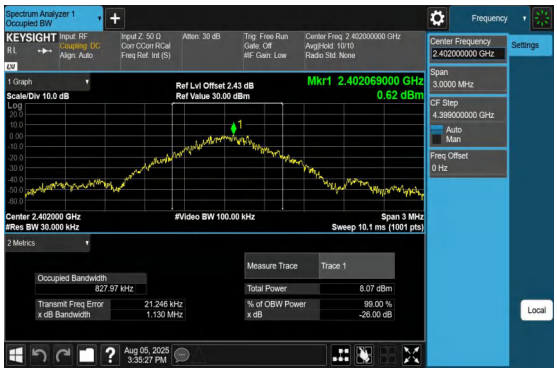
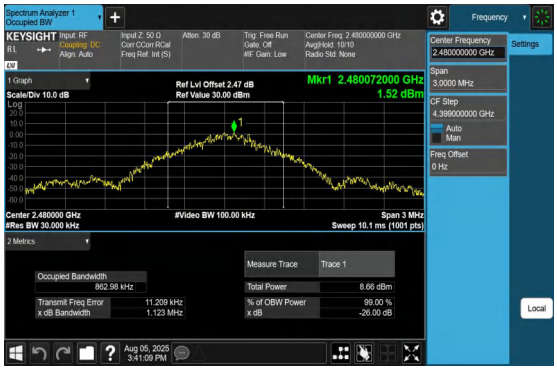
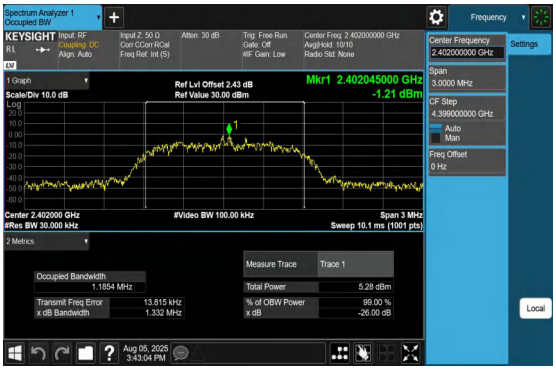
	
3DH5-Ant1-2480	/
	/

99% Bandwidth

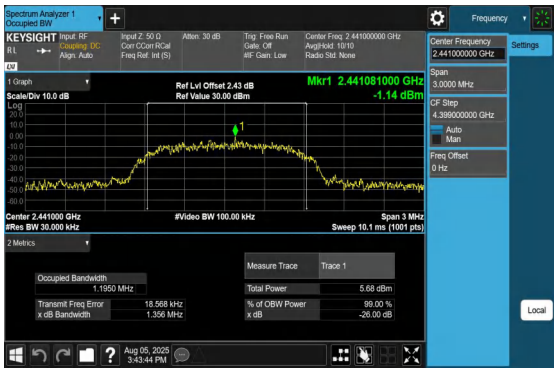
DH5-Ant1-2402	DH5-Ant1-2441
	
DH5-Ant1-2480	2DH5-Ant1-2402



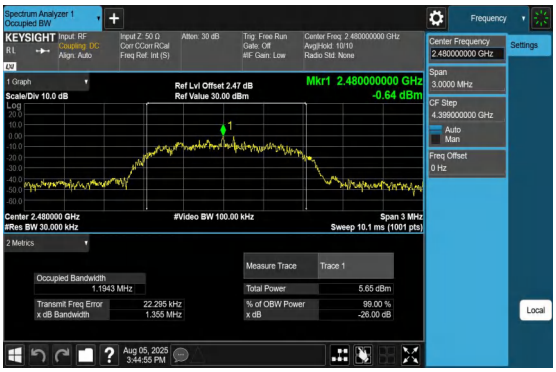
2DH5-Ant1-2441



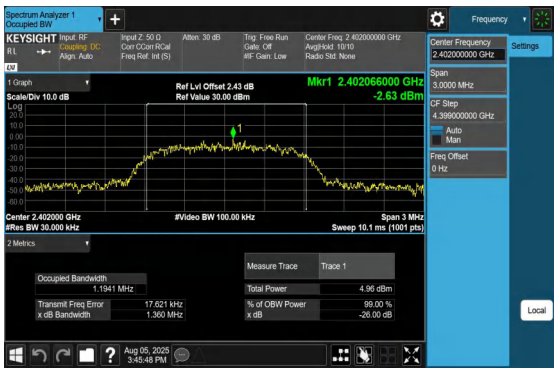
2DH5-Ant1-2480



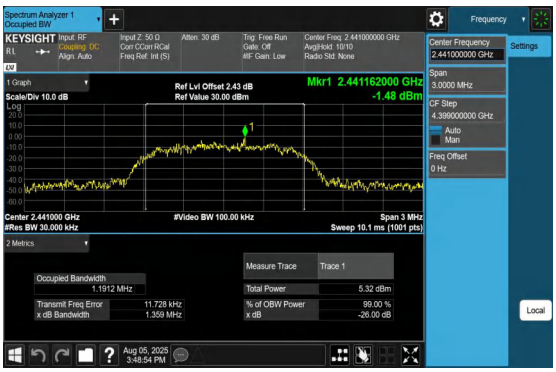
3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480



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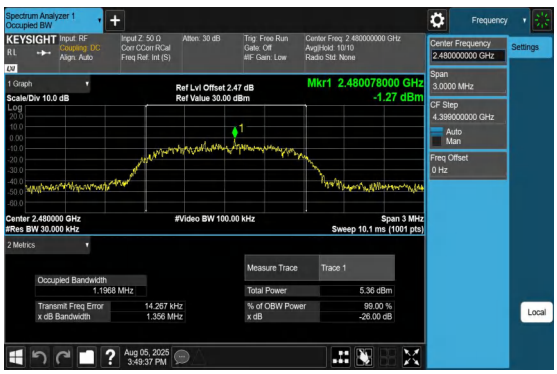


/

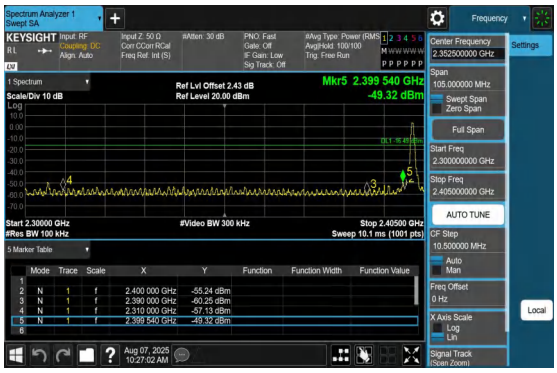
A.3 Conducted Band Edges Measurement

Test Result

Test Mode	Antenna	Ch Name	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Low	2402	3.51	-49.32	≤-16.49	PASS
DH5	Ant1	High	2480	3.62	-51.07	≤-16.38	PASS
DH5	Ant1	Low	Hop_2402	2.43	-47.13	≤-17.57	PASS
DH5	Ant1	High	Hop_2480	2.62	-43.65	≤-17.39	PASS
2DH5	Ant1	Low	2402	-0.77	-47.85	≤-20.77	PASS
2DH5	Ant1	High	2480	0.29	-53.16	≤-19.71	PASS
2DH5	Ant1	Low	Hop_2402	-4.84	-50.08	≤-24.84	PASS
2DH5	Ant1	High	Hop_2480	1.15	-47.35	≤-18.85	PASS
3DH5	Ant1	Low	2402	-1.18	-51.14	≤-21.18	PASS
3DH5	Ant1	High	2480	0.44	-53.3	≤-19.56	PASS
3DH5	Ant1	Low	Hop_2402	-5.59	-50.24	≤-25.59	PASS
3DH5	Ant1	High	Hop_2480	-0.88	-45.38	≤-20.88	PASS

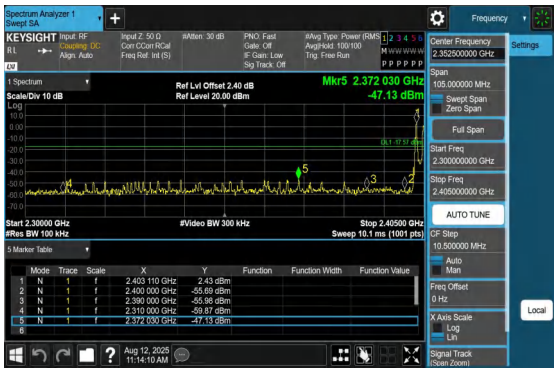
Test Graphs

DH5-Ant1-2402-PASS

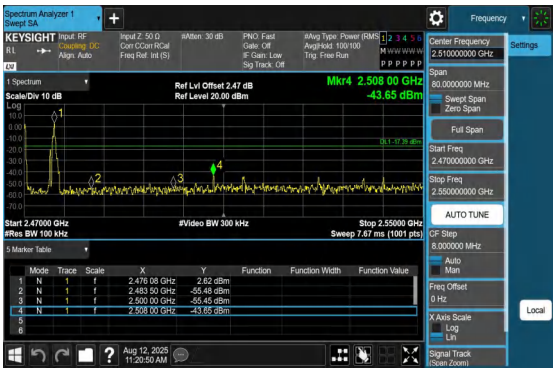


DH5-Ant1-2480-PASS

DH5-Ant1-Hop_2402-PASS

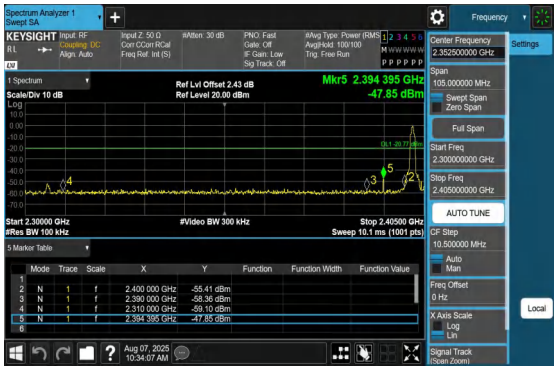


DH5-Ant1-Hop_2480-PASS



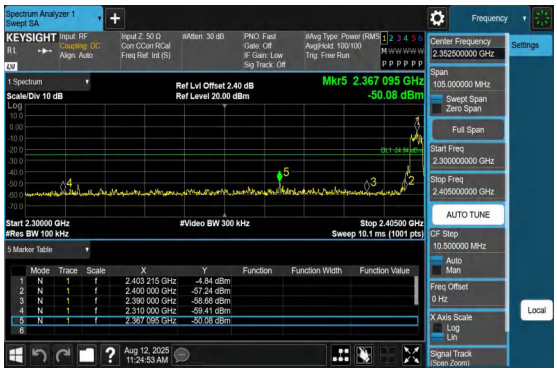
2DH5-Ant1-2402-PASS

2DH5-Ant1-2480-PASS

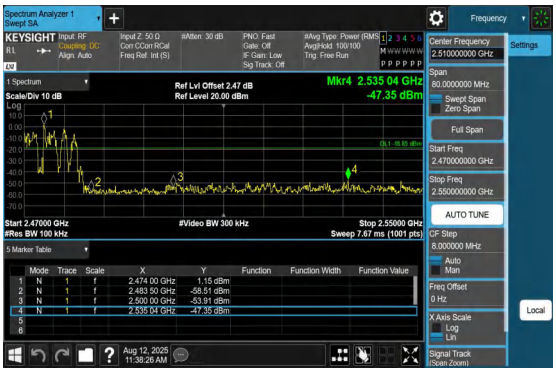


2DH5-Ant1-Hop_2402-PASS

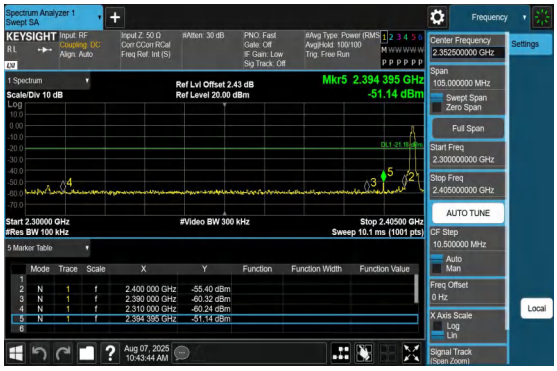
2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS

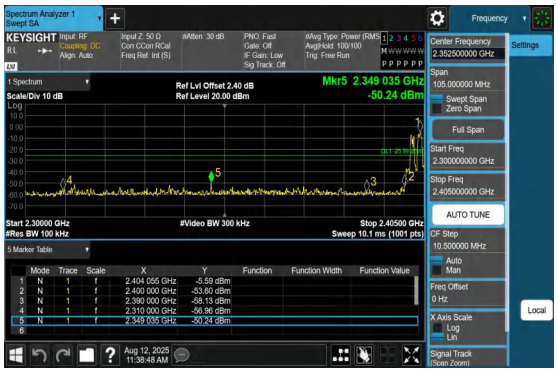


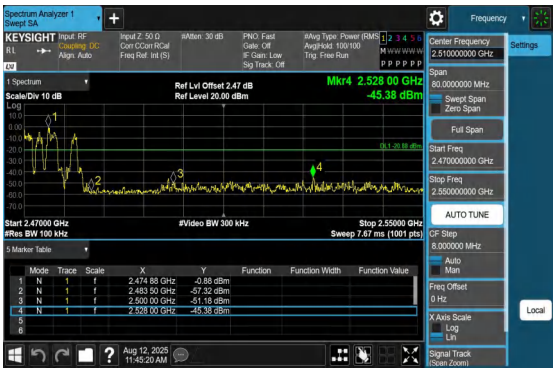
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS

3DH5-Ant1-Hop_2480-PASS





A.4 Dwell Time Measurement

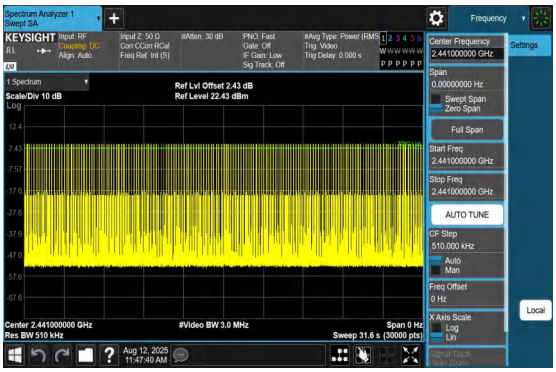
Test Result

Test Mode	Antenna	Frequency[MHz]	Burst Width[ms]	Total Hops[Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	319	0.124	≤0.4	PASS
DH3	Ant1	Hop	1.640	152	0.249	≤0.4	PASS
DH5	Ant1	Hop	2.890	100	0.289	≤0.4	PASS
2DH1	Ant1	Hop	0.400	319	0.128	≤0.4	PASS
2DH3	Ant1	Hop	1.640	155	0.254	≤0.4	PASS
2DH5	Ant1	Hop	2.900	113	0.328	≤0.4	PASS
3DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.650	155	0.256	≤0.4	PASS
3DH5	Ant1	Hop	2.900	116	0.336	≤0.4	PASS

Test Graphs

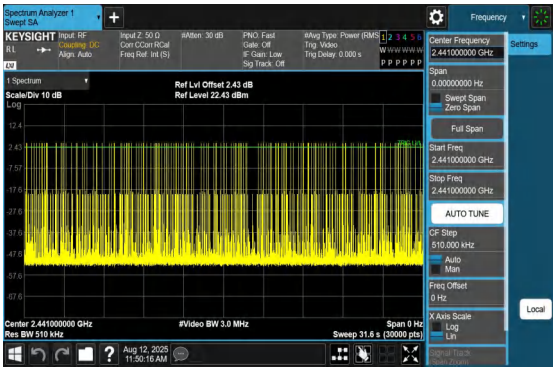
DH1-Ant1-Hop-PASS

DH1-Ant1-Hop-PASS



DH3-Ant1-Hop-PASS

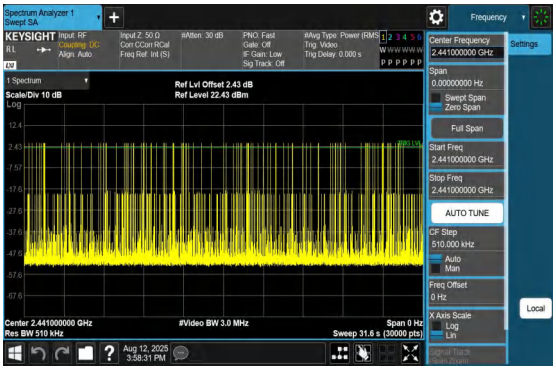
DH3-Ant1-Hop-PASS



DH5-Ant1-Hop-PASS

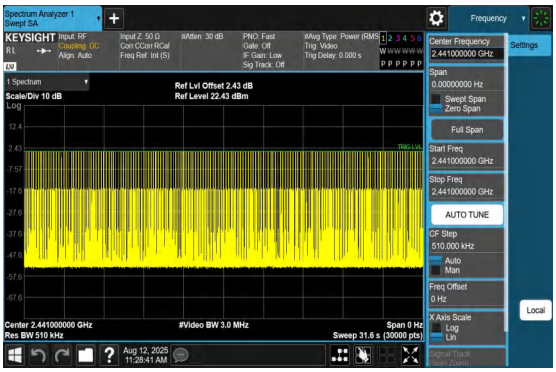
DH5-Ant1-Hop-PASS

2DH1-Ant1-Hop-PASS

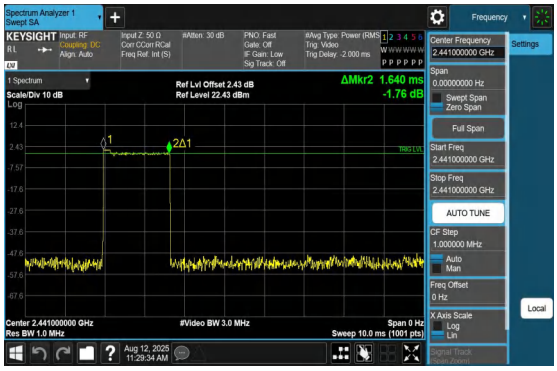


2DH1-Ant1-Hop-PASS

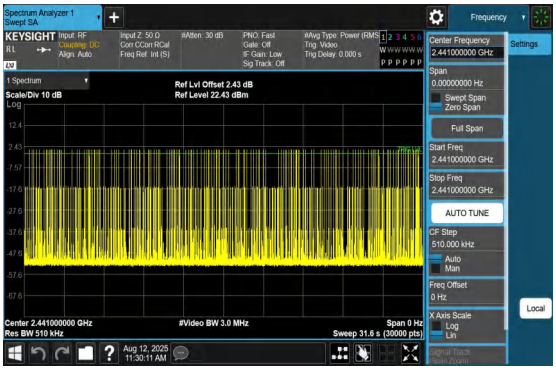
2DH3-Ant1-Hop-PASS



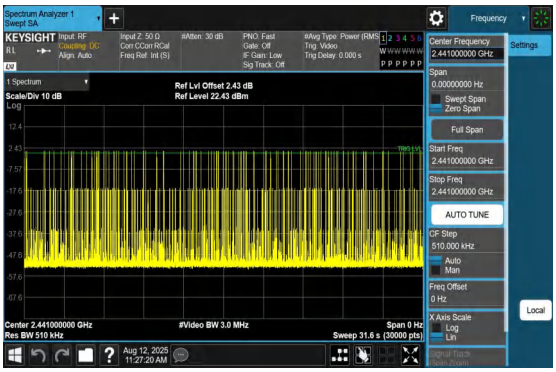
2DH3-Ant1-Hop-PASS

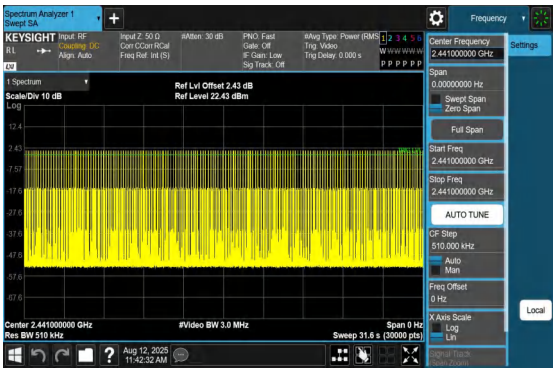
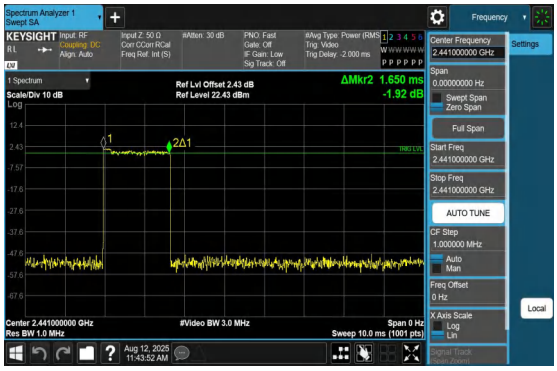
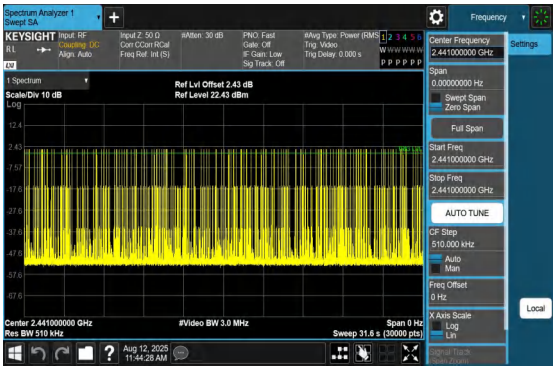
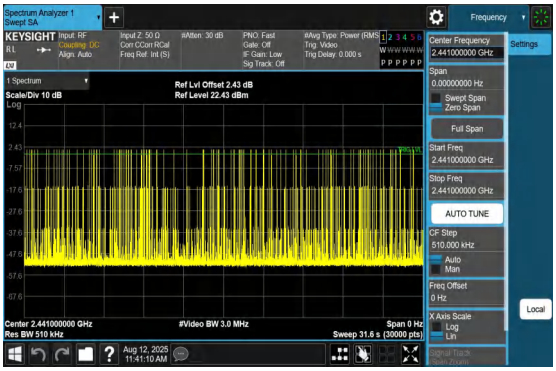


2DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



3DH1-Ant1-Hop-PASS	3DH1-Ant1-Hop-PASS
	
3DH3-Ant1-Hop-PASS	3DH3-Ant1-Hop-PASS
	
3DH5-Ant1-Hop-PASS	3DH5-Ant1-Hop-PASS
	

A.5 Hopping Channel Separation

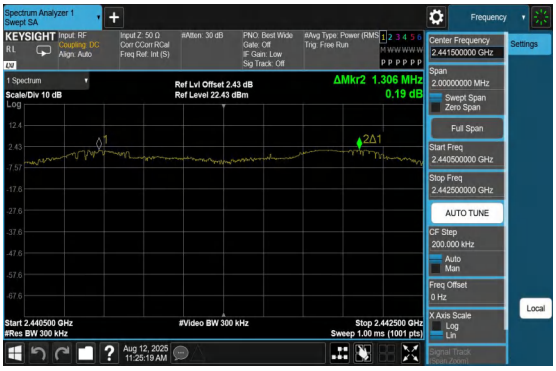
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.328	≥0.858	PASS
2DH5	Ant1	Hop	1.306	≥1.212	PASS
3DH5	Ant1	Hop	1.152	≥0.828	PASS

Test Graphs

DH5-Ant1-Hop-PASS

2DH5-Ant1-Hop-PASS



3DH5-Ant1-Hop-PASS

/

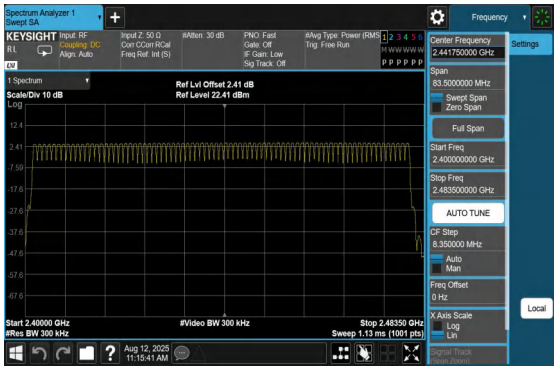
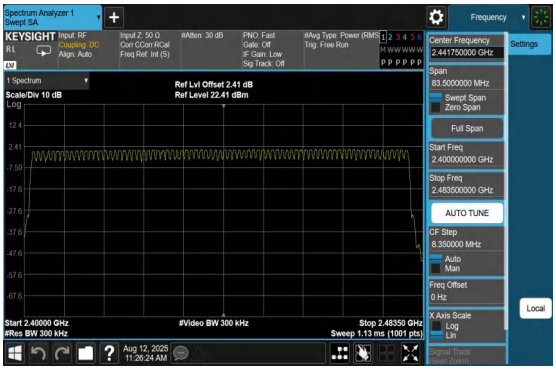
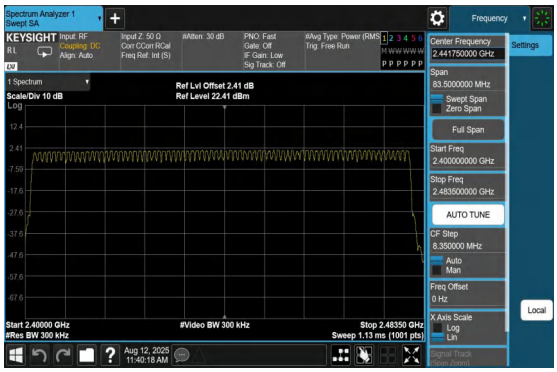
/

A.6 Number of Channel Measurement

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

DH5-Ant1-Hop-PASS	2DH5-Ant1-Hop-PASS
	
3DH5-Ant1-Hop-PASS	/
	/

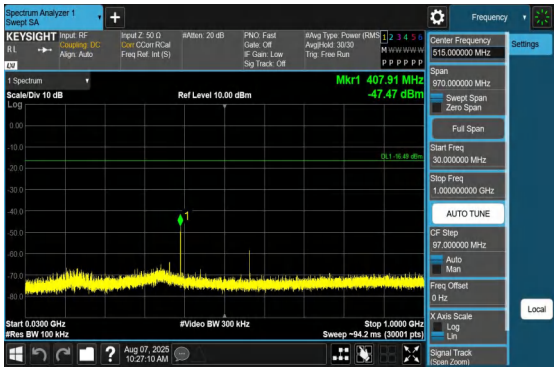
A.7 Conducted Spurious Emission Measurement

Test Result

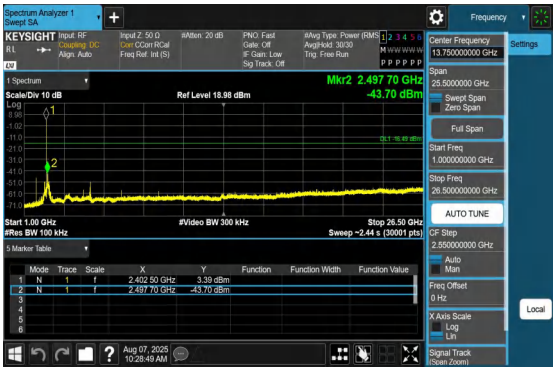
Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	30~1000	3.51	-47.47	≤-16.49	PASS
DH5	Ant1	2402	1000~26500	3.51	-43.7	≤-16.49	PASS
DH5	Ant1	2441	30~1000	4.16	-64.7	≤-15.84	PASS
DH5	Ant1	2441	1000~26500	4.16	-44.09	≤-15.84	PASS
DH5	Ant1	2480	30~1000	3.62	-55.2	≤-16.38	PASS
DH5	Ant1	2480	1000~26500	3.62	-45.03	≤-16.38	PASS
2DH5	Ant1	2402	30~1000	-0.77	-59	≤-20.77	PASS
2DH5	Ant1	2402	1000~26500	-0.77	-45.3	≤-20.77	PASS
2DH5	Ant1	2441	30~1000	0.10	-48.58	≤-19.9	PASS
2DH5	Ant1	2441	1000~26500	0.10	-42.53	≤-19.9	PASS
2DH5	Ant1	2480	30~1000	0.29	-52.01	≤-19.71	PASS
2DH5	Ant1	2480	1000~26500	0.29	-47.13	≤-19.71	PASS
3DH5	Ant1	2402	30~1000	-1.18	-63.88	≤-21.18	PASS
3DH5	Ant1	2402	1000~26500	-1.18	-48.62	≤-21.18	PASS
3DH5	Ant1	2441	30~1000	0.23	-62.24	≤-19.77	PASS
3DH5	Ant1	2441	1000~26500	0.23	-45.27	≤-19.77	PASS
3DH5	Ant1	2480	30~1000	0.44	-50.17	≤-19.56	PASS
3DH5	Ant1	2480	1000~26500	0.44	-46.42	≤-19.56	PASS

Test Graphs

DH5-Ant1-2402-30~1000-PASS

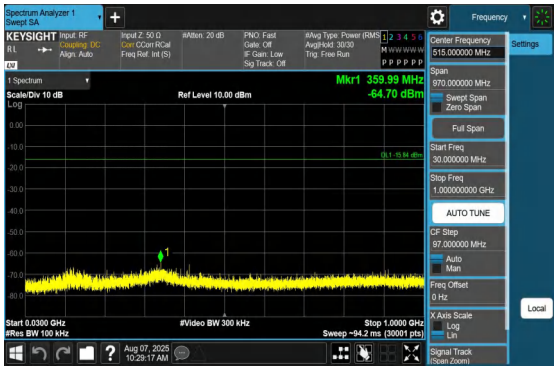


DH5-Ant1-2402-1000~26500-PASS

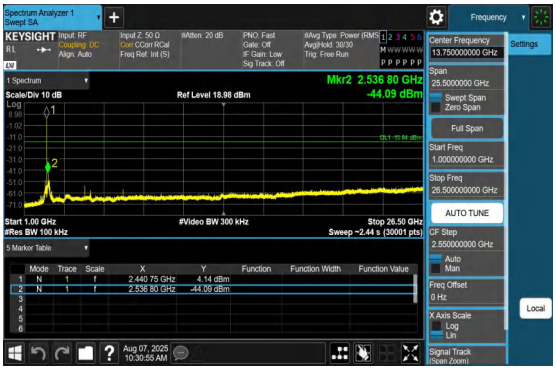


DH5-Ant1-2441-30~1000-PASS

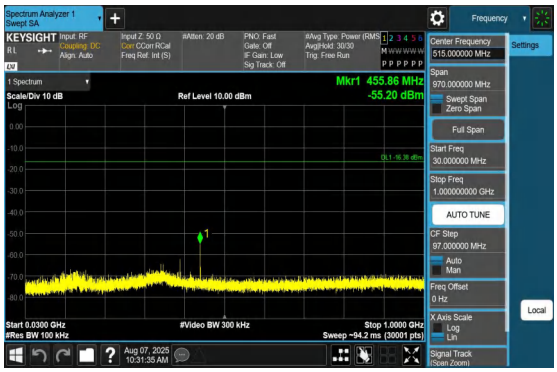
DH5-Ant1-2441-1000~26500-PASS



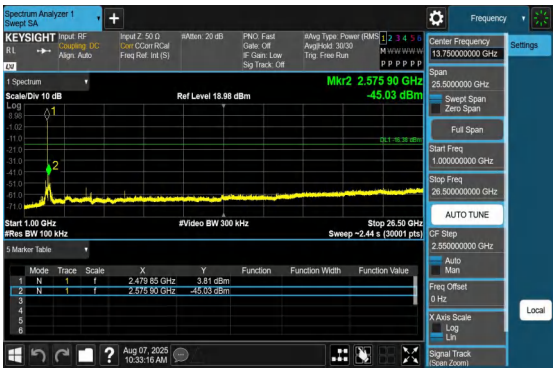
DH5-Ant1-2480-30~1000-PASS



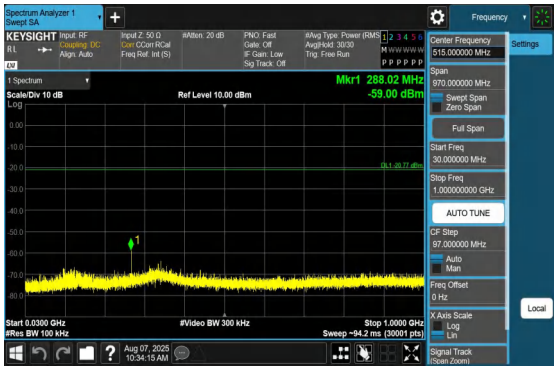
DH5-Ant1-2480-1000~26500-PASS



2DH5-Ant1-2402-30~1000-PASS

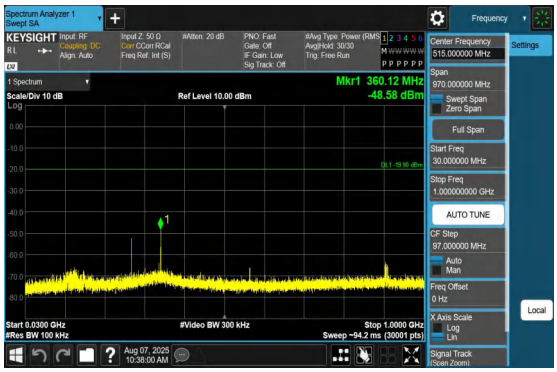


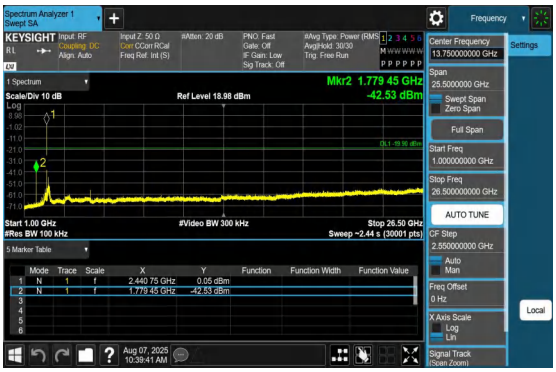
2DH5-Ant1-2402-1000~26500-PASS

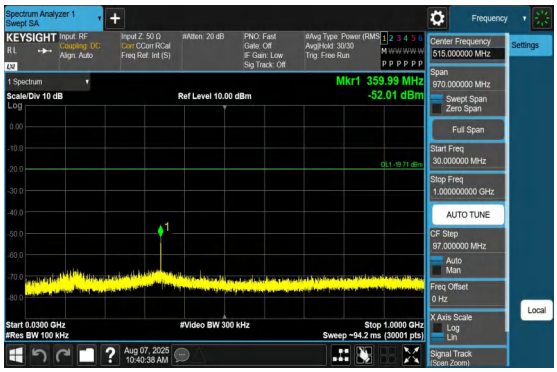
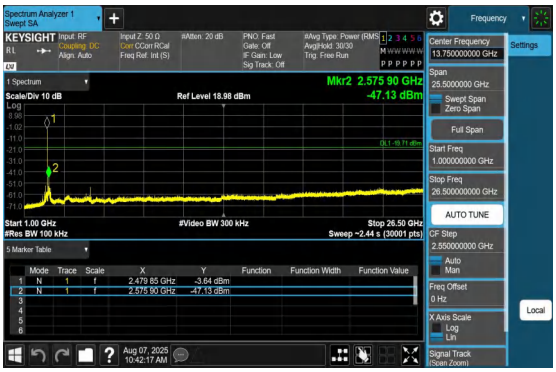
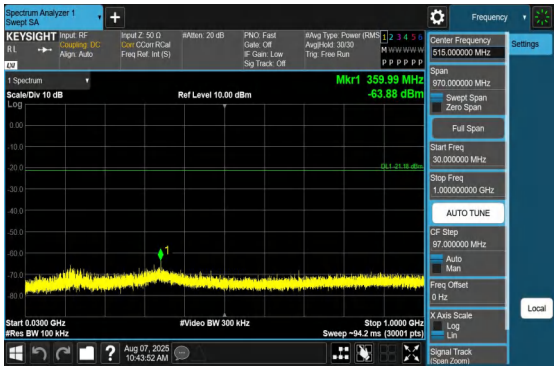
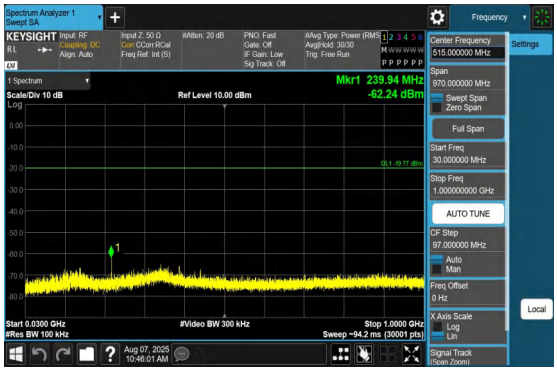
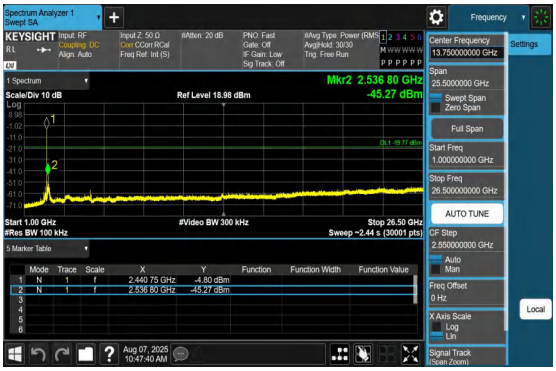


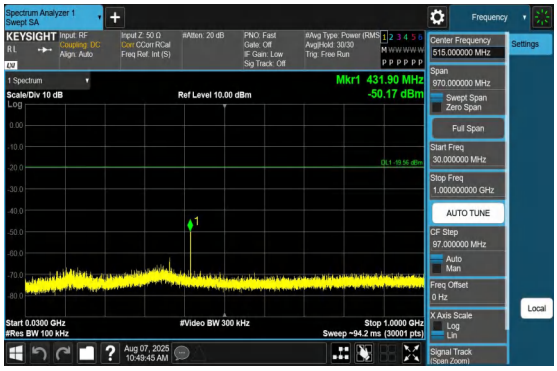
2DH5-Ant1-2441-30~1000-PASS

2DH5-Ant1-2441-1000~26500-PASS





2DH5-Ant1-2480-30~1000-PASS	2DH5-Ant1-2480-1000~26500-PASS
	
3DH5-Ant1-2402-30~1000-PASS	3DH5-Ant1-2402-1000~26500-PASS
	
3DH5-Ant1-2441-30~1000-PASS	3DH5-Ant1-2441-1000~26500-PASS
	
3DH5-Ant1-2480-30~1000-PASS	3DH5-Ant1-2480-1000~26500-PASS


Spectrum Analyzer 1
Swept SA
KEYSIGHT
Frequency
Center Frequency
515.000000 MHz
Span
970.000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
AUTO TUNE
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Settings
Local
1 Spectrum
Scale/Div 10 dB
Ref Level 10.00 dBm
Mkr1 431.90 MHz
-50.17 dBm
Start 0.0300 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 1.0000 GHz
Sweep ~94.2 ms (30001 pts)
Aug 07, 2025
10:49:45 AM


Spectrum Analyzer 1
Swept SA
KEYSIGHT
Frequency
Center Frequency
13.750000000 GHz
Span
25.5000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
AUTO TUNE
CF Step
2.550000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Settings
Local
1 Spectrum
Scale/Div 10 dB
Ref Level 18.98 dBm
Mkr2 2.575 90 GHz
-46.42 dBm
Start 1.00 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 26.50 GHz
Sweep ~2.44 s (30001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 2.479 85 GHz -0.21 dBm
2 N 1 f 2.575 90 GHz -46.42 dBm
Aug 07, 2025
10:51:24 AM

A.8 Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.91	3.75	77.60	1.10
DH5	Ant1	2441	2.91	3.75	77.60	1.10
DH5	Ant1	2480	2.91	3.75	77.60	1.10
2DH5	Ant1	2402	2.92	3.75	77.87	1.09
2DH5	Ant1	2441	2.92	3.75	77.87	1.09
2DH5	Ant1	2480	2.92	3.75	77.87	1.09
3DH5	Ant1	2402	2.92	3.75	77.87	1.09
3DH5	Ant1	2441	2.92	3.75	77.87	1.09
3DH5	Ant1	2480	2.92	3.75	77.87	1.09

Note:

Duty cycle=on time/100ms=2*2.92/100=5.84%

Duty cycle Correction factor= 20*log(Duty cycle)= -24.67dB

Test Graphs

NTNV-DH5-Ant1-2402

NTNV-DH5-Ant1-2441

NTNV-DH5-Ant1-2480

NTNV-2DH5-Ant1-2402

NTNV-2DH5-Ant1-2441

NTNV-2DH5-Ant1-2480

	
NTNV-3DH5-Ant1-2402	NTNV-3DH5-Ant1-2441
	
NTNV-3DH5-Ant1-2480	/
	/

ANNEX B: Test Results of Radiated Test

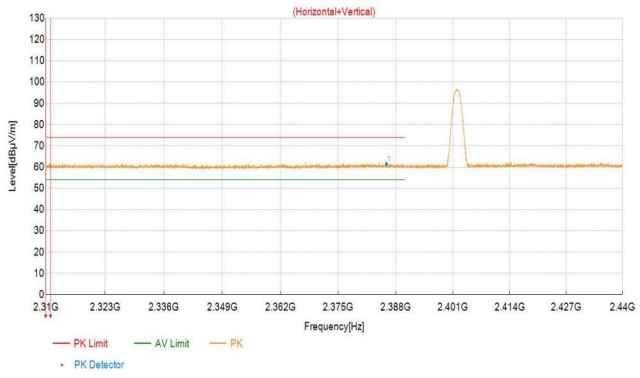
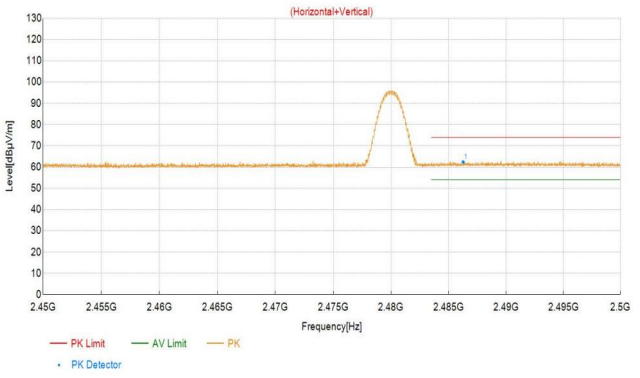
B.1 Radiated Band Edges and Spurious Emission

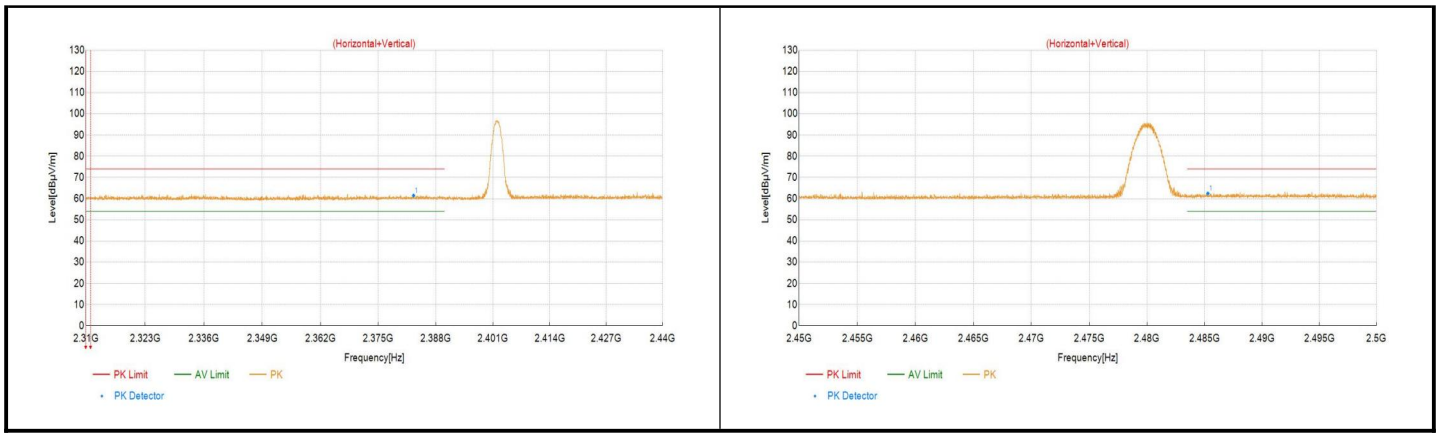
Test Result_Band Edges

Note:Both vertical and horizontal polarities have been evaluated, and the test data only shows the worst-case. Level=Reading+Factor; Margin=Limit-Level; V=Vertical , H=Horizontal.

Data List								
Test Mode	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Pol.	Det
BT_DH1_2402	2385.92	49.29	61.46	12.17	74.00	12.54	V	PK
	2385.92	-	36.79	-	54.00	17.21	V	AV
BT_DH1_2480	2486.275	49.58	62.37	12.79	74.00	11.63	V	PK
	2486.275	-	37.70	-	54.00	16.30	V	AV
BT_2DH1_2402	2382.995	49.27	61.47	12.20	74.00	12.53	H	PK
	2382.995	-	36.80	-	54.00	17.20	H	AV
BT_2DH1_2480	2485.3	49.66	62.45	12.79	74.00	11.55	V	PK
	2485.3	-	37.78	-	54.00	16.22	V	AV

Test Graphs_Band Edges

BT_DH1_2402	BT_DH1_2480
	
BT_2DH1_2402	BT_2DH1_2480


(Horizontal+Vertical)
Level[dBμV/m]
Frequency[Hz]
PK Limit
AV Limit
PK
PK Detector
(Horizontal+Vertical)
Level[dBμV/m]
Frequency[Hz]
PK Limit
AV Limit
PK
PK Detector

Test Result_Spurious Emission

Note1: Test result Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier the Emissions in the frequency band 9kHz-30MHz and 18GHz-26.5GHz are more than 20dB below the limit are not reported.

Note2: Both vertical and horizontal polarities have been evaluated, and the test data only shows the worst-case. Level=Reading+Factor; Margin=Limit-Level; V=Vertical , H=Horizontal.

Data List

Test Mode	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Pol.	Det
BT_DH5_2402	4804	46.42	53.76	7.34	74.00	20.24	V	PK
	7206	42.61	56.29	13.68	74.00	17.71	V	PK
	9608	34.38	47.29	12.91	74.00	26.71	V	PK
	12010	32.76	47.40	14.64	74.00	26.60	V	PK
	14412	31.04	47.42	16.38	74.00	26.58	V	PK
	16814	30.73	52.55	21.82	74.00	21.45	H	PK
	4804	-	29.09	-	54.00	24.91	V	AV
	7206	-	31.62	-	54.00	22.38	V	AV
	9608	-	22.62	-	54.00	31.38	V	AV
	12010	-	22.73	-	54.00	31.27	V	AV
	14412	-	22.75	-	54.00	31.25	V	AV
	16814	-	27.88	-	54.00	26.12	H	AV
BT_DH5_2441	4882	44.44	51.80	7.36	74.00	22.20	V	PK
	7323	42.27	56.20	13.93	74.00	17.80	H	PK
	9764	34.00	47.84	13.84	74.00	26.16	H	PK
	12205	33.33	47.16	13.83	74.00	26.84	V	PK
	14646	31.40	48.76	17.36	74.00	25.24	V	PK
	17087	29.71	53.03	23.32	74.00	20.97	V	PK
	4882	-	27.13	-	54.00	26.87	V	AV
	7323	-	31.53	-	54.00	22.47	H	AV
	9764	-	23.17	-	54.00	30.83	H	AV
	12205	-	22.49	-	54.00	31.51	V	AV

	14646	-	24.09	-	54.00	29.91	V	AV
	17087	-	28.36	-	54.00	25.64	V	AV
BT_DH5_2480	4960	43.58	50.97	7.39	74.00	23.03	V	PK
	7440	42.20	56.67	14.47	74.00	17.33	H	PK
	9920	33.61	47.40	13.79	74.00	26.60	H	PK
	12400	32.68	47.47	14.79	74.00	26.53	H	PK
	14880	32.11	49.29	17.18	74.00	24.71	H	PK
	17360	31.20	54.55	23.35	74.00	19.45	H	PK
	4960	-	26.30	-	54.00	27.70	V	AV
	7440	-	32.00	-	54.00	22.00	H	AV
	9920	-	22.73	-	54.00	31.27	H	AV
	12400	-	22.80	-	54.00	31.20	H	AV
	14880	-	24.62	-	54.00	29.38	H	AV
	17360	-	29.88	-	54.00	24.12	H	AV
BT_2DH5_2402	4804	44.80	52.14	7.34	74.00	21.86	H	PK
	7206	42.17	55.85	13.68	74.00	18.15	H	PK
	9608	33.49	46.40	12.91	74.00	27.60	H	PK
	12010	32.68	47.32	14.64	74.00	26.68	H	PK
	14412	31.80	48.18	16.38	74.00	25.82	H	PK
	16814	31.26	53.08	21.82	74.00	20.92	H	PK
	4804	-	27.47	-	54.00	26.53	H	AV
	7206	-	31.18	-	54.00	22.82	H	AV
	9608	-	21.73	-	54.00	32.27	H	AV
	12010	-	22.65	-	54.00	31.35	H	AV
	14412	-	23.51	-	54.00	30.49	H	AV
	16814	-	28.41	-	54.00	25.59	H	AV
BT_2DH5_2441	4882	44.06	51.42	7.36	74.00	22.58	V	PK
	7323	42.85	56.78	13.93	74.00	17.22	V	PK
	9764	34.14	47.98	13.84	74.00	26.02	H	PK

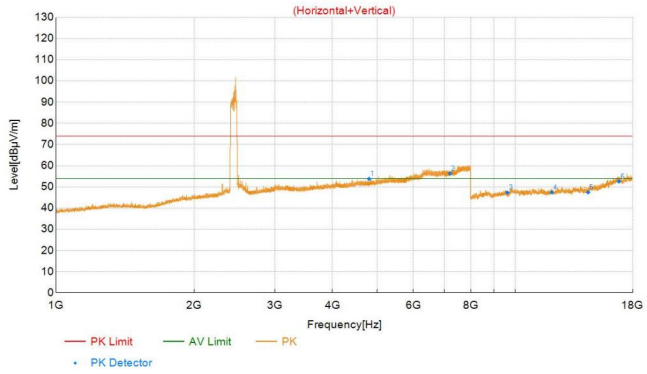
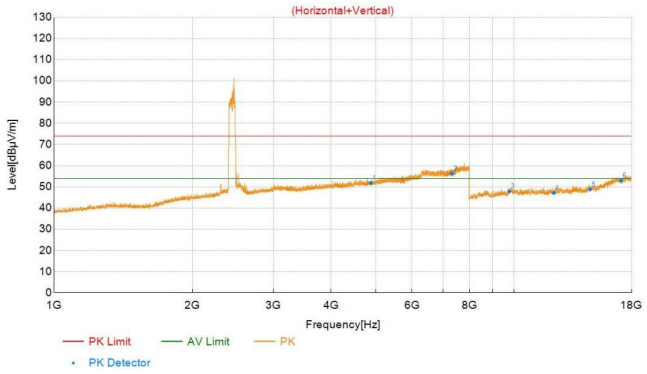
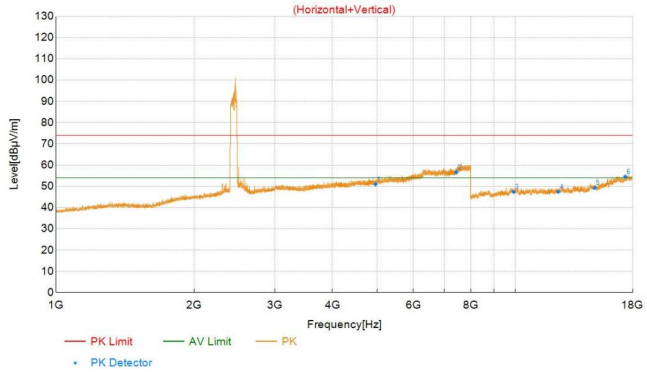
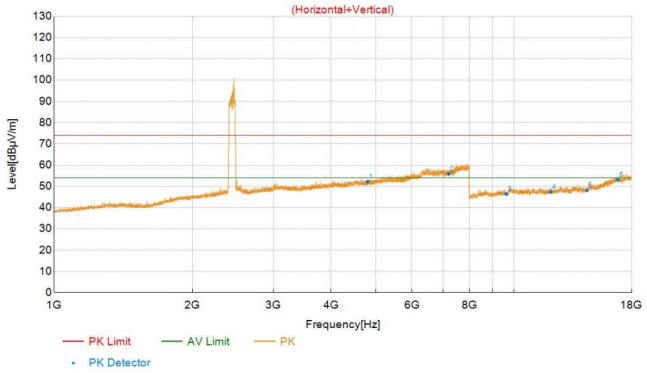
	12205	32.86	46.69	13.83	74.00	27.31	H	PK
	14646	31.92	49.28	17.36	74.00	24.72	H	PK
	17087	29.49	52.81	23.32	74.00	21.19	V	PK
	4882	-	26.75	-	54.00	27.25	V	AV
	7323	-	32.11	-	54.00	21.89	V	AV
	9764	-	23.31	-	54.00	30.69	H	AV
	12205	-	22.02	-	54.00	31.98	H	AV
	14646	-	24.61	-	54.00	29.39	H	AV
	17087	-	28.14	-	54.00	25.86	V	AV
BT_2DH5_2480	4960	44.44	51.83	7.39	74.00	22.17	V	PK
	7440	42.17	56.64	14.47	74.00	17.36	H	PK
	9920	33.59	47.38	13.79	74.00	26.62	V	PK
	12400	33.81	48.60	14.79	74.00	25.40	V	PK
	14880	31.76	48.94	17.18	74.00	25.06	H	PK
	17360	30.56	53.91	23.35	74.00	20.09	H	PK
	4960	-	27.16	-	54.00	26.84	V	AV
	7440	-	31.97	-	54.00	22.03	H	AV
	9920	-	22.71	-	54.00	31.29	V	AV
	12400	-	23.93	-	54.00	30.07	V	AV
	14880	-	24.27	-	54.00	29.73	H	AV
	17360	-	29.24	-	54.00	24.76	H	AV

Data List

Test Mode	Frequency [MHz]	Reading [dBµV]	Level [dBµ V/m]	Factor [dB/m]	Limit [dBµ V/m]	Margin [dB]	Pol.	Det
BT_DH5_2441	35.919888	45.09	27.52	-17.57	40.00	12.48	V	QP
	46.462065	34.51	19.33	-15.18	40.00	20.67	V	QP
	71.165616	33.37	13.78	-19.59	40.00	26.22	V	QP
	179.496993	30.24	12.35	-17.89	43.50	31.15	V	QP

	239.961268	39.90	25.60	-14.30	46.00	20.40	V	QP
	920.942862	23.50	21.13	-2.37	46.00	24.87	H	QP

Test Graphs_Spurious Emission

BT_DH5_2402	BT_DH5_2441
	
BT_DH5_2480	**BT_2DH5_2402**
	
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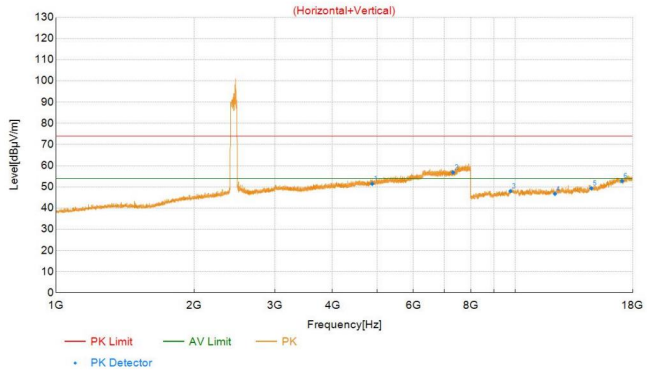
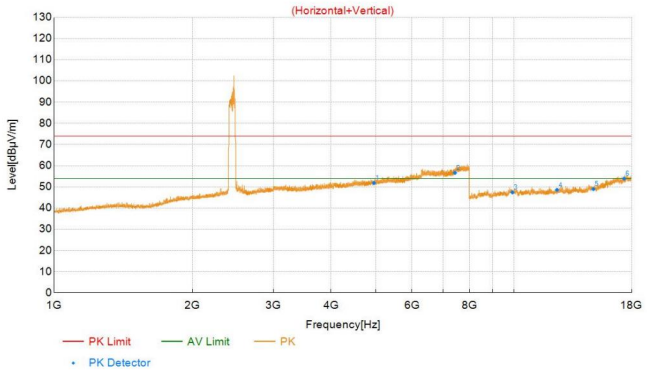
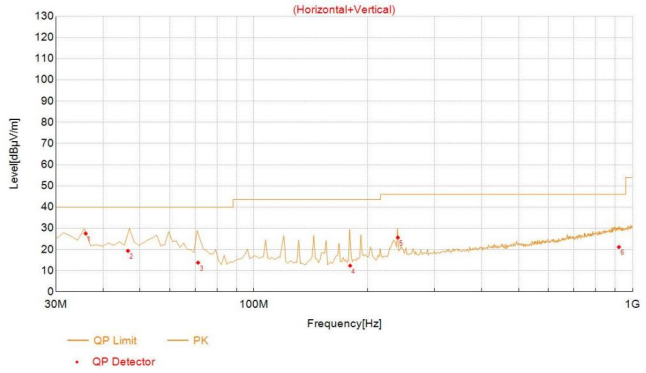
	
BT_DH5_2441	**/**


(Horizontal+Vertical)
Level[dBµV/m]
130
120
110
100
90
80
70
60
50
40
30
20
10
0
30M
100M
1G
Frequency[Hz]
QP Limit
PK
QP Detector

/

ANNEX C: The EUT Appearance

The EUT Appearance (internal and external photographs) are submitted separately.

ANNEX D: Test Setup Photograph

The Test Setup Photographs are submitted separately.