 21.24 | 0.80 | 19.89 | <=38.45 | Pass |
|  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0    | 21.60 | -43.37 | 21.60 | 0.80 | 20.25 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@49<br>CC2: 1@0   | 21.80 | 15.30  | 22.43 | 0.80 | 21.08 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 12@13 | 18.27 | 12.30  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 12@0 | 20.23 | 14.32  | 21.20 | 0.80 | 19.85 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 25@0  | 20.28 | 14.30  | 21.24 | 0.80 | 19.89 | <=38.45 | Pass |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:836.2   | CC1: 1@0<br>CC2: 0@0    | 18.64 | -38.53 | 18.64 | 0.80 | 17.29 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@49<br>CC2: 1@0   | 18.69 | 12.16  | 19.32 | 0.80 | 17.97 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 12@13 | 17.73 | 11.87  | 18.73 | 0.80 | 17.38 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 12@0 | 18.26 | 12.35  | 19.23 | 0.80 | 17.88 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 25@0  | 18.20 | 12.36  | 19.19 | 0.80 | 17.84 | <=38.45 | Pass |
|  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 1@0<br>CC2: 0@0    | 18.60 | -38.58 | 18.60 | 0.80 | 17.25 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@49<br>CC2: 1@0   | 18.71 | 12.37  | 19.38 | 0.80 | 18.03 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@0<br>CC2: 12@13 | 17.69 | 11.73  | 18.67 | 0.80 | 17.32 | <=38.45 | Pass |
|  |                                  |                        | CC1: 25@25<br>CC2: 12@0 | 18.33 | 12.27  | 19.27 | 0.80 | 17.92 | <=38.45 | Pass |
|  |                                  |                        | CC1: 50@0<br>CC2: 25@0  | 18.30 | 12.37  | 19.28 | 0.80 | 17.93 | <=38.45 | Pass |
|  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 1@0<br>CC2: 0@0    | 18.62 | -39.58 | 18.62 | 0.80 | 17.27 | <=38.45 | Pass |
|  |                                  |                        | CC1: 1@49               | 18.84 | 12.34  | 19.48 | 0.80 | 18.13 | <=38.45 | Pass |



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|                  |                                |                        |                         |       |        |       |      |       |         |      |
|------------------|--------------------------------|------------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|                  |                                |                        | CC2: 1@0                |       |        |       |      |       |         |      |
|                  |                                |                        | CC1: 25@0<br>CC2: 12@13 | 17.86 | 11.80  | 18.82 | 0.80 | 17.47 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 12@0 | 18.32 | 12.32  | 19.27 | 0.80 | 17.92 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 25@0  | 18.29 | 12.34  | 19.26 | 0.80 | 17.91 | <=38.45 | Pass |
| CC1:10<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:829<br>CC2:838.9   | CC1: 1@0<br>CC2: 0@0    | 23.00 | -40.65 | 23.00 | 0.80 | 21.65 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 22.90 | 18.01  | 24.12 | 0.80 | 22.77 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.20 | 12.35  | 19.21 | 0.80 | 17.86 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 22.19 | 16.18  | 23.16 | 0.80 | 21.81 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 21.21 | 15.33  | 22.21 | 0.80 | 20.86 | <=38.45 | Pass |
|                  |                                | CC1:831.6<br>CC2:841.5 | CC1: 1@0<br>CC2: 0@0    | 22.88 | -40.47 | 22.88 | 0.80 | 21.53 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 22.03 | 20.06  | 24.17 | 0.80 | 22.82 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.22 | 12.35  | 19.22 | 0.80 | 17.87 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 22.13 | 16.15  | 23.10 | 0.80 | 21.75 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 21.20 | 15.39  | 22.22 | 0.80 | 20.87 | <=38.45 | Pass |
|                  |                                | CC1:834.1<br>CC2:844   | CC1: 1@0<br>CC2: 0@0    | 22.93 | -40.73 | 22.93 | 0.80 | 21.58 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 21.87 | 20.03  | 24.06 | 0.80 | 22.71 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.26 | 12.35  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 22.21 | 16.29  | 23.20 | 0.80 | 21.85 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 21.25 | 15.23  | 22.22 | 0.80 | 20.87 | <=38.45 | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:829<br>CC2:838.9   | CC1: 1@0<br>CC2: 0@0    | 22.65 | -40.70 | 22.65 | 0.80 | 21.30 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 22.89 | 16.18  | 23.73 | 0.80 | 22.38 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.21 | 12.32  | 19.20 | 0.80 | 17.85 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25<br>CC2: 25@0 | 21.21 | 15.25  | 22.19 | 0.80 | 20.84 | <=38.45 | Pass |
|                  |                                |                        | CC1: 50@0<br>CC2: 50@0  | 20.24 | 14.41  | 21.25 | 0.80 | 19.90 | <=38.45 | Pass |
|                  |                                | CC1:831.6<br>CC2:841.5 | CC1: 1@0<br>CC2: 0@0    | 22.84 | -40.72 | 22.84 | 0.80 | 21.49 | <=38.45 | Pass |
|                  |                                |                        | CC1: 1@49<br>CC2: 1@0   | 22.58 | 17.78  | 23.82 | 0.80 | 22.47 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@0<br>CC2: 25@25 | 18.25 | 12.27  | 19.23 | 0.80 | 17.88 | <=38.45 | Pass |
|                  |                                |                        | CC1: 25@25              | 21.32 | 15.36  | 22.30 | 0.80 | 20.95 | <=38.45 | Pass |

|  |                                  |                        |            |       |        |       |      |       |         |      |
|--|----------------------------------|------------------------|------------|-------|--------|-------|------|-------|---------|------|
|  |                                  |                        | CC2: 25@0  |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 50@0  | 20.21 | 14.24  | 21.19 | 0.80 | 19.84 | <=38.45 | Pass |
|  |                                  |                        | CC2: 50@0  |       |        |       |      |       |         |      |
|  |                                  | CC1:834.1<br>CC2:844   | CC1: 1@0   | 22.70 | -40.76 | 22.70 | 0.80 | 21.35 | <=38.45 | Pass |
|  |                                  |                        | CC2: 0@0   |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@49  | 22.66 | 16.19  | 23.54 | 0.80 | 22.19 | <=38.45 | Pass |
|  |                                  |                        | CC2: 1@0   |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@0  | 18.25 | 12.19  | 19.21 | 0.80 | 17.86 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@25 |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@25 | 21.23 | 15.22  | 22.20 | 0.80 | 20.85 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@0  |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 50@0  | 19.98 | 15.32  | 21.26 | 0.80 | 19.91 | <=38.45 | Pass |
|  |                                  |                        | CC2: 50@0  |       |        |       |      |       |         |      |
|  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:829<br>CC2:838.9   | CC1: 1@0   | 22.37 | -40.74 | 22.37 | 0.80 | 21.02 | <=38.45 | Pass |
|  |                                  |                        | CC2: 0@0   |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@49  | 21.34 | 15.29  | 22.30 | 0.80 | 20.95 | <=38.45 | Pass |
|  |                                  |                        | CC2: 1@0   |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@0  | 18.17 | 12.29  | 19.17 | 0.80 | 17.82 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@25 |       |        |       |      |       |         |      |
|  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 25@25 | 20.18 | 14.27  | 21.17 | 0.80 | 19.82 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@0  |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 50@0  | 20.15 | 14.22  | 21.13 | 0.80 | 19.78 | <=38.45 | Pass |
|  |                                  |                        | CC2: 50@0  |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@0   | 21.13 | -40.93 | 21.13 | 0.80 | 19.78 | <=38.45 | Pass |
|  |                                  |                        | CC2: 0@0   |       |        |       |      |       |         |      |
|  |                                  | CC1:834.1<br>CC2:844   | CC1: 1@49  | 21.80 | 15.29  | 22.67 | 0.80 | 21.32 | <=38.45 | Pass |
|  |                                  |                        | CC2: 1@0   |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@0  | 18.25 | 12.33  | 19.24 | 0.80 | 17.89 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@25 |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@25 | 20.24 | 14.26  | 21.22 | 0.80 | 19.87 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@0  |       |        |       |      |       |         |      |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:838.9   | CC1: 50@0  | 20.17 | 14.35  | 21.18 | 0.80 | 19.83 | <=38.45 | Pass |
|  |                                  |                        | CC2: 50@0  |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@0   | 21.51 | -40.93 | 21.51 | 0.80 | 20.16 | <=38.45 | Pass |
|  |                                  |                        | CC2: 0@0   |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@49  | 21.54 | 15.28  | 22.46 | 0.80 | 21.11 | <=38.45 | Pass |
|  |                                  |                        | CC2: 1@0   |       |        |       |      |       |         |      |
|  |                                  | CC1:831.6              | CC1: 25@0  | 18.26 | 12.29  | 19.24 | 0.80 | 17.89 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@25 |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@25 | 20.22 | 14.29  | 21.21 | 0.80 | 19.86 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@0  |       |        |       |      |       |         |      |
|  |                                  | CC1:829<br>CC2:838.9   | CC1: 50@0  | 20.26 | 14.30  | 21.24 | 0.80 | 19.89 | <=38.45 | Pass |
|  |                                  |                        | CC2: 50@0  |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@0   | 18.61 | -29.19 | 18.61 | 0.80 | 17.26 | <=38.45 | Pass |
|  |                                  |                        | CC2: 0@0   |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 1@49  | 18.41 | 12.25  | 19.35 | 0.80 | 18.00 | <=38.45 | Pass |
|  |                                  |                        | CC2: 1@0   |       |        |       |      |       |         |      |
|  |                                  | CC1:829<br>CC2:838.9   | CC1: 25@0  | 17.73 | 11.87  | 18.74 | 0.80 | 17.39 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@25 |       |        |       |      |       |         |      |
|  |                                  |                        | CC1: 25@25 | 18.21 | 12.32  | 19.20 | 0.80 | 17.85 | <=38.45 | Pass |
|  |                                  |                        | CC2: 25@0  |       |        |       |      |       |         |      |
|  |                                  | CC1:829<br>CC2:838.9   | CC1: 50@0  | 18.22 | 12.35  | 19.22 | 0.80 | 17.87 | <=38.45 | Pass |
|  |                                  |                        | CC2: 50@0  |       |        |       |      |       |         |      |
|  |                                  | CC1:831.6              | CC1: 1@0   | 18.55 | -29.34 | 18.55 | 0.80 | 17.20 | <=38.45 | Pass |



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|  |  |                      |                         |       |        |       |      |       |         |      |
|--|--|----------------------|-------------------------|-------|--------|-------|------|-------|---------|------|
|  |  | CC2:841.5            | CC2: 0@0                |       |        |       |      |       |         |      |
|  |  |                      | CC1: 1@49<br>CC2: 1@0   | 18.64 | 12.42  | 19.57 | 0.80 | 18.22 | <=38.45 | Pass |
|  |  |                      | CC1: 25@0<br>CC2: 25@25 | 17.69 | 11.80  | 18.68 | 0.80 | 17.33 | <=38.45 | Pass |
|  |  |                      | CC1: 25@25<br>CC2: 25@0 | 18.29 | 12.28  | 19.26 | 0.80 | 17.91 | <=38.45 | Pass |
|  |  |                      | CC1: 50@0<br>CC2: 50@0  | 18.26 | 12.34  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |
|  |  | CC1:834.1<br>CC2:844 | CC1: 1@0<br>CC2: 0@0    | 18.55 | -29.57 | 18.55 | 0.80 | 17.20 | <=38.45 | Pass |
|  |  |                      | CC1: 1@49<br>CC2: 1@0   | 18.12 | 13.19  | 19.33 | 0.80 | 17.98 | <=38.45 | Pass |
|  |  |                      | CC1: 25@0<br>CC2: 25@25 | 17.77 | 11.83  | 18.76 | 0.80 | 17.41 | <=38.45 | Pass |
|  |  |                      | CC1: 25@25<br>CC2: 25@0 | 18.28 | 12.29  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |
|  |  |                      | CC1: 50@0<br>CC2: 50@0  | 18.25 | 12.35  | 19.25 | 0.80 | 17.90 | <=38.45 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain-2.15

## 2. 99% & 26dB Bandwidth

### 2.1 Test Result

#### 2.1.1 CA\_5B\_NTNV\_OBW

| Band: CA_5B / NTN |                                |                        |                        |                              |       |         |
|-------------------|--------------------------------|------------------------|------------------------|------------------------------|-------|---------|
| BW<br>(MHz)       | Modulation                     | Frequency<br>(MHz)     | RB<br>Allocation       | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                   |                                |                        |                        | Sum                          | Limit |         |
| CC1:3<br>CC2:5    | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.46                         | /     | Pass    |
|                   |                                | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.45                         | /     | Pass    |
|                   |                                | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.44                         | /     | Pass    |
|                   | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.45                         | /     | Pass    |
|                   |                                | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.44                         | /     | Pass    |
|                   |                                | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.45                         | /     | Pass    |
|                   | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.46                         | /     | Pass    |
|                   |                                | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.45                         | /     | Pass    |
|                   |                                | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.44                         | /     | Pass    |
|                   | CC1:<br>256QAM<br>CC2:         | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.45                         | /     | Pass    |
|                   |                                | CC1:834.1              | CC1: 15@0              | 7.44                         | /     | Pass    |

|                 |                                |                        |                        |       |   |      |
|-----------------|--------------------------------|------------------------|------------------------|-------|---|------|
|                 | 256QAM                         | CC2:838                | CC2: 25@0              |       |   |      |
|                 |                                | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.45  | / | Pass |
| CC1:5<br>CC2:3  | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.47  | / | Pass |
|                 |                                | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.47  | / | Pass |
|                 |                                | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.46  | / | Pass |
|                 |                                | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.49  | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.45  | / | Pass |
|                 |                                | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.48  | / | Pass |
|                 |                                | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.47  | / | Pass |
|                 |                                | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.45  | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.48  | / | Pass |
|                 |                                | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.47  | / | Pass |
|                 |                                | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.47  | / | Pass |
|                 |                                | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.50  | / | Pass |
| CC1:5<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK   | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 13.83 | / | Pass |
|                 |                                | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 13.80 | / | Pass |
|                 |                                | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 13.83 | / | Pass |
|                 |                                | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 13.84 | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 13.79 | / | Pass |
|                 |                                | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 13.76 | / | Pass |
|                 |                                | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 13.80 | / | Pass |
|                 |                                | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 13.83 | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 13.84 | / | Pass |
|                 |                                | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 13.84 | / | Pass |
|                 |                                | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 13.78 | / | Pass |
|                 |                                | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 13.85 | / | Pass |
| CC1:10<br>CC2:5 | CC1:<br>QPSK<br>CC2:           | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 13.88 | / | Pass |
|                 |                                | CC1:834.2              | CC1: 50@0              | 13.89 | / | Pass |

|                  |                                  |           |           |       |   |      |
|------------------|----------------------------------|-----------|-----------|-------|---|------|
|                  | QPSK                             | CC2:841.4 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:839.3 | CC1: 50@0 | 13.87 | / | Pass |
|                  |                                  | CC2:846.5 | CC2: 25@0 |       |   |      |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:829   | CC1: 50@0 | 13.85 | / | Pass |
|                  |                                  | CC2:836.2 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:834.2 | CC1: 50@0 | 14.11 | / | Pass |
|                  |                                  | CC2:841.4 | CC2: 25@0 |       |   |      |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:839.3 | CC1: 50@0 | 13.80 | / | Pass |
|                  |                                  | CC2:846.5 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 | 13.87 | / | Pass |
|                  |                                  | CC2:836.2 | CC2: 25@0 |       |   |      |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:834.2 | CC1: 50@0 | 13.87 | / | Pass |
|                  |                                  | CC2:841.4 | CC2: 25@0 |       |   |      |
|                  |                                  | CC1:839.3 | CC1: 50@0 | 13.80 | / | Pass |
|                  |                                  | CC2:846.5 | CC2: 25@0 |       |   |      |
| CC1:10<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:829   | CC1: 50@0 | 18.75 | / | Pass |
|                  |                                  | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:831.6 | CC1: 50@0 | 18.77 | / | Pass |
|                  |                                  | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:834.1 | CC1: 50@0 | 18.75 | / | Pass |
|                  |                                  | CC2:844   | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 | 18.69 | / | Pass |
|                  |                                  | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:831.6 | CC1: 50@0 | 18.73 | / | Pass |
|                  |                                  | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:834.1 | CC1: 50@0 | 18.73 | / | Pass |
|                  |                                  | CC2:844   | CC2: 50@0 |       |   |      |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829   | CC1: 50@0 | 18.71 | / | Pass |
|                  |                                  | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:831.6 | CC1: 50@0 | 18.73 | / | Pass |
|                  |                                  | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:834.1 | CC1: 50@0 | 18.73 | / | Pass |
|                  |                                  | CC2:844   | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:829   | CC1: 50@0 | 18.68 | / | Pass |
|                  |                                  | CC2:838.9 | CC2: 50@0 |       |   |      |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:831.6 | CC1: 50@0 | 18.73 | / | Pass |
|                  |                                  | CC2:841.5 | CC2: 50@0 |       |   |      |
|                  |                                  | CC1:834.1 | CC1: 50@0 | 18.72 | / | Pass |
|                  |                                  | CC2:844   | CC2: 50@0 |       |   |      |

## 2.1.2 CA\_5B\_NTNV\_XDB

| Band: CA_5B / NTNV |            |                 |               |                      |       |         |
|--------------------|------------|-----------------|---------------|----------------------|-------|---------|
| BW (MHz)           | Modulation | Frequency (MHz) | RB Allocation | 26dB Bandwidth (MHz) |       | Verdict |
|                    |            |                 |               | Sum                  | Limit |         |
| CC1:3              | CC1:       | CC1:825.5       | CC1: 15@0     | 7.87                 | /     | Pass    |

|                 |                                  |                        |                        |       |   |      |
|-----------------|----------------------------------|------------------------|------------------------|-------|---|------|
| CC2:5           | QPSK<br>CC2:<br>QPSK             | CC2:829.4              | CC2: 25@0              |       |   |      |
|                 |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.95  | / | Pass |
|                 |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.87  | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.90  | / | Pass |
|                 |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.91  | / | Pass |
|                 |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.87  | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.88  | / | Pass |
|                 |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.89  | / | Pass |
|                 |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 7.86  | / | Pass |
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:825.5<br>CC2:829.4 | CC1: 15@0<br>CC2: 25@0 | 7.89  | / | Pass |
|                 |                                  | CC1:834.1<br>CC2:838   | CC1: 15@0<br>CC2: 25@0 | 7.89  | / | Pass |
|                 |                                  | CC1:842.6<br>CC2:846.5 | CC1: 15@0<br>CC2: 25@0 | 8.33  | / | Pass |
| CC1:5<br>CC2:3  | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.90  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 8.01  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.92  | / | Pass |
|                 | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.92  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.91  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.95  | / | Pass |
|                 | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.92  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.90  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.91  | / | Pass |
|                 | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:830.4 | CC1: 25@0<br>CC2: 15@0 | 7.92  | / | Pass |
|                 |                                  | CC1:835.1<br>CC2:839   | CC1: 25@0<br>CC2: 15@0 | 7.98  | / | Pass |
|                 |                                  | CC1:843.6<br>CC2:847.5 | CC1: 25@0<br>CC2: 15@0 | 7.90  | / | Pass |
| CC1:5<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 14.65 | / | Pass |
|                 |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.62 | / | Pass |
|                 |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 14.68 | / | Pass |
|                 | CC1:                             | CC1:826.5              | CC1: 25@0              | 14.52 | / | Pass |

|                  |                                  |                        |                        |       |   |      |
|------------------|----------------------------------|------------------------|------------------------|-------|---|------|
|                  | 16QAM<br>CC2:<br>16QAM           | CC2:833.7              | CC2: 50@0              |       |   |      |
|                  |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.70 | / | Pass |
|                  |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 14.68 | / | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 14.53 | / | Pass |
|                  |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.65 | / | Pass |
|                  |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 14.69 | / | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:826.5<br>CC2:833.7 | CC1: 25@0<br>CC2: 50@0 | 14.53 | / | Pass |
|                  |                                  | CC1:831.7<br>CC2:838.9 | CC1: 25@0<br>CC2: 50@0 | 14.71 | / | Pass |
|                  |                                  | CC1:836.8<br>CC2:844   | CC1: 25@0<br>CC2: 50@0 | 14.61 | / | Pass |
| CC1:10<br>CC2:5  | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.62 | / | Pass |
|                  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 14.63 | / | Pass |
|                  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 14.65 | / | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.64 | / | Pass |
|                  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 19.63 | / | Pass |
|                  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 14.89 | / | Pass |
|                  | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.69 | / | Pass |
|                  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 17.49 | / | Pass |
|                  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 14.60 | / | Pass |
|                  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:836.2   | CC1: 50@0<br>CC2: 25@0 | 14.62 | / | Pass |
|                  |                                  | CC1:834.2<br>CC2:841.4 | CC1: 50@0<br>CC2: 25@0 | 14.88 | / | Pass |
|                  |                                  | CC1:839.3<br>CC2:846.5 | CC1: 50@0<br>CC2: 25@0 | 14.62 | / | Pass |
| CC1:10<br>CC2:10 | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:829<br>CC2:838.9   | CC1: 50@0<br>CC2: 50@0 | 19.61 | / | Pass |
|                  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.72 | / | Pass |
|                  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.70 | / | Pass |
|                  | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:829<br>CC2:838.9   | CC1: 50@0<br>CC2: 50@0 | 19.58 | / | Pass |
|                  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.74 | / | Pass |
|                  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.66 | / | Pass |
|                  | CC1:                             | CC1:829                | CC1: 50@0              | 19.63 | / | Pass |

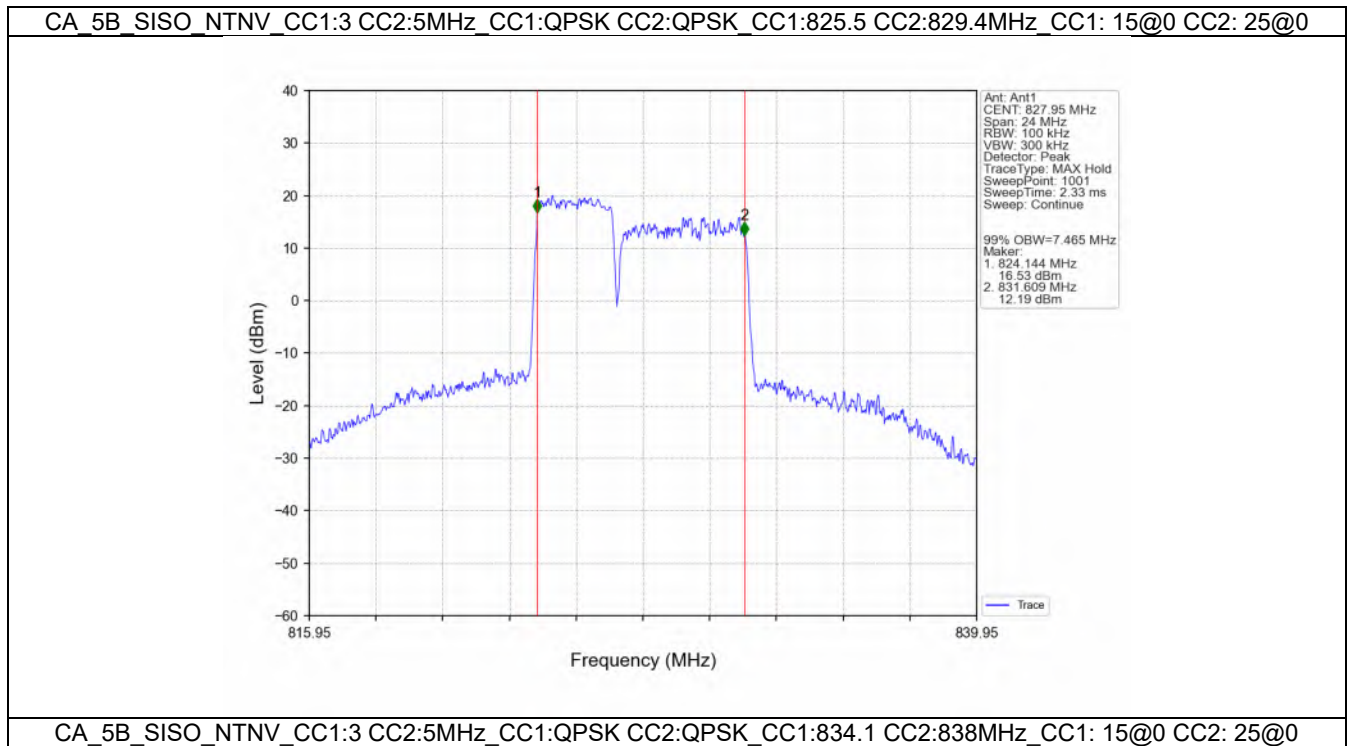


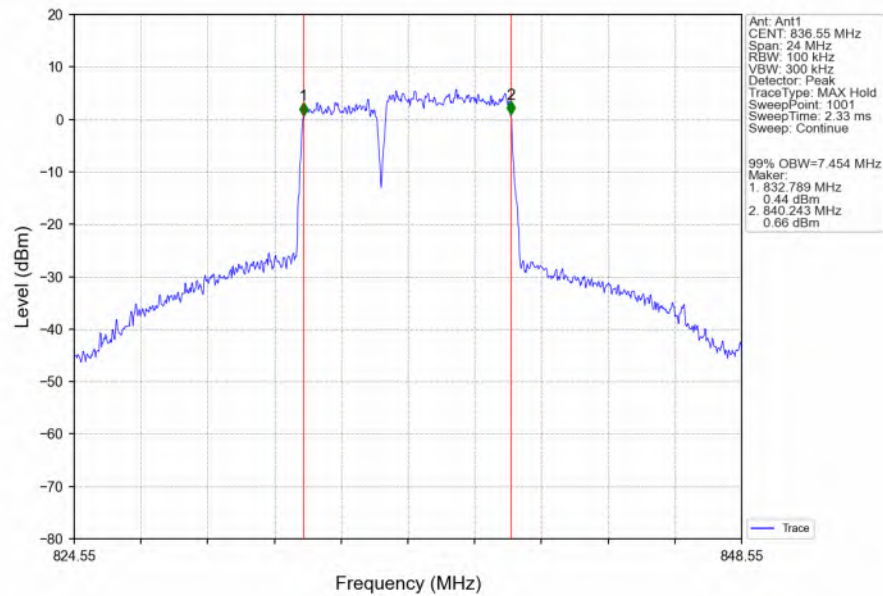
Report No.: SUCR260400030106  
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|  |                                  |                        |                        |       |   |      |
|--|----------------------------------|------------------------|------------------------|-------|---|------|
|  | 64QAM<br>CC2:<br>64QAM           | CC2:838.9              | CC2: 50@0              |       |   |      |
|  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.72 | / | Pass |
|  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.68 | / | Pass |
|  | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:829<br>CC2:838.9   | CC1: 50@0<br>CC2: 50@0 | 19.63 | / | Pass |
|  |                                  | CC1:831.6<br>CC2:841.5 | CC1: 50@0<br>CC2: 50@0 | 19.76 | / | Pass |
|  |                                  | CC1:834.1<br>CC2:844   | CC1: 50@0<br>CC2: 50@0 | 19.70 | / | Pass |

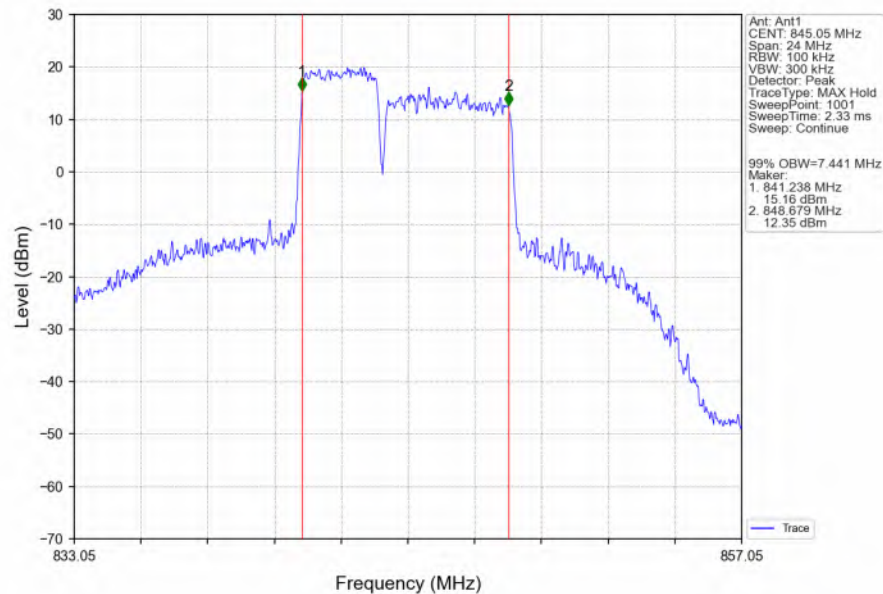
## 2.2 Test Graph

### 2.2.1 CA\_5B\_NTNV\_OBW

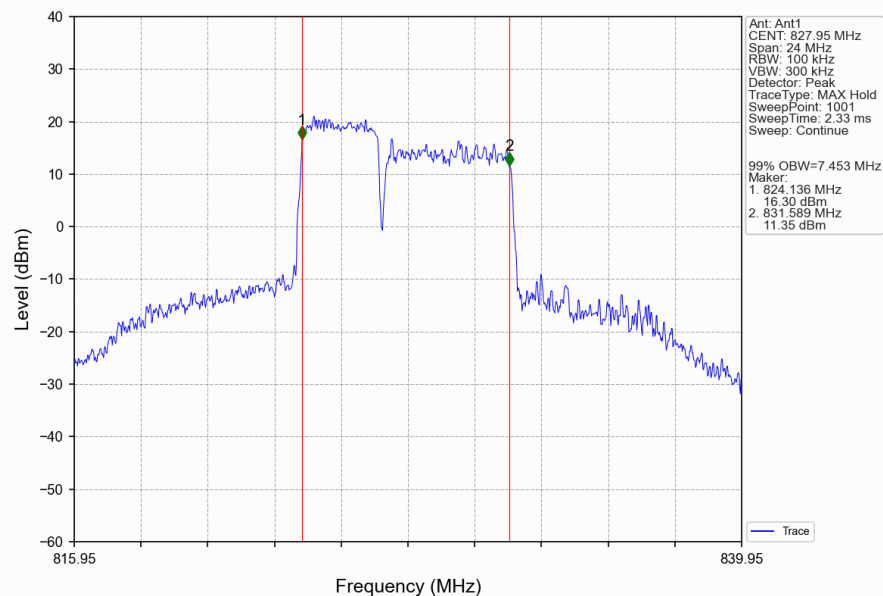




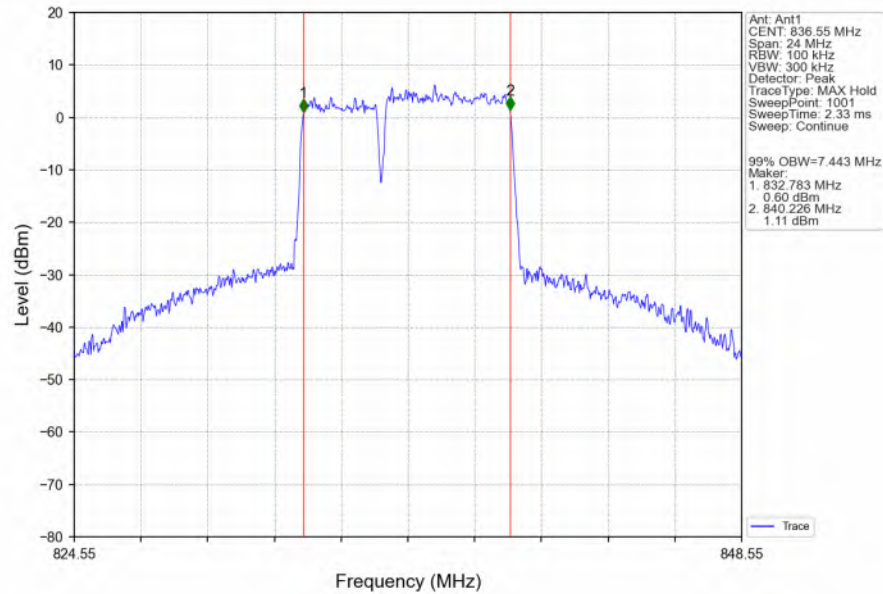
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



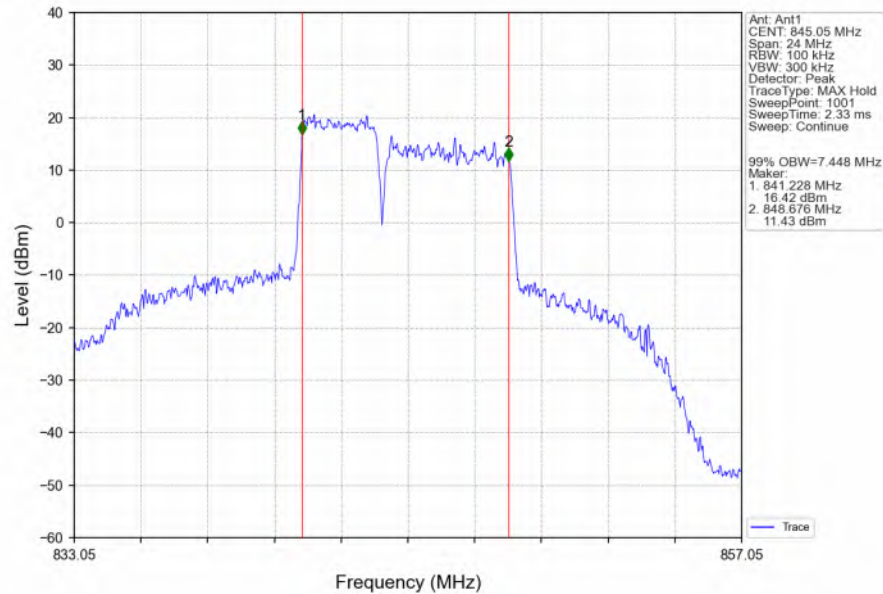
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



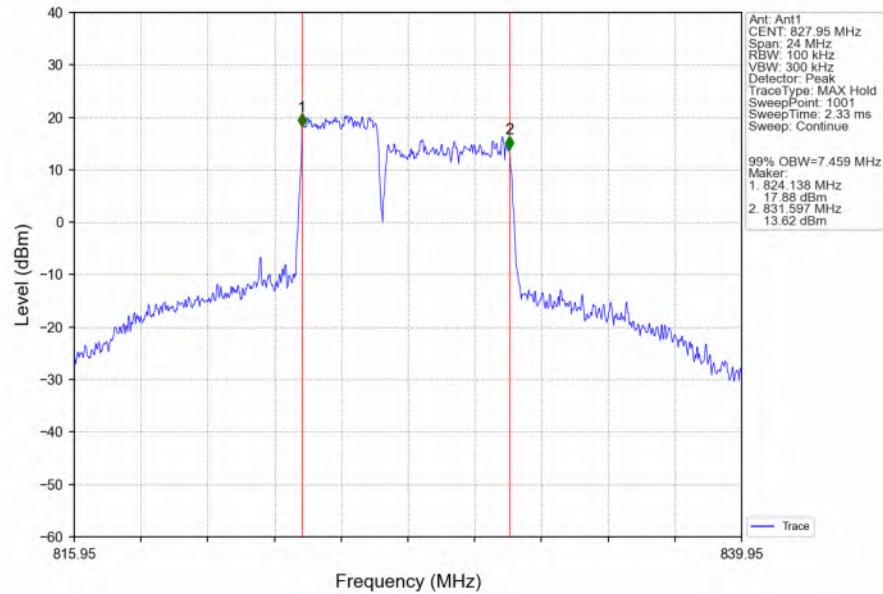
CA\_5B\_SISO\_NTNV\_CC1:3\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:834.1\_CC2:838MHz\_CC1: 15@0 CC2: 25@0



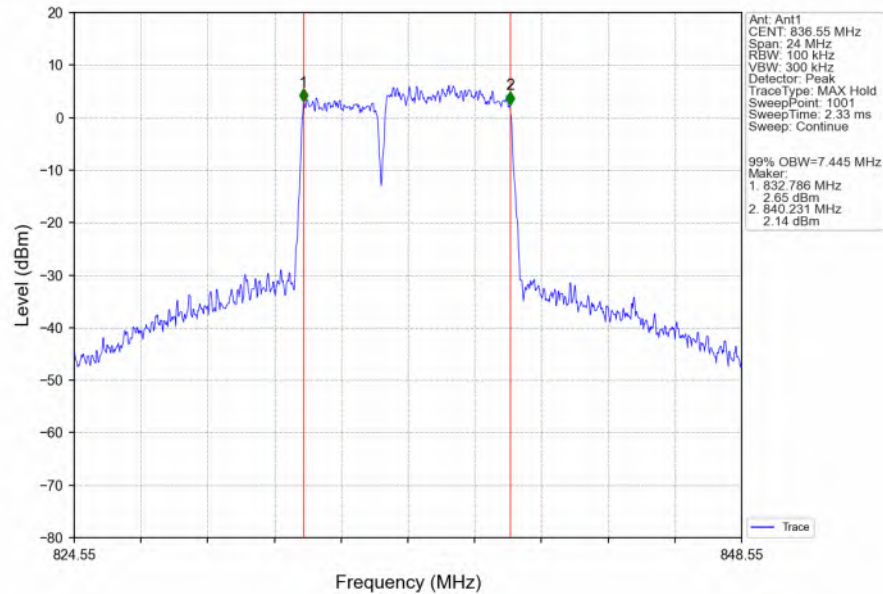
CA\_5B\_SISO\_NTNV\_CC1:3\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:842.6\_CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



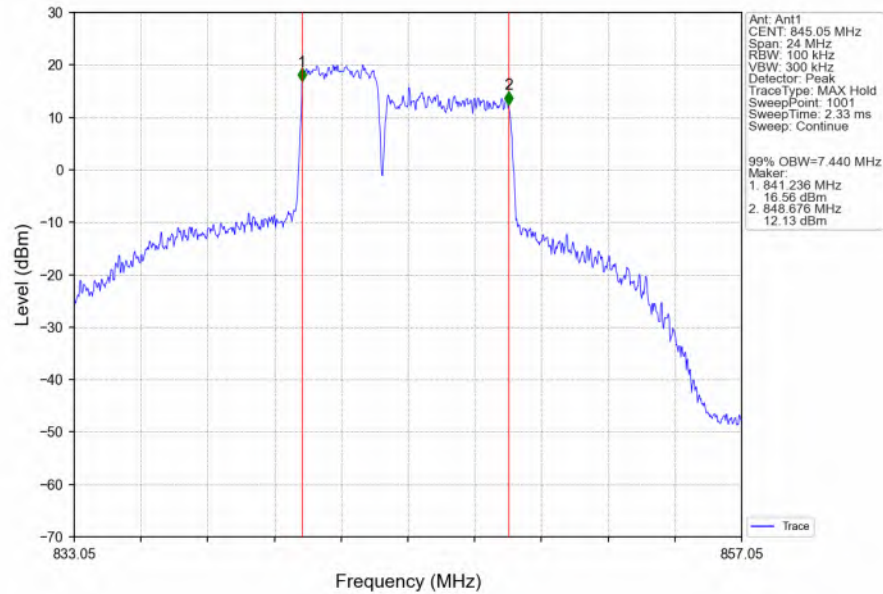
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



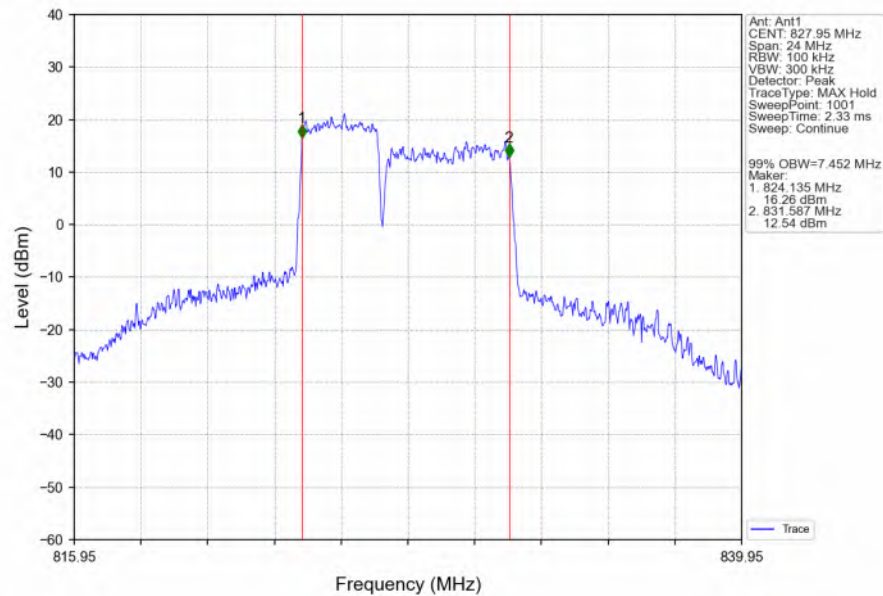
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



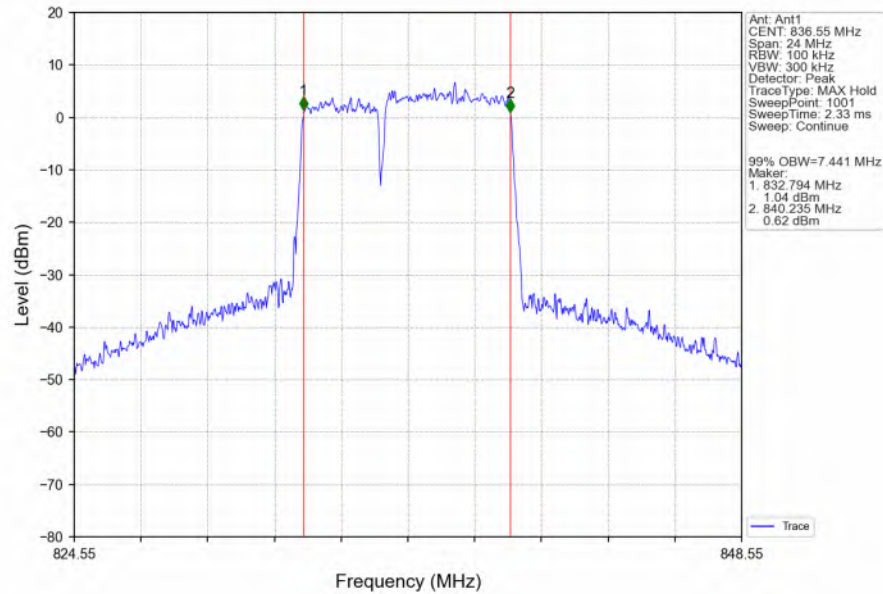
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



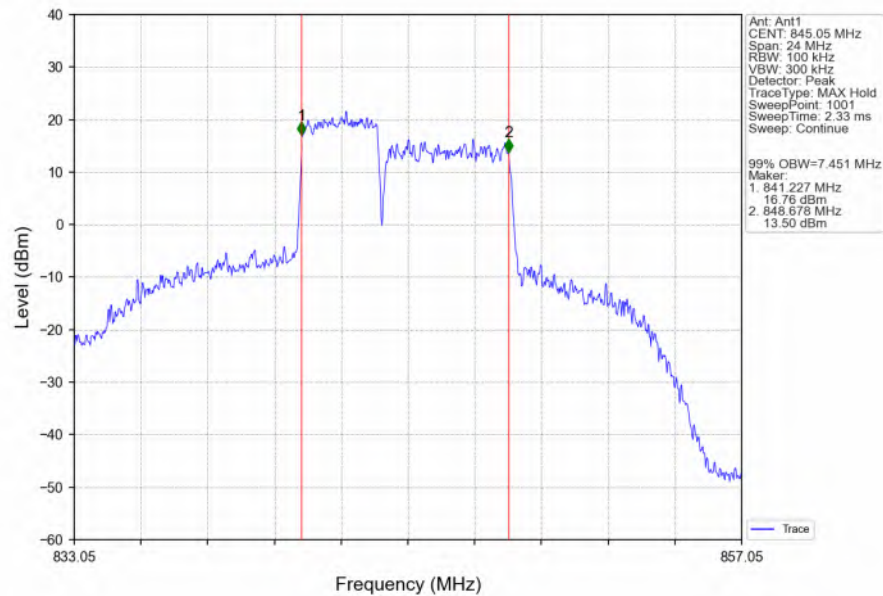
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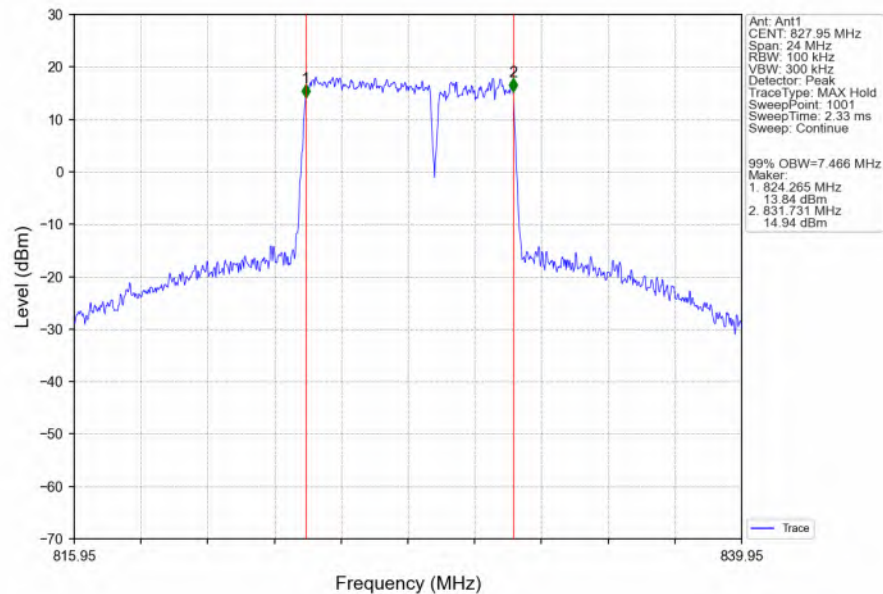
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



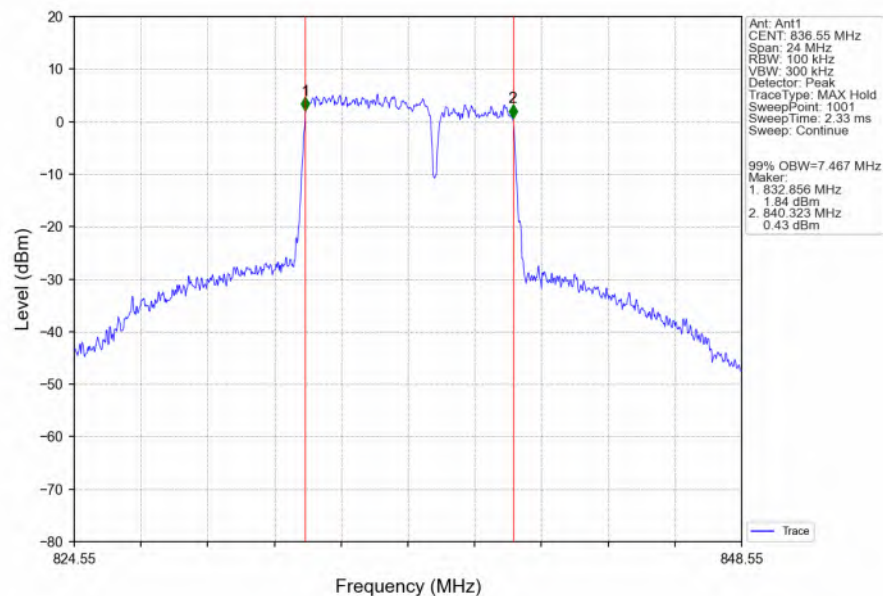
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



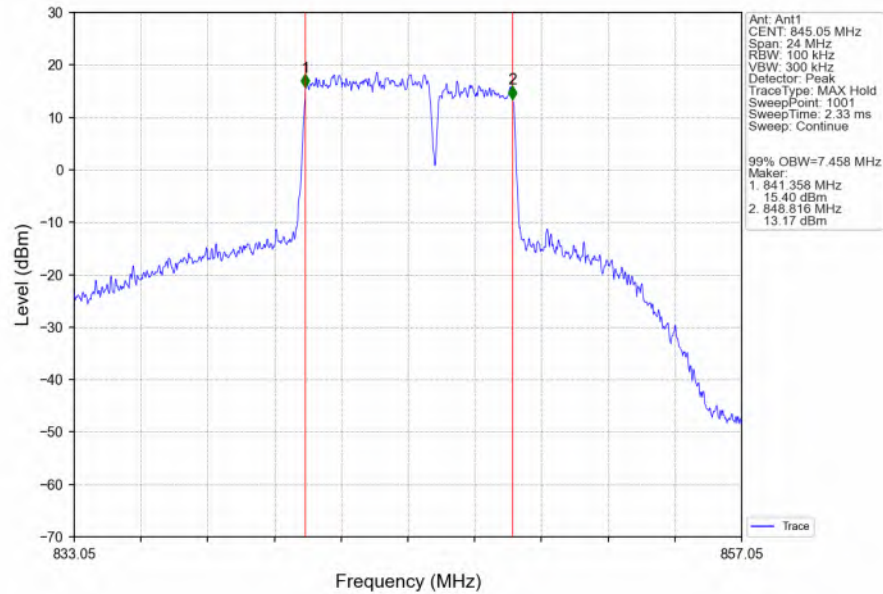
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK\_CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



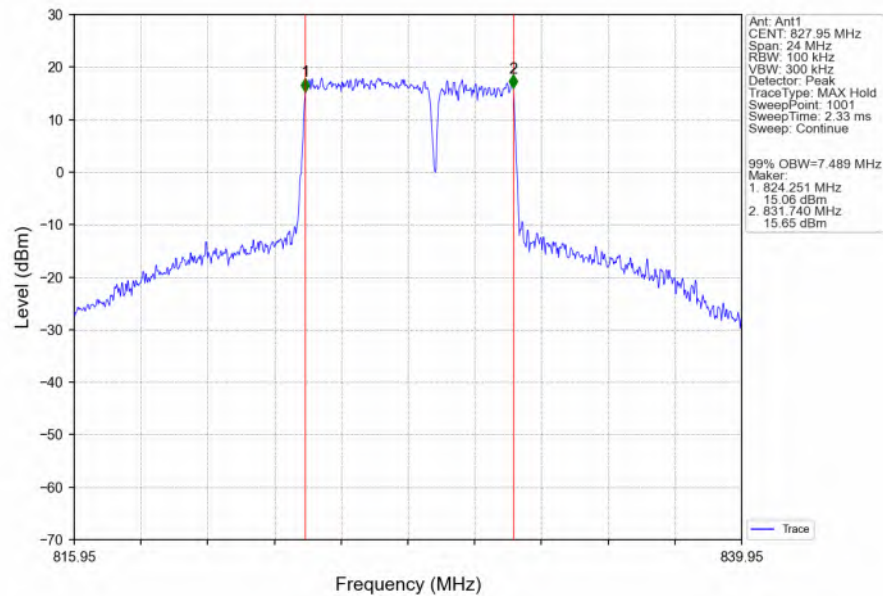
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK\_CC1:835.1 CC2:839MHz\_CC1: 25@0 CC2: 15@0



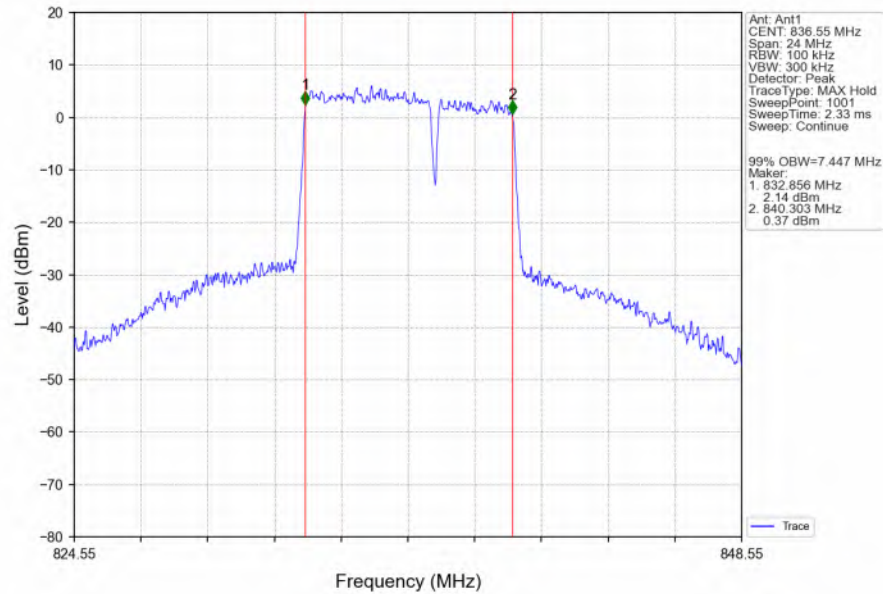
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:QPSK CC2:QPSK CC1:843.6 CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



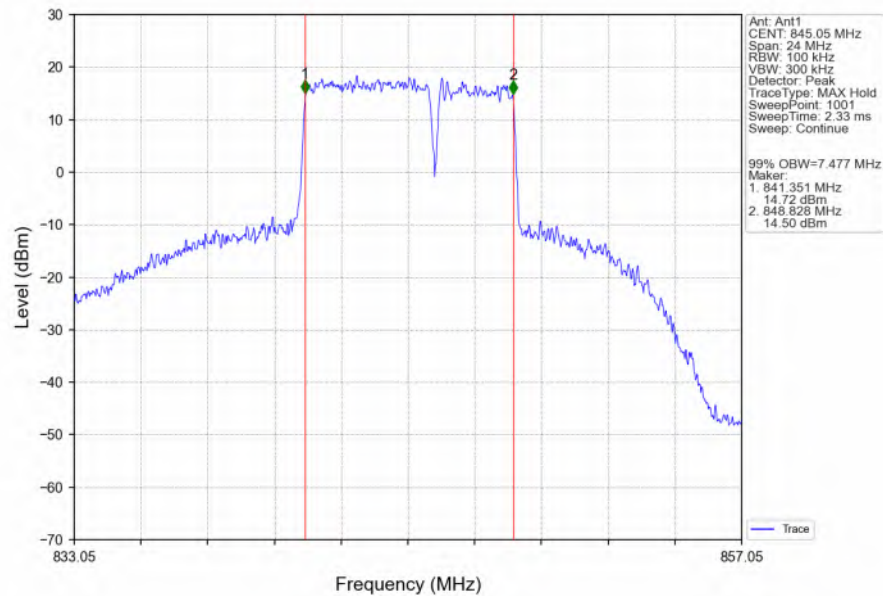
CA\_5B\_SISO\_NTNV\_CC1:5 CC2:3MHz\_CC1:16QAM CC2:16QAM CC1:826.5 CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



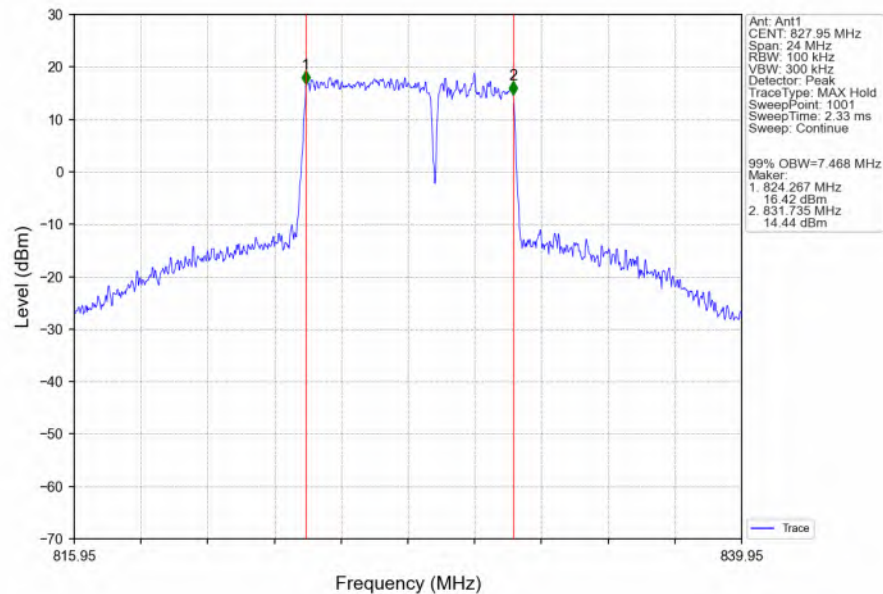
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:16QAM\_CC2:16QAM\_CC1:835.1\_CC2:839MHz\_CC1: 25@0 CC2: 15@0



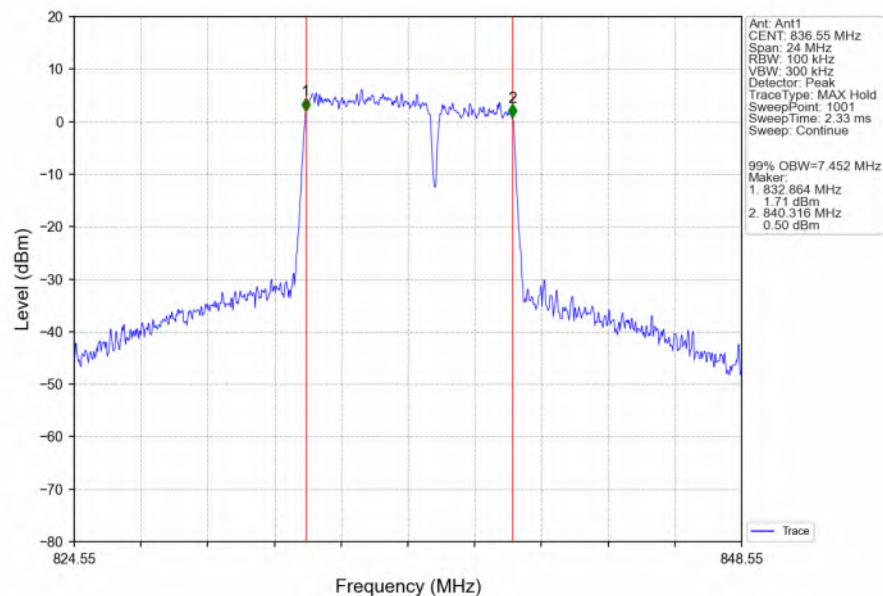
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:16QAM\_CC2:16QAM\_CC1:843.6\_CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



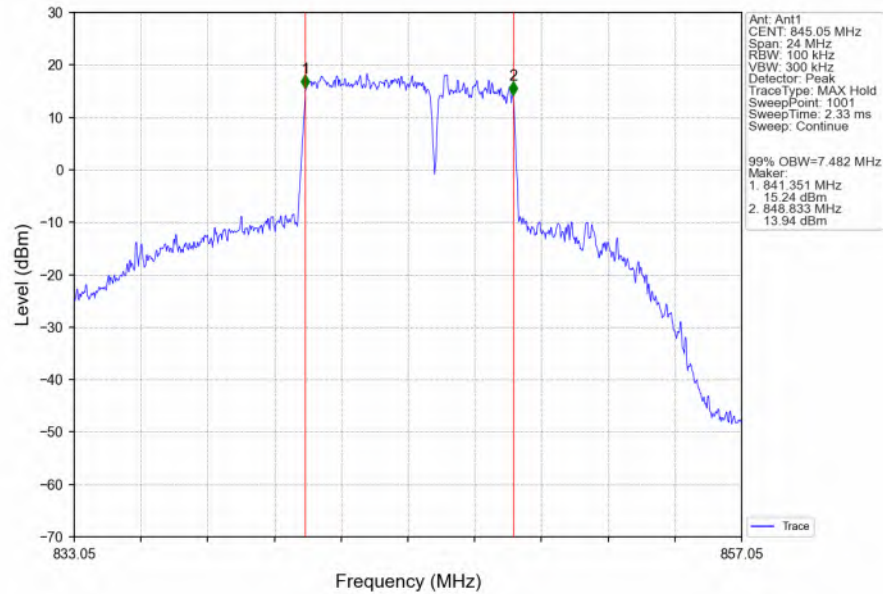
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:64QAM\_CC2:64QAM\_CC1:826.5\_CC2:830.4MHz\_CC1: 25@0 CC2: 15@0



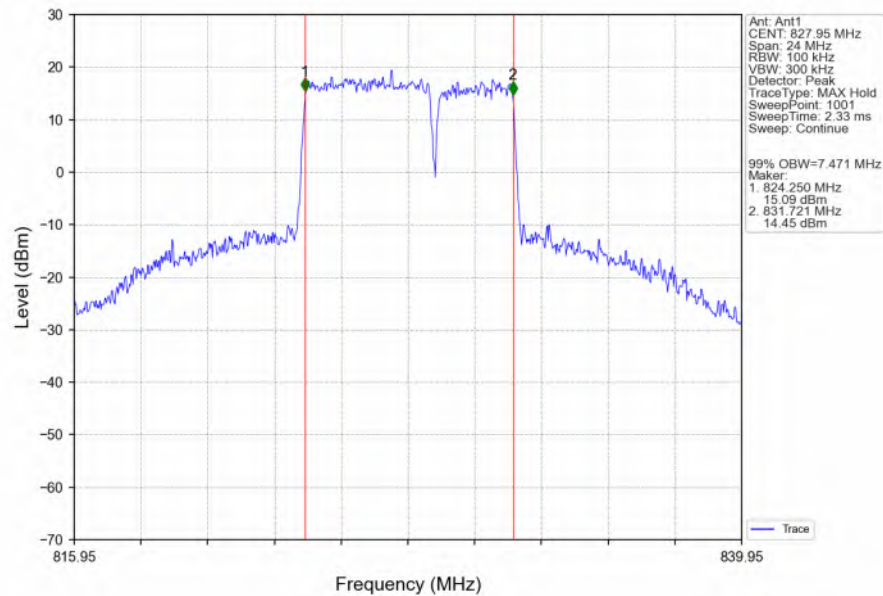
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:64QAM\_CC2:64QAM\_CC1:835.1\_CC2:839MHz\_CC1: 25@0 CC2: 15@0



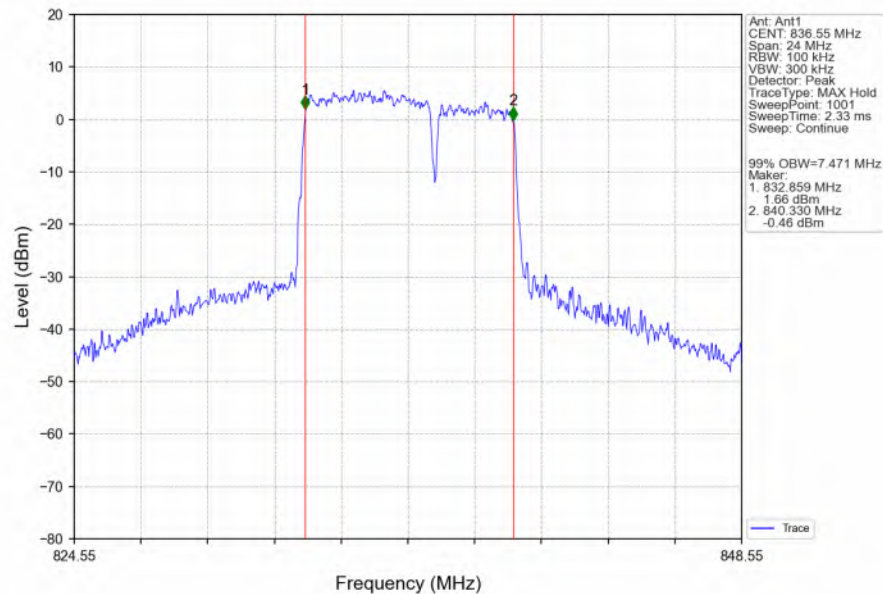
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:64QAM\_CC2:64QAM\_CC1:843.6\_CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



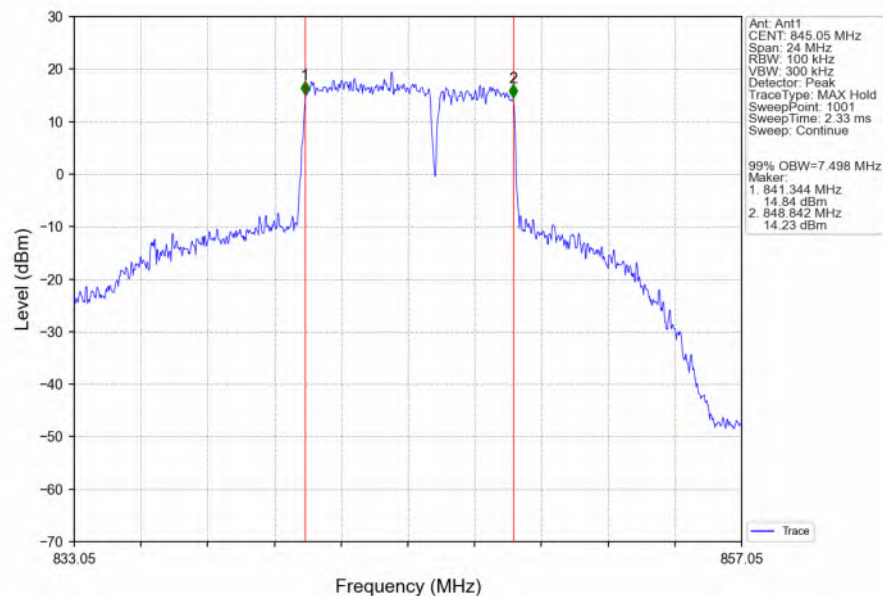
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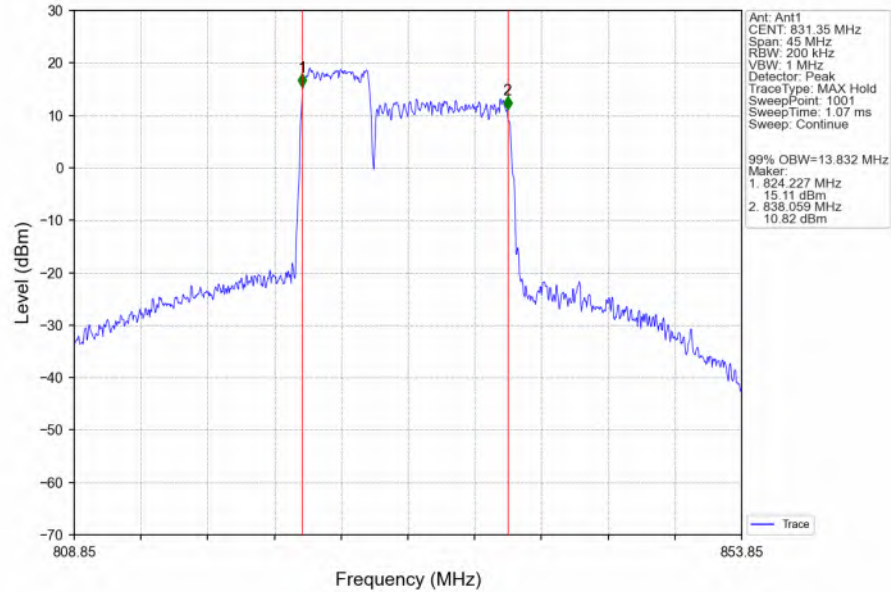
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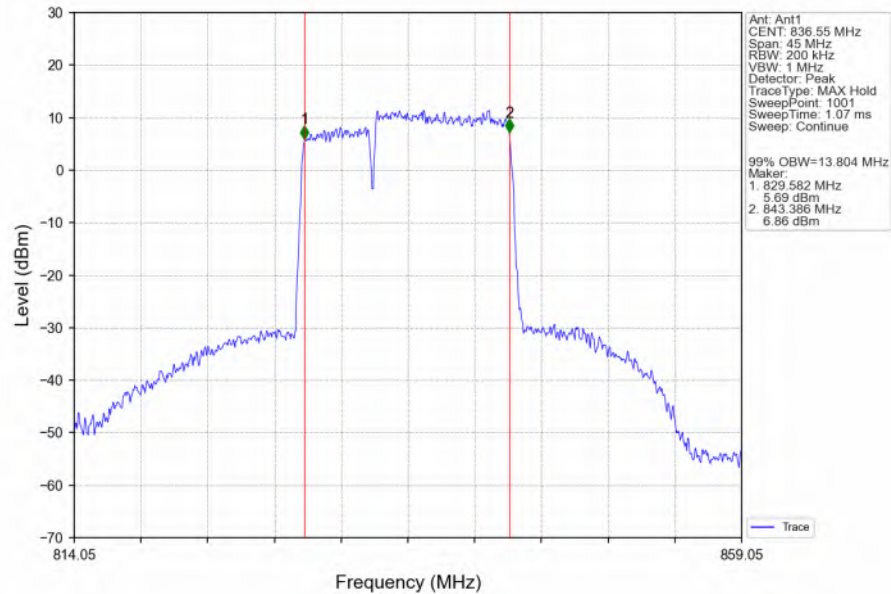
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:256QAM\_CC2:256QAM\_CC1:843.6\_CC2:847.5MHz\_CC1: 25@0 CC2: 15@0



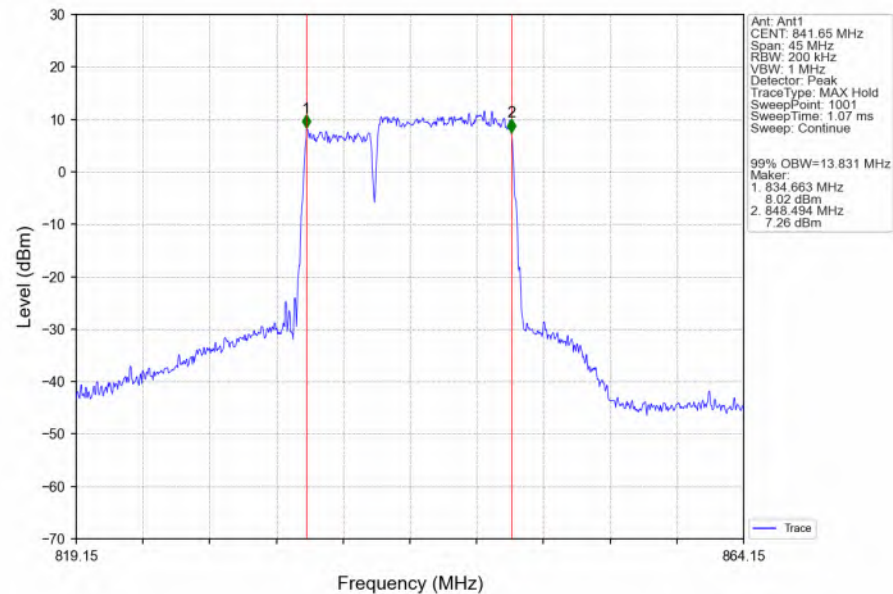
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



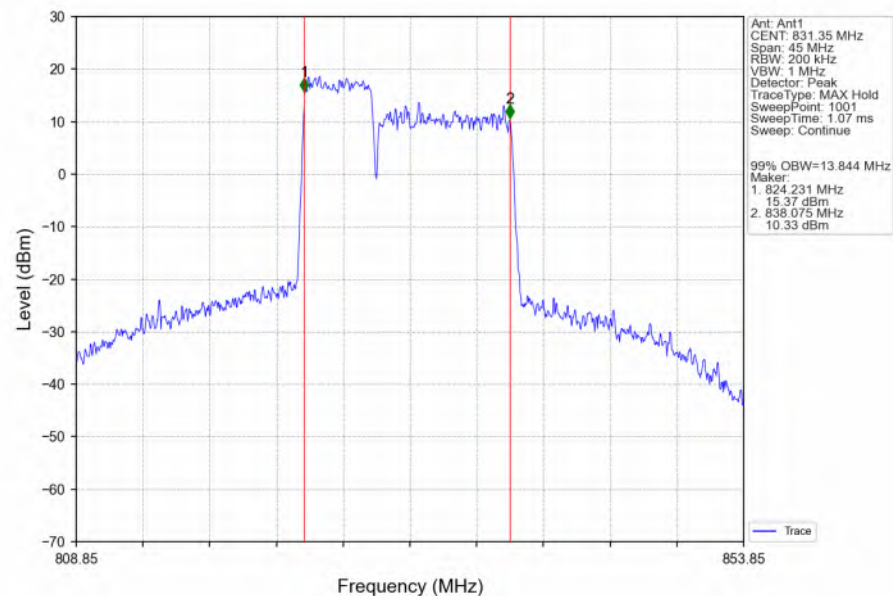
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



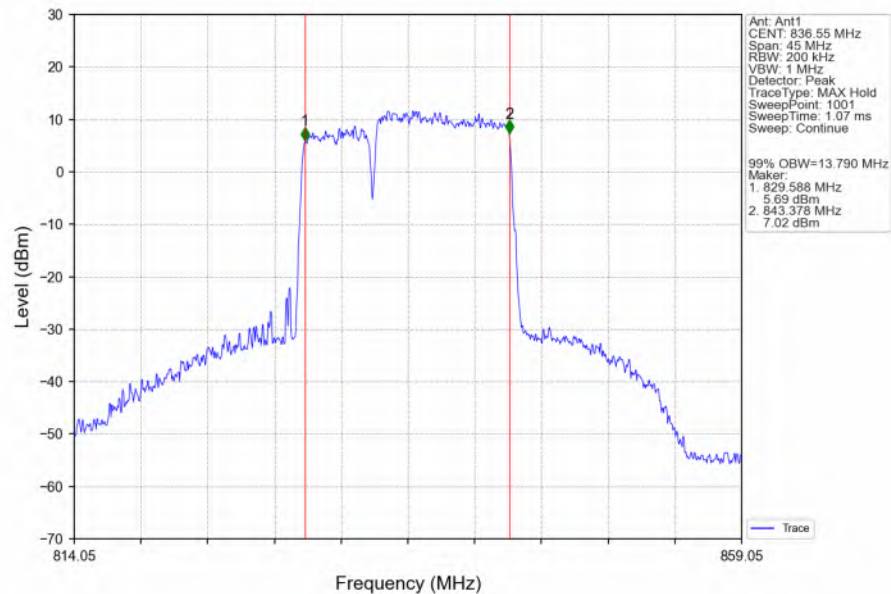
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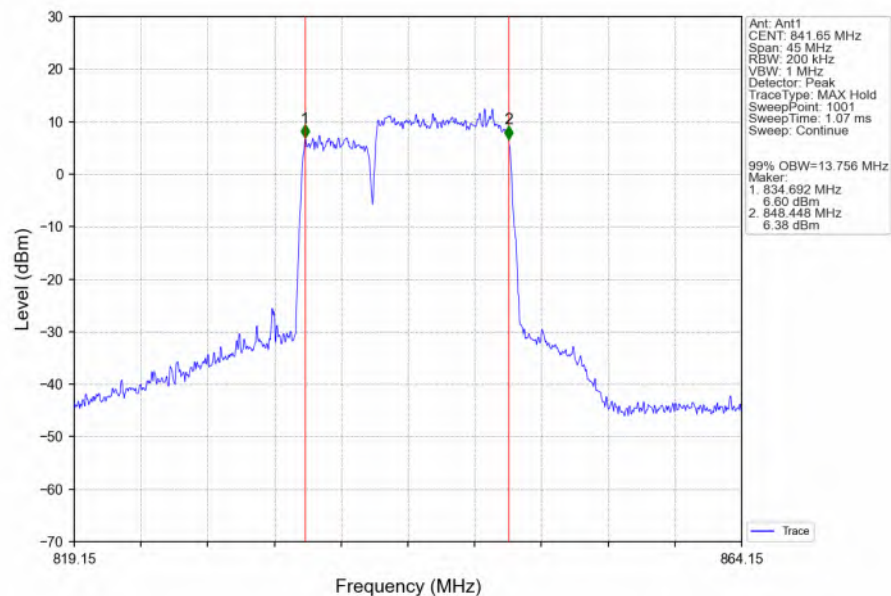
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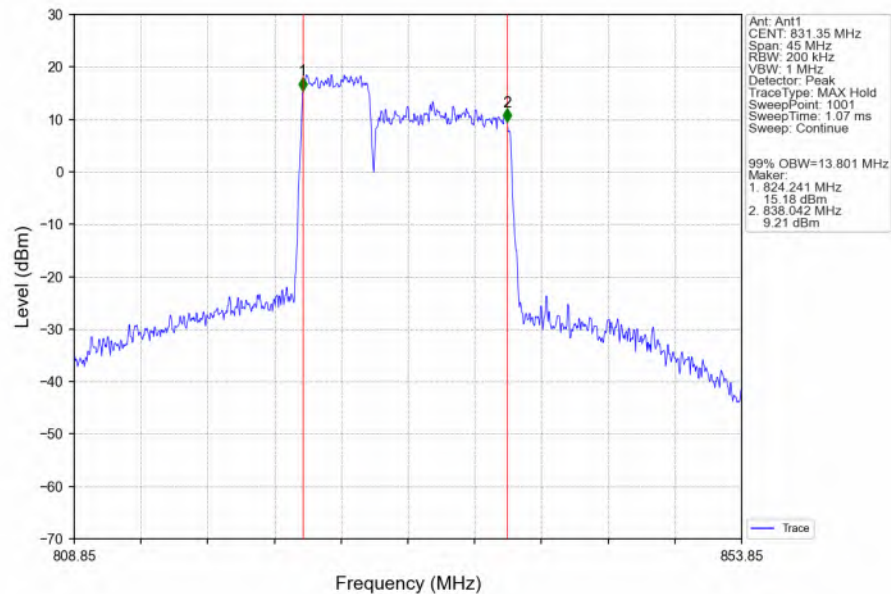
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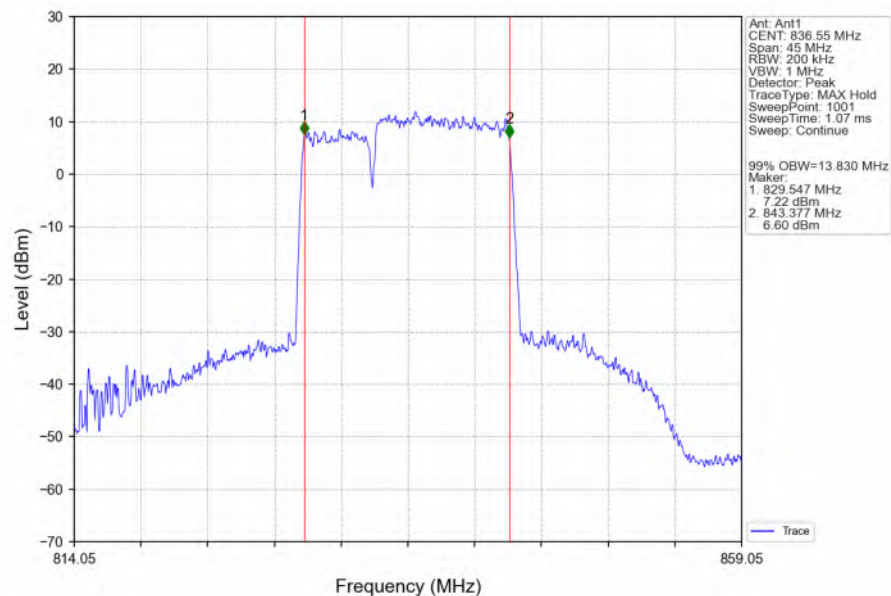
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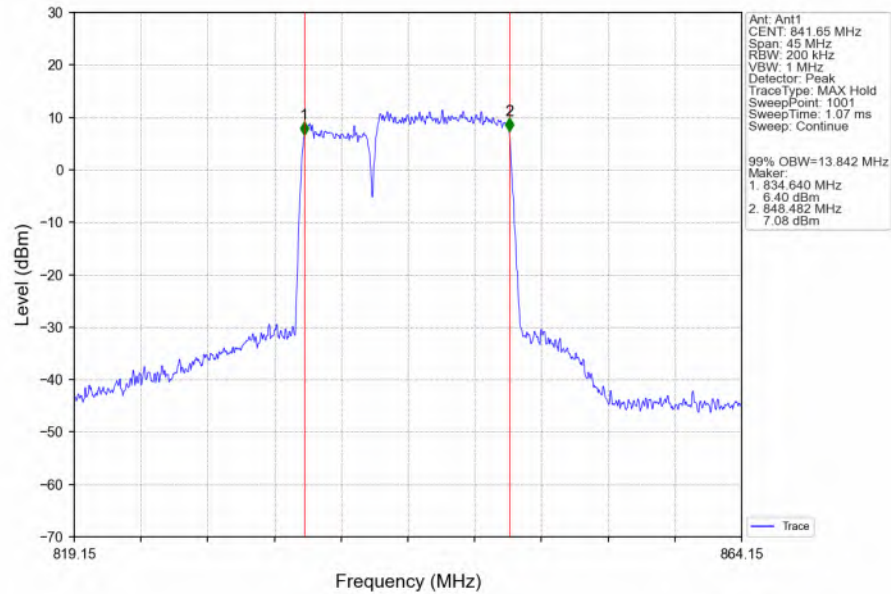
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



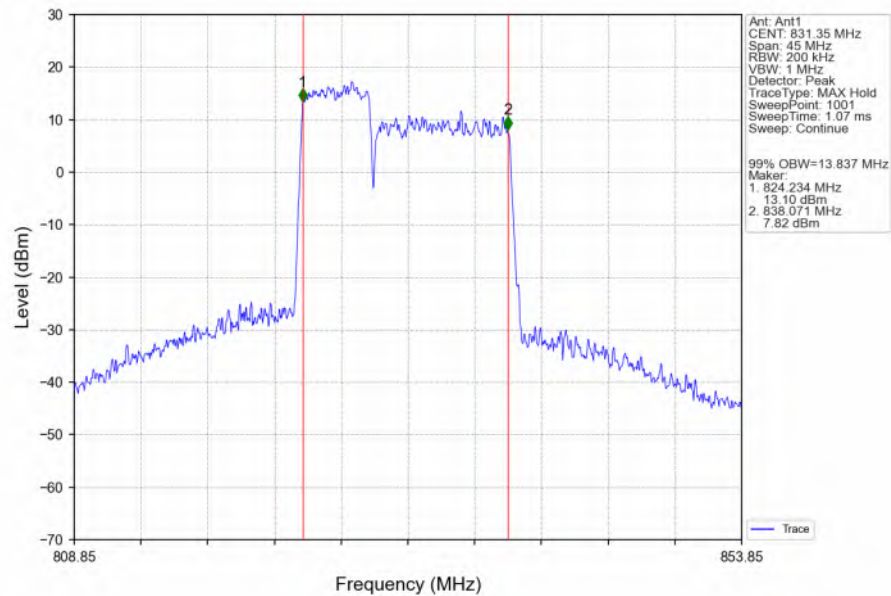
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



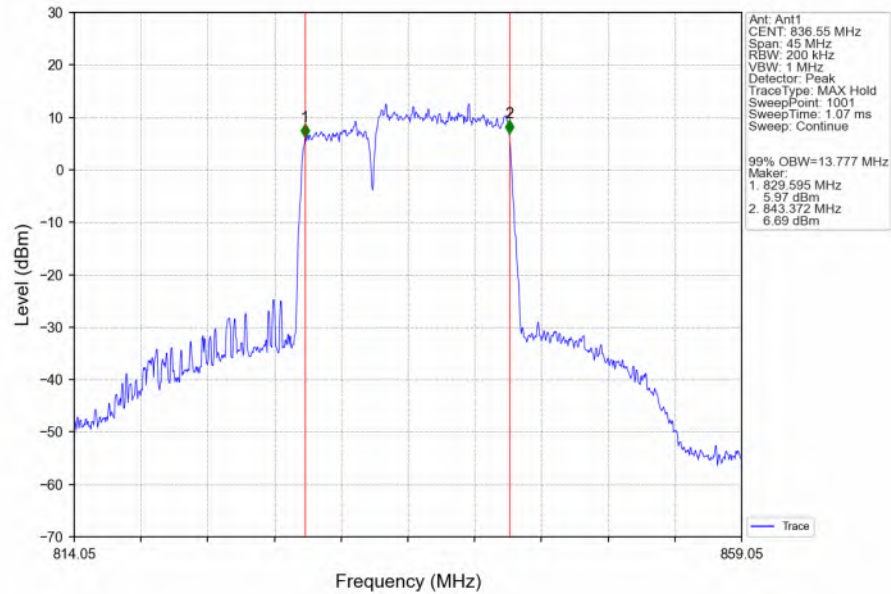
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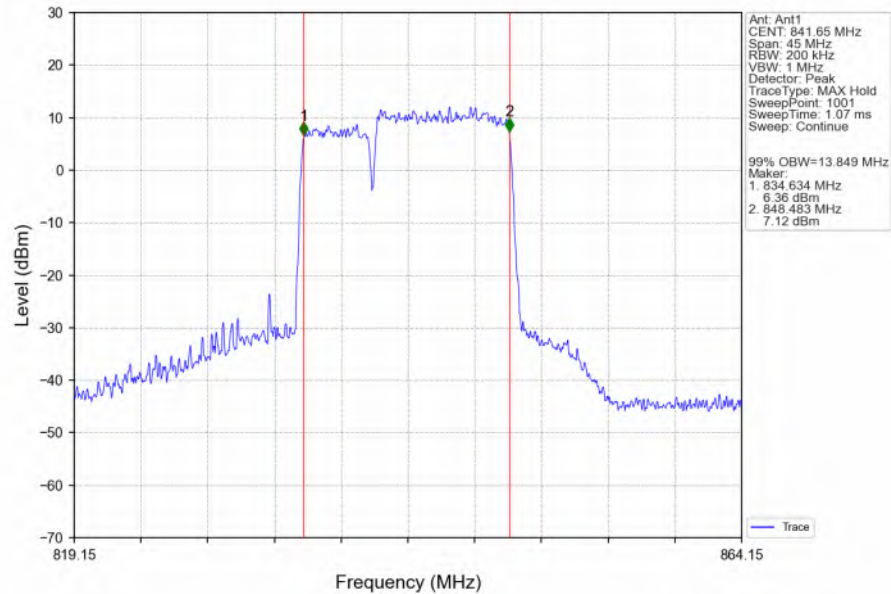
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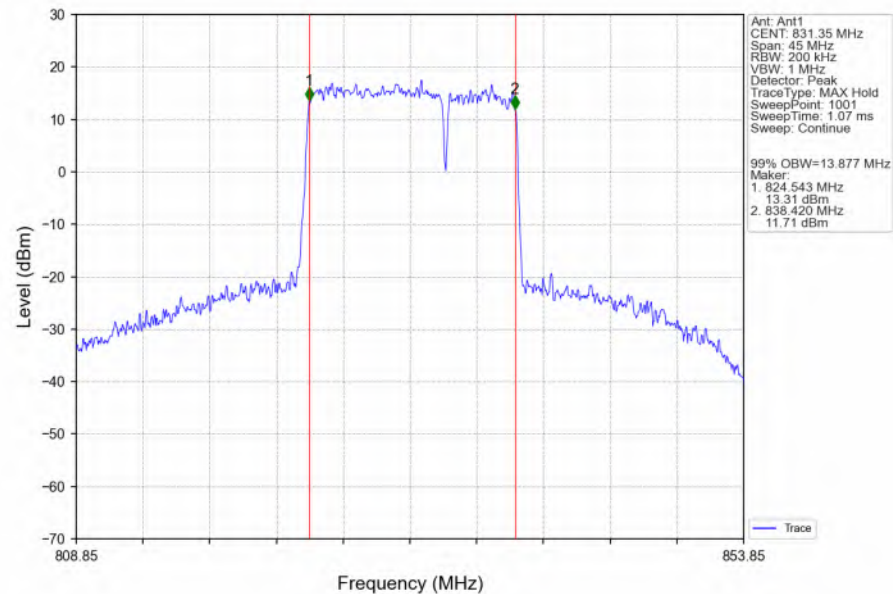
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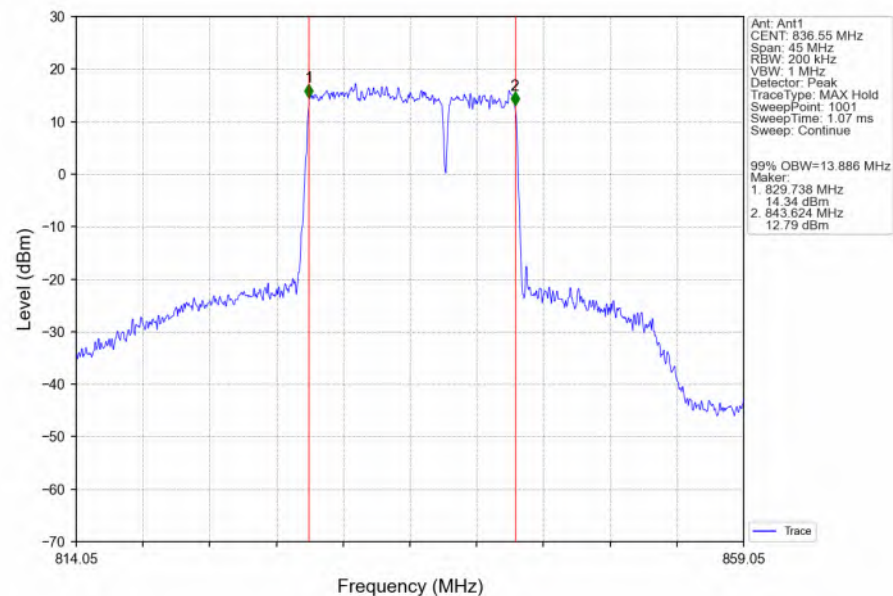
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0



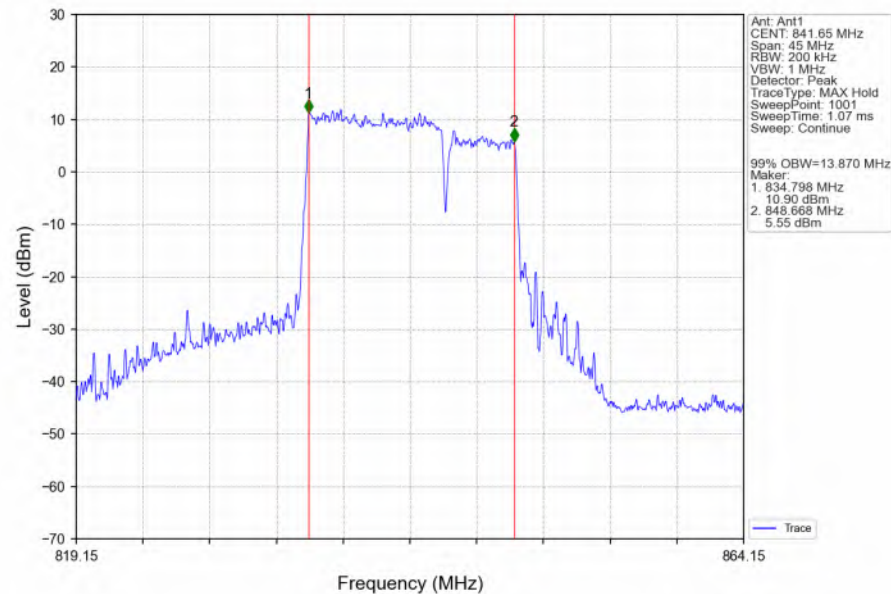
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



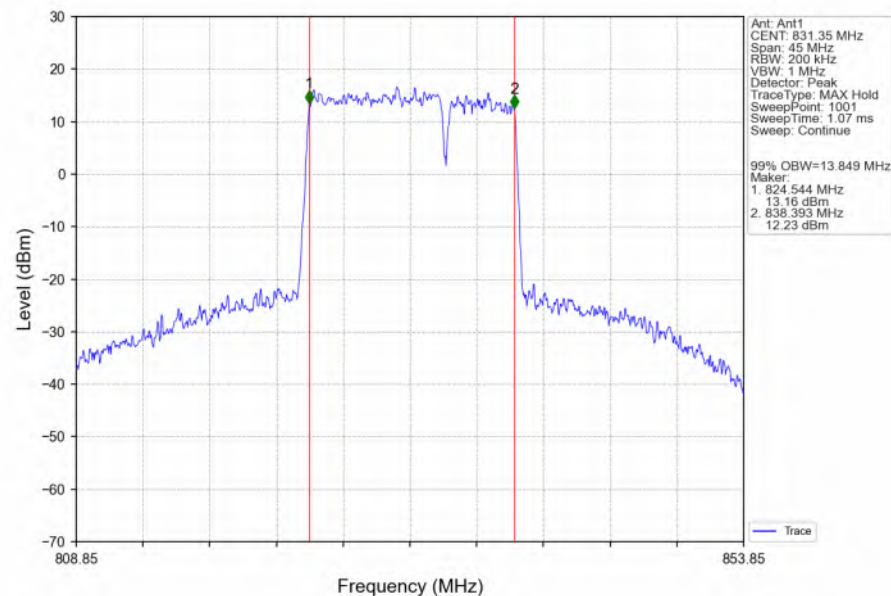
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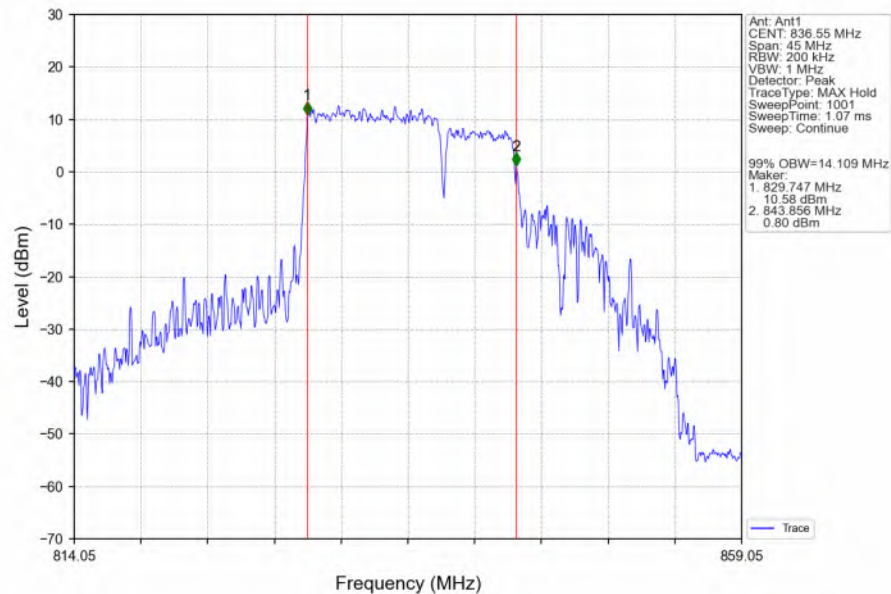
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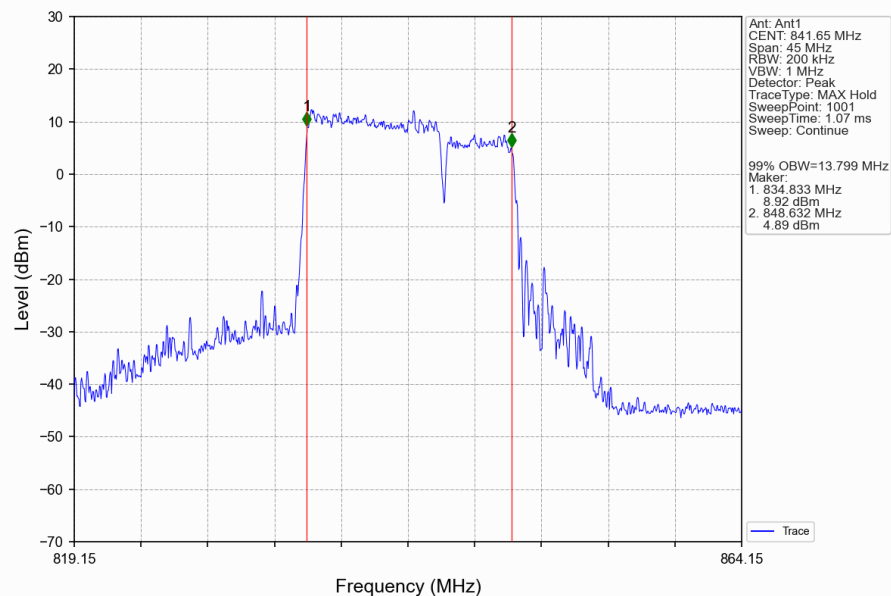
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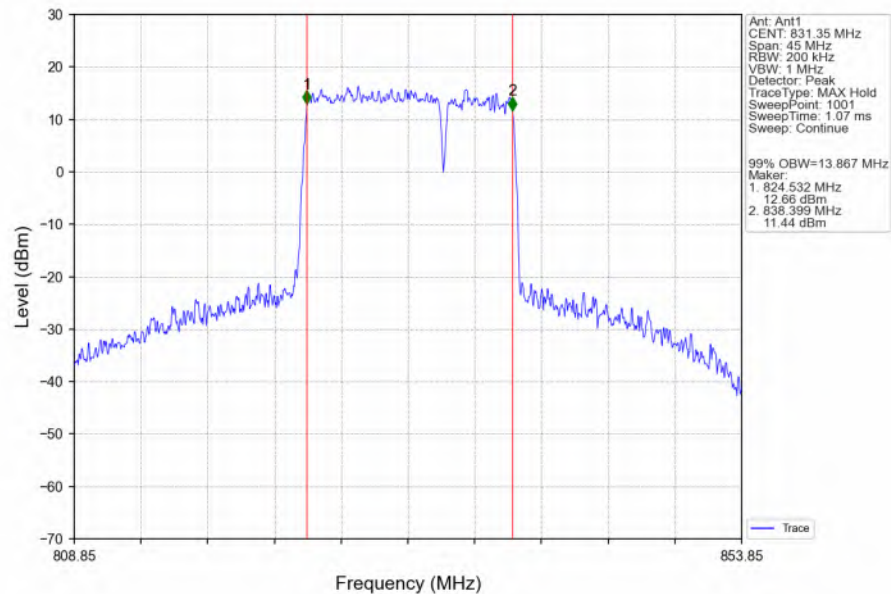
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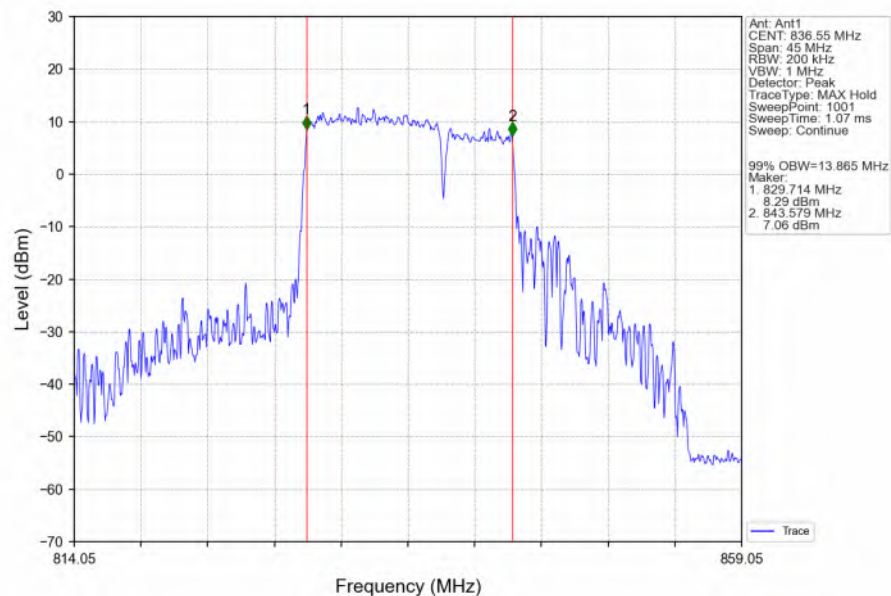
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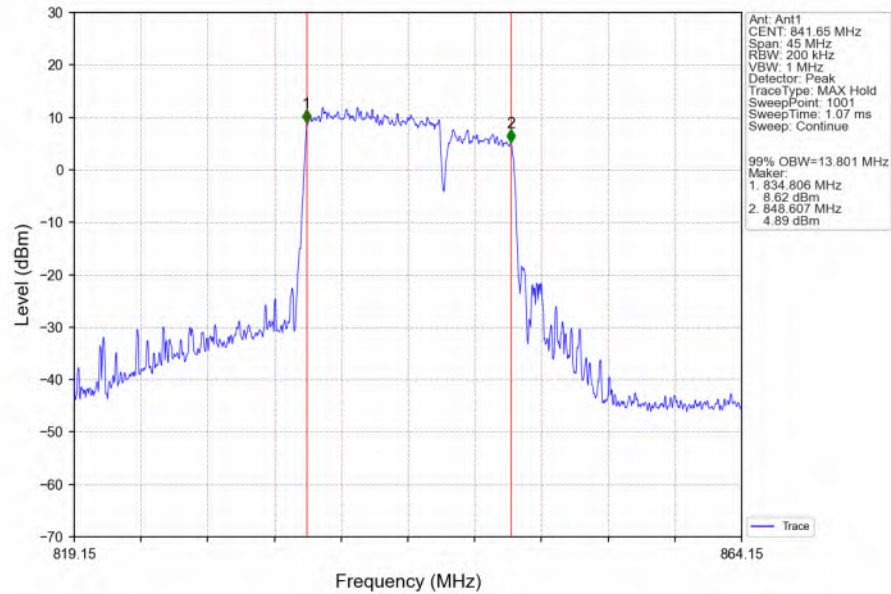
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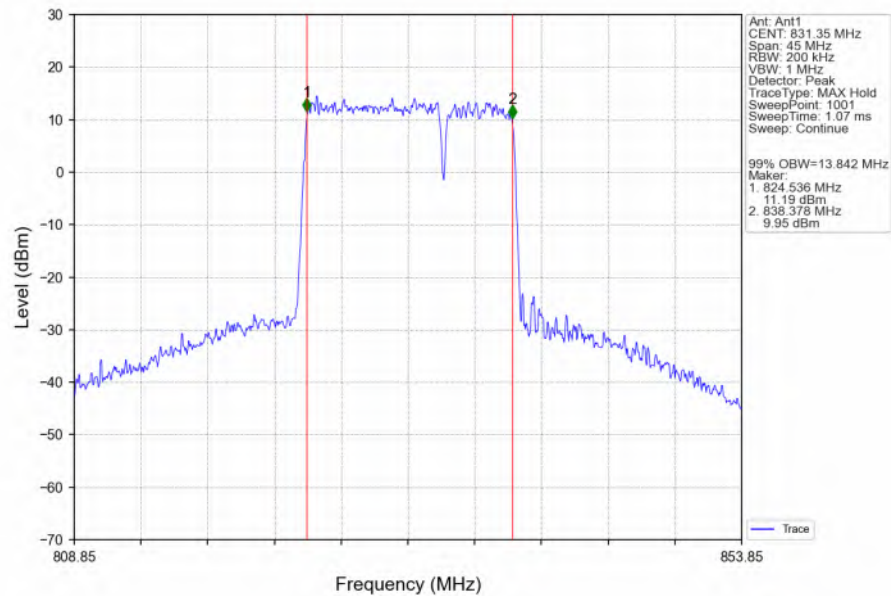
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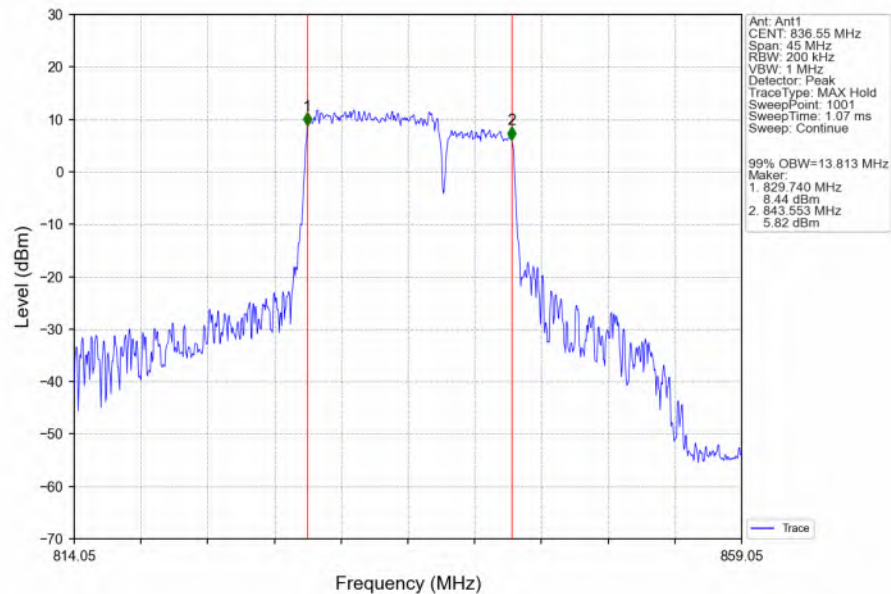
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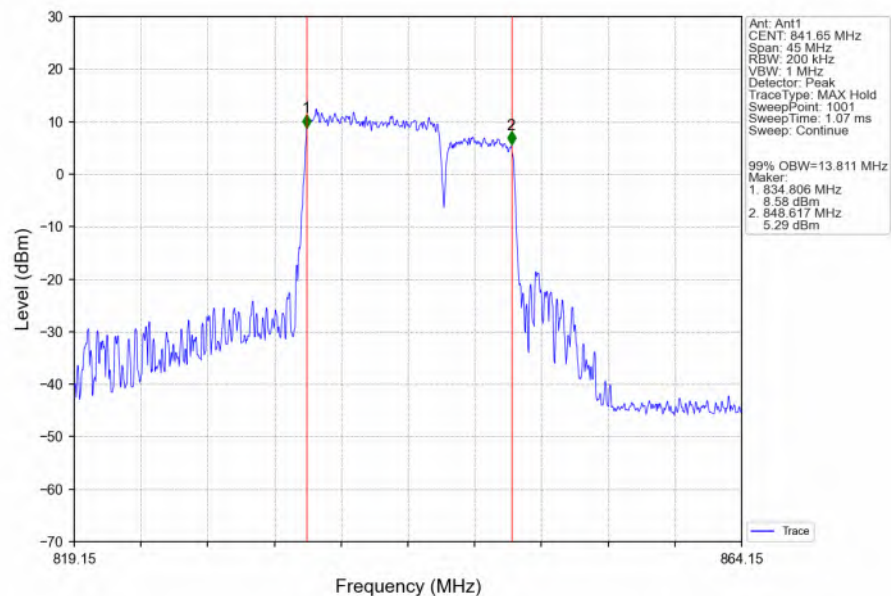
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:829\_CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



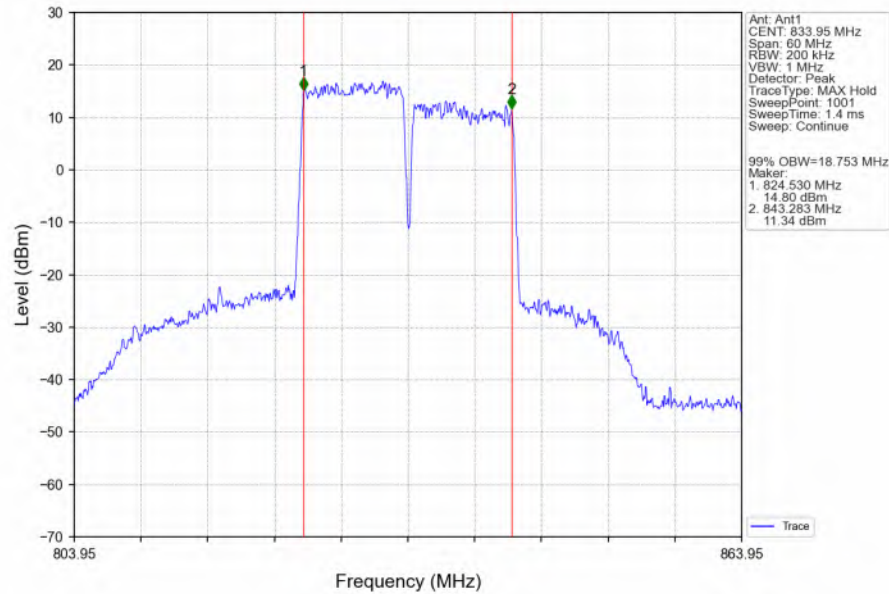
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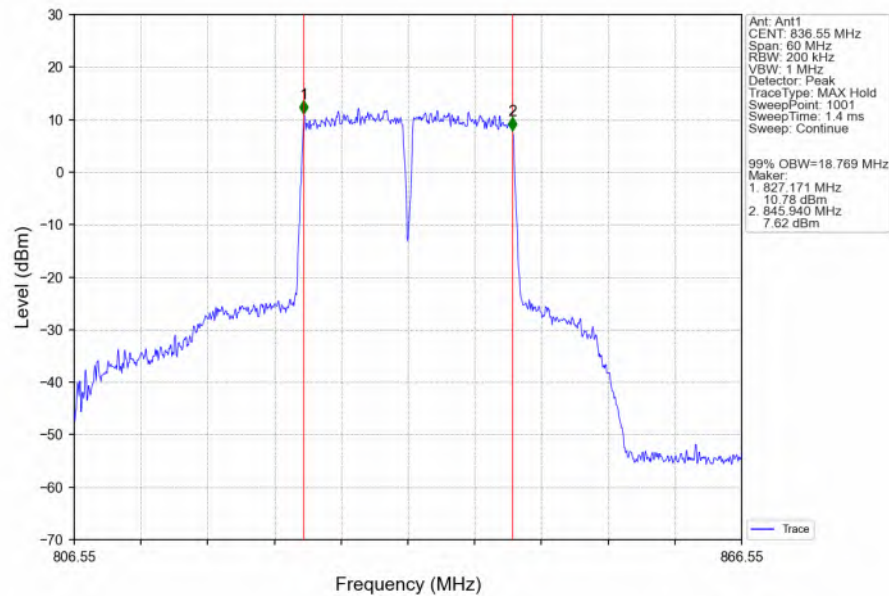
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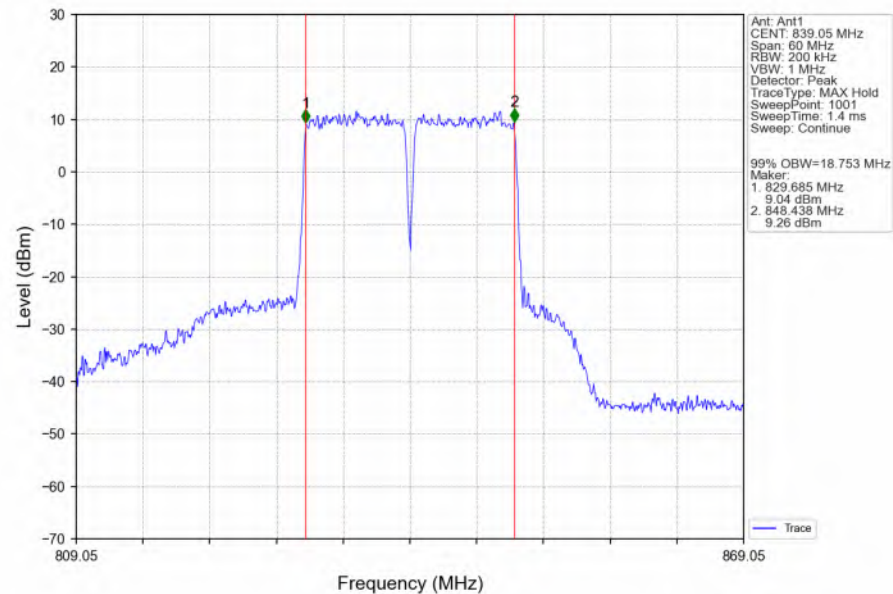
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



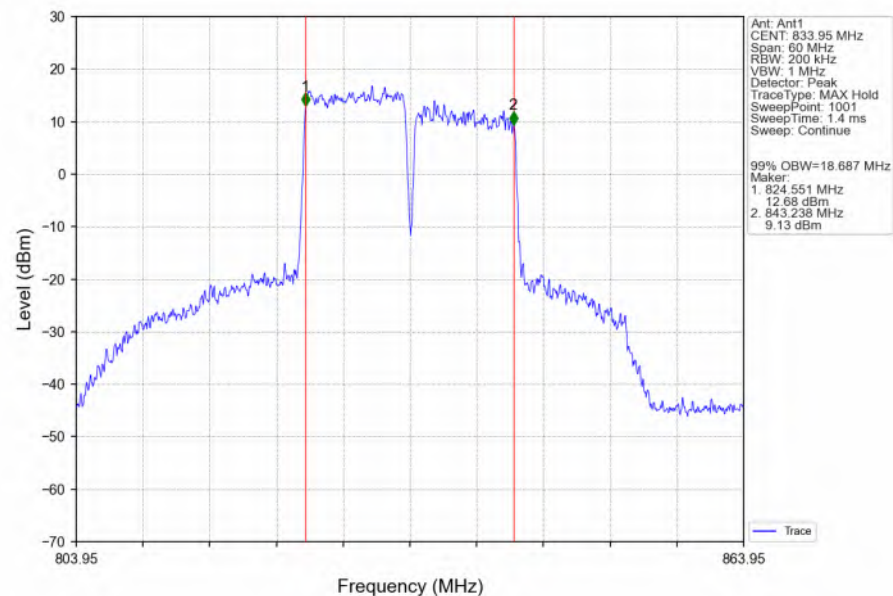
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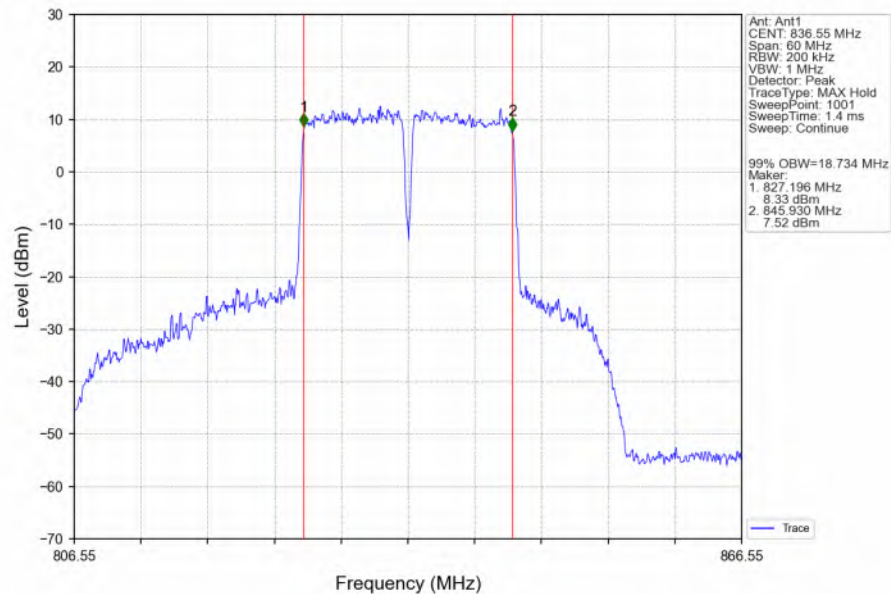
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:834.1\_CC2:844MHz\_CC1: 50@0 CC2: 50@0



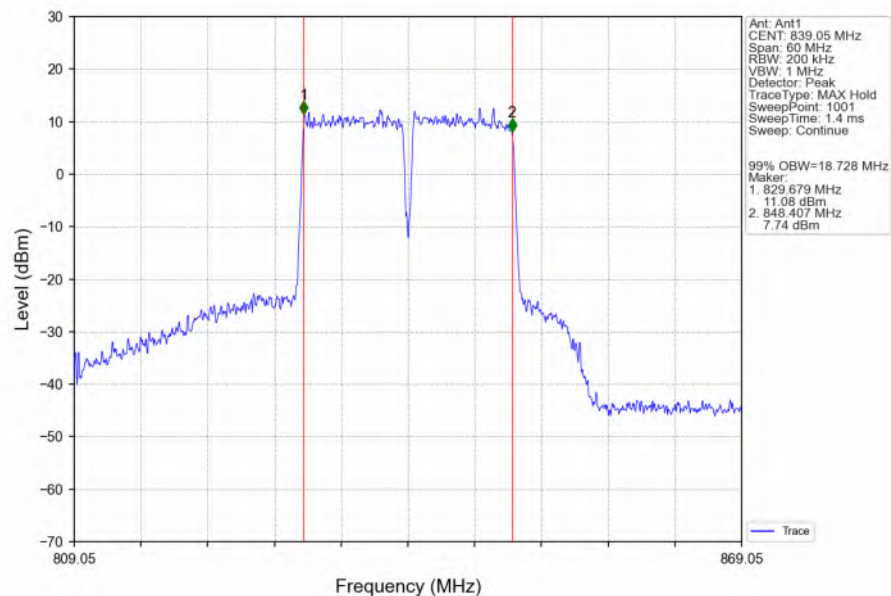
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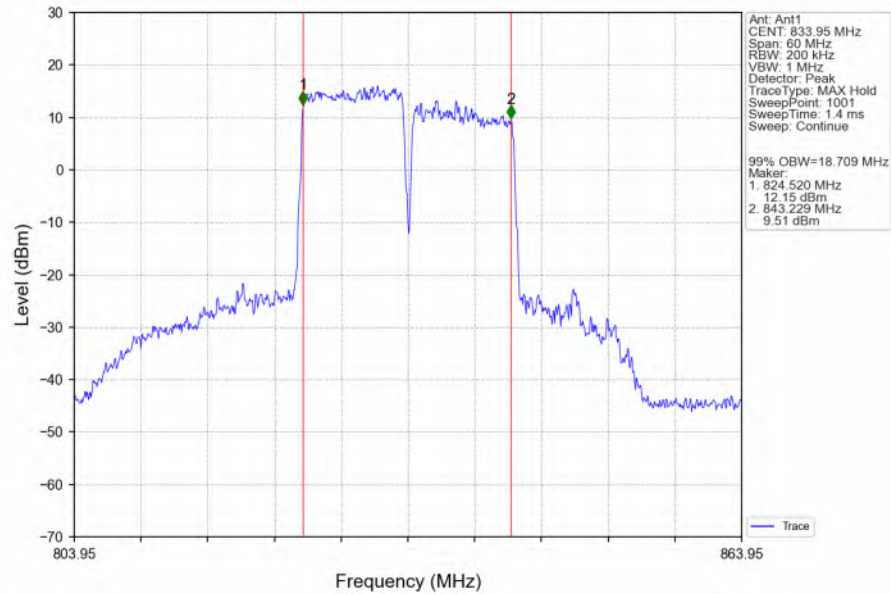
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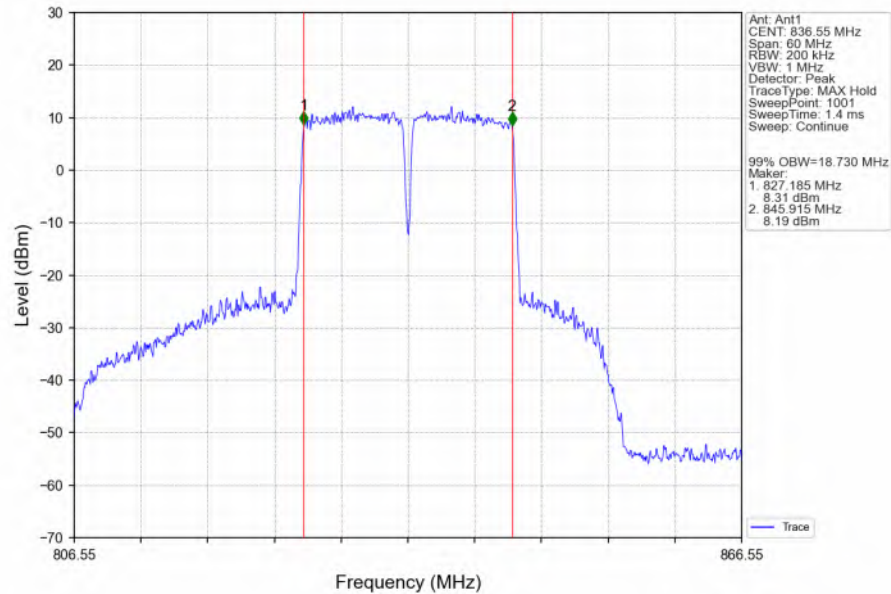
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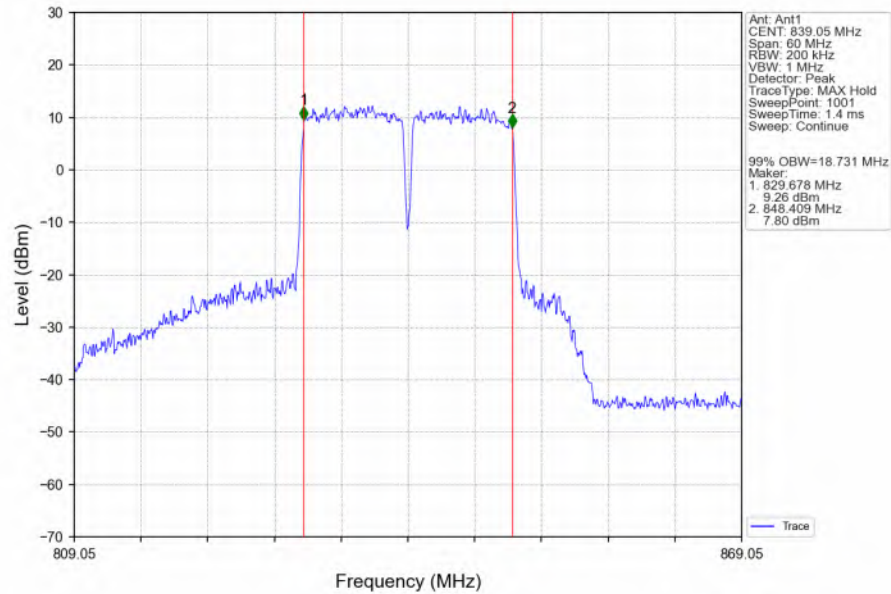
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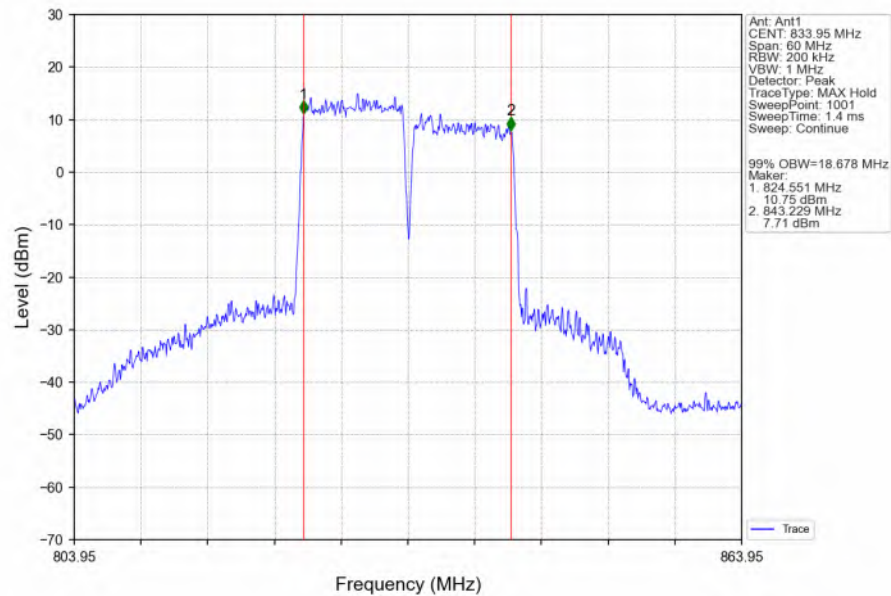
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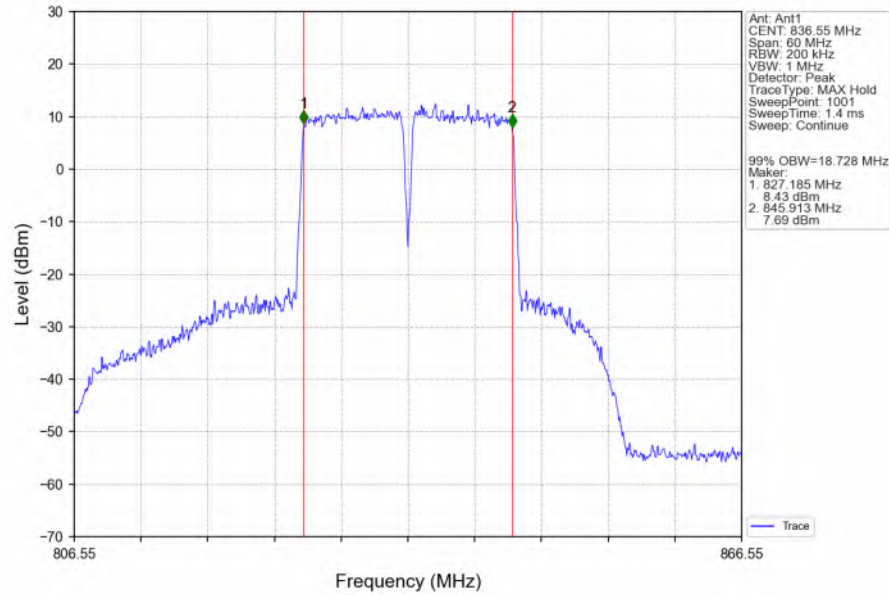
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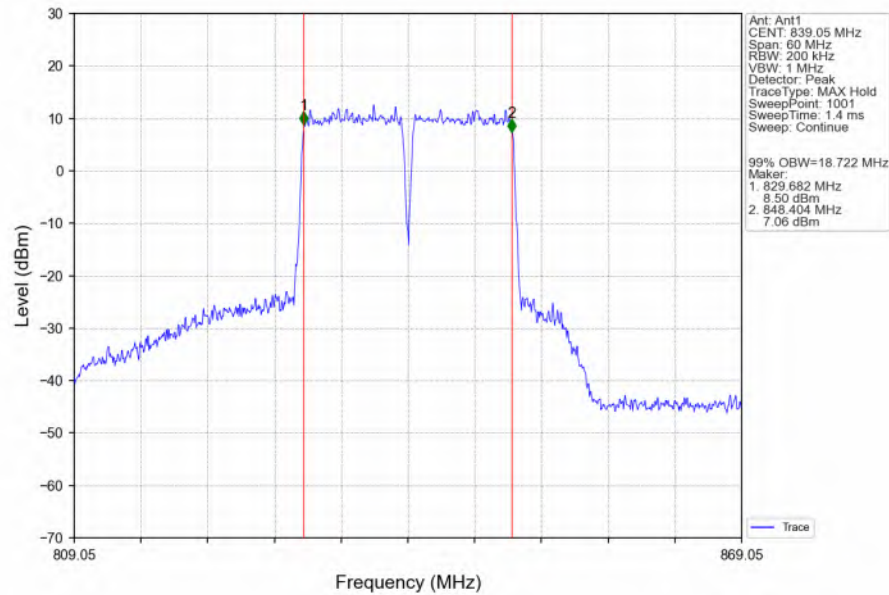
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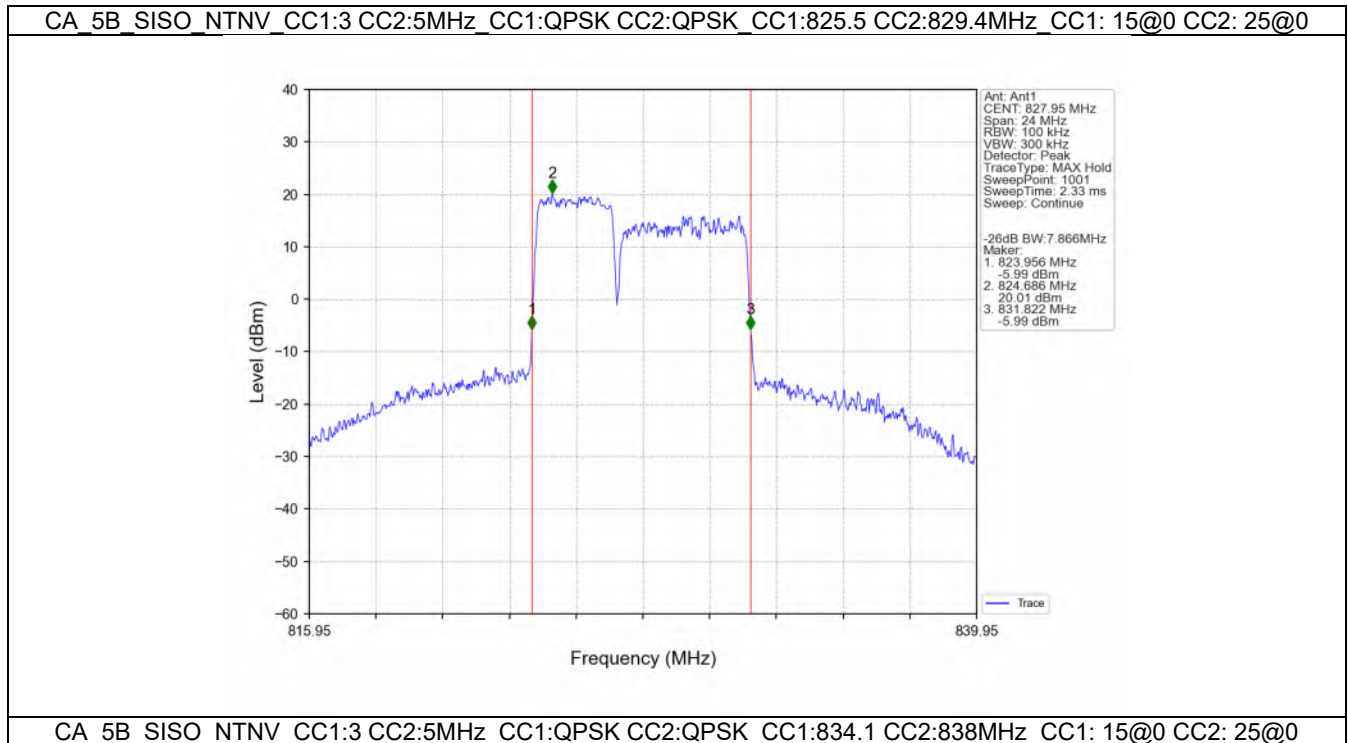
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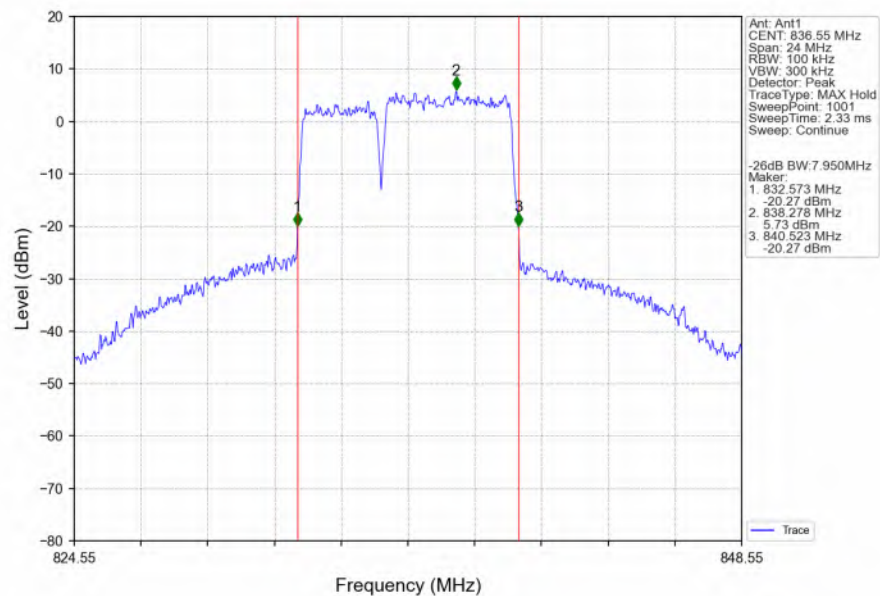


CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:834.1 CC2:844MHz\_CC1: 50@0 CC2: 50@0

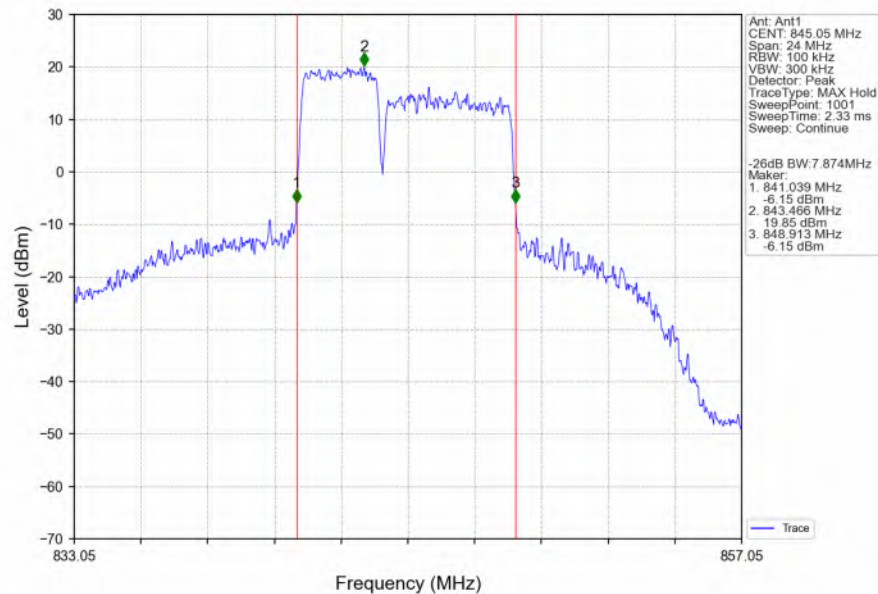


## 2.2.2 CA\_5B\_NTNV\_XDB

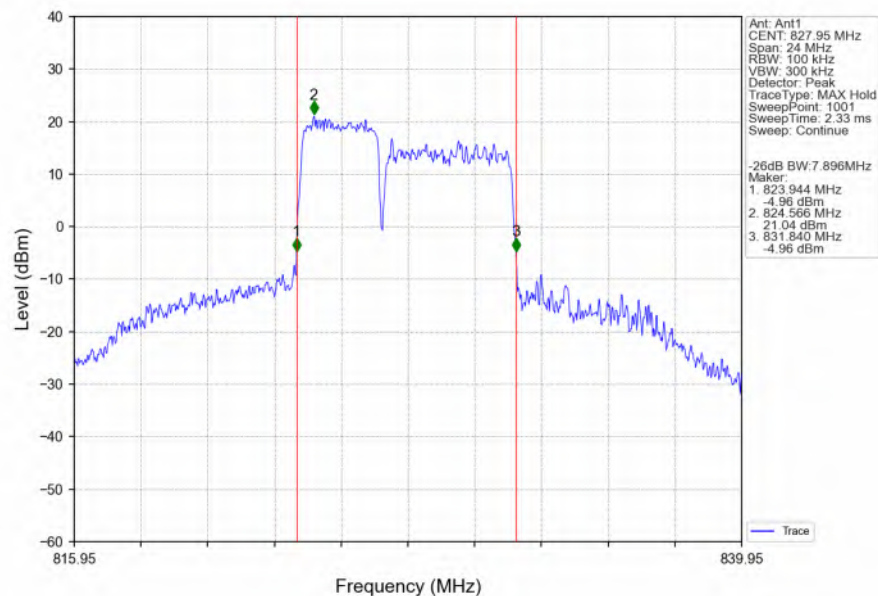




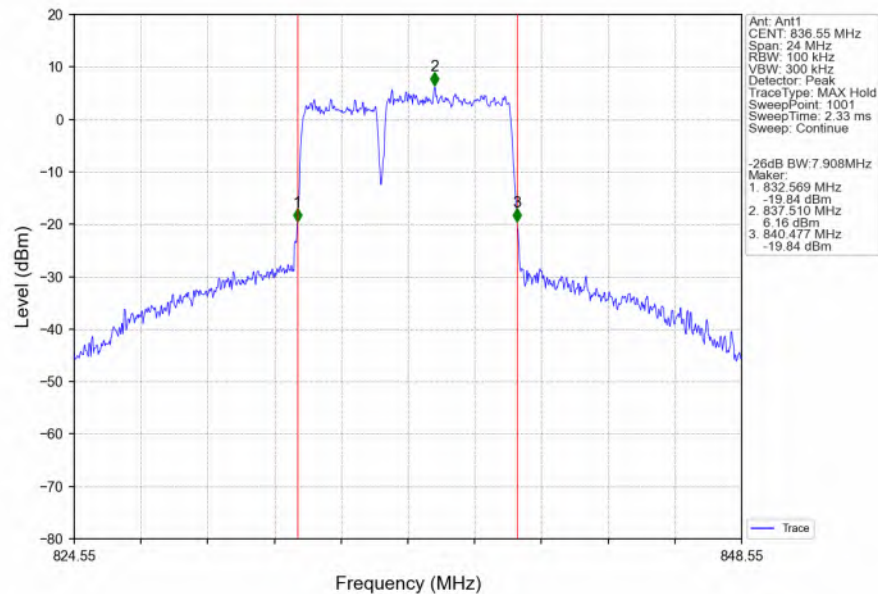
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



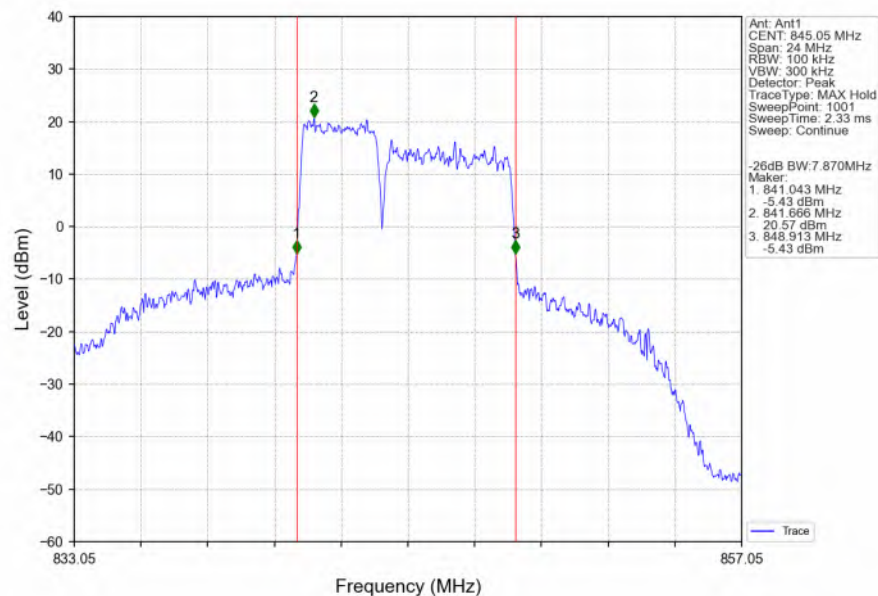
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



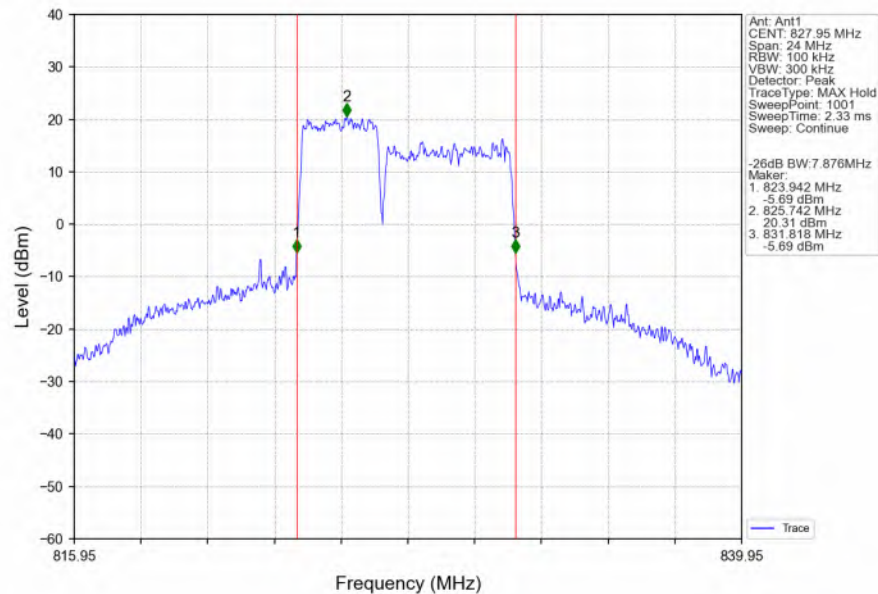
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



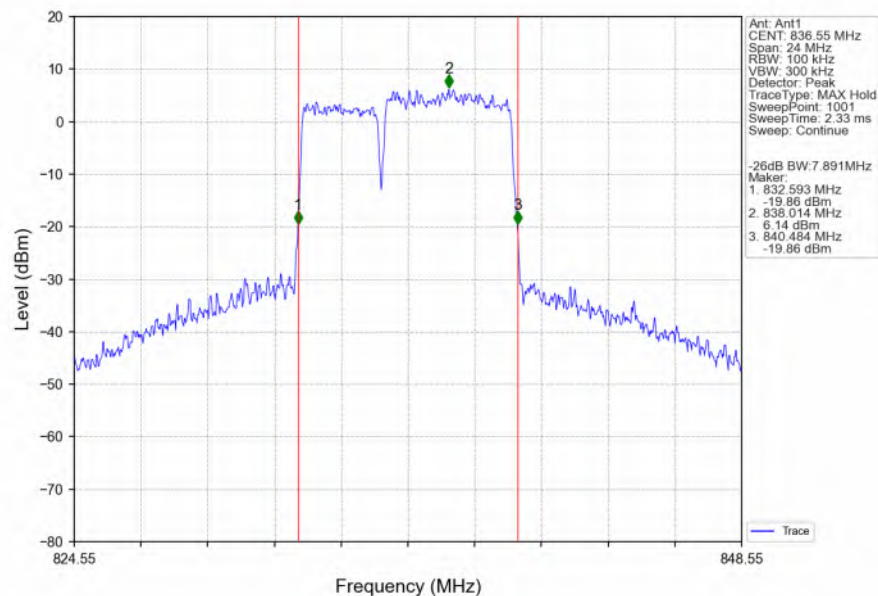
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:16QAM CC2:16QAM\_CC1:842.6 CC2:846.5MHz\_CC1: 15@0 CC2: 25@0



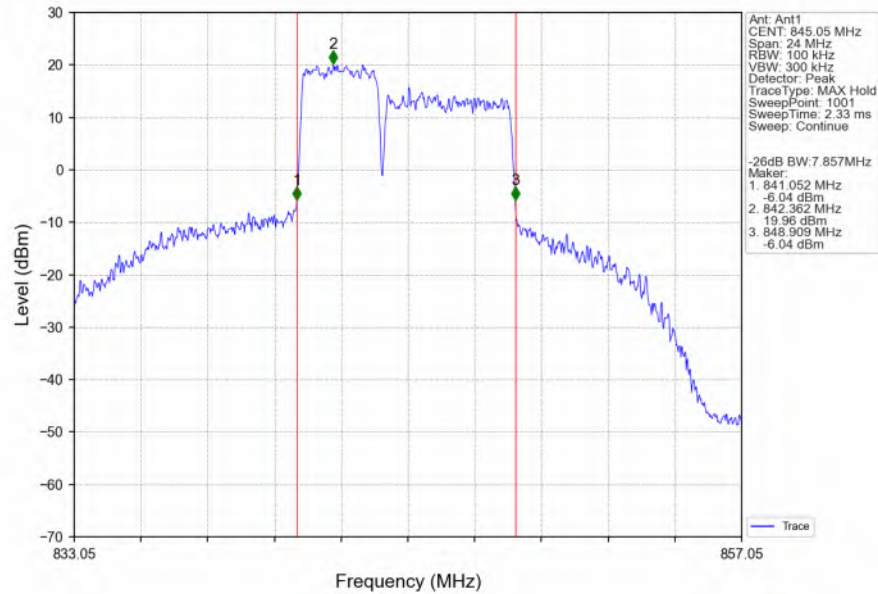
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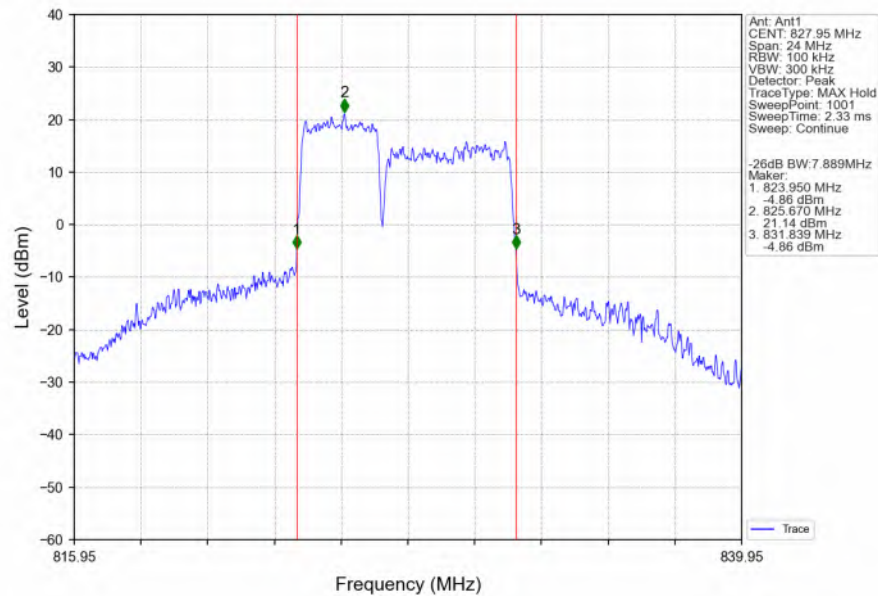
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:64QAM CC2:64QAM\_CC1:834.1 CC2:838MHz\_CC1: 15@0 CC2: 25@0



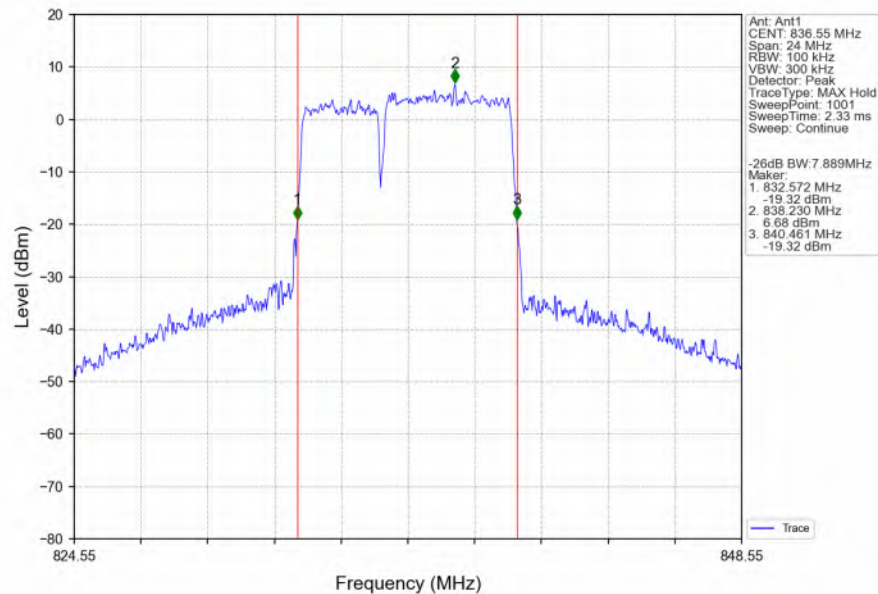
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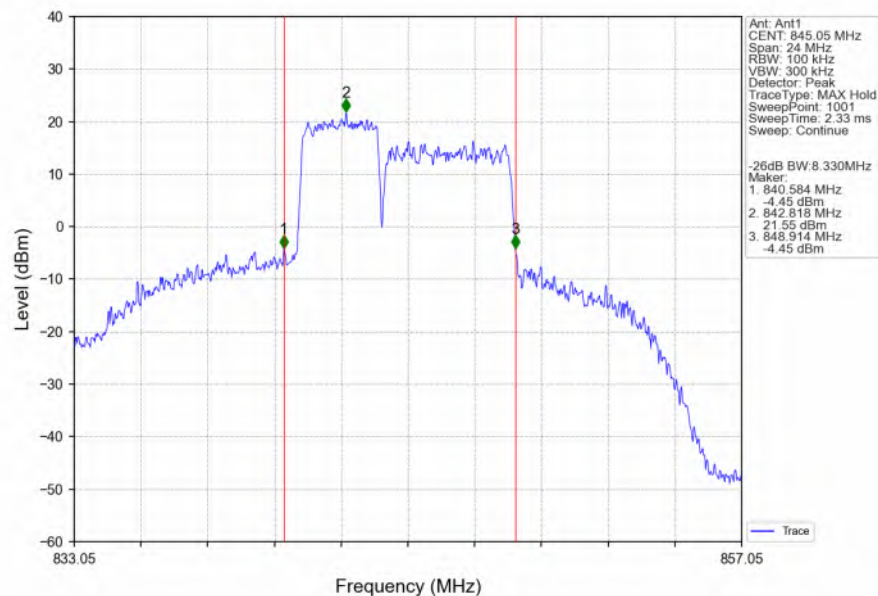
CA\_5B\_SISO\_NTNV\_CC1:3 CC2:5MHz\_CC1:256QAM CC2:256QAM\_CC1:825.5 CC2:829.4MHz\_CC1: 15@0 CC2: 25@0



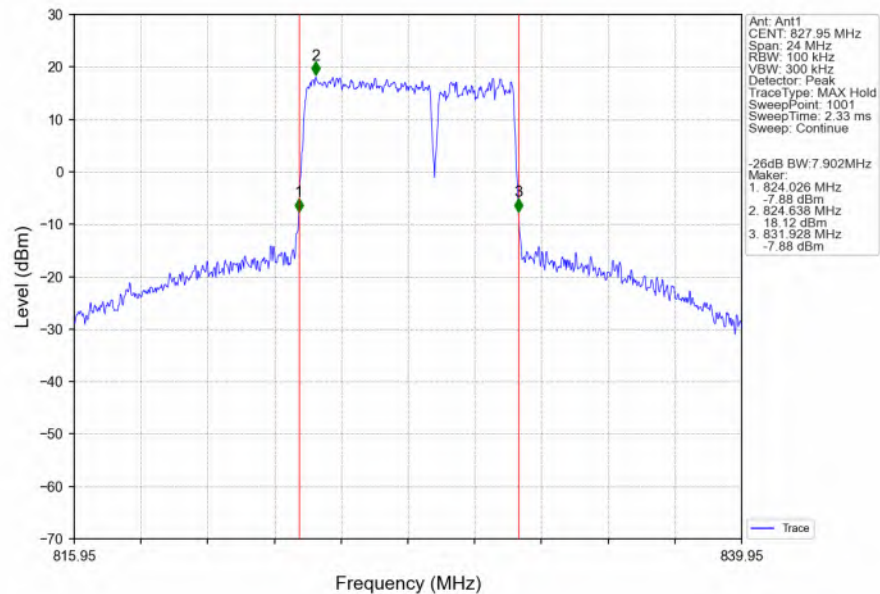
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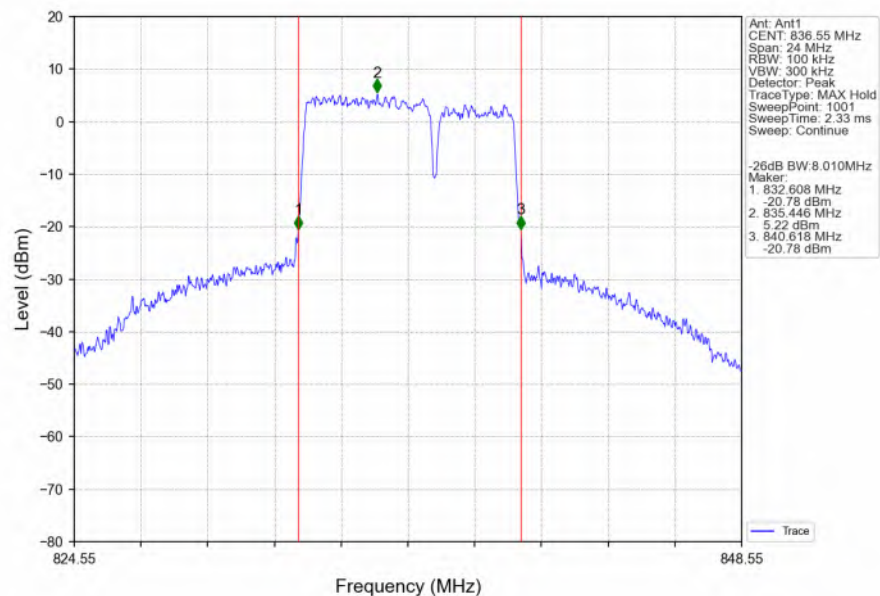
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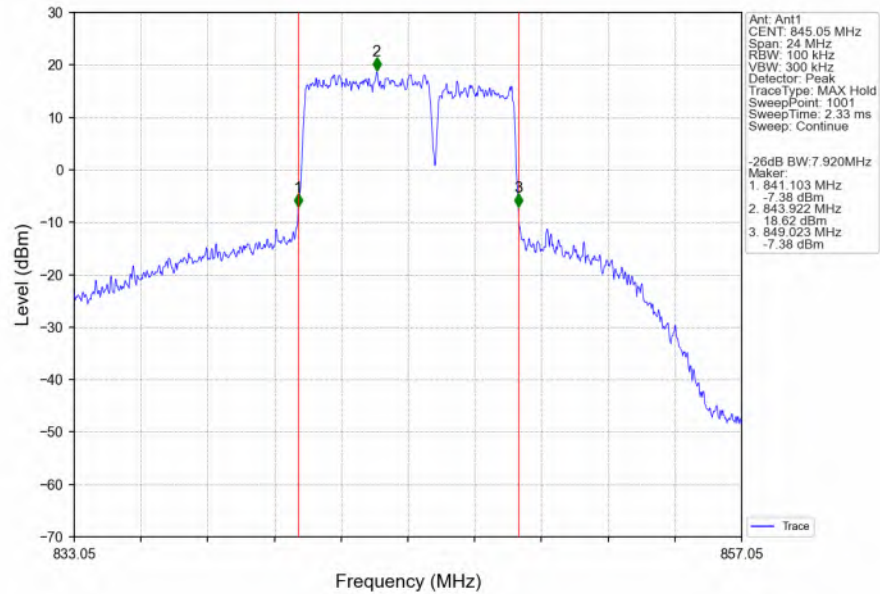
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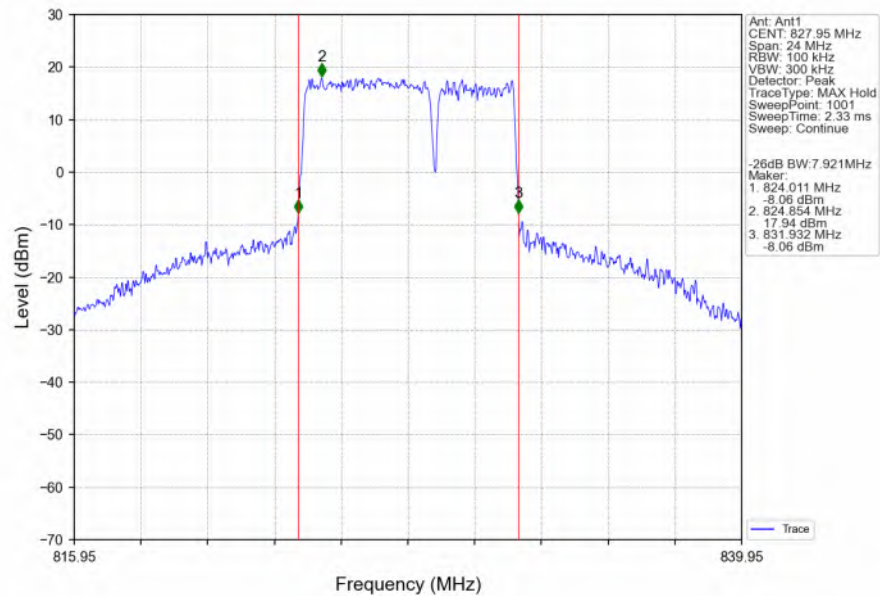
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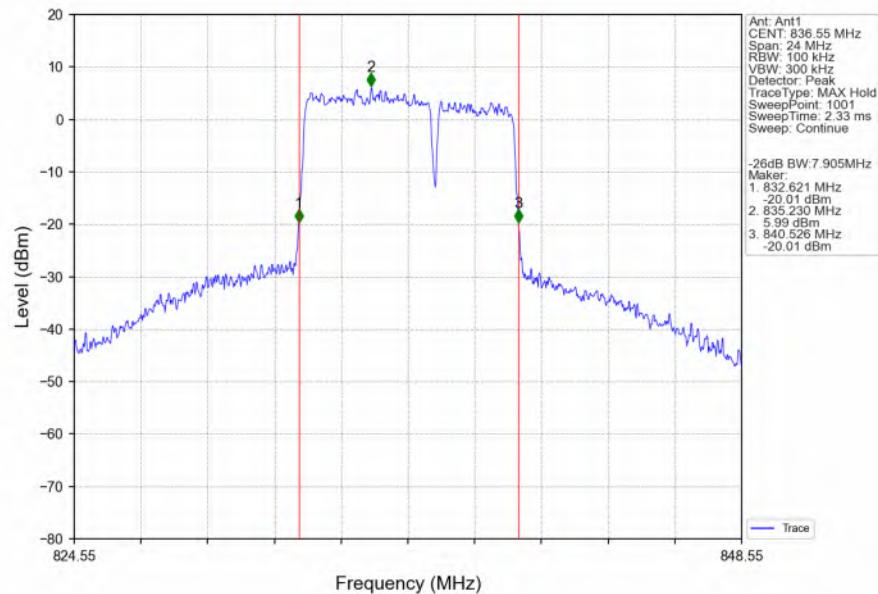
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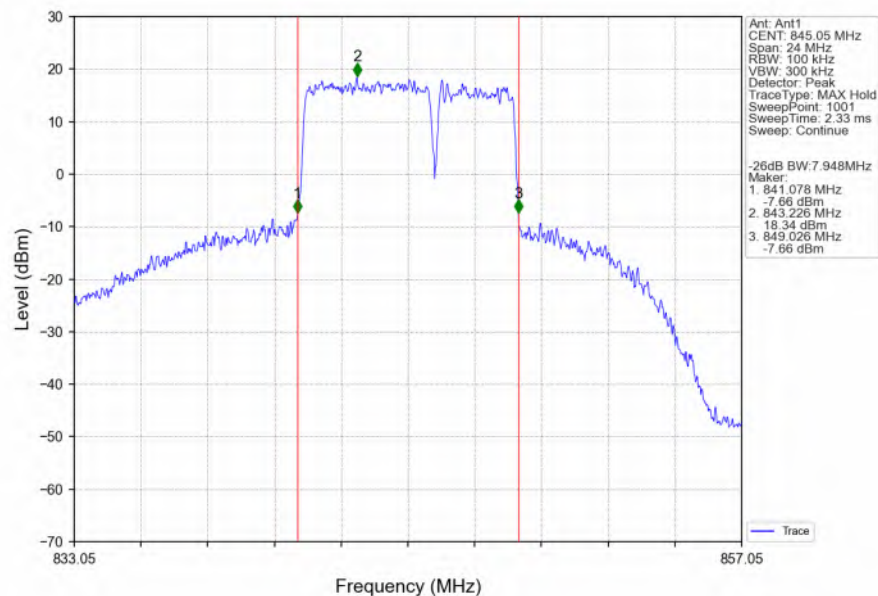
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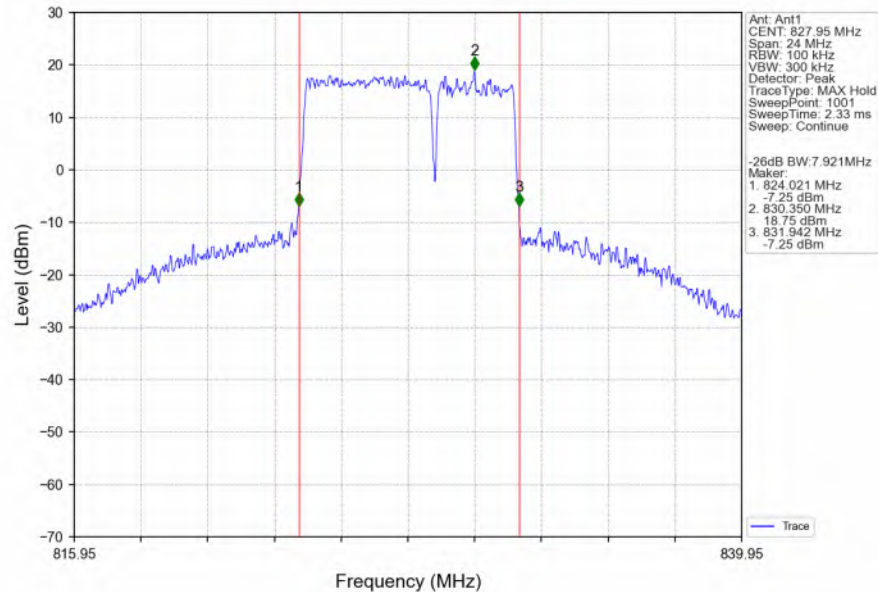
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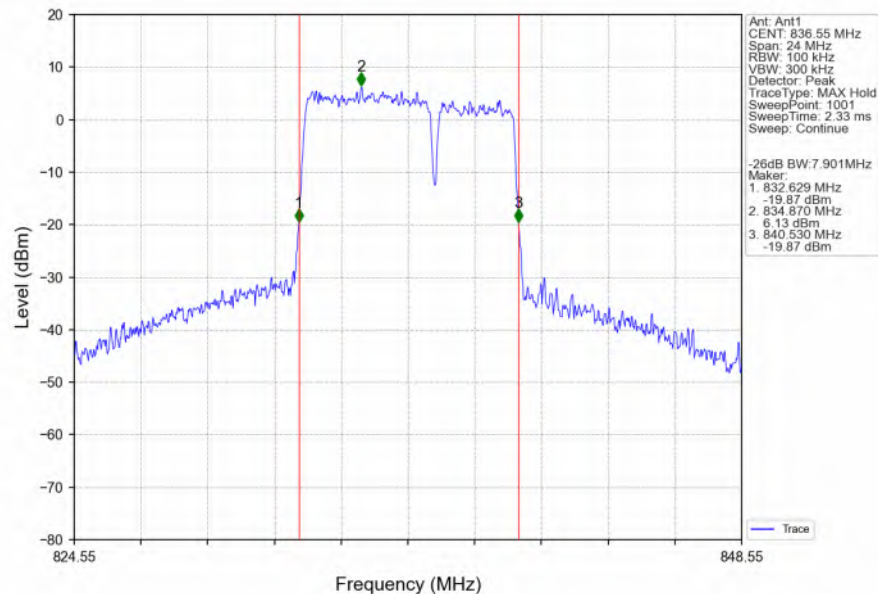
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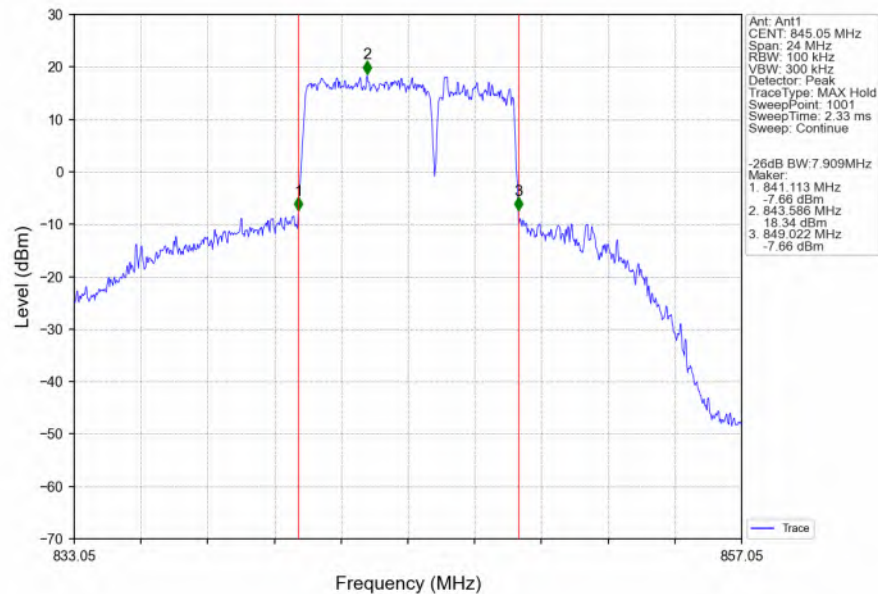
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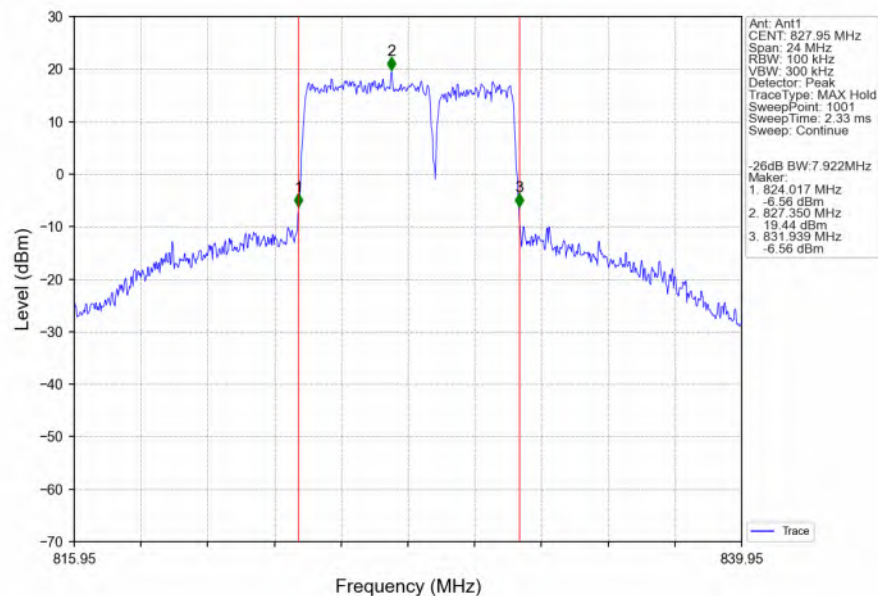
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:3MHz\_CC1:64QAM\_CC2:64QAM\_CC1:835.1\_CC2:839MHz\_CC1: 25@0 CC2: 15@0



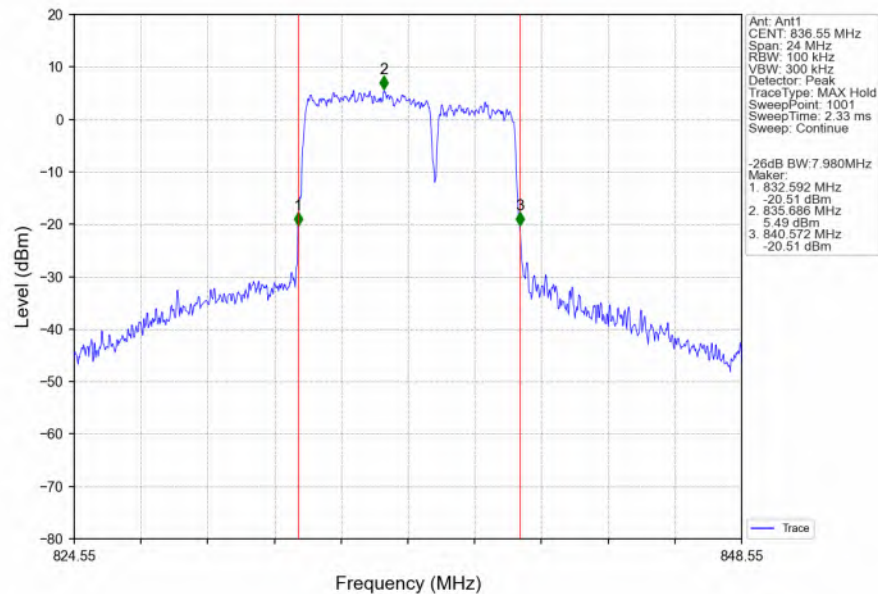
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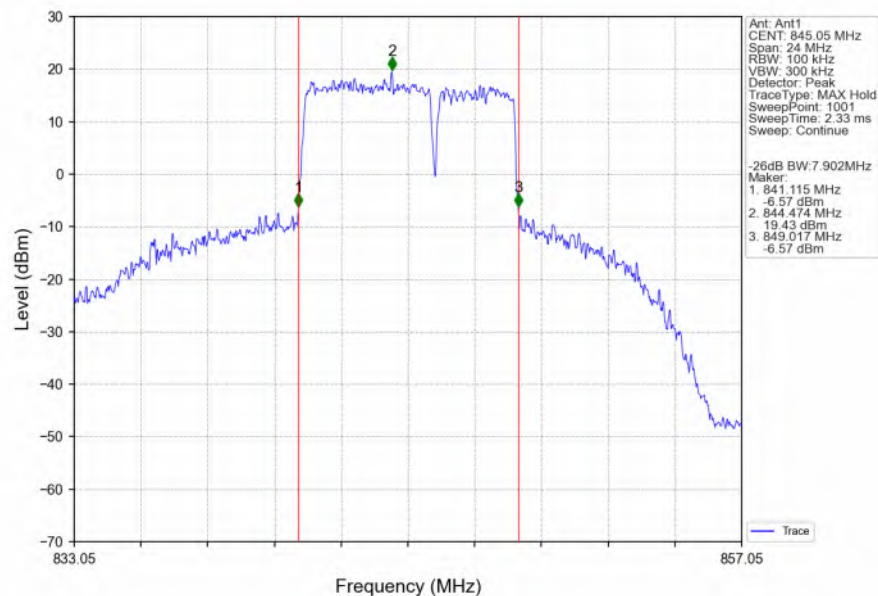
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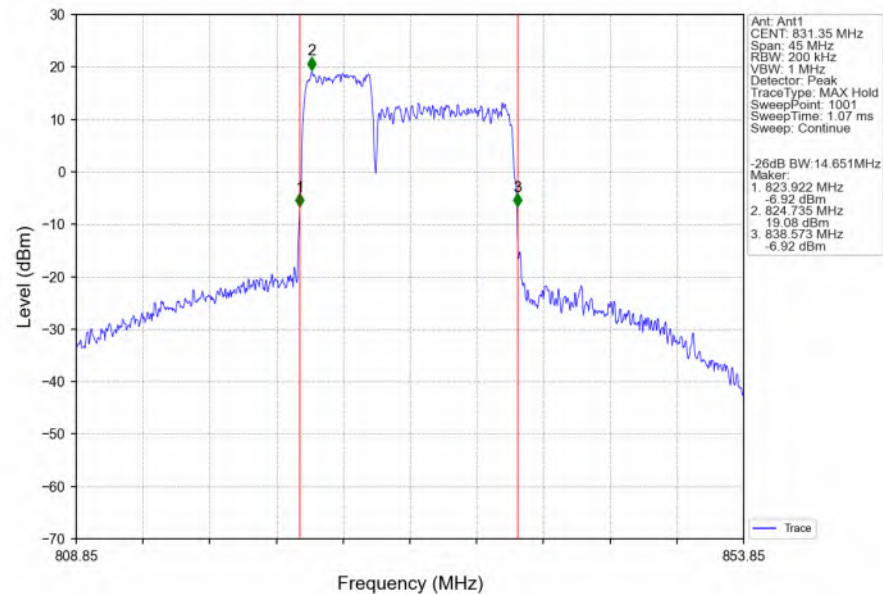
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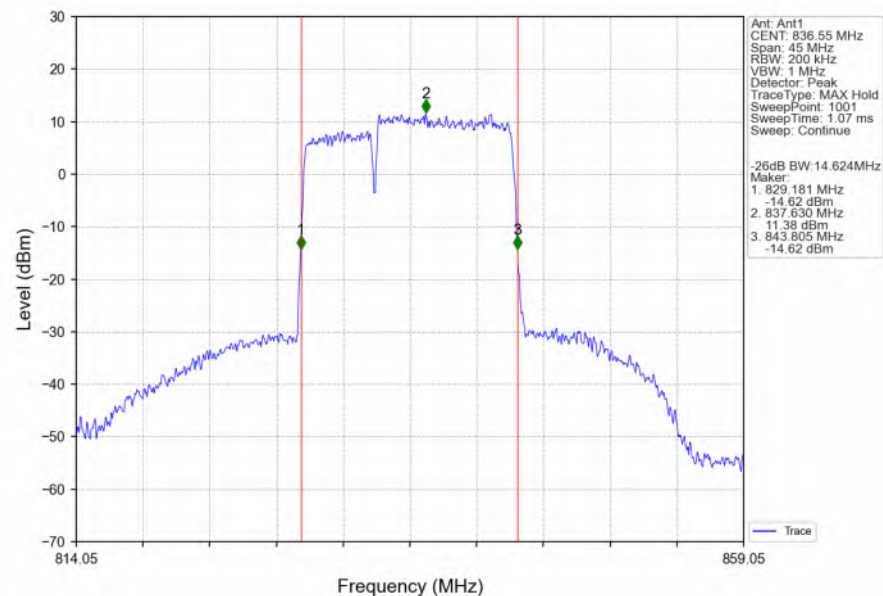
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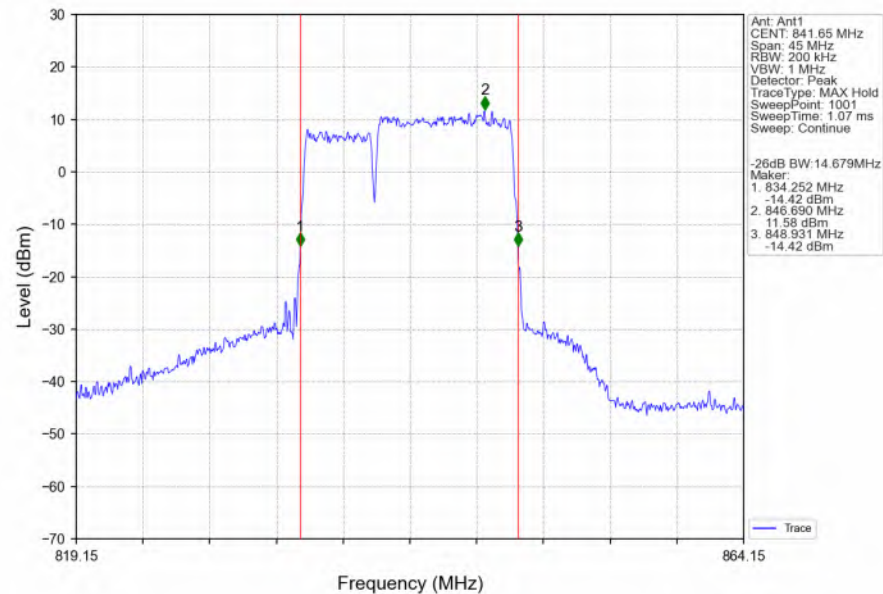
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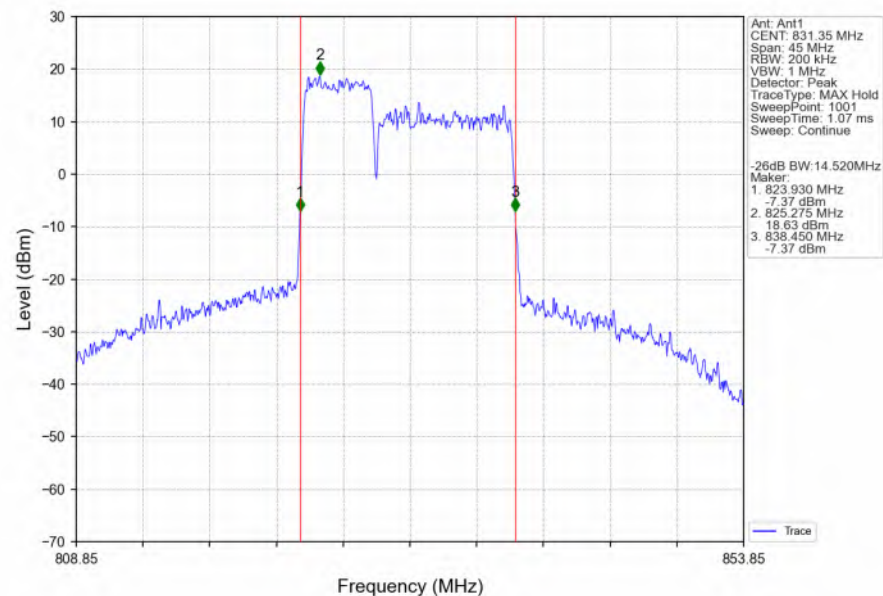
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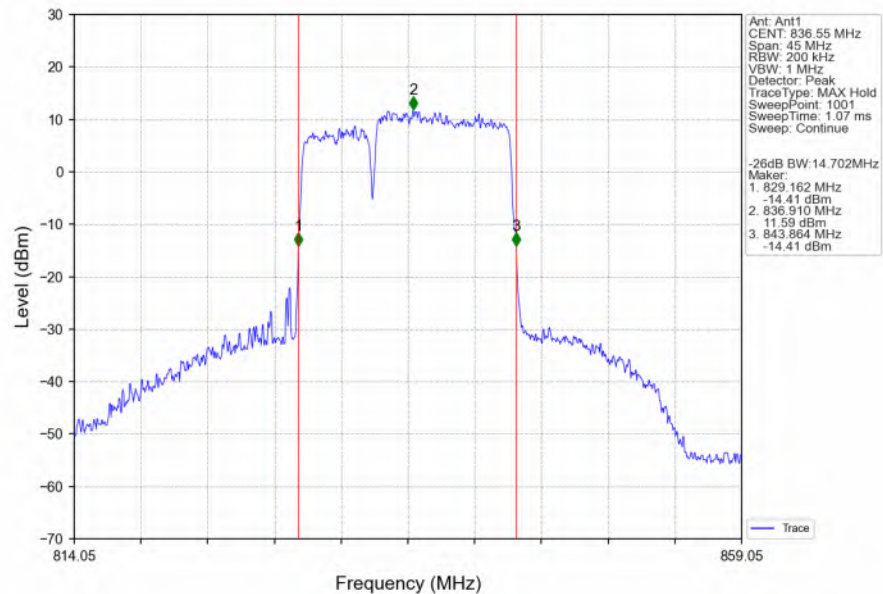
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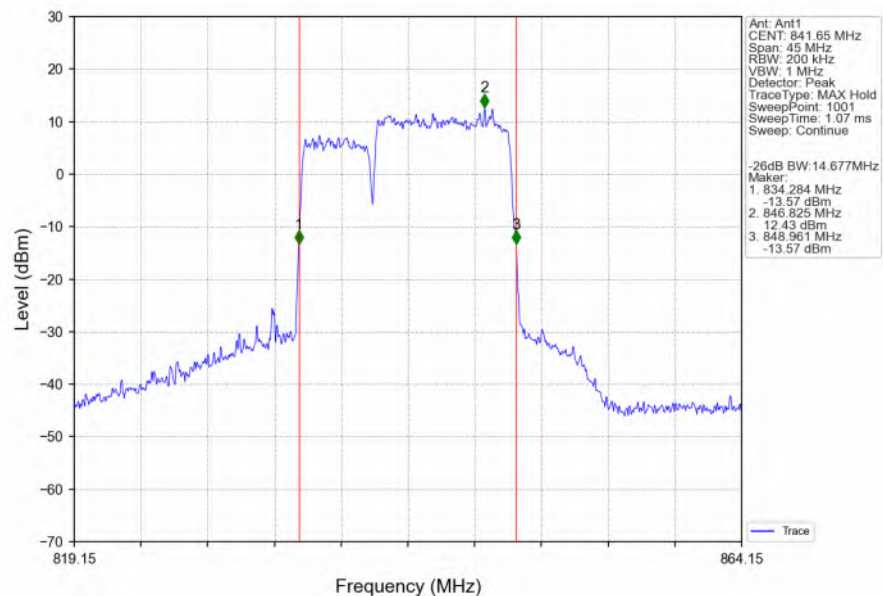
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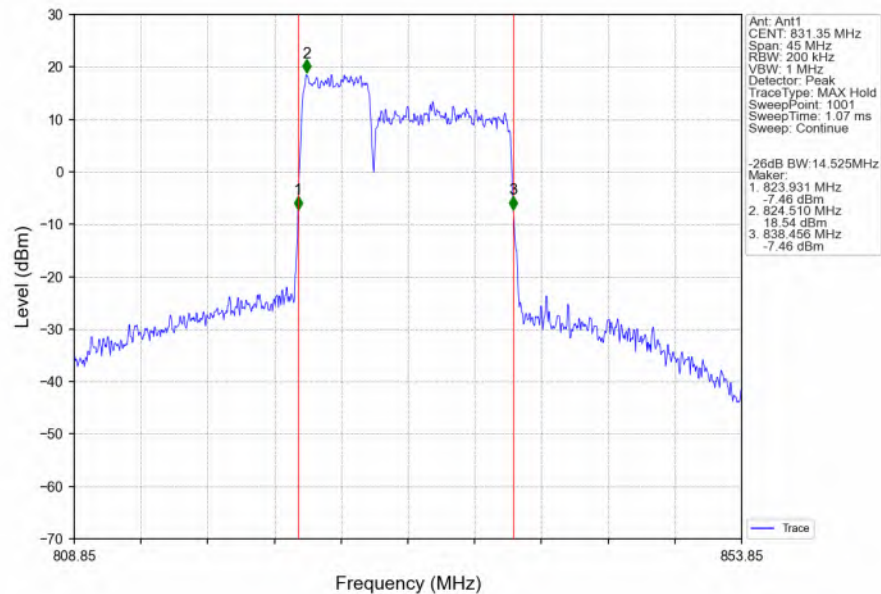
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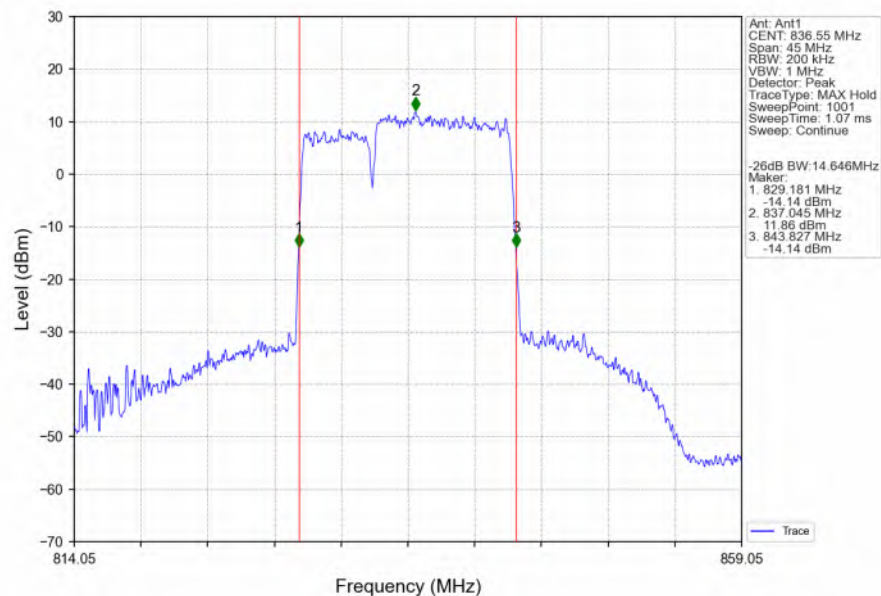
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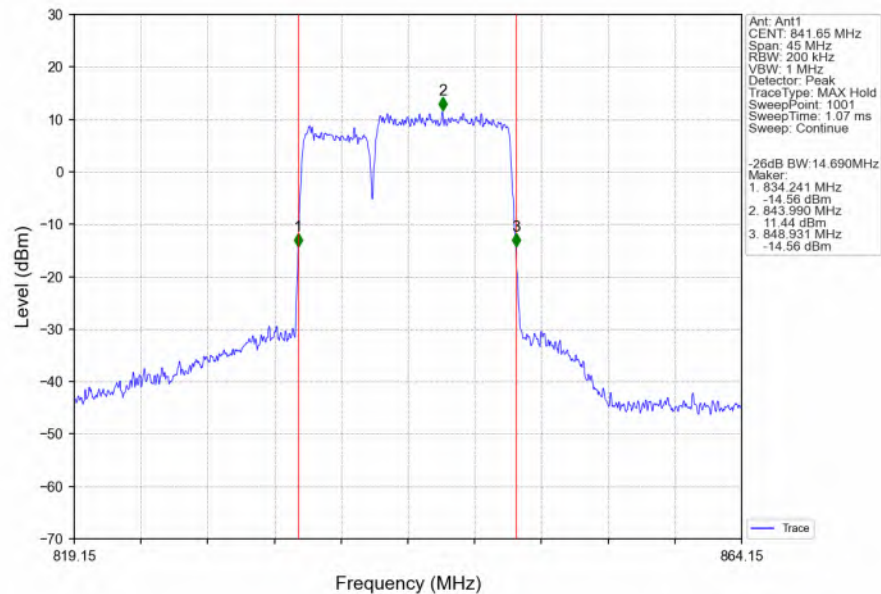
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



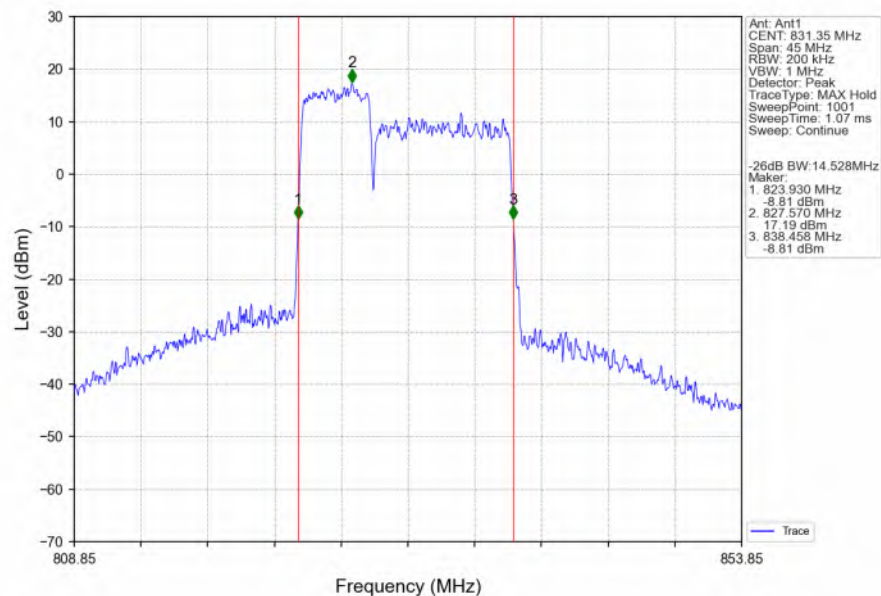
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:831.7\_CC2:838.9MHz\_CC1: 25@0 CC2: 50@0



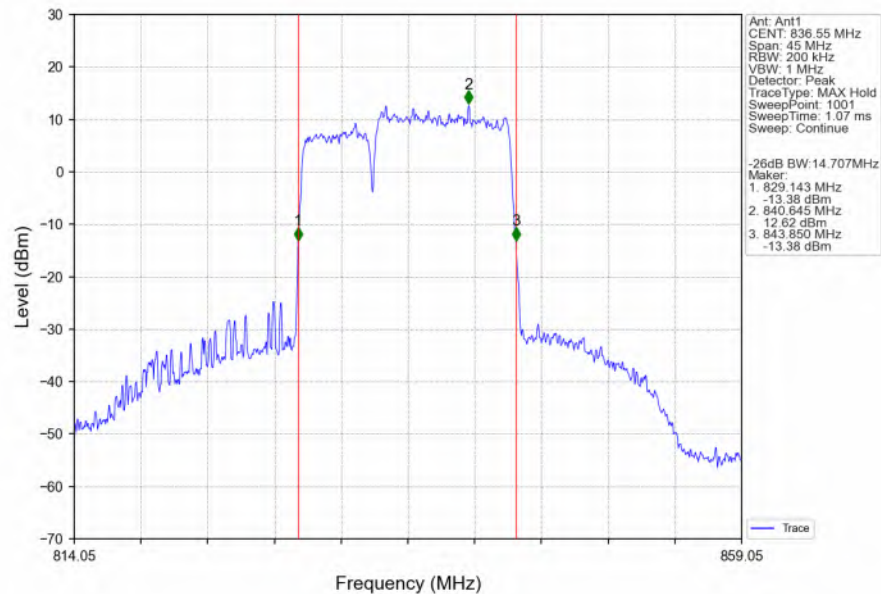
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0



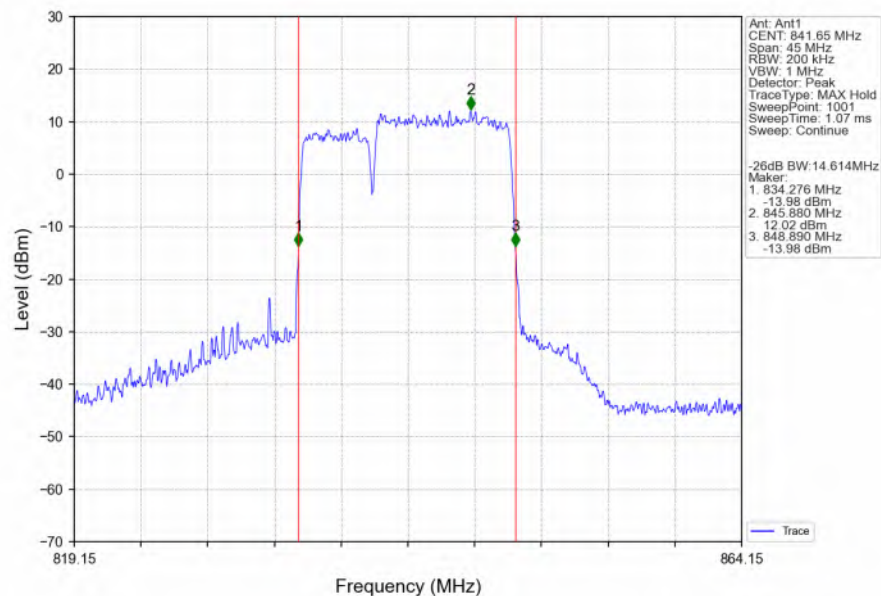
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:826.5\_CC2:833.7MHz\_CC1: 25@0 CC2: 50@0



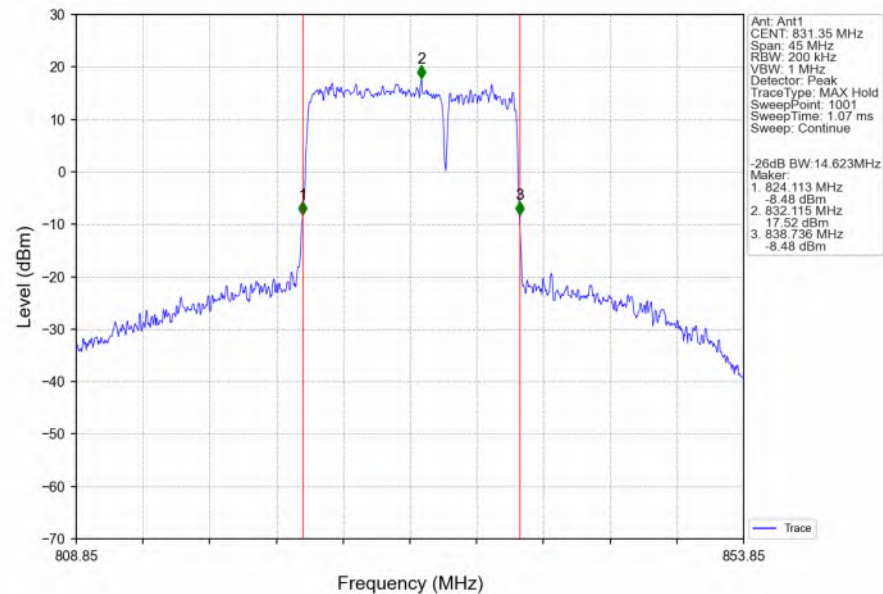
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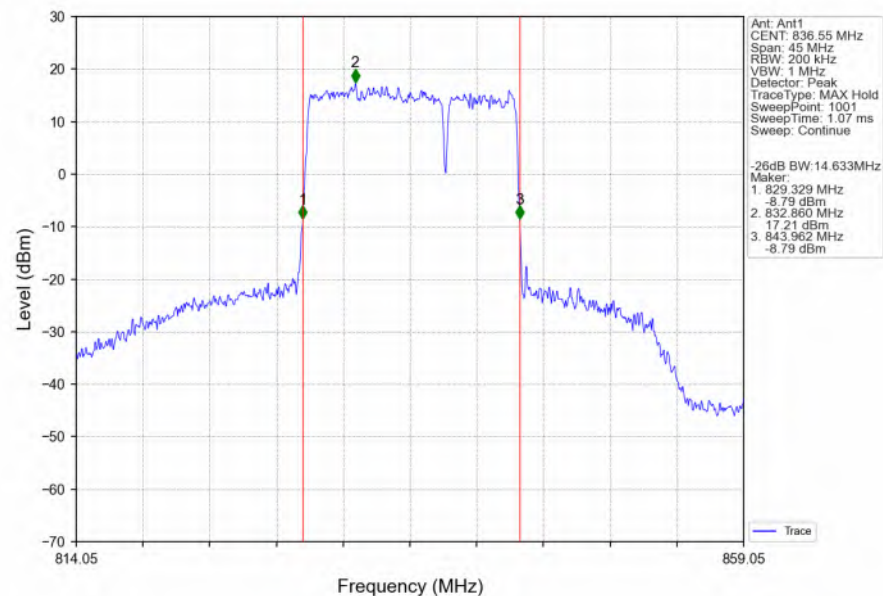
CA\_5B\_SISO\_NTNV\_CC1:5\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:836.8\_CC2:844MHz\_CC1: 25@0 CC2: 50@0



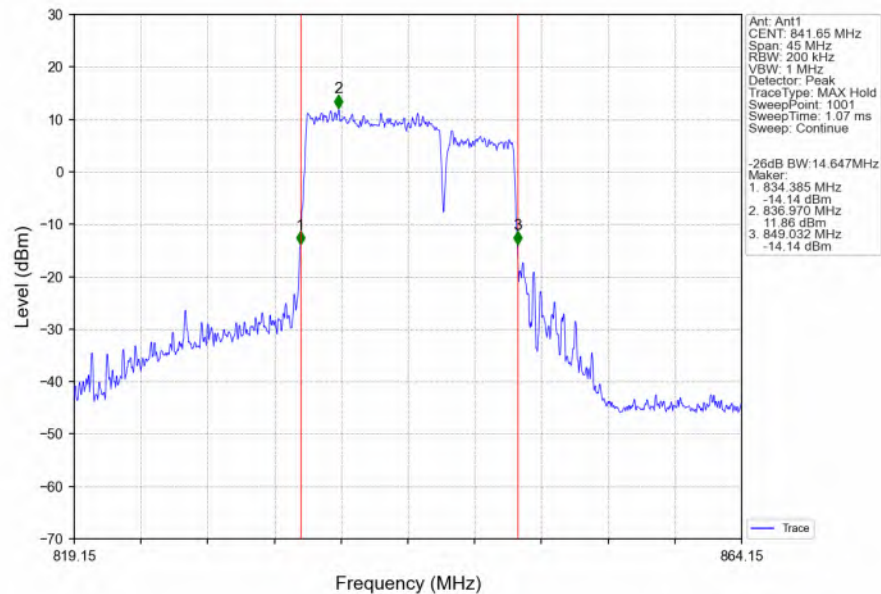
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK CC1:829 CC2:836.2MHz\_CC1: 50@0 CC2: 25@0



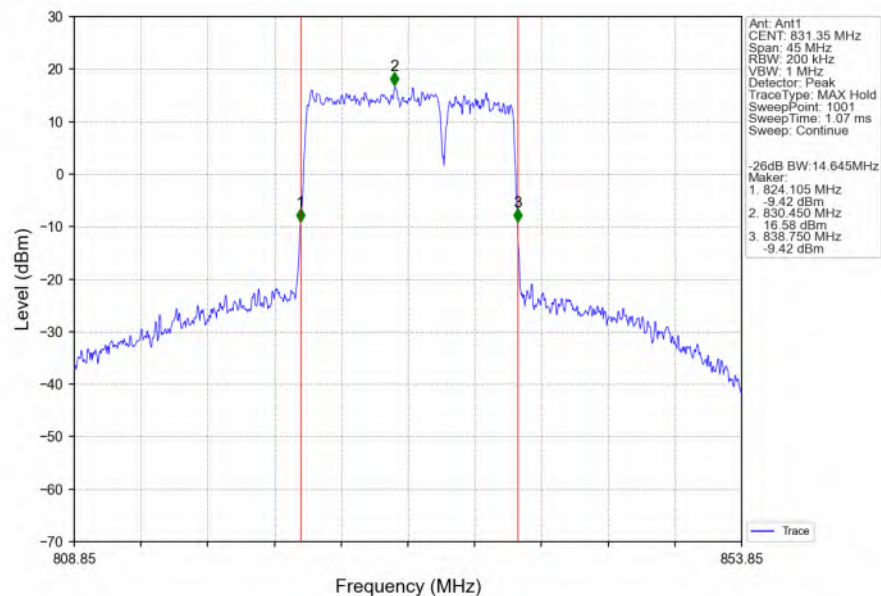
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:5MHz\_CC1:QPSK CC2:QPSK\_CC1:834.2 CC2:841.4MHz\_CC1: 50@0 CC2: 25@0



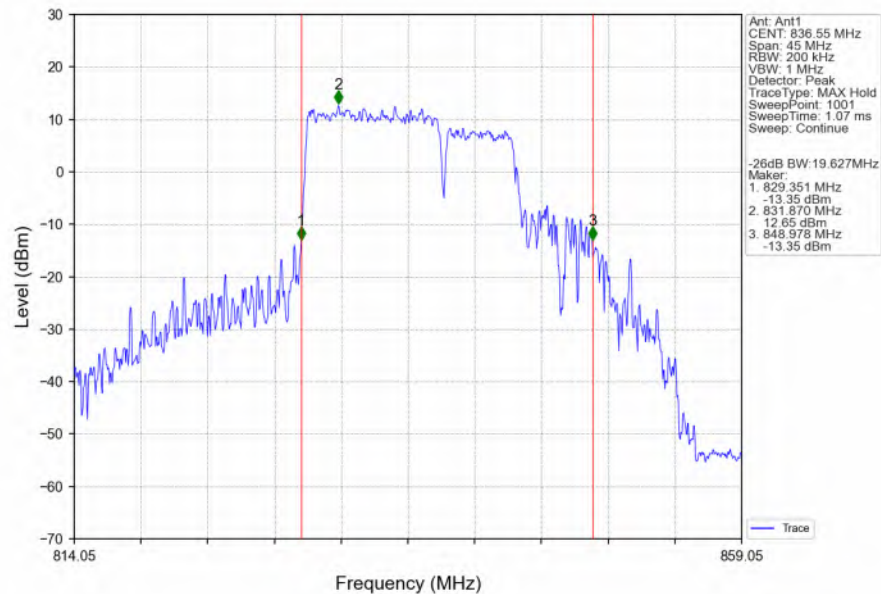
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:QPSK\_CC2:QPSK\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0\_CC2: 25@0



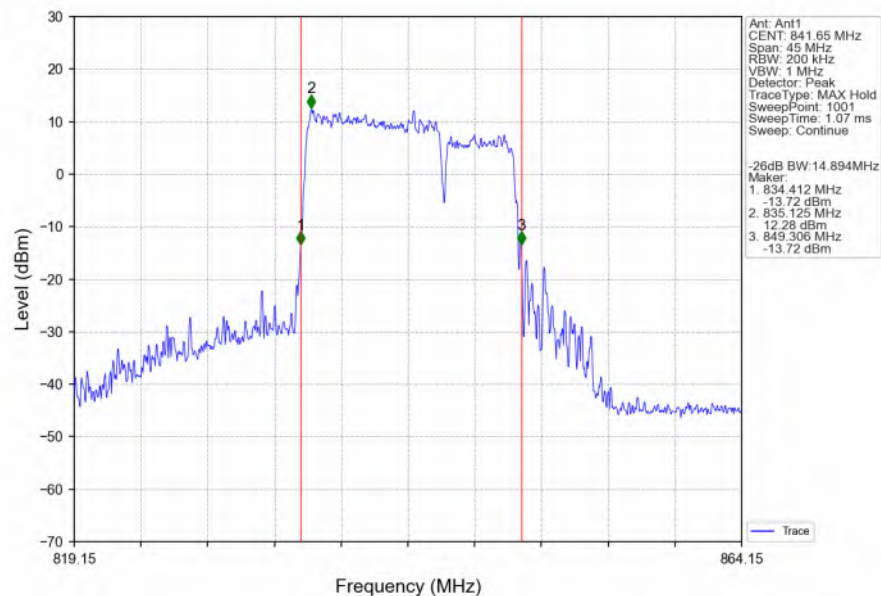
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:829\_CC2:836.2MHz\_CC1: 50@0\_CC2: 25@0



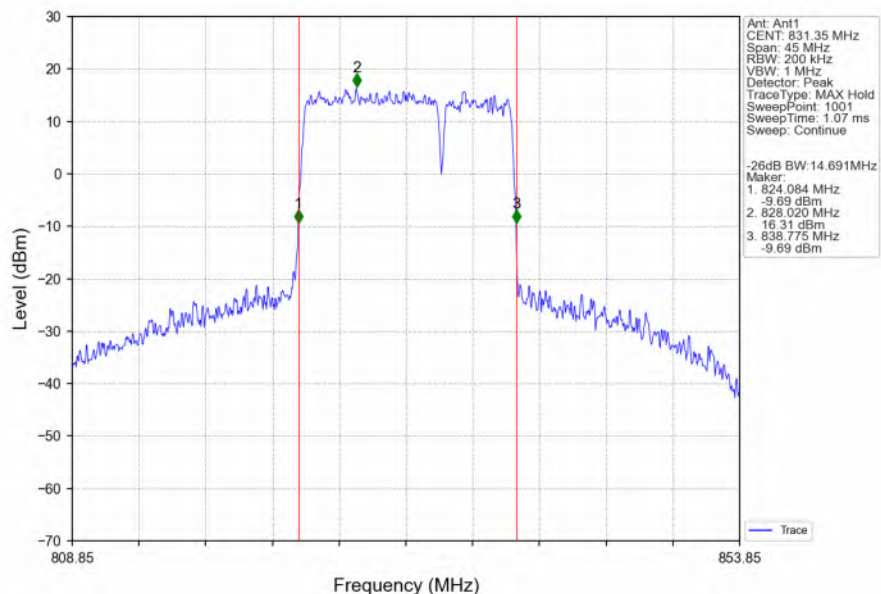
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:16QAM\_CC2:16QAM\_CC1:834.2\_CC2:841.4MHz\_CC1: 50@0\_CC2: 25@0



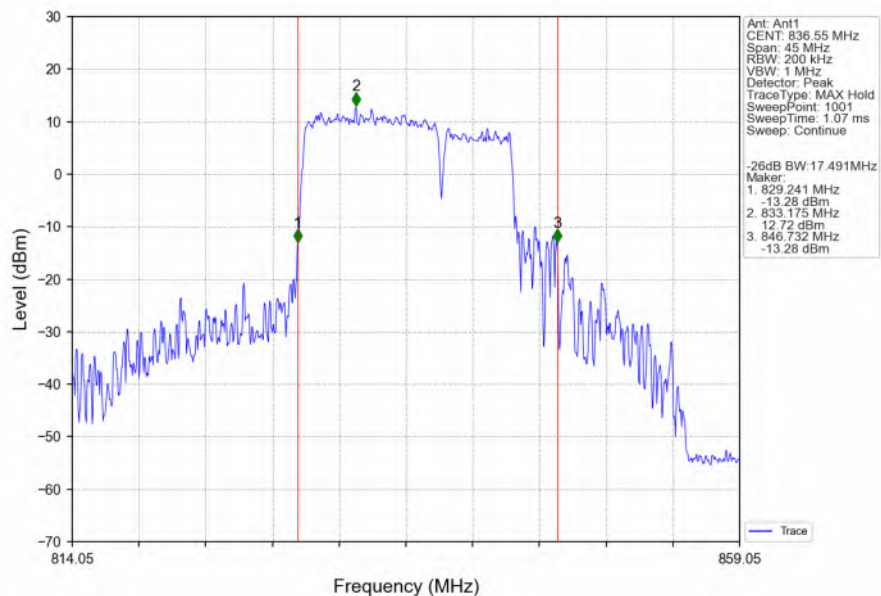
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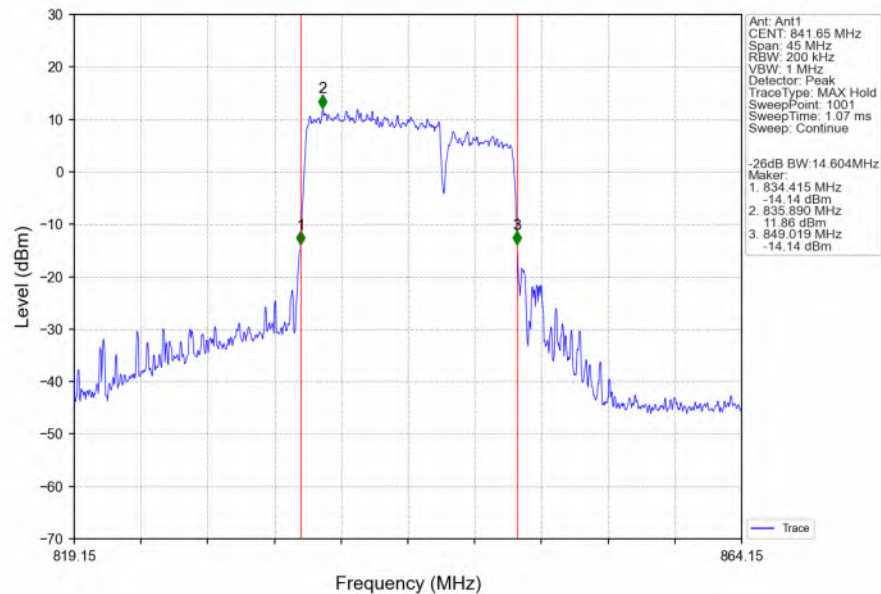
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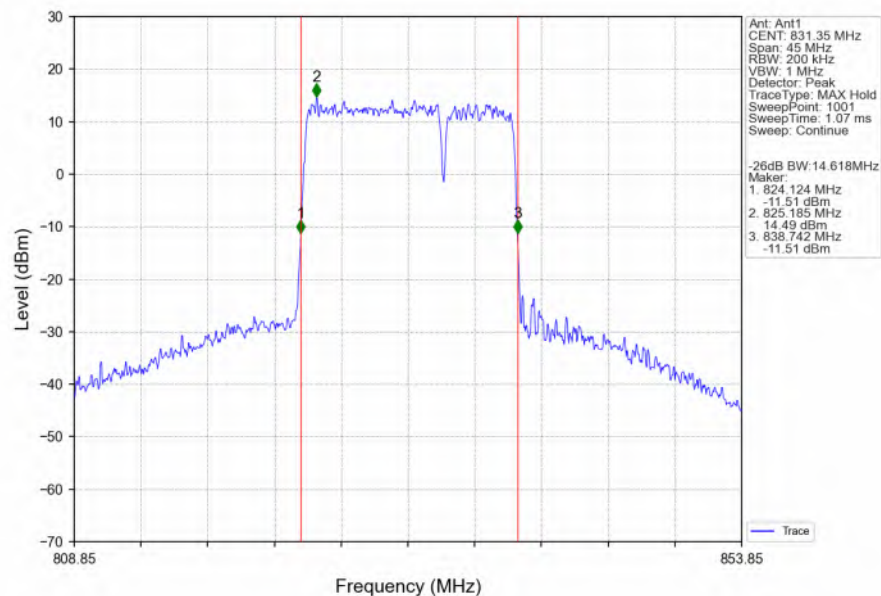
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:64QAM\_CC2:64QAM\_CC1:834.2\_CC2:841.4MHz\_CC1: 50@0\_CC2: 25@0



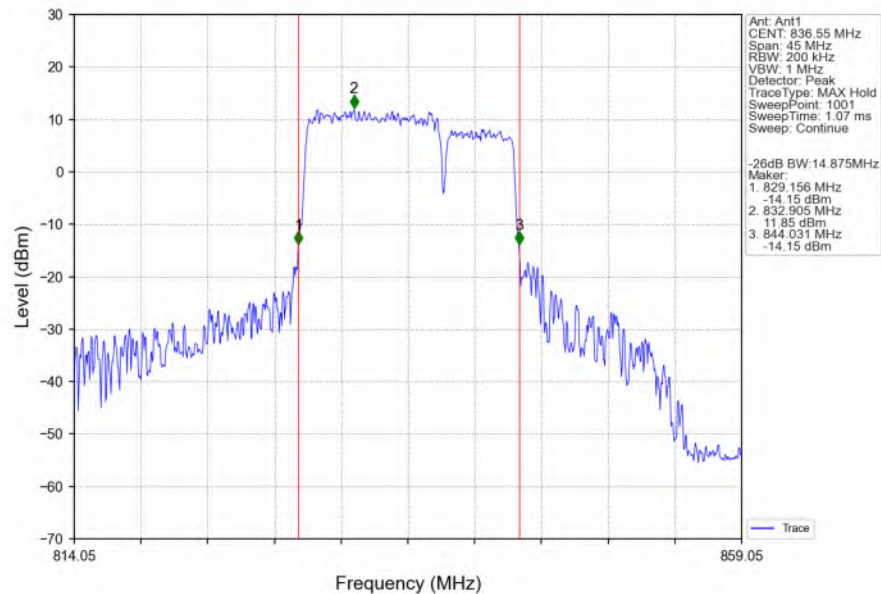
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:64QAM\_CC2:64QAM\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0\_CC2: 25@0



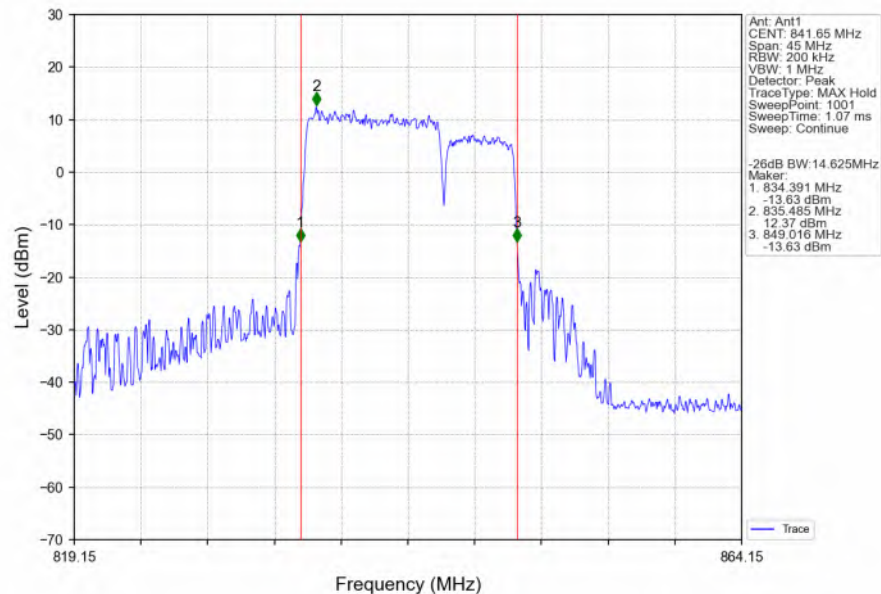
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:829\_CC2:836.2MHz\_CC1: 50@0\_CC2: 25@0



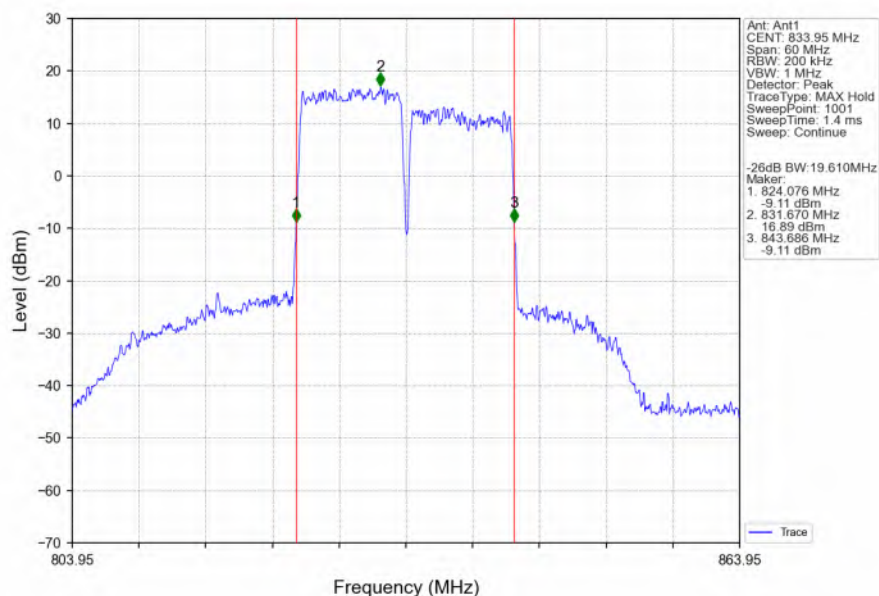
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:834.2\_CC2:841.4MHz\_CC1: 50@0\_CC2: 25@0



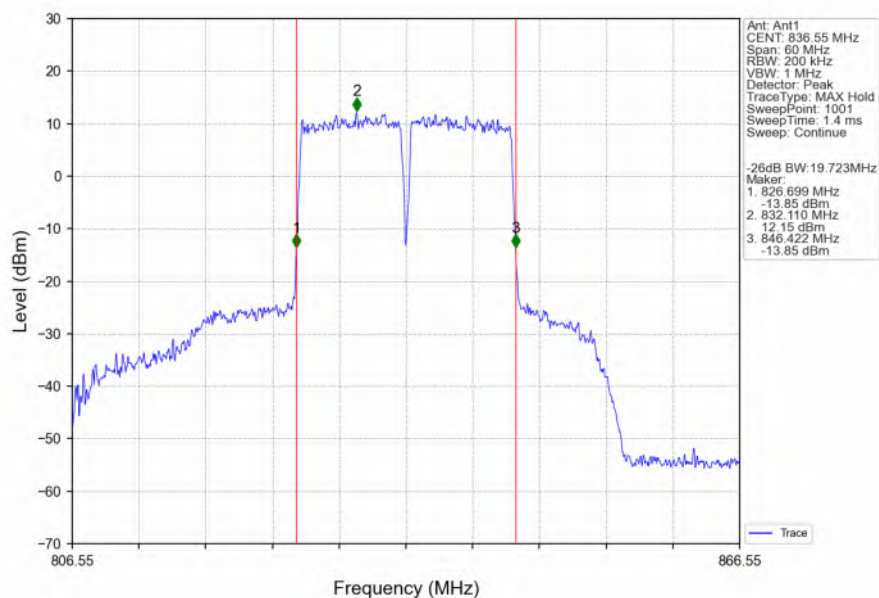
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:5MHz\_CC1:256QAM\_CC2:256QAM\_CC1:839.3\_CC2:846.5MHz\_CC1: 50@0\_CC2: 25@0



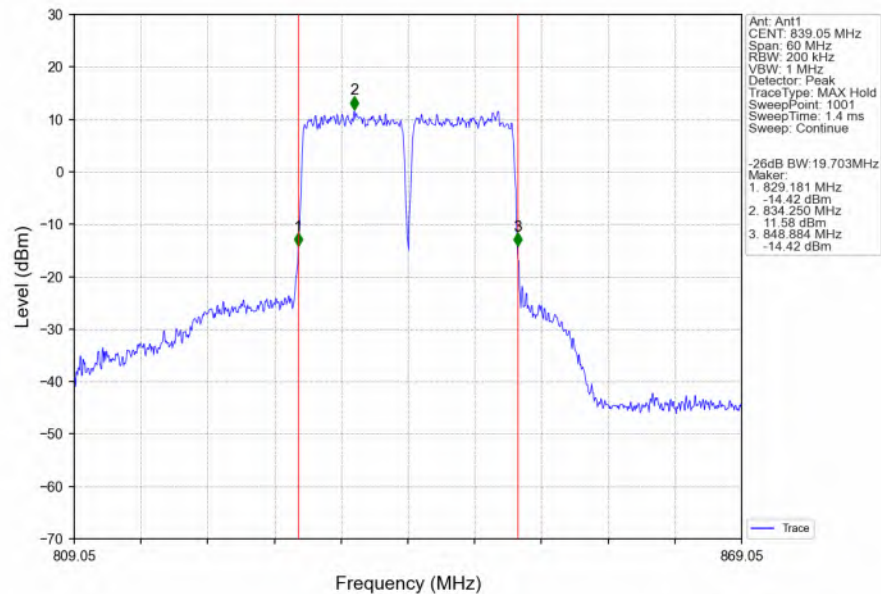
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:829\_CC2:838.9MHz\_CC1: 50@0\_CC2: 50@0



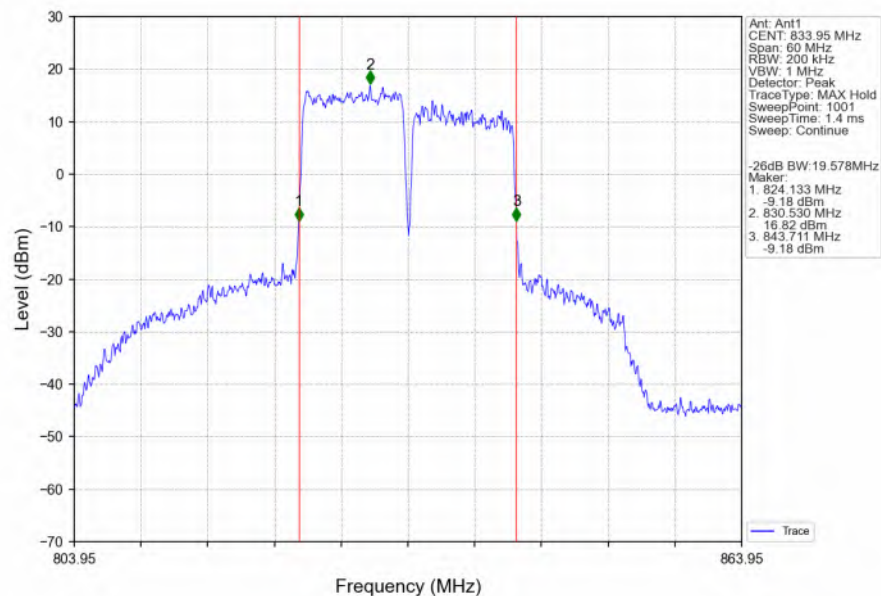
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:831.6\_CC2:841.5MHz\_CC1: 50@0\_CC2: 50@0



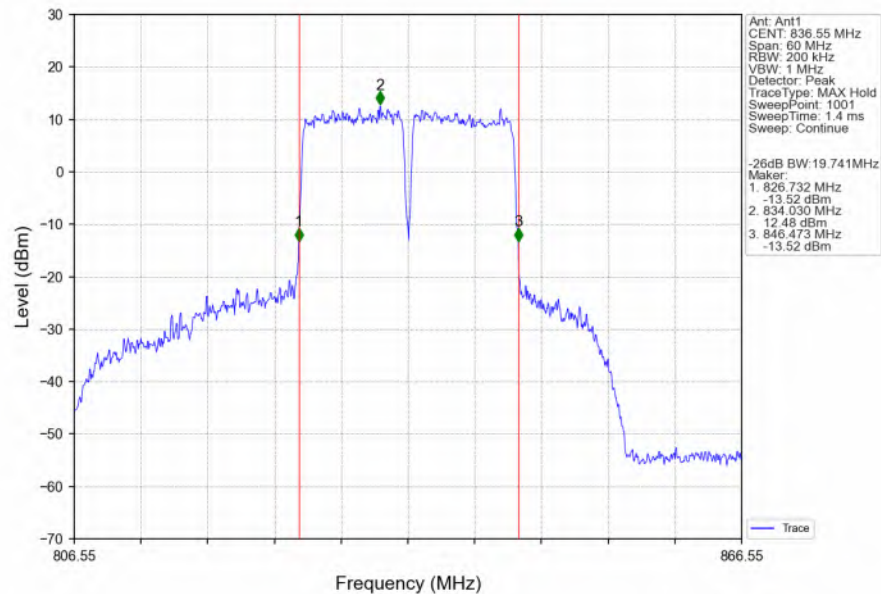
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:QPSK\_CC2:QPSK\_CC1:834.1\_CC2:844MHz\_CC1: 50@0 CC2: 50@0



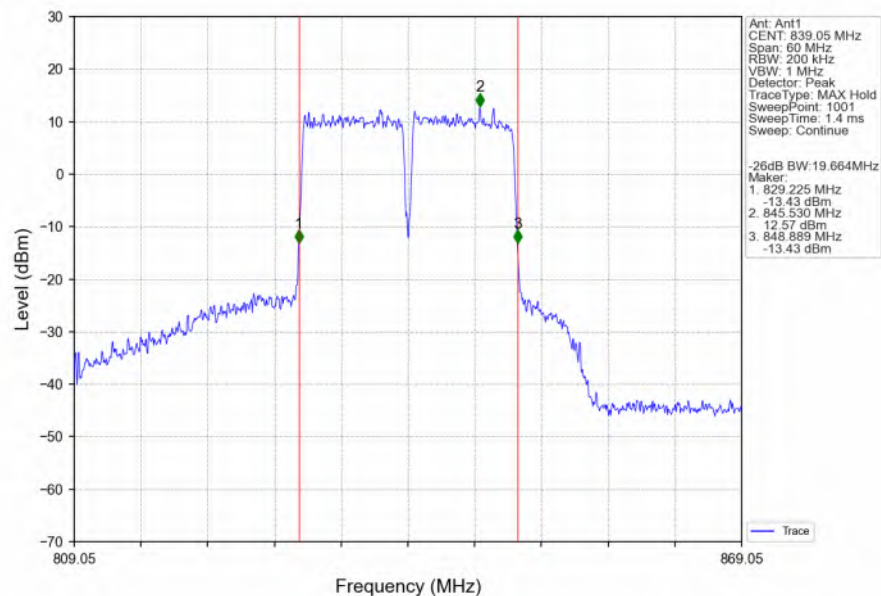
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:16QAM\_CC2:16QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



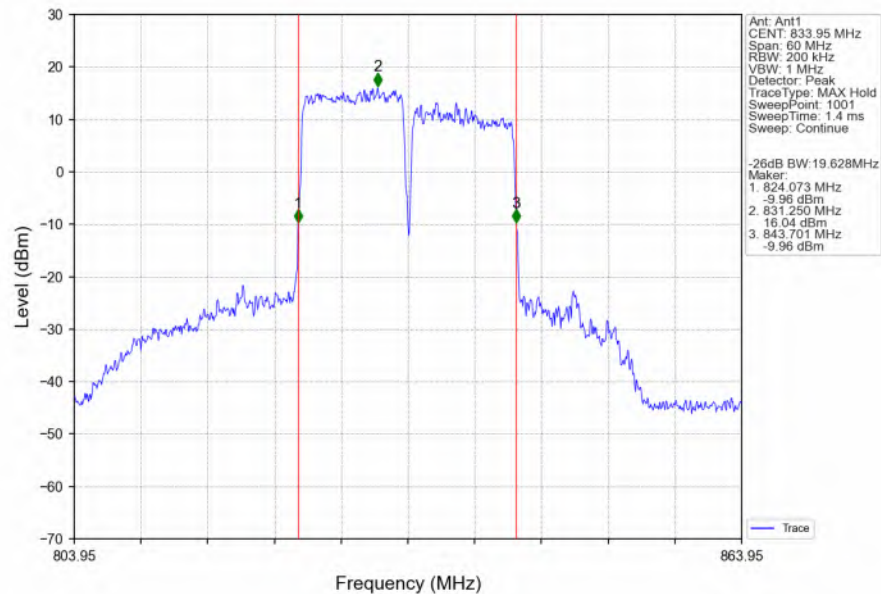
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:831.6 CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



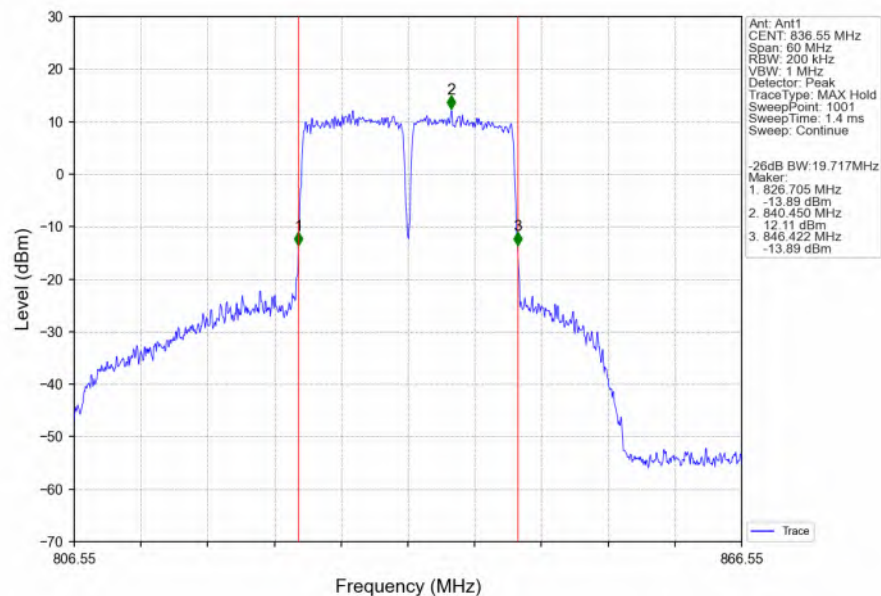
CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:16QAM CC2:16QAM\_CC1:834.1 CC2:844MHz\_CC1: 50@0 CC2: 50@0



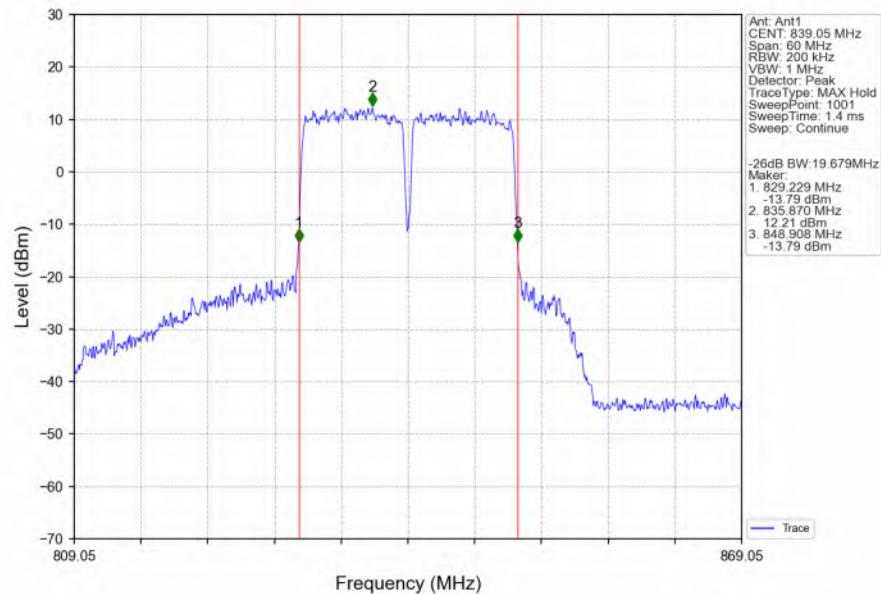
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:829.95MHz\_CC2:838.9MHz\_CC1: 50@0 CC2: 50@0



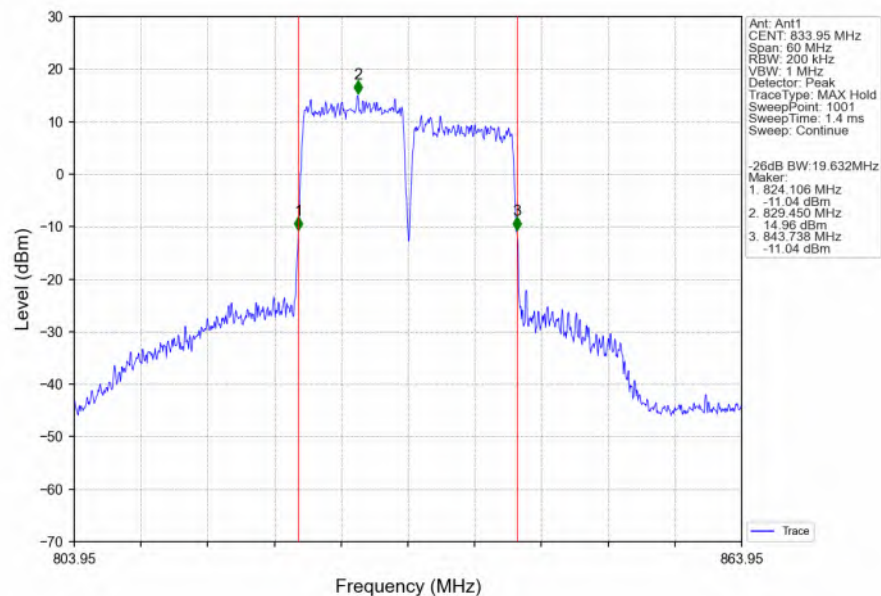
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:831.6MHz\_CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



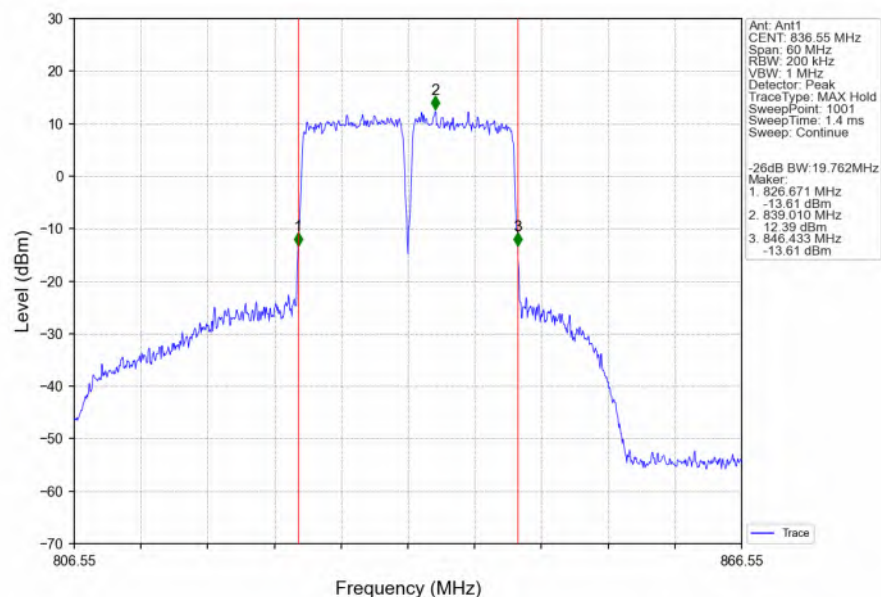
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:64QAM\_CC2:64QAM\_CC1:834.1\_CC2:844MHz\_CC1: 50@0\_CC2: 50@0



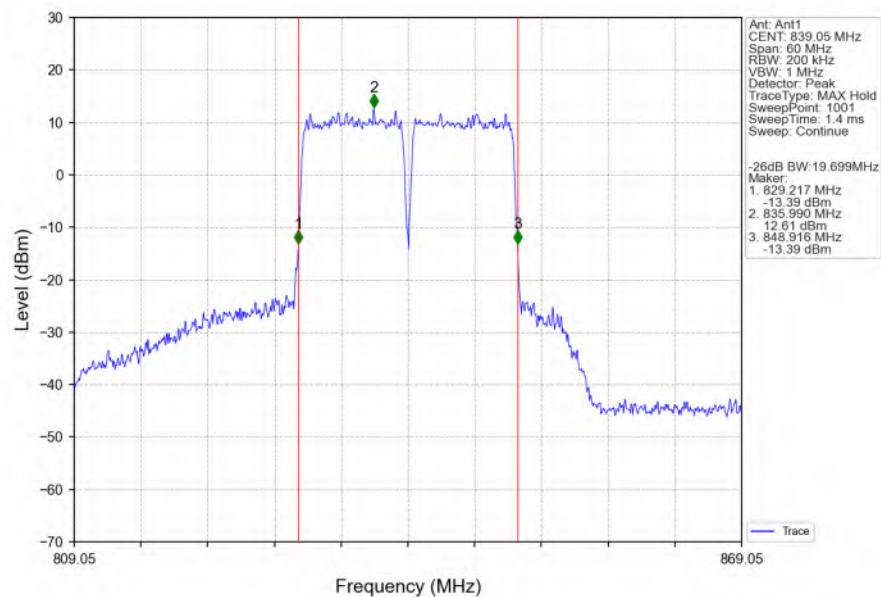
CA\_5B\_SISO\_NTNV\_CC1:10\_CC2:10MHz\_CC1:256QAM\_CC2:256QAM\_CC1:829\_CC2:838.9MHz\_CC1: 50@0\_CC2: 50@0



CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:831.6 CC2:841.5MHz\_CC1: 50@0 CC2: 50@0



CA\_5B\_SISO\_NTNV\_CC1:10 CC2:10MHz\_CC1:256QAM CC2:256QAM\_CC1:834.1 CC2:844MHz\_CC1: 50@0 CC2: 50@0





### 3. Spurious Emission

#### 3.1 Test Result

##### 3.1.1 CA\_5B\_NTNV

| Band: CA_5B / NTN      |                                  |                        |                        |                     |     |     |       |         |
|------------------------|----------------------------------|------------------------|------------------------|---------------------|-----|-----|-------|---------|
| BW<br>(MHz)            | Modulation                       | Frequency<br>(MHz)     | RB<br>Allocation       | Spurious Emission   |     |     |       | Verdict |
|                        |                                  |                        |                        | CC1                 | CC2 | Sum | Limit |         |
| CC1:3<br>CC2:5         | CC1:<br>QPSK<br>CC2:<br>QPSK     | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 1@14<br>CC2: 1@24 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        |                        |                     |     |     |       |         |
|                        | CC1:<br>16QAM<br>CC2:<br>16QAM   | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 1@14<br>CC2: 1@24 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        |                        |                     |     |     |       |         |
|                        | CC1:<br>64QAM<br>CC2:<br>64QAM   | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  | CC1:842.6<br>CC2:846.5 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 1@14<br>CC2: 1@24 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        |                        |                     |     |     |       |         |
|                        | CC1:<br>256QAM<br>CC2:<br>256QAM | CC1:825.5<br>CC2:829.4 | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph |     |     |       | Pass    |
|                        |                                  |                        | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph |     |     |       | Pass    |
| CC1:842.6<br>CC2:846.5 |                                  | CC1: 1@0<br>CC2: 1@0   | Refer To Test Graph    |                     |     |     | Pass  |         |
|                        |                                  | CC1: 1@14<br>CC2: 1@24 | Refer To Test Graph    |                     |     |     | Pass  |         |
|                        |                                  | CC1: 15@0<br>CC2: 25@0 | Refer To Test Graph    |                     |     |     | Pass  |         |
|                        |                                  |                        |                        |                     |     |     |       |         |
| CC1:5                  | CC1:                             | CC1:826.5              | CC1: 1@0               | Refer To Test Graph |     |     |       | Pass    |