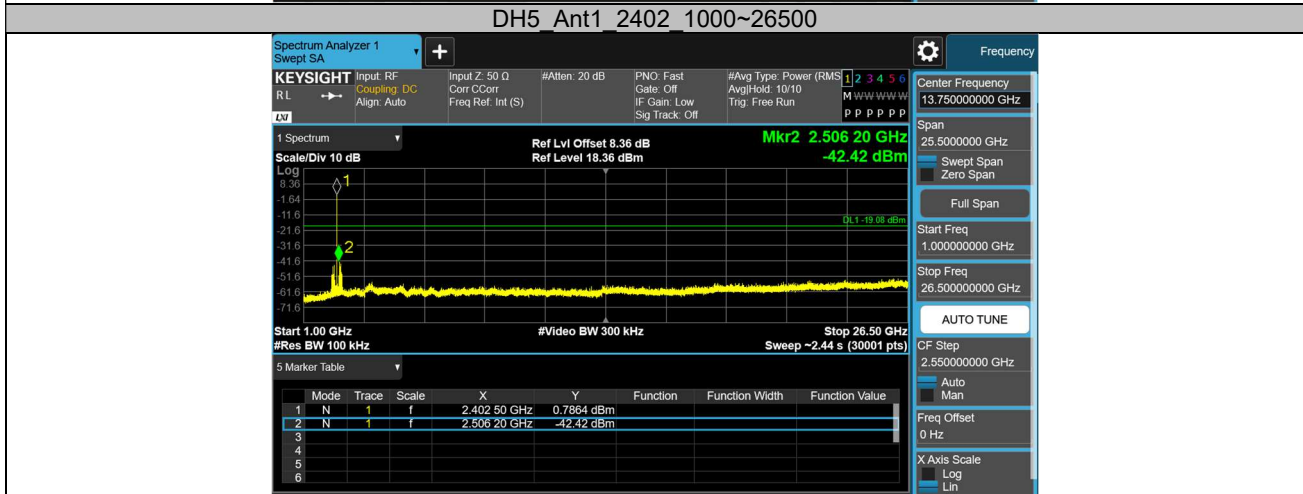
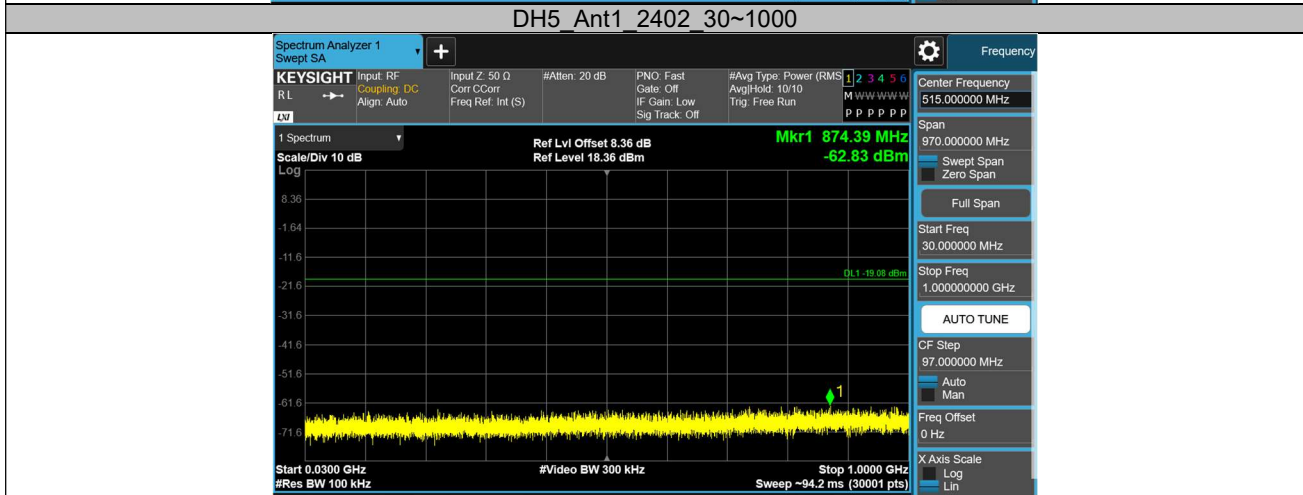
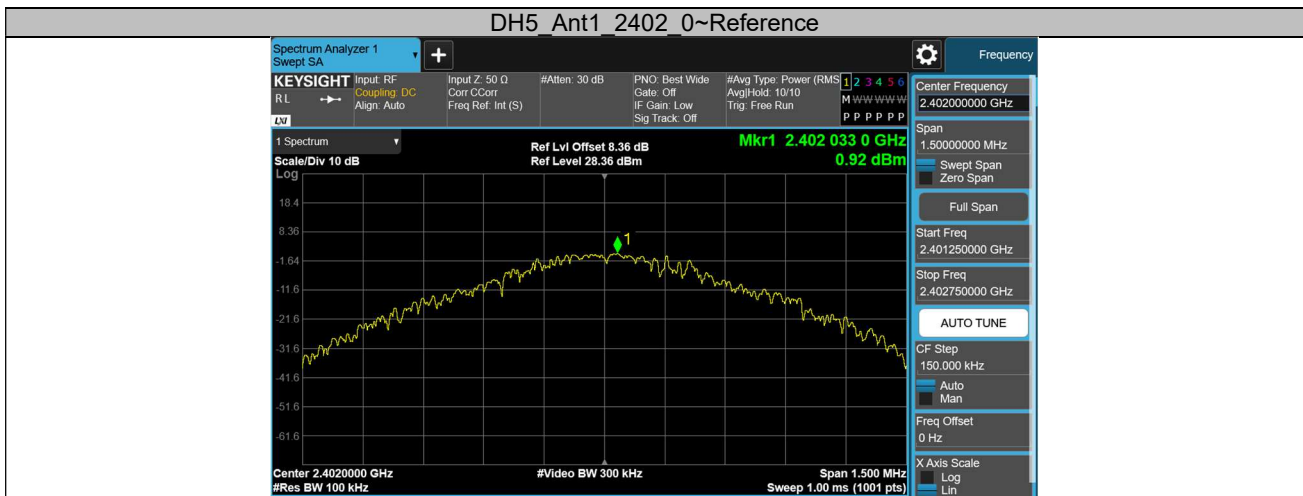
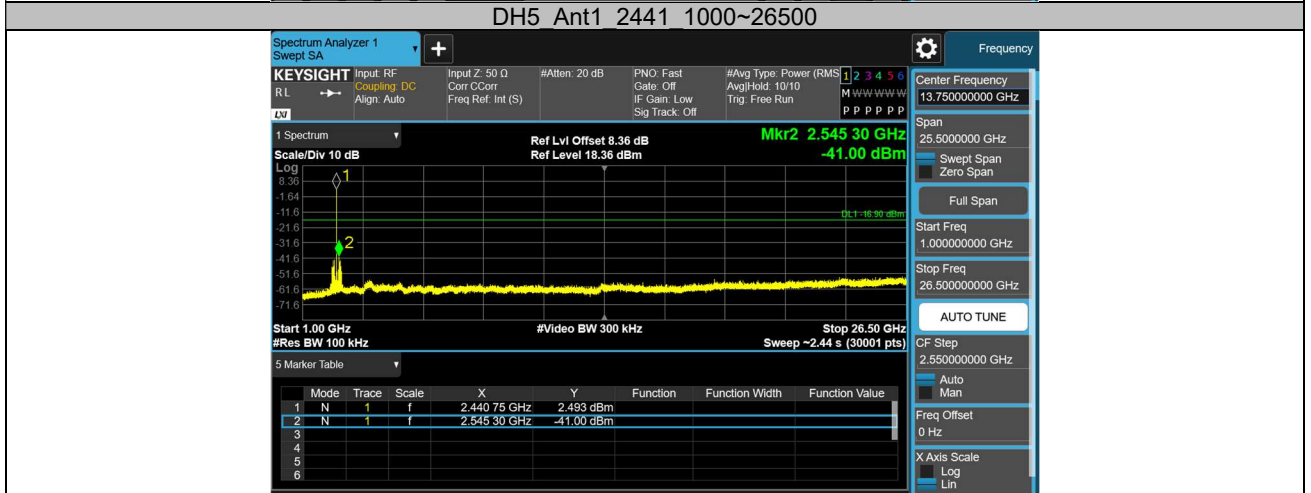
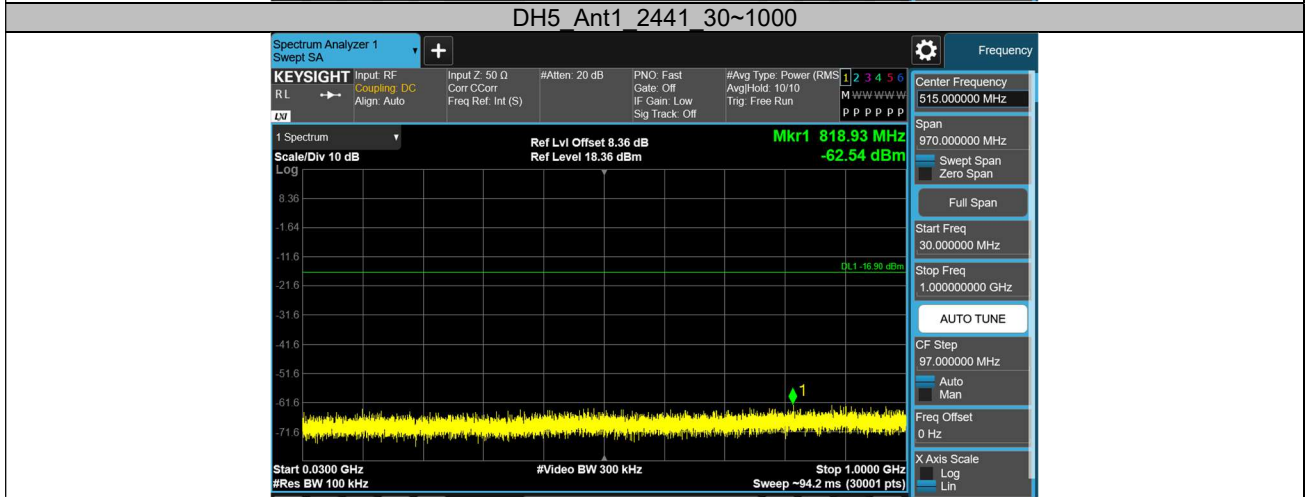
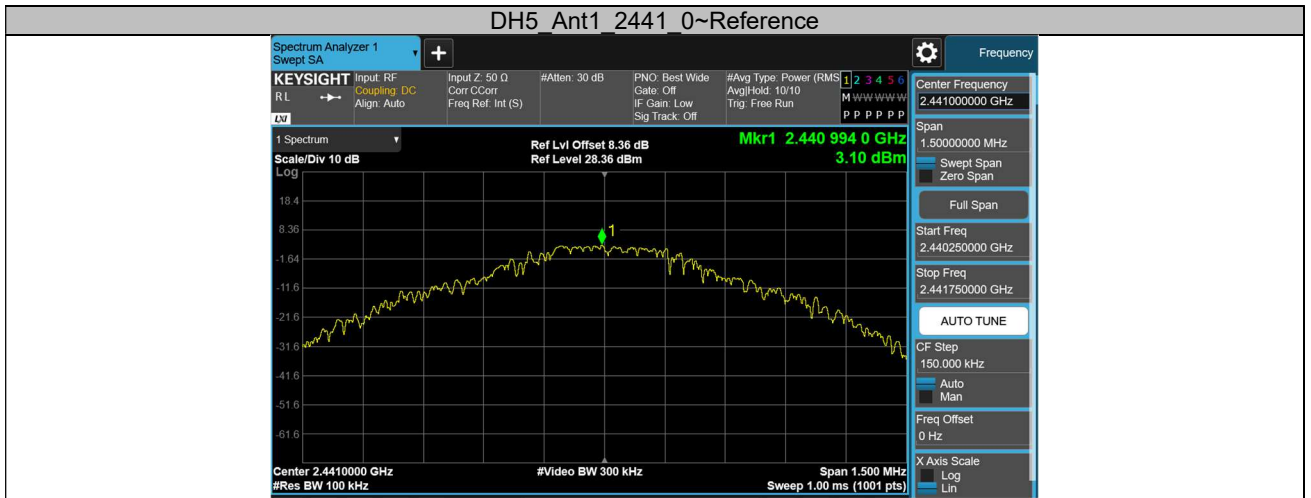


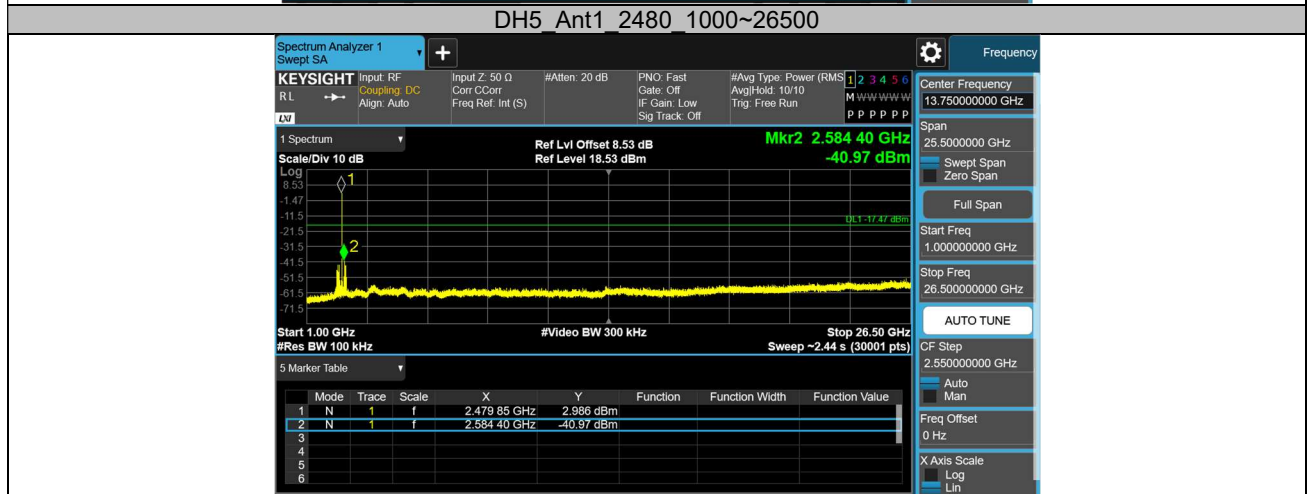
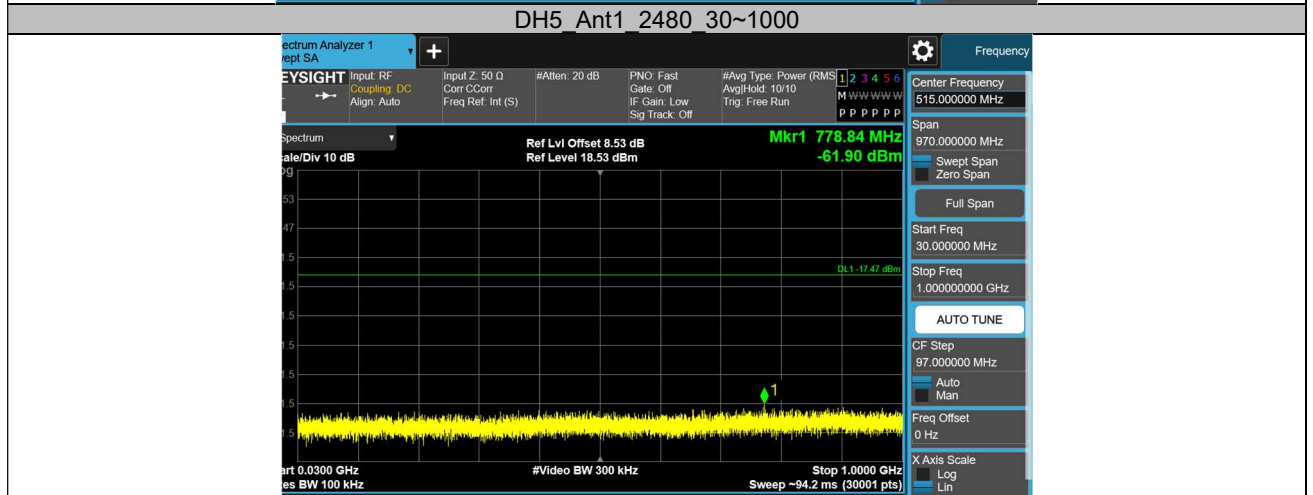
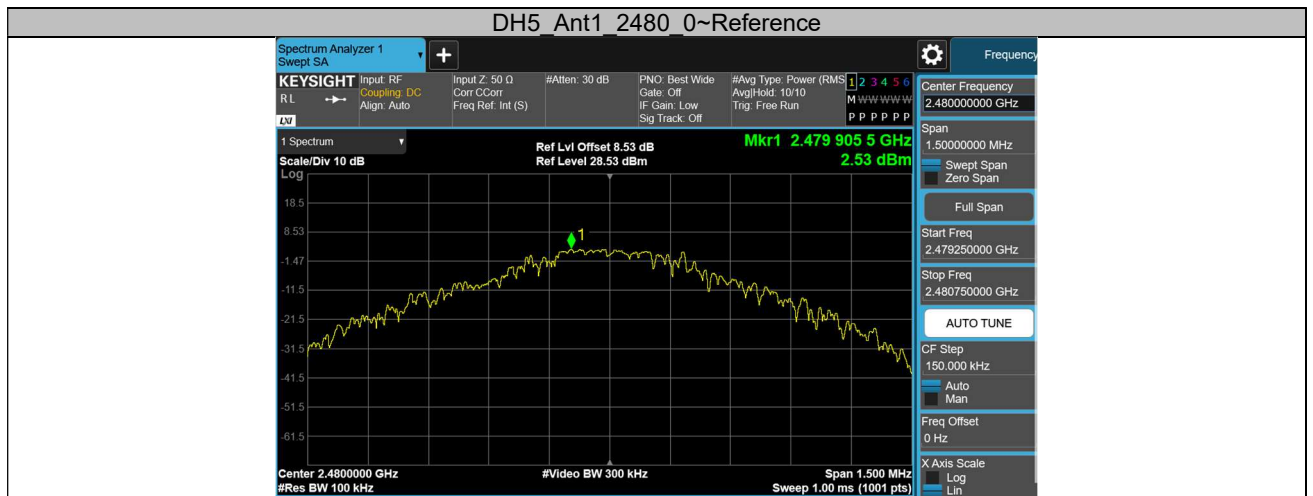
Appendix B.7: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

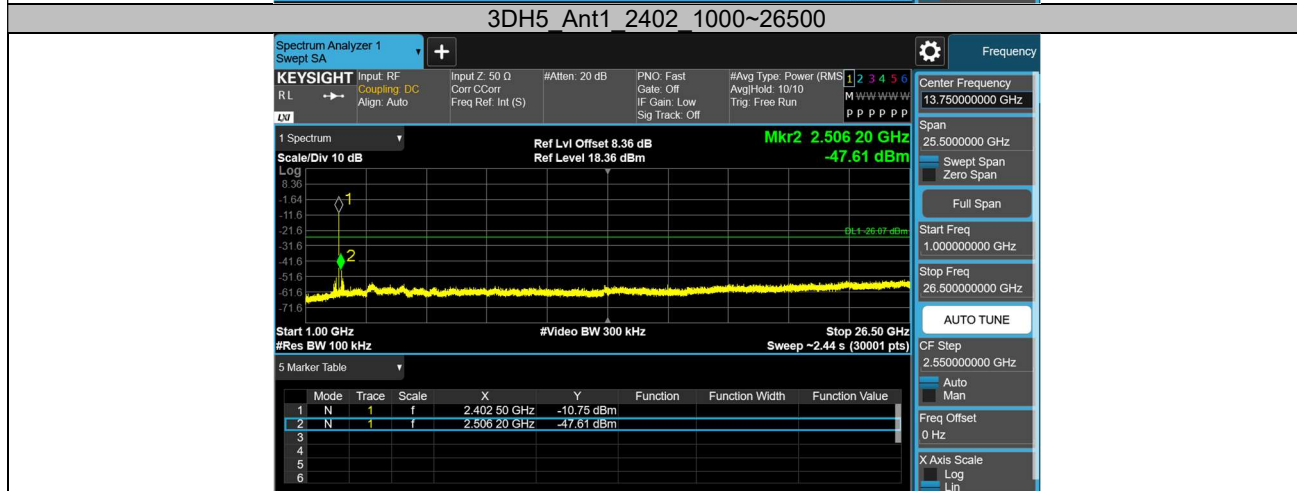
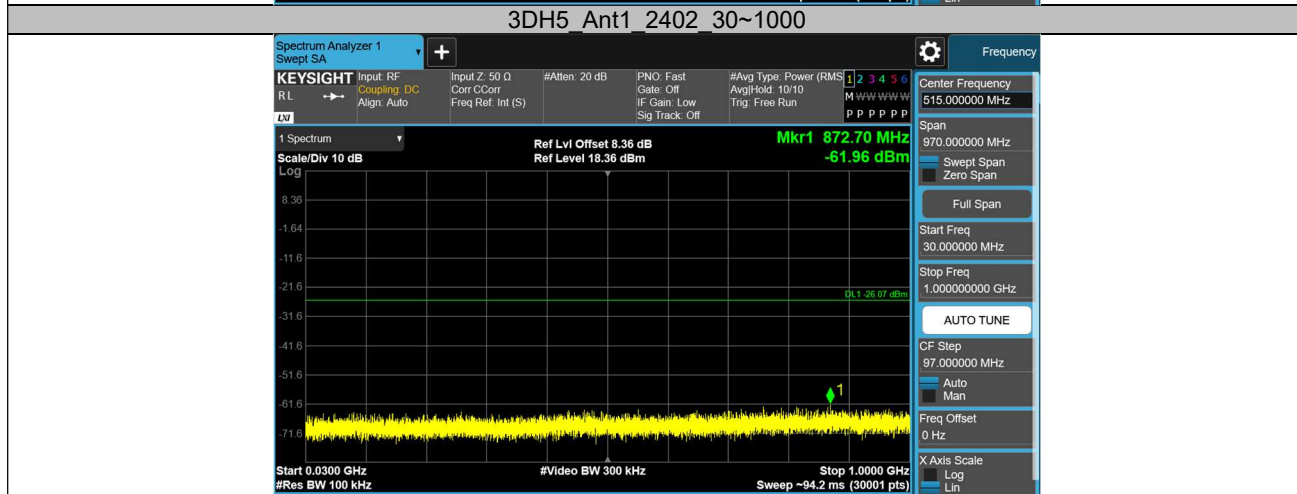
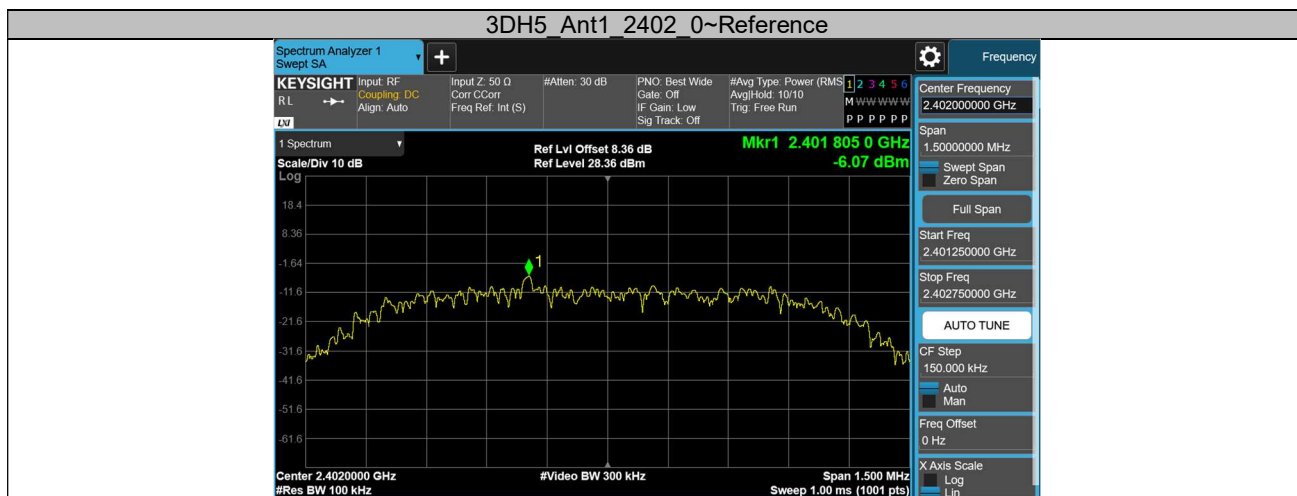
Conducted Spurious Emission

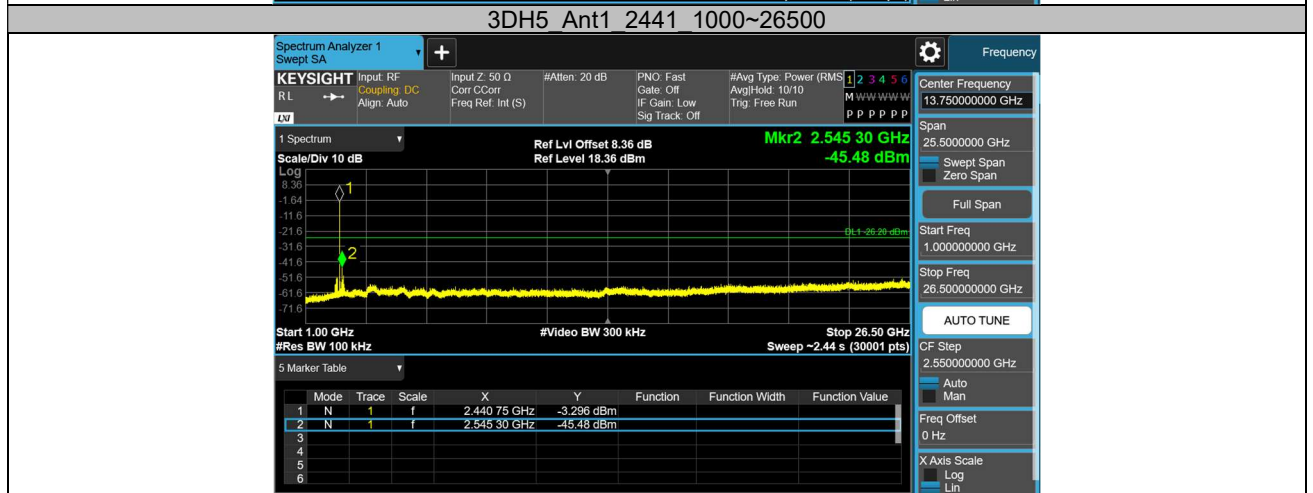
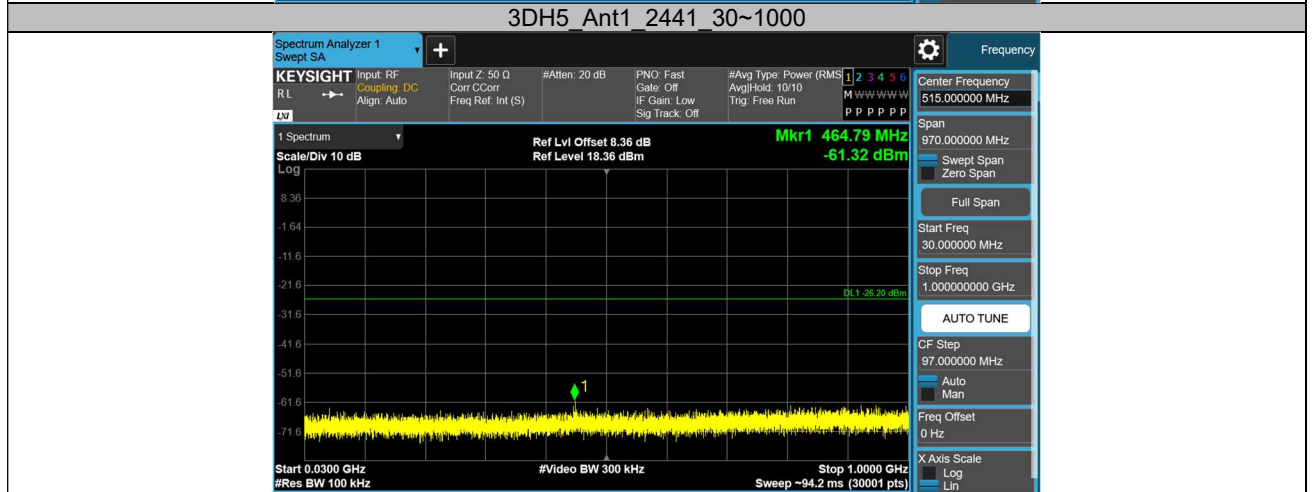
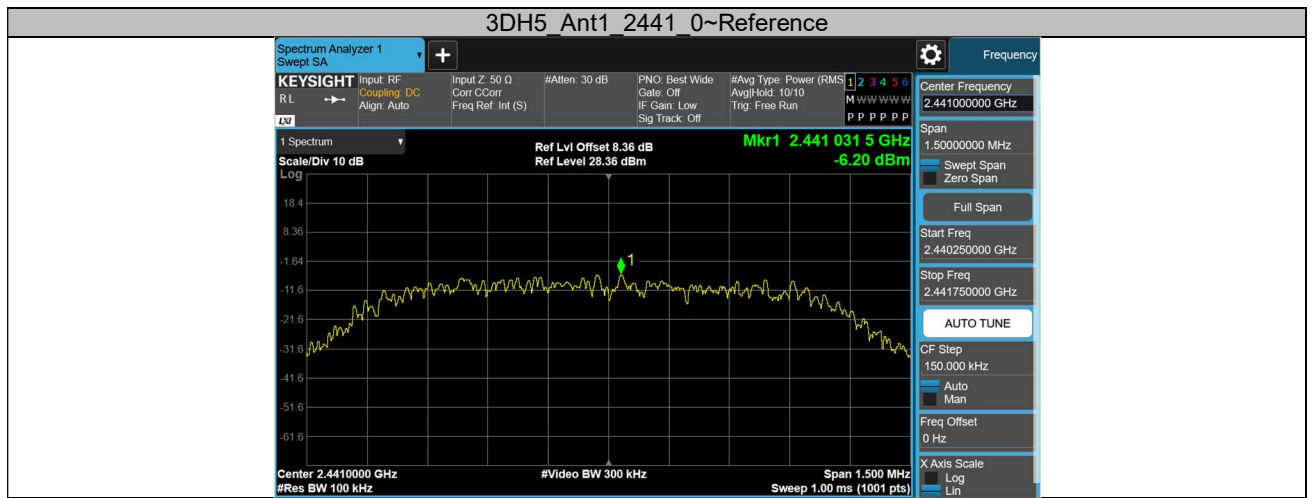
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.92	0.92	---	PASS
			30~1000	0.92	-62.83	≤-19.08	PASS
			1000~26500	0.92	-42.42	≤-19.08	PASS
		2441	Reference	3.10	3.10	---	PASS
			30~1000	3.10	-62.54	≤-16.9	PASS
			1000~26500	3.10	-41	≤-16.9	PASS
		2480	Reference	2.53	2.53	---	PASS
			30~1000	2.53	-61.9	≤-17.47	PASS
			1000~26500	2.53	-40.97	≤-17.47	PASS
3DH5	Ant1	2402	Reference	-6.07	-6.07	---	PASS
			30~1000	-6.07	-61.96	≤-26.07	PASS
			1000~26500	-6.07	-47.61	≤-26.07	PASS
		2441	Reference	-6.20	-6.20	---	PASS
			30~1000	-6.20	-61.32	≤-26.2	PASS
			1000~26500	-6.20	-45.48	≤-26.2	PASS
		2480	Reference	-7.20	-7.20	---	PASS
			30~1000	-7.20	-62.55	≤-27.2	PASS
			1000~26500	-7.20	-48.14	≤-27.2	PASS

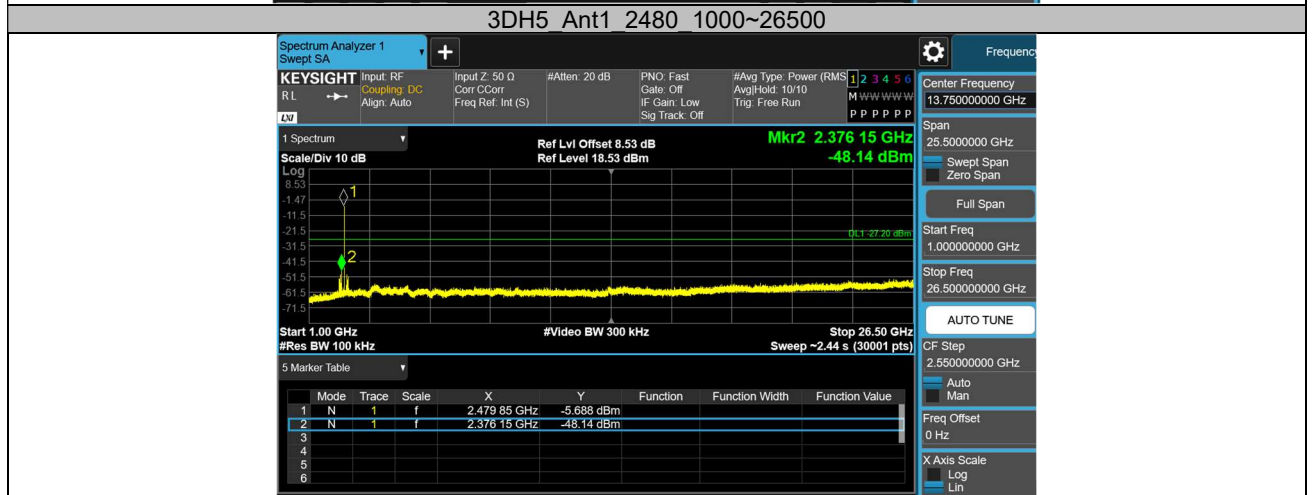
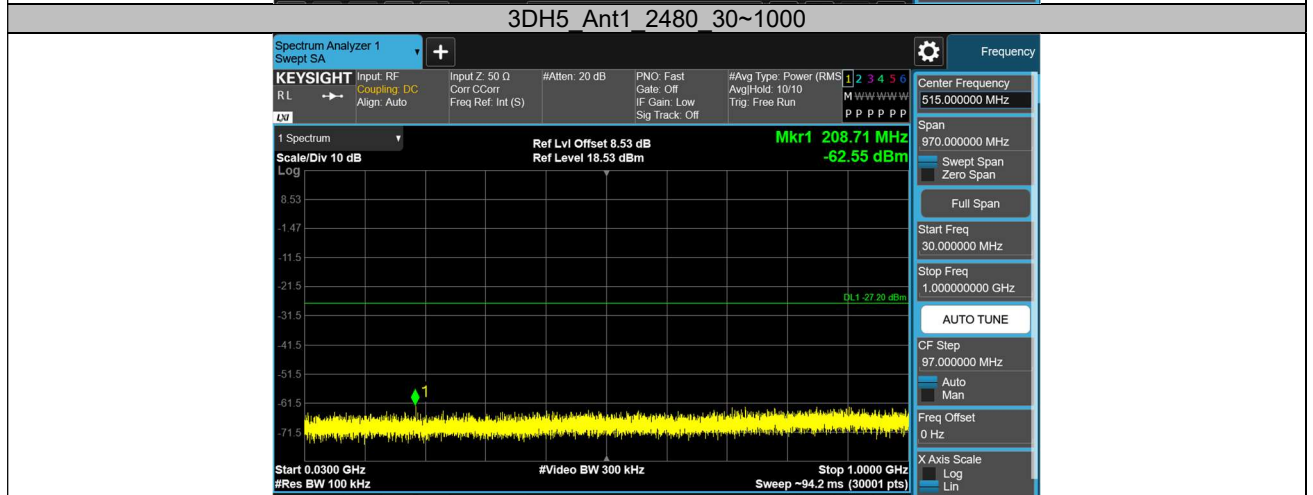
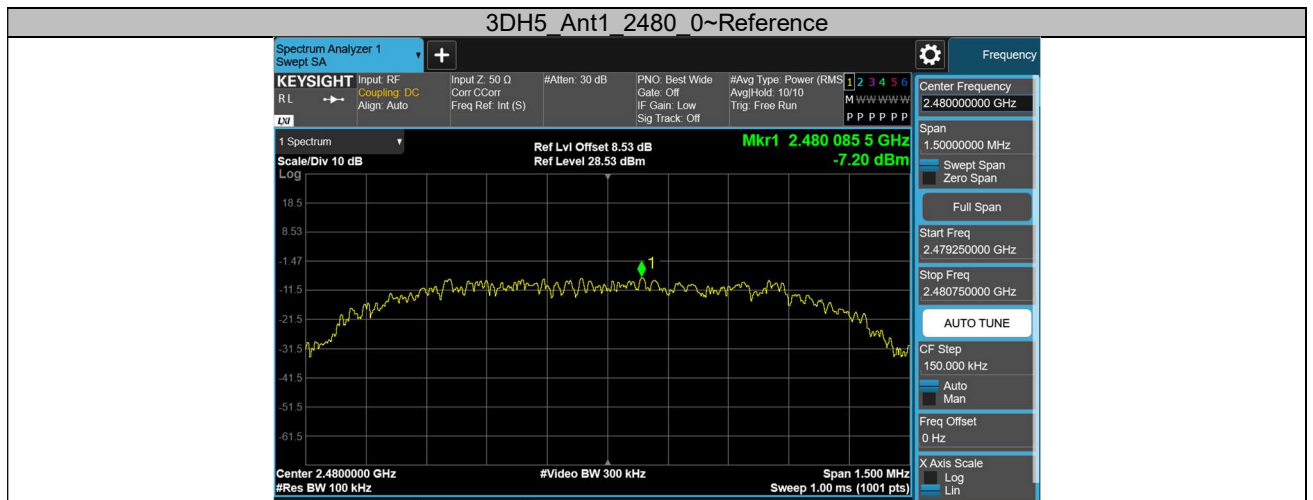








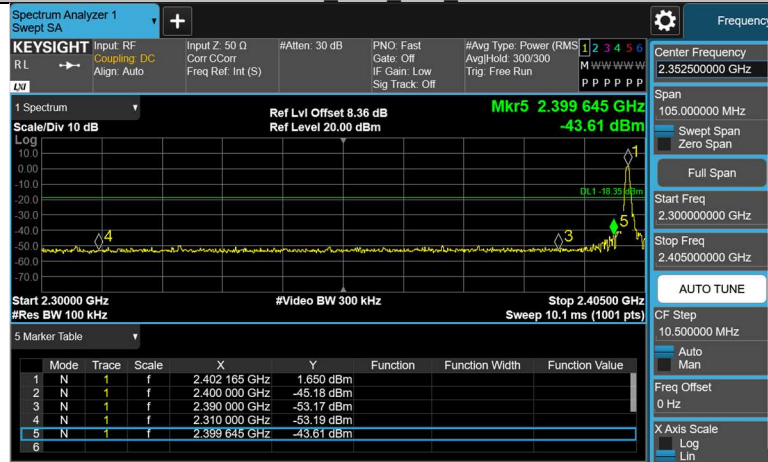




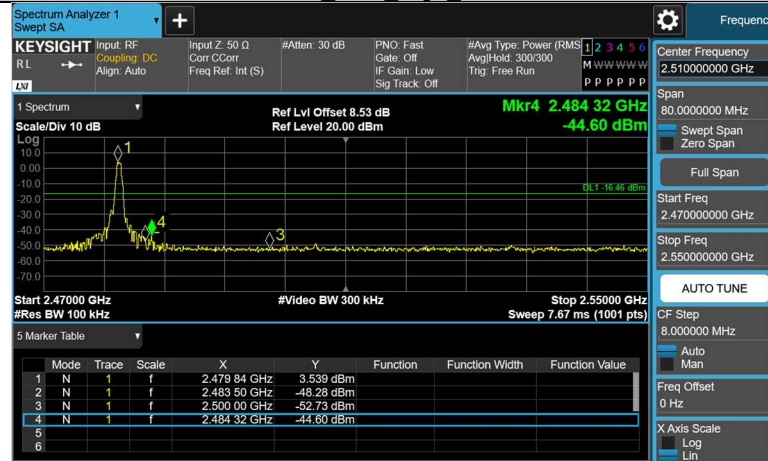
Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.65	-43.61	≤-18.35	PASS
		High	2480	3.54	-44.6	≤-16.46	PASS
		Low	Hop_2402	-3.43	-45.4	≤-23.43	PASS
		High	Hop_2480	-3.87	-41.77	≤-23.87	PASS
3DH5	Ant1	Low	2402	-5.03	-46.92	≤-25.03	PASS
		High	2480	-3.48	-49.94	≤-23.48	PASS
		Low	Hop_2402	-3.83	-44.79	≤-23.83	PASS
		High	Hop_2480	-3.78	-43.53	≤-23.78	PASS

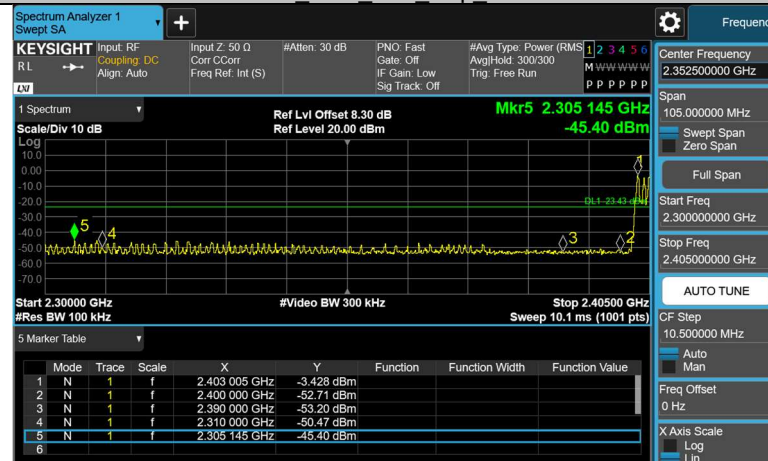
DH5 Ant1 Low 2402



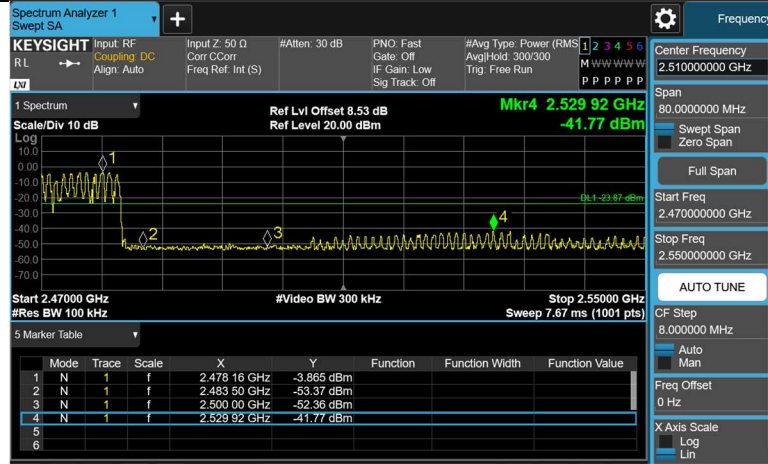
DH5 Ant1 High 2480



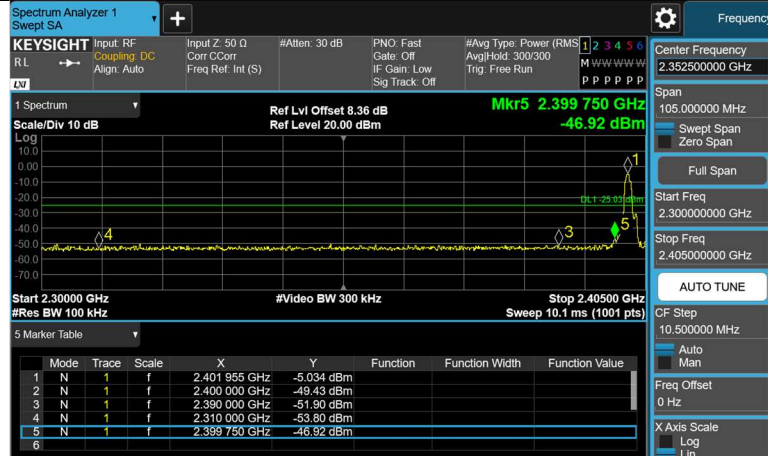
DH5 Ant1 Low Hop 2402



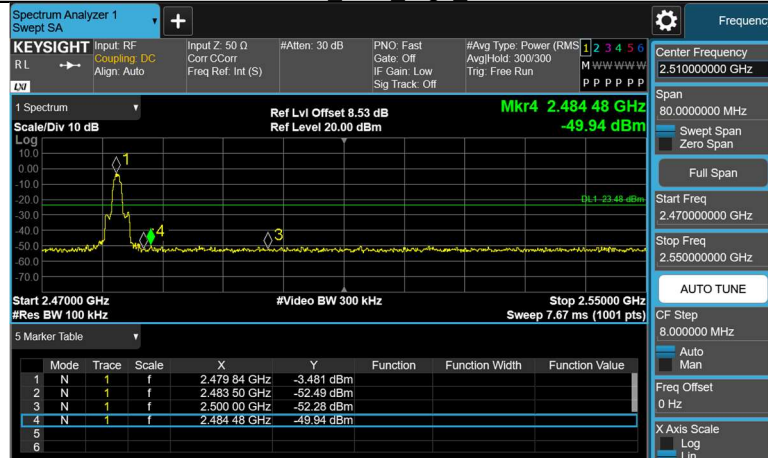
DH5 Ant1 High Hop 2480



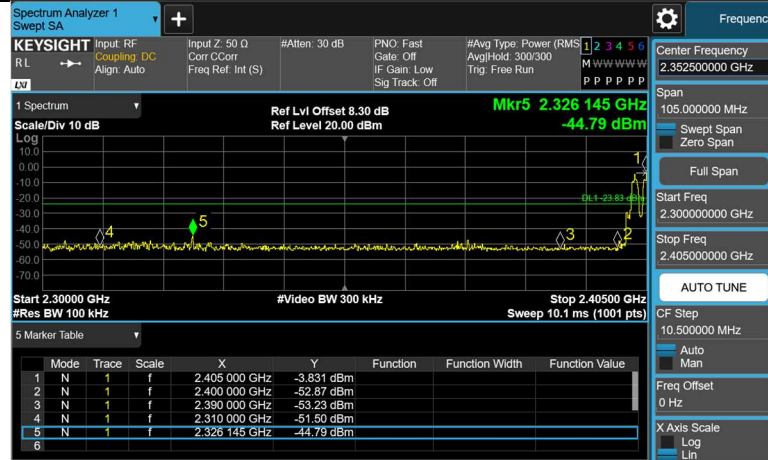
3DH5 Ant1 Low 2402



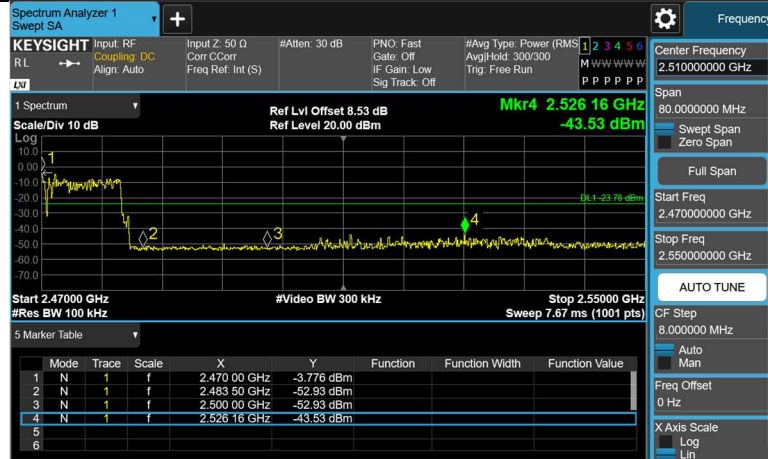
3DH5 Ant1 High 2480



3DH5 Ant1 Low Hop 2402

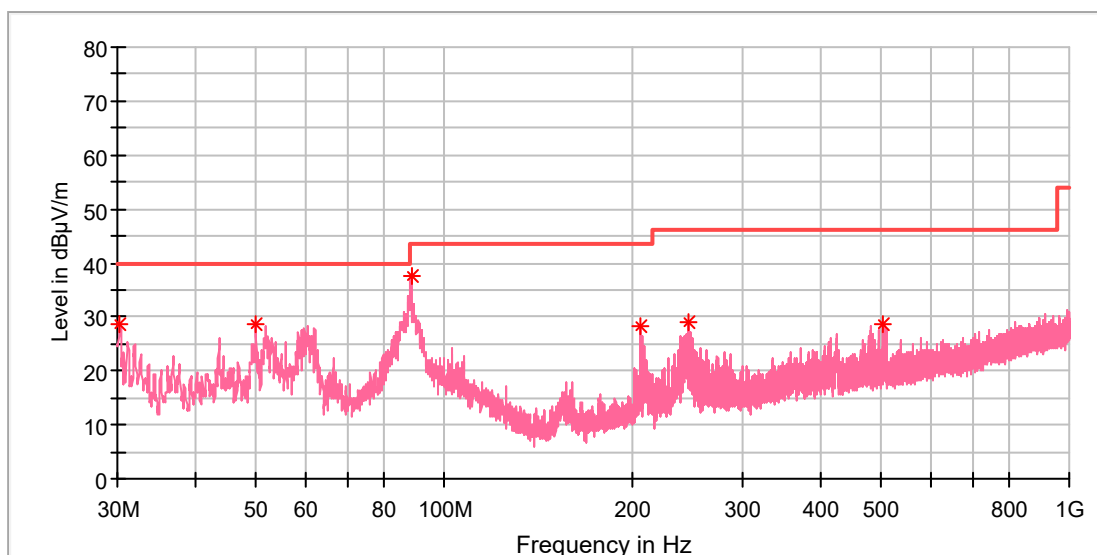


3DH5 Ant1 High Hop 2480



EUT Information

EUT Name:	Bluetooth Module
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:::	DC 3.3V
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

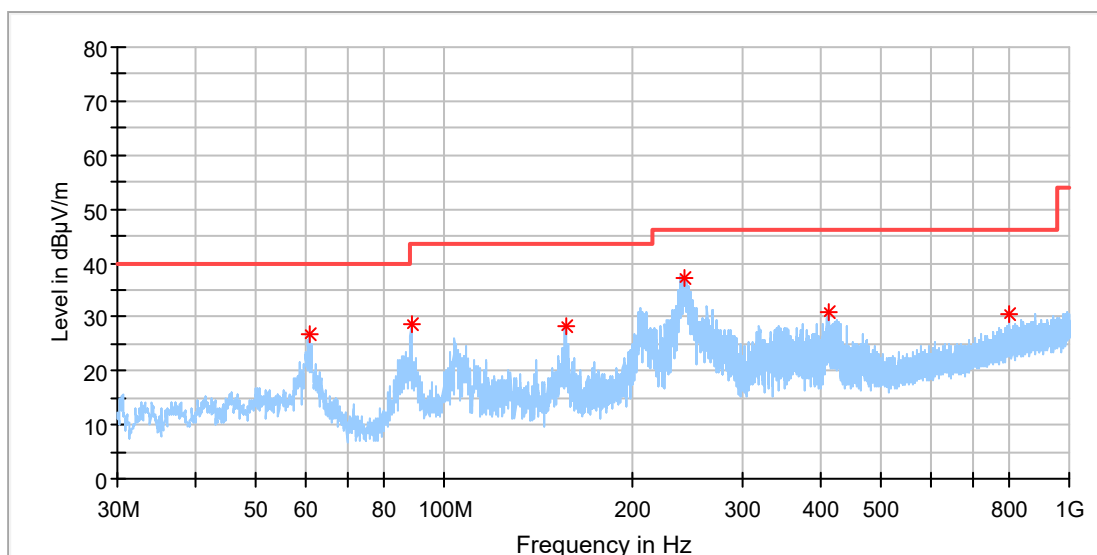
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
30.291000	28.47	40.00	11.53	100.0	V	0.0	-22.9
50.030500	28.71	40.00	11.29	100.0	V	188.0	-18.3
88.491000	37.72	43.50	5.78	100.0	V	265.0	-21.4
206.152000	28.11	43.50	15.39	100.0	V	271.0	-18.9
246.164500	29.19	46.00	16.81	100.0	V	277.0	-17.5
504.087500	28.54	46.00	17.46	100.0	V	277.0	-11.7

Final Result

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

EUT Name:	Bluetooth Module
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:::	DC 3.3V
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

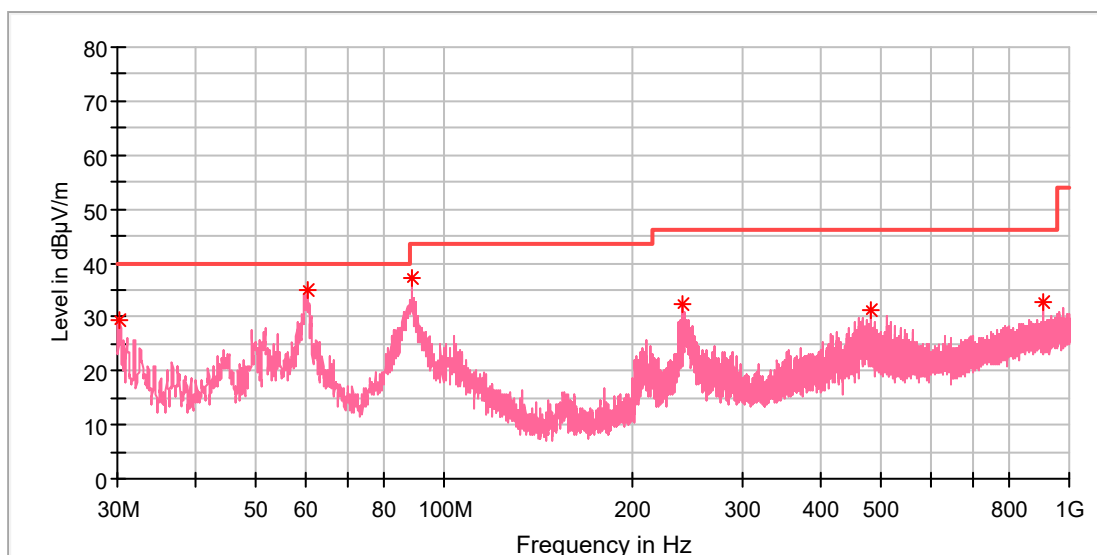
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
60.749000	26.92	40.00	13.08	100.0	H	0.0	-19.1
88.491000	28.78	43.50	14.72	100.0	H	263.0	-21.4
156.245500	28.28	43.50	15.22	100.0	H	283.0	-22.0
243.109000	37.32	46.00	8.68	100.0	H	241.0	-17.7
413.829000	30.75	46.00	15.25	100.0	H	17.0	-13.5
799.501000	30.52	46.00	15.48	100.0	H	3.0	-6.4

Final Result

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

EUT Name:	Bluetooth Module
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:::	DC 3.3V
Remark:	Temp 23 Humi:53%
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)
30.242500	29.44	40.00	10.56	100.0	V	297.0	-23.0
60.603500	35.05	40.00	4.95	100.0	V	175.0	-19.1
88.685000	37.33	43.50	6.17	100.0	V	133.0	-21.3
240.199000	32.32	46.00	13.68	100.0	V	283.0	-17.7
481.729000	31.41	46.00	14.59	100.0	V	283.0	-12.1
909.644500	32.61	46.00	13.39	100.0	V	128.0	-4.9

Final Result

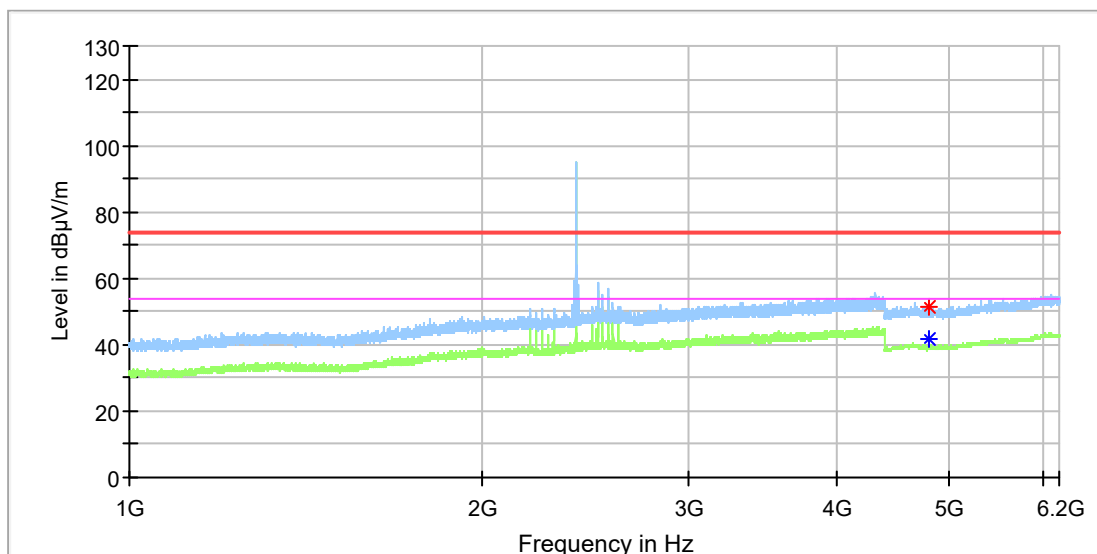
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz

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

EUT Information

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

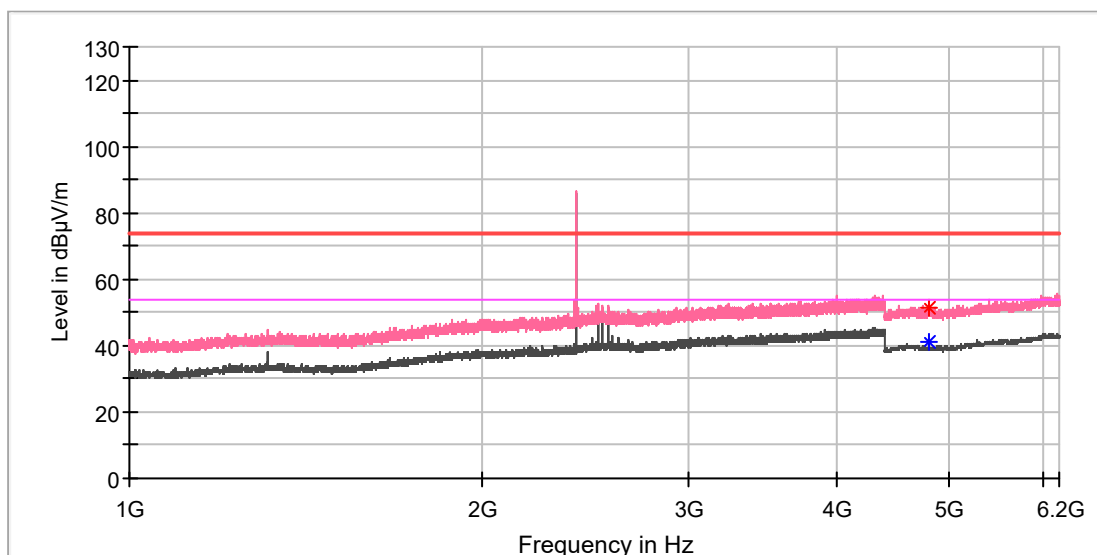
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.000000	51.17	---	74.00	22.83	100.0	H	56.0	11.8
4804.000000	---	42.00	54.00	12.00	100.0	H	56.0	11.8

Final Result

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

EUT Information

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

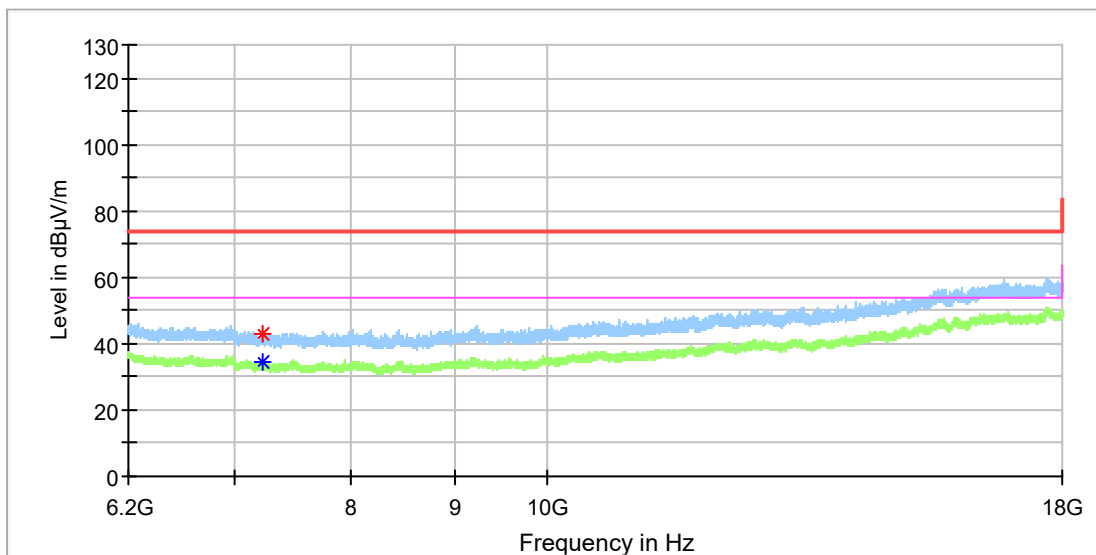
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.500000	---	40.85	54.00	13.15	100.0	V	41.0	11.8
4804.000000	51.60	---	74.00	22.40	100.0	V	34.0	11.8

Final Result

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

EUT Information

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

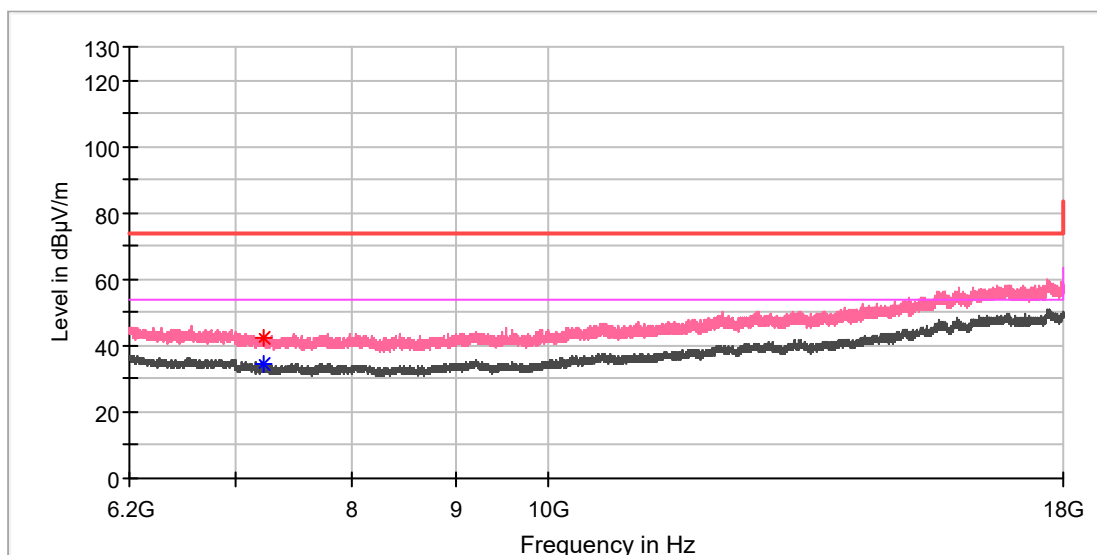
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7219.225000	---	34.53	54.00	19.47	100.0	H	217.0	8.7
7225.125000	43.21	---	74.00	30.79	100.0	H	156.0	8.7

Final Result

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

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

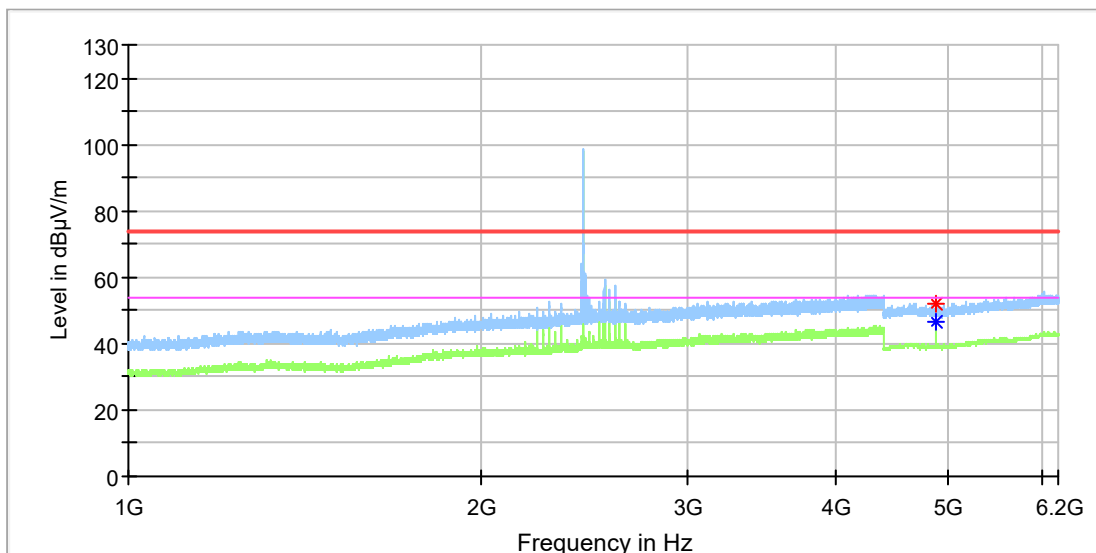
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7219.716667	42.22	---	74.00	31.78	100.0	V	176.0	8.7
7224.633333	---	34.48	54.00	19.52	100.0	V	0.0	8.7

Final Result

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

EUT Information

EUT Name: BLUETOOTH MODULE
 Model: GOC-Q82008W
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168345062/A003258186-002
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

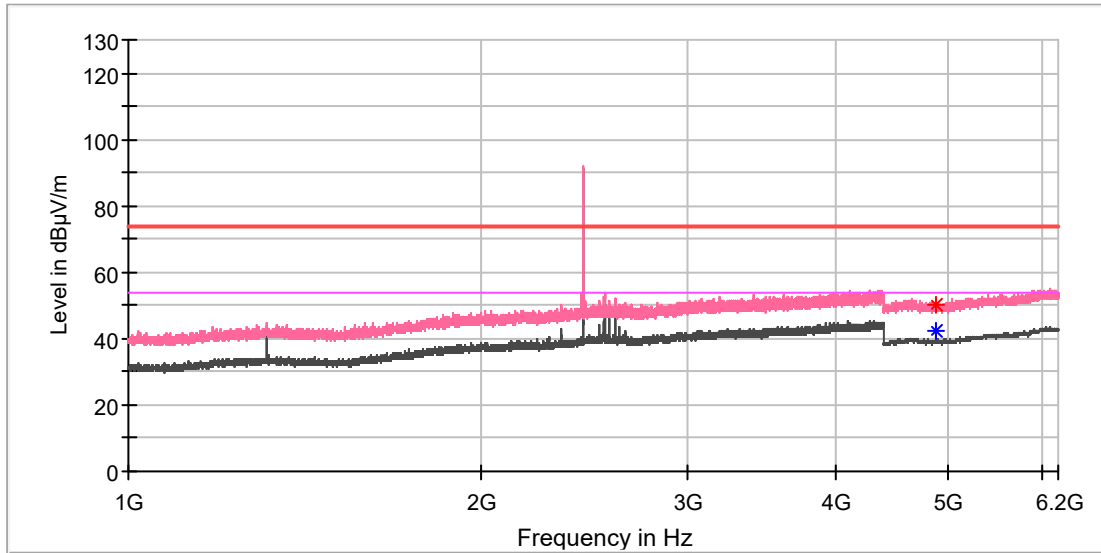
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.000000	52.17	---	74.00	21.83	100.0	H	83.0	11.8
4882.000000	---	46.39	54.00	7.61	100.0	H	83.0	11.8

Final Result

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

EUT Information

EUT Name: BLUETOOTH MODULE
 Model: GOC-Q82008W
 Test Mode: BR_DH5_Mid channel
 Order No/Sample No: 168345062/A003258186-002
 Test Voltage: DC 3.3V
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

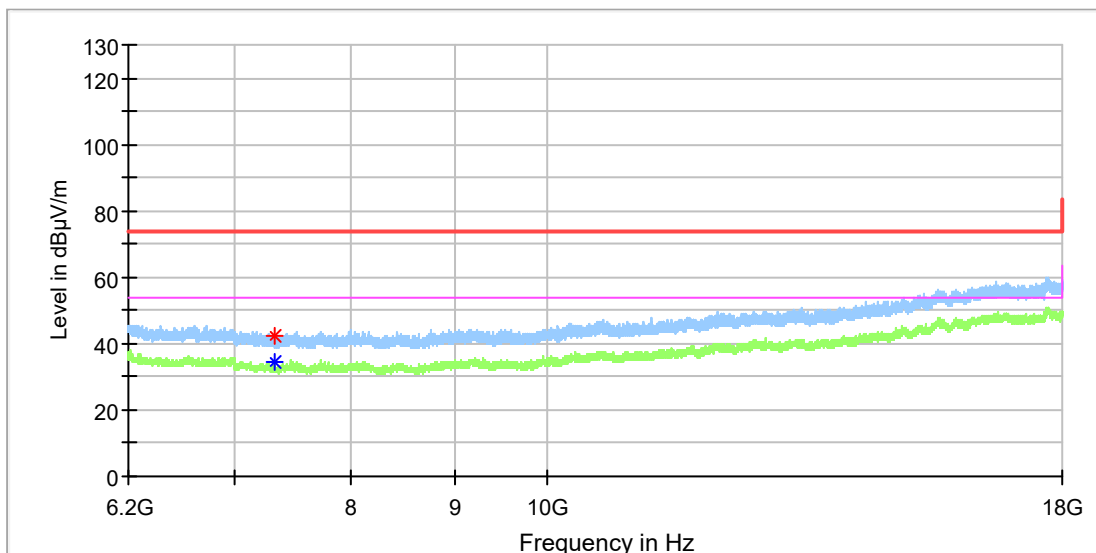
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4882.000000	50.27	---	74.00	23.73	100.0	V	26.0	11.8
4882.000000	---	42.50	54.00	11.50	100.0	V	26.0	11.8

Final Result

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

EUT Information

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

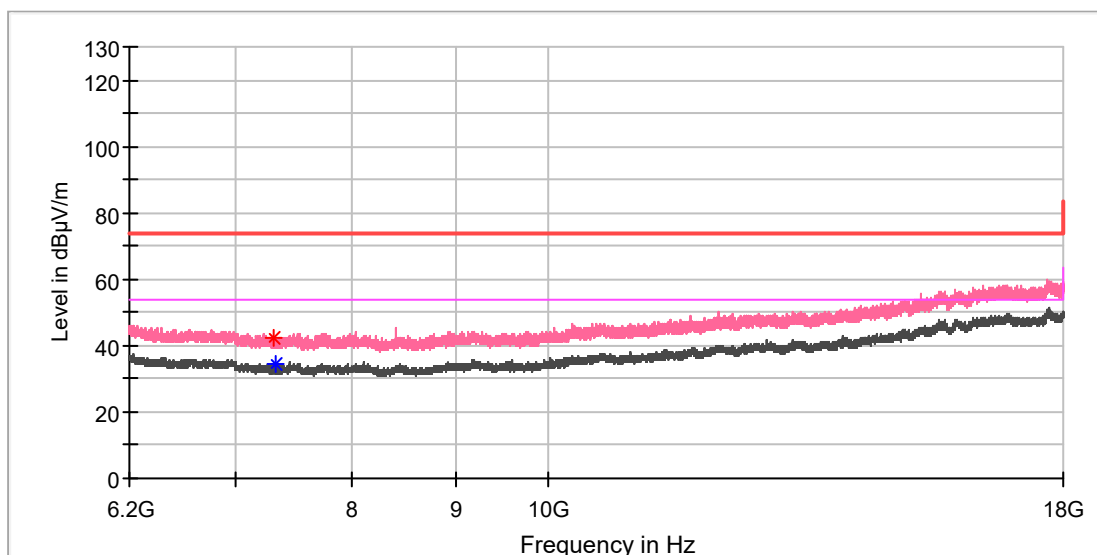
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.475000	---	34.76	54.00	19.24	100.0	H	82.0	8.2
7323.950000	42.49	---	74.00	31.51	100.0	H	213.0	8.2

Final Result

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

EUT Information

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Mid channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

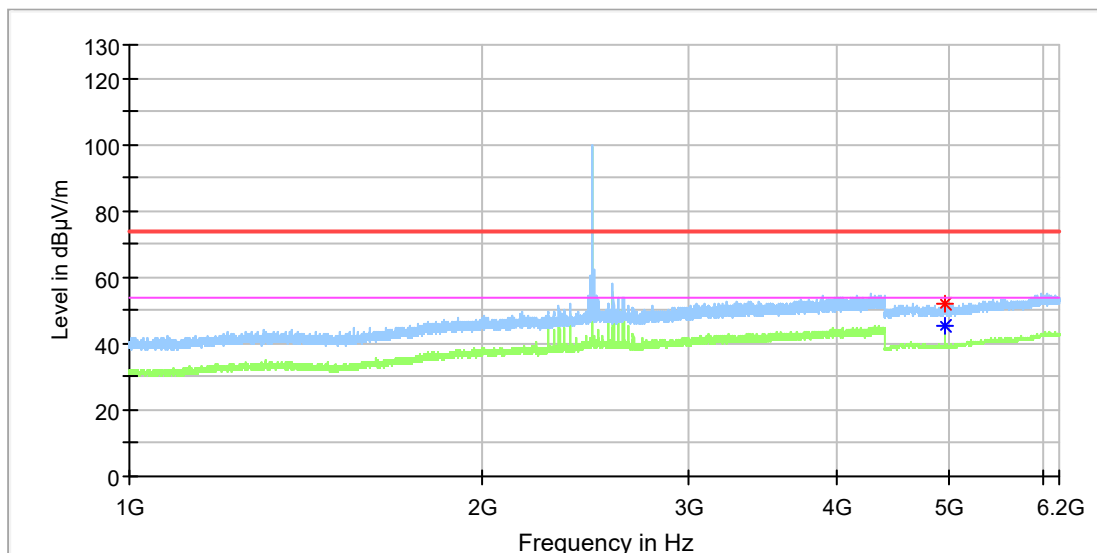
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7316.575000	42.35	---	74.00	31.65	100.0	V	148.0	8.2
7322.475000	---	34.32	54.00	19.68	100.0	V	113.0	8.2

Final Result

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

EUT Information

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

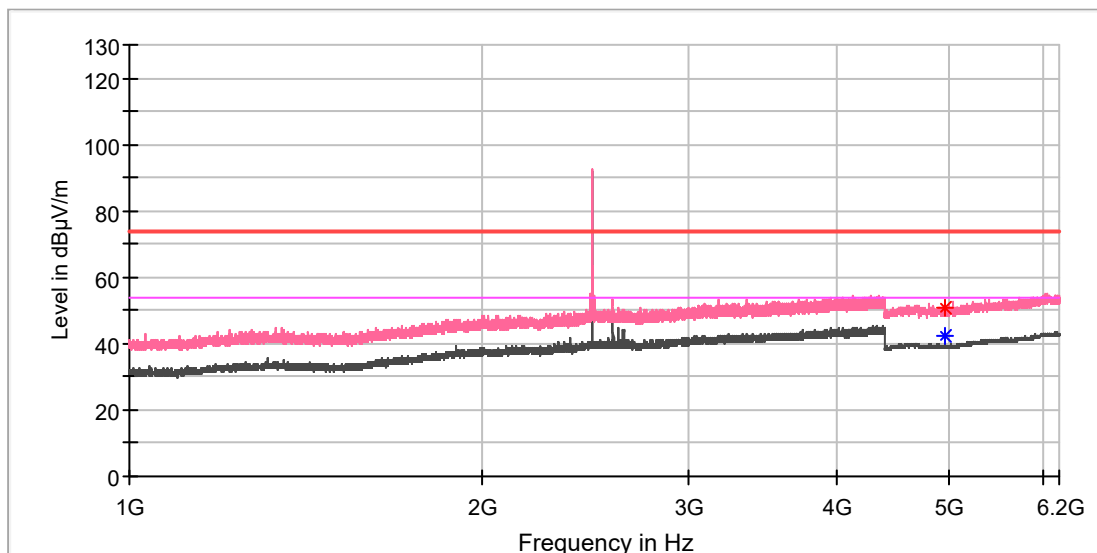
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4960.000000	---	45.28	54.00	8.72	100.0	H	88.0	11.8
4960.500000	52.00	---	74.00	22.00	100.0	H	66.0	11.8

Final Result

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

EUT Information

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

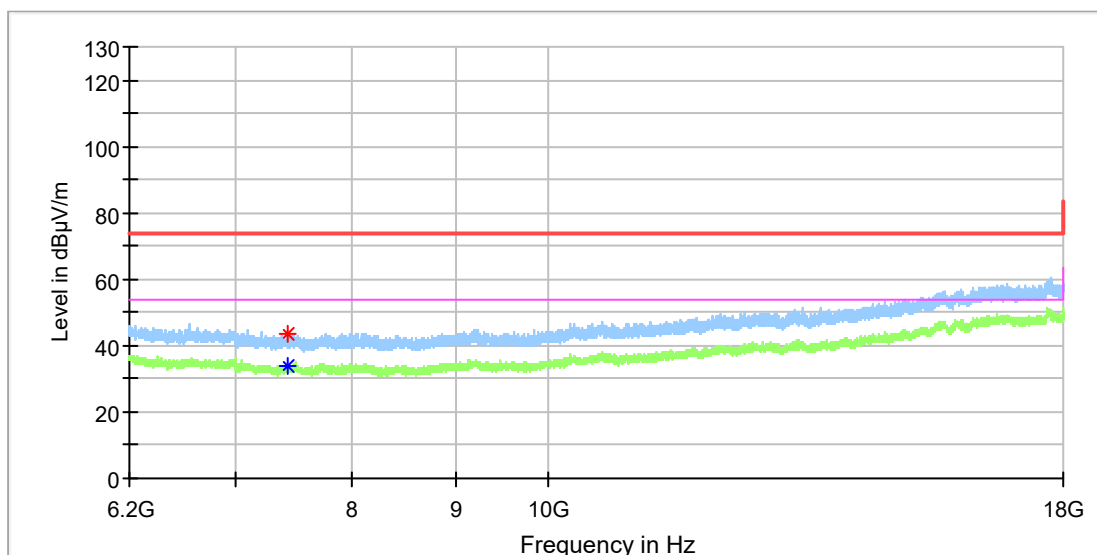
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4957.500000	50.93	---	74.00	23.07	100.0	V	56.0	11.8
4960.000000	---	42.12	54.00	11.88	100.0	V	41.0	11.8

Final Result

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

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

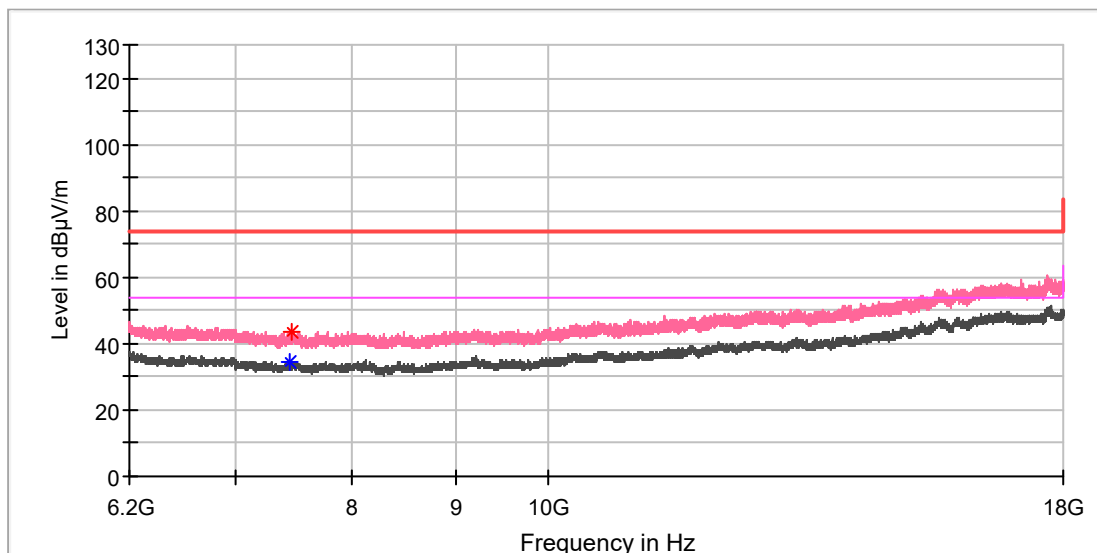
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7429.658333	---	33.78	54.00	20.22	100.0	H	78.0	8.4
7436.050000	43.42	---	74.00	30.58	100.0	H	78.0	8.4

Final Result

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

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

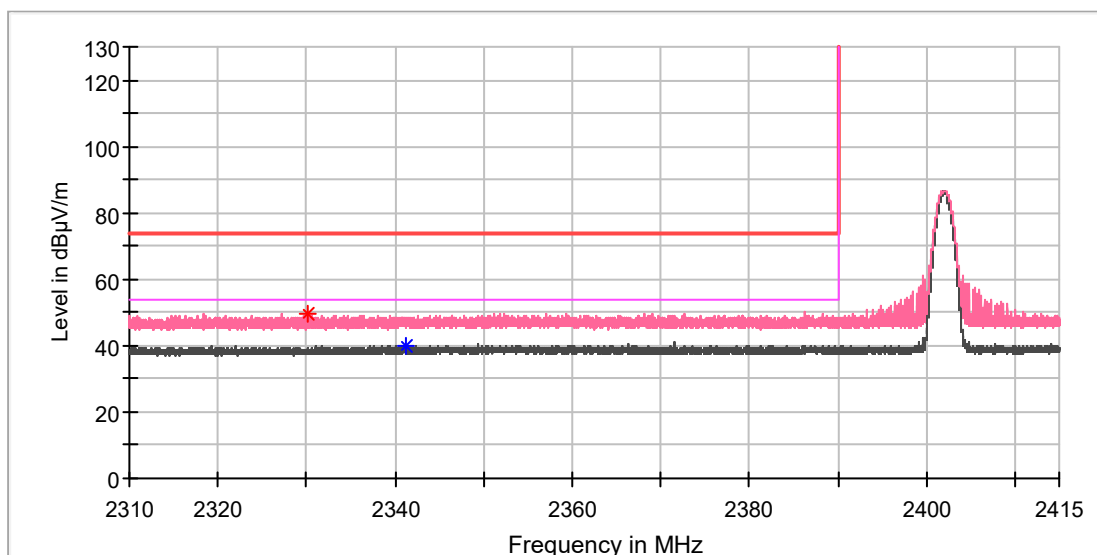
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7441.458333	---	34.22	54.00	19.78	100.0	V	232.0	8.4
7454.241667	43.61	---	74.00	30.39	100.0	V	232.0	8.5

Final Result

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

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_Low channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

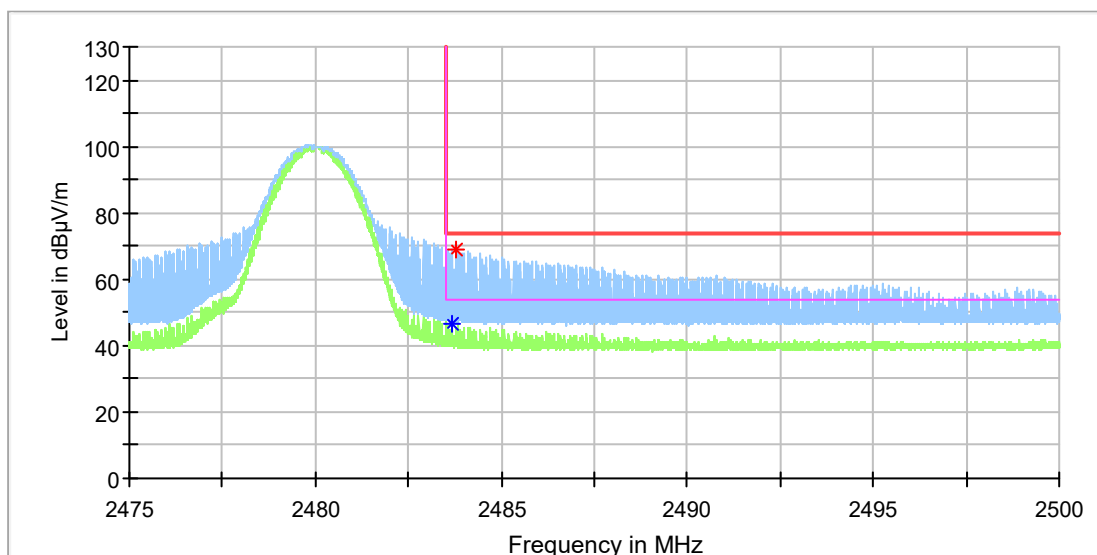
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2330.181000	49.49	---	74.00	24.51	100.0	V	224.0	6.7
2341.290000	---	39.67	54.00	14.33	100.0	V	27.0	6.8

Final Result

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

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

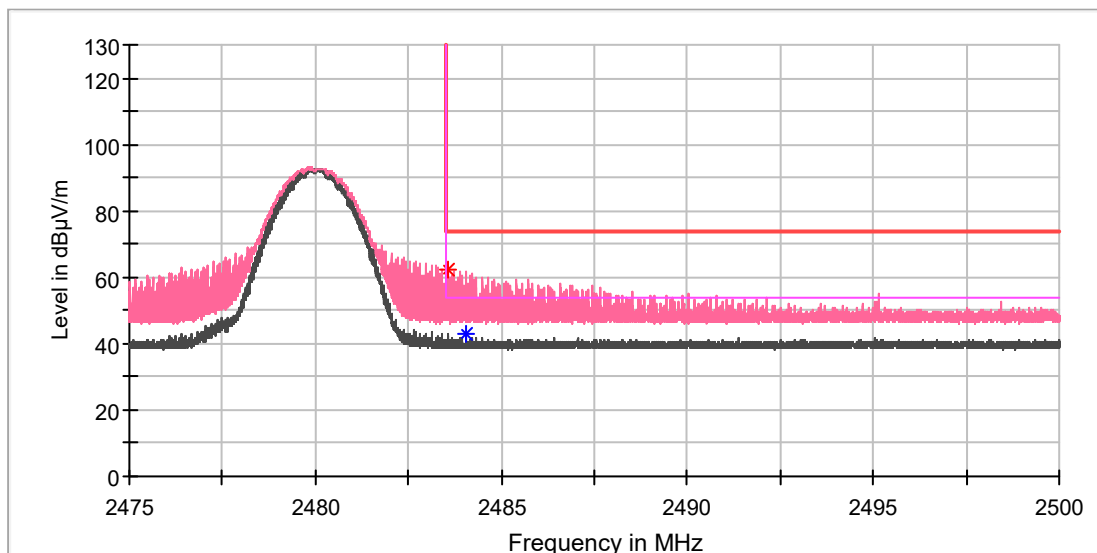
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.692500	---	46.40	54.00	7.60	100.0	H	169.0	7.4
2483.802500	69.23	---	74.00	4.77	100.0	H	158.0	7.4

Final Result

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

EUT Name:	BLUETOOTH MODULE
Model:	GOC-Q82008W
Test Mode:	BR_DH5_High channel
Order No/Sample No:	168345062/A003258186-002
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:52%
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)
2483.587500	62.10	---	74.00	11.90	100.0	V	59.0	7.4
2484.030000	---	42.95	54.00	11.05	100.0	V	201.0	7.4

Final Result

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