Appendix Test Data

Report No.:	78340WC20001001	Test Date:	2022.07.07
Test Engineer:	JingPeng	Auditor:	Andy wang
Temperature:	24.3℃	Relative Humidity:	56.2%
Pressure:	1012 hPa		

1. -20dB Bandwidth

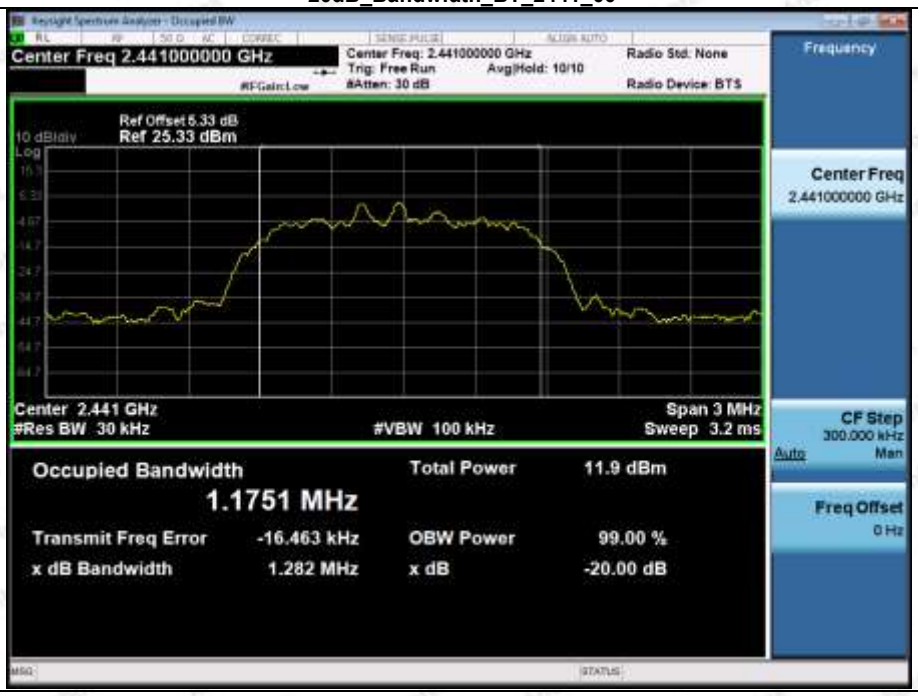
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.952	No
NVNT	ANT1	1-DH5	2441.00	0.953	No
NVNT	ANT1	1-DH5	2480.00	0.952	No
NVNT	ANT1	2-DH5	2402.00	1.280	Yes
NVNT	ANT1	2-DH5	2441.00	1.282	Yes
NVNT	ANT1	2-DH5	2480.00	1.282	Yes
NVNT	ANT1	3-DH5	2402.00	1.273	Yes
NVNT	ANT1	3-DH5	2441.00	1.277	Yes
NVNT	ANT1	3-DH5	2480.00	1.281	Yes

-20dB_Bandwidth_BT_2402_00


-20dB_Bandwidth_BT_2441_00


-20dB_Bandwidth_BT_2480_00


-20dB_Bandwidth_BT_2402_00


-20dB_Bandwidth_BT_2441_00


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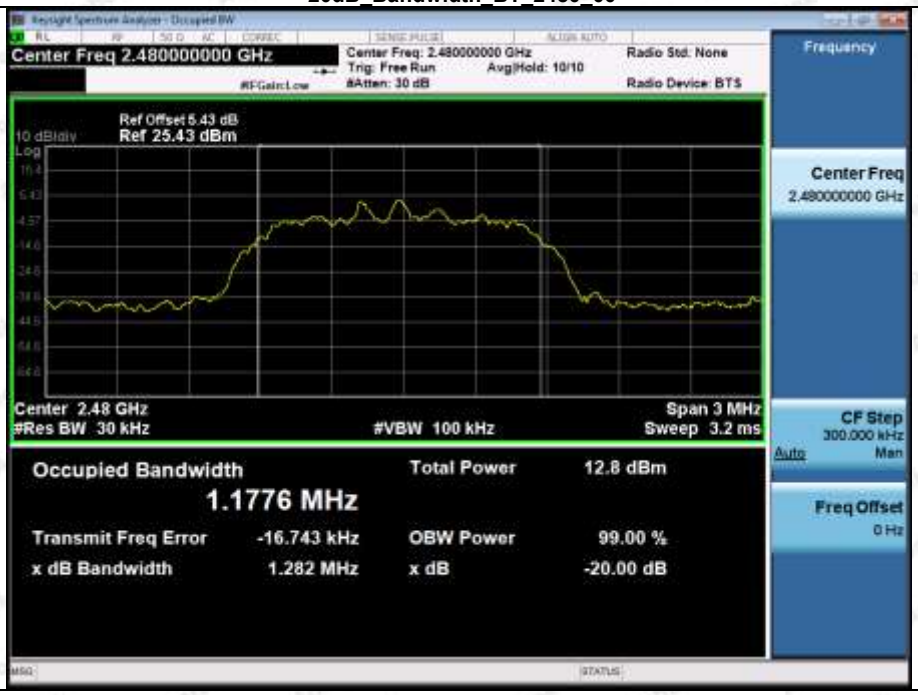
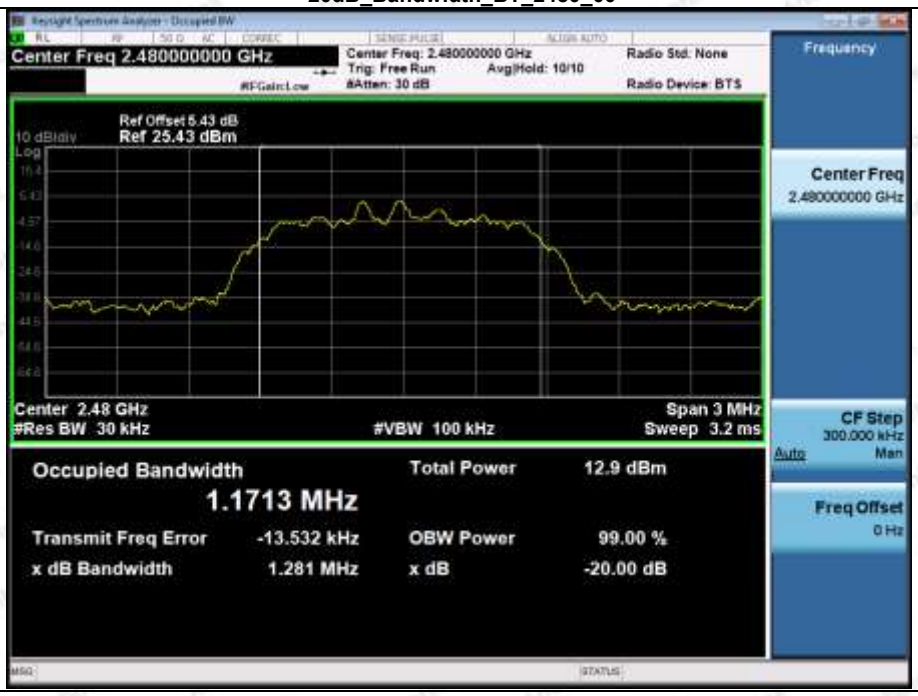


-20dB_Bandwidth_BT_2402_00


-20dB_Bandwidth_BT_2441_00


-20dB_Bandwidth_BT_2480_00


2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.846
NVNT	ANT1	1-DH5	2441.00	0.847
NVNT	ANT1	1-DH5	2480.00	0.853
NVNT	ANT1	2-DH5	2402.00	1.171
NVNT	ANT1	2-DH5	2441.00	1.171
NVNT	ANT1	2-DH5	2480.00	1.174
NVNT	ANT1	3-DH5	2402.00	1.166
NVNT	ANT1	3-DH5	2441.00	1.168
NVNT	ANT1	3-DH5	2480.00	1.171

99%_Occupied_Bandwidth_BT_NVNT_ANT1_1-DH5_2402_00

99%_Occupied_Bandwidth_BT_NVNT_ANT1_1-DH5_2441_00

99%_Occupied_Bandwidth_BT_NVNT_ANT1_1-DH5_2480_00


99%_Occupied_Bandwidth_BT_NVNT_ANT1_2-DH5_2402_00


99%_Occupied_Bandwidth_BT_NVNT_ANT1_2-DH5_2441_00


99%_Occupied_Bandwidth_BT_NVNT_ANT1_2-DH5_2480_00


99%_Occupied_Bandwidth_BT_NVNT_ANT1_3-DH5_2402_00

99%_Occupied_Bandwidth_BT_NVNT_ANT1_3-DH5_2441_00

99%_Occupied_Bandwidth_BT_NVNT_ANT1_3-DH5_2480_00


3. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	3.20	2.09	1000	Pass
NVNT	ANT1	1-DH5	2441.00	4.89	3.08	1000	Pass
NVNT	ANT1	1-DH5	2480.00	5.76	3.76	1000	Pass
NVNT	ANT1	2-DH5	2402.00	4.24	2.65	125	Pass
NVNT	ANT1	2-DH5	2441.00	5.88	3.87	125	Pass
NVNT	ANT1	2-DH5	2480.00	6.61	4.58	125	Pass
NVNT	ANT1	3-DH5	2402.00	4.33	2.71	125	Pass
NVNT	ANT1	3-DH5	2441.00	6.00	3.98	125	Pass
NVNT	ANT1	3-DH5	2480.00	6.63	4.60	125	Pass

Peak_Output_Power_BT_NVNT_ANT1_1-DH5_2402_00


Peak_Output_Power_BT_NVNT_ANT1_1-DH5_2441_00


Peak_Output_Power_BT_NVNT_ANT1_1-DH5_2480_00


Peak_Output_Power_BT_NVNT_ANT1_2-DH5_2402_00


Peak_Output_Power_BT_NVNT_ANT1_2-DH5_2441_00


Peak_Output_Power_BT_NVNT_ANT1_2-DH5_2480_00


Peak_Output_Power_BT_NVNT_ANT1_3-DH5_2402_00


Peak_Output_Power_BT_NVNT_ANT1_3-DH5_2441_00


Peak_Output_Power_BT_NVNT_ANT1_3-DH5_2480_00


4. Spurious Emissions

Condition	Antenna	Modulation	Frequency (MHz)	Spurious MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402	-37.83	-17.07	Pass
NVNT	ANT1	1-DH5	2441	-37.93	-15.31	Pass
NVNT	ANT1	1-DH5	2480	-37.82	-14.45	Pass
NVNT	ANT1	2-DH5	2402	-38.13	-16.87	Pass
NVNT	ANT1	2-DH5	2441	-37.85	-15.15	Pass
NVNT	ANT1	2-DH5	2480	-37.63	-14.30	Pass
NVNT	ANT1	3-DH5	2402	-38.21	-16.79	Pass
NVNT	ANT1	3-DH5	2441	-37.59	-15.01	Pass
NVNT	ANT1	3-DH5	2480	-37.20	-14.13	Pass

Reference_Level_BT_1-DH5_2402_00


Spurious_Emissions_BT_1-DH5_2402_00

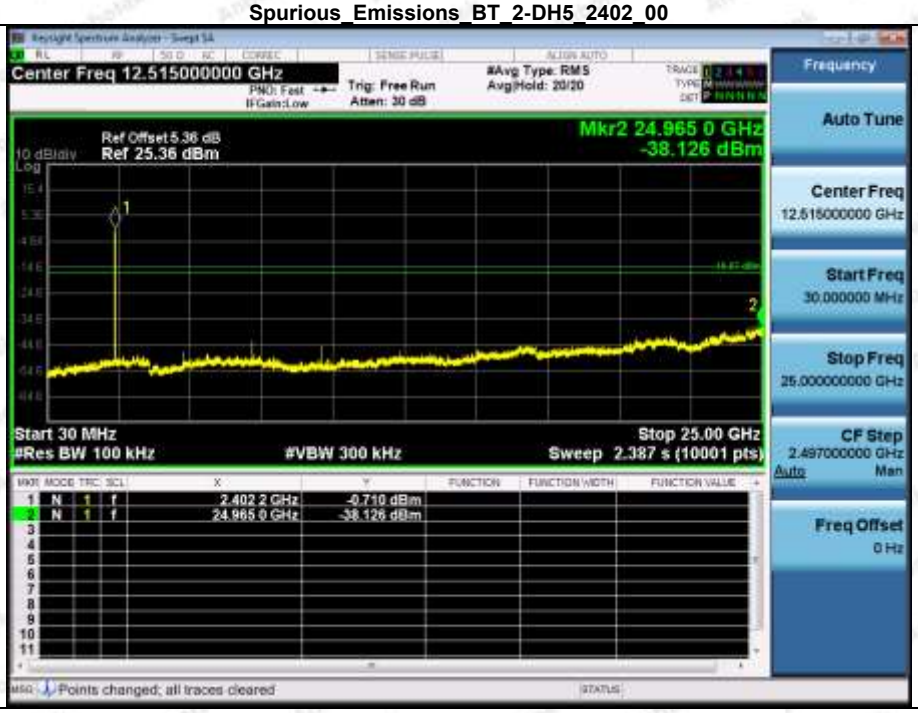

Reference_Level_BT_1-DH5_2441_00


Spurious_Emissions_BT_1-DH5_2441_00


Reference_Level_BT_1-DH5_2480_00


Spurious_Emissions_BT_1-DH5_2480_00


Reference_Level_BT_2-DH5_2402_00


Spurious_Emissions_BT_2-DH5_2402_00


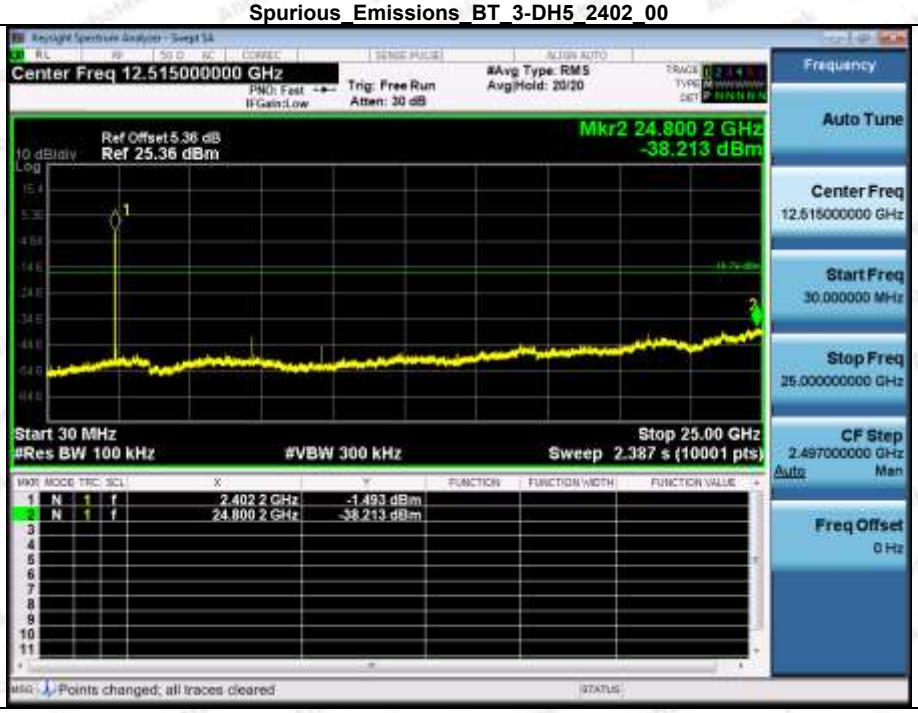
Reference_Level_BT_2-DH5_2441_00


Spurious_Emissions_BT_2-DH5_2441_00


Reference_Level_BT_2-DH5_2480_00


Spurious_Emissions_BT_2-DH5_2480_00


Reference_Level_BT_3-DH5_2402_00


Spurious_Emissions_BT_3-DH5_2402_00


Reference_Level_BT_3-DH5_2441_00


Spurious_Emissions_BT_3-DH5_2441_00


Reference_Level_BT_3-DH5_2480_00

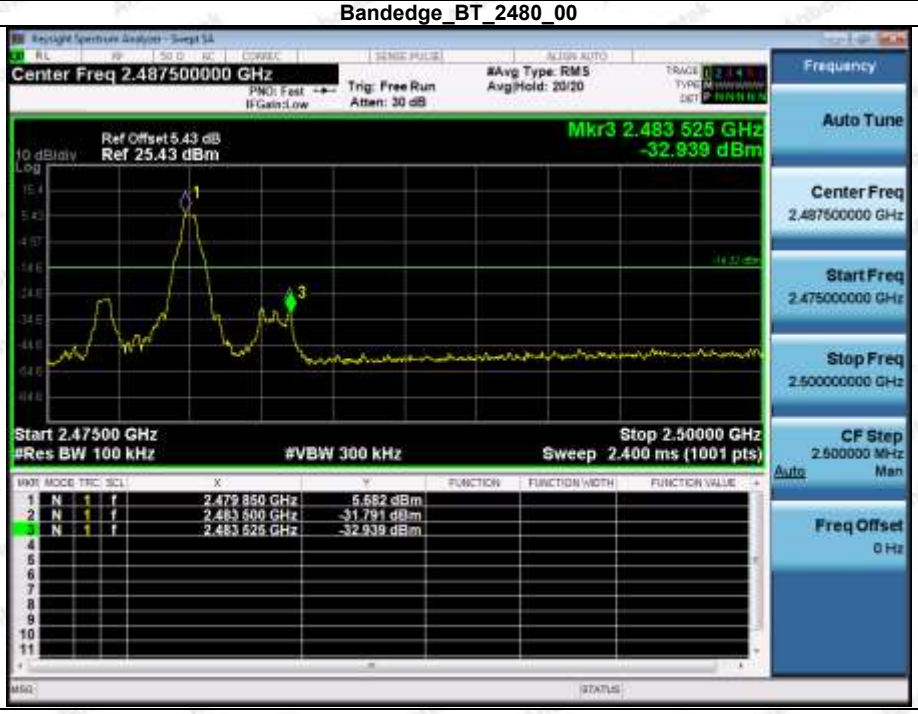

Spurious_Emissions_BT_3-DH5_2480_00

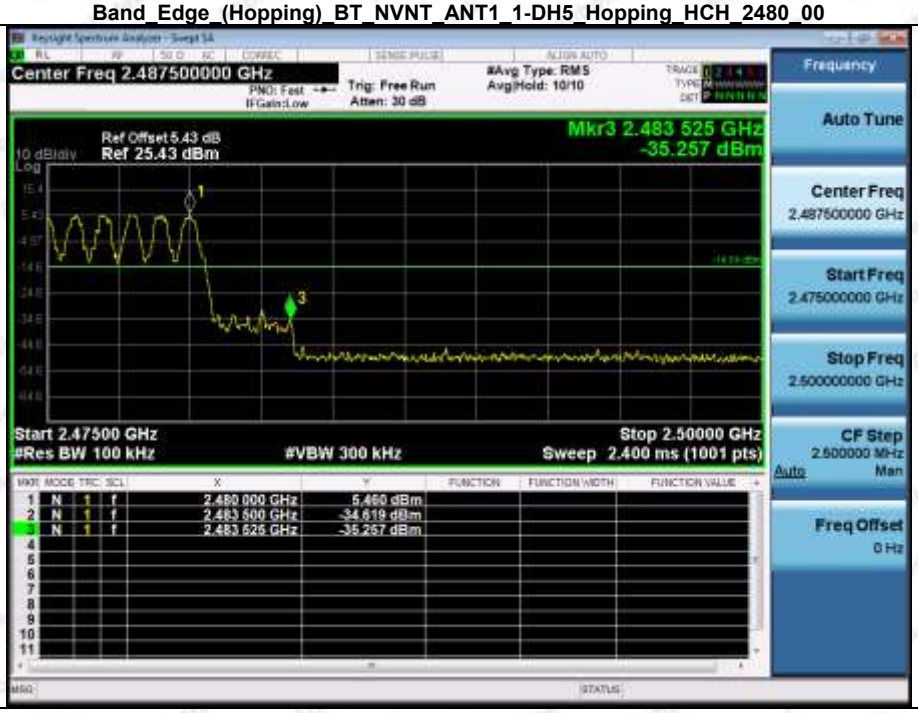

5. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	1-DH5	-33.05	-17.04	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-34.37	-16.90	Pass
NVNT	ANT1	1-DH5	1-DH5	-32.94	-14.32	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-35.26	-14.54	Pass
NVNT	ANT1	2-DH5	2-DH5	-32.42	-16.91	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-36.83	-16.70	Pass
NVNT	ANT1	2-DH5	2-DH5	-33.94	-14.31	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-39.11	-14.37	Pass
NVNT	ANT1	3-DH5	3-DH5	-32.60	-16.65	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-40.20	-16.59	Pass
NVNT	ANT1	3-DH5	3-DH5	-32.78	-14.24	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-40.76	-17.01	Pass

Bandedge_BT_2402_00


Band_Edge_(Hopping)_BT_NVNT_ANT1_1-DH5_Hopping_LCH_2402_00


Bandedge_BT_2480_00


Band_Edge_(Hopping)_BT_NVNT_ANT1_1-DH5_Hopping_HCH_2480_00


Bandedge_BT_2402_00


Band_Edge_(Hopping)_BT_NVNT_ANT1_2-DH5_Hopping_LCH_2402_00


Bandedge_BT_2480_00


Band_Edge_(Hopping)_BT_NVNT_ANT1_2-DH5_Hopping_HCH_2480_00


Bandedge_BT_2402_00


Band_Edge_(Hopping)_BT_NVNT_ANT1_3-DH5_Hopping_LCH_2402_00


Bandedge_BT_2480_00


Band_Edge_(Hopping)_BT_NVNT_ANT1_3-DH5_Hopping_HCH_2480_00


6. Carrier Frequencies Separation (Hopping)

Condition	Antenna	Modulation	Separation	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2440.981	2441.953	0.97	0.953	Pass
NVNT	ANT1	2-DH5	2441.00	2440.831	2441.830	1.00	0.855	Pass
NVNT	ANT1	3-DH5	2441.00	2441.146	2442.169	1.02	0.851	Pass

Carrier_Frequencies_Separation_(Hopping)_BT_NVNT_ANT1_1-DH5_2441_00


Carrier_Frequencies_Separation_(Hopping)_BT_NVNT_ANT1_2-DH5_2441_00


Carrier_Frequencies_Separation_(Hopping)_BT_NVNT_ANT1_3-DH5_2441_00


7. Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH5	79	15	Pass
NVNT	ANT1	2-DH5	79	15	Pass
NVNT	ANT1	3-DH5	79	15	Pass

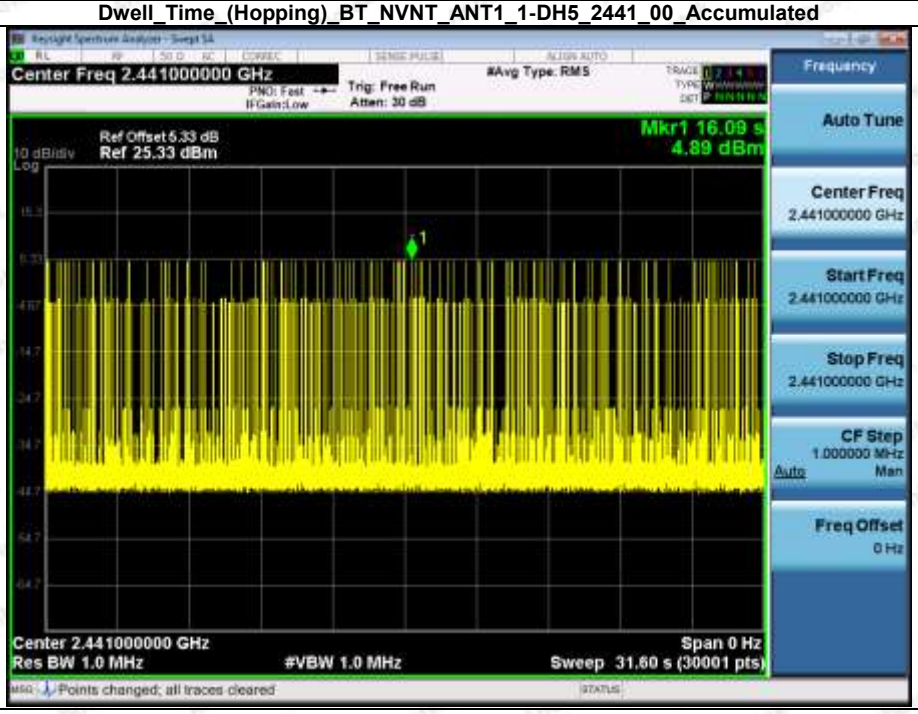
Number_of_Hopping_Channel_(Hopping)_BT_NVNT_ANT1_1-DH5

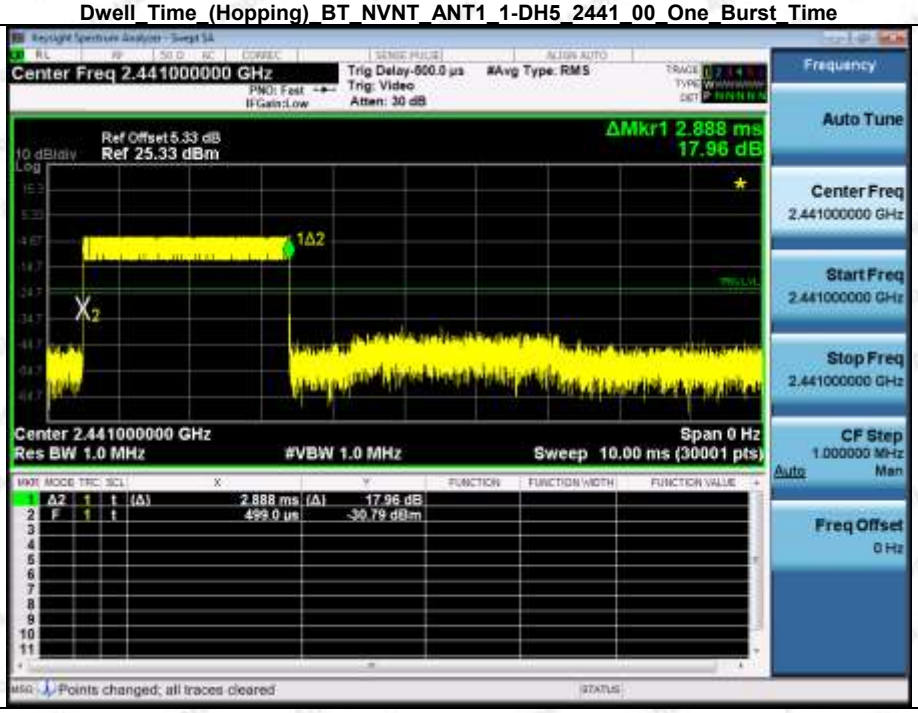

Number_of_Hopping_Channel_(Hopping)_BT_NVNT_ANT1_2-DH5


Number_of_Hopping_Channel_(Hopping)_BT_NVNT_ANT1_3-DH5


8. Dwell Time (Hopping)

Condition	Atenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.888	111.00	320.568	0.40	Pass
NVNT	ANT1	2-DH5	2.893	118.00	341.374	0.40	Pass
NVNT	ANT1	3-DH5	0.141	99.00	13.959	0.40	Pass
NVNT	ANT1	1-DH1	0.383	320.00	122.560	0.40	Pass
NVNT	ANT1	1-DH3	1.639	170.00	278.630	0.40	Pass
NVNT	ANT1	2-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	2-DH3	1.645	158.00	259.910	0.40	Pass
NVNT	ANT1	3-DH1	6.669	46.00	306.774	0.40	Pass
NVNT	ANT1	3-DH3	0.652	163.00	106.276	0.40	Pass

Dwell_Time_(Hopping)_BT_NVNT_ANT1_1-DH5_2441_00_Accumulated


Dwell_Time_(Hopping)_BT_NVNT_ANT1_1-DH5_2441_00_One_Burst_Time


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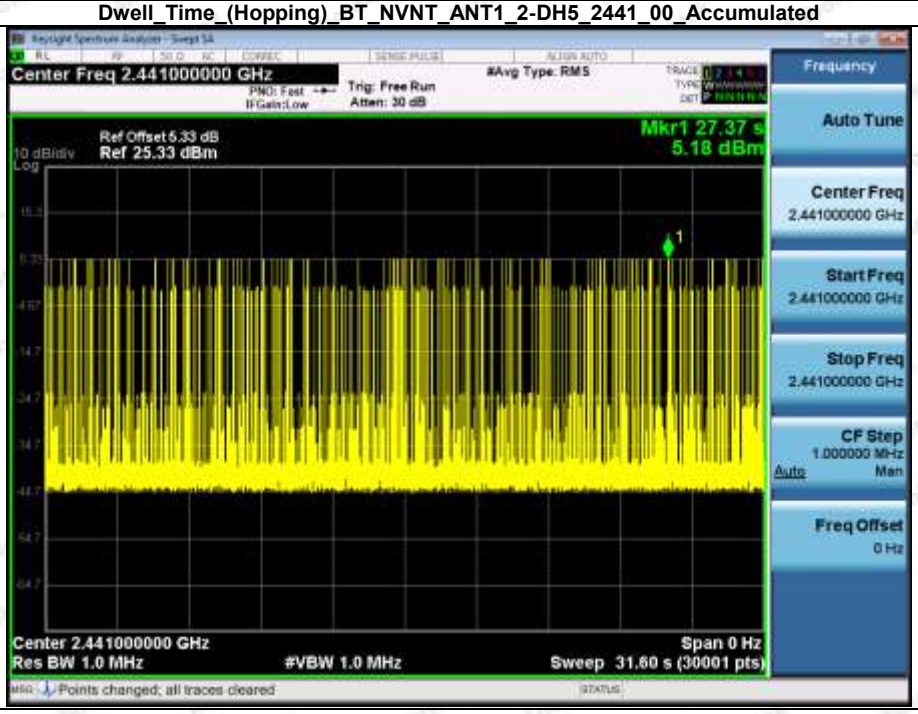
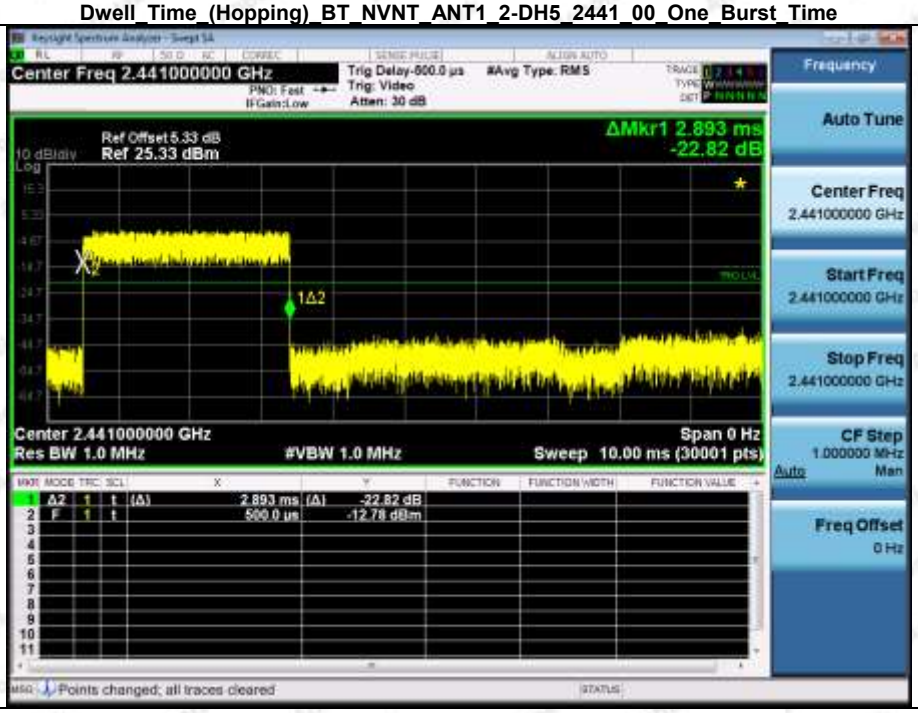


Dwell_Time_(Hopping)_BT_NVNT_ANT1_2-DH5_2441_00_One_Burst_Time


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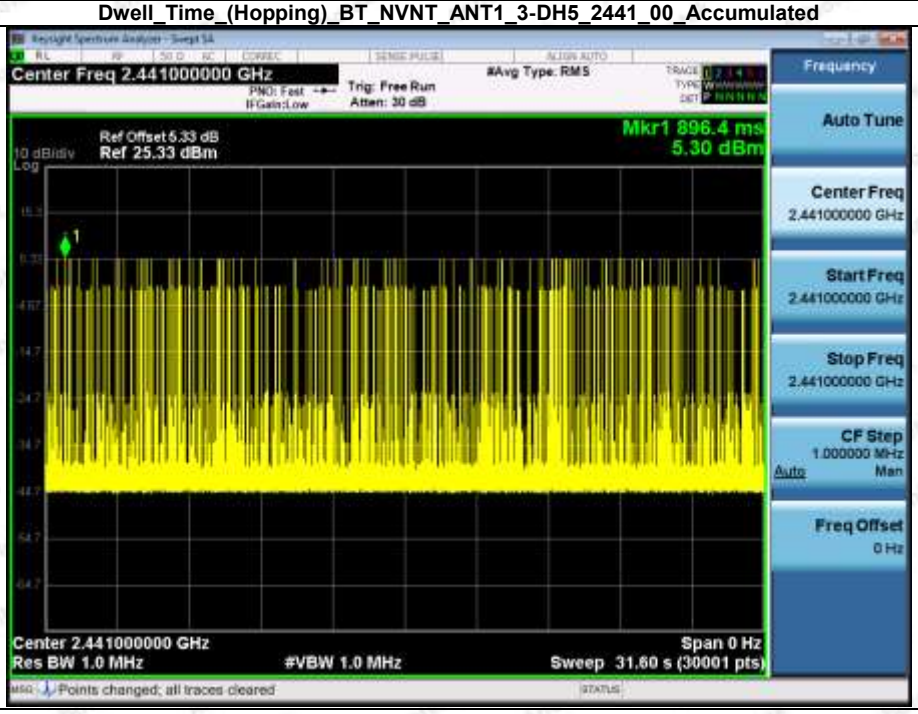

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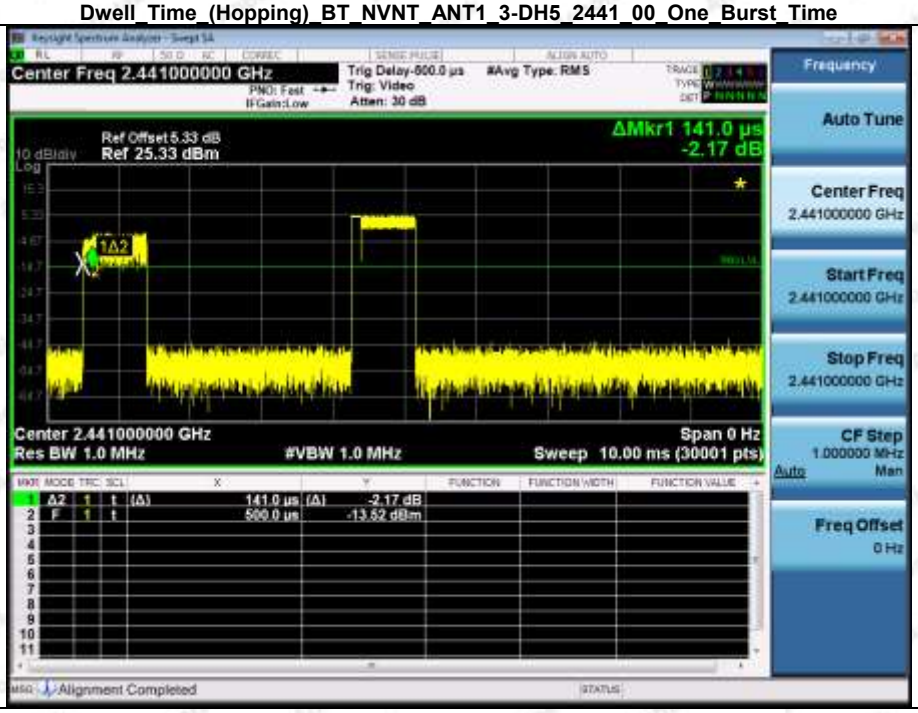

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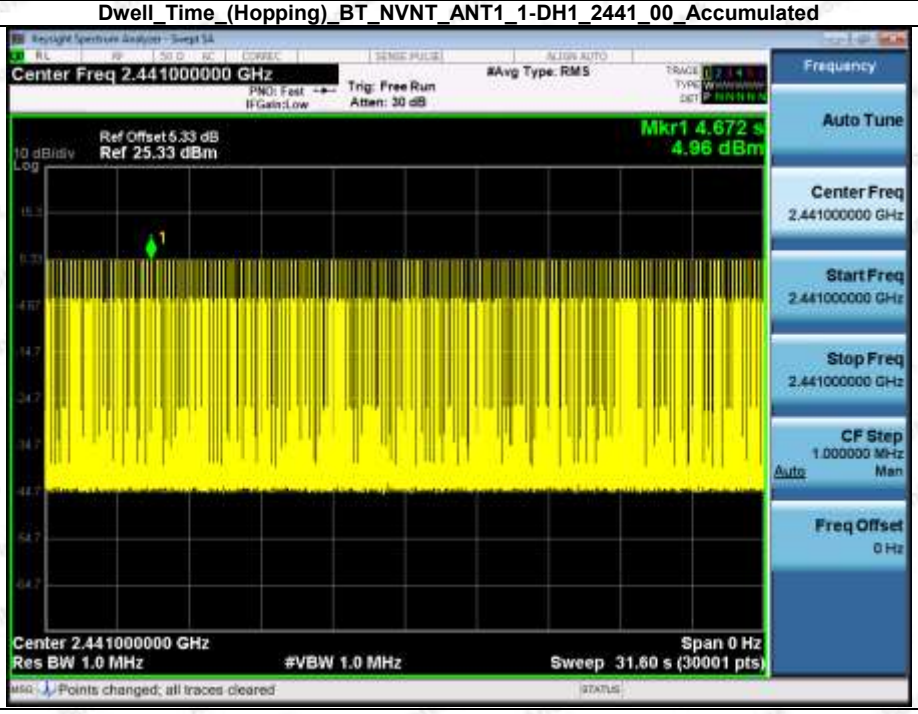

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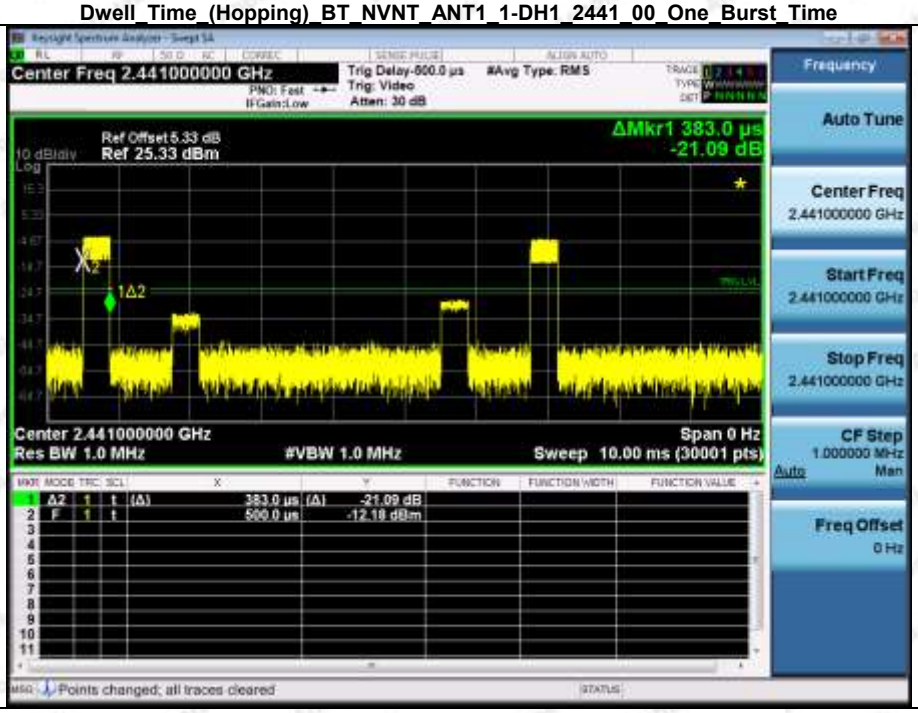

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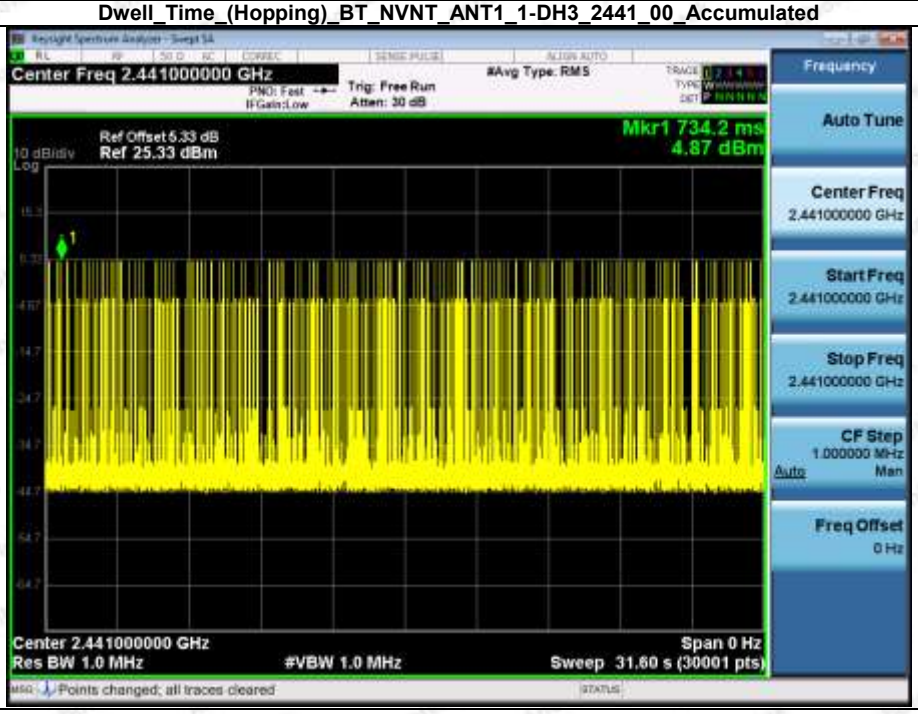

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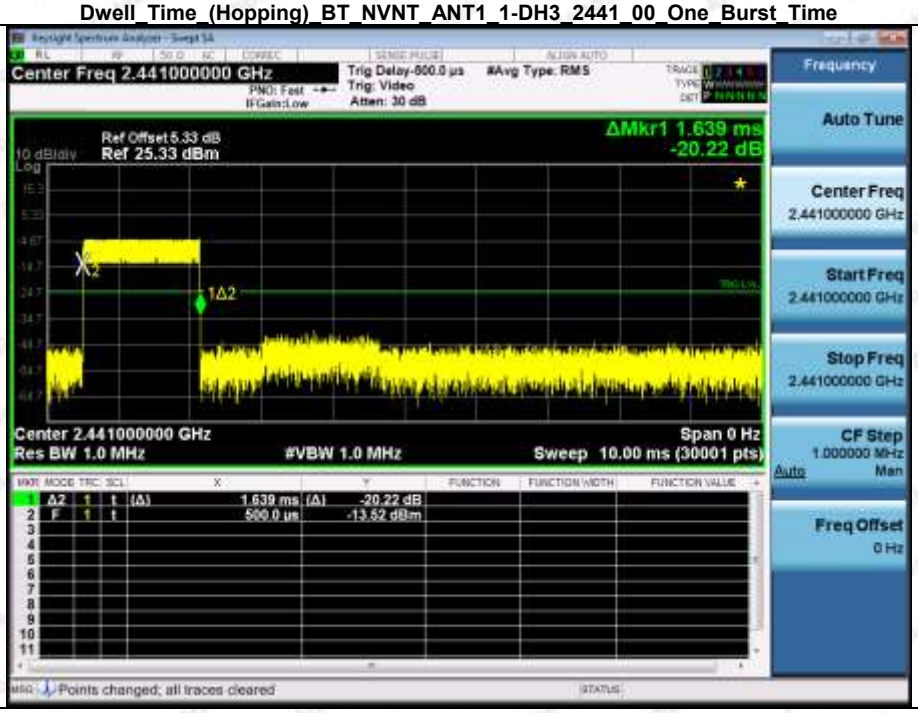

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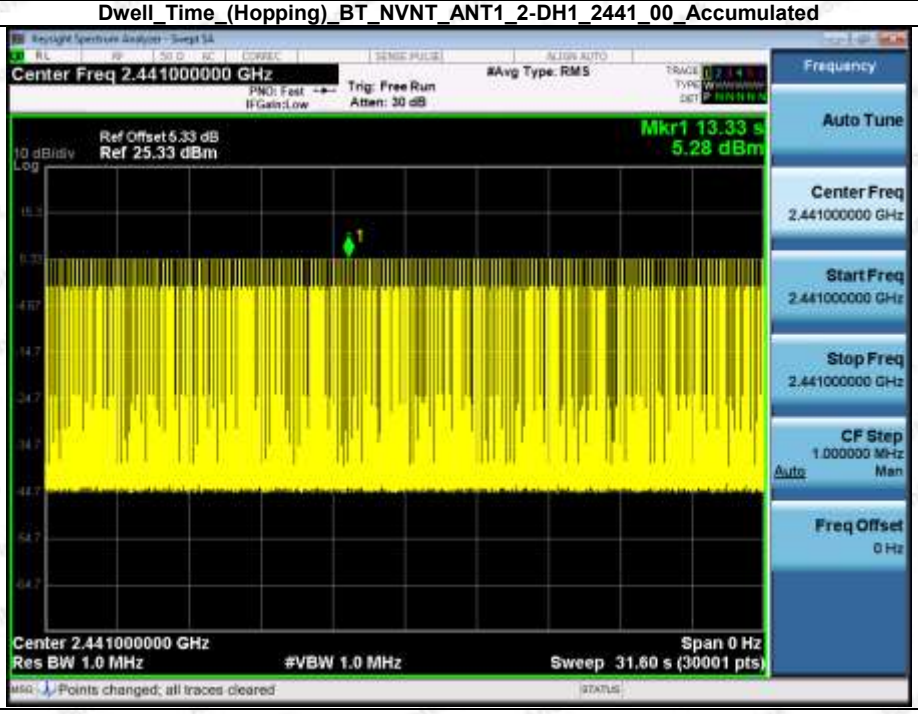

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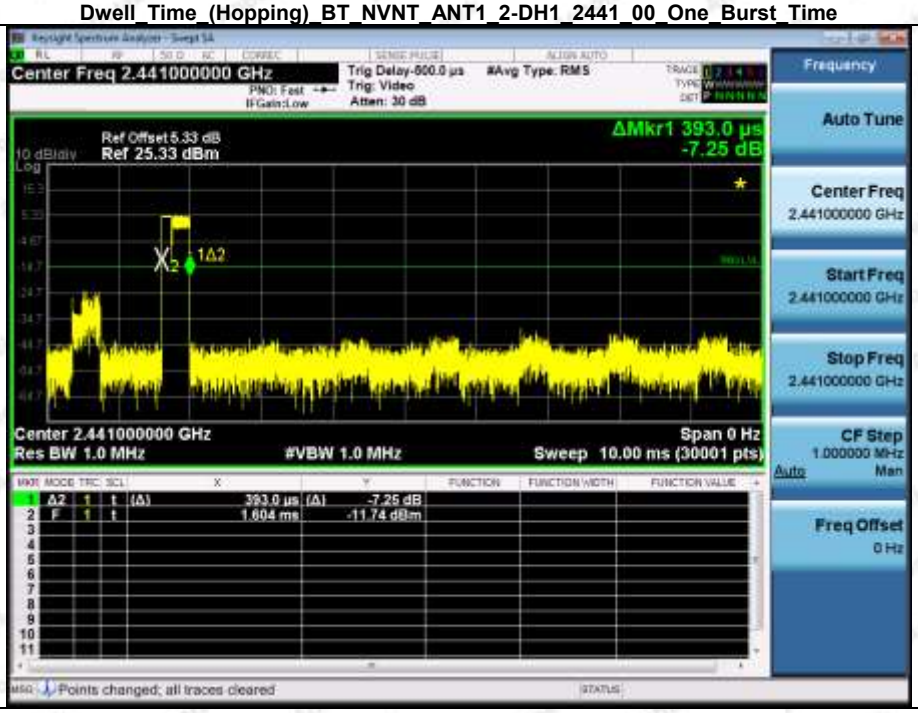
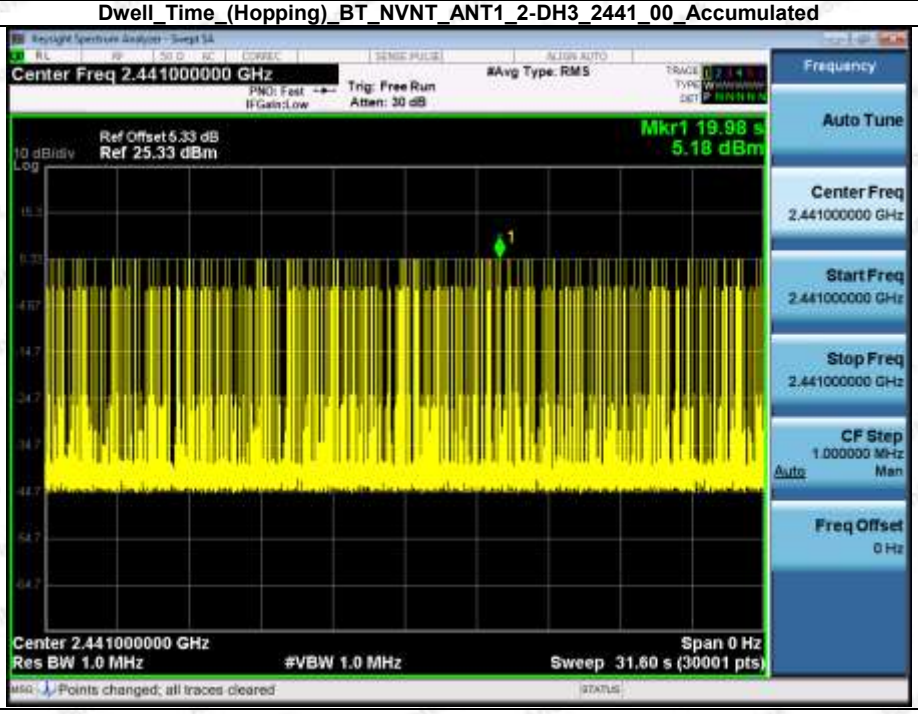
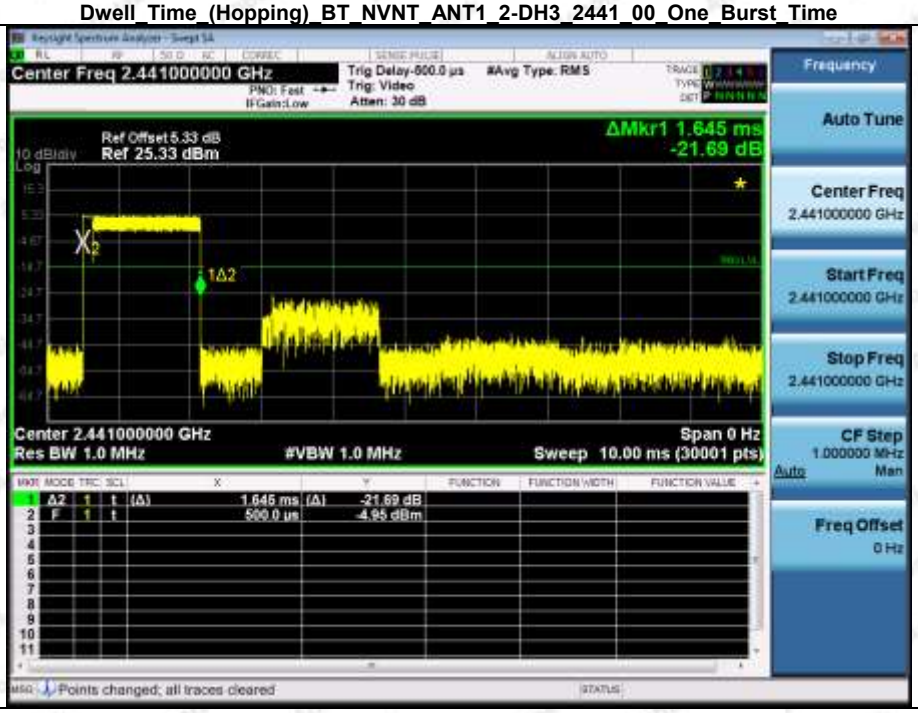


Dwell_Time_(Hopping)_BT_NVNT_ANT1_2-DH3_2441_00_Accumulated


Dwell_Time_(Hopping)_BT_NVNT_ANT1_2-DH3_2441_00_One_Burst_Time


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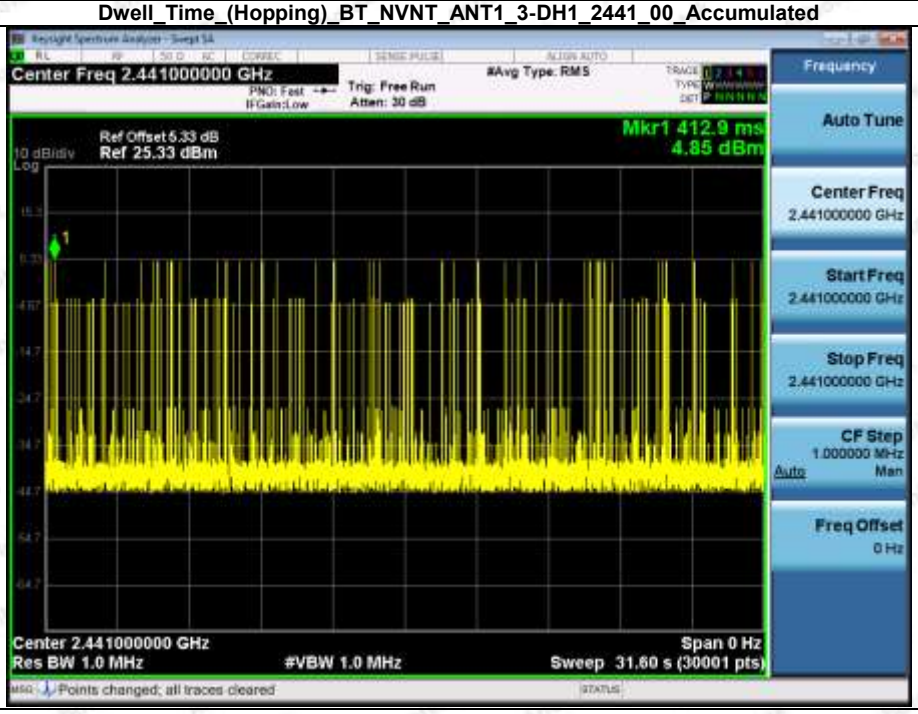

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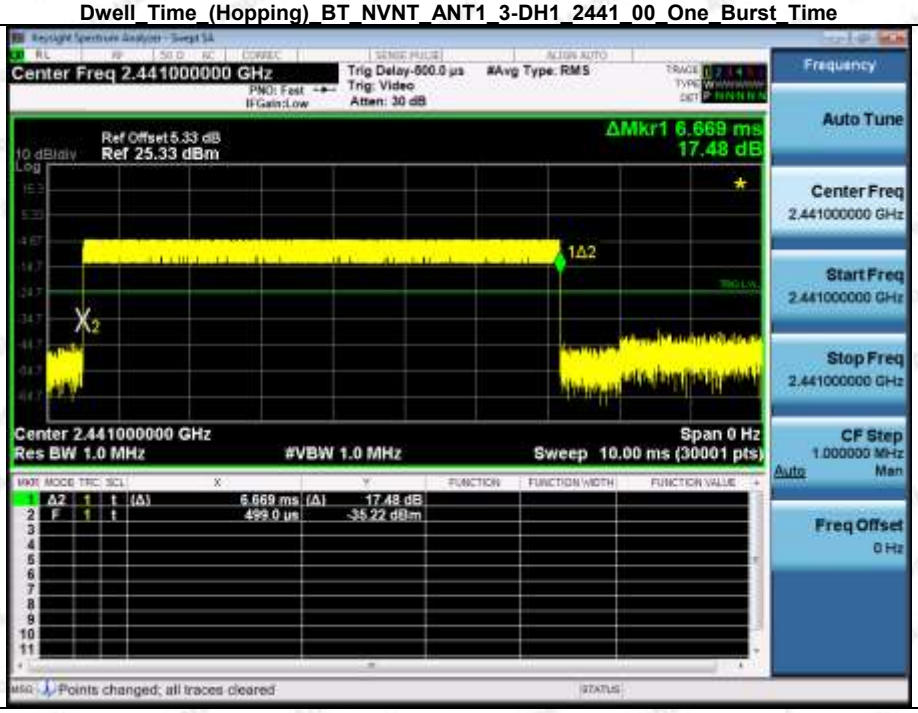

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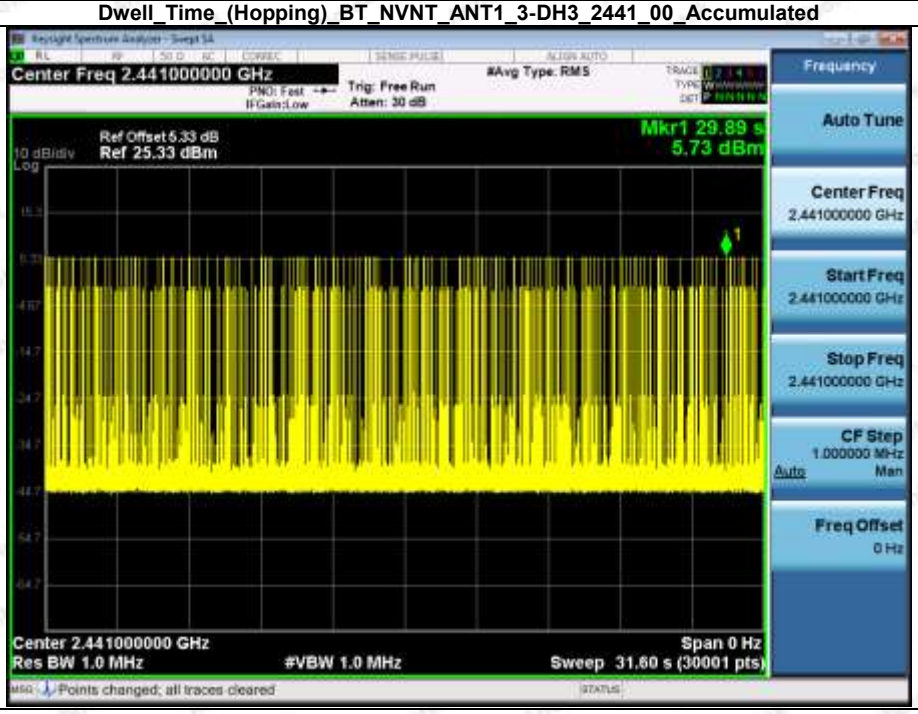
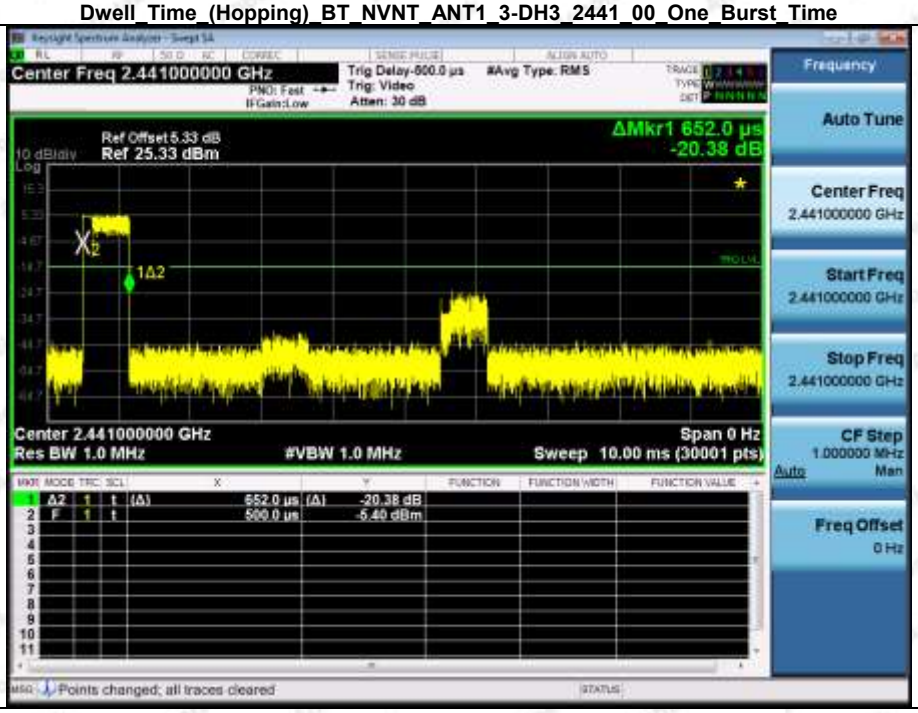


Dwell_Time_(Hopping)_BT_NVNT_ANT1_3-DH3_2441_00_One_Burst_Time


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