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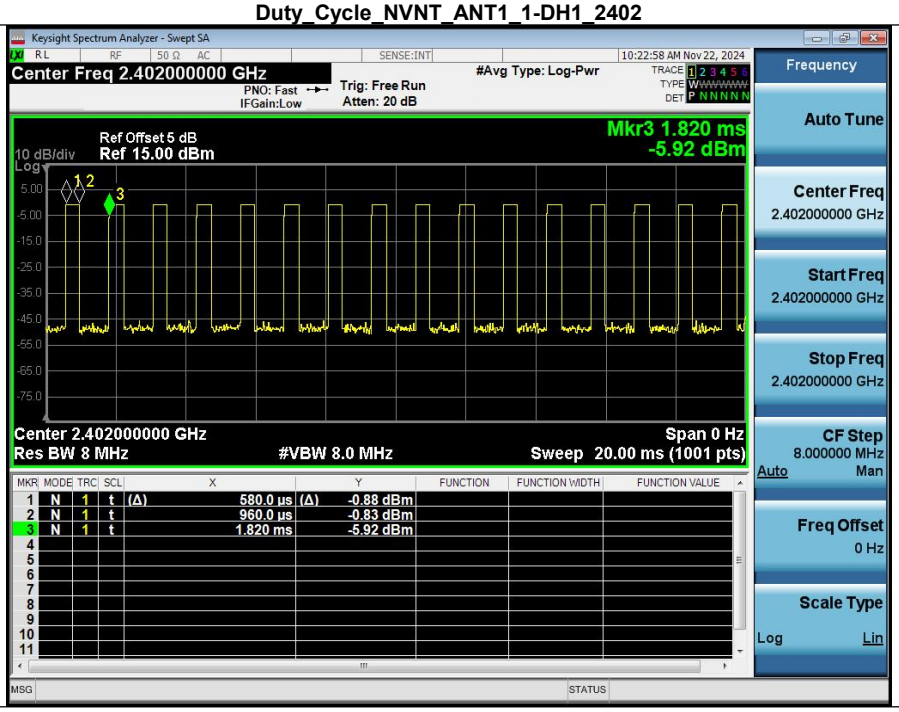
FCC ID EDR Test Data

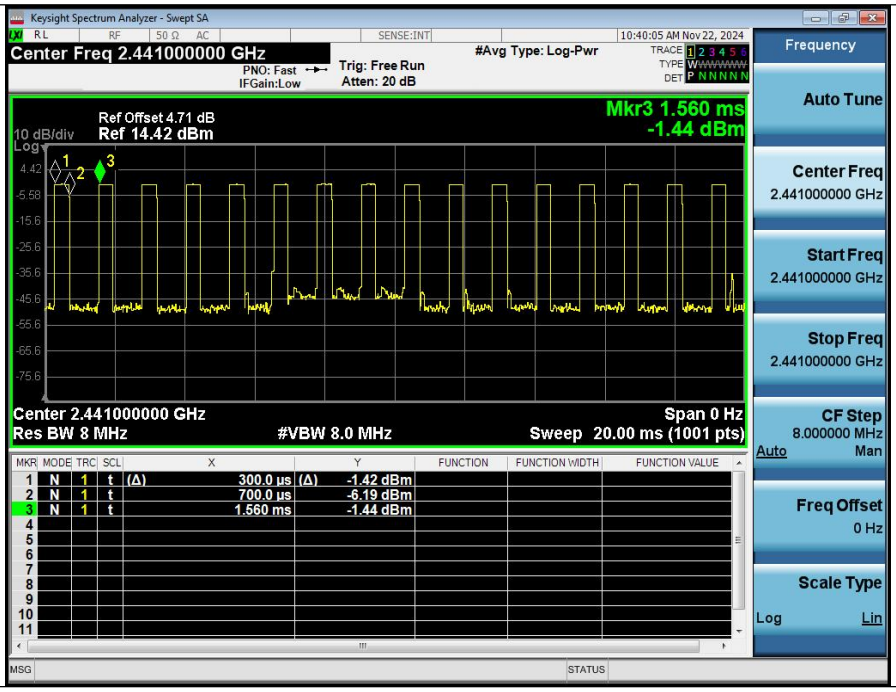
1. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.65	5.14
NVNT	ANT1	1-DH1	2441.00	31.75	4.98
NVNT	ANT1	1-DH1	2480.00	30.65	5.14
NVNT	ANT1	2-DH1	2402.00	30.65	5.14
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	32.26	4.91
NVNT	ANT1	3-DH1	2402.00	30.65	5.14
NVNT	ANT1	3-DH1	2441.00	30.65	5.14
NVNT	ANT1	3-DH1	2480.00	30.65	5.14

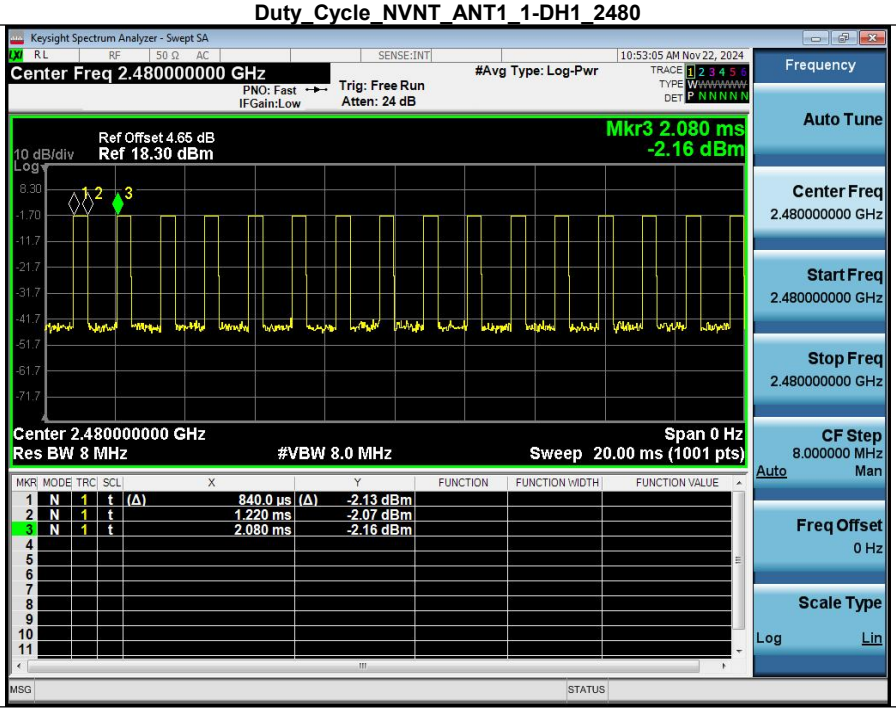
Duty_Cycle_NVNT_ANT1_1-DH1_2402



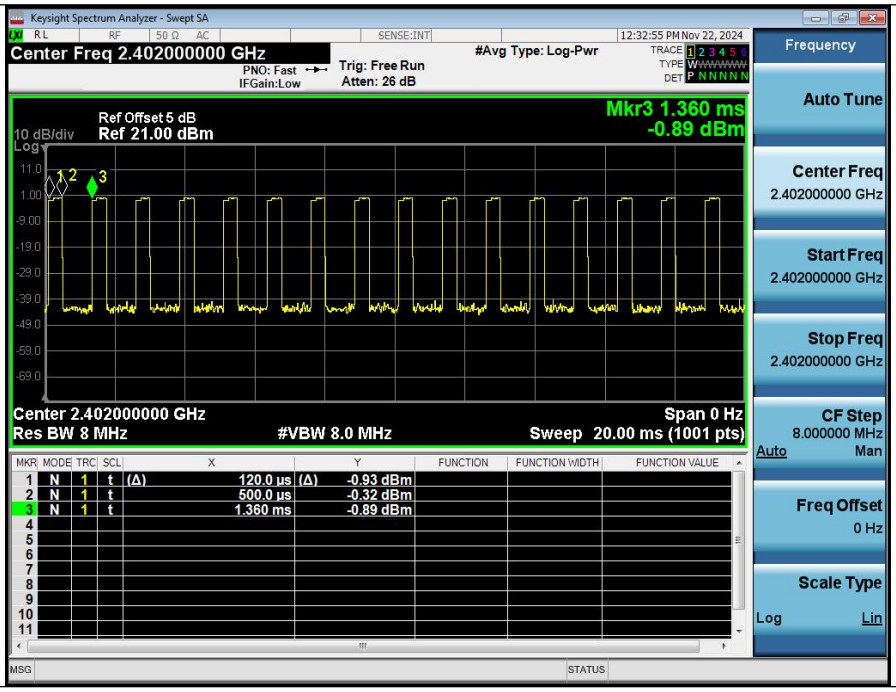
Duty_Cycle_NVNT_ANT1_1-DH1_2441



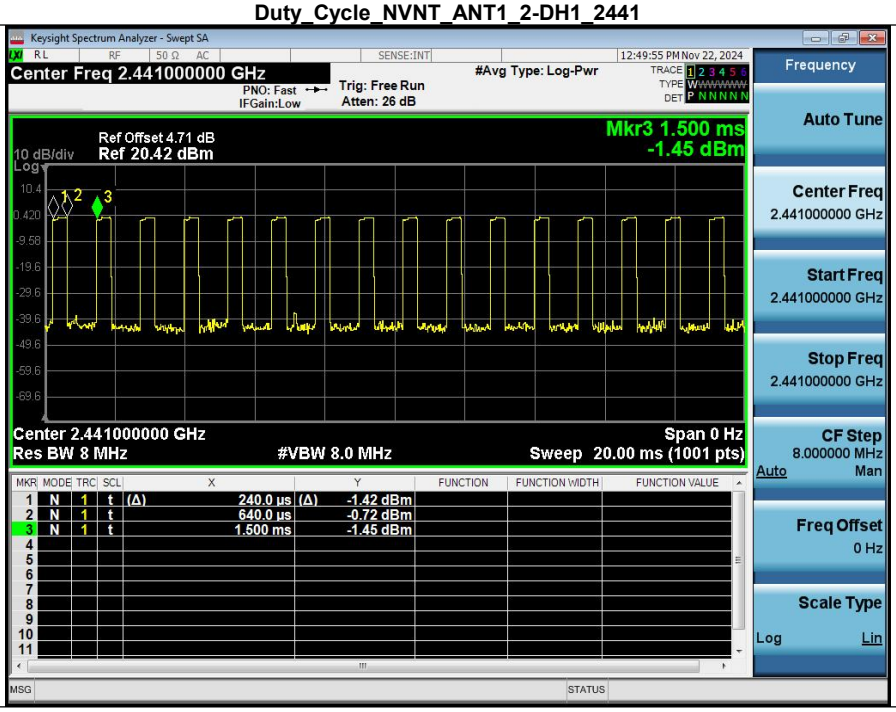
Duty_Cycle_NVNT_ANT1_1-DH1_2480



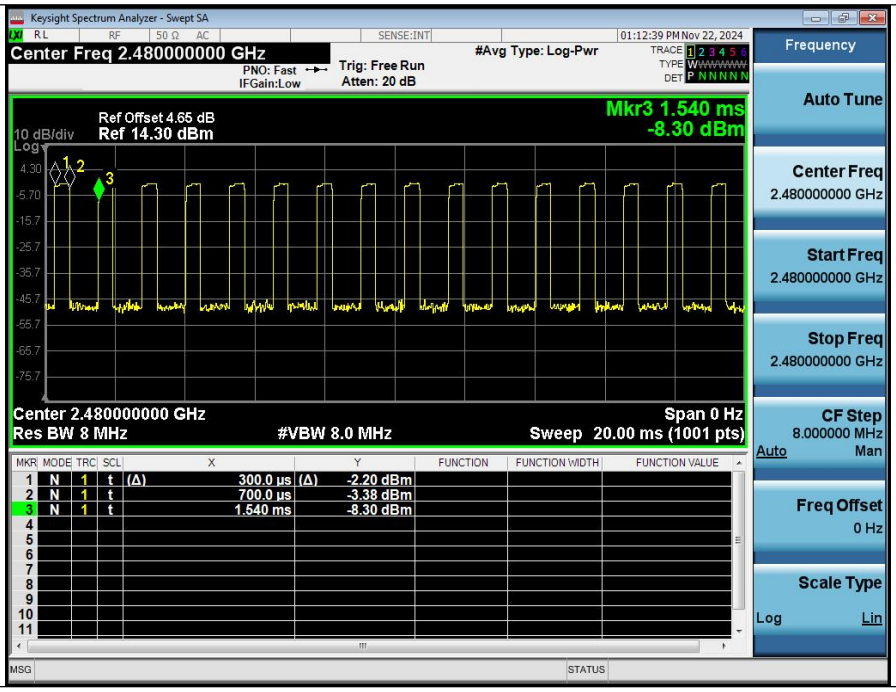
Duty_Cycle_NVNT_ANT1_2-DH1_2402



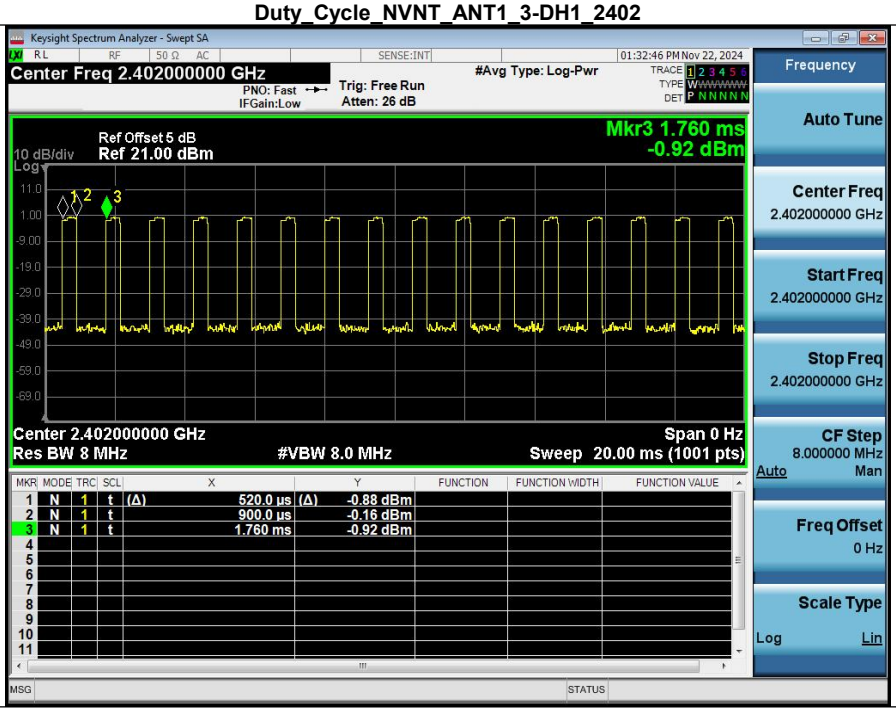
Duty_Cycle_NVNT_ANT1_2-DH1_2441



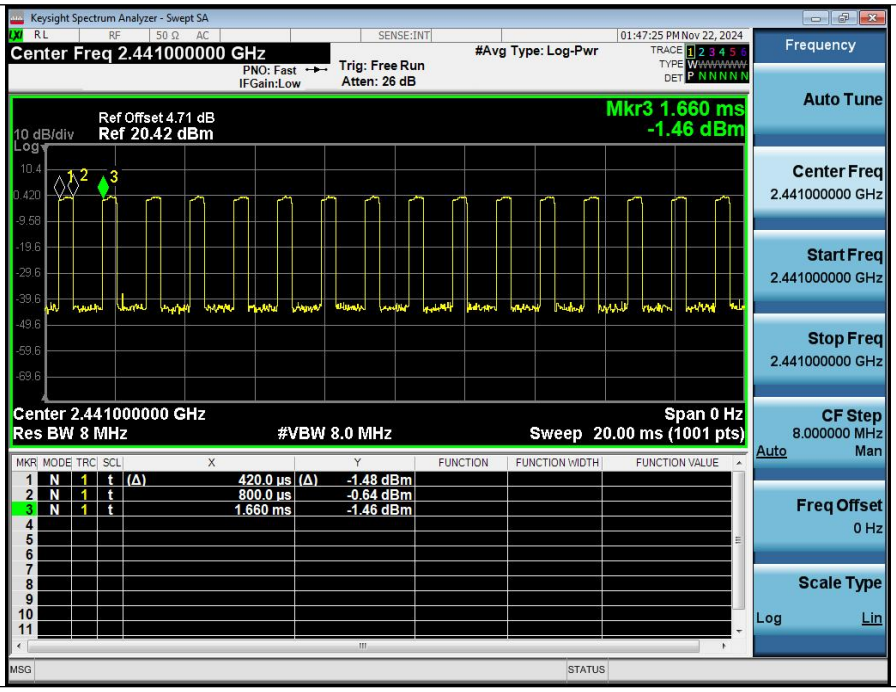
Duty_Cycle_NVNT_ANT1_2-DH1_2480



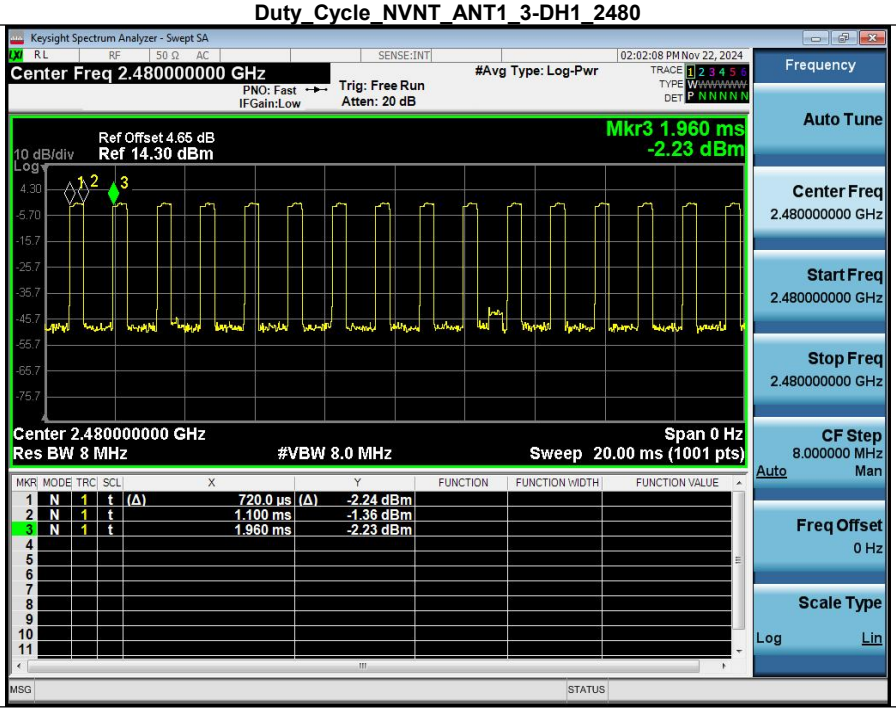
Duty_Cycle_NVNT_ANT1_3-DH1_2402



Duty_Cycle_NVNT_ANT1_3-DH1_2441



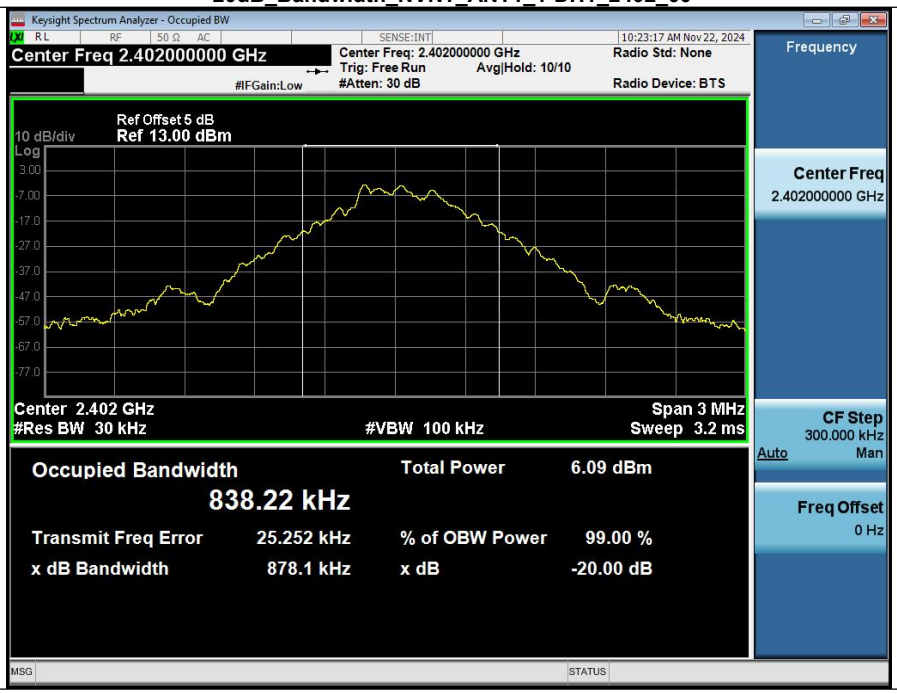
Duty_Cycle_NVNT_ANT1_3-DH1_2480



2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.878	No
NVNT	ANT1	1-DH1	2441.00	0.971	No
NVNT	ANT1	1-DH1	2480.00	0.925	No
NVNT	ANT1	2-DH1	2402.00	1.271	Yes
NVNT	ANT1	2-DH1	2441.00	1.274	Yes
NVNT	ANT1	2-DH1	2480.00	1.271	Yes
NVNT	ANT1	3-DH1	2402.00	1.225	Yes
NVNT	ANT1	3-DH1	2441.00	1.227	Yes
NVNT	ANT1	3-DH1	2480.00	1.253	Yes

-20dB_Bandwidth_NVNT_ANT1_1-DH1_2402_00

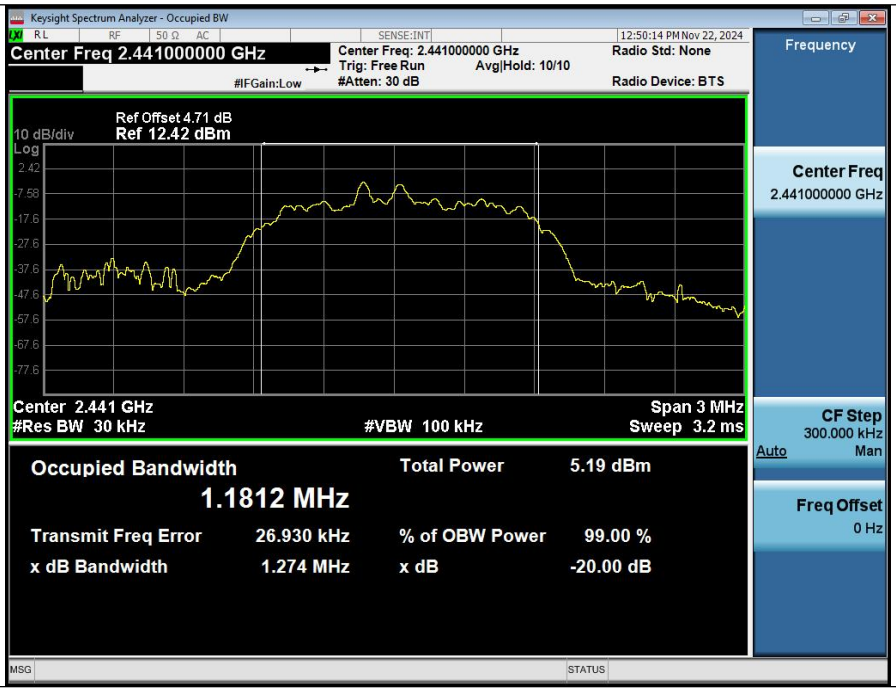


-20dB_Bandwidth_NVNT_ANT1_1-DH1_2441_00

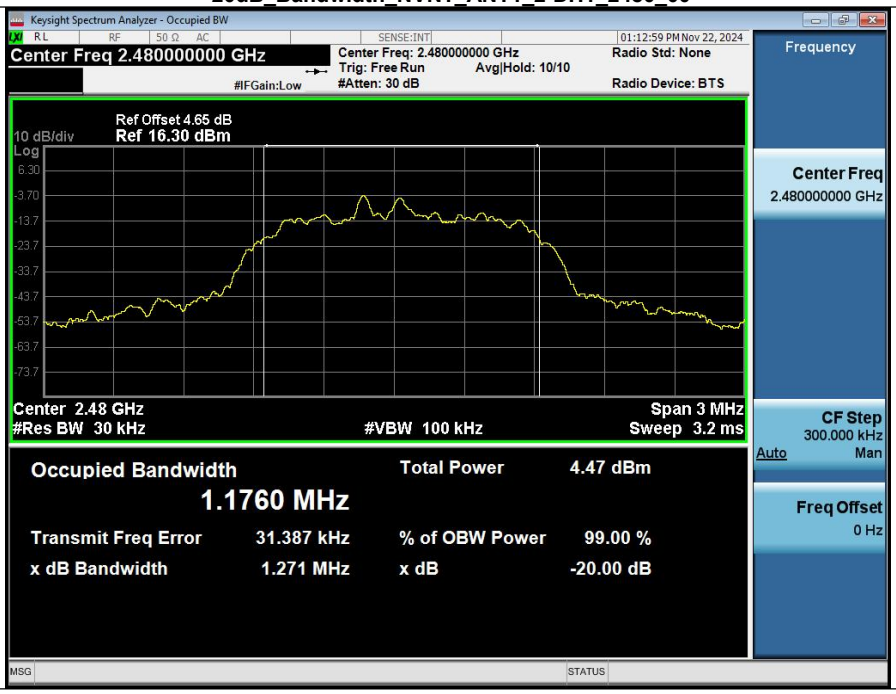
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00

-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00

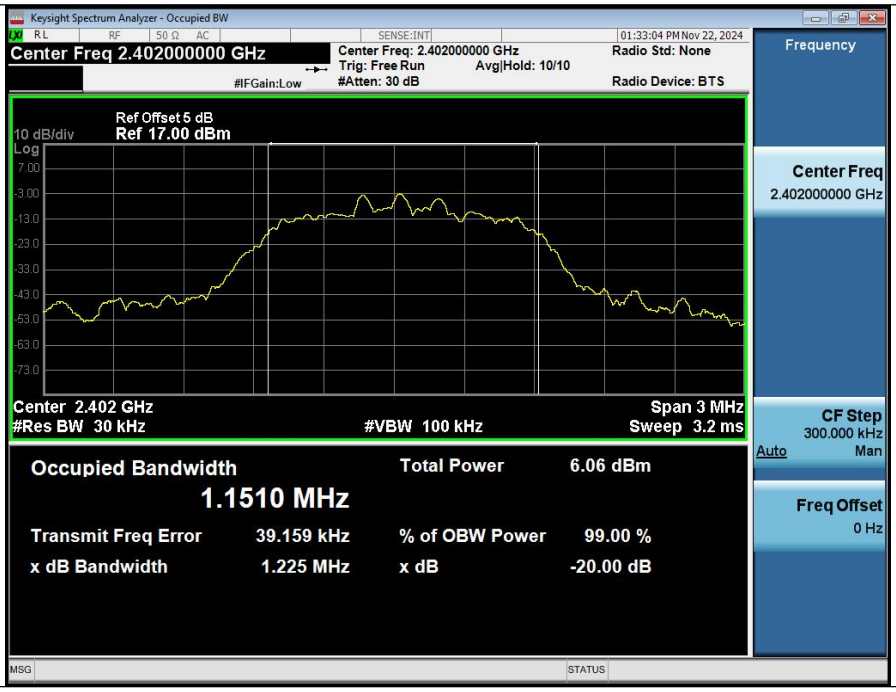
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00

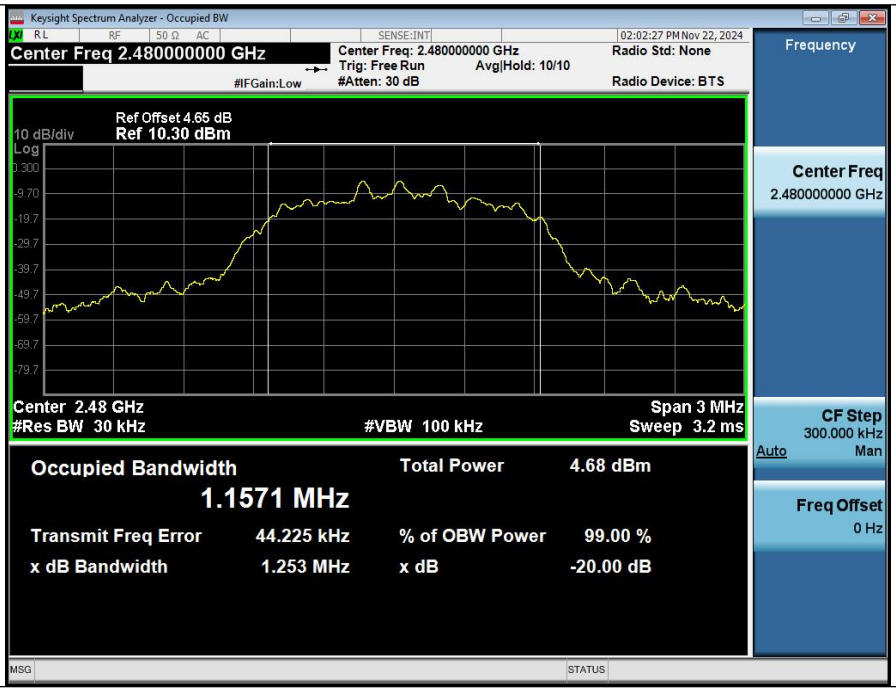


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

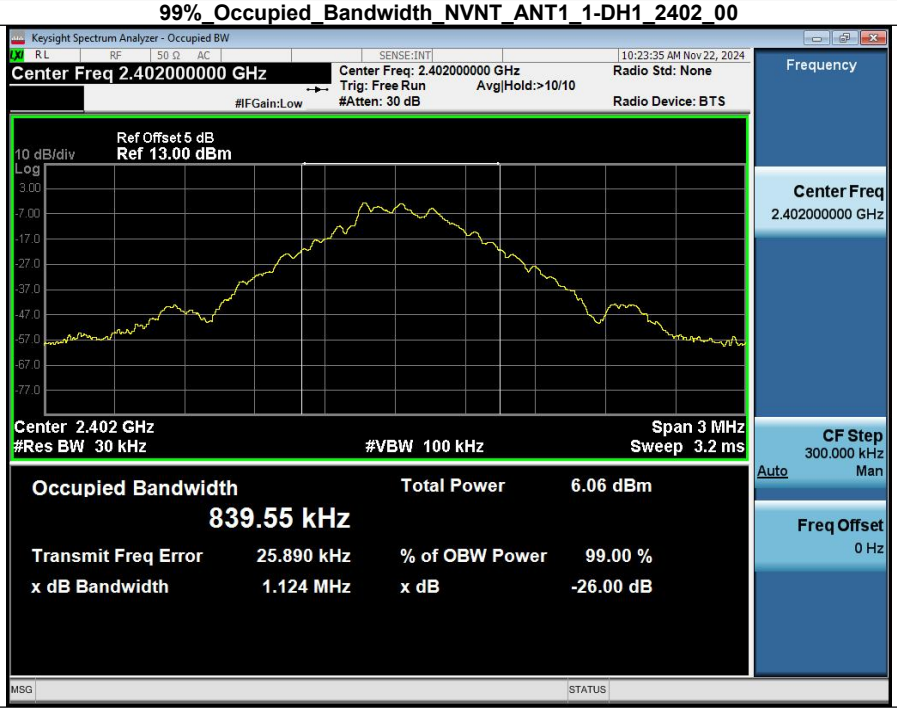
-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00


Keysight Spectrum Analyzer - Occupied BW
RL
RF
50 Ω AC
SENSE:INT
02:02:27 PM Nov 22, 2024
Center Freq 2.480000000 GHz
Center Freq: 2.480000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#IFGain:Low
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 4.65 dB
10 dB/div
Ref 10.30 dBm
Log
0.300
-9.70
-19.7
-29.7
-39.7
-49.7
-59.7
-69.7
-79.7
Center 2.48 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 3 MHz
Sweep 3.2 ms
Occupied Bandwidth
1.1571 MHz
Total Power
4.68 dBm
Transmit Freq Error
44.225 kHz
% of OBW Power
99.00 %
x dB Bandwidth
1.253 MHz
x dB
-20.00 dB
Center Freq
2.480000000 GHz
CF Step
300.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

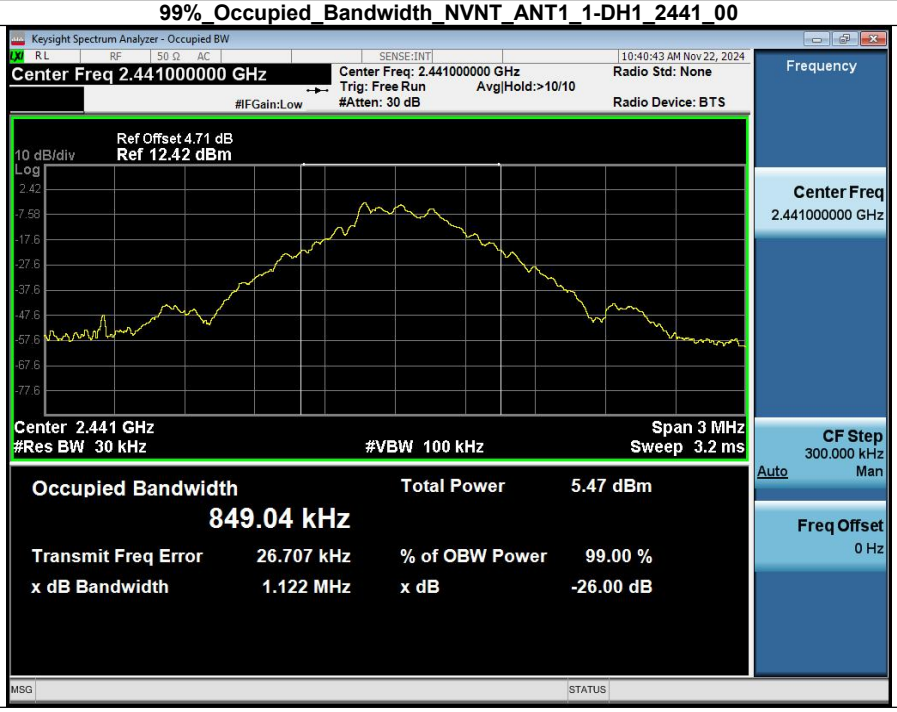
3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.840
NVNT	ANT1	1-DH1	2441.00	0.849
NVNT	ANT1	1-DH1	2480.00	0.852
NVNT	ANT1	2-DH1	2402.00	1.173
NVNT	ANT1	2-DH1	2441.00	1.175
NVNT	ANT1	2-DH1	2480.00	1.176
NVNT	ANT1	3-DH1	2402.00	1.150
NVNT	ANT1	3-DH1	2441.00	1.156
NVNT	ANT1	3-DH1	2480.00	1.157

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2402_00

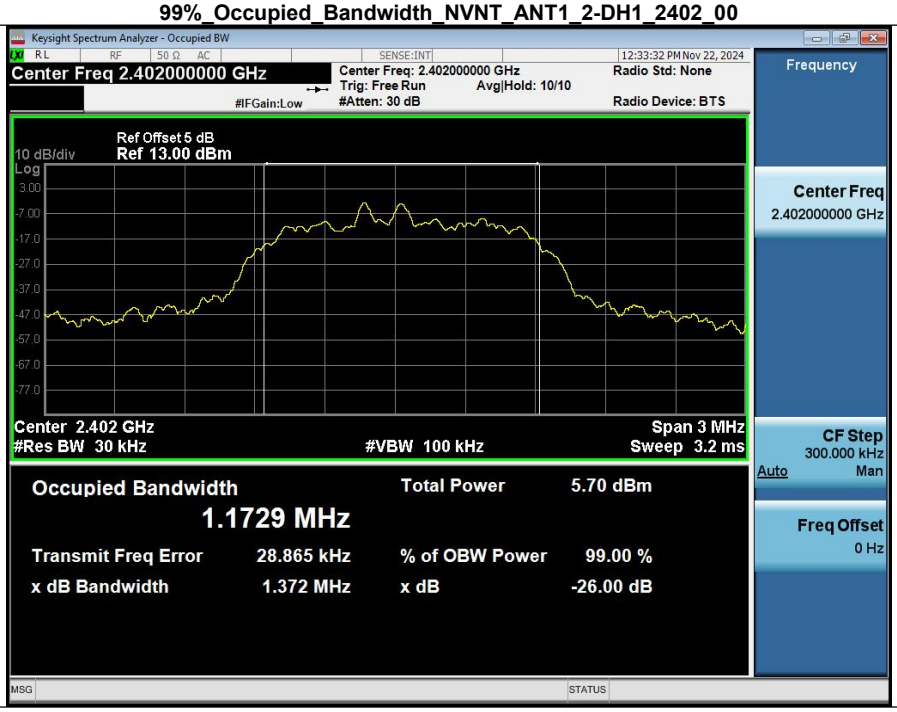


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2441_00

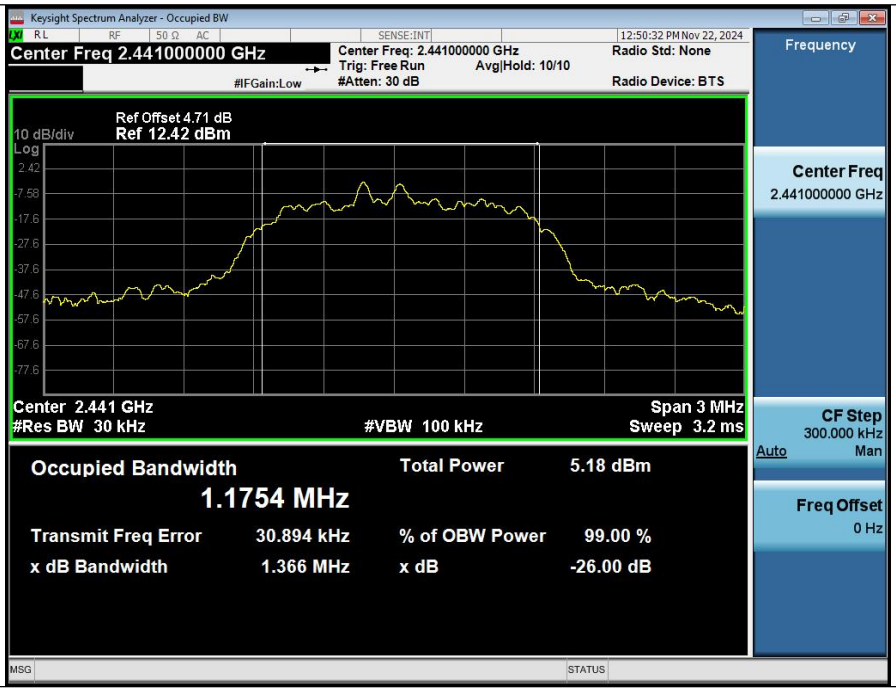


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2480_00

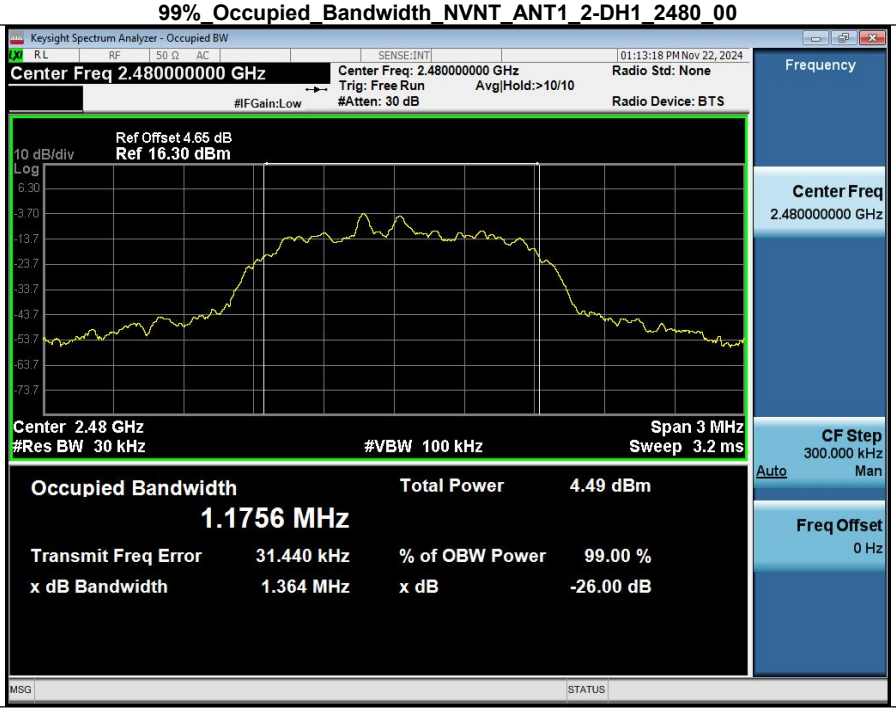
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH1_2402_00



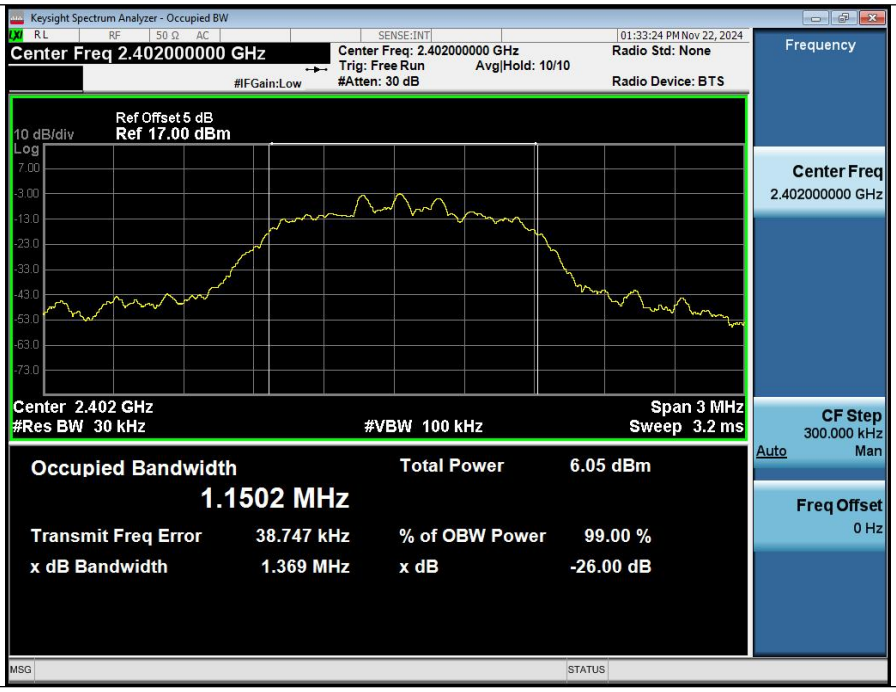
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH1_2441_00



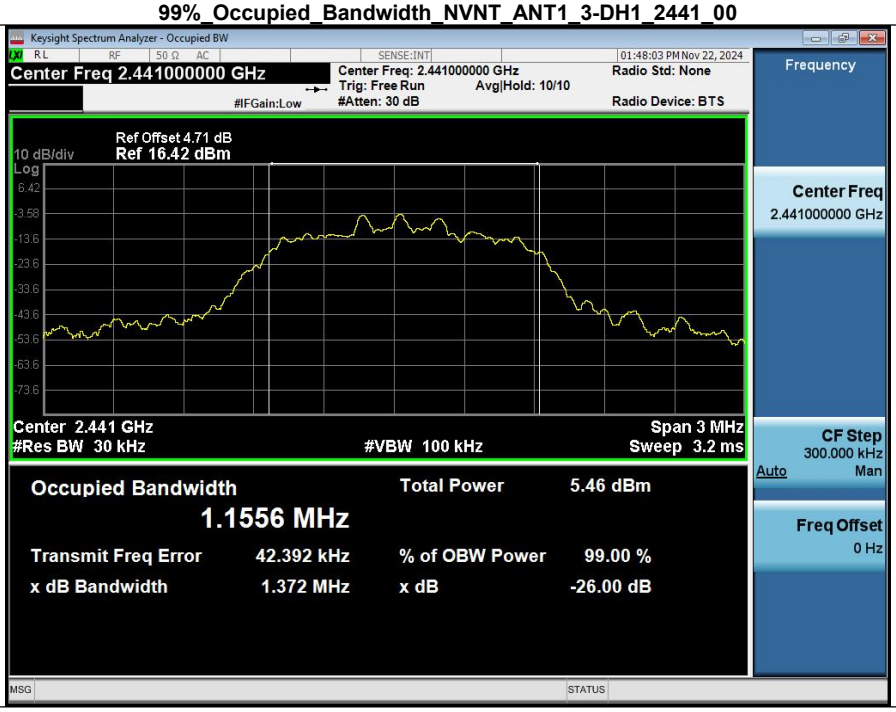
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH1_2480_00



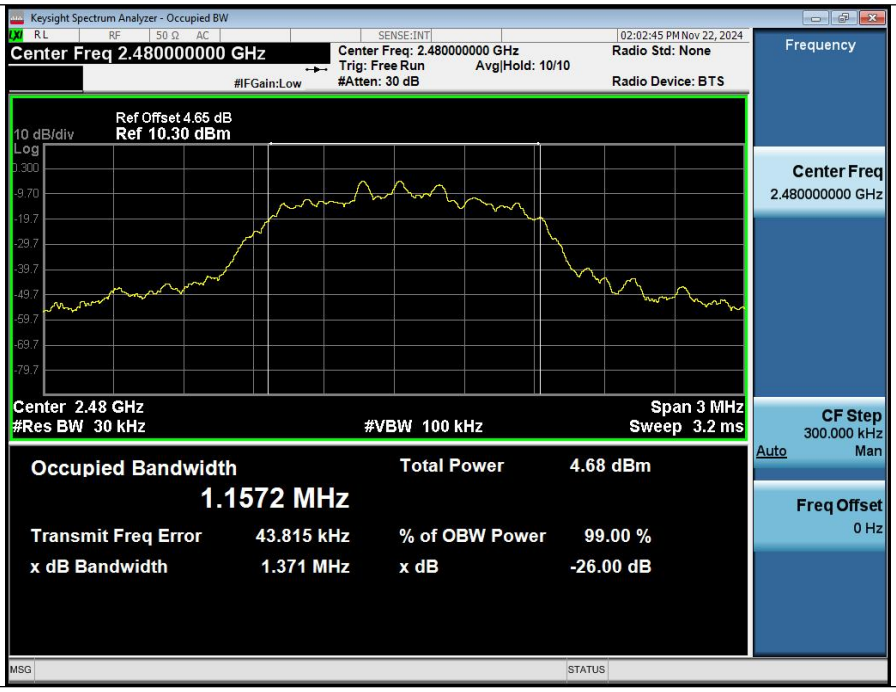
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH1_2402_00



99%_Occupied_Bandwidth_NVNT_ANT1_3-DH1_2441_00



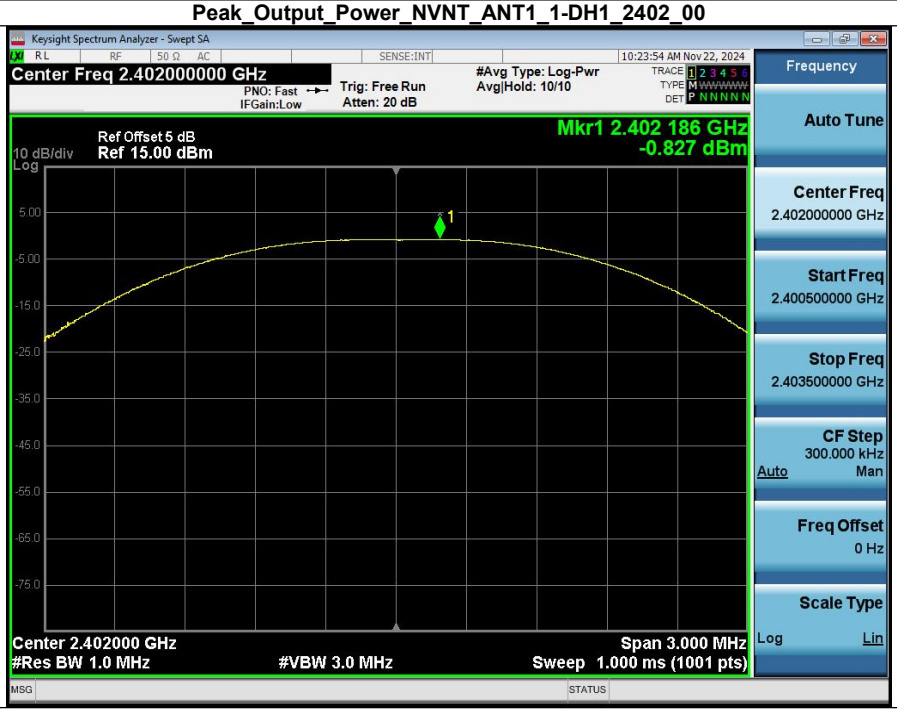
99%_Occupied_Bandwidth_NVNT_ANT1_3-DH1_2480_00


Keysight Spectrum Analyzer - Occupied BW
RL
RF
50 Ω AC
SENSE:INT
02:02:45 PM Nov 22, 2024
Center Freq 2.480000000 GHz
Center Freq: 2.480000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#IFGain:Low
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Ref Offset 4.65 dB
10 dB/div
Ref 10.30 dBm
Log
0.300
-9.70
-19.7
-29.7
-39.7
-49.7
-59.7
-69.7
-79.7
Center 2.48 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 3 MHz
Sweep 3.2 ms
Occupied Bandwidth
1.1572 MHz
Total Power
4.68 dBm
Transmit Freq Error
43.815 kHz
% of OBW Power
99.00 %
x dB Bandwidth
1.371 MHz
x dB
-26.00 dB
MSG
STATUS
Frequency
Center Freq
2.480000000 GHz
CF Step
300.000 kHz
Auto
Man
Freq Offset
0 Hz

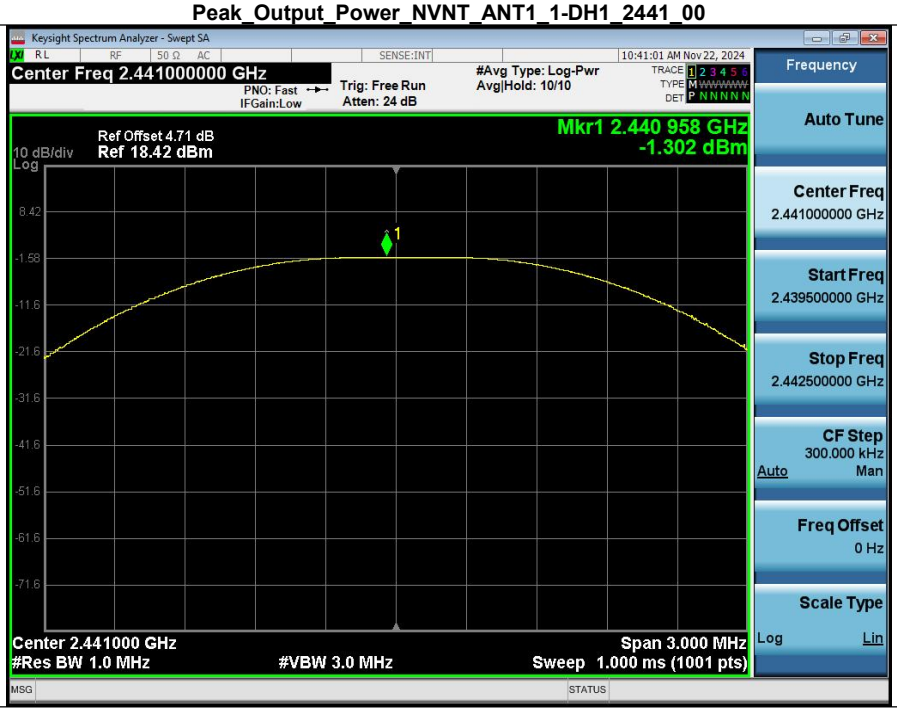
4. Peak Output Power

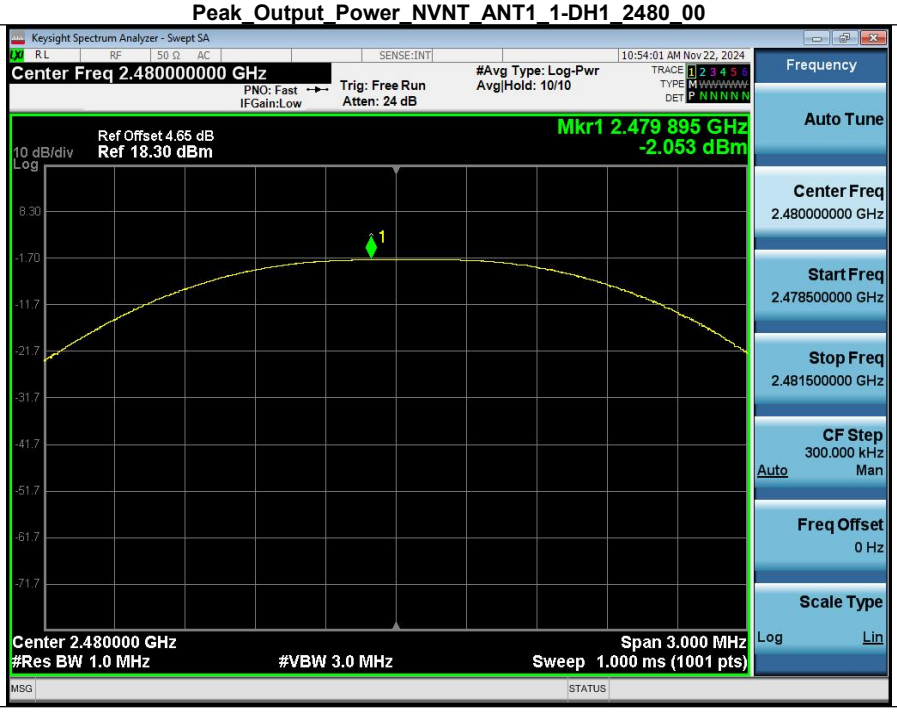
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-0.83	0.83	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-1.30	0.74	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-2.05	0.62	1000	Pass
NVNT	ANT1	2-DH1	2402.00	-0.16	0.96	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.62	0.87	125	Pass
NVNT	ANT1	2-DH1	2480.00	-1.27	0.75	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.41	1.10	125	Pass
NVNT	ANT1	3-DH1	2441.00	-0.09	0.98	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.77	0.84	125	Pass

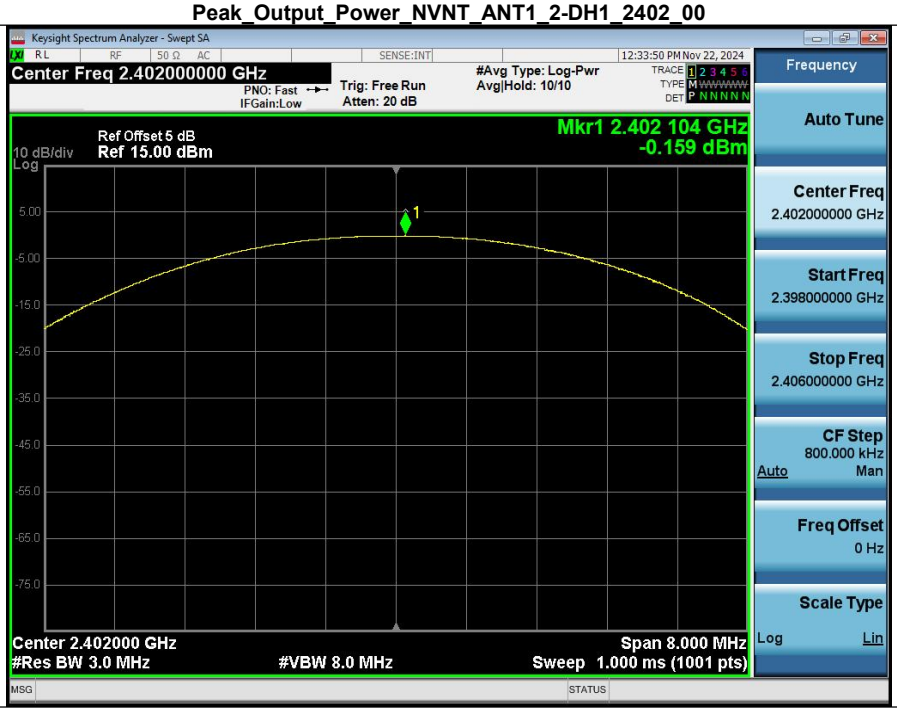
Peak_Output_Power_NVNT_ANT1_1-DH1_2402_00



Peak_Output_Power_NVNT_ANT1_1-DH1_2441_00

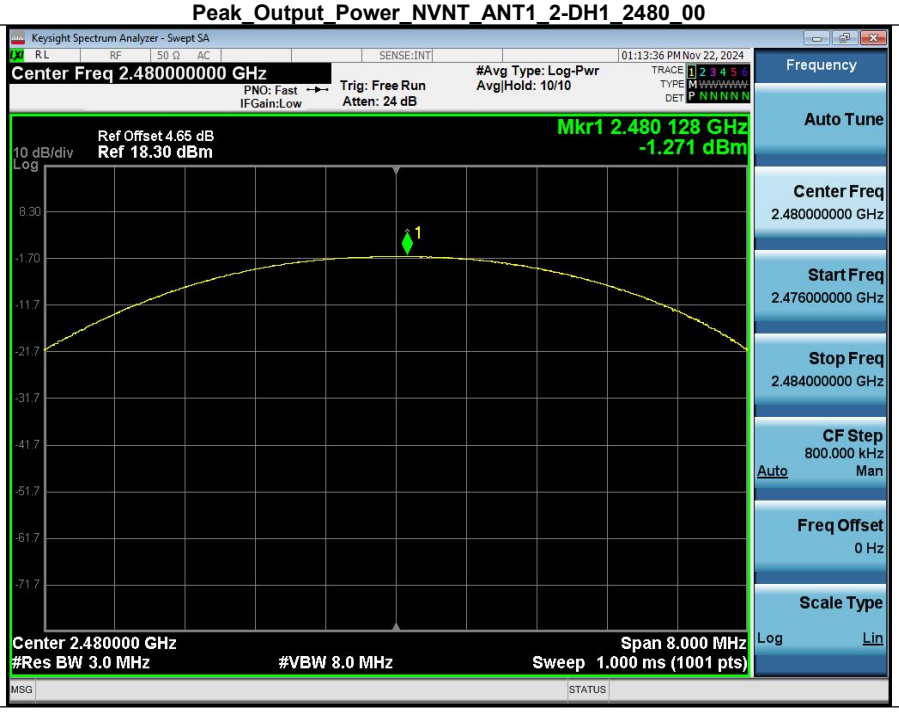


Peak_Output_Power_NVNT_ANT1_1-DH1_2480_00


Peak_Output_Power_NVNT_ANT1_2-DH1_2402_00


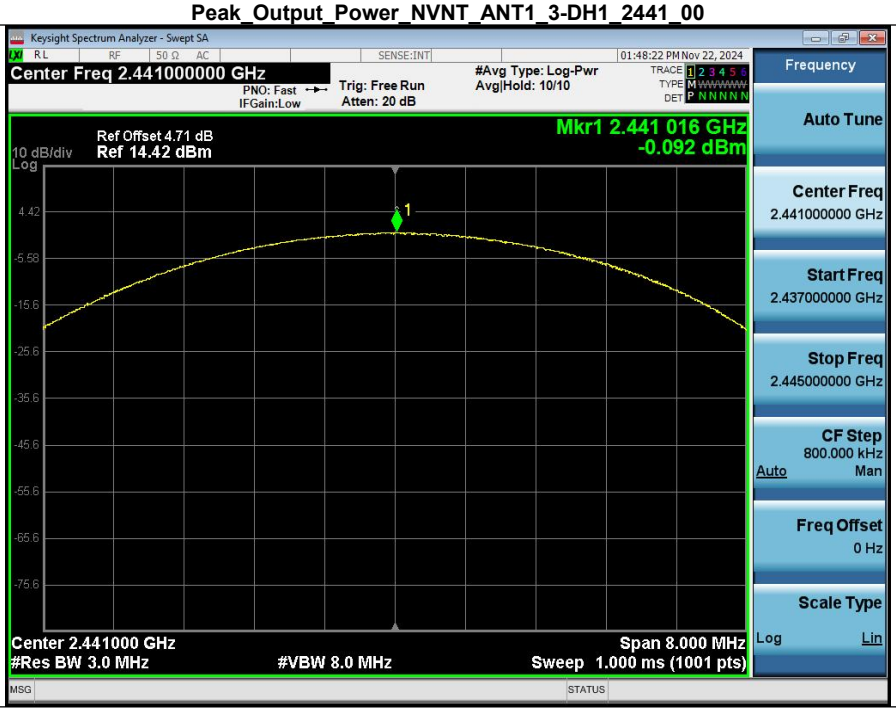
Peak_Output_Power_NVNT_ANT1_2-DH1_2441_00

Peak_Output_Power_NVNT_ANT1_2-DH1_2480_00



Peak_Output_Power_NVNT_ANT1_3-DH1_2402_00

Peak_Output_Power_NVNT_ANT1_3-DH1_2441_00



Peak_Output_Power_NVNT_ANT1_3-DH1_2480_00


Keysight Spectrum Analyzer - Swept SA
Center Freq 2.480000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 24 dB
#Avg Type: Log-Pwr
Avg|Hold:>10/10
02:03:04 PM Nov 22, 2024
Ref Offset 4.65 dB
10 dB/div
Log
Ref 18.30 dBm
Mkr1 2.480 096 GHz
-0.766 dBm
8.30
-1.70
-11.7
-21.7
-31.7
-41.7
-51.7
-61.7
-71.7
Center 2.480000 GHz
#Res BW 3.0 MHz
#VBW 8.0 MHz
Span 8.000 MHz
Sweep 1.000 ms (1001 pts)
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.484000000 GHz
CF Step
800.000 kHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
MSG
STATUS