

# ANNEX 1 TEST DATA

## FCC ID: 2BR3I-FS210P

Applicant: Hunan Chuangke Photoelectric Co. LTD

Address: No.9 Factory Building, Electronic Information Manufacturing Base, No.199, Aviation Road, Wangcheng District, Changsha city, Hunan Province

Manufacturer: Hunan Chuangke Photoelectric Co. LTD

Address: No.9 Factory Building, Electronic Information Manufacturing Base, No.199, Aviation Road, Wangcheng District, Changsha city, Hunan Province

Product Name: Projector

Trade Mark: N/A

Model Number: FS210P  
O1, O1Pro, O1Max, P10

Date of Receipt: Aug. 13, 2025

Test Date: Aug. 13, 2025 - Sep. 10, 2025

Date of Report: Sep. 10, 2025

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

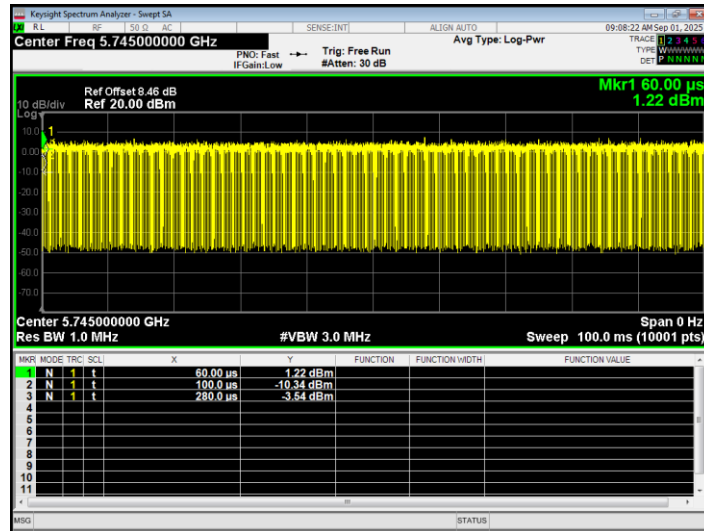
Applicable Standards: FCC PART 15 E 15.407  
ANSI C63.10-2020

Test Result: Pass

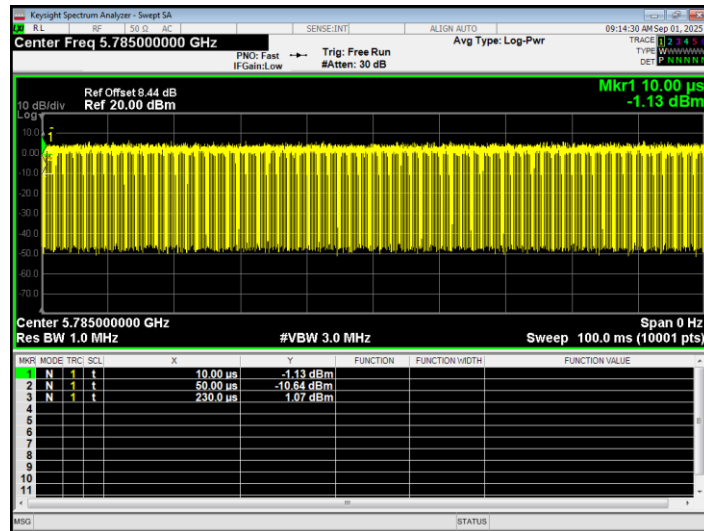
## 1. Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | a    | 5745            | Ant1    | 81.82          | 0.87                   |
| NVNT      | a    | 5785            | Ant1    | 81.82          | 0.87                   |
| NVNT      | a    | 5825            | Ant1    | 81.82          | 0.87                   |
| NVNT      | ac20 | 5745            | Ant1    | 97.06          | 0.13                   |
| NVNT      | ac20 | 5785            | Ant1    | 97.04          | 0.13                   |
| NVNT      | ac20 | 5825            | Ant1    | 96.32          | 0.16                   |
| NVNT      | ac40 | 5755            | Ant1    | 94.2           | 0.26                   |
| NVNT      | ac40 | 5795            | Ant1    | 92.86          | 0.32                   |
| NVNT      | ax20 | 5745            | Ant1    | 97.04          | 0.13                   |
| NVNT      | ax20 | 5785            | Ant1    | 97.06          | 0.13                   |
| NVNT      | ax20 | 5825            | Ant1    | 96.32          | 0.16                   |
| NVNT      | ax40 | 5755            | Ant1    | 94.2           | 0.26                   |
| NVNT      | ax40 | 5795            | Ant1    | 94.2           | 0.26                   |
| NVNT      | n20  | 5745            | Ant1    | 97.01          | 0.13                   |
| NVNT      | n20  | 5785            | Ant1    | 96.3           | 0.16                   |
| NVNT      | n20  | 5825            | Ant1    | 96.3           | 0.16                   |
| NVNT      | n40  | 5755            | Ant1    | 94.2           | 0.26                   |
| NVNT      | n40  | 5795            | Ant1    | 94.2           | 0.26                   |

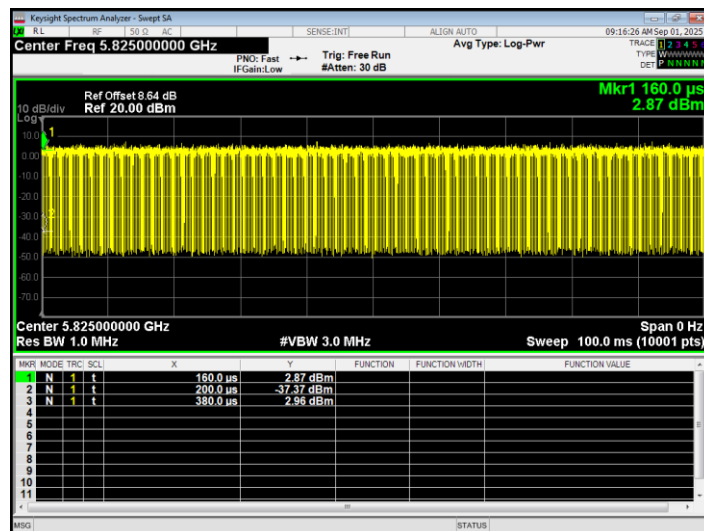
# Duty Cycle NVNT a 5745MHz Ant1



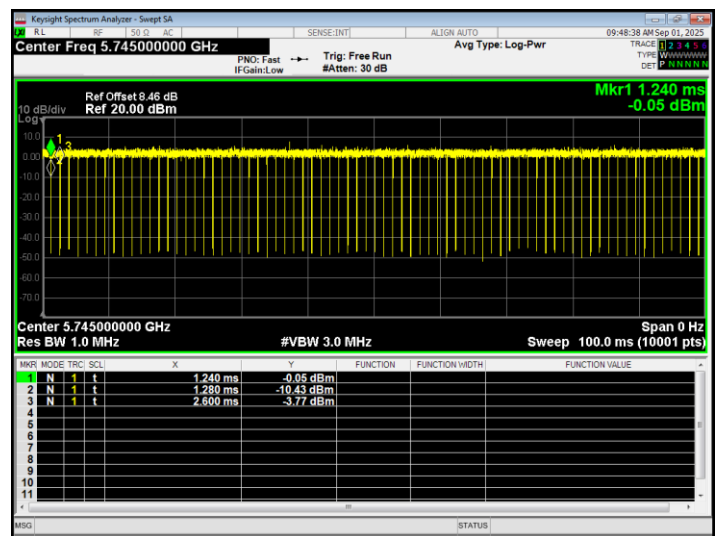
# Duty Cycle NVNT a 5785MHz Ant1



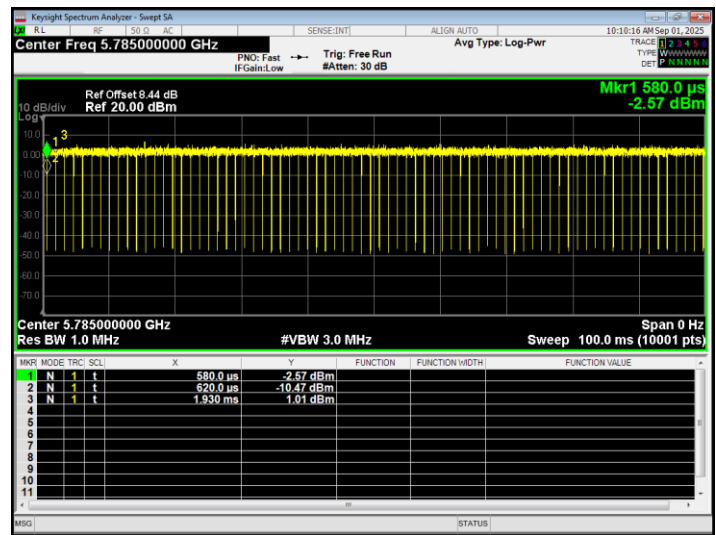
# Duty Cycle NVNT a 5825MHz Ant1



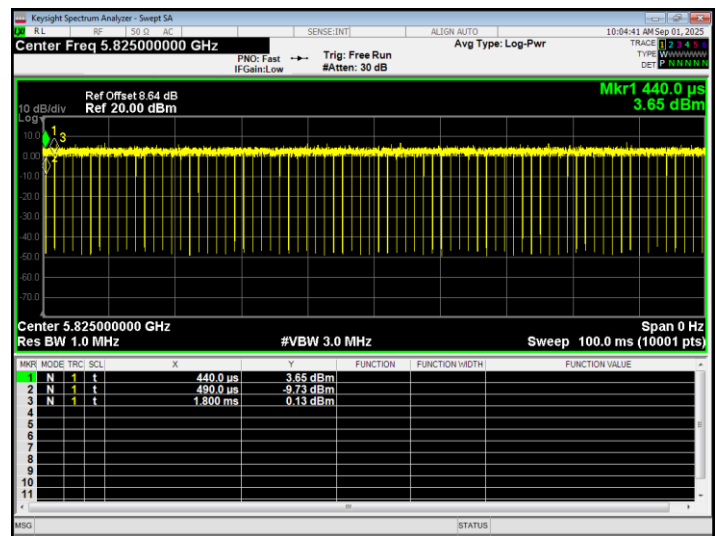
Duty Cycle NVNT ac20 5745MHz Ant1



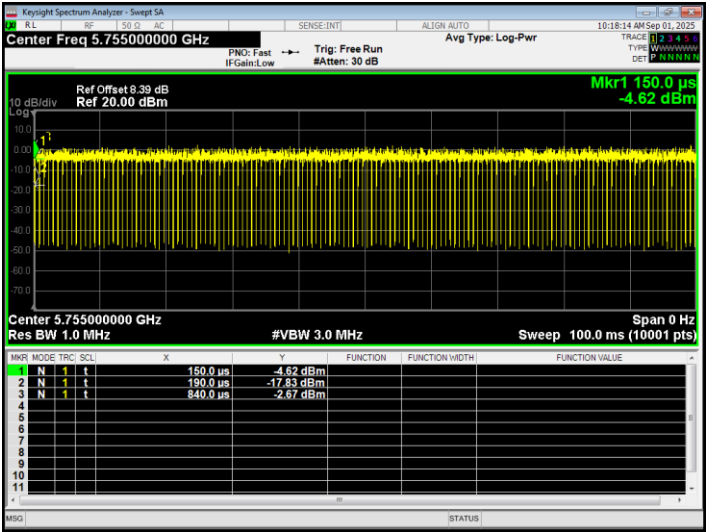
Duty Cycle NVNT ac20 5785MHz Ant1



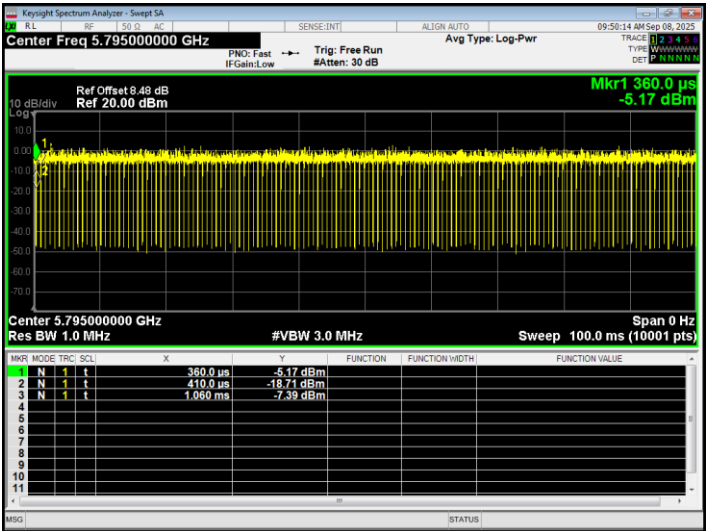
Duty Cycle NVNT ac20 5825MHz Ant1



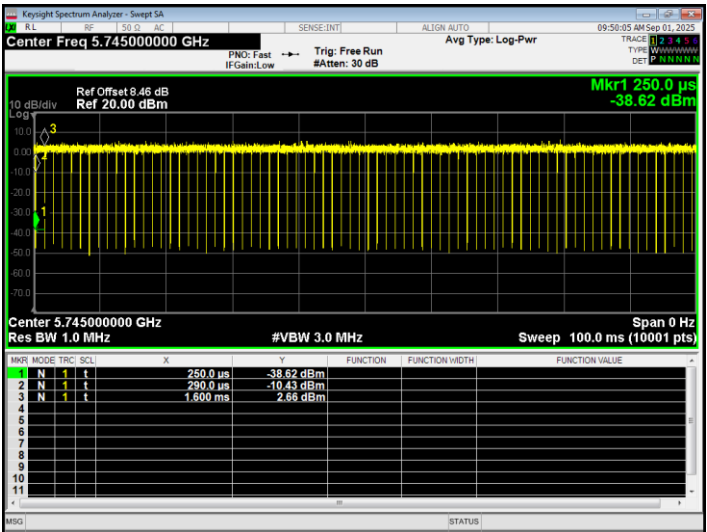
Duty Cycle NVNT ac40 5755MHz Ant1



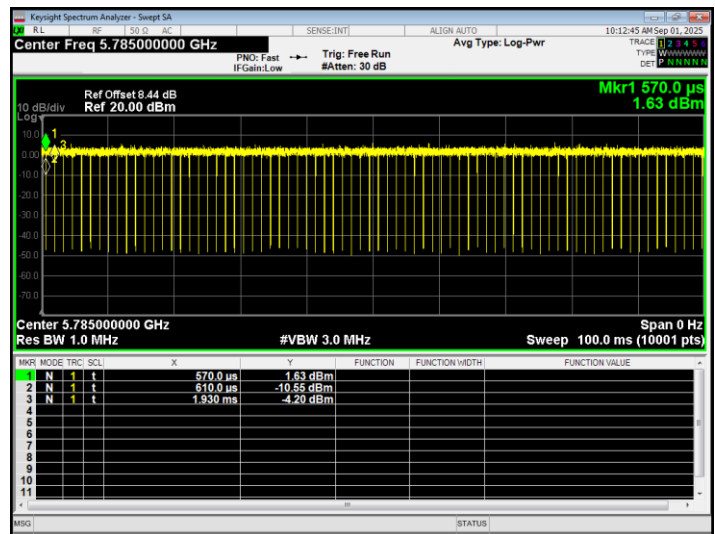
Duty Cycle NVNT ac40 5795MHz Ant1



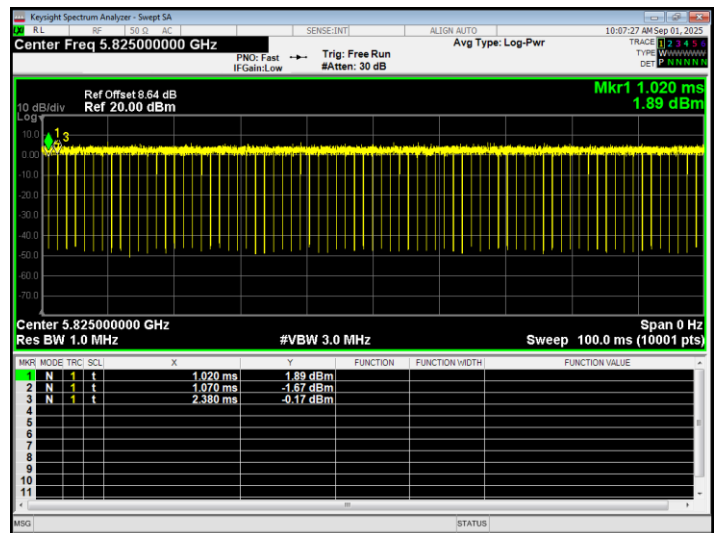
Duty Cycle NVNT ax20 5745MHz Ant1



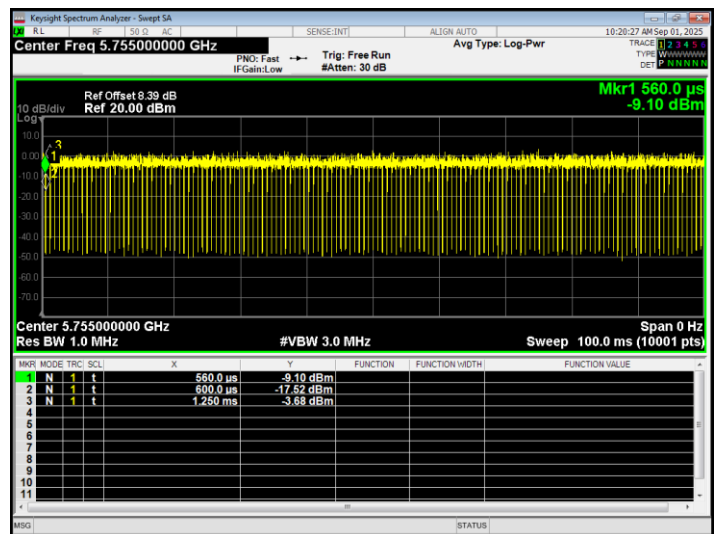
Duty Cycle NVNT ax20 5785MHz Ant1



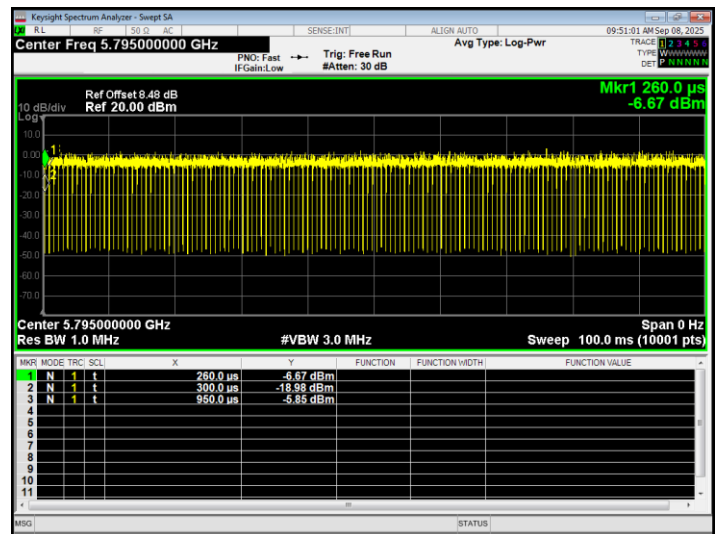
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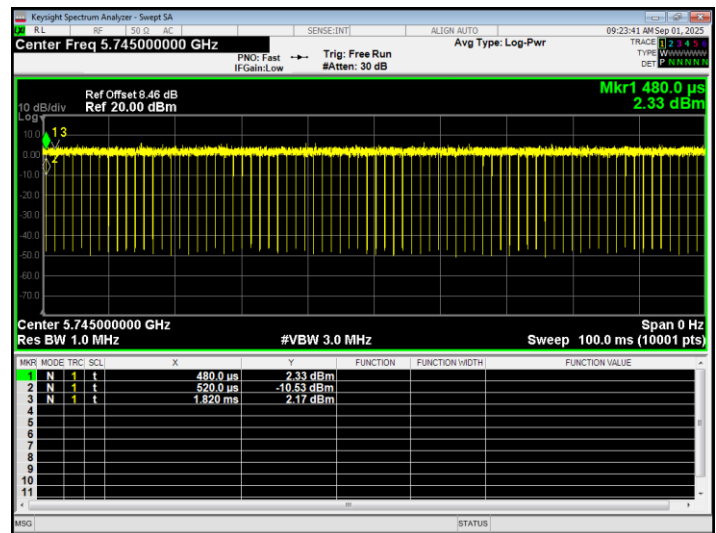
Duty Cycle NVNT ax40 5755MHz Ant1



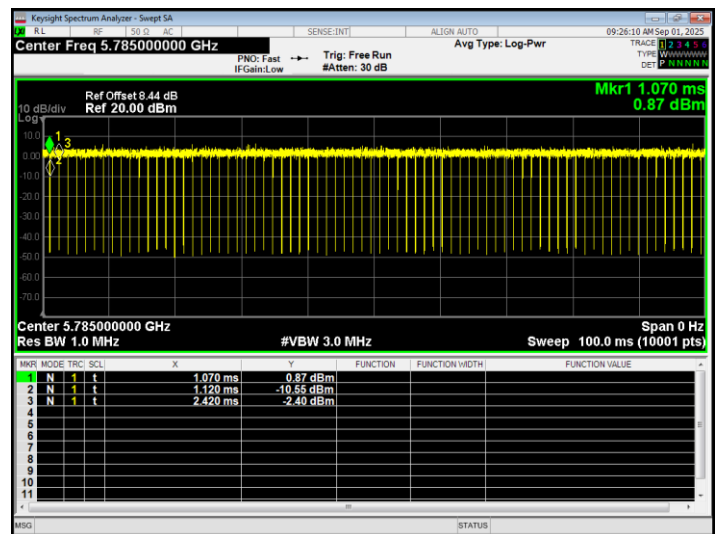
Duty Cycle NVNT ax40 5795MHz Ant1



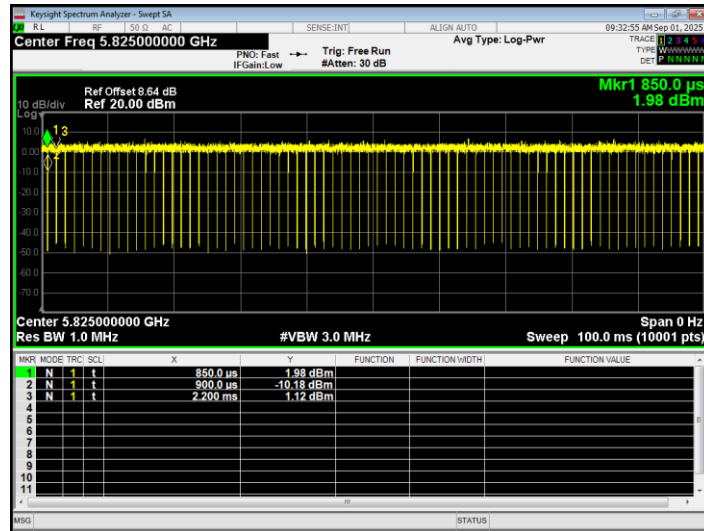
Duty Cycle NVNT n20 5745MHz Ant1



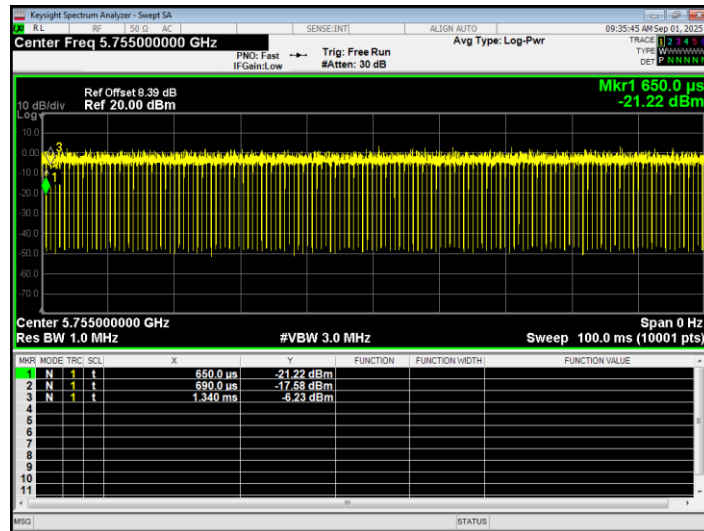
Duty Cycle NVNT n20 5785MHz Ant1



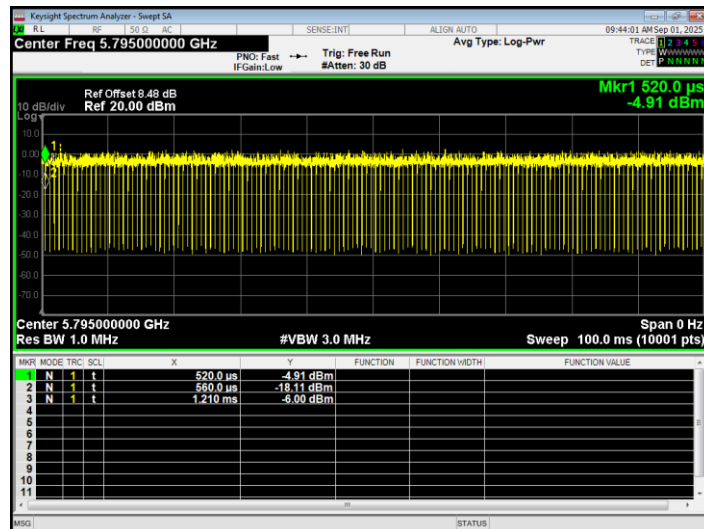
# Duty Cycle NVNT n20 5825MHz Ant1



# Duty Cycle NVNT n40 5755MHz Ant1



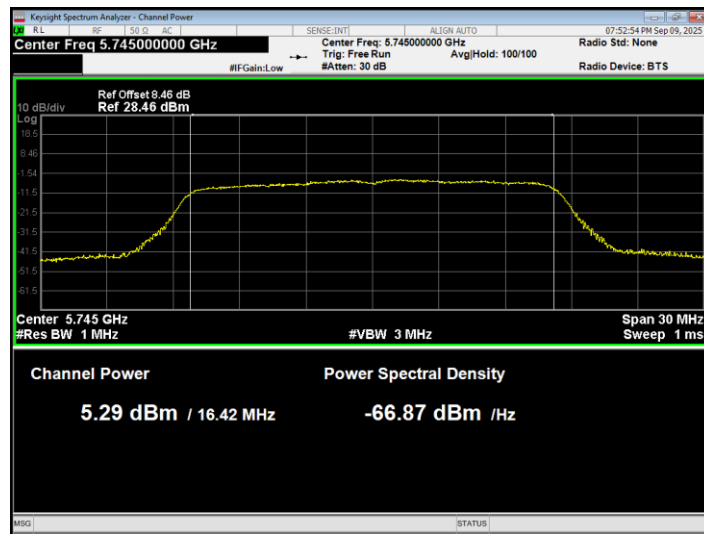
# Duty Cycle NVNT n40 5795MHz Ant1



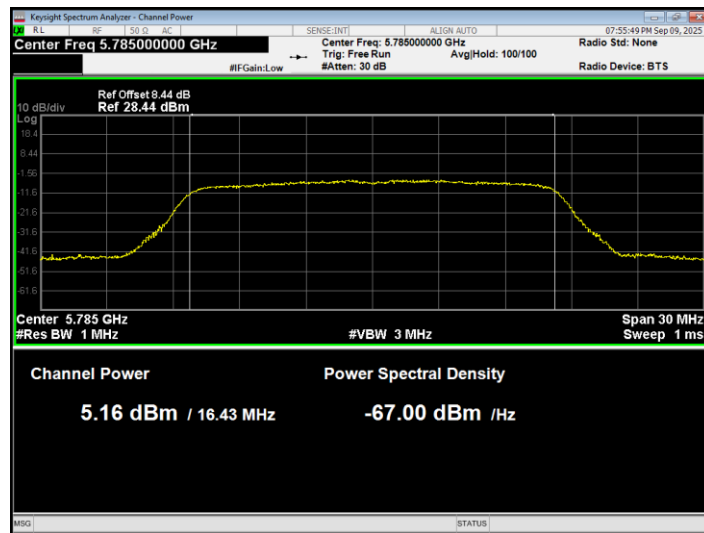
## 2. Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | a    | 5745               | Ant1    | 5.29                     | 0.87                | 6.16                 | 30             | Pass    |
| NVNT      | a    | 5785               | Ant1    | 5.16                     | 0.87                | 6.03                 | 30             | Pass    |
| NVNT      | a    | 5825               | Ant1    | 6.96                     | 0.87                | 7.83                 | 30             | Pass    |
| NVNT      | ac20 | 5745               | Ant1    | 6.16                     | 0.13                | 6.29                 | 30             | Pass    |
| NVNT      | ac20 | 5785               | Ant1    | 6.03                     | 0.13                | 6.16                 | 30             | Pass    |
| NVNT      | ac20 | 5825               | Ant1    | 7.64                     | 0.16                | 7.80                 | 30             | Pass    |
| NVNT      | ac40 | 5755               | Ant1    | 6.85                     | 0.26                | 7.11                 | 30             | Pass    |
| NVNT      | ac40 | 5795               | Ant1    | 7.40                     | 0.32                | 7.72                 | 30             | Pass    |
| NVNT      | ax20 | 5745               | Ant1    | 6.15                     | 0.13                | 6.28                 | 30             | Pass    |
| NVNT      | ax20 | 5785               | Ant1    | 6.01                     | 0.13                | 6.14                 | 30             | Pass    |
| NVNT      | ax20 | 5825               | Ant1    | 7.63                     | 0.16                | 7.79                 | 30             | Pass    |
| NVNT      | ax40 | 5755               | Ant1    | 7.01                     | 0.26                | 7.27                 | 30             | Pass    |
| NVNT      | ax40 | 5795               | Ant1    | 7.41                     | 0.26                | 7.67                 | 30             | Pass    |
| NVNT      | n20  | 5745               | Ant1    | 6.25                     | 0.13                | 6.38                 | 30             | Pass    |
| NVNT      | n20  | 5785               | Ant1    | 5.92                     | 0.16                | 6.08                 | 30             | Pass    |
| NVNT      | n20  | 5825               | Ant1    | 7.80                     | 0.16                | 7.96                 | 30             | Pass    |
| NVNT      | n40  | 5755               | Ant1    | 7.03                     | 0.26                | 7.29                 | 30             | Pass    |
| NVNT      | n40  | 5795               | Ant1    | 7.51                     | 0.26                | 7.77                 | 30             | Pass    |

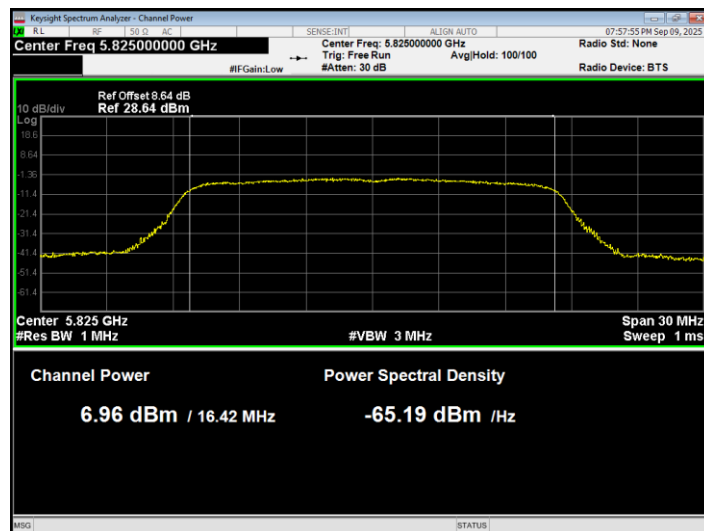
# Power NVNT a 5745MHz Ant1



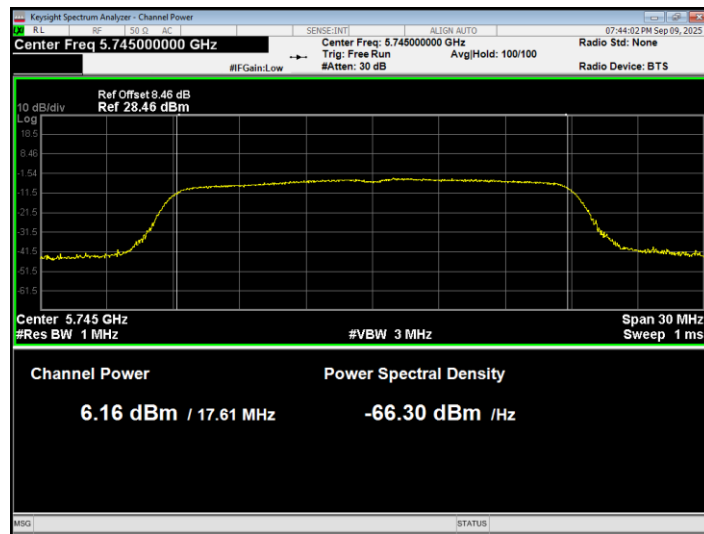
# Power NVNT a 5785MHz Ant1



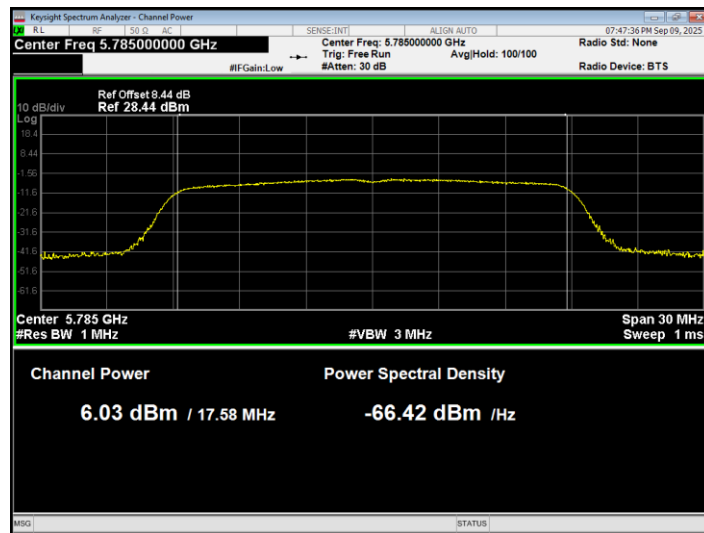
# Power NVNT a 5825MHz Ant1



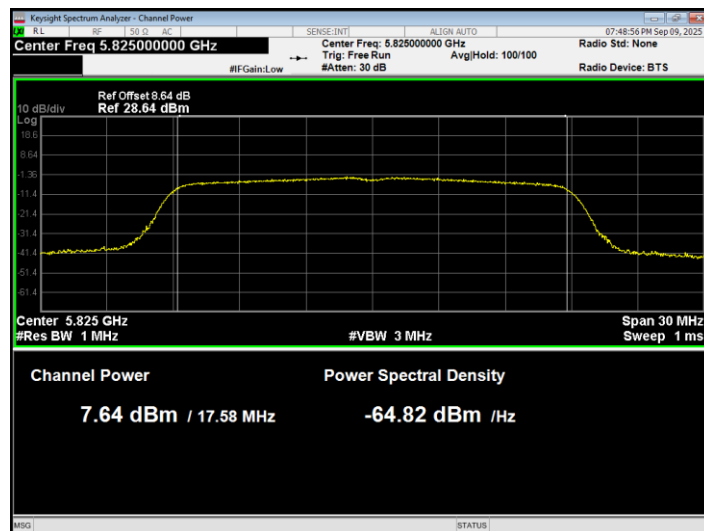
Power NVNT ac20 5745MHz Ant1



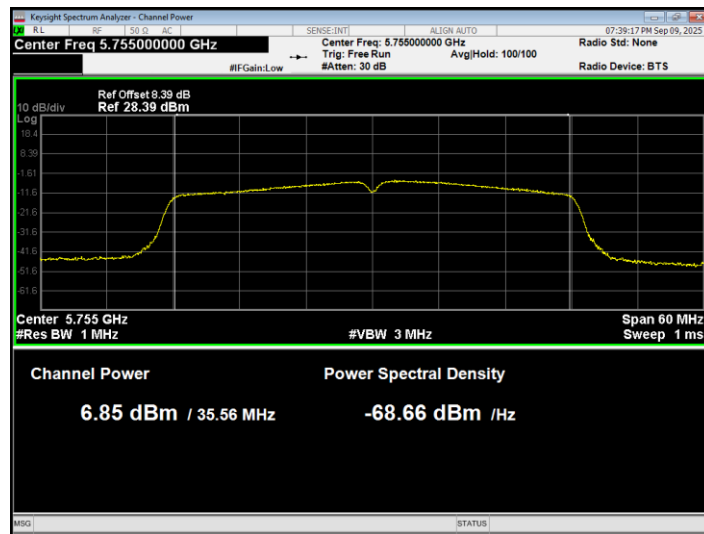
Power NVNT ac20 5785MHz Ant1



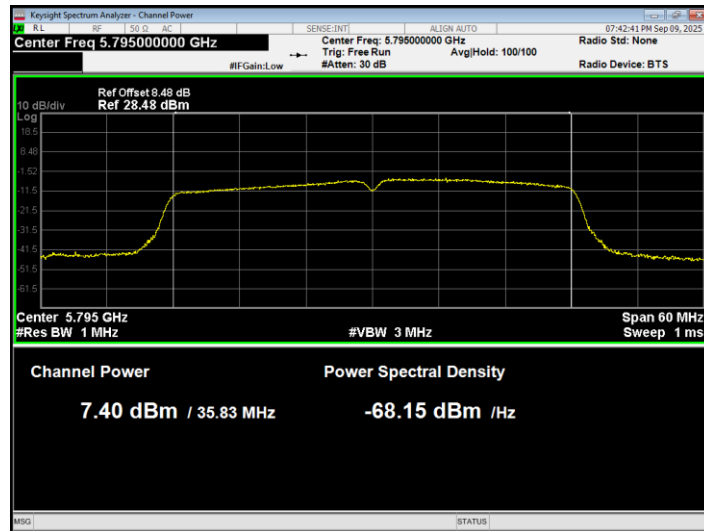
Power NVNT ac20 5825MHz Ant1



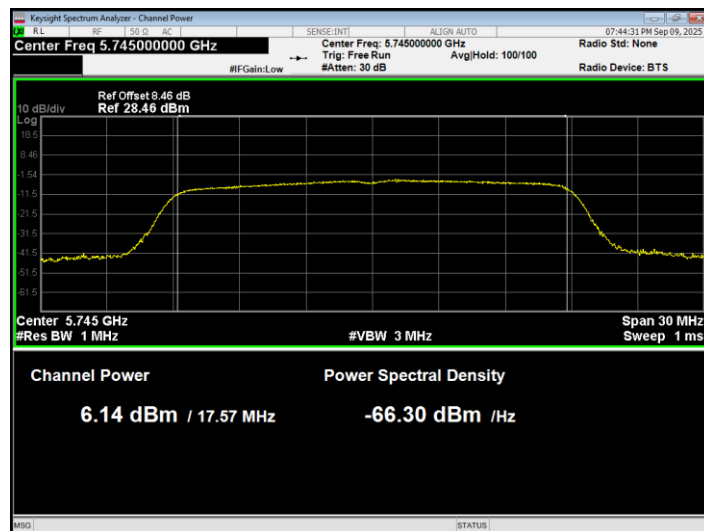
Power NVNT ac40 5755MHz Ant1



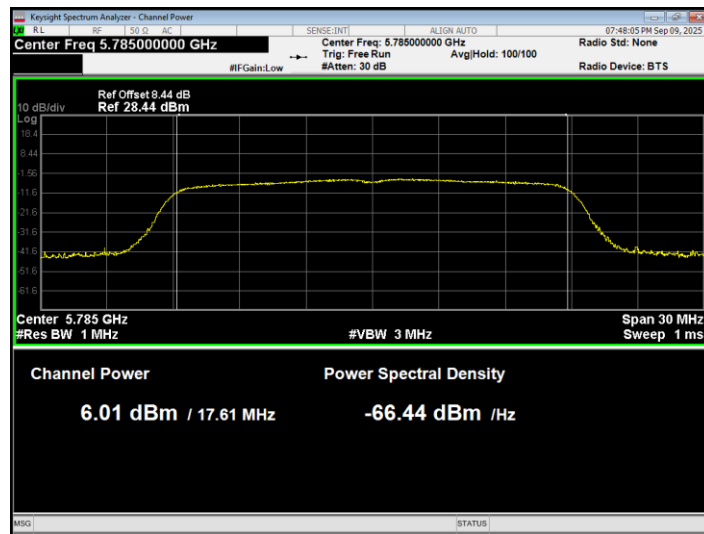
Power NVNT ac40 5795MHz Ant1



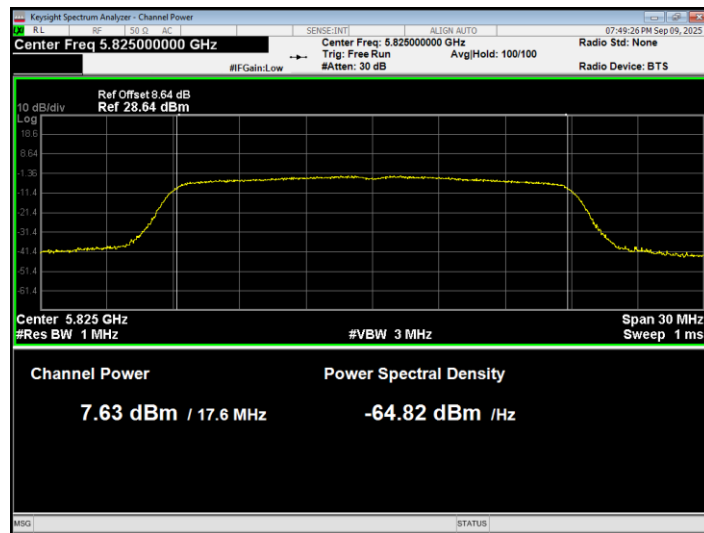
Power NVNT ax20 5745MHz Ant1



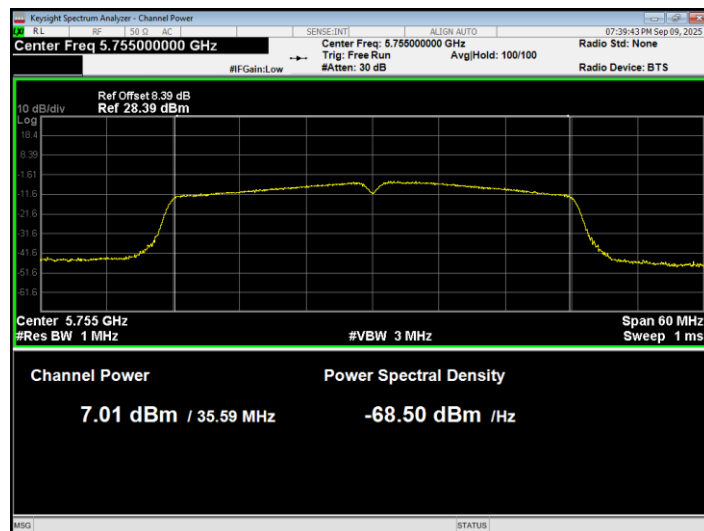
Power NVNT ax20 5785MHz Ant1



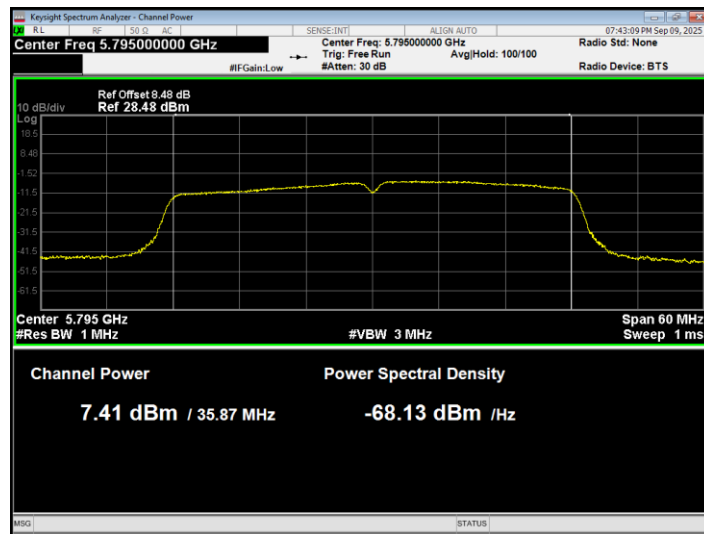
Power NVNT ax20 5825MHz Ant1



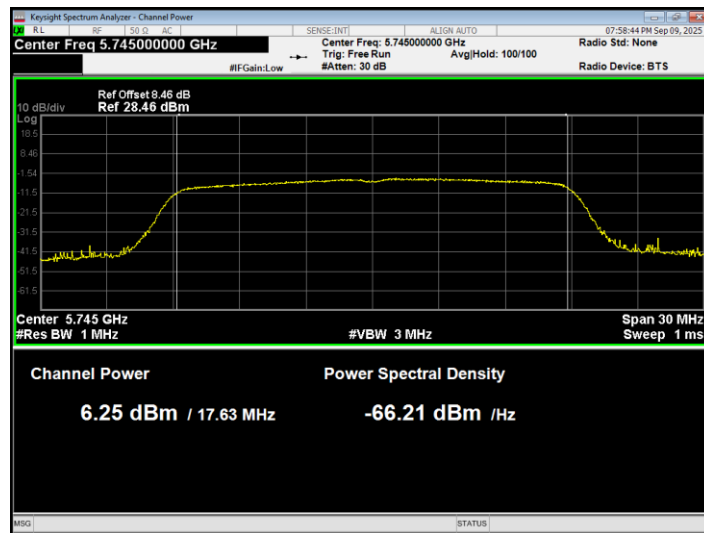
Power NVNT ax40 5755MHz Ant1



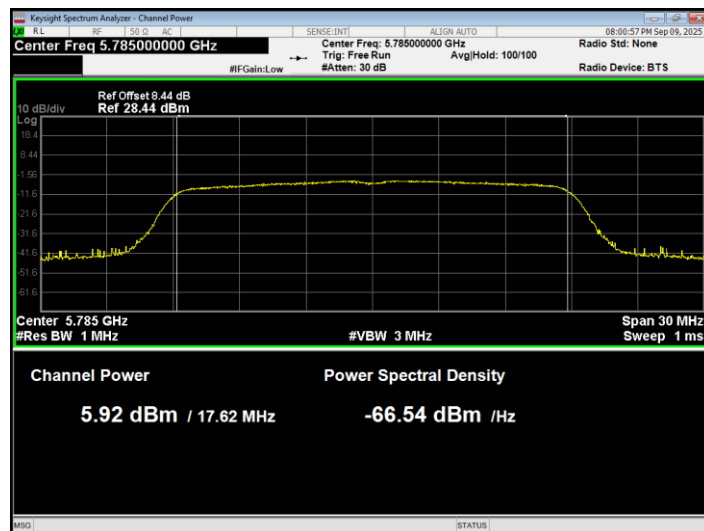
Power NVNT ax40 5795MHz Ant1



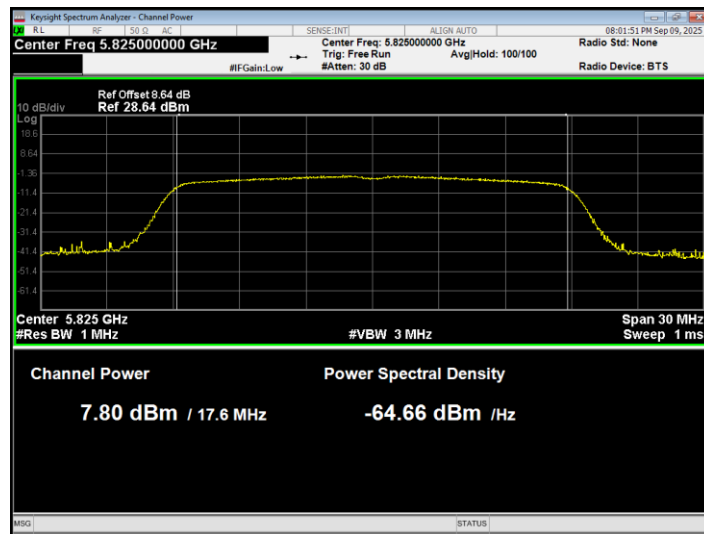
Power NVNT n20 5745MHz Ant1



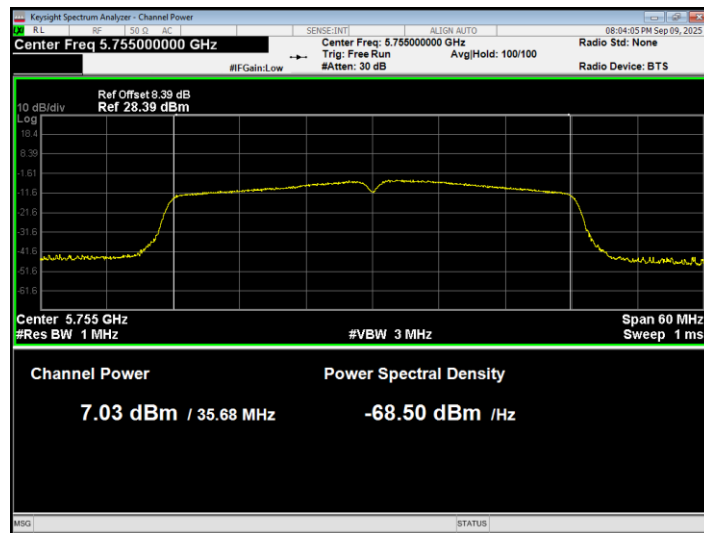
Power NVNT n20 5785MHz Ant1



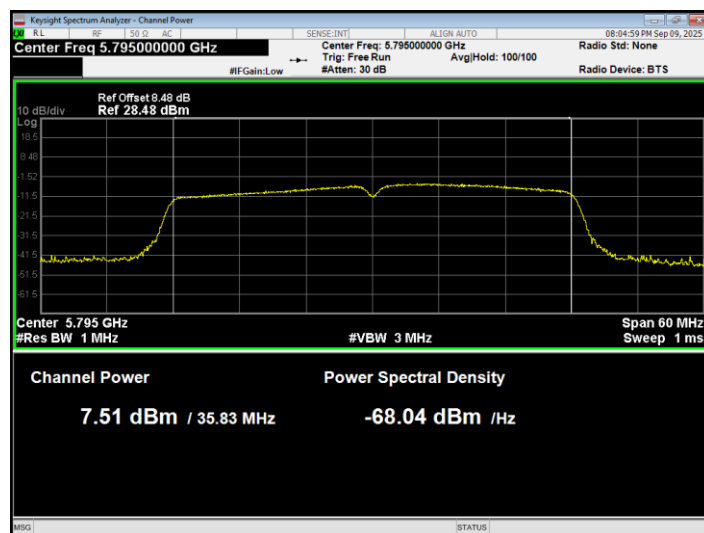
Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



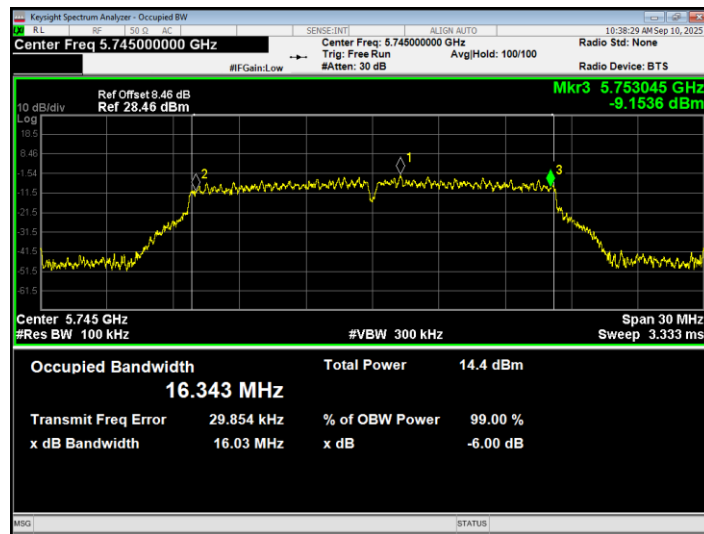
Power NVNT n40 5795MHz Ant1



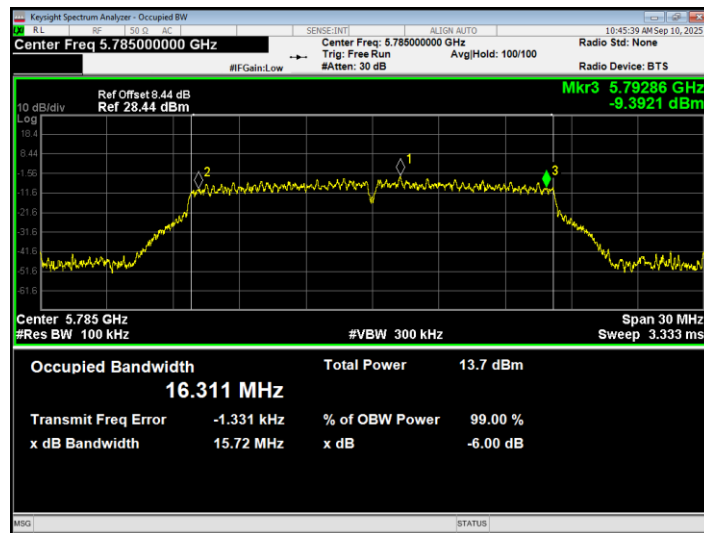
### 3. -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.03                 | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 15.72                 | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 15.74                 | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 16.66                 | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 16.38                 | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 15.33                 | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 31.29                 | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.07                 | 0.5                         | Pass    |
| NVNT      | ax20 | 5745            | Ant1    | 15.94                 | 0.5                         | Pass    |
| NVNT      | ax20 | 5785            | Ant1    | 14.37                 | 0.5                         | Pass    |
| NVNT      | ax20 | 5825            | Ant1    | 13.84                 | 0.5                         | Pass    |
| NVNT      | ax40 | 5755            | Ant1    | 33.78                 | 0.5                         | Pass    |
| NVNT      | ax40 | 5795            | Ant1    | 32.59                 | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 14.46                 | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 16.43                 | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 16.25                 | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 33.76                 | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 33.76                 | 0.5                         | Pass    |

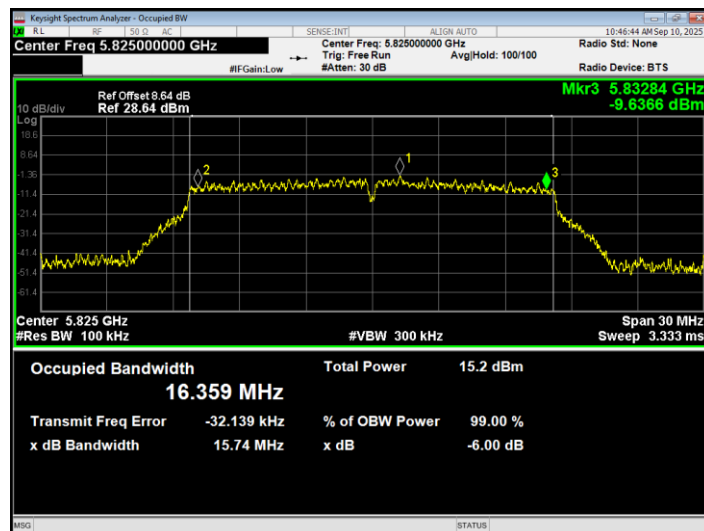
-6dB Bandwidth NVNT a 5745MHz Ant1



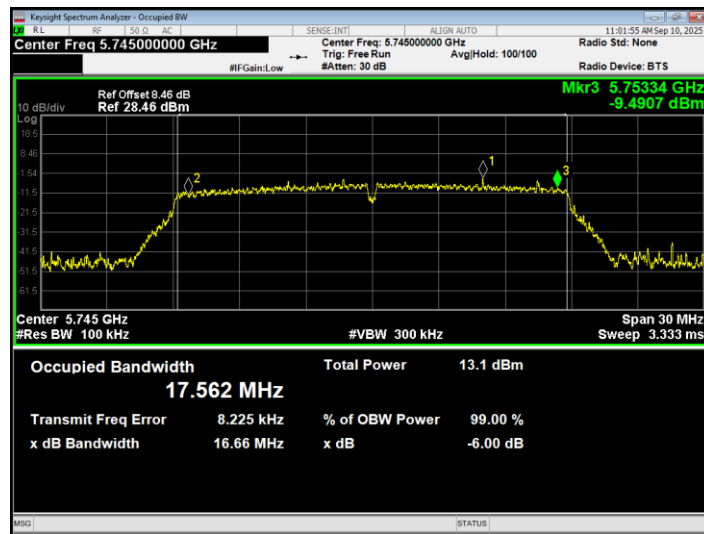
-6dB Bandwidth NVNT a 5785MHz Ant1



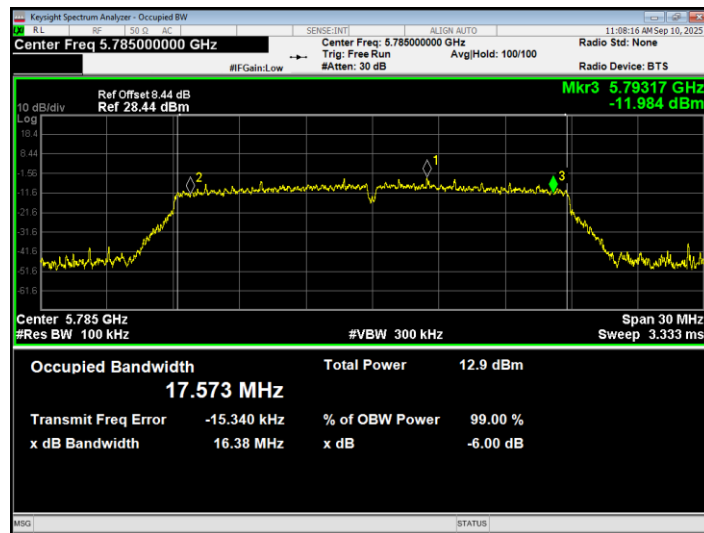
-6dB Bandwidth NVNT a 5825MHz Ant1



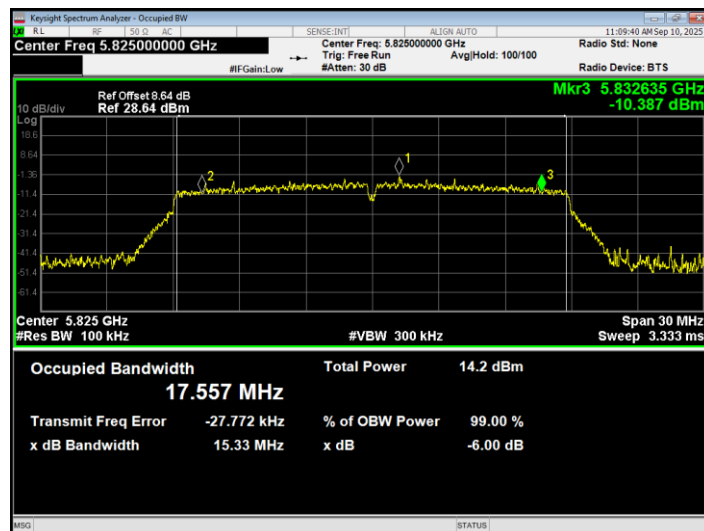
-6dB Bandwidth NVNT ac20 5745MHz Ant1



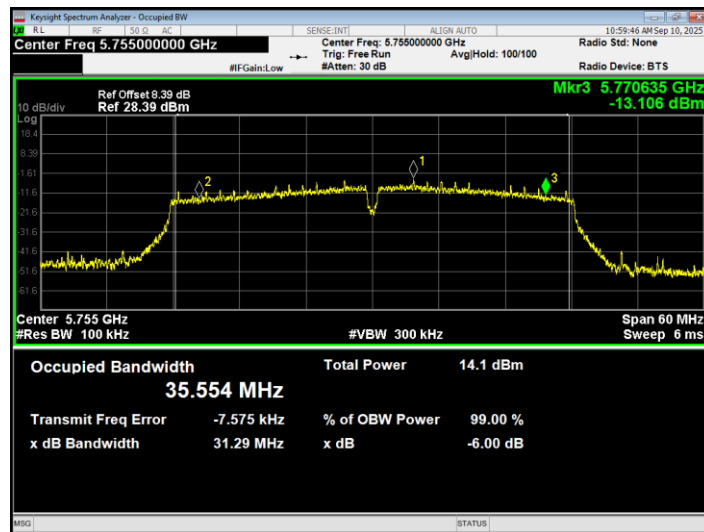
-6dB Bandwidth NVNT ac20 5785MHz Ant1



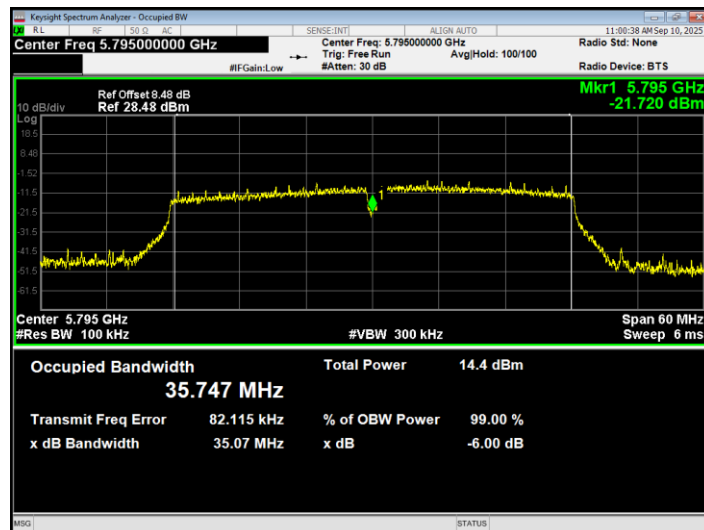
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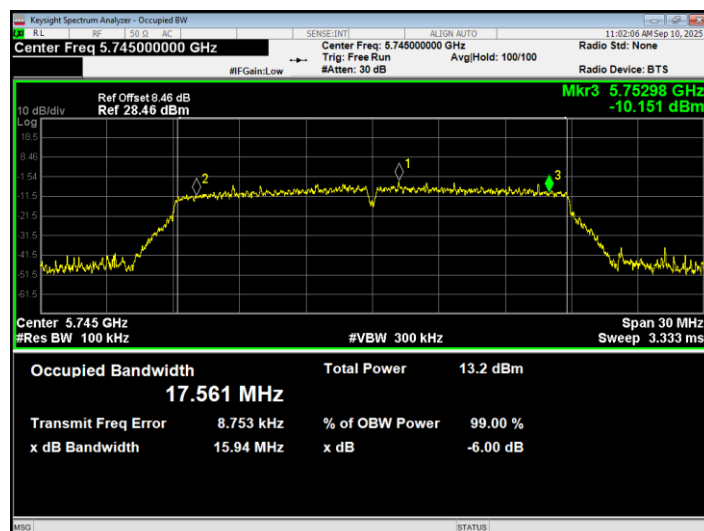
-6dB Bandwidth NVNT ac40 5755MHz Ant1



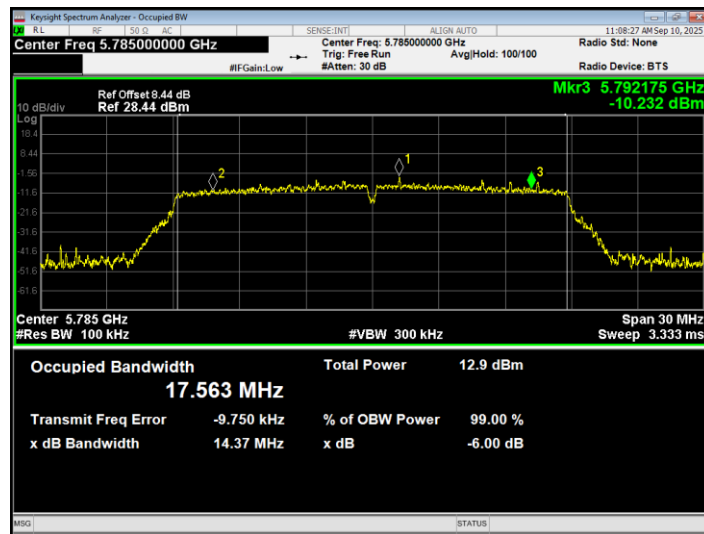
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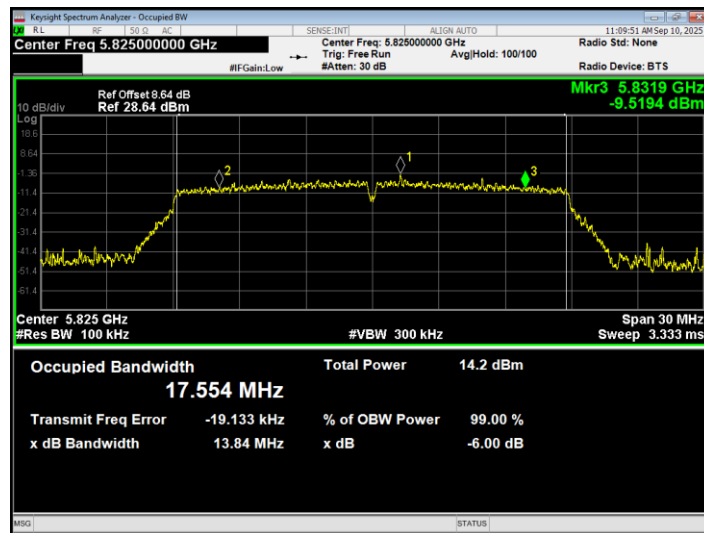
-6dB Bandwidth NVNT ax20 5745MHz Ant1



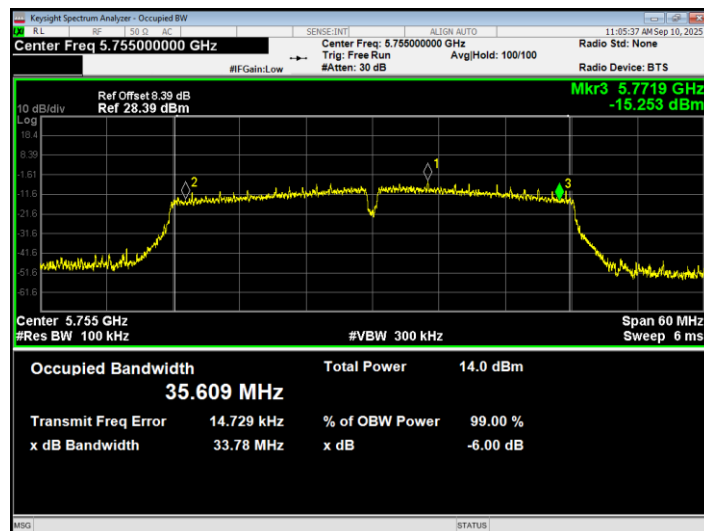
-6dB Bandwidth NVNT ax20 5785MHz Ant1



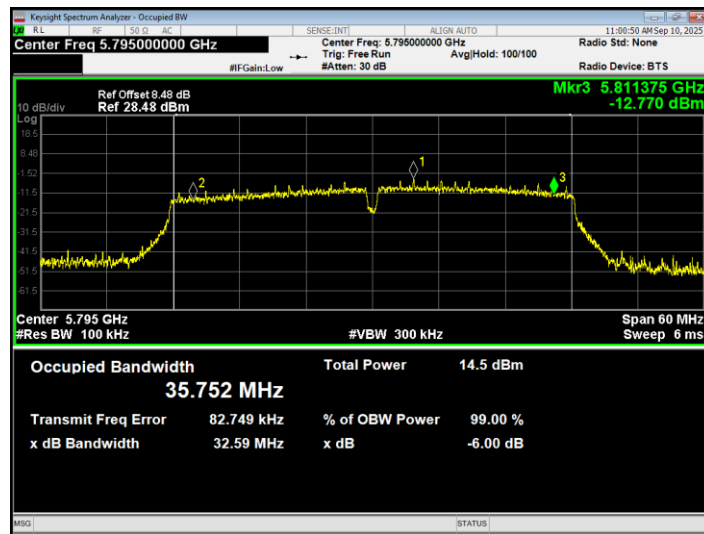
-6dB Bandwidth NVNT ax20 5825MHz Ant1



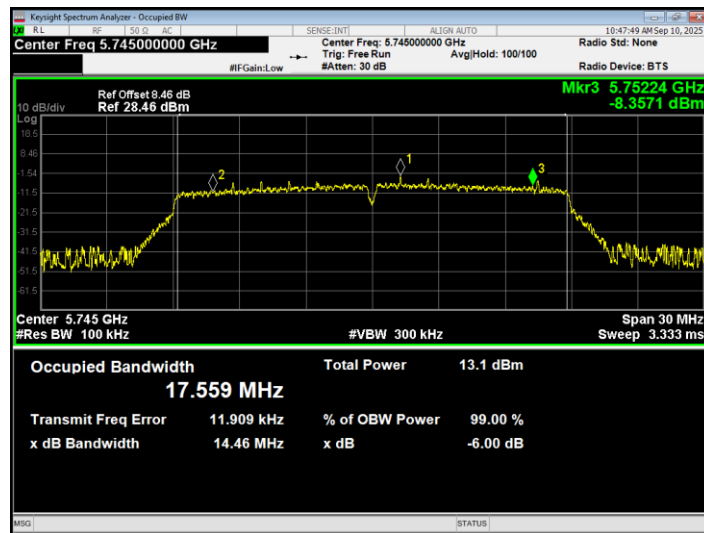
-6dB Bandwidth NVNT ax40 5755MHz Ant1



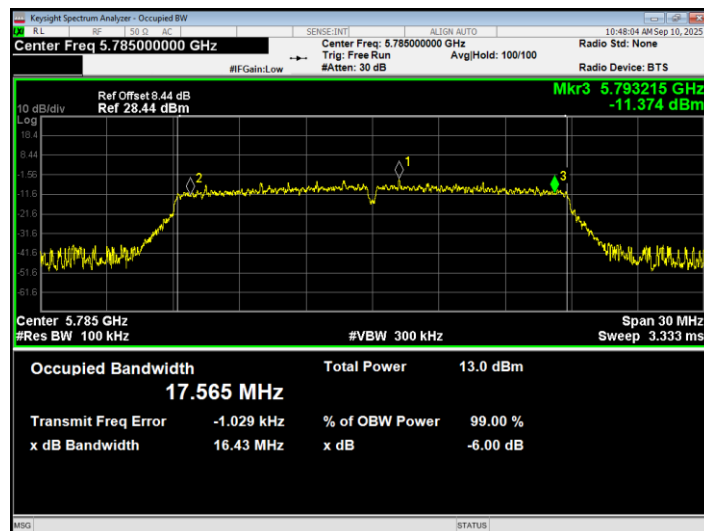
-6dB Bandwidth NVNT ax40 5795MHz Ant1



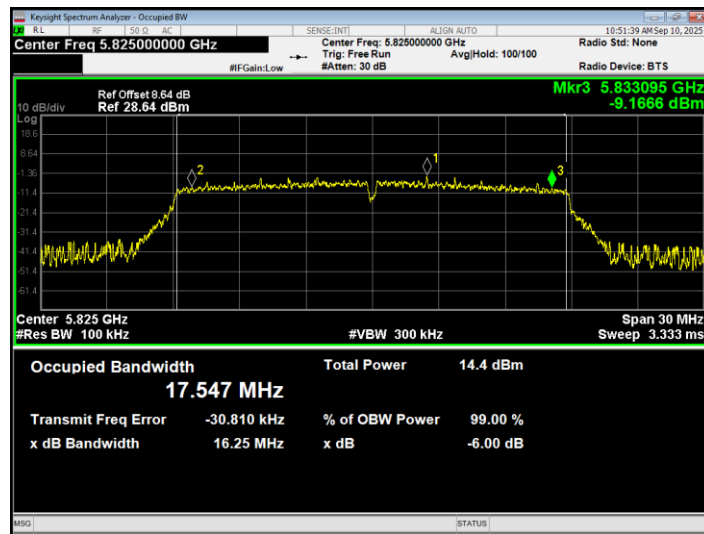
-6dB Bandwidth NVNT n20 5745MHz Ant1



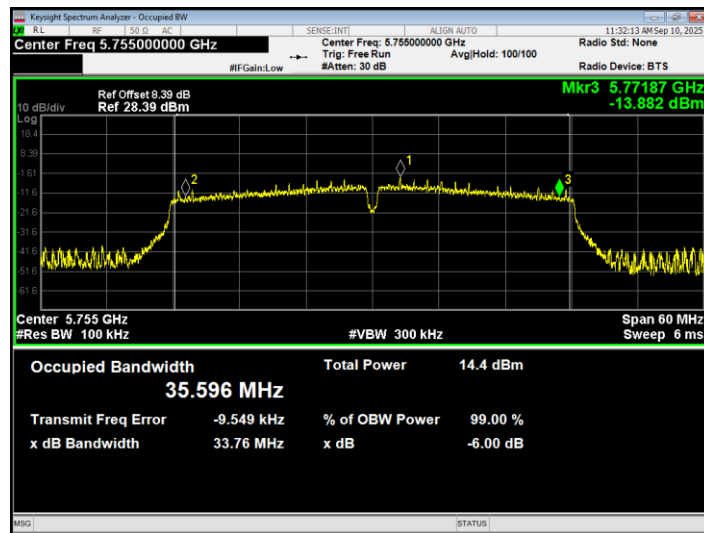
-6dB Bandwidth NVNT n20 5785MHz Ant1



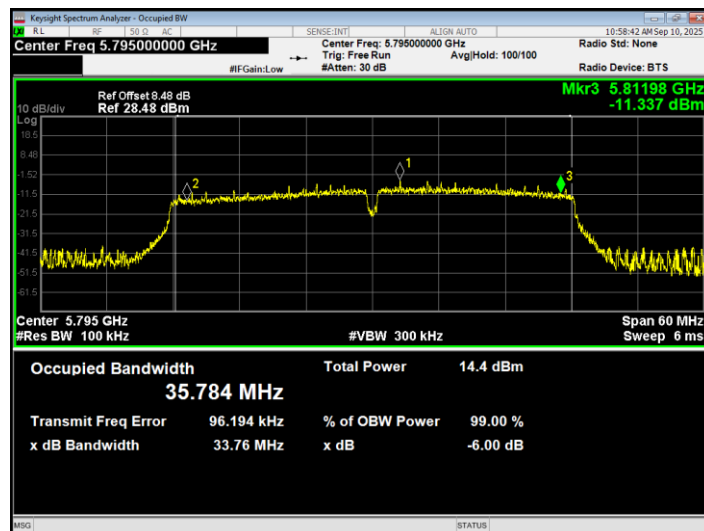
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



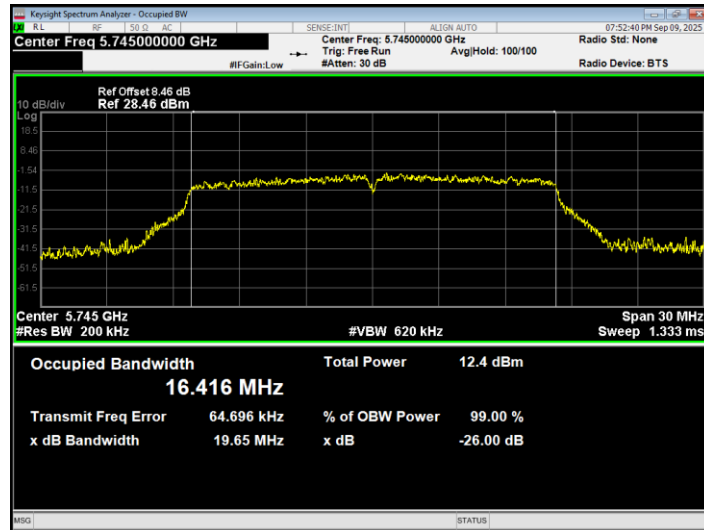
-6dB Bandwidth NVNT n40 5795MHz Ant1



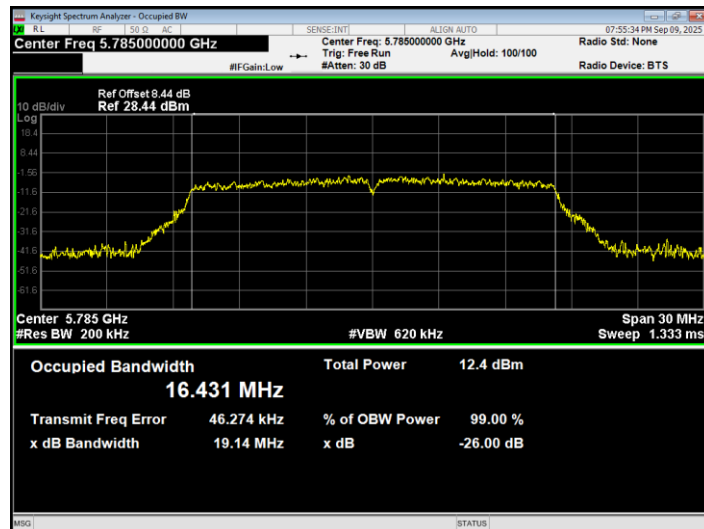
#### 4. Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | a    | 5745            | Ant1    | 16.41642232   |
| NVNT      | a    | 5785            | Ant1    | 16.43075706   |
| NVNT      | a    | 5825            | Ant1    | 16.41944823   |
| NVNT      | ac20 | 5745            | Ant1    | 17.60884146   |
| NVNT      | ac20 | 5785            | Ant1    | 17.58015154   |
| NVNT      | ac20 | 5825            | Ant1    | 17.58459184   |
| NVNT      | ac40 | 5755            | Ant1    | 35.55507522   |
| NVNT      | ac40 | 5795            | Ant1    | 35.82545569   |
| NVNT      | ax20 | 5745            | Ant1    | 17.57254633   |
| NVNT      | ax20 | 5785            | Ant1    | 17.60804712   |
| NVNT      | ax20 | 5825            | Ant1    | 17.59695275   |
| NVNT      | ax40 | 5755            | Ant1    | 35.59234222   |
| NVNT      | ax40 | 5795            | Ant1    | 35.87189755   |
| NVNT      | n20  | 5745            | Ant1    | 17.63416831   |
| NVNT      | n20  | 5785            | Ant1    | 17.61724556   |
| NVNT      | n20  | 5825            | Ant1    | 17.59967026   |
| NVNT      | n40  | 5755            | Ant1    | 35.68064088   |
| NVNT      | n40  | 5795            | Ant1    | 35.8288094    |

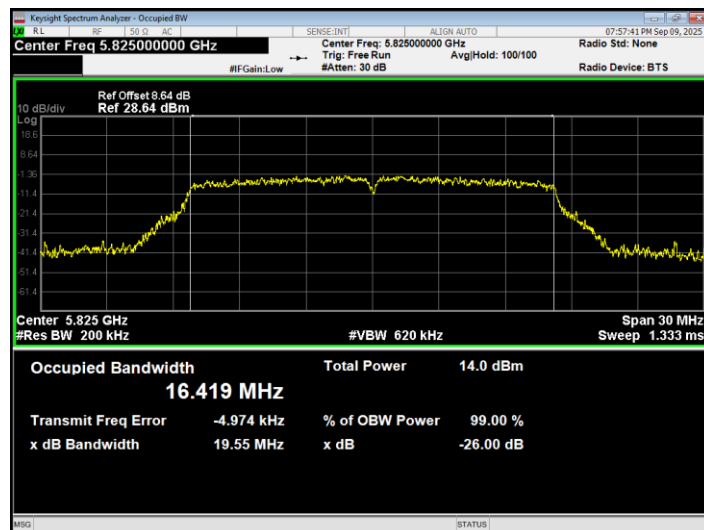
# OBW NVNT a 5745MHz Ant1



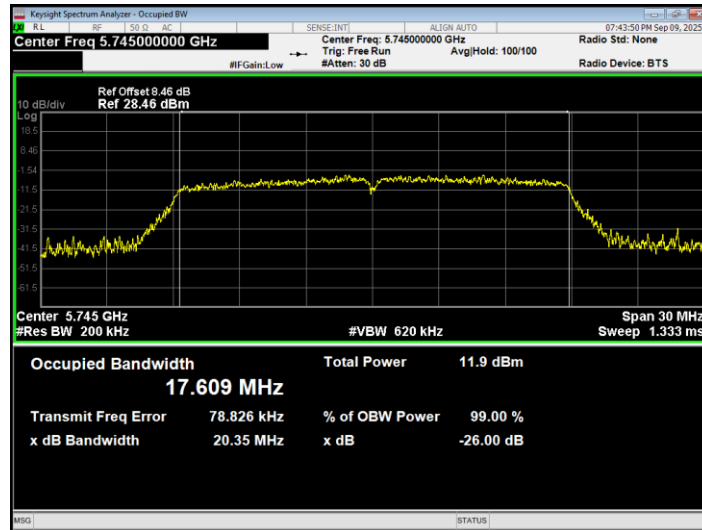
# OBW NVNT a 5785MHz Ant1



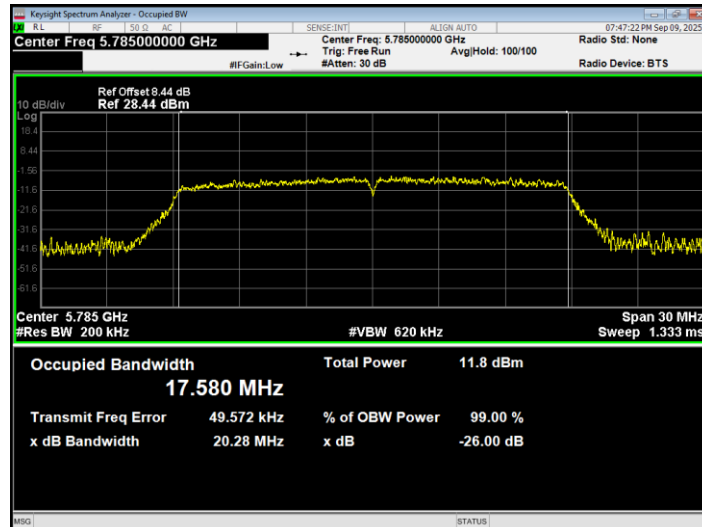
# OBW NVNT a 5825MHz Ant1



# OBW NVNT ac20 5745MHz Ant1



# OBW NVNT ac20 5785MHz Ant1



# OBW NVNT ac20 5825MHz Ant1

