Appendix A: Test Results of Bluetooth BR & EDR

APPENDIX A: TEST RESULTS OF BLUETOOTH BR & EDR **1**

APPENDIX A.1: TEST RESULTS OF 20DB BANDWIDTH 2
Test Result *2*
Test Graphs *3*
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH 5
Test Result *5*
Test Graphs *6*
APPENDIX A.3: TEST RESULTS OF CARRIER FREQUENCY SEPARATION 8
Test Result *8*
Test Graphs *8*
APPENDIX A.4: TEST RESULTS OF TIME OF OCCUPANCY 9
Test Result *9*
Test Graphs *10*
APPENDIX A.5: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY 14
Test Result *14*
Test Graphs *14*
APPENDIX A.6: TEST RESULTS OF BAND EDGE MEASUREMENTS 15
Test Result *15*
Test Graphs *16*
APPENDIX A.7: TEST RESULTS OF CONDUCTED SPURIOUS EMISSION 19
Test Result *19*
Test Graphs *20*
APPENDIX A.8: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS 26
30 MHz - 1GHz *26*
1GHz - 18GHz *28*
30 MHz - 1GHz for co-location *40*
1GHz - 18GHz for co-location *42*
APPENDIX A.9: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS 46

Appendix A.1: Test Results of 20dB Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.948	2401.541	2402.489	---	PASS
		2441	0.945	2440.541	2441.486	---	PASS
		2480	0.951	2479.538	2480.489	---	PASS
3DH5	Ant1	2402	1.281	2401.352	2402.633	---	PASS
		2441	1.317	2440.349	2441.666	---	PASS
		2480	1.272	2479.358	2480.630	---	PASS

Test Graphs

DH5_Ant1_2402

DH5_Ant1_2441

DH5_Ant1_2480

3DH5_Ant1_2402

3DH5_Ant1_2441

3DH5_Ant1_2480

Appendix A.2: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88591	2401.5597	2402.4456	---	PASS
		2441	0.88019	2440.5614	2441.4416	---	PASS
		2480	0.89561	2479.5565	2480.4521	---	PASS
3DH5	Ant1	2402	1.2049	2401.3912	2402.5961	---	PASS
		2441	1.1983	2440.3974	2441.5957	---	PASS
		2480	1.2007	2479.3940	2480.5947	---	PASS

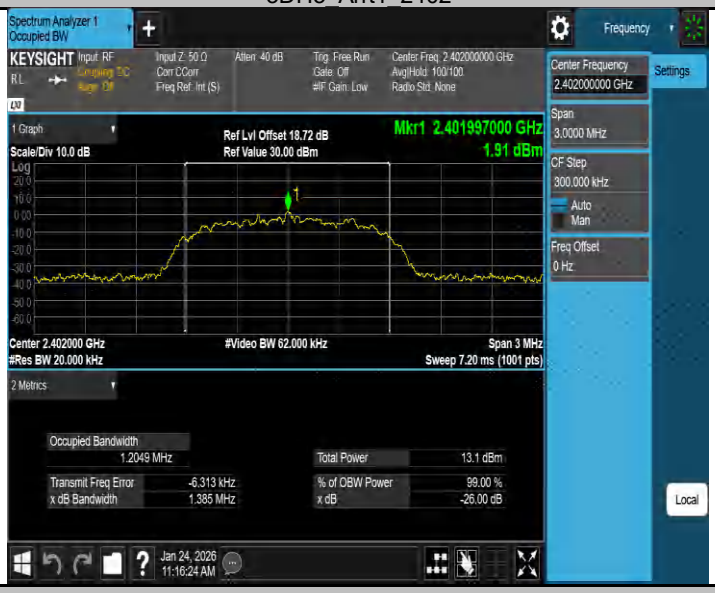
Test Graphs

DH5_Ant1_2402

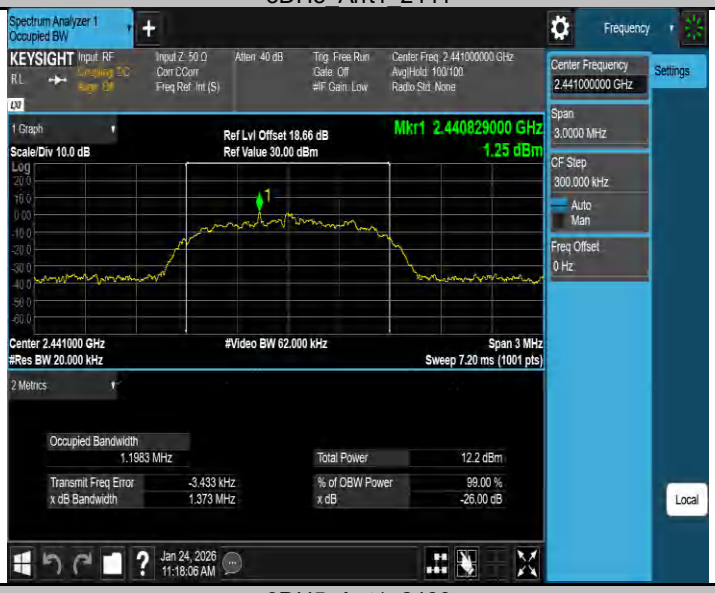
DH5_Ant1_2441

DH5_Ant1_2480

3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

Appendix A.3: Test Results of Carrier Frequency Separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.1	≥0.951	PASS
3DH5	Ant1	Hop	0.992	≥0.878	PASS

Test Graphs

DH5_Ant1_Hop

3DH5_Ant1_Hop

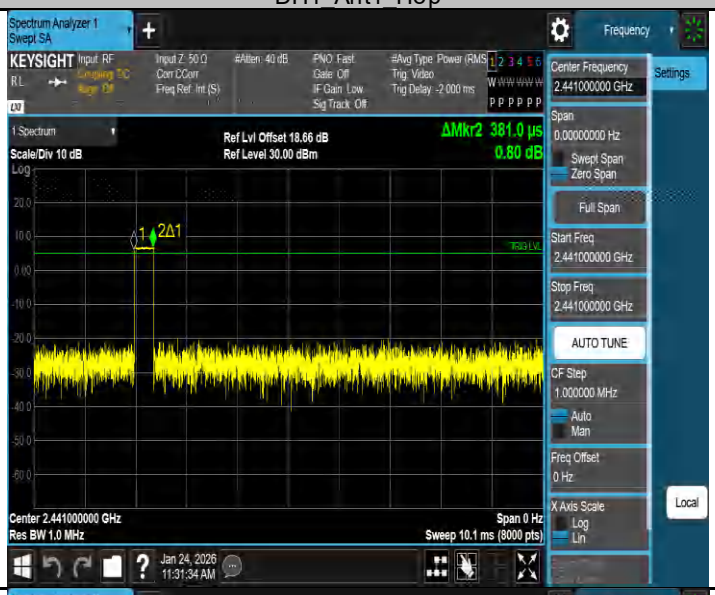
Appendix A.4: Test Results of Time of Occupancy

Test Result

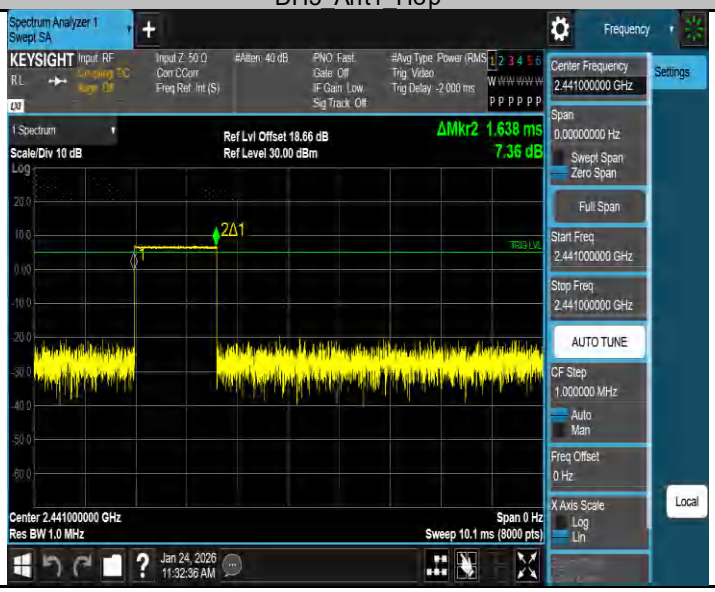
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.381	312	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.638	153	0.251	≤0.4	PASS
DH5	Ant1	Hop	2.885	112	0.323	≤0.4	PASS
3DH1	Ant1	Hop	0.390	313	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.642	157	0.258	≤0.4	PASS
3DH5	Ant1	Hop	2.892	118	0.341	≤0.4	PASS

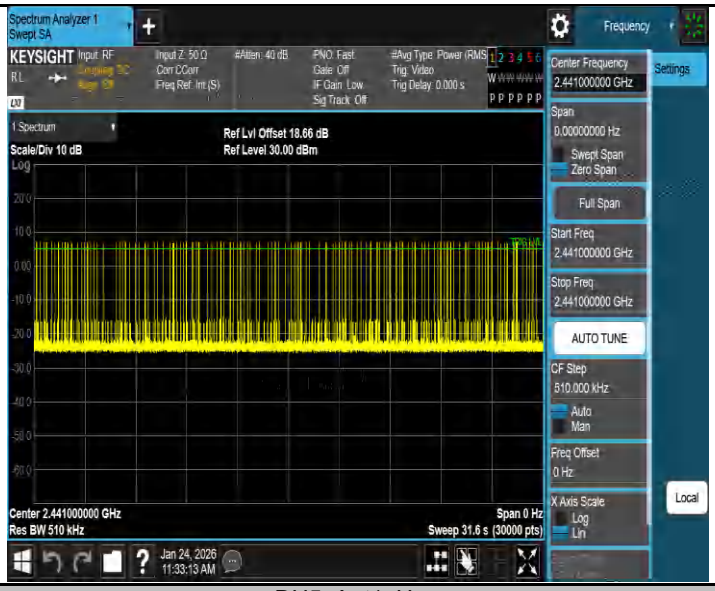
Test Graphs

DH1_Ant1_Hop

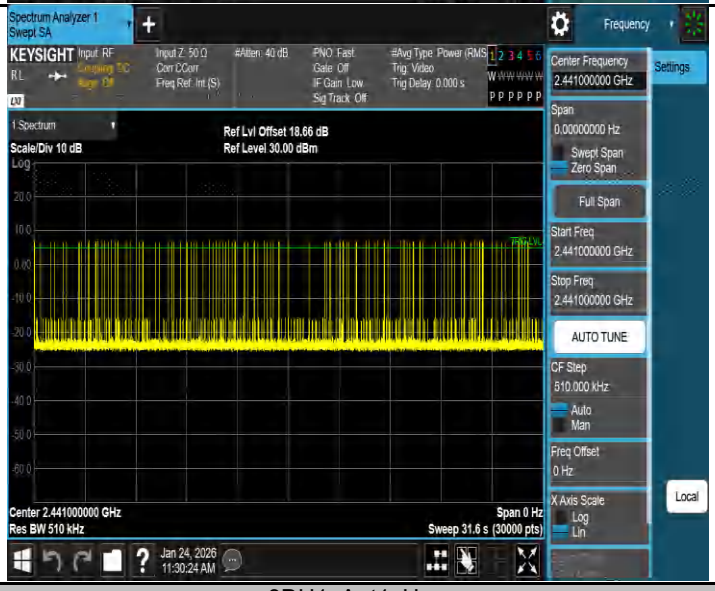


DH3_Ant1_Hop

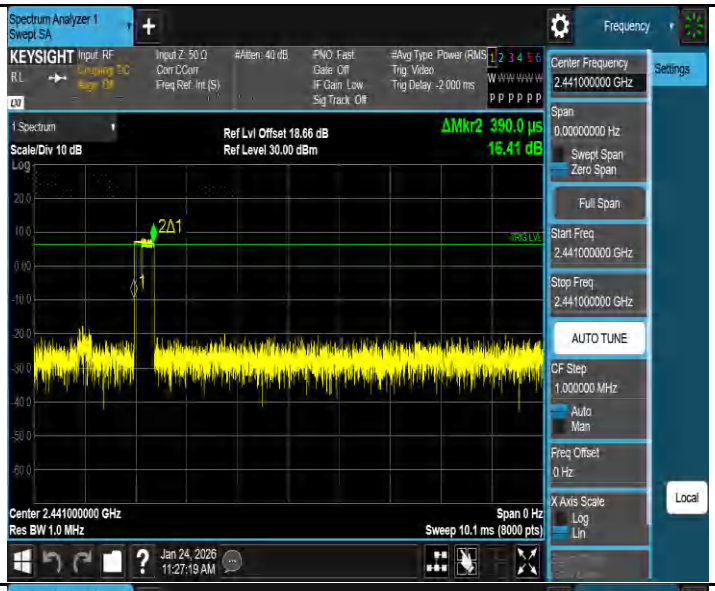


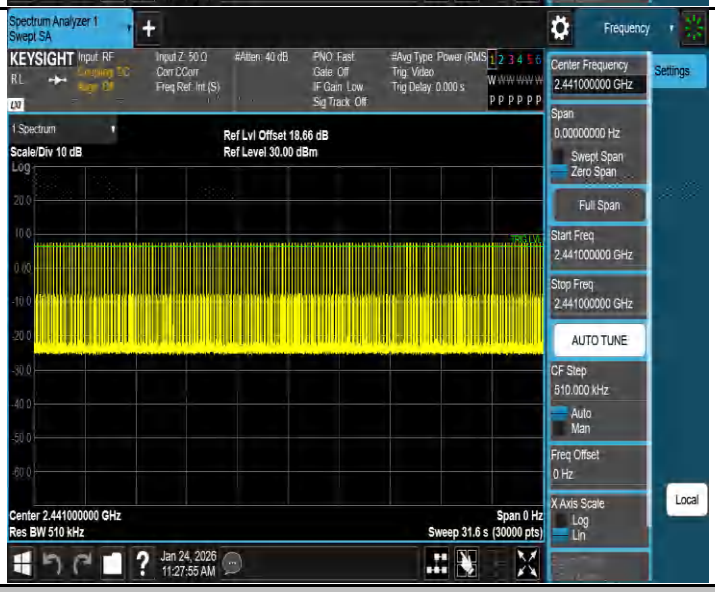


DH5_Ant1_Hop

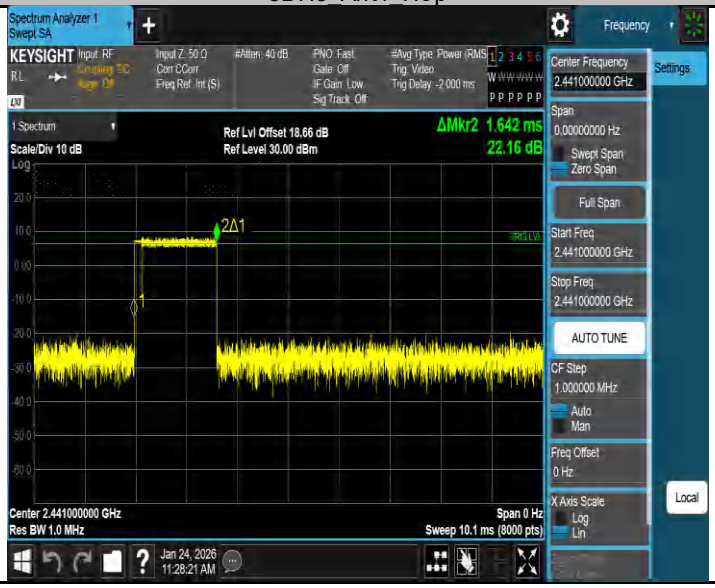


3DH1_Ant1_Hop

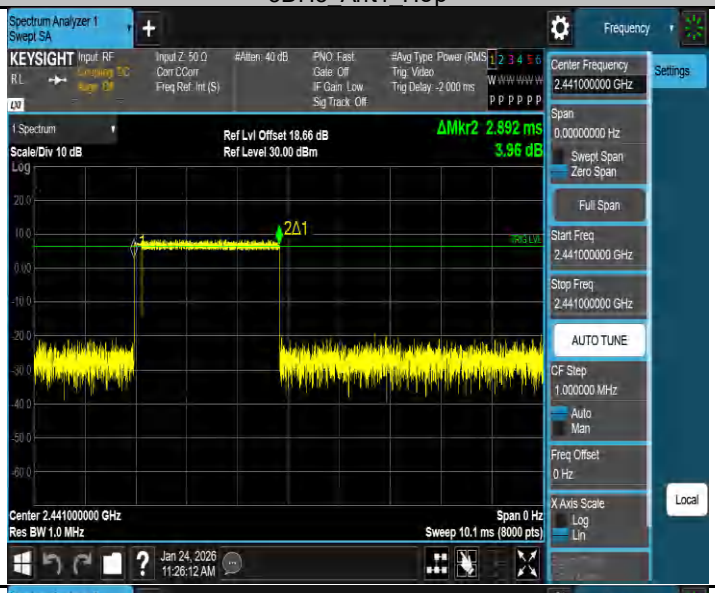




3DH3_Ant1_Hop



3DH5_Ant1_Hop



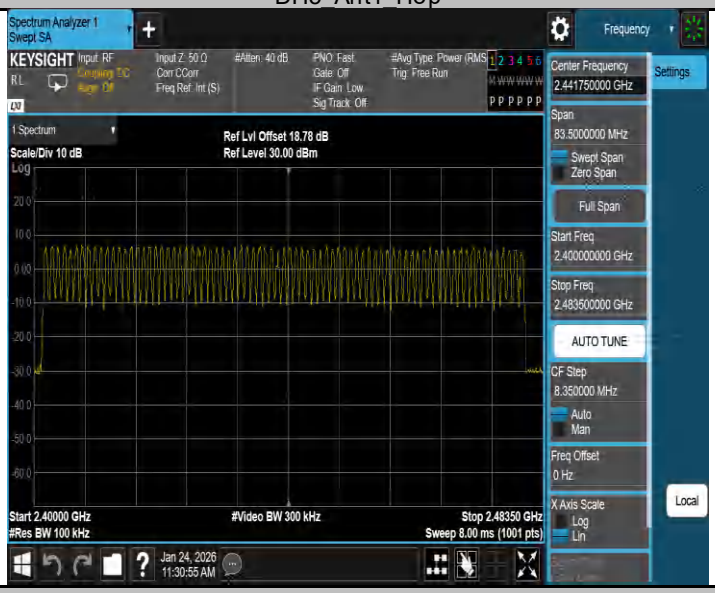
Appendix A.5: Test Results of Number of Hopping Frequency

Test Result

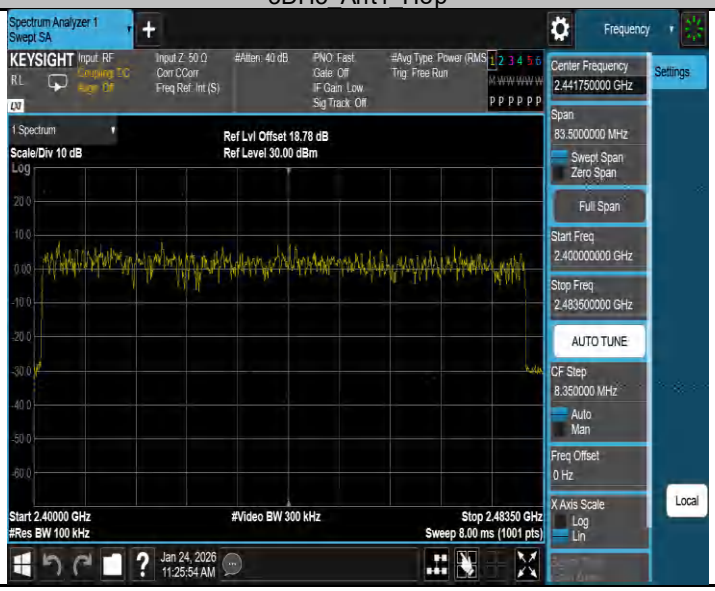
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

DH5_Ant1_Hop



3DH5_Ant1_Hop



Appendix A.6: Test Results of Band Edge Measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.52	-41.33	≤-14.48	PASS
		High	2480	3.99	-40.81	≤-16.01	PASS
3DH5	Ant1	Low	2402	6.83	-41.04	≤-13.17	PASS
		High	2480	4.55	-41.17	≤-15.45	PASS
DH5	Ant1	Hopping	2402	5.88	-40.91	≤-14.12	PASS
		Hopping	2480	4.40	-43.01	≤-15.60	PASS
3DH5	Ant1	Hopping	2402	4.72	-40.99	≤-15.28	PASS
		Hopping	2480	4.42	-40.96	≤-15.58	PASS

Test Graphs

DH5_Ant1_Low_2402

DH5_Ant1_High_2480

3DH5_Ant1_Low_2402

3DH5_Ant1_High_2480

DH5_Ant1_Hopping_2402

DH5_Ant1_Hopping_2480

3DH5_Ant1_Hopping_2402

3DH5_Ant1_Hopping_2480

Appendix A.7: Test Results of Conducted Spurious Emission

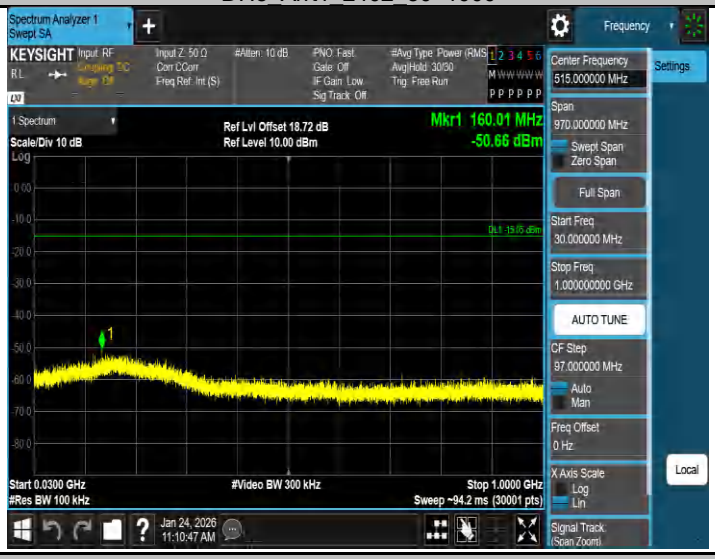
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.95	4.95	---	PASS
			30~1000	4.95	-50.66	≤-15.05	PASS
			1000~26500	4.95	-53.03	≤-15.05	PASS
		2441	Reference	4.29	4.29	---	PASS
			30~1000	4.29	-50.91	≤-15.71	PASS
			1000~26500	4.29	-54.58	≤-15.71	PASS
		2480	Reference	3.89	3.89	---	PASS
			30~1000	3.89	-51.38	≤-16.11	PASS
			1000~26500	3.89	-54.54	≤-16.11	PASS
3DH5	Ant1	2402	Reference	4.12	4.12	---	PASS
			30~1000	4.12	-50.49	≤-15.88	PASS
			1000~26500	4.12	-53.97	≤-15.88	PASS
		2441	Reference	5.75	5.75	---	PASS
			30~1000	5.75	-51.29	≤-14.25	PASS
			1000~26500	5.75	-53.68	≤-14.25	PASS
		2480	Reference	3.02	3.02	---	PASS
			30~1000	3.02	-50.07	≤-16.98	PASS
			1000~26500	3.02	-54.26	≤-16.98	PASS

Test Graphs

DH5_Ant1_2402_0~Reference

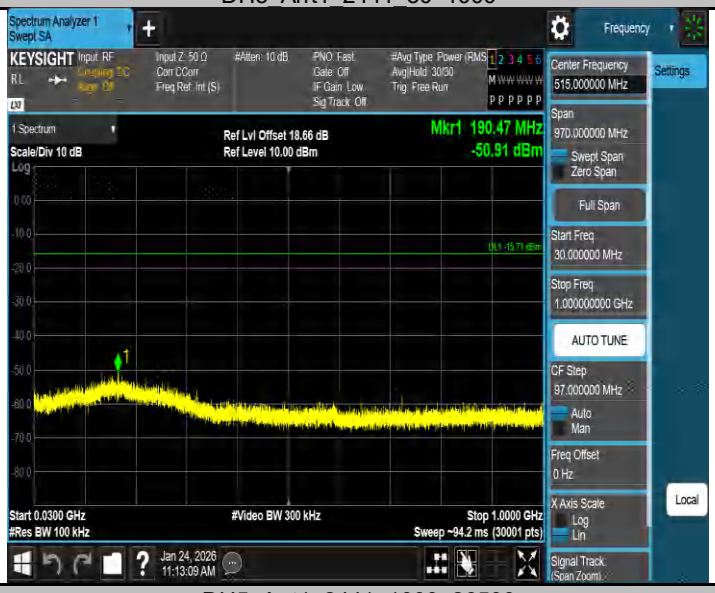
DH5_Ant1_2402_30~1000



DH5_Ant1_2402_1000~26500

DH5_Ant1_2441_0~Reference

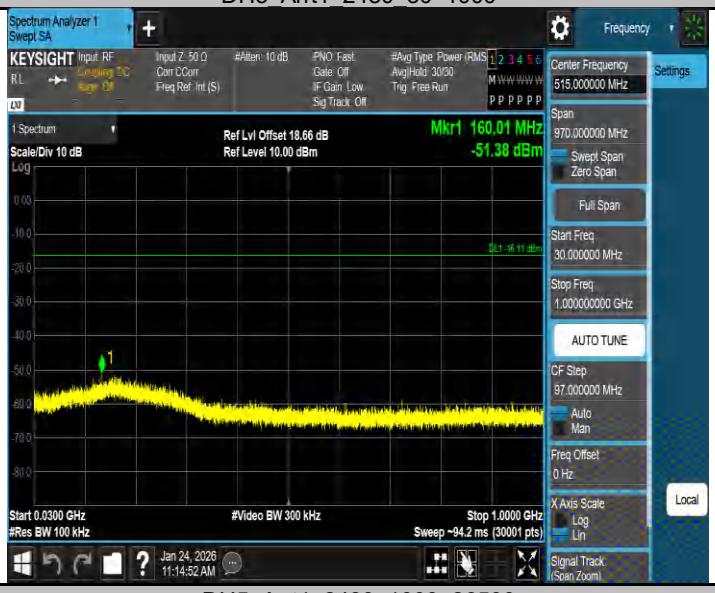
DH5_Ant1_2441_30~1000



DH5_Ant1_2441_1000~26500

DH5_Ant1_2480_0~Reference

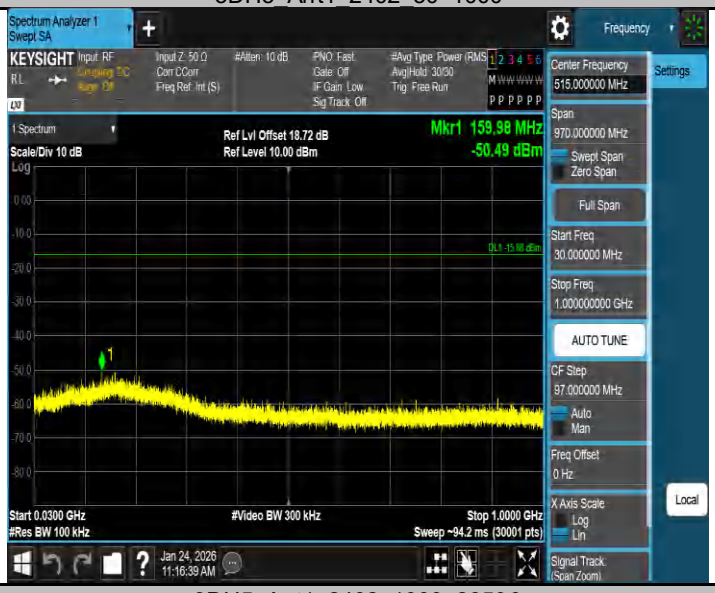
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

3DH5_Ant1_2402_0~Reference

3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500

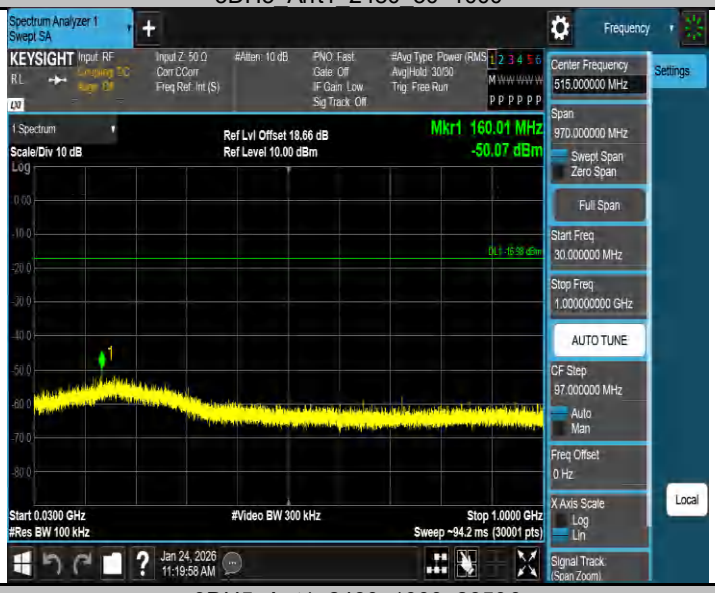
3DH5_Ant1_2441_0~Reference

3DH5_Ant1_2441_30~1000

3DH5_Ant1_2441_1000~26500

3DH5_Ant1_2480_0~Reference

3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500

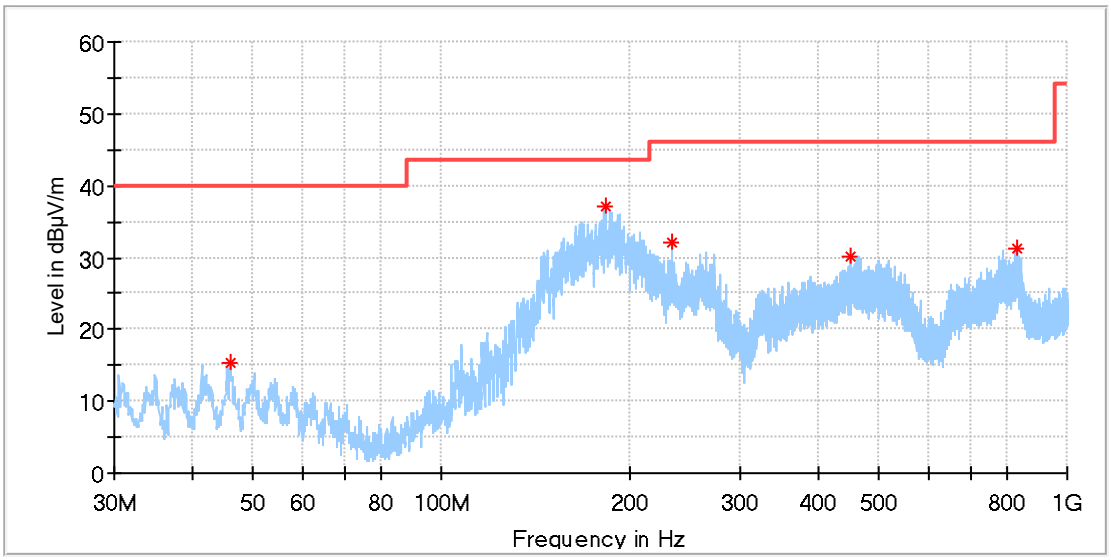
Appendix A.8: Test Results of Radiated Spurious Emissions

Note:
1) This testing was carried out on different modulations, but only the worst case was presented in this report.
2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

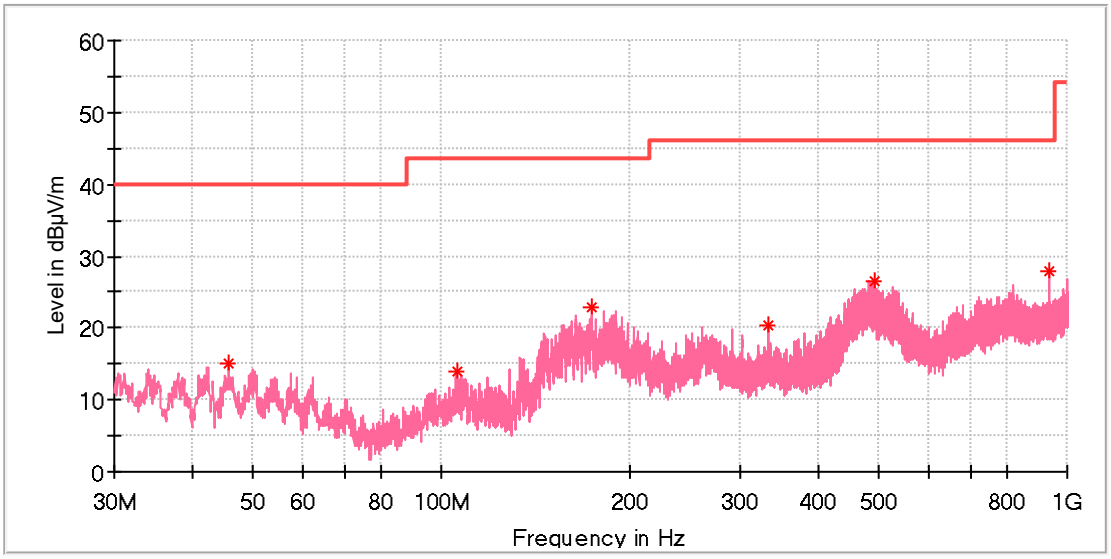
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.005000	15.22	40.00	24.78	100.0	H	306.0	-18.8
183.313889	37.02	43.50	6.48	100.0	H	184.0	-20.3
233.969444	31.98	46.00	14.02	100.0	H	29.0	-18.0
451.626667	30.15	46.00	15.85	100.0	H	93.0	-12.7
832.136111	31.31	46.00	14.69	100.0	H	6.0	-5.6

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.681667	15.11	40.00	24.89	100.0	V	342.0	-18.8
105.660000	13.88	43.50	29.62	100.0	V	252.0	-18.9
174.206667	22.90	43.50	20.60	100.0	V	295.0	-21.1
333.232778	20.36	46.00	25.64	100.0	V	131.0	-15.2
491.504444	26.49	46.00	19.51	100.0	V	223.0	-12.0
937.542778	28.01	46.00	17.99	100.0	V	99.0	-4.4

Final_Result

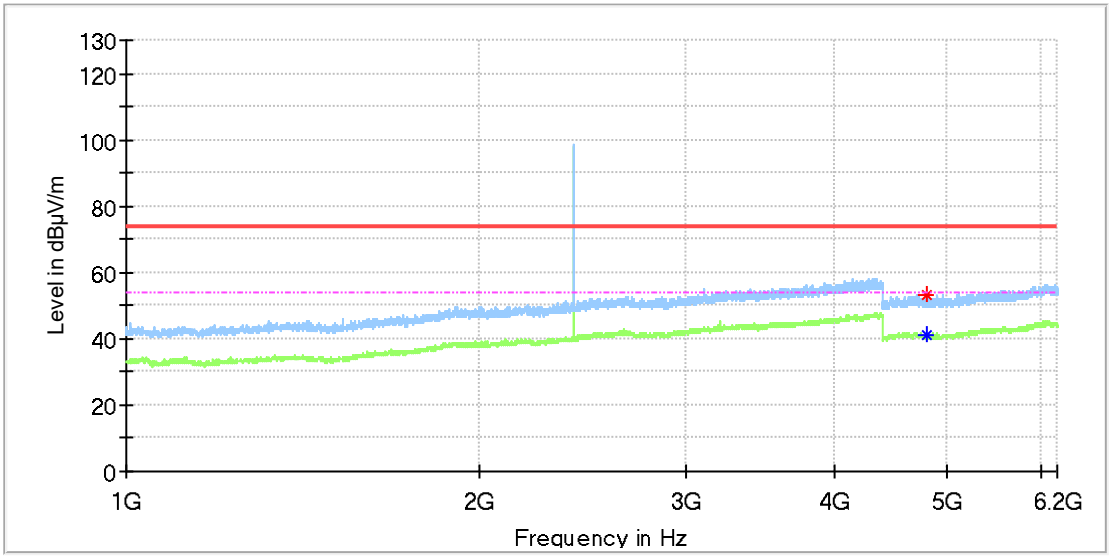
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

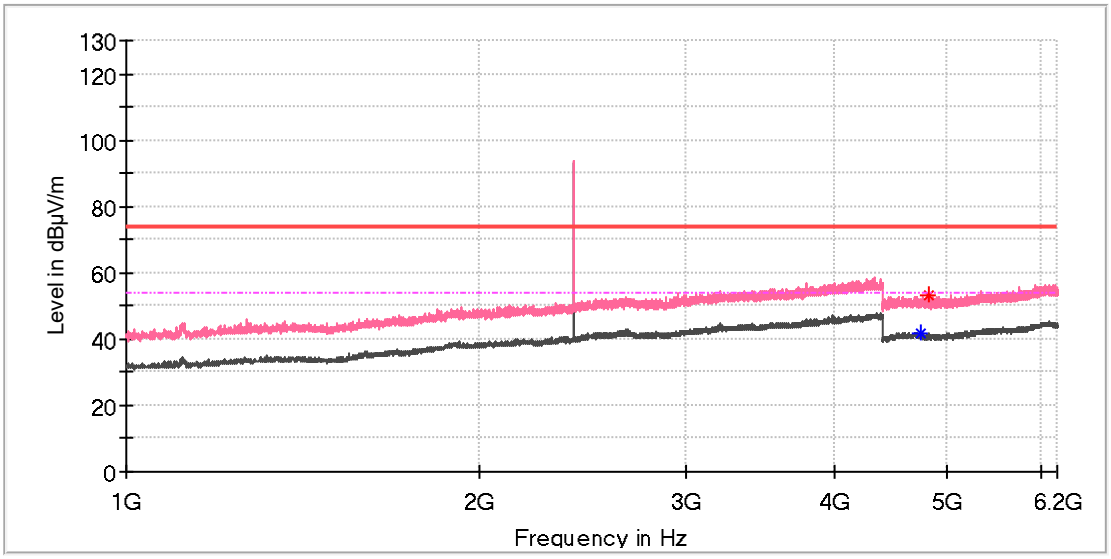
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.500000	---	41.12	54.00	12.88	150.0	H	57.0	13.3
4809.500000	52.92	---	74.00	21.08	150.0	H	164.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

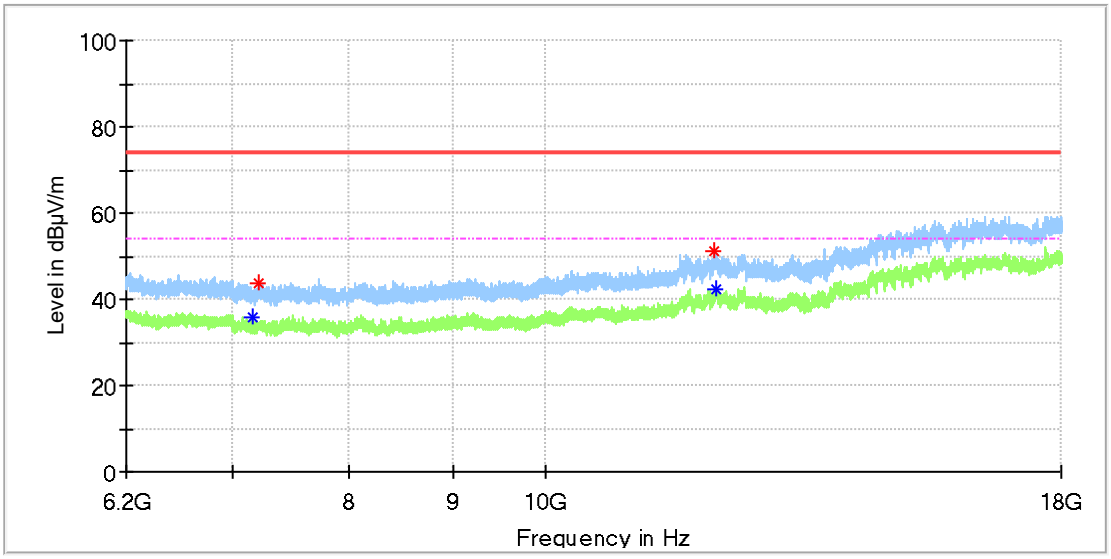
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4748.500000	---	41.90	54.00	12.10	150.0	V	129.0	13.4
4819.000000	52.99	---	74.00	21.01	150.0	V	105.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

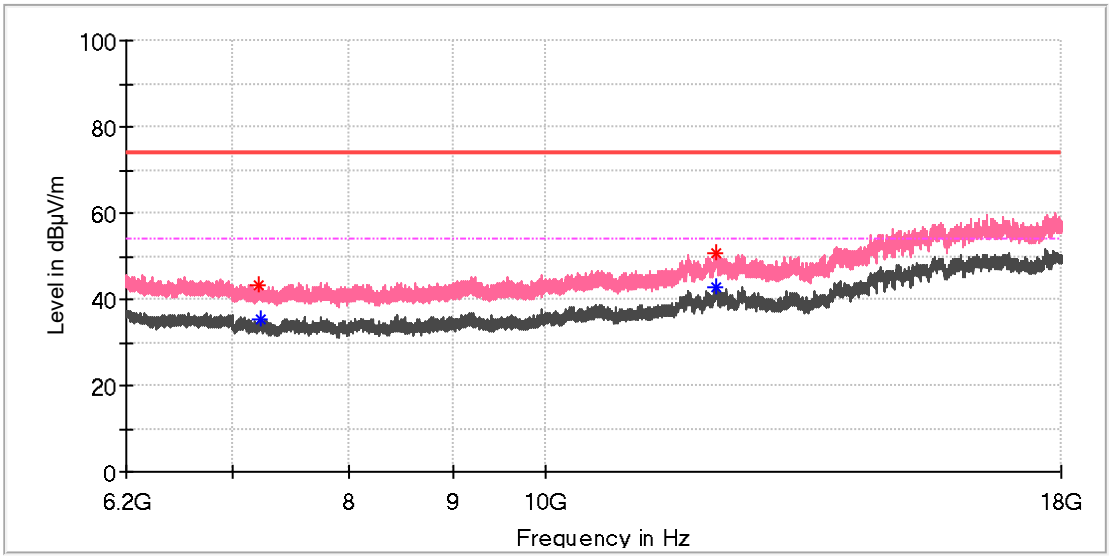
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7159.241667	---	35.70	54.00	18.30	150.0	H	311.0	8.7
7206.441667	43.67	---	74.00	30.33	150.0	H	288.0	8.8
12129.991667	51.23	---	74.00	22.77	150.0	H	187.0	16.2
12142.775000	---	42.50	54.00	11.50	150.0	H	197.0	16.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

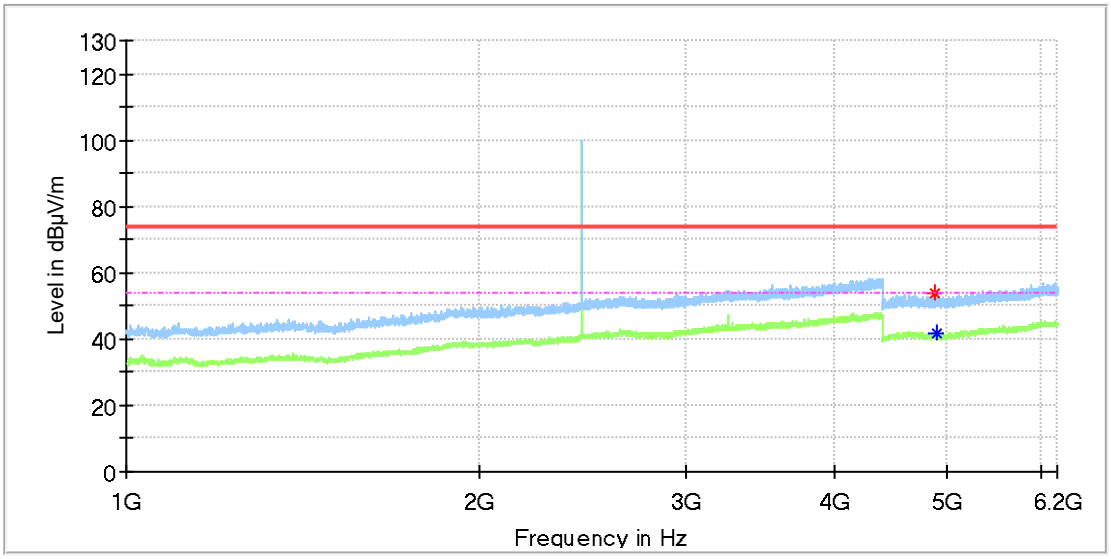
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7203.000000	43.28	---	74.00	30.72	150.0	V	124.0	8.8
7222.175000	---	35.25	54.00	18.75	150.0	V	91.0	8.7
12145.725000	---	42.77	54.00	11.23	150.0	V	27.0	16.6
12146.216667	50.65	---	74.00	23.35	150.0	V	80.0	16.6

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

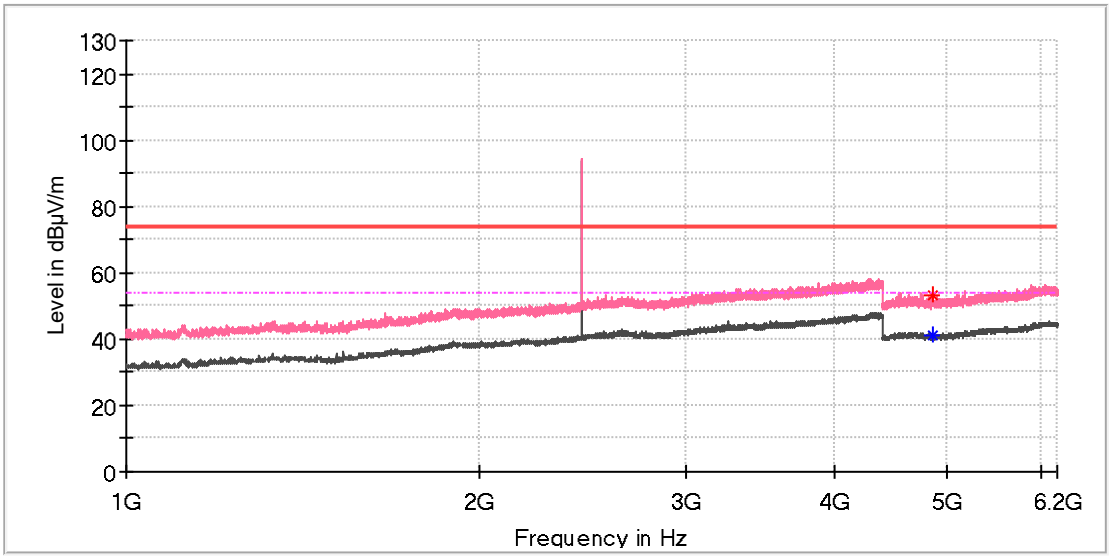
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.000000	53.54	---	74.00	20.46	150.0	H	339.0	13.3
4902.500000	---	41.79	54.00	12.21	150.0	H	165.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

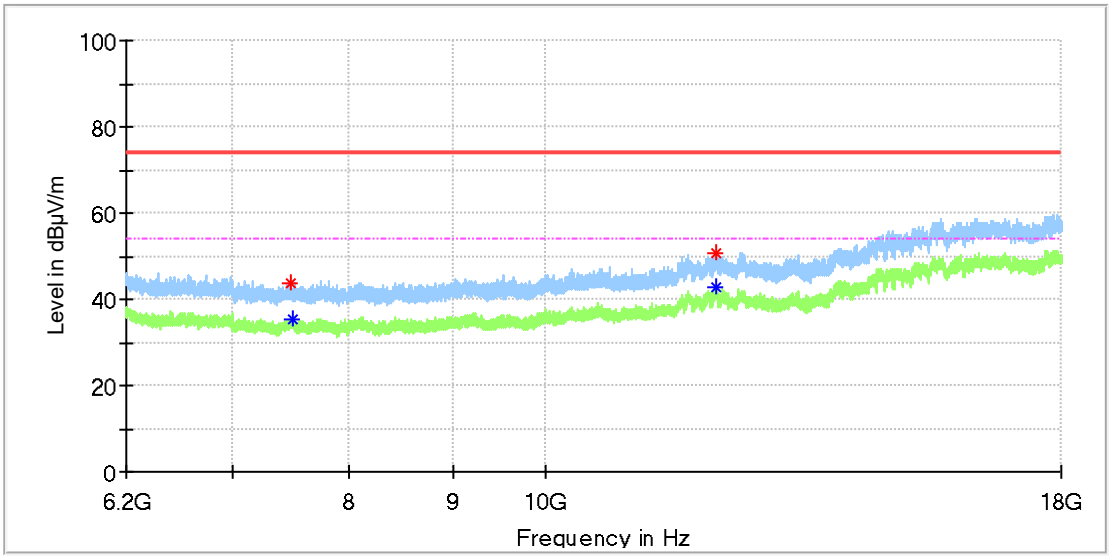
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4854.000000	---	41.31	54.00	12.69	150.0	V	225.0	13.3
4856.500000	52.99	---	74.00	21.01	150.0	V	291.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

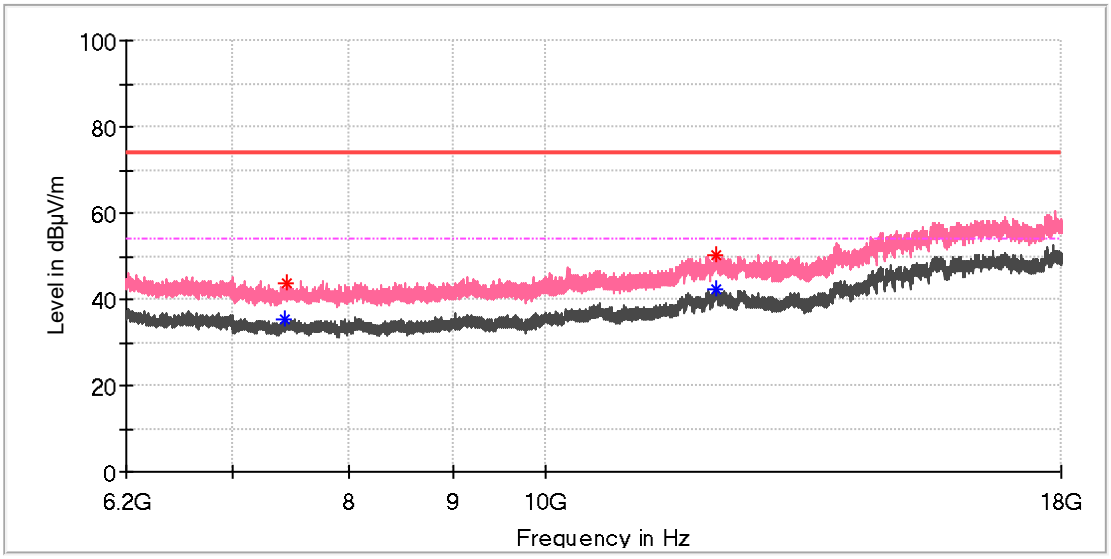
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7482.266667	43.80	---	74.00	30.20	150.0	H	208.0	8.7
7490.133333	---	35.50	54.00	18.50	150.0	H	38.0	8.7
12142.283333	50.58	---	74.00	23.42	150.0	H	65.0	16.5
12150.641667	---	42.96	54.00	11.04	150.0	H	91.0	16.7

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

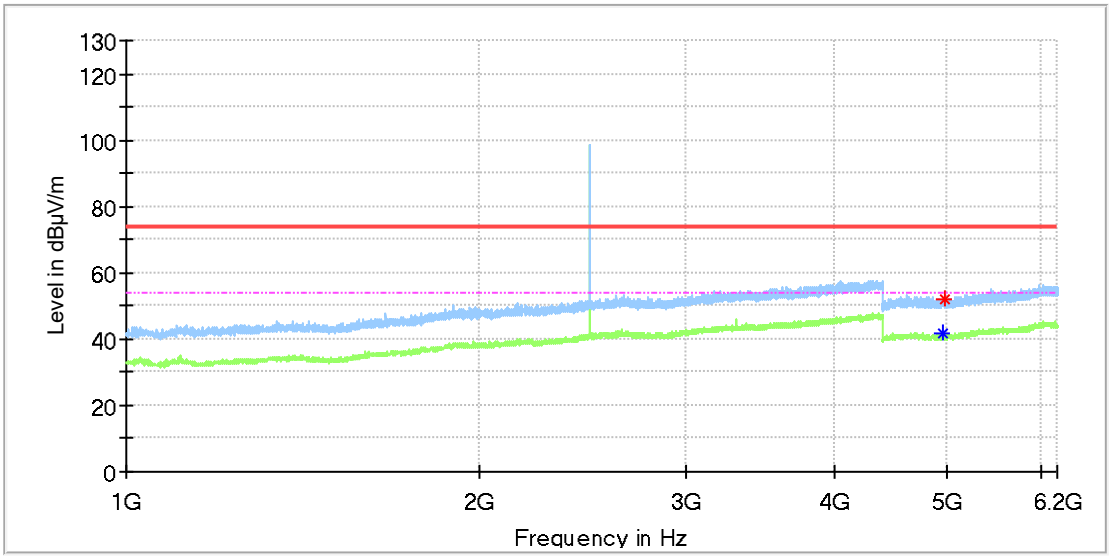
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7428.183333	---	35.41	54.00	18.59	150.0	V	5.0	8.4
7447.850000	43.76	---	74.00	30.24	150.0	V	139.0	8.5
12148.183333	50.45	---	74.00	23.55	150.0	V	70.0	16.7
12155.558333	---	42.10	54.00	11.90	150.0	V	312.0	16.4

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

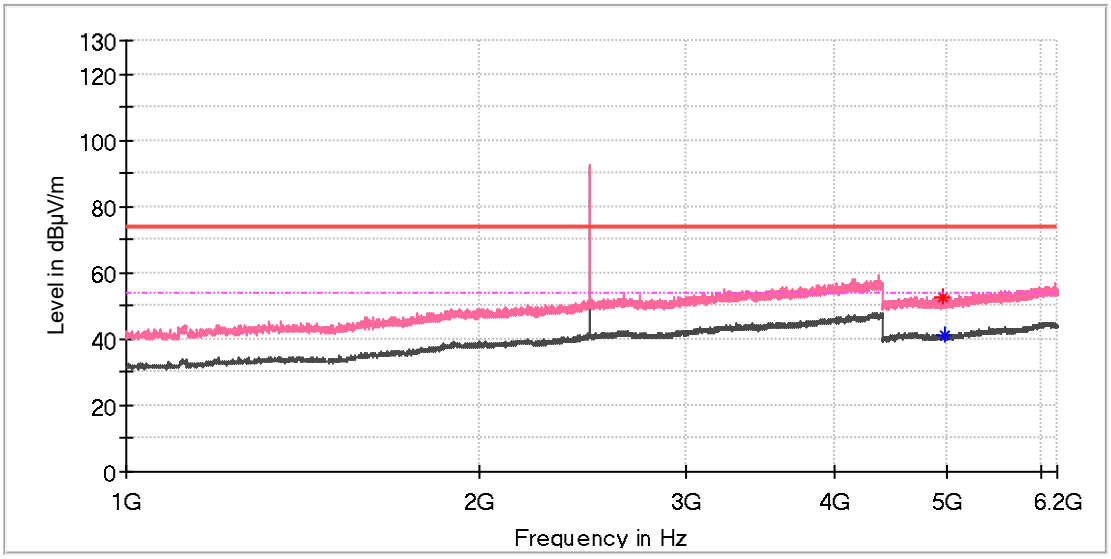
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4946.000000	---	41.57	54.00	12.43	150.0	H	124.0	13.3
4966.000000	52.23	---	74.00	21.77	150.0	H	187.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

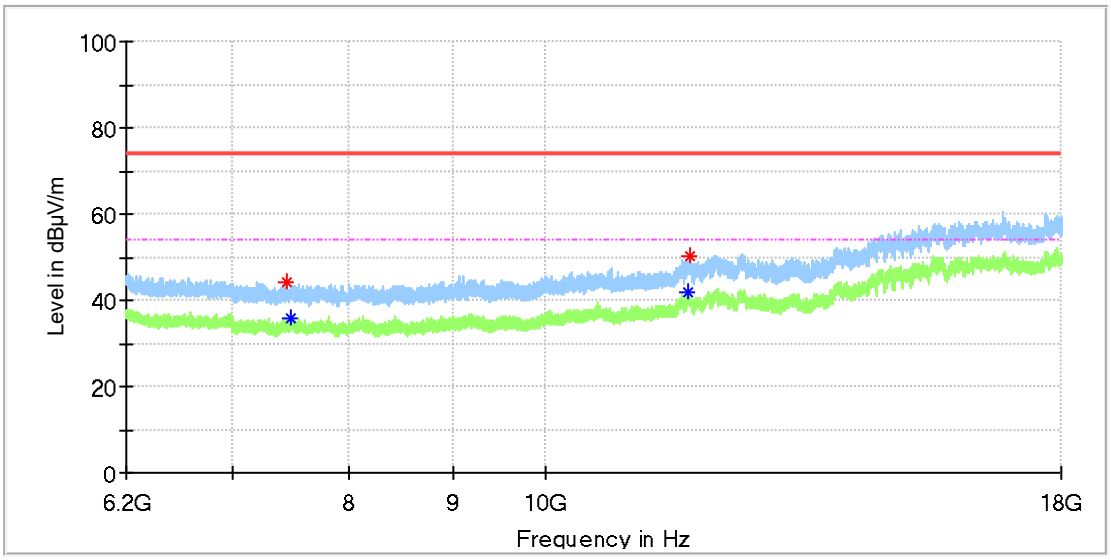
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4957.000000	52.59	---	74.00	21.41	150.0	V	150.0	13.3
4966.500000	---	41.28	54.00	12.72	150.0	V	66.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

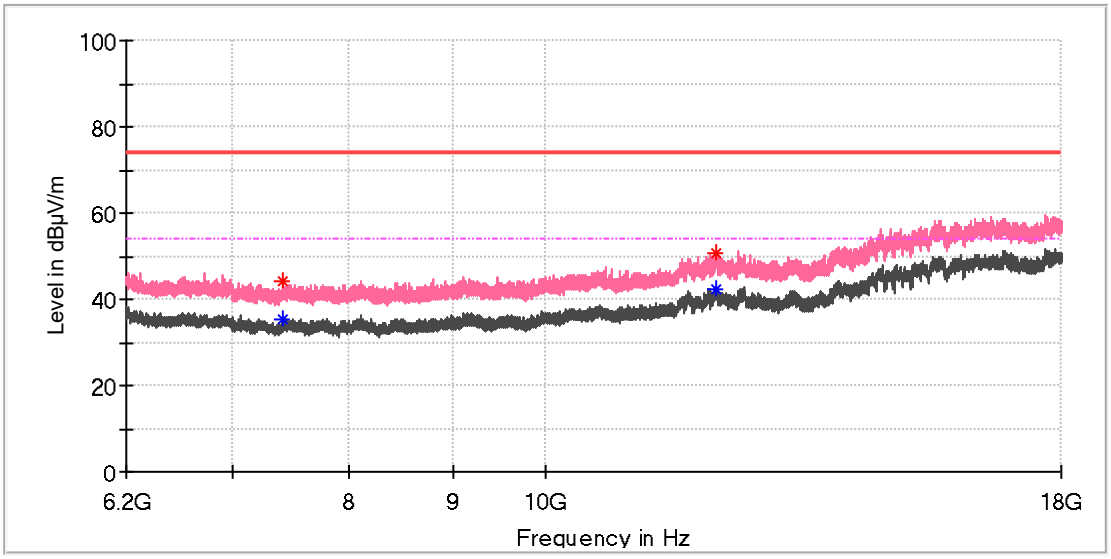
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7443.916667	43.97	---	74.00	30.03	150.0	H	209.0	8.5
7482.266667	---	35.93	54.00	18.07	150.0	H	0.0	8.7
11764.191667	---	42.06	54.00	11.94	150.0	H	297.0	15.3
11785.825000	50.40	---	74.00	23.60	150.0	H	0.0	15.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7417.858333	---	35.32	54.00	18.68	150.0	V	1.0	8.4
7419.333333	44.08	---	74.00	29.92	150.0	V	249.0	8.4
12147.691667	---	42.43	54.00	11.57	150.0	V	55.0	16.7
12158.016667	50.50	---	74.00	23.50	150.0	V	100.0	16.3

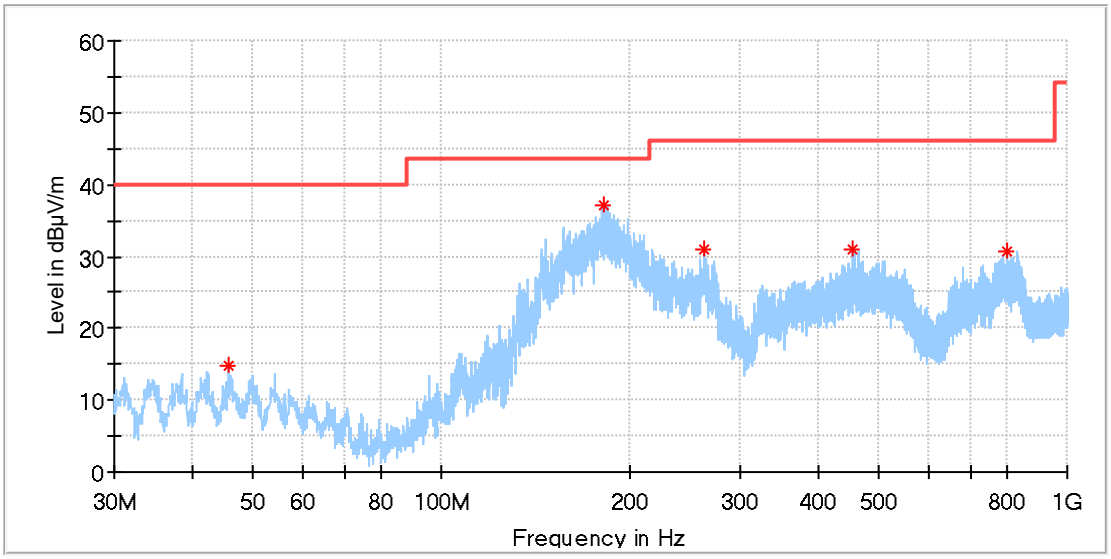
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

30 MHz - 1GHz for co-location

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BT+WIFI 5G
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

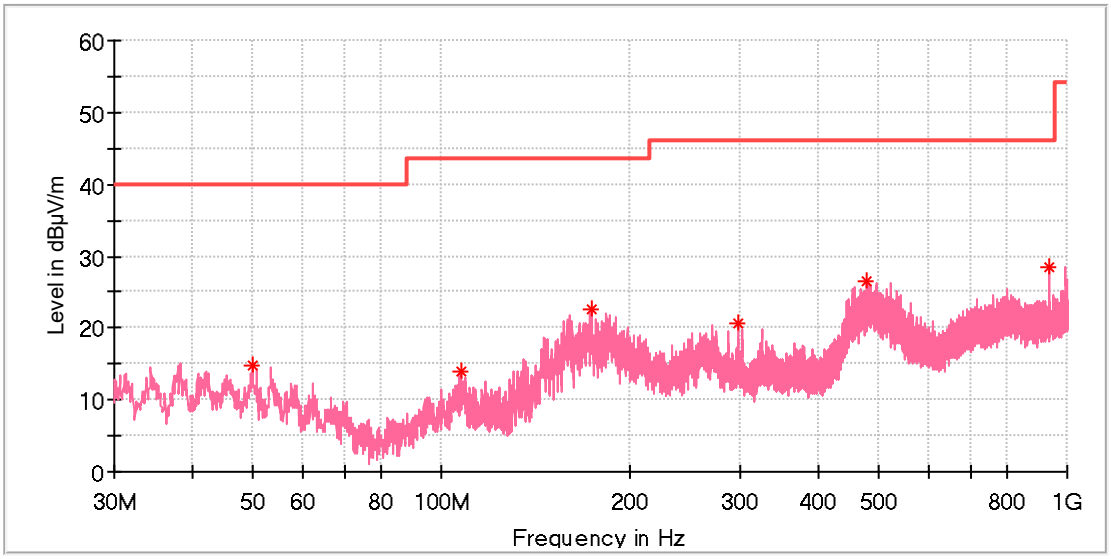
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.681667	14.84	40.00	25.16	100.0	H	75.0	-18.8
181.158333	37.21	43.50	6.29	100.0	H	6.0	-20.5
263.015556	30.85	46.00	15.15	100.0	H	31.0	-17.1
455.452778	30.89	46.00	15.11	100.0	H	83.0	-12.7
802.173889	30.73	46.00	15.27	100.0	H	182.0	-6.2

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BT+WIFI 5G
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.885000	14.81	40.00	25.19	100.0	V	4.0	-18.4
107.222778	13.99	43.50	29.51	100.0	V	86.0	-19.0
173.613889	22.69	43.50	20.81	100.0	V	260.0	-21.1
298.043333	20.54	46.00	25.46	100.0	V	170.0	-16.3
478.140000	26.38	46.00	19.62	100.0	V	288.0	-12.2
937.542778	28.56	46.00	17.44	100.0	V	184.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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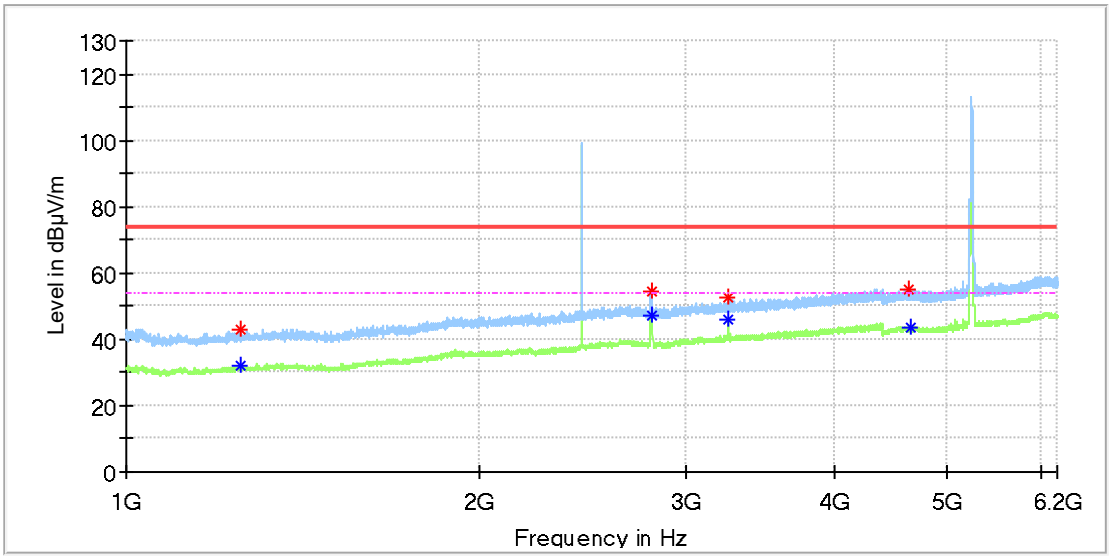
1GHz - 18GHz for co-location

Note: The highest waveform in the figure is Bluetooth / Wi-Fi Fundamental.

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BT+WIFI 5G
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

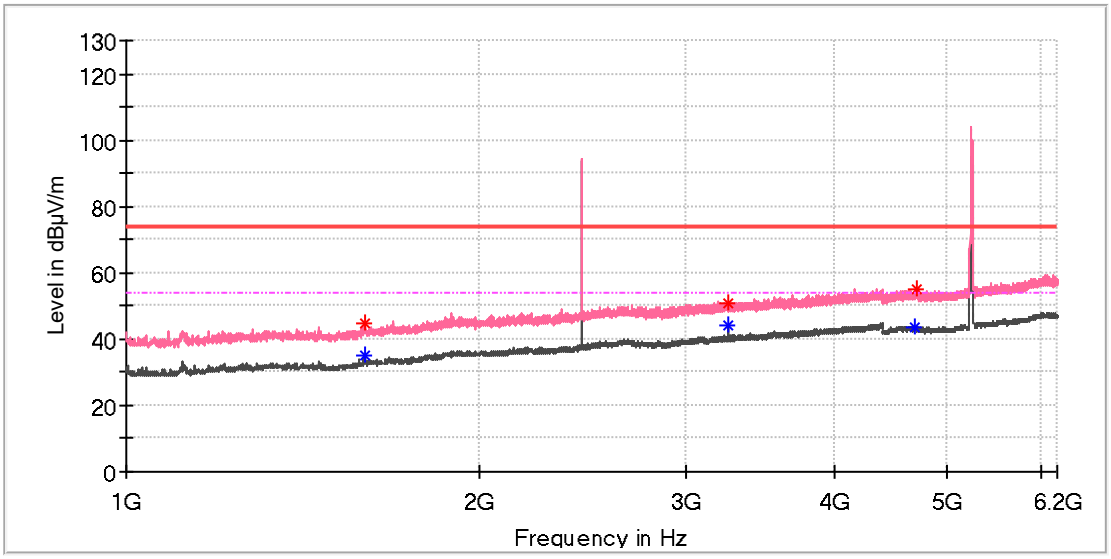
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1253.000000	42.88	---	74.00	31.12	150.0	H	213.0	2.6
1253.000000	---	31.96	54.00	22.04	150.0	H	213.0	2.6
2796.500000	---	47.18	54.00	6.82	150.0	H	187.0	9.6
2802.000000	54.58	---	74.00	19.42	150.0	H	200.0	9.6
3254.500000	---	46.06	54.00	7.94	150.0	H	51.0	10.8
3255.000000	52.82	---	74.00	21.18	150.0	H	175.0	10.8
4626.000000	54.97	---	74.00	19.03	150.0	H	52.0	13.5
4647.500000	---	43.72	54.00	10.28	150.0	H	267.0	13.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BT+WIFI 5G
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

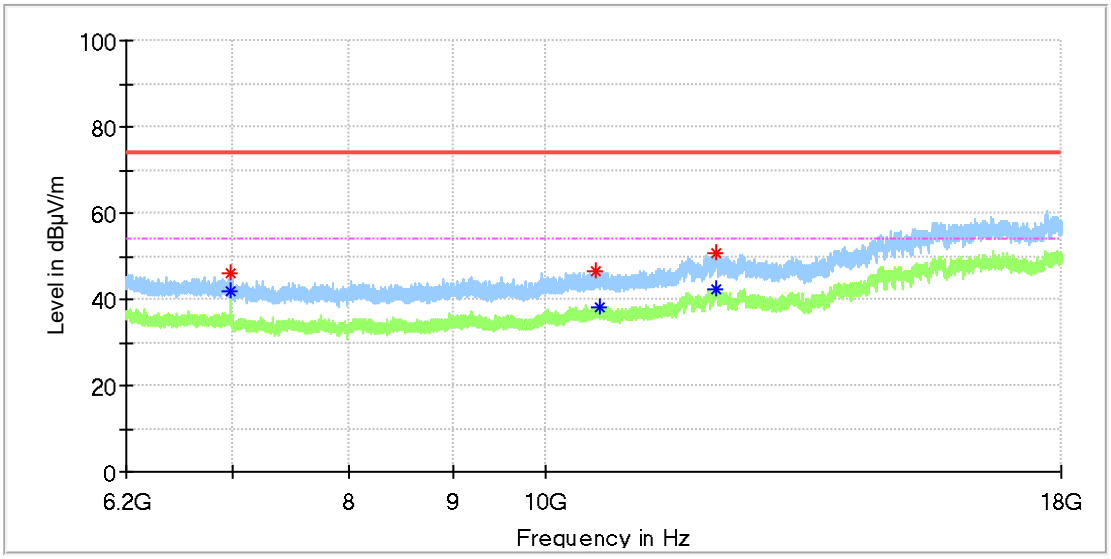
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1596.500000	44.83	---	74.00	29.17	150.0	V	253.0	3.8
1597.000000	---	34.96	54.00	19.04	150.0	V	253.0	3.8
3255.000000	---	43.86	54.00	10.14	150.0	V	353.0	10.8
3257.000000	50.81	---	74.00	23.19	150.0	V	177.0	10.8
4687.500000	---	43.78	54.00	10.22	150.0	V	239.0	13.5
4707.000000	55.30	---	74.00	18.70	150.0	V	132.0	13.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BT+WIFI 5G
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6986.175000	---	41.71	54.00	12.29	150.0	H	316.0	8.6
6986.666667	46.11	---	74.00	27.89	150.0	H	316.0	8.6
10596.483333	46.34	---	74.00	27.66	150.0	H	142.0	12.1
10634.341667	---	38.32	54.00	15.68	150.0	H	245.0	12.0
12145.725000	50.75	---	74.00	23.25	150.0	H	268.0	16.6
12148.183333	---	42.47	54.00	11.53	150.0	H	326.0	16.7

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BT+WIFI 5G
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
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Tested By:	Kei Zhang
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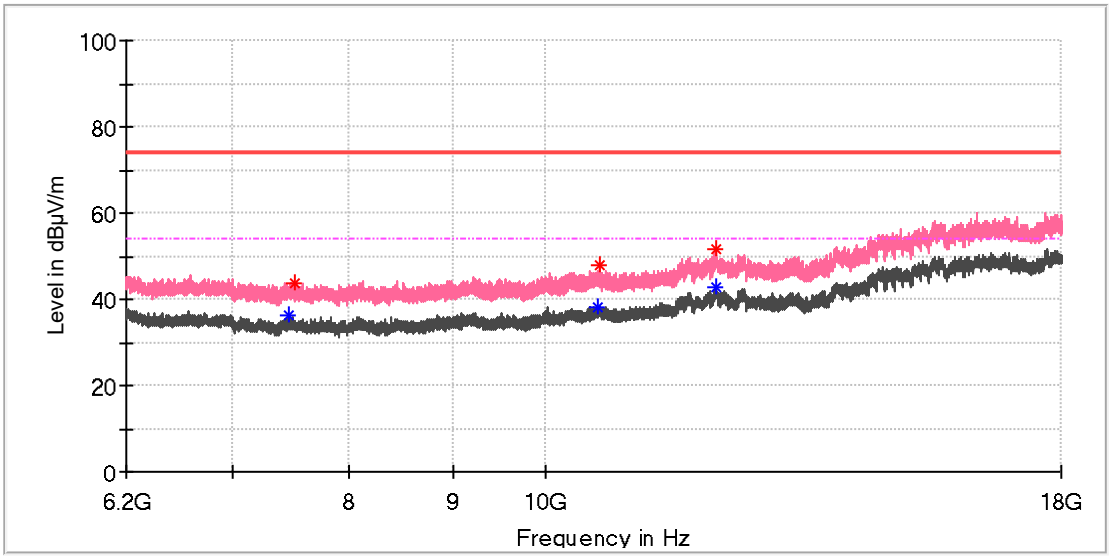

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7467.516667	---	36.30	54.00	17.70	150.0	V	30.0	8.6
7505.866667	43.92	---	74.00	30.08	150.0	V	9.0	8.7
10614.675000	---	38.15	54.00	15.85	150.0	V	237.0	12.0
10646.633333	47.68	---	74.00	26.32	150.0	V	153.0	12.0
12136.875000	51.79	---	74.00	22.21	150.0	V	1.0	16.4
12144.250000	---	42.69	54.00	11.31	150.0	V	75.0	16.6

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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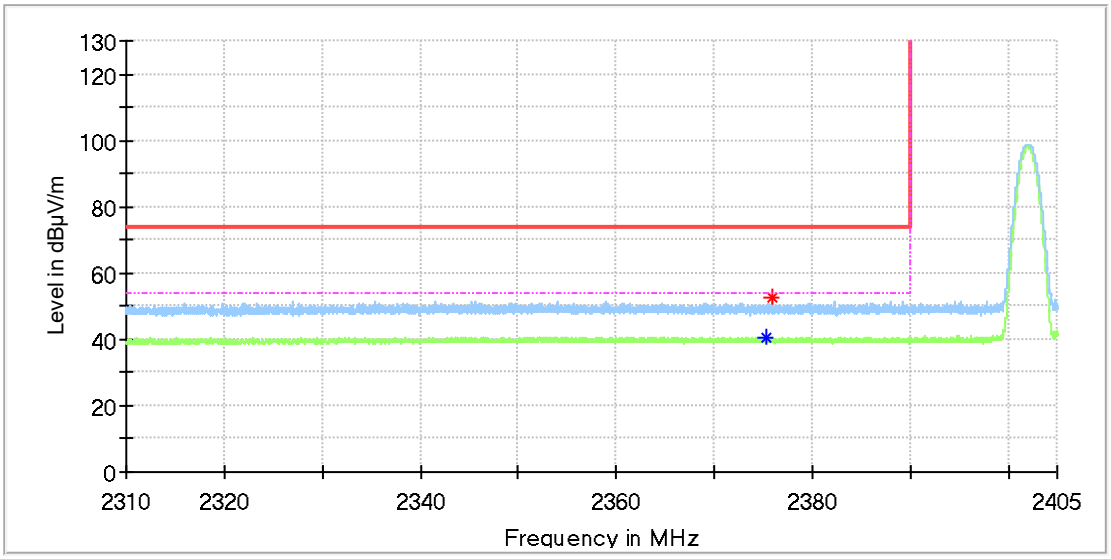
Appendix A.9: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2375.299706	---	40.43	54.00	13.57	150.0	H	158.0	8.5
2376.005882	52.53	---	74.00	21.47	150.0	H	224.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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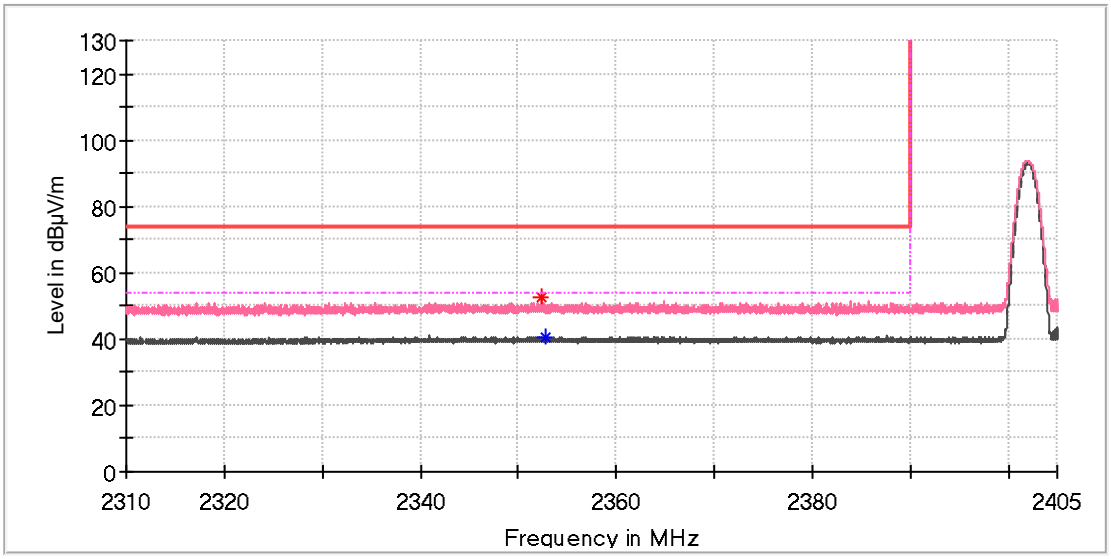
EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2352.327353	52.37	---	74.00	21.63	150.0	V	335.0	8.5
2352.788530	---	40.75	54.00	13.25	150.0	V	58.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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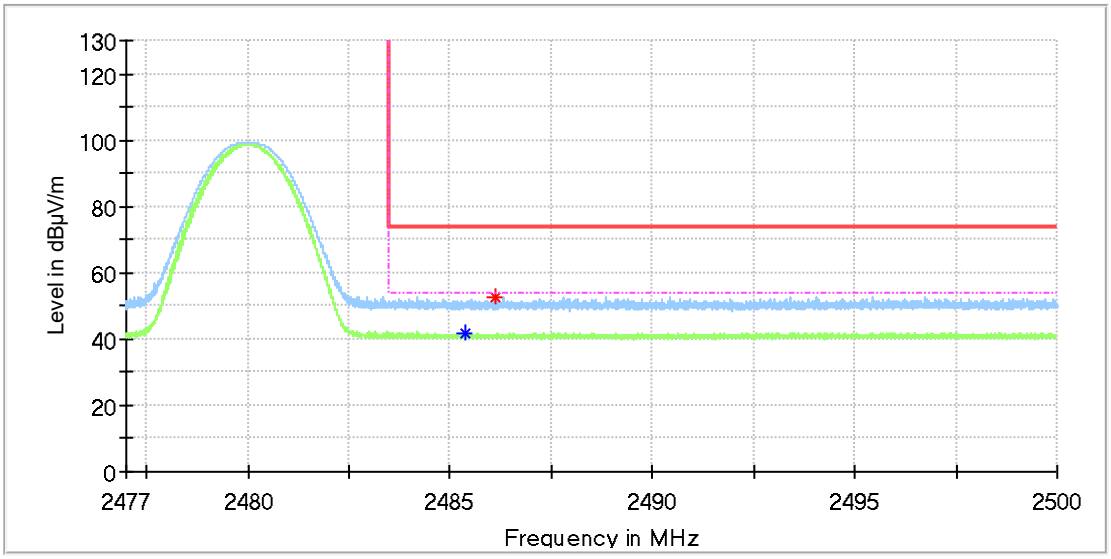
EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.375000	---	41.59	54.00	12.41	150.0	H	0.0	9.0
2486.128677	52.82	---	74.00	21.18	150.0	H	197.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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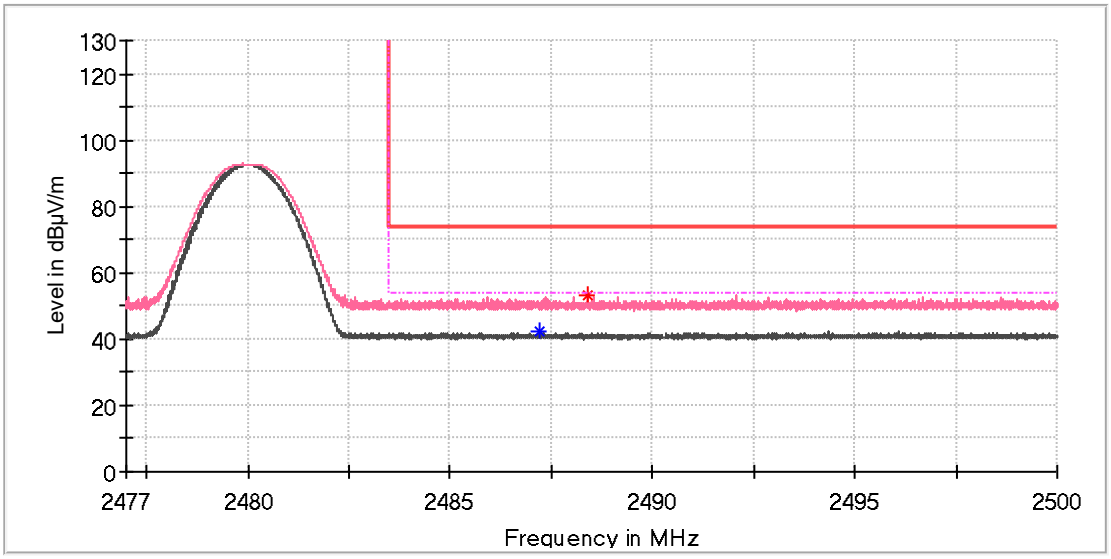
EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.227941	---	42.07	54.00	11.93	150.0	V	358.0	9.0
2488.393382	53.47	---	74.00	20.53	150.0	V	0.0	9.0

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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