FCC ID:2BKZ2-Q17

FCC_BT (Part15.247) Test Data

Product	:	**Bluetooth headset**
Model Name	:	**Q17**
Brand	:	**N/A**
Report No.	:	**NCT26032055E1-1**

Prepared for

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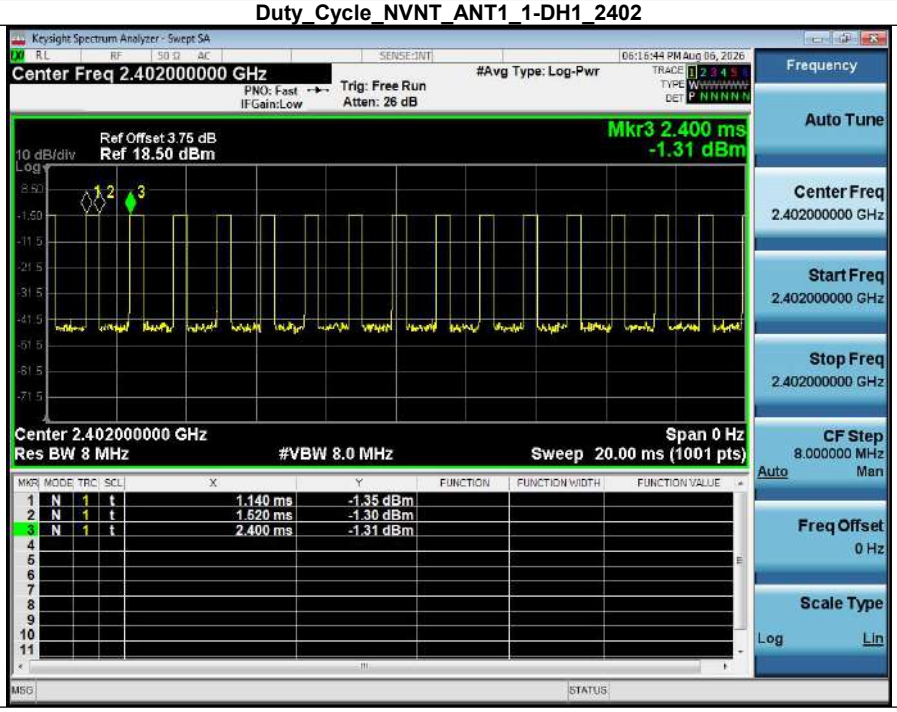
TEL: 400-8868-419

Table of Contents

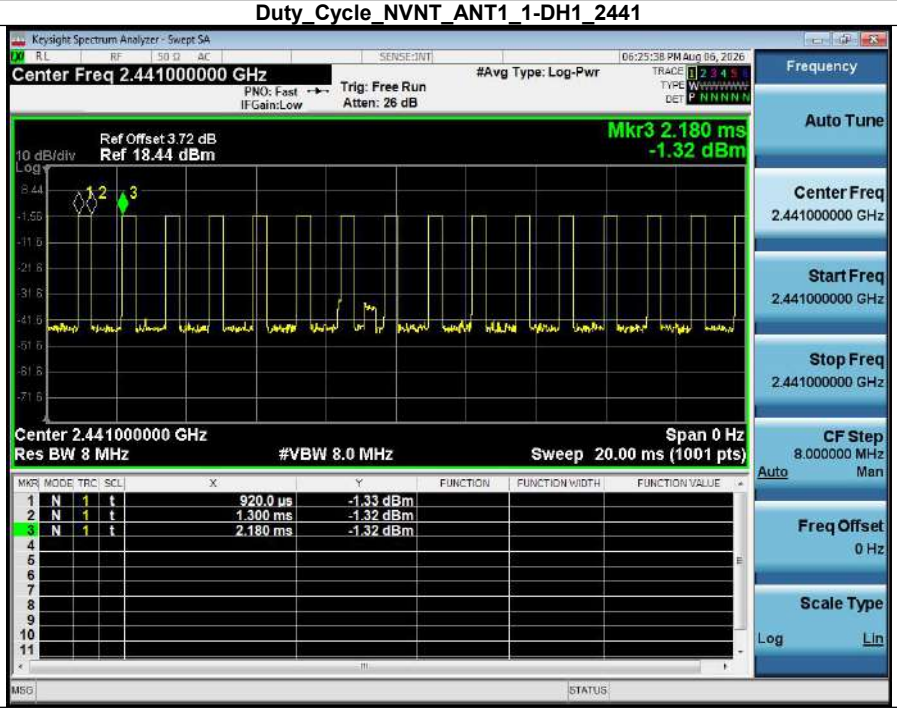
1. Duty Cycle

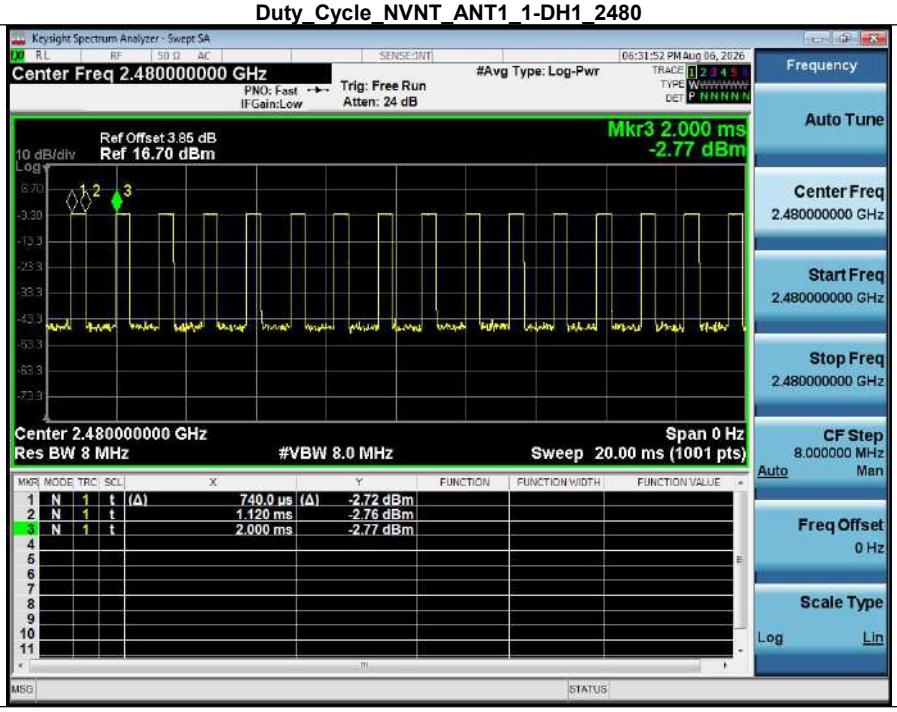
	Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
Left ear	NVNT	ANT1	1-DH1	2402.00	31.75	4.98
	NVNT	ANT1	1-DH1	2441.00	31.75	4.98
	NVNT	ANT1	1-DH1	2480.00	30.16	5.21
	NVNT	ANT1	2-DH1	2402.00	31.75	4.98
	NVNT	ANT1	2-DH1	2441.00	31.75	4.98
	NVNT	ANT1	2-DH1	2480.00	32.26	4.91
	NVNT	ANT1	3-DH1	2402.00	31.75	4.98
	NVNT	ANT1	3-DH1	2441.00	31.75	4.98
	NVNT	ANT1	3-DH1	2480.00	32.26	4.91

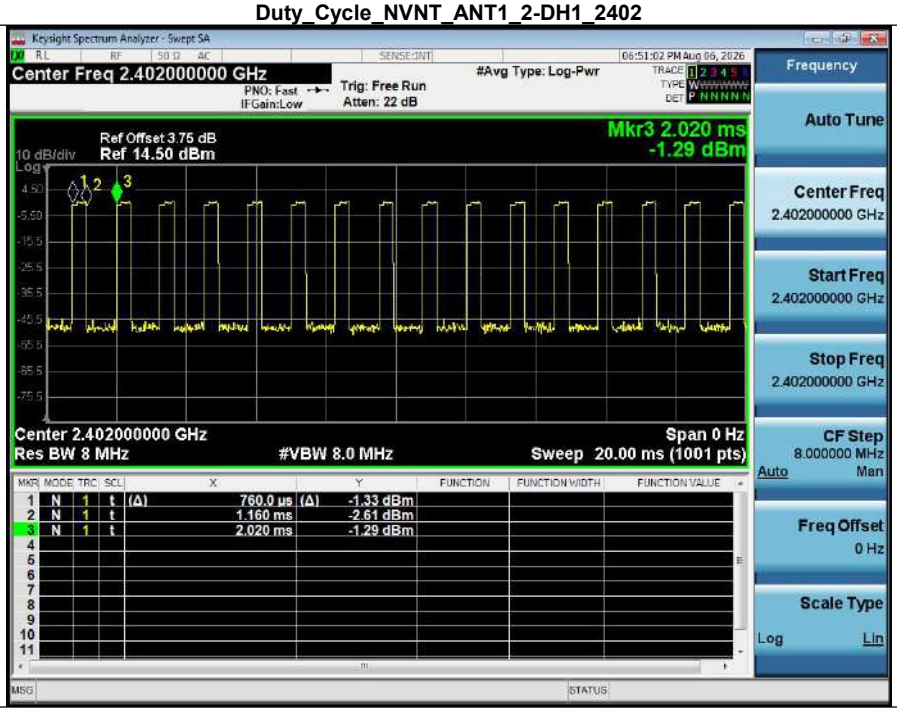
Duty_Cycle_NVNT_ANT1_1-DH1_2402



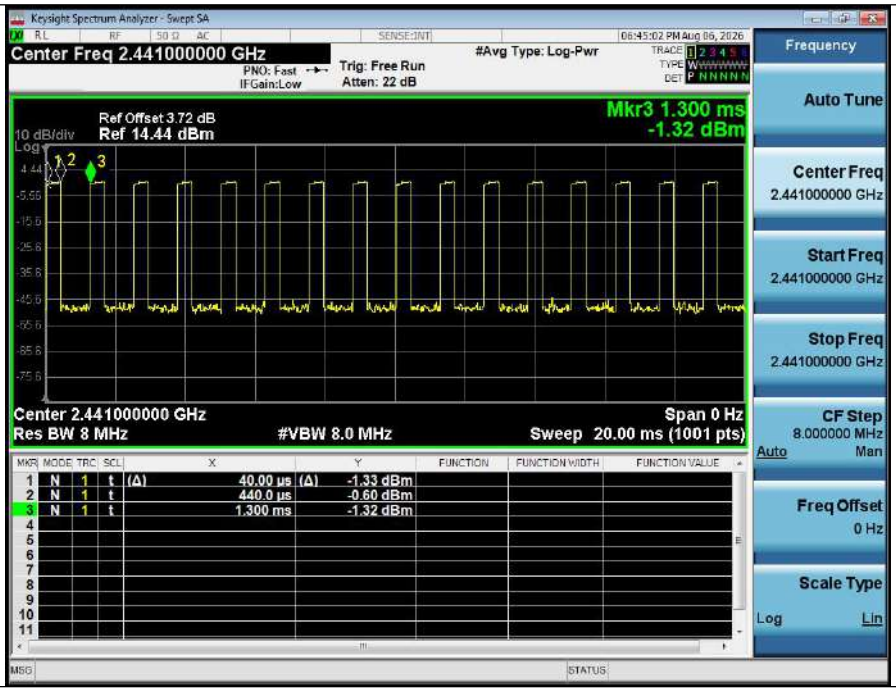
Duty_Cycle_NVNT_ANT1_1-DH1_2441



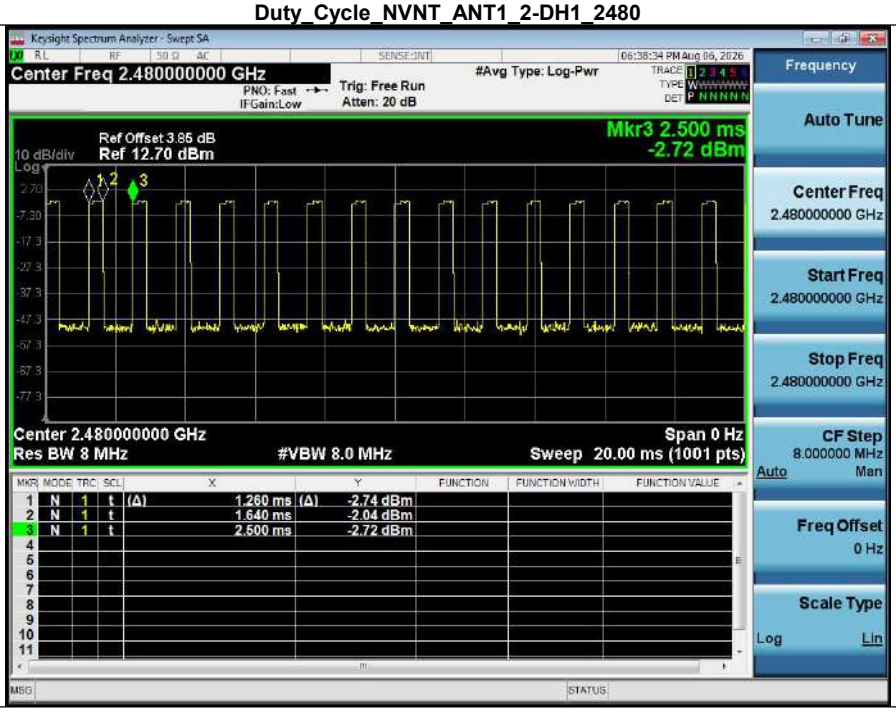
Duty_Cycle_NVNT_ANT1_1-DH1_2480


Duty_Cycle_NVNT_ANT1_2-DH1_2402


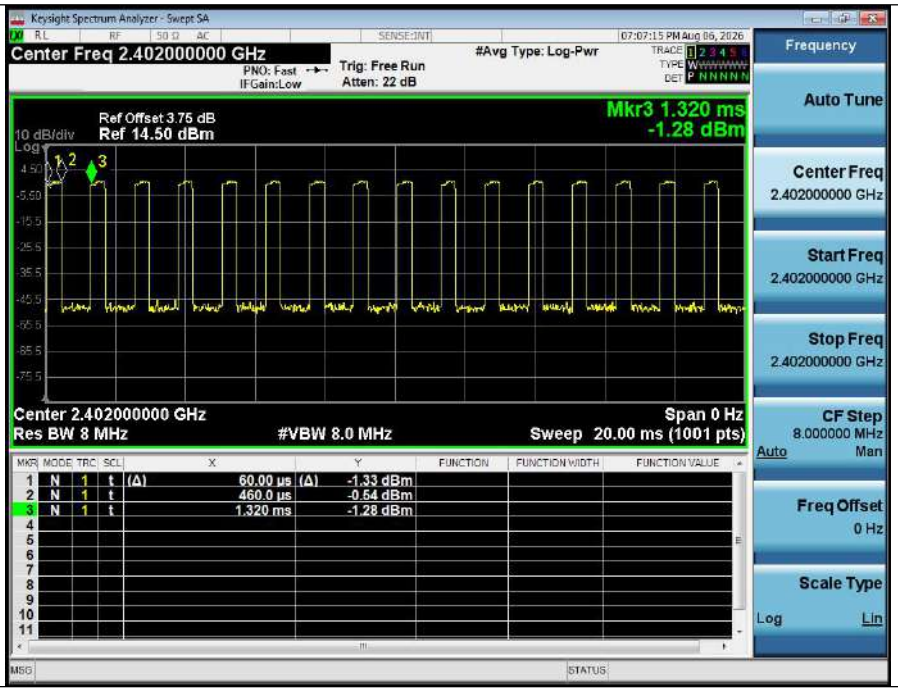
Duty_Cycle_NVNT_ANT1_2-DH1_2441



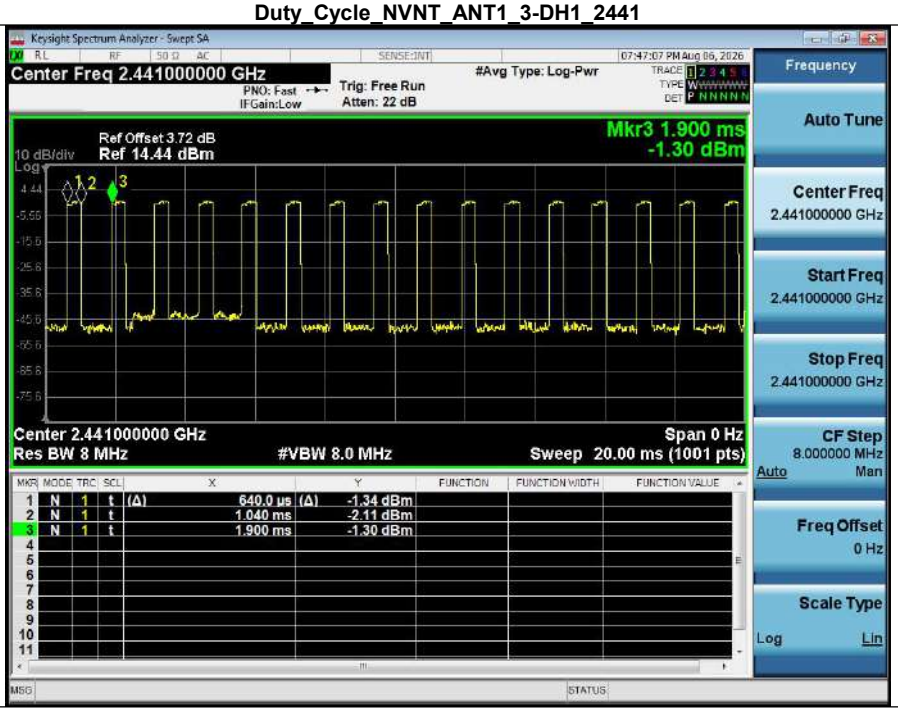
Duty_Cycle_NVNT_ANT1_2-DH1_2480



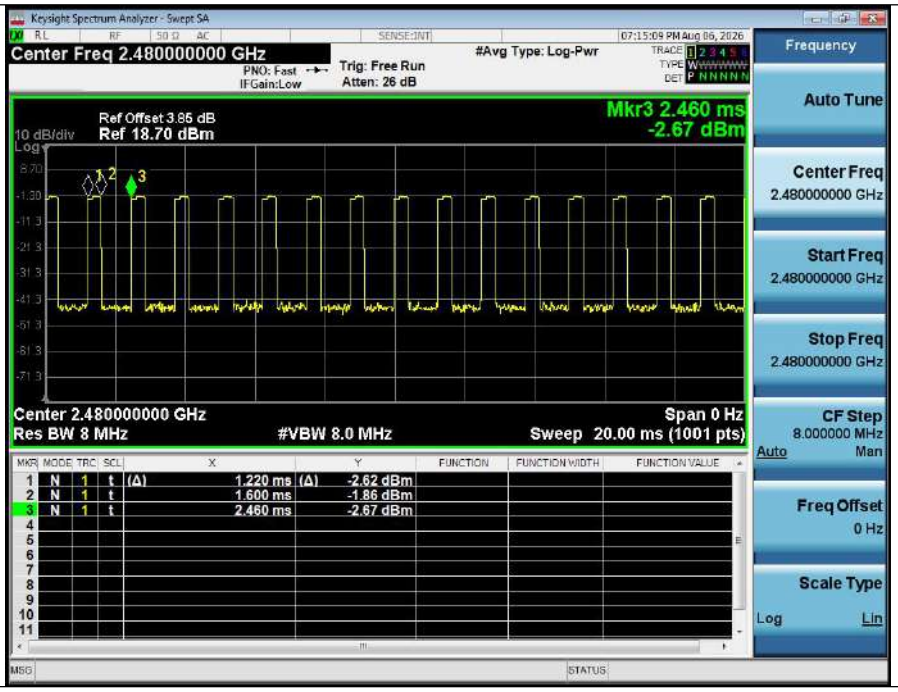
Duty_Cycle_NVNT_ANT1_3-DH1_2402



Duty_Cycle_NVNT_ANT1_3-DH1_2441

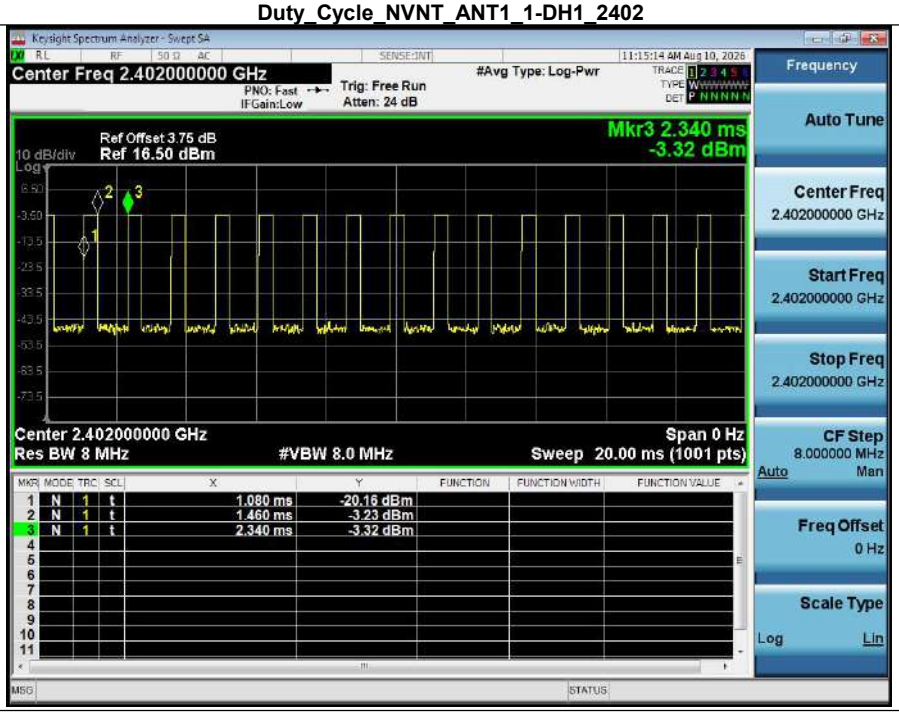


Duty_Cycle_NVNT_ANT1_3-DH1_2480

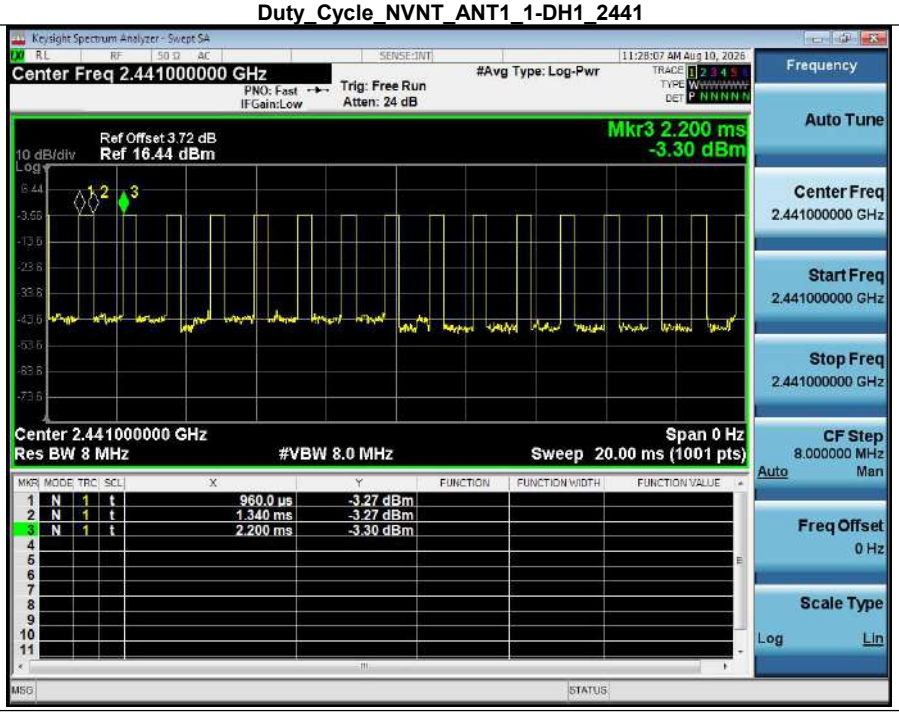

Keysight Spectrum Analyzer - Swept SA
Center Freq 2.480000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 26 dB
#Avg Type: Log-Pwr
07:15:09 PM Aug 06, 2026
Ref Offset 3.85 dB
10 dB/div
Ref 18.70 dBm
Mkr3 2.460 ms
-2.67 dBm
Center 2.480000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Span 0 Hz
Sweep 20.00 ms (1001 pts)
1 N 1 t (Δ) 1.220 ms (Δ) -2.62 dBm
2 N 1 t 1.600 ms -1.86 dBm
3 N 1 t 2.460 ms -2.67 dBm
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.480000000 GHz
Stop Freq
2.480000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
MSG
STATUS

	Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
Right ear	NVNT	ANT1	1-DH1	2402.00	31.75	4.98
	NVNT	ANT1	1-DH1	2441.00	32.26	4.91
	NVNT	ANT1	1-DH1	2480.00	32.26	4.91
	NVNT	ANT1	2-DH1	2402.00	30.65	5.14
	NVNT	ANT1	2-DH1	2441.00	30.65	5.14
	NVNT	ANT1	2-DH1	2480.00	30.16	5.21
	NVNT	ANT1	3-DH1	2402.00	30.16	5.21
	NVNT	ANT1	3-DH1	2441.00	31.75	4.98
	NVNT	ANT1	3-DH1	2480.00	31.75	4.98

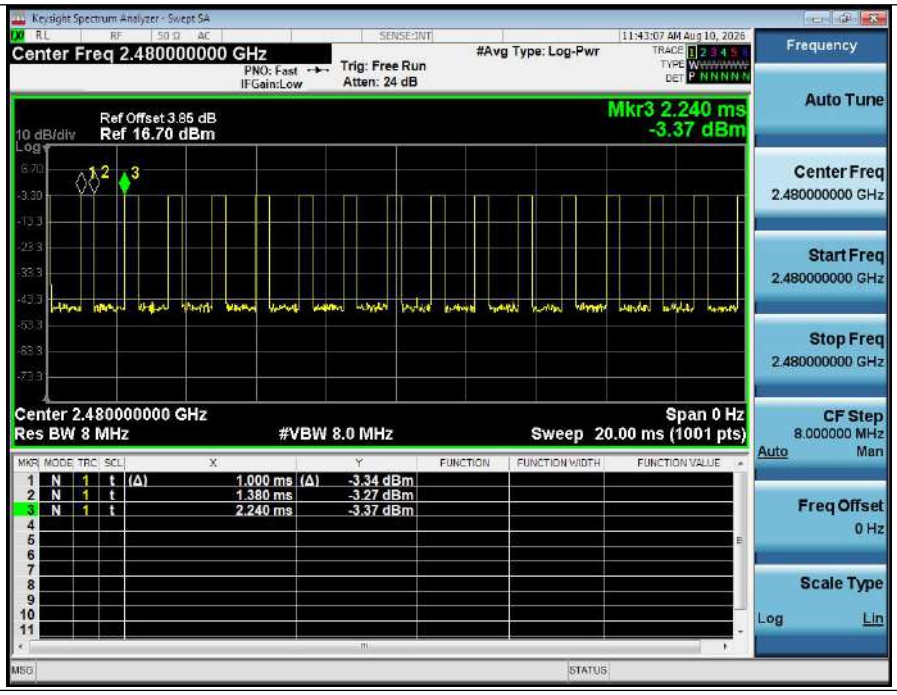
Duty_Cycle_NVNT_ANT1_1-DH1_2402



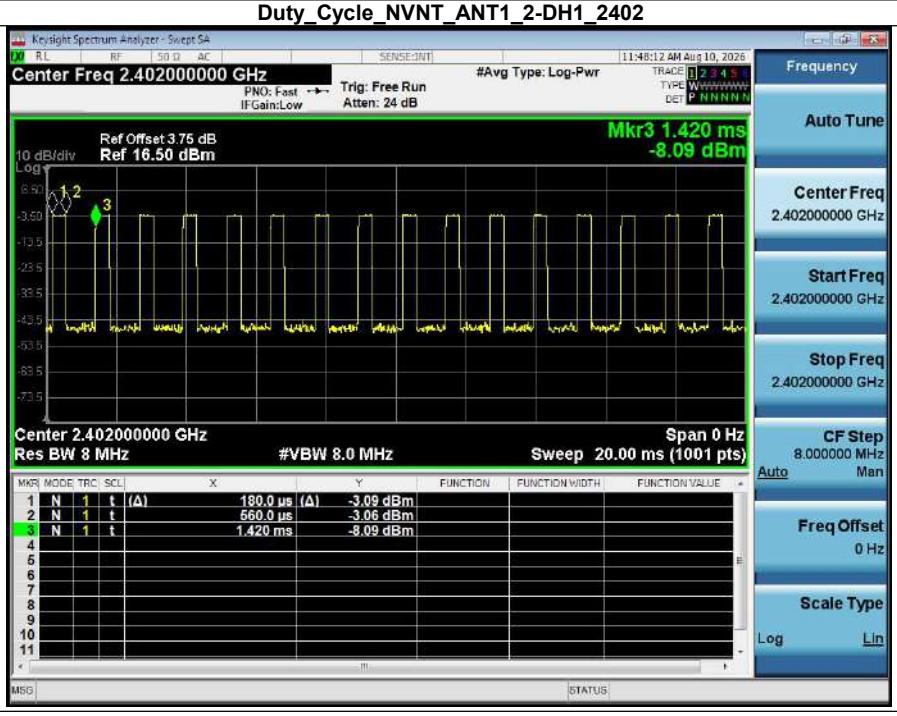
Duty_Cycle_NVNT_ANT1_1-DH1_2441



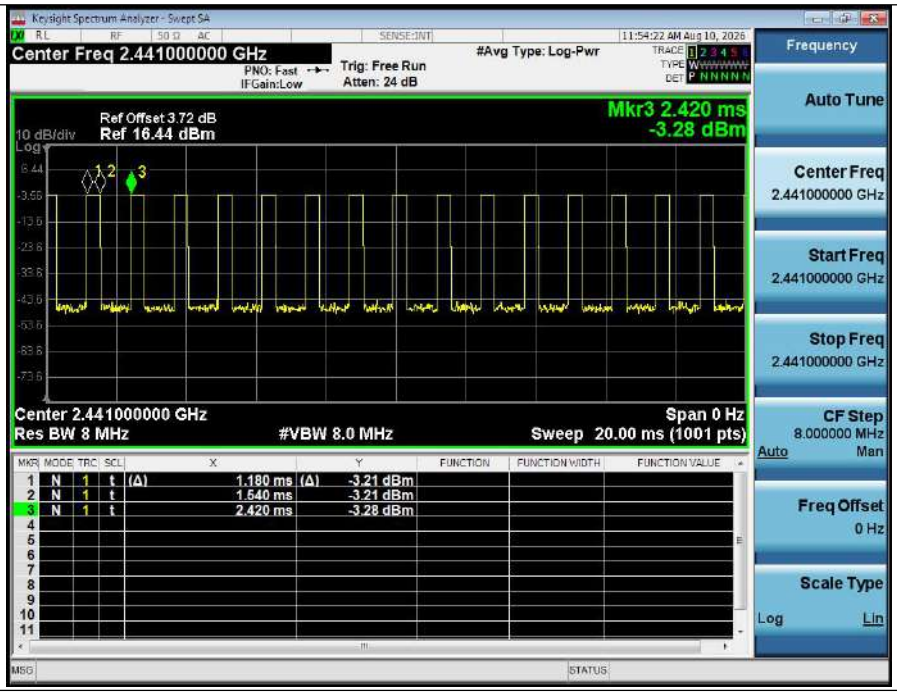
Duty_Cycle_NVNT_ANT1_1-DH1_2480



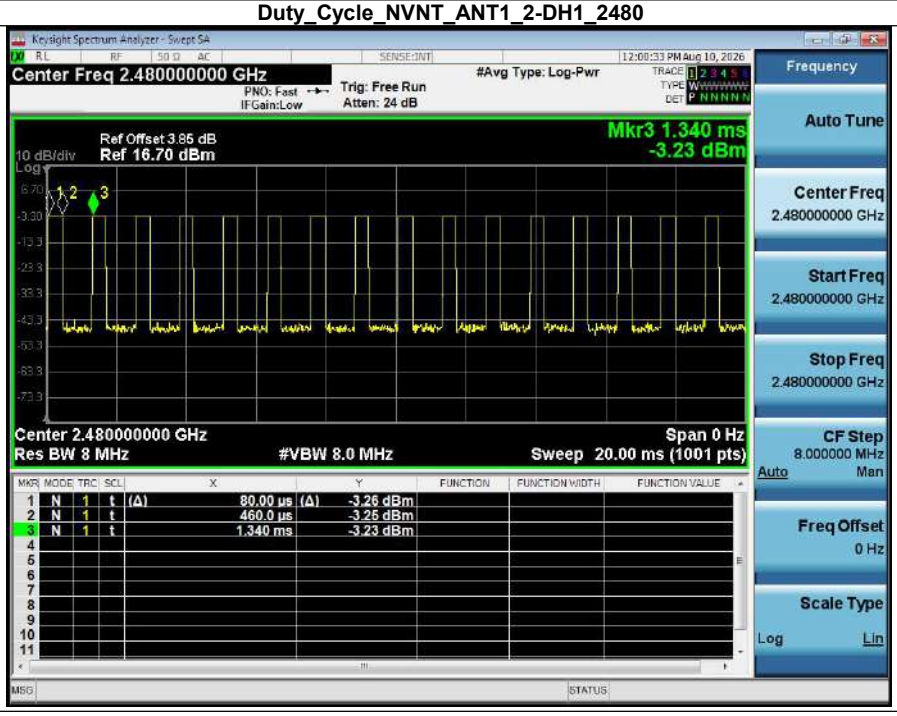
Duty_Cycle_NVNT_ANT1_2-DH1_2402



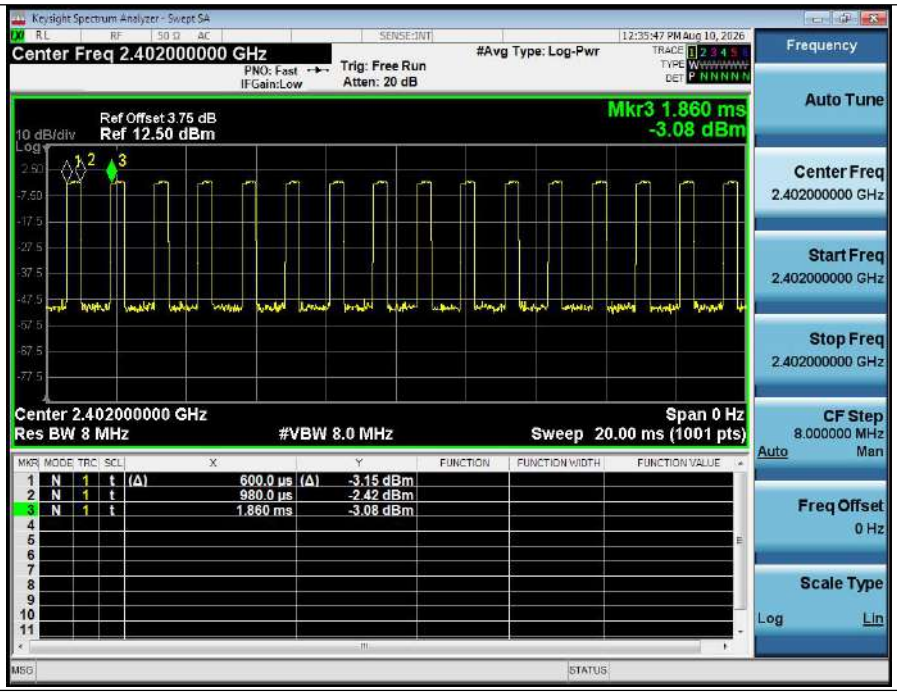
Duty_Cycle_NVNT_ANT1_2-DH1_2441



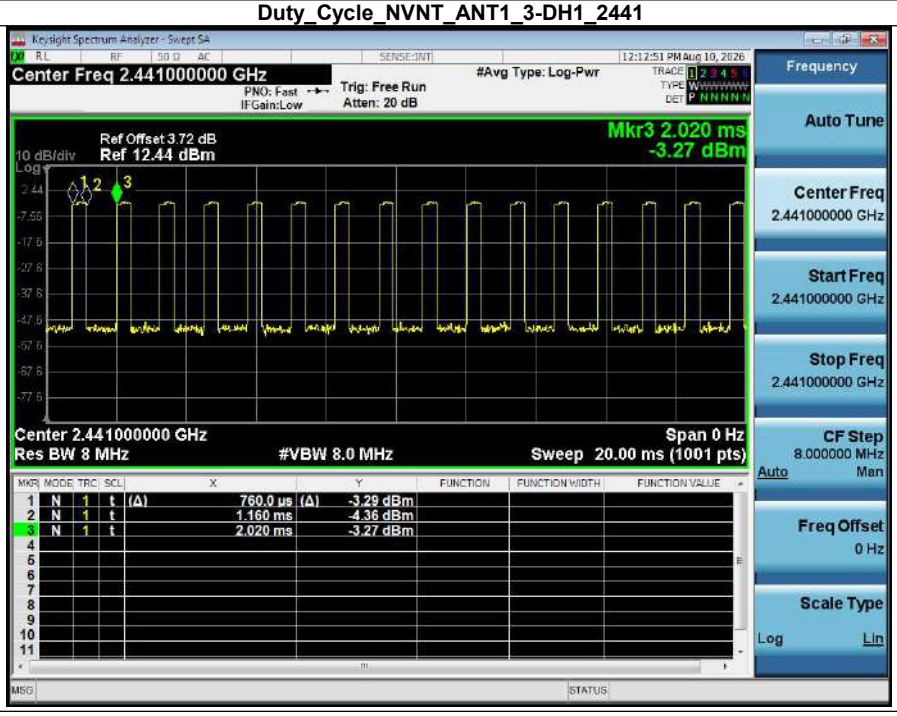
Duty_Cycle_NVNT_ANT1_2-DH1_2480



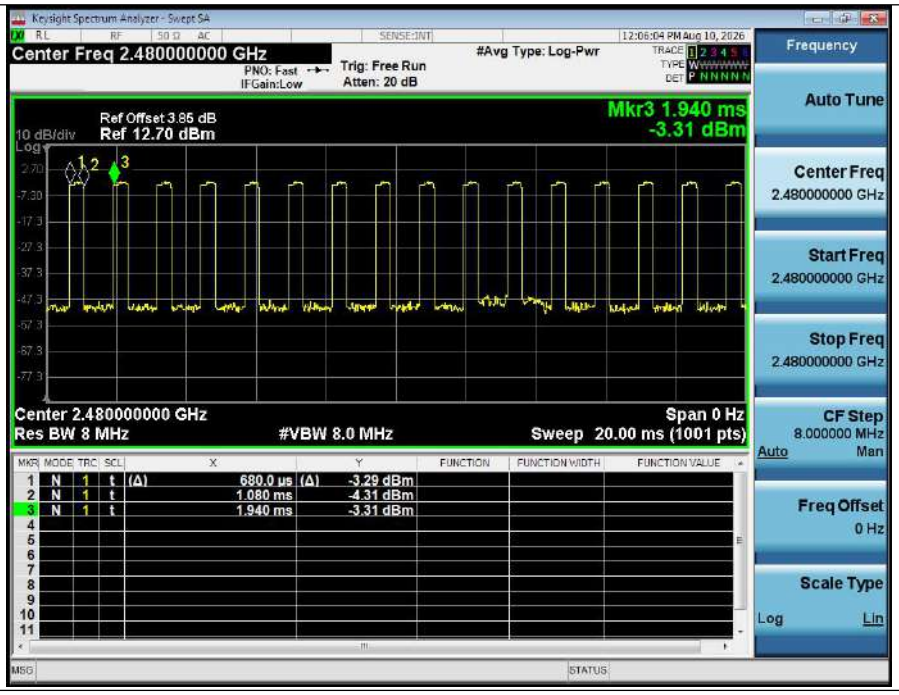
Duty_Cycle_NVNT_ANT1_3-DH1_2402



Duty_Cycle_NVNT_ANT1_3-DH1_2441



Duty_Cycle_NVNT_ANT1_3-DH1_2480


Keysight Spectrum Analyzer - Swept SA
Center Freq 2.480000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
#Avg Type: Log-Pwr
12:06:04 PM Aug 10, 2026
Ref Offset 3.85 dB
10 dB/div
Ref 12.70 dBm
Mkr3 1.940 ms
-3.31 dBm
Center 2.480000000 GHz
Res BW 8 MHz
#VBW 8.0 MHz
Span 0 Hz
Sweep 20.00 ms (1001 pts)
1 N 1 t (Δ) 680.0 µs (Δ) -3.29 dBm
2 N 1 t 1.080 ms -4.31 dBm
3 N 1 t 1.940 ms -3.31 dBm
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.480000000 GHz
Stop Freq
2.480000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
MSG
STATUS

2. -20dB Bandwidth

	Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)
Left ear	NVNT	ANT1	1-DH1	2402.00	0.880
	NVNT	ANT1	1-DH1	2441.00	0.879
	NVNT	ANT1	1-DH1	2480.00	0.878
	NVNT	ANT1	2-DH1	2402.00	1.254
	NVNT	ANT1	2-DH1	2441.00	1.257
	NVNT	ANT1	2-DH1	2480.00	1.254
	NVNT	ANT1	3-DH1	2402.00	1.223
	NVNT	ANT1	3-DH1	2441.00	1.221
	NVNT	ANT1	3-DH1	2480.00	1.223

-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

	Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)
Right ear	NVNT	ANT1	1-DH1	2402.00	0.879
	NVNT	ANT1	1-DH1	2441.00	0.877
	NVNT	ANT1	1-DH1	2480.00	0.880
	NVNT	ANT1	2-DH1	2402.00	1.253
	NVNT	ANT1	2-DH1	2441.00	1.256
	NVNT	ANT1	2-DH1	2480.00	1.254
	NVNT	ANT1	3-DH1	2402.00	1.222
	NVNT	ANT1	3-DH1	2441.00	1.223
	NVNT	ANT1	3-DH1	2480.00	1.223

-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
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
07:45:33 PM Aug 06, 2026
Frequency
Ref Offset 3.85 dB
10 dB/div
Ref 14.70 dBm
Log
Center 2.48 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 3 MHz
Sweep 3.2 ms
Occupied Bandwidth
1.1452 MHz
Total Power
4.37 dBm
Transmit Freq Error
18.264 kHz
% of OBW Power
99.00 %
x dB Bandwidth
1.223 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)
Left ear	NVNT	ANT1	1-DH1	2402.00	0.822
	NVNT	ANT1	1-DH1	2441.00	0.827
	NVNT	ANT1	1-DH1	2480.00	0.820
	NVNT	ANT1	2-DH1	2402.00	1.166
	NVNT	ANT1	2-DH1	2441.00	1.166
	NVNT	ANT1	2-DH1	2480.00	1.165
	NVNT	ANT1	3-DH1	2402.00	1.146
	NVNT	ANT1	3-DH1	2441.00	1.146
	NVNT	ANT1	3-DH1	2480.00	1.145

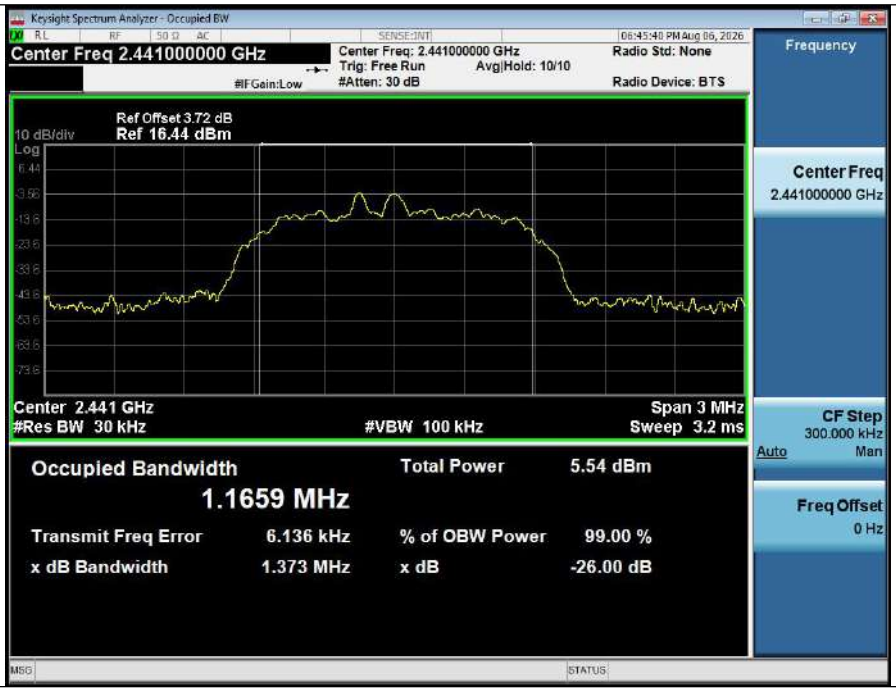
99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2402_00

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

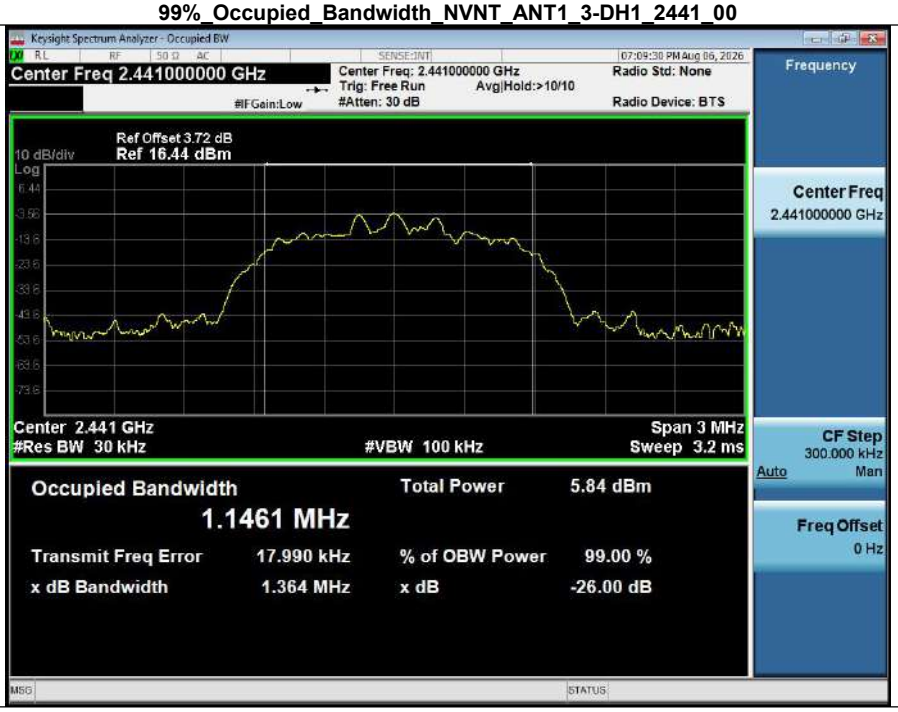
99%_Occupied_Bandwidth_NVNT_ANT1_2-DH1_2441_00



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
Center Freq 2.480000000 GHz
Center Freq: 2.480000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
07:15:47 PM Aug 06, 2026
Frequency
Ref Offset 3.85 dB
10 dB/div
Ref 14.70 dBm
Log
Center Freq
2.480000000 GHz
Center 2.48 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 3 MHz
Sweep 3.2 ms
CF Step
300.000 kHz
Auto
Man
Occupied Bandwidth
1.1453 MHz
Total Power
4.45 dBm
Transmit Freq Error
17.994 kHz
% of OBW Power
99.00 %
x dB Bandwidth
1.362 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

	Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
Right ear	NVNT	ANT1	1-DH1	2402.00	0.821
	NVNT	ANT1	1-DH1	2441.00	0.820
	NVNT	ANT1	1-DH1	2480.00	0.821
	NVNT	ANT1	2-DH1	2402.00	1.165
	NVNT	ANT1	2-DH1	2441.00	1.165
	NVNT	ANT1	2-DH1	2480.00	1.165
	NVNT	ANT1	3-DH1	2402.00	1.145
	NVNT	ANT1	3-DH1	2441.00	1.146
	NVNT	ANT1	3-DH1	2480.00	1.143

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

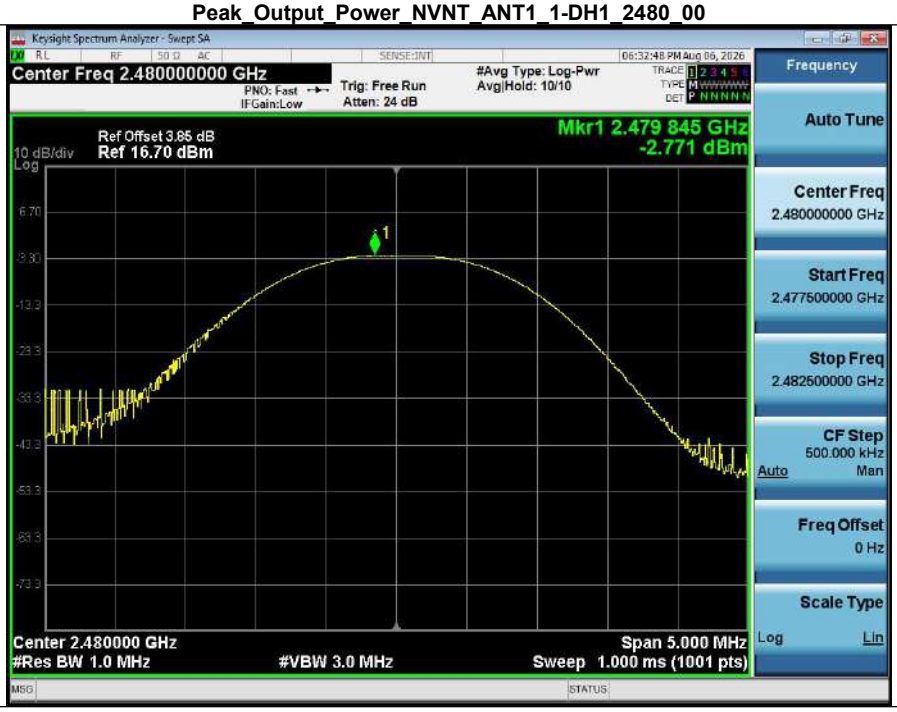

Keysight Spectrum Analyzer - Occupied BW
Center Freq 2.480000000 GHz
Center Freq: 2.480000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
07:45:52 PM Aug 06, 2026
Frequency
Ref Offset 3.85 dB
10 dB/div
Ref 14.70 dBm
Log
Center 2.48 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 3 MHz
Sweep 3.2 ms
Occupied Bandwidth
1.1434 MHz
Total Power
4.38 dBm
Transmit Freq Error
16.991 kHz
% of OBW Power
99.00 %
x dB Bandwidth
1.355 MHz
x dB
-26.00 dB
Center Freq
2.480000000 GHz
CF Step
300.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

4. Peak Output Power

	Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
Left ear	NVNT	ANT1	1-DH1	2402.00	-1.33	0.74	1000	Pass
	NVNT	ANT1	1-DH1	2441.00	-1.20	0.76	1000	Pass
	NVNT	ANT1	1-DH1	2480.00	-2.77	0.53	1000	Pass
	NVNT	ANT1	2-DH1	2402.00	-0.42	0.91	125	Pass
	NVNT	ANT1	2-DH1	2441.00	-0.43	0.91	125	Pass
	NVNT	ANT1	2-DH1	2480.00	-1.86	0.65	125	Pass
	NVNT	ANT1	3-DH1	2402.00	0.16	1.04	125	Pass
	NVNT	ANT1	3-DH1	2441.00	0.22	1.05	125	Pass
	NVNT	ANT1	3-DH1	2480.00	-1.18	0.76	125	Pass

Peak_Output_Power_NVNT_ANT1_1-DH1_2402_00

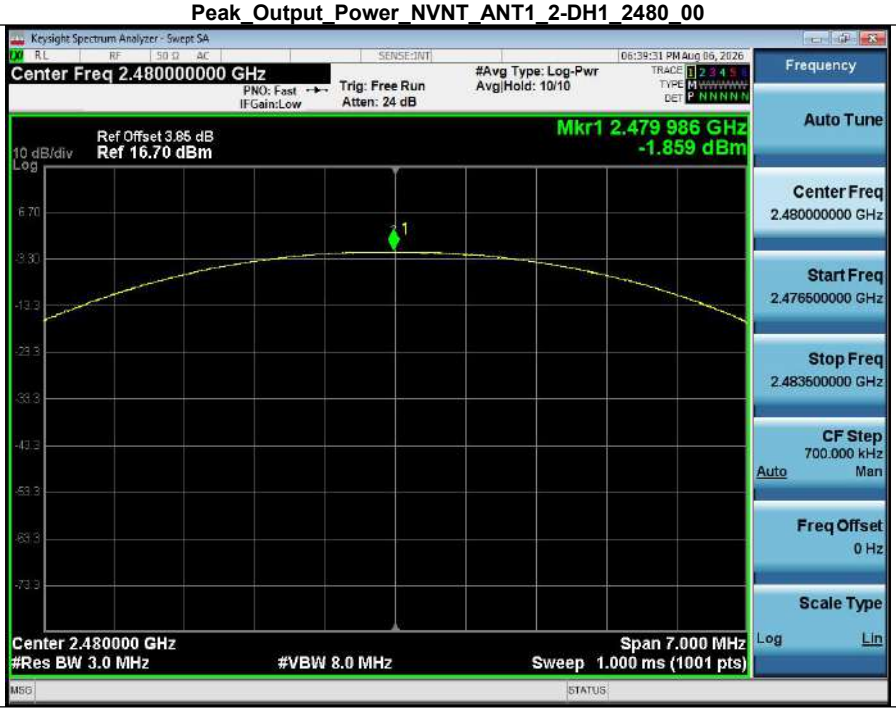
Peak_Output_Power_NVNT_ANT1_1-DH1_2441_00

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: 20 dB
#Avg Type: Log-Pwr
Avg|Hold: 10/10
07:16:05 PM Aug 06, 2026
Ref Offset 3.85 dB
10 dB/div
Ref 12.70 dBm
Log
Mkr1 2.479 902 GHz
-1.181 dBm
Center 2.480000 GHz
#Res BW 3.0 MHz
#VBW 8.0 MHz
Span 7.000 MHz
Sweep 1.000 ms (1001 pts)
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.476500000 GHz
Stop Freq
2.483500000 GHz
CF Step
700.000 kHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
MSG
STATUS

	Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
Right ear	NVNT	ANT1	1-DH1	2402.00	-1.33	0.74	1000	Pass
	NVNT	ANT1	1-DH1	2441.00	-1.28	0.74	1000	Pass
	NVNT	ANT1	1-DH1	2480.00	-2.75	0.53	1000	Pass
	NVNT	ANT1	2-DH1	2402.00	-0.44	0.90	125	Pass
	NVNT	ANT1	2-DH1	2441.00	-0.18	0.96	125	Pass
	NVNT	ANT1	2-DH1	2480.00	-1.86	0.65	125	Pass
	NVNT	ANT1	3-DH1	2402.00	0.15	1.04	125	Pass
	NVNT	ANT1	3-DH1	2441.00	0.13	1.03	125	Pass
	NVNT	ANT1	3-DH1	2480.00	-1.27	0.75	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

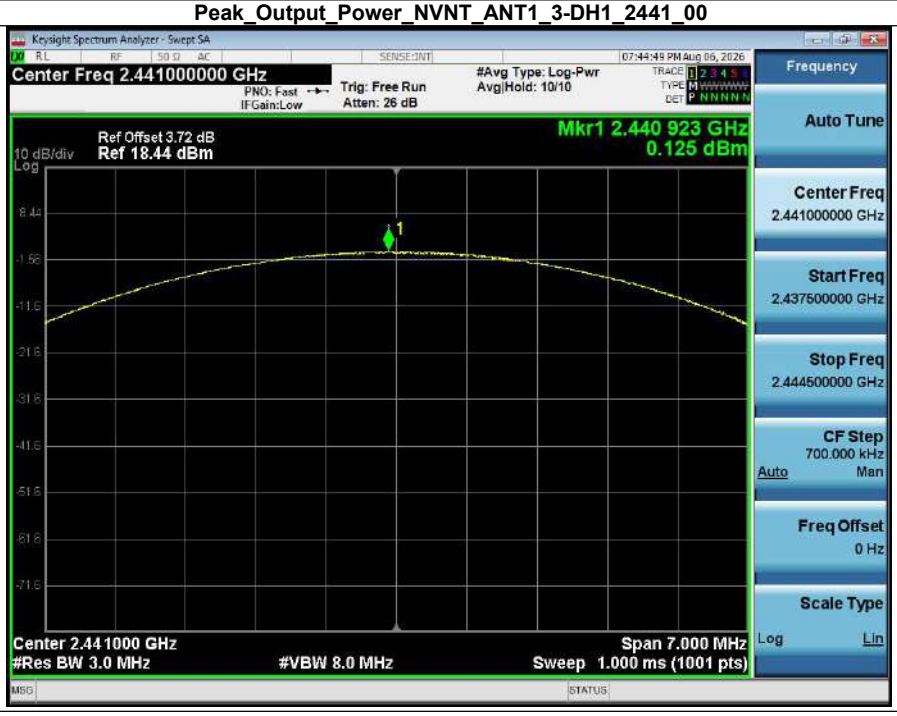
Peak_Output_Power_NVNT_ANT1_2-DH1_2402_00

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

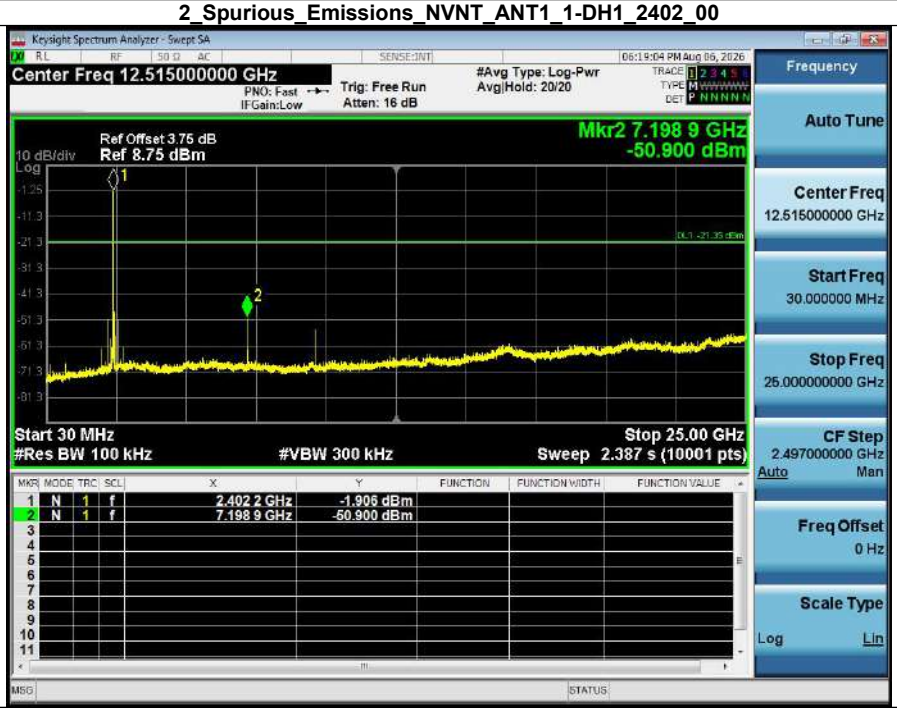

Keysight Spectrum Analyzer - Swept SA
Center Freq 2.480000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
#Avg Type: Log-Pwr
Avg|Hold: 10/10
07:46:11 PM Aug 06, 2026
Ref Offset 3.85 dB
10 dB/div
Log
Ref 12.70 dBm
Mkr1 2.480 049 GHz
-1.267 dBm
Center 2.480000 GHz
#Res BW 3.0 MHz
#VBW 8.0 MHz
Span 7.000 MHz
Sweep 1.000 ms (1001 pts)
Frequency
Auto Tune
Center Freq
2.480000000 GHz
Start Freq
2.476500000 GHz
Stop Freq
2.483500000 GHz
CF Step
700.000 kHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
MSG
STATUS

5. Spurious Emissions

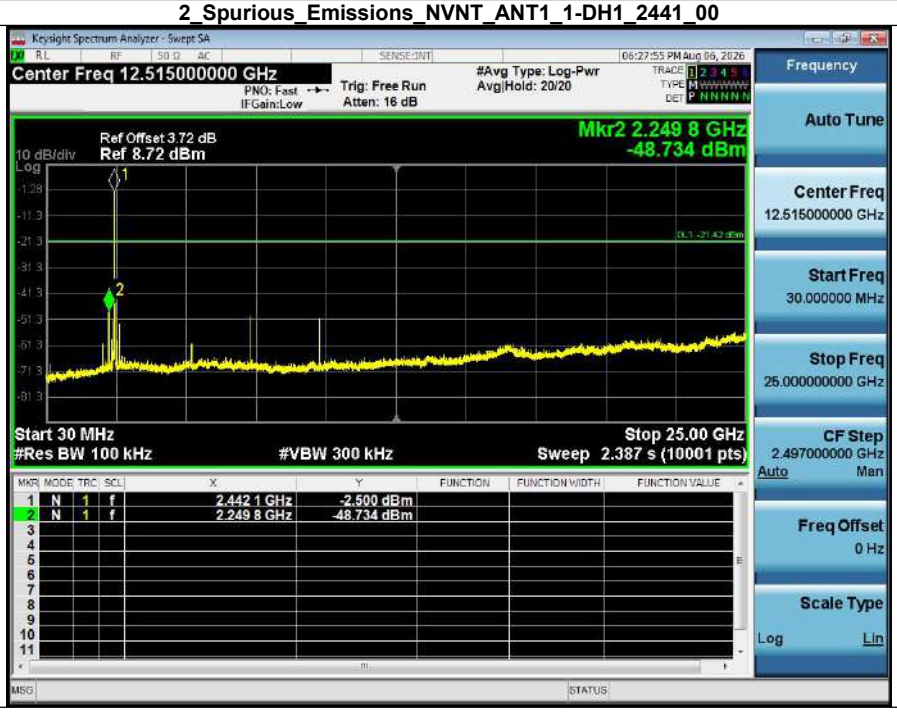
	Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
Left ear	NVNT	ANT1	1-DH1	2402.00	-1.352	-50.900	-21.352	Pass
	NVNT	ANT1	1-DH1	2441.00	-1.424	-48.734	-21.424	Pass
	NVNT	ANT1	1-DH1	2480.00	-2.827	-45.819	-22.827	Pass
	NVNT	ANT1	2-DH1	2402.00	-1.330	-46.132	-21.330	Pass
	NVNT	ANT1	2-DH1	2441.00	-1.353	-40.082	-21.353	Pass
	NVNT	ANT1	2-DH1	2480.00	-2.775	-35.624	-22.775	Pass
	NVNT	ANT1	3-DH1	2402.00	-1.345	-44.599	-21.345	Pass
	NVNT	ANT1	3-DH1	2441.00	-1.312	-50.230	-21.312	Pass
	NVNT	ANT1	3-DH1	2480.00	-2.737	-46.359	-22.737	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402_00

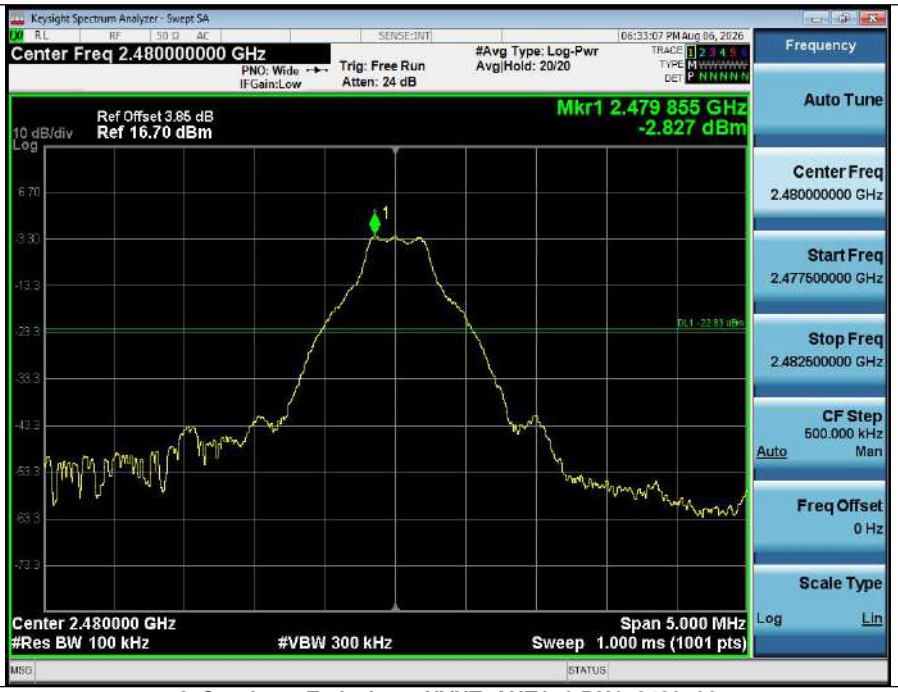
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402_00



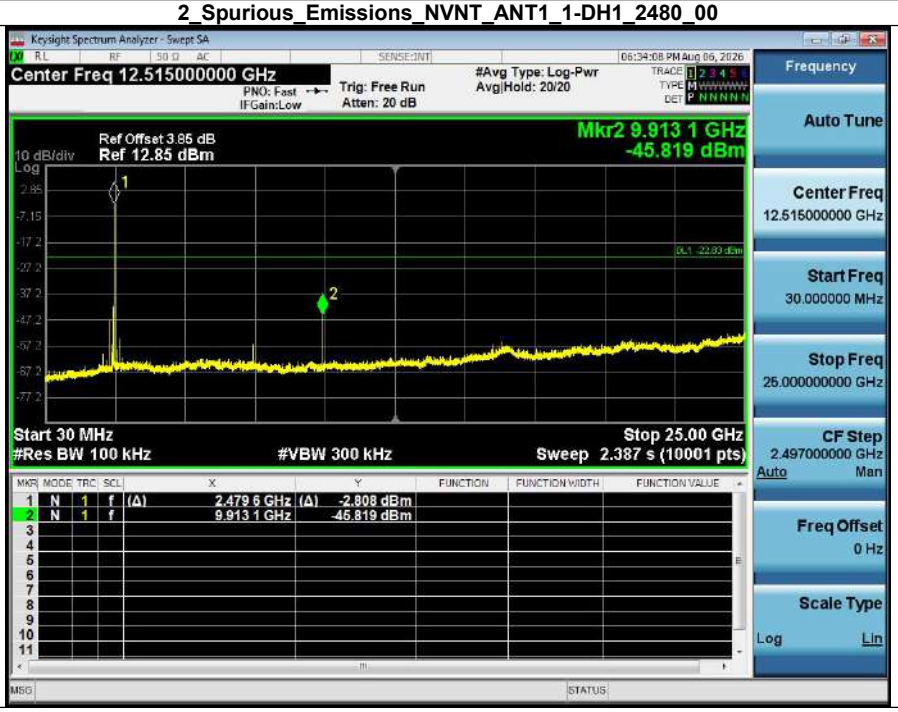
1_Reference_Level_NVNT_ANT1_1-DH1_2441_00


2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00


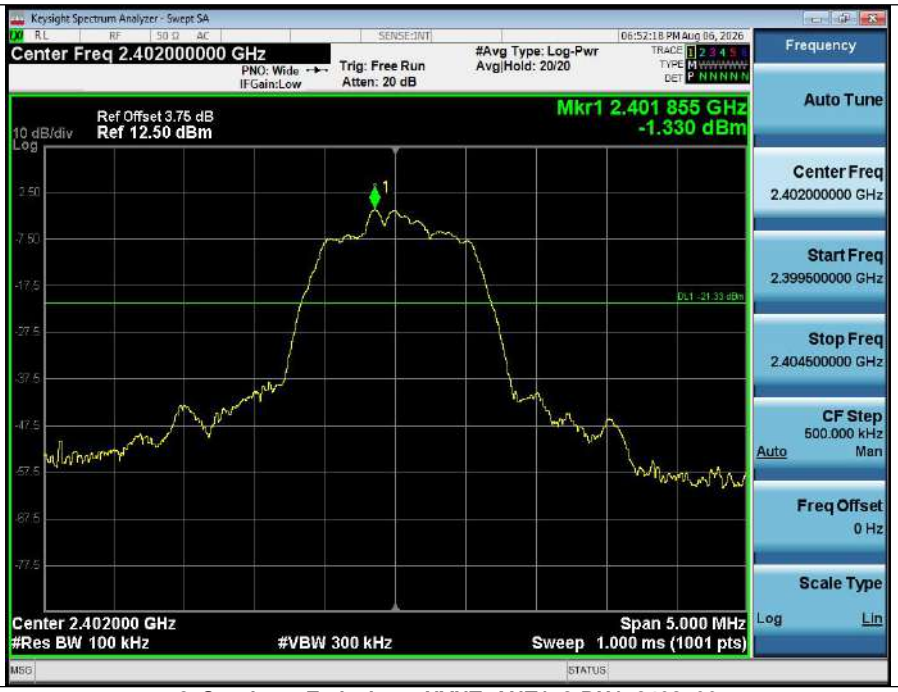
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



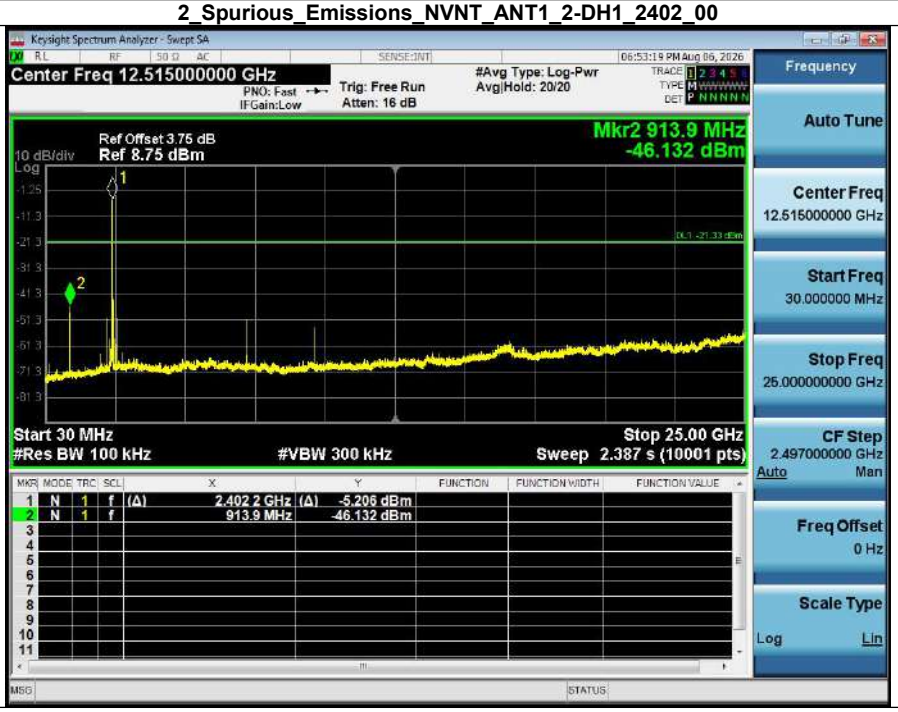
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



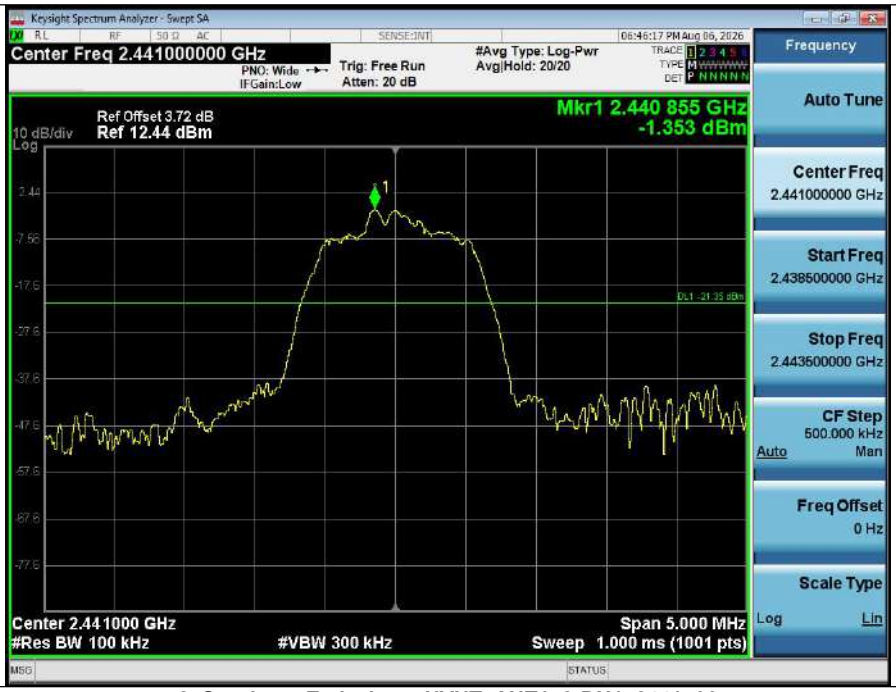
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



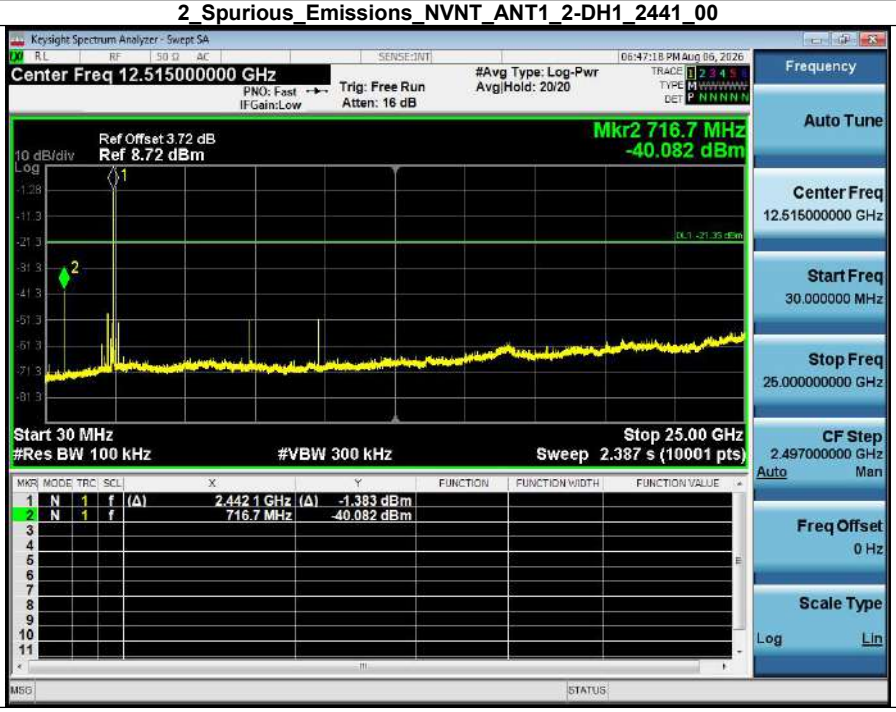
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



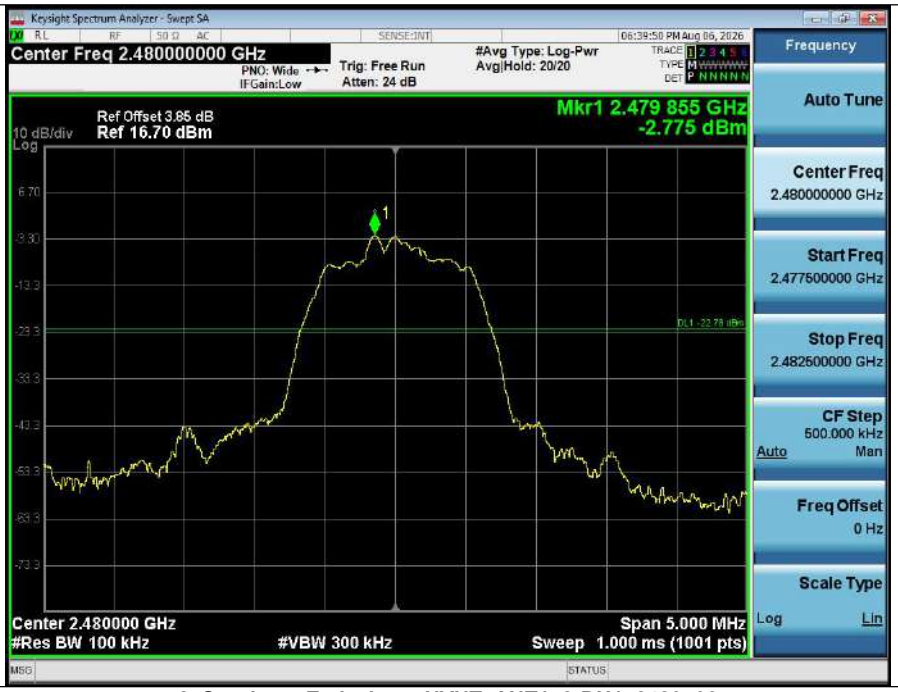
1_Reference_Level_NVNT_ANT1_2-DH1_2441_00



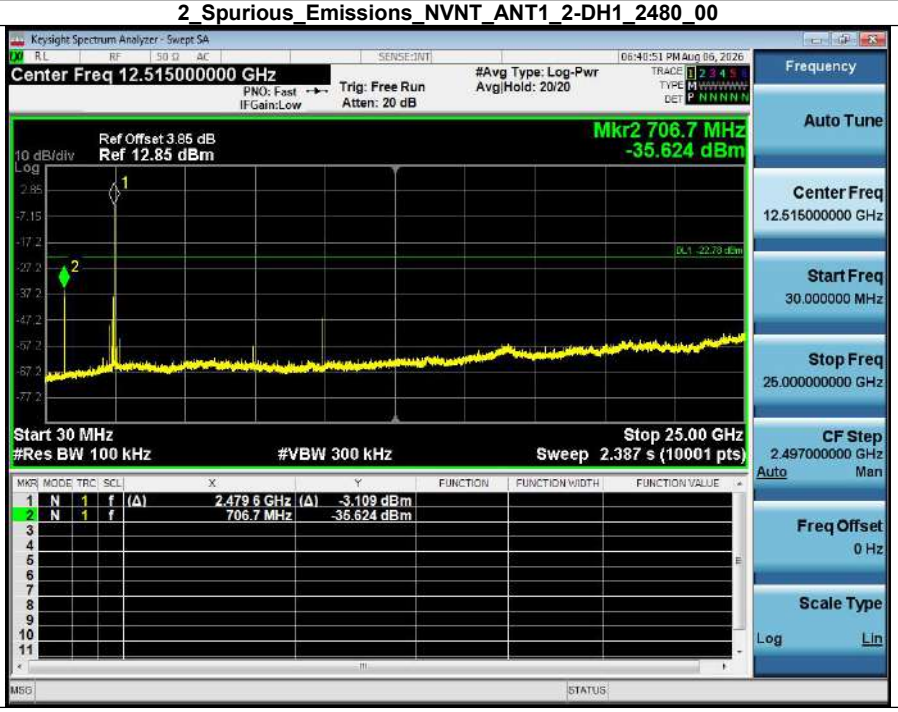
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



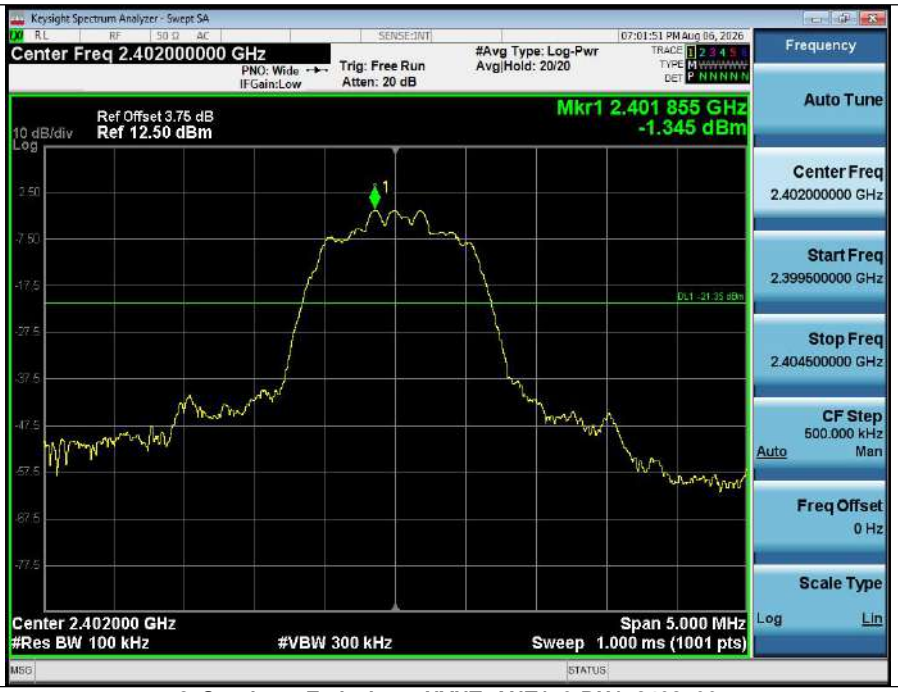
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



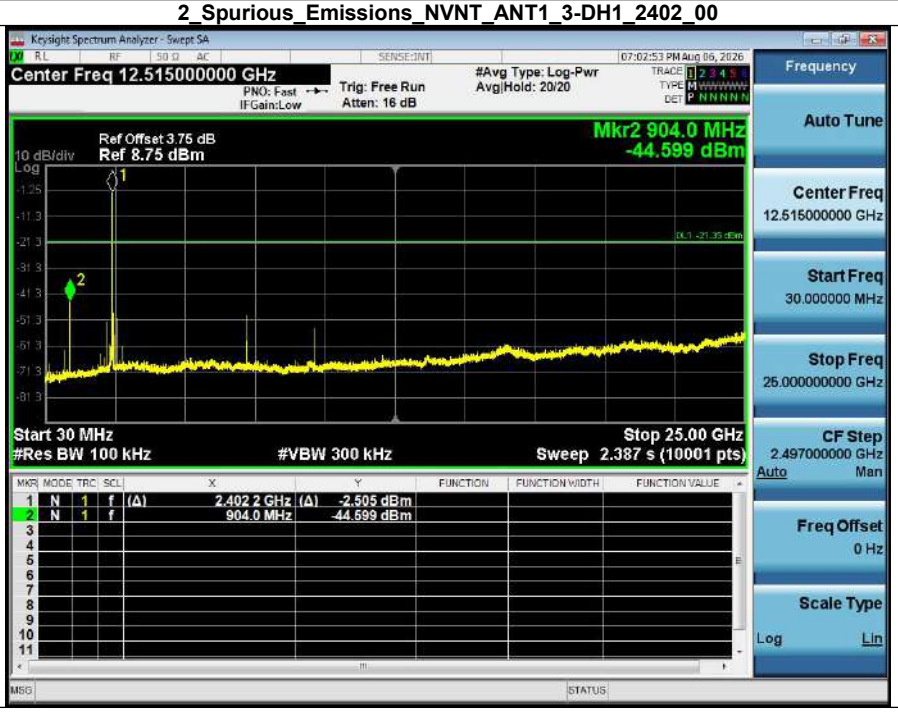
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



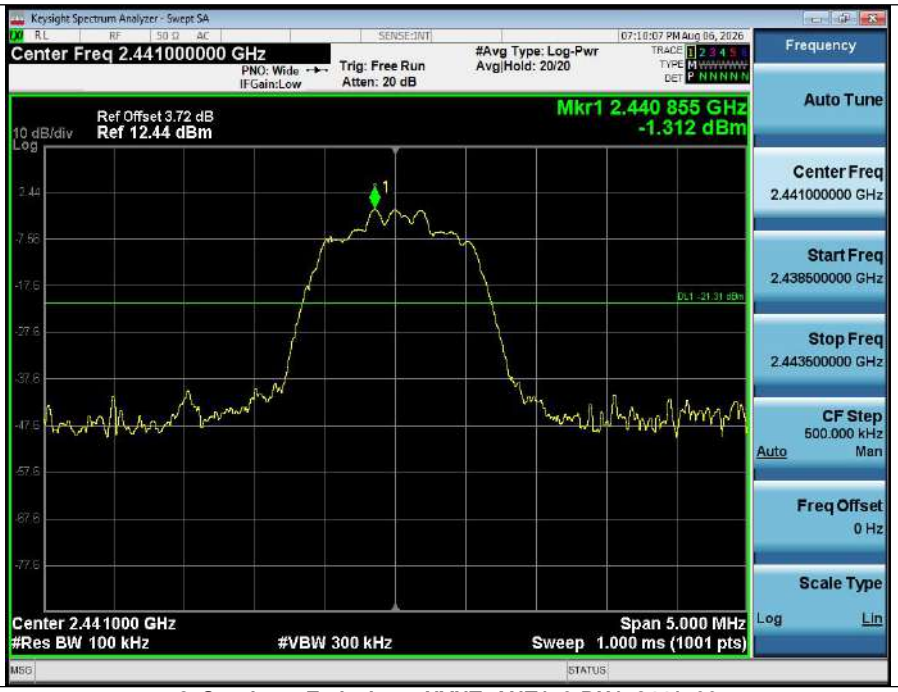
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



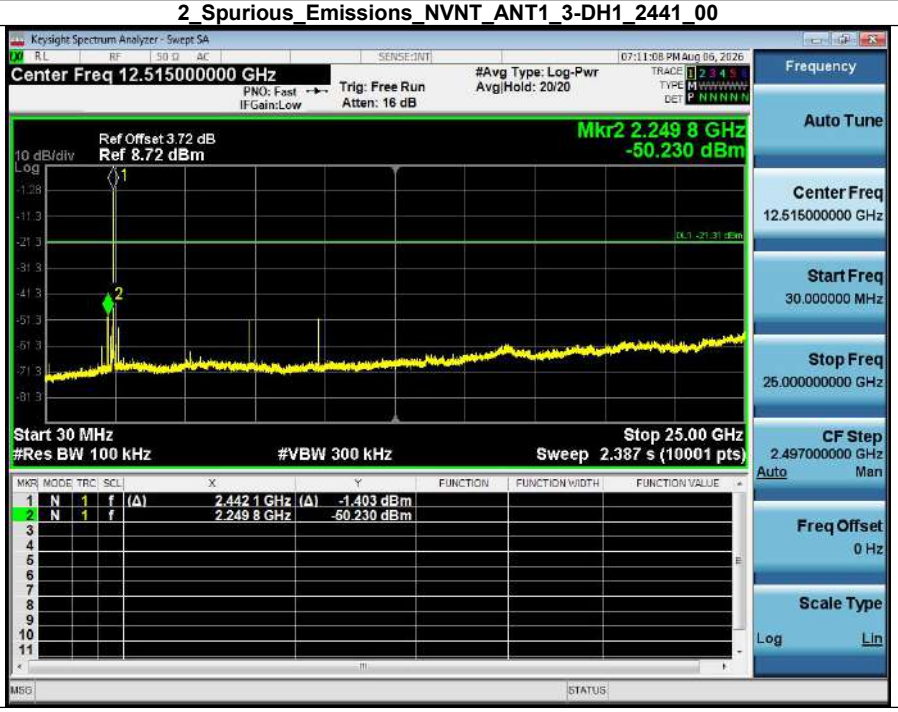
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



1_Reference_Level_NVNT_ANT1_3-DH1_2441_00



2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1_Reference_Level_NVNT_ANT1_3-DH1_2480_00