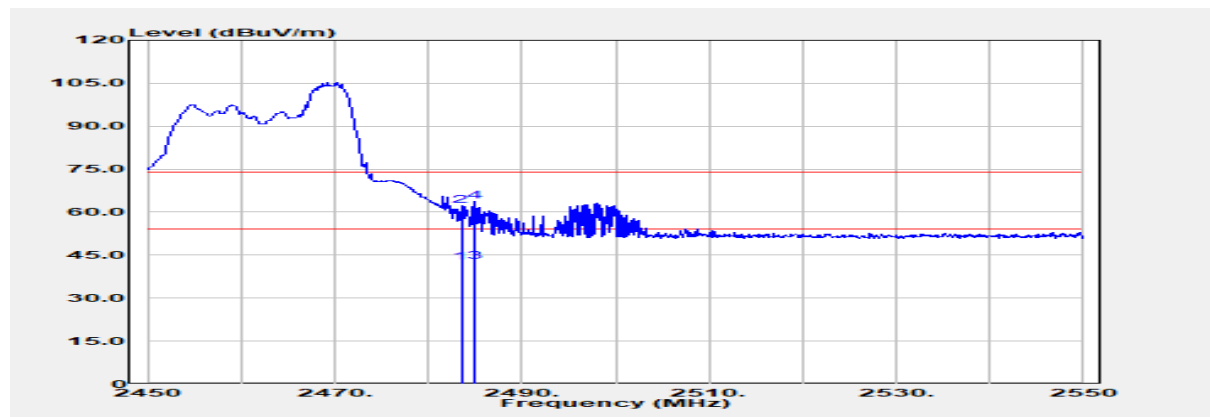


Report Number :TERF2211002513E2
 Operation Mode :802.11ax20
 Test Frequency :2462 MHz
 Test Mode :Bandedge RU 52/40
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-07
 Temp./Humi. :26.0/60
 Antenna Pol. :Vertical
 Engineer :Andy Wang



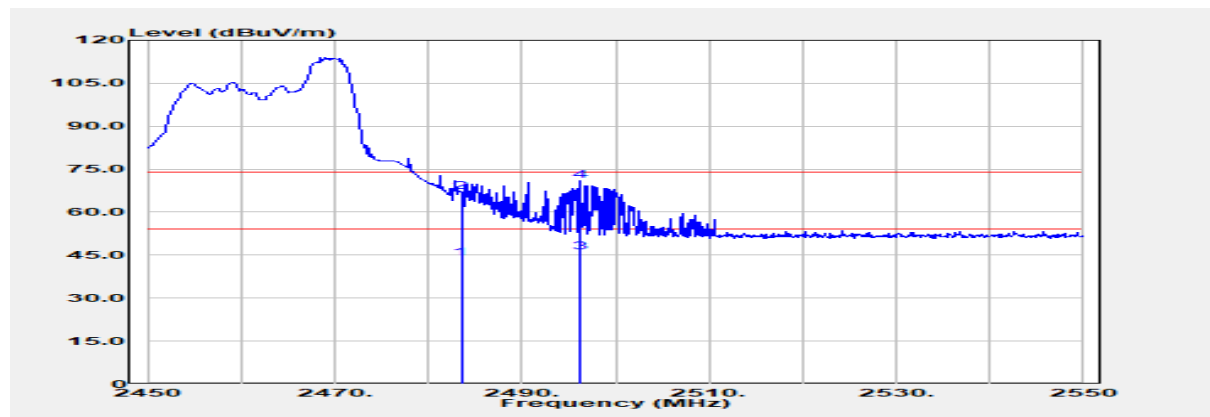
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2483.500	Average	38.10	4.20	42.30	54.00	-11.70
2483.500	Peak	57.93	4.20	62.13	74.00	-11.87
2485.000	Average	38.48	4.20	42.68	54.00	-11.32
2485.000	Peak	59.70	4.20	63.89	74.00	-10.11

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Report Number :TERF2211002513E2
 Operation Mode :802.11ax20
 Test Frequency :2462 MHz
 Test Mode :Bandedge RU 52/40
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-07
 Temp./Humi. :26.0/60
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



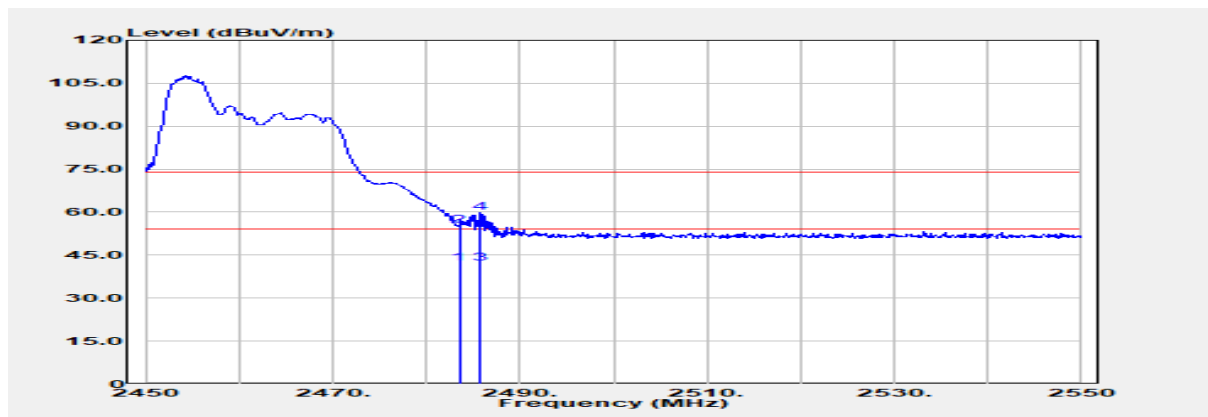
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2483.500	Average	39.85	4.20	44.05	54.00	-9.95
2483.500	Peak	62.88	4.20	67.08	74.00	-6.92
2496.300	Average	41.86	4.17	46.03	54.00	-7.97
2496.300	Peak	66.89	4.17	71.06	74.00	-2.94

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Report Number :TERF2211002513E2
 Operation Mode :802.11ax20
 Test Frequency :2462 MHz
 Test Mode :Bandedge RU 52/37
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-07
 Temp./Humi. :26.0/60
 Antenna Pol. :Vertical
 Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2483.500	Average	37.99	4.20	42.19	54.00	-11.81
2483.500	Peak	51.25	4.20	55.45	74.00	-18.55
2485.800	Average	37.86	4.19	42.06	54.00	-11.94
2485.800	Peak	55.70	4.19	59.90	74.00	-14.10

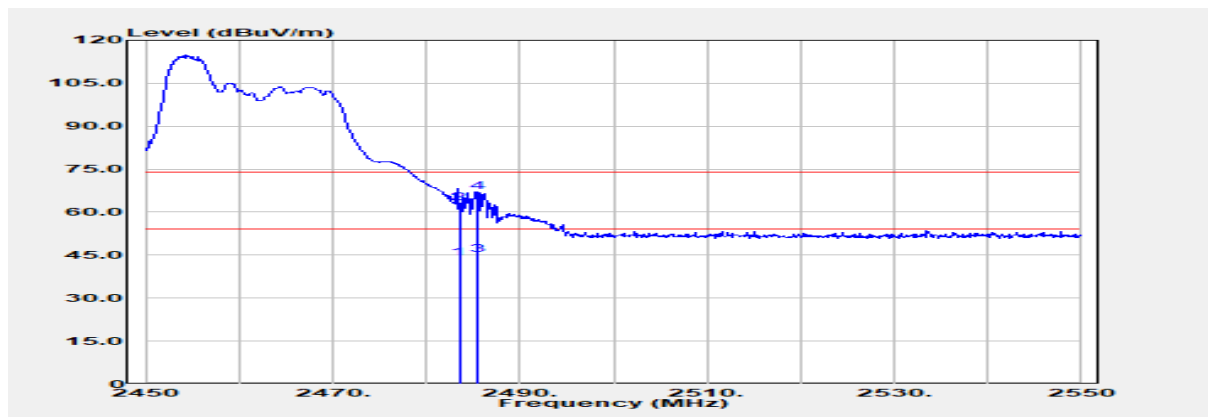
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Report Number :TERF2211002513E2
 Operation Mode :802.11ax20
 Test Frequency :2462 MHz
 Test Mode :Bandedge RU 52/37
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-07
 Temp./Humi. :26.0/60
 Antenna Pol. :Horizontal
 Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Average	39.86	4.20	44.06	54.00	-9.94
2483.500	Peak	59.01	4.20	63.21	74.00	-10.79
2485.500	Average	41.02	4.20	45.22	54.00	-8.78
2485.500	Peak	62.94	4.20	67.13	74.00	-6.87

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-07

Test Frequency :2462 MHz

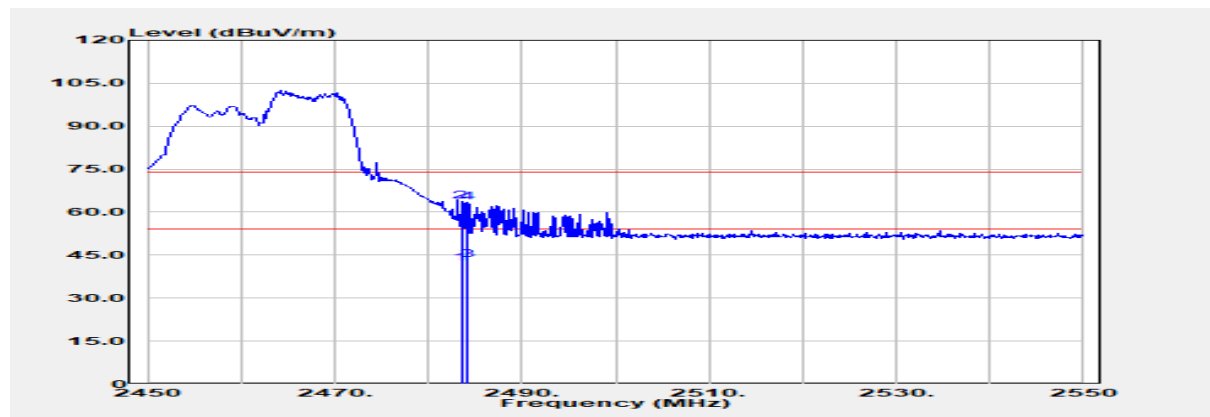
Temp./Humi. :26.0/60

Test Mode :Bandedge RU 106/54

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



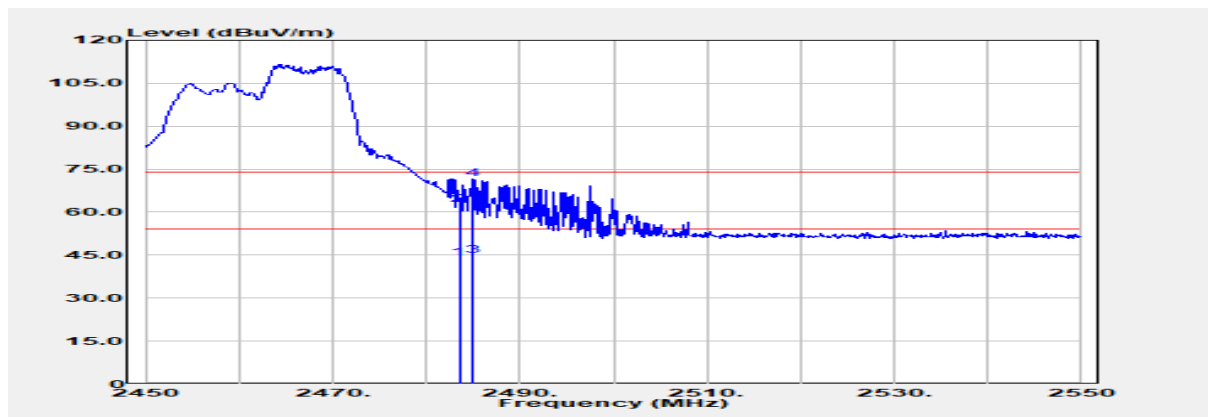
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2483.500	Average	37.91	4.20	42.11	54.00	-11.89
2483.500	Peak	59.60	4.20	63.80	74.00	-10.20
2484.100	Average	38.98	4.20	43.17	54.00	-10.83
2484.100	Peak	59.22	4.20	63.42	74.00	-10.58

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Report Number :TERF2211002513E2
Operation Mode :802.11ax20
Test Frequency :2462 MHz
Test Mode :Bandedge RU 106/54
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2023-02-07
Temp./Humi. :26.0/60
Antenna Pol. :Horizontal
Engineer :Andy Wang



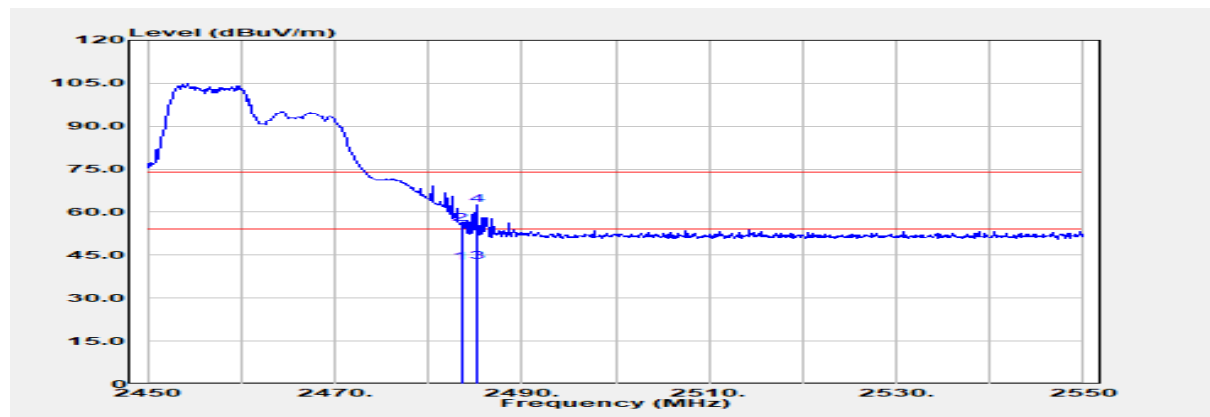
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2483.500	Average	39.80	4.20	44.00	54.00	-10.00
2483.500	Peak	58.44	4.20	62.64	74.00	-11.36
2485.000	Average	40.52	4.20	44.72	54.00	-9.28
2485.000	Peak	67.40	4.20	71.60	74.00	-2.40

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Report Number :TERF2211002513E2
 Operation Mode :802.11ax20
 Test Frequency :2462 MHz
 Test Mode :Bandedge RU 106/53
 EUT Pol :E2 Plane

Test Site :SAC C
 Test Date :2023-02-07
 Temp./Humi. :26.0/60
 Antenna Pol. :Vertical
 Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2483.500	Average	38.06	4.20	42.26	54.00	-11.74
2483.500	Peak	51.68	4.20	55.88	74.00	-18.12
2485.200	Average	38.44	4.20	42.63	54.00	-11.37
2485.200	Peak	58.49	4.20	62.69	74.00	-11.31

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-07

Test Frequency :2462 MHz

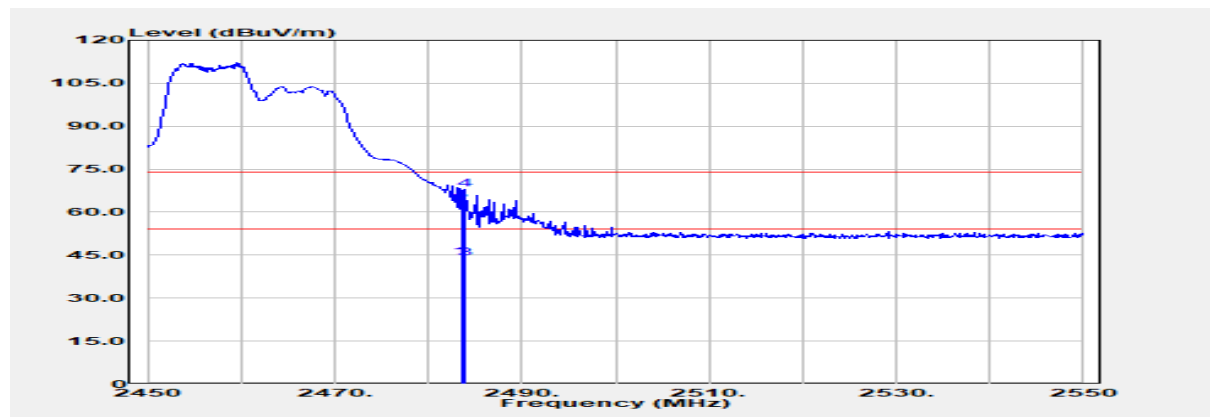
Temp./Humi. :26.0/60

Test Mode :Bandedge RU 106/53

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2483.500	Average	39.89	4.20	44.09	54.00	-9.91
2483.500	Peak	58.62	4.20	62.82	74.00	-11.18
2483.800	Average	39.66	4.20	43.86	54.00	-10.14
2483.800	Peak	63.76	4.20	67.96	74.00	-6.04

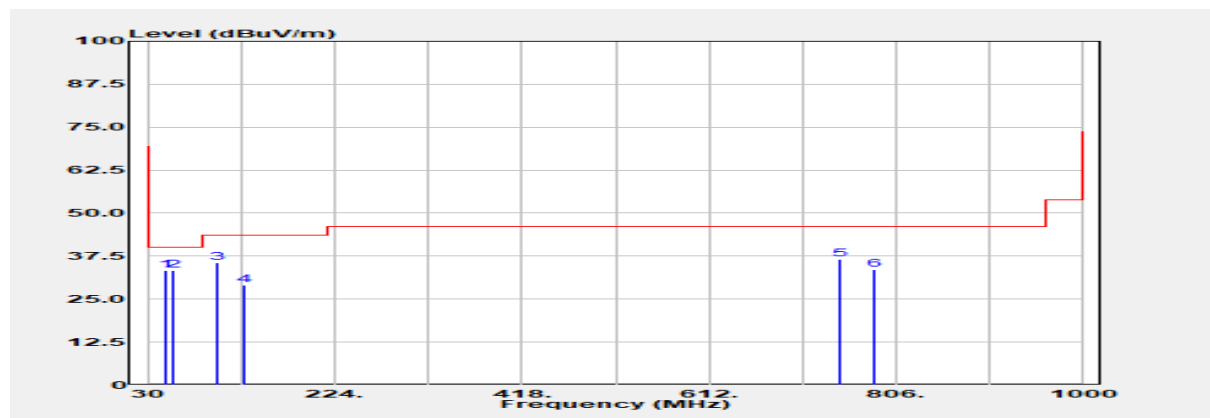
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11.6.2 Spurious Emission: ANT0(monopole)

Report Number :TERF2211002513E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2023-02-13
Temp./Humi. :22.1/72
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
48.430	Peak	46.13	-12.85	33.29	40.00	-6.71
56.190	Peak	46.43	-12.98	33.45	40.00	-6.55
101.780	Peak	52.37	-16.87	35.51	43.50	-7.99
130.880	Peak	42.82	-13.73	29.10	43.50	-14.40
746.830	Peak	37.33	-0.62	36.72	46.00	-9.28
783.690	Peak	32.73	0.93	33.66	46.00	-12.34

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-13

Test Frequency :2437 MHz

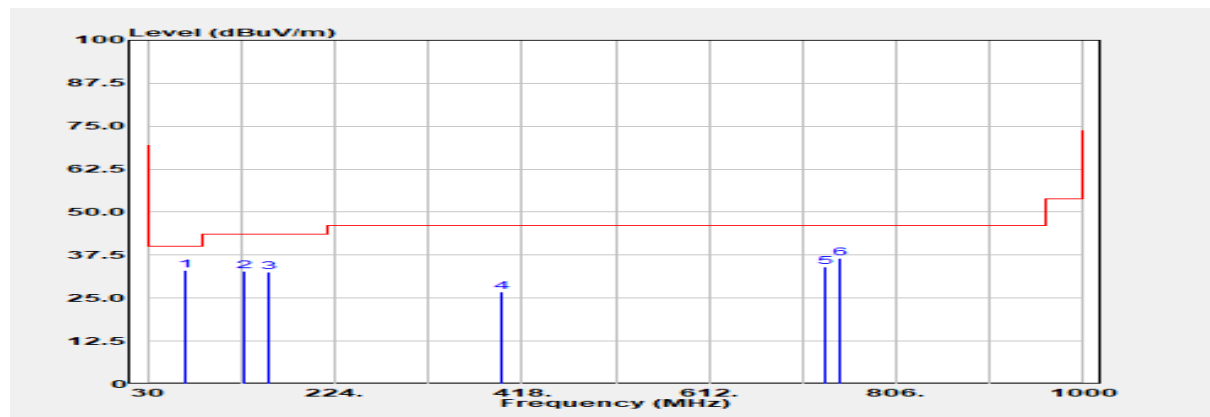
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
69.770	Peak	48.31	-15.26	33.05	40.00	-6.95
130.880	Peak	46.64	-13.73	32.91	43.50	-10.59
156.100	Peak	44.54	-12.07	32.48	43.50	-11.02
397.630	Peak	35.08	-8.18	26.90	46.00	-19.10
733.250	Peak	34.44	-0.45	33.99	46.00	-12.01
746.830	Peak	37.24	-0.62	36.62	46.00	-9.38

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

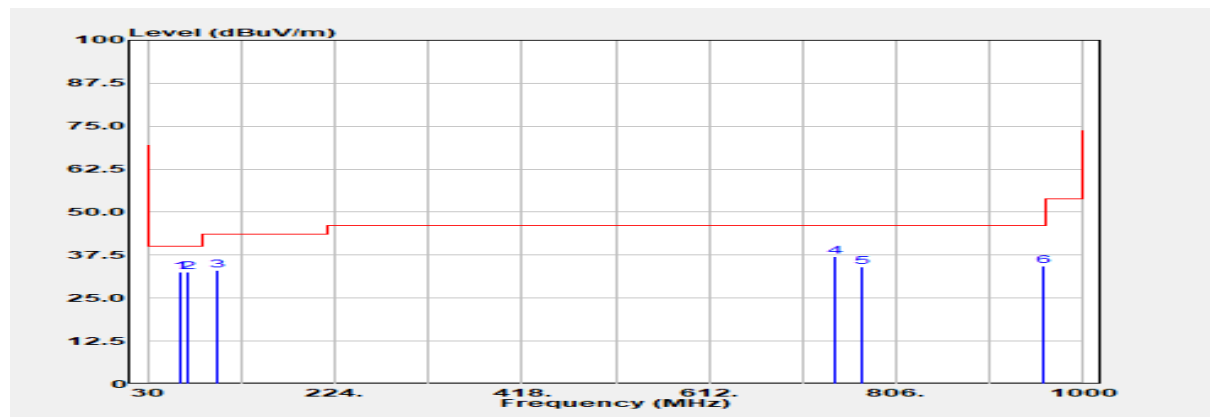
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
62.980	Peak	46.65	-13.99	32.66	40.00	-7.34
70.740	Peak	47.90	-15.26	32.65	40.00	-7.35
101.780	Peak	49.85	-16.87	32.99	43.50	-10.51
741.980	Peak	37.65	-0.55	37.10	46.00	-8.90
770.110	Peak	33.14	0.86	34.00	46.00	-12.00
958.290	Peak	30.38	3.89	34.27	46.00	-11.73

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

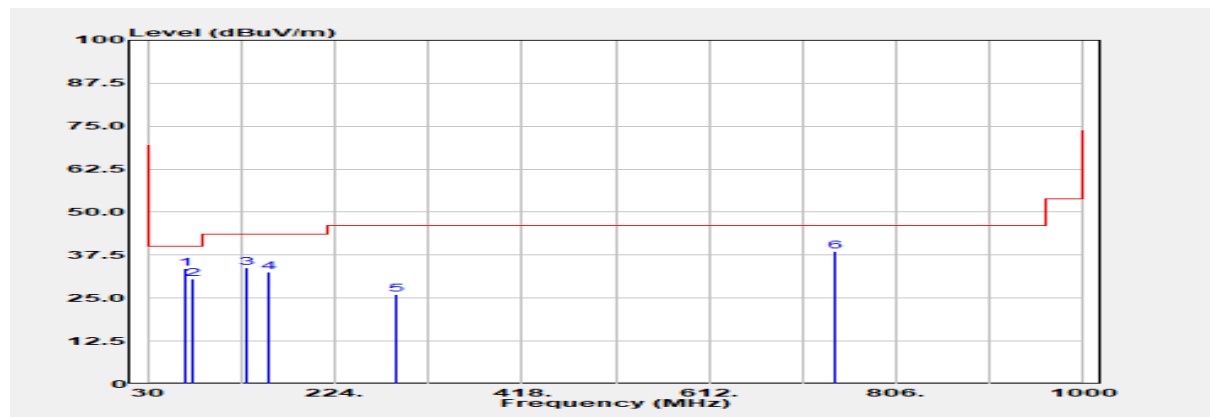
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
68.800	Peak	48.53	-15.05	33.48	40.00	-6.52
75.590	Peak	46.91	-16.34	30.58	40.00	-9.42
131.850	Peak	47.45	-13.68	33.77	43.50	-9.73
155.130	Peak	44.37	-11.89	32.49	43.50	-11.01
288.020	Peak	37.57	-11.56	26.01	46.00	-19.99
742.950	Peak	39.02	-0.54	38.49	46.00	-7.51

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2412 MHz

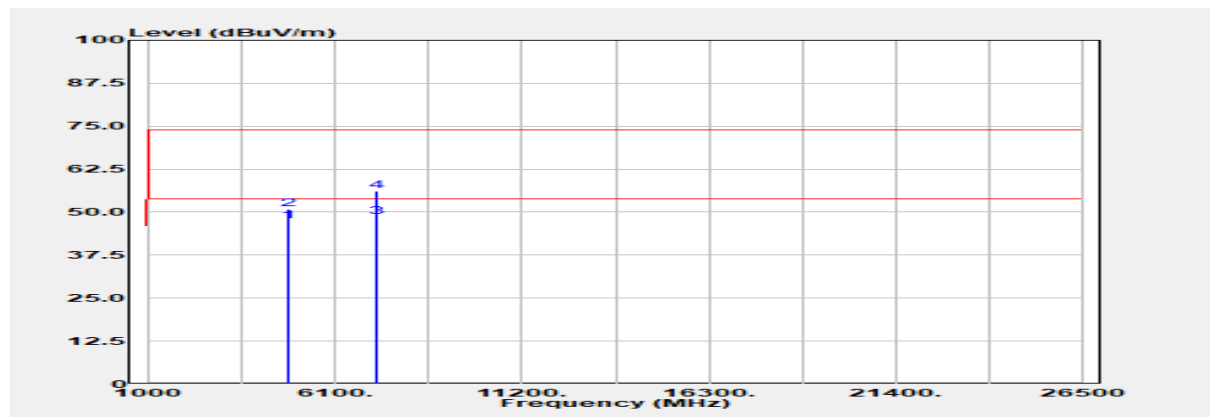
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	34.91	12.55	47.46	54.00	-6.54
4824.000	Peak	38.30	12.55	50.85	74.00	-23.15
7236.000	Average	28.62	20.09	48.71	54.00	-5.29
7236.000	Peak	35.98	20.09	56.07	74.00	-17.93

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2412 MHz

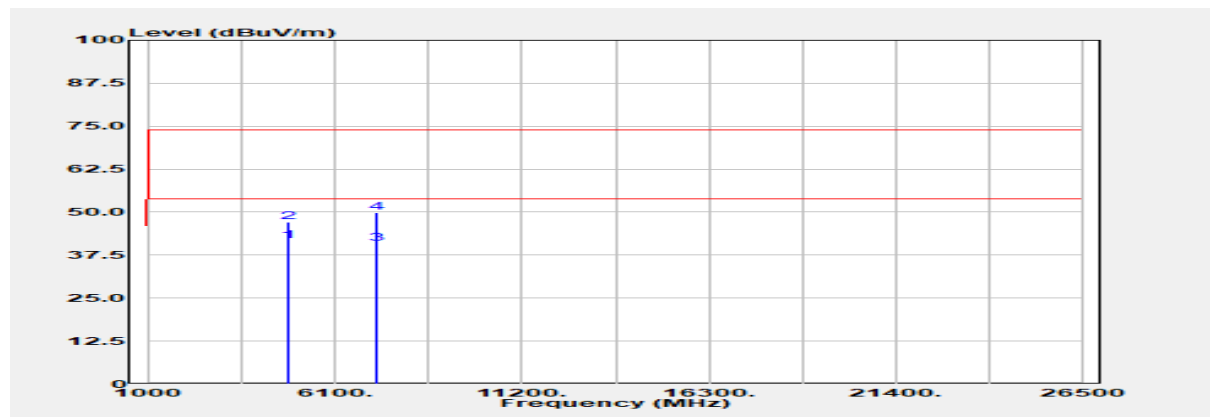
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	29.06	12.55	41.61	54.00	-12.39
4824.000	Peak	34.68	12.55	47.23	74.00	-26.77
7236.000	Average	20.77	20.09	40.86	54.00	-13.14
7236.000	Peak	29.84	20.09	49.93	74.00	-24.07

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2437 MHz

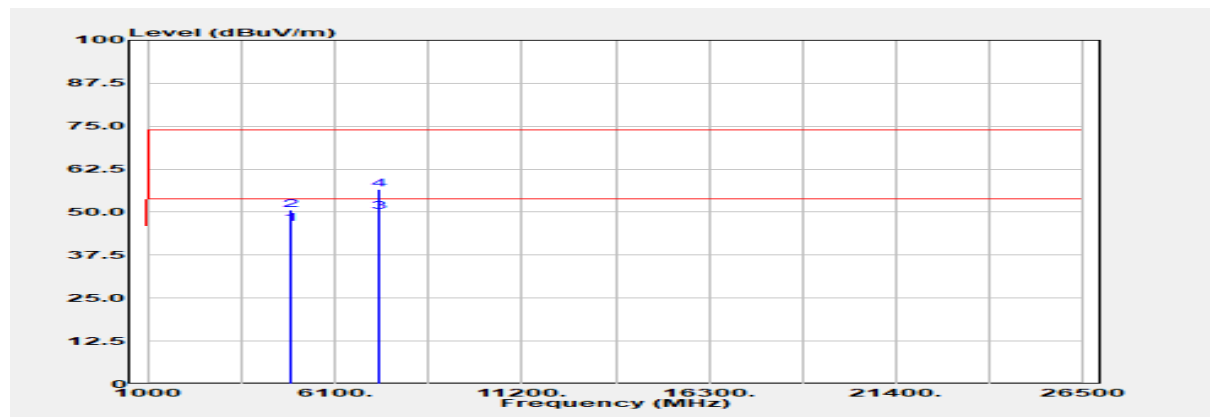
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	34.13	12.61	46.74	54.00	-7.26
4874.000	Peak	37.94	12.61	50.55	74.00	-23.45
7311.000	Average	29.56	20.68	50.25	54.00	-3.75
7311.000	Peak	36.05	20.68	56.73	74.00	-17.27

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2437 MHz

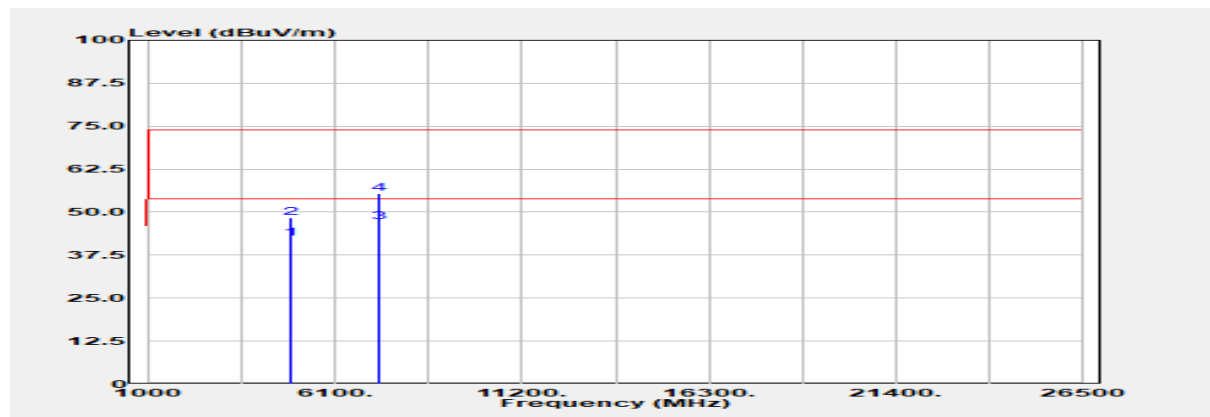
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.000	Average	29.71	12.61	42.32	54.00	-11.68
4874.000	Peak	35.84	12.61	48.45	74.00	-25.55
7311.000	Average	26.53	20.68	47.21	54.00	-6.79
7311.000	Peak	34.71	20.68	55.40	74.00	-18.60

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2462 MHz

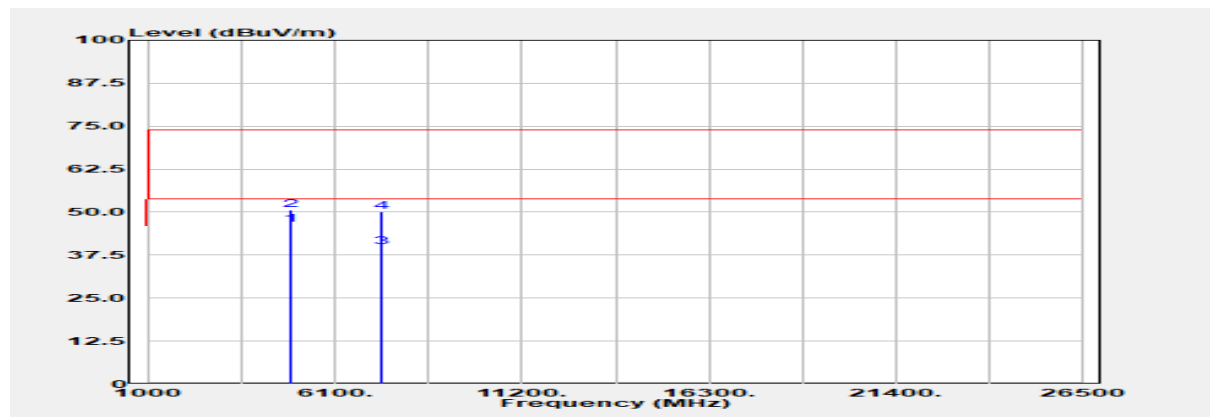
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	34.03	12.40	46.43	54.00	-7.57
4924.000	Peak	38.13	12.40	50.53	74.00	-23.47
7386.000	Average	19.02	20.72	39.74	54.00	-14.26
7386.000	Peak	29.33	20.72	50.05	74.00	-23.95

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2462 MHz

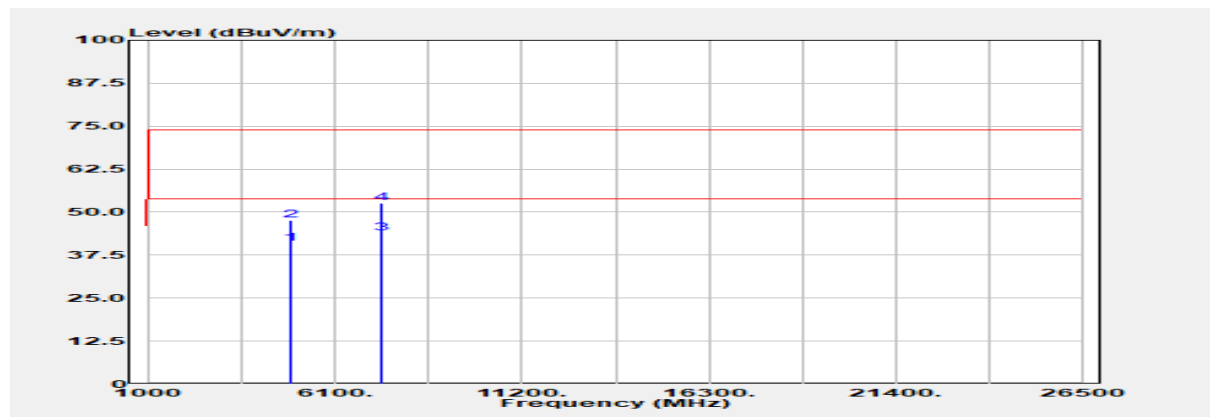
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	28.49	12.40	40.89	54.00	-13.11
4924.000	Peak	35.28	12.40	47.68	74.00	-26.32
7386.000	Average	23.21	20.72	43.93	54.00	-10.07
7386.000	Peak	31.89	20.72	52.61	74.00	-21.39

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2412 MHz

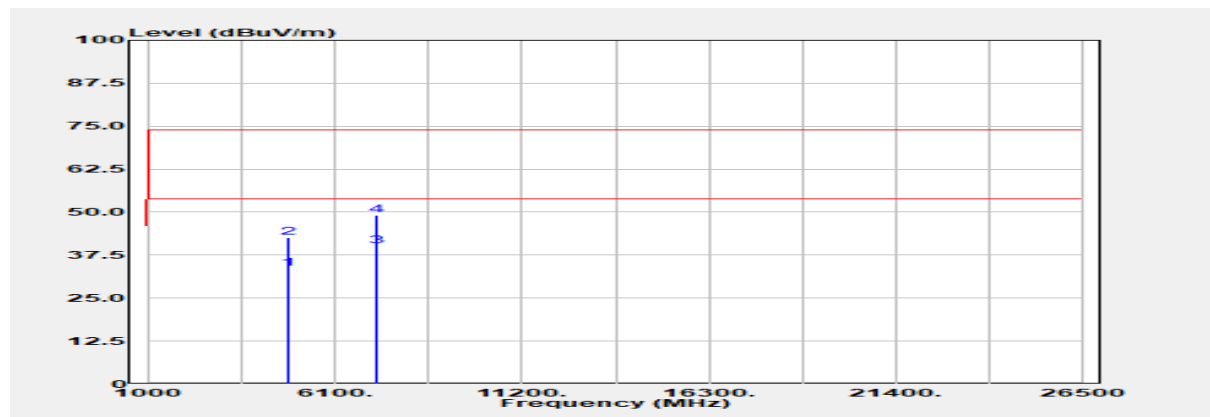
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.000	Average	20.98	12.55	33.53	54.00	-20.47
4824.000	Peak	30.18	12.55	42.73	74.00	-31.27
7236.000	Average	20.10	20.09	40.18	54.00	-13.82
7236.000	Peak	29.05	20.09	49.14	74.00	-24.86

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2412 MHz

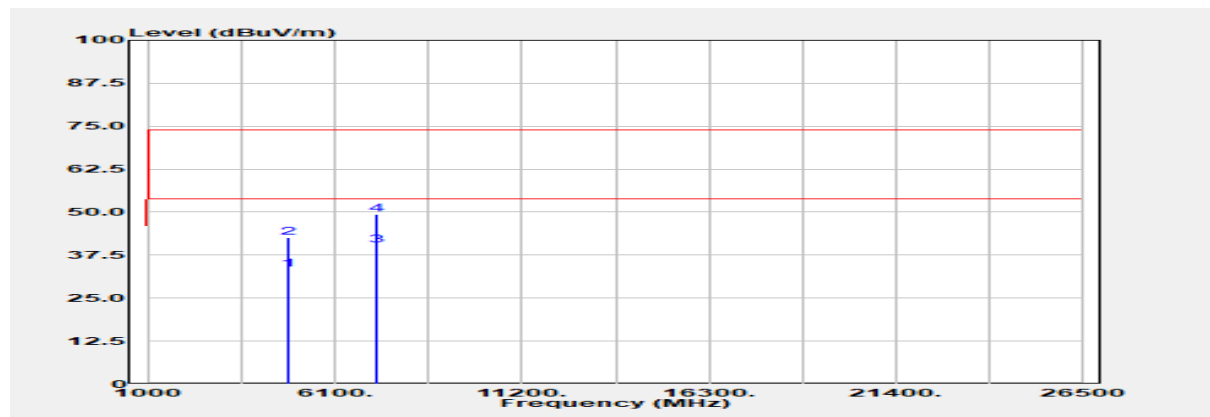
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.000	Average	20.76	12.55	33.31	54.00	-20.69
4824.000	Peak	30.02	12.55	42.57	74.00	-31.43
7236.000	Average	20.18	20.09	40.26	54.00	-13.74
7236.000	Peak	29.41	20.09	49.49	74.00	-24.51

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2437 MHz

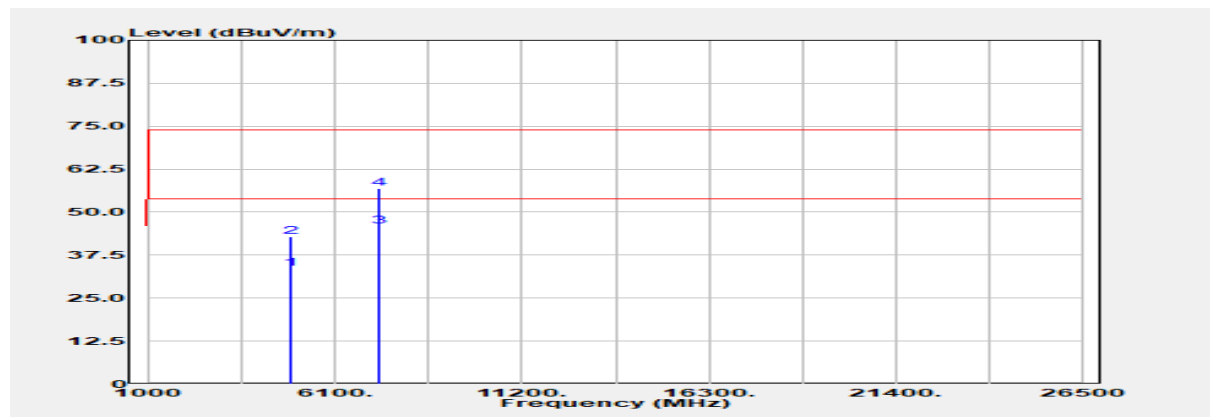
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.000	Average	20.99	12.61	33.59	54.00	-20.41
4874.000	Peak	30.37	12.61	42.98	74.00	-31.02
7311.000	Average	25.08	20.68	45.76	54.00	-8.24
7311.000	Peak	36.19	20.68	56.87	74.00	-17.13

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Report Number :TERF2211002513E2

Operation Mode :802.11g

Test Frequency :2437 MHz

Test Mode :Tx

EUT Pol :E2 Plane

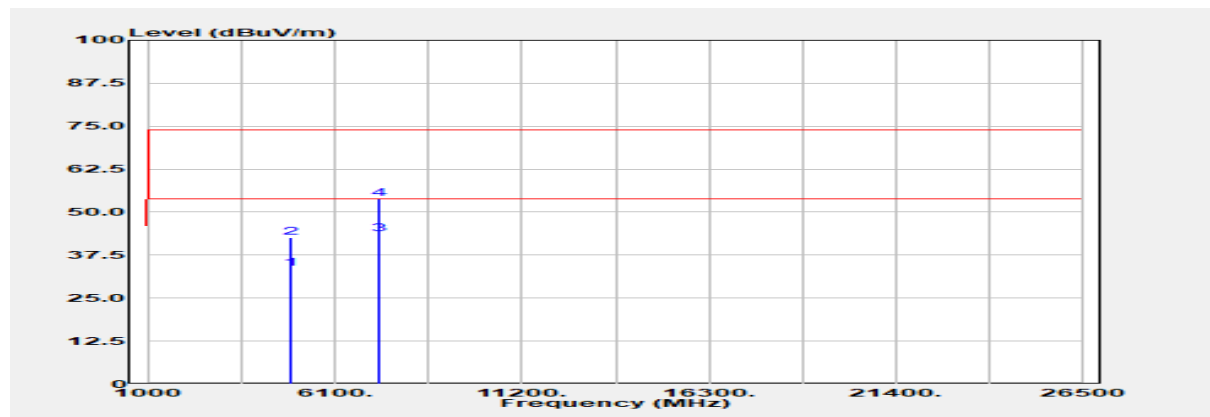
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	20.91	12.61	33.52	54.00	-20.48
4874.000	Peak	29.91	12.61	42.52	74.00	-31.48
7311.000	Average	22.98	20.68	43.67	54.00	-10.33
7311.000	Peak	33.27	20.68	53.95	74.00	-20.05

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2462 MHz

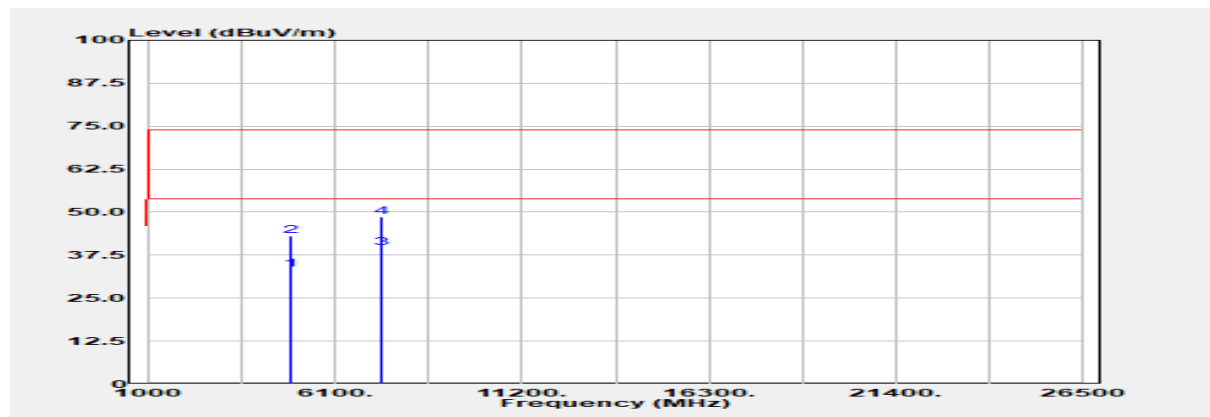
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	20.99	12.40	33.39	54.00	-20.61
4924.000	Peak	30.60	12.40	43.00	74.00	-31.00
7386.000	Average	18.90	20.72	39.62	54.00	-14.38
7386.000	Peak	27.86	20.72	48.58	74.00	-25.42

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2462 MHz

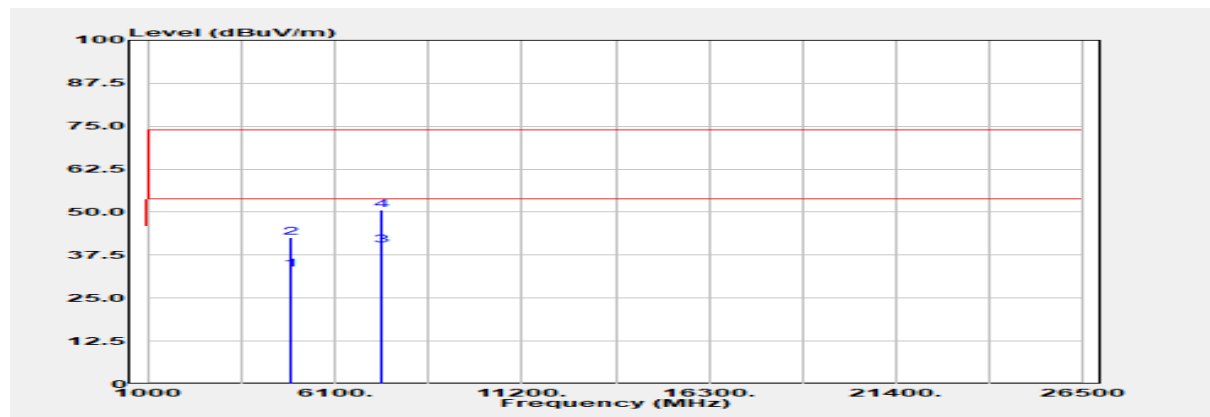
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.000	Average	20.94	12.40	33.34	54.00	-20.66
4924.000	Peak	30.10	12.40	42.50	74.00	-31.50
7386.000	Average	19.56	20.72	40.27	54.00	-13.73
7386.000	Peak	29.83	20.72	50.55	74.00	-23.45

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2412 MHz

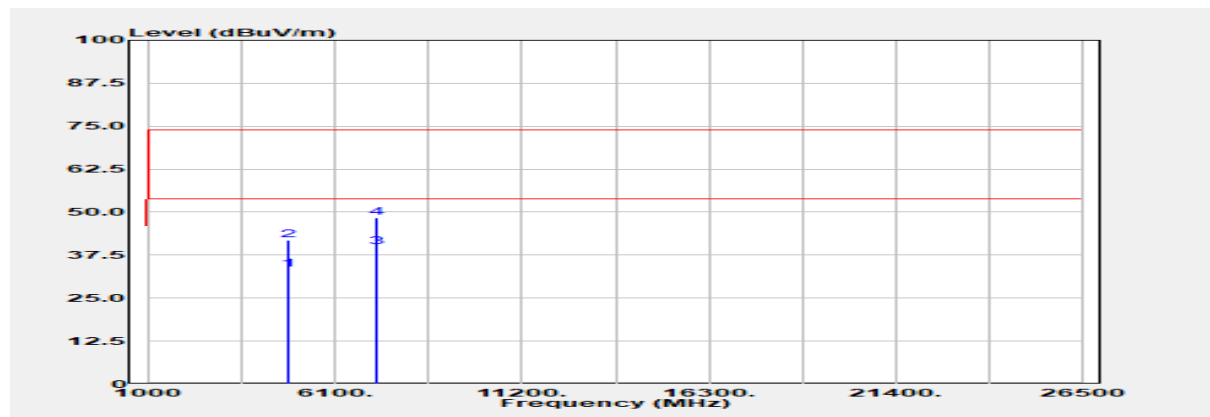
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	20.88	12.55	33.42	54.00	-20.58
4824.000	Peak	29.39	12.55	41.94	74.00	-32.06
7236.000	Average	19.77	20.09	39.85	54.00	-14.15
7236.000	Peak	28.34	20.09	48.43	74.00	-25.57

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Report Number :TERF2211002513E2

Operation Mode :802.11n20

Test Frequency :2412 MHz

Test Mode :Tx

EUT Pol :E2 Plane

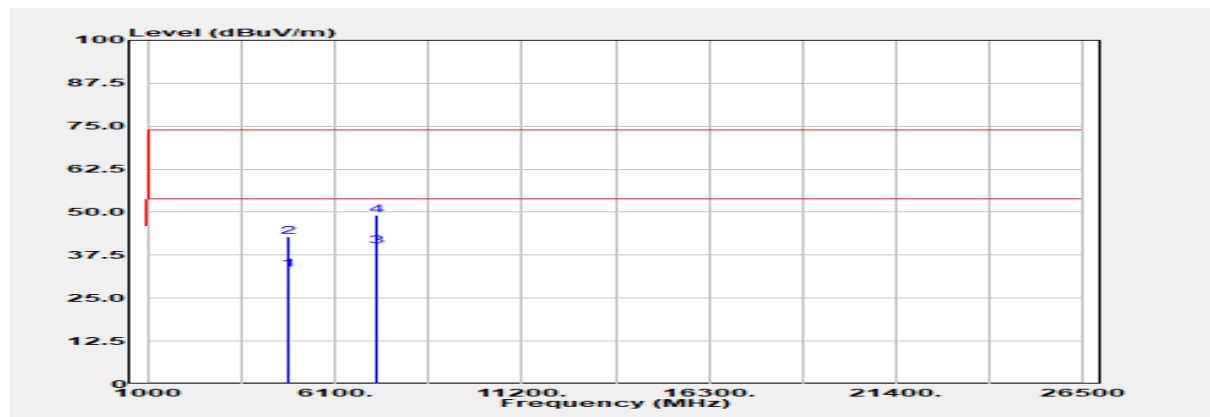
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.000	Average	20.69	12.55	33.24	54.00	-20.76
4824.000	Peak	30.23	12.55	42.78	74.00	-31.22
7236.000	Average	20.14	20.09	40.22	54.00	-13.78
7236.000	Peak	29.09	20.09	49.18	74.00	-24.82

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2437 MHz

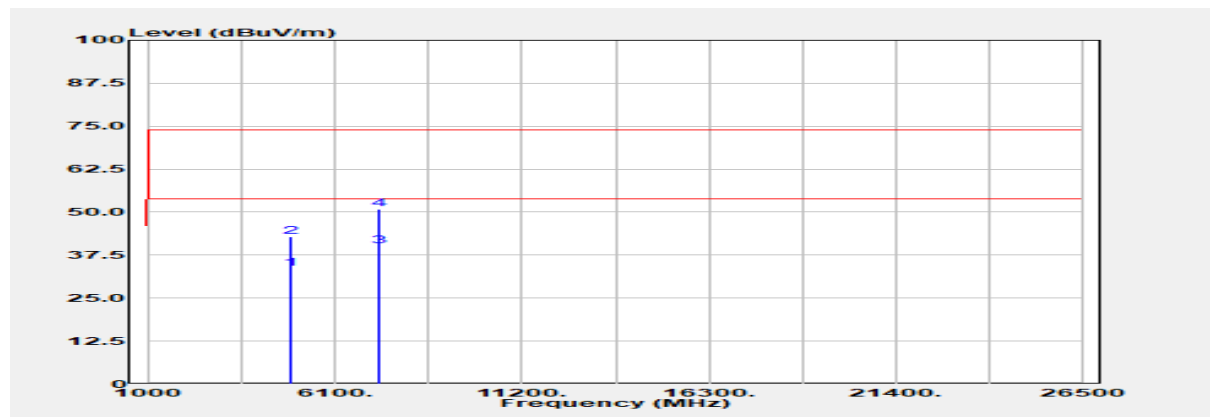
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	20.89	12.61	33.50	54.00	-20.50
4874.000	Peak	30.36	12.61	42.96	74.00	-31.04
7311.000	Average	19.32	20.68	40.00	54.00	-14.00
7311.000	Peak	30.08	20.68	50.76	74.00	-23.24

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2437 MHz

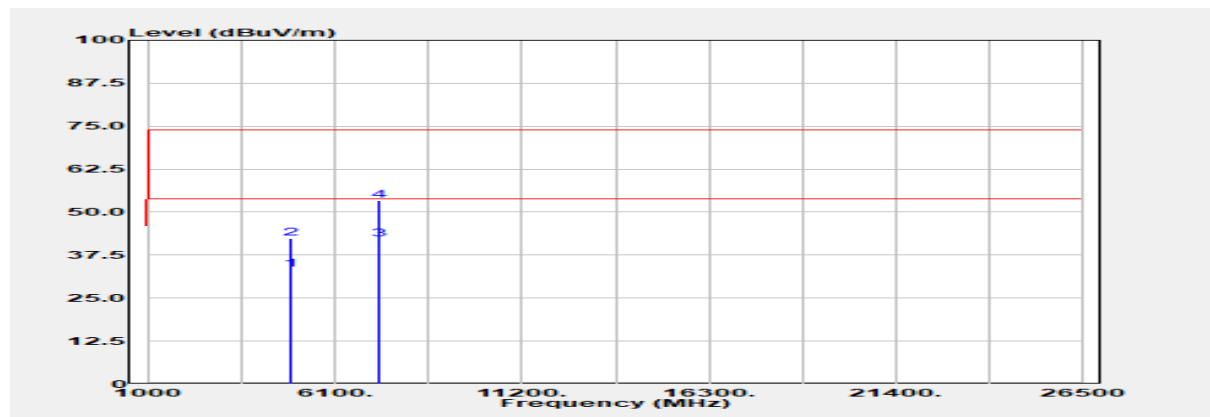
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.000	Average	20.77	12.61	33.38	54.00	-20.62
4874.000	Peak	29.63	12.61	42.24	74.00	-31.76
7311.000	Average	21.51	20.68	42.19	54.00	-11.81
7311.000	Peak	32.79	20.68	53.48	74.00	-20.52

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2462 MHz

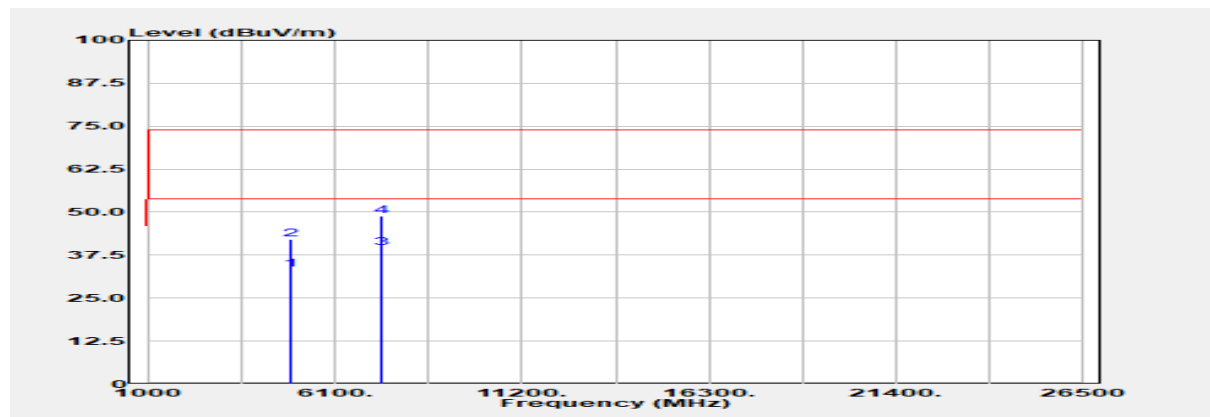
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	20.97	12.40	33.37	54.00	-20.63
4924.000	Peak	29.82	12.40	42.22	74.00	-31.78
7386.000	Average	18.76	20.72	39.48	54.00	-14.52
7386.000	Peak	28.17	20.72	48.89	74.00	-25.11

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2462 MHz

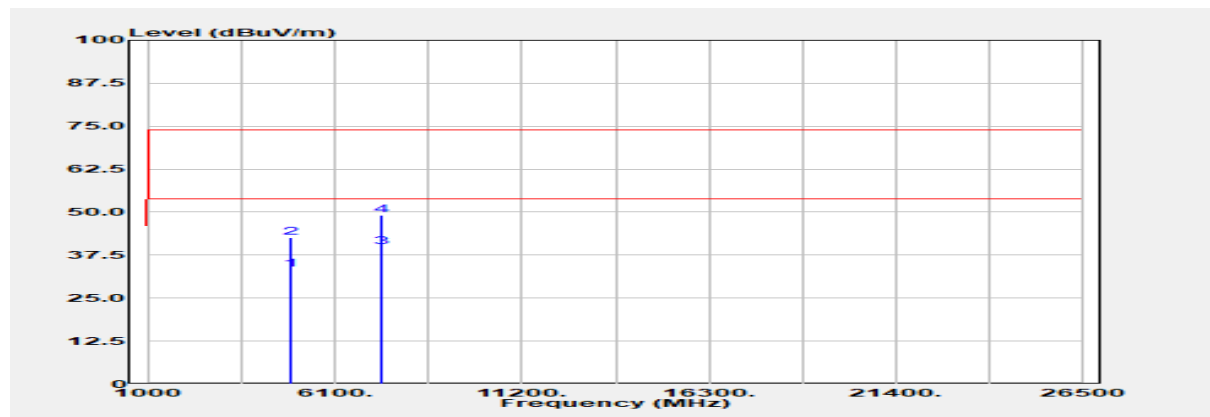
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	20.96	12.40	33.36	54.00	-20.64
4924.000	Peak	30.11	12.40	42.51	74.00	-31.49
7386.000	Average	19.20	20.72	39.92	54.00	-14.08
7386.000	Peak	28.31	20.72	49.03	74.00	-24.97

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-09

Test Frequency :2412 MHz

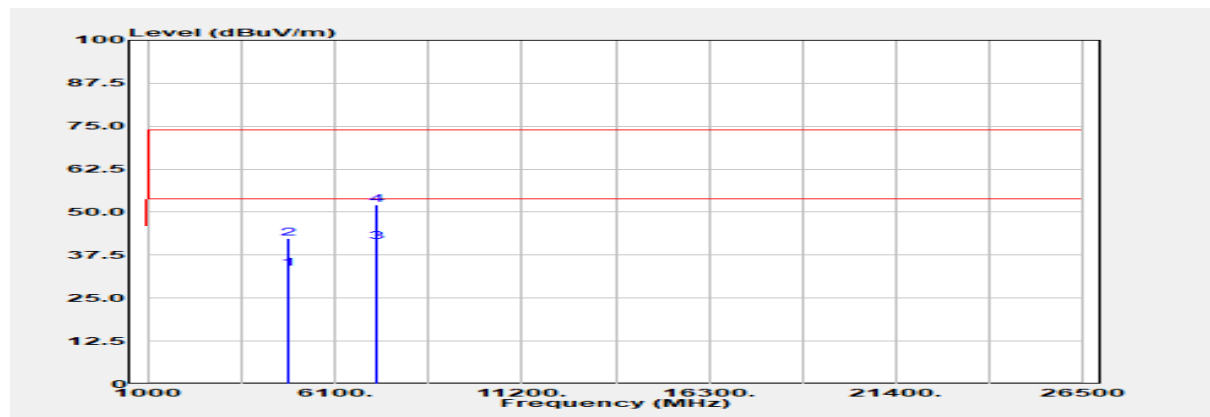
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.000	Average	20.92	12.55	33.47	54.00	-20.53
4824.000	Peak	29.92	12.55	42.46	74.00	-31.54
7236.000	Average	21.24	20.09	41.33	54.00	-12.67
7236.000	Peak	31.96	20.09	52.05	74.00	-21.95

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-09

Test Frequency :2412 MHz

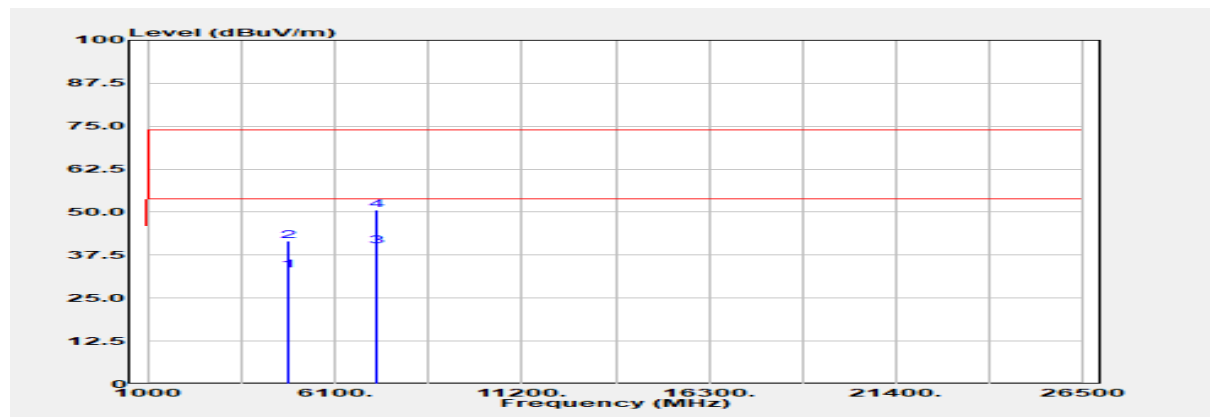
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	20.58	12.55	33.12	54.00	-20.88
4824.000	Peak	29.07	12.55	41.62	74.00	-32.38
7236.000	Average	19.97	20.09	40.05	54.00	-13.95
7236.000	Peak	30.56	20.09	50.64	74.00	-23.36

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Report Number :TERF2211002513E2

Operation Mode :802.11ax20

Test Frequency :2437 MHz

Test Mode :Tx

EUT Pol :E2 Plane

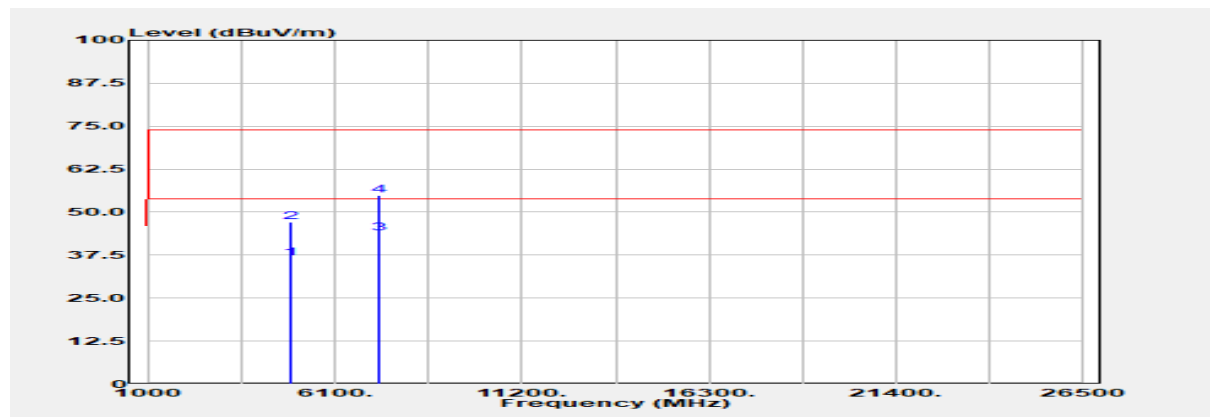
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Vertical

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.000	Average	23.90	12.61	36.51	54.00	-17.49
4874.000	Peak	34.57	12.61	47.18	74.00	-26.82
7311.000	Average	23.11	20.68	43.79	54.00	-10.21
7311.000	Peak	34.30	20.68	54.98	74.00	-19.02

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Report Number :TERF2211002513E2

Operation Mode :802.11ax20

Test Frequency :2437 MHz

Test Mode :Tx

EUT Pol :E2 Plane

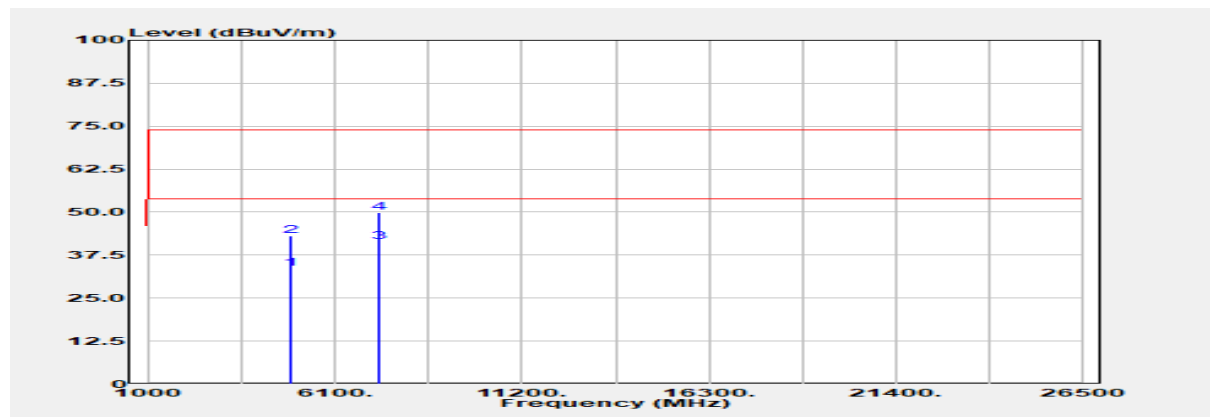
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.000	Average	20.89	12.61	33.50	54.00	-20.50
4874.000	Peak	30.60	12.61	43.21	74.00	-30.79
7311.000	Average	20.70	20.68	41.38	54.00	-12.62
7311.000	Peak	29.08	20.68	49.76	74.00	-24.24

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-09

Test Frequency :2462 MHz

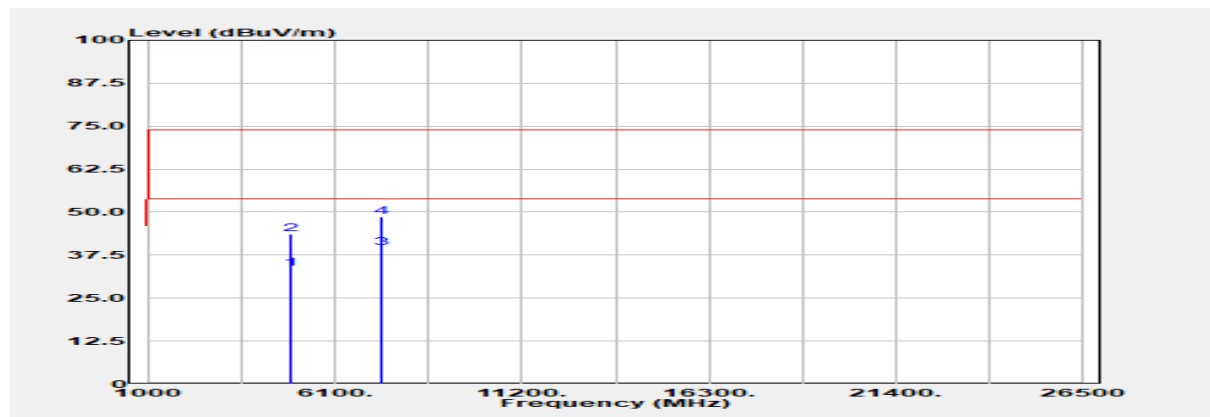
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.000	Average	21.08	12.40	33.48	54.00	-20.52
4924.000	Peak	31.20	12.40	43.60	74.00	-30.40
7386.000	Average	18.84	20.72	39.56	54.00	-14.44
7386.000	Peak	27.97	20.72	48.69	74.00	-25.31

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-09

Test Frequency :2462 MHz

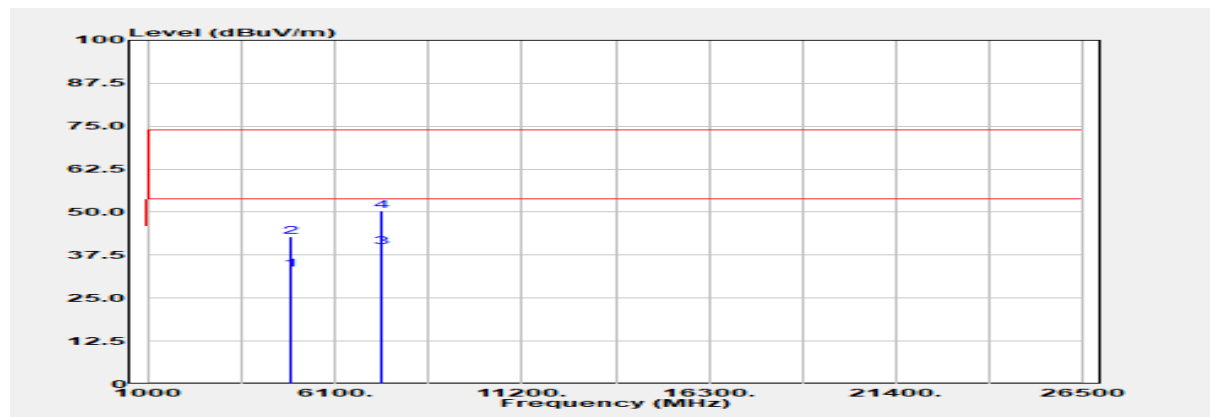
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.000	Average	21.04	12.40	33.44	54.00	-20.56
4924.000	Peak	30.44	12.40	42.84	74.00	-31.16
7386.000	Average	19.10	20.72	39.82	54.00	-14.18
7386.000	Peak	29.62	20.72	50.34	74.00	-23.66

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ANT0(dipole)

Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-13

Test Frequency :2437 MHz

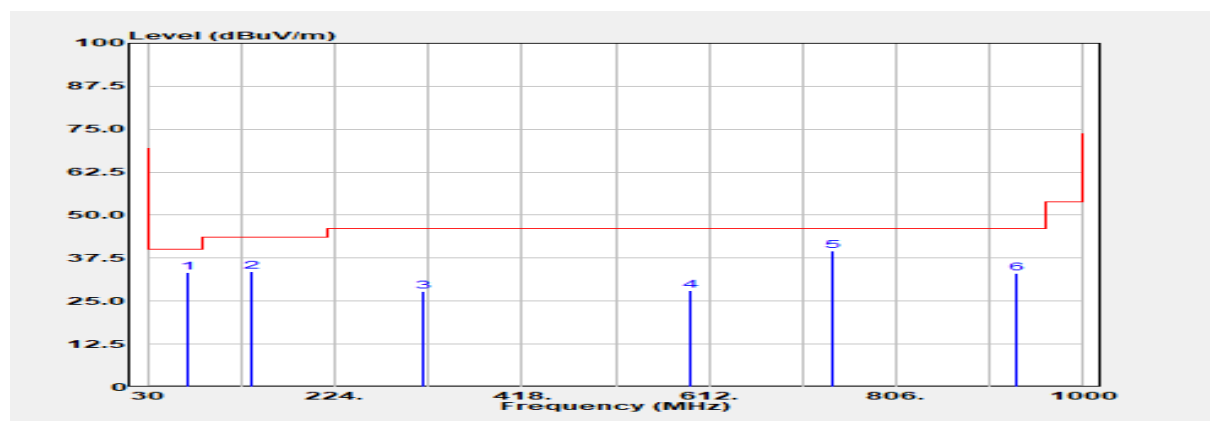
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



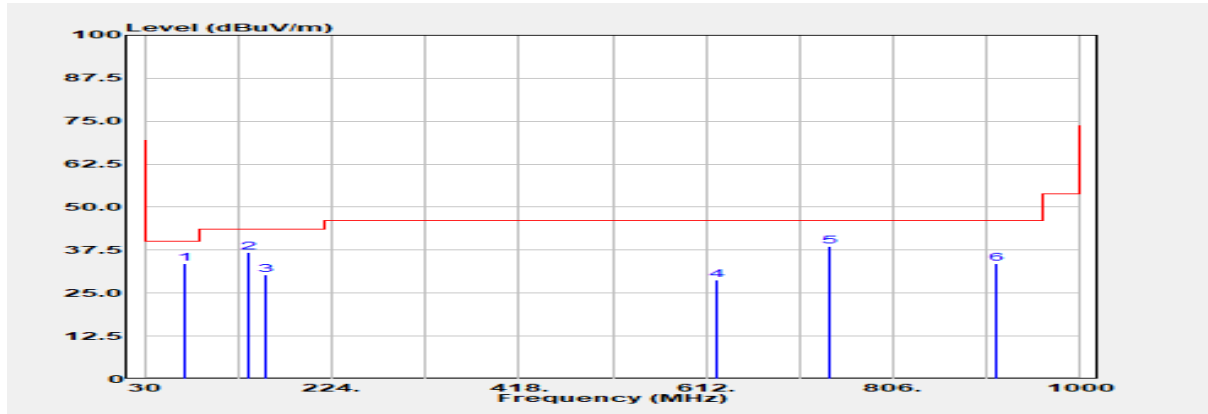
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
71.710	Peak	48.52	-15.22	33.30	40.00	-6.70
137.670	Peak	46.45	-12.98	33.47	43.50	-10.03
315.180	Peak	38.47	-10.67	27.81	46.00	-18.20
591.630	Peak	31.42	-3.34	28.08	46.00	-17.92
741.010	Peak	40.15	-0.56	39.59	46.00	-6.41
931.130	Peak	29.69	3.33	33.03	46.00	-12.97

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Report Number :TERF2211002513E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2023-02-13
Temp./Humi. :22.1/72
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
72.680	Peak	49.16	-15.52	33.64	40.00	-6.36
137.670	Peak	49.73	-12.98	36.75	43.50	-6.75
155.130	Peak	42.29	-11.89	30.40	43.50	-13.10
623.640	Peak	31.14	-2.29	28.85	46.00	-17.15
740.040	Peak	39.18	-0.57	38.61	46.00	-7.39
912.700	Peak	30.45	3.16	33.61	46.00	-12.39

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

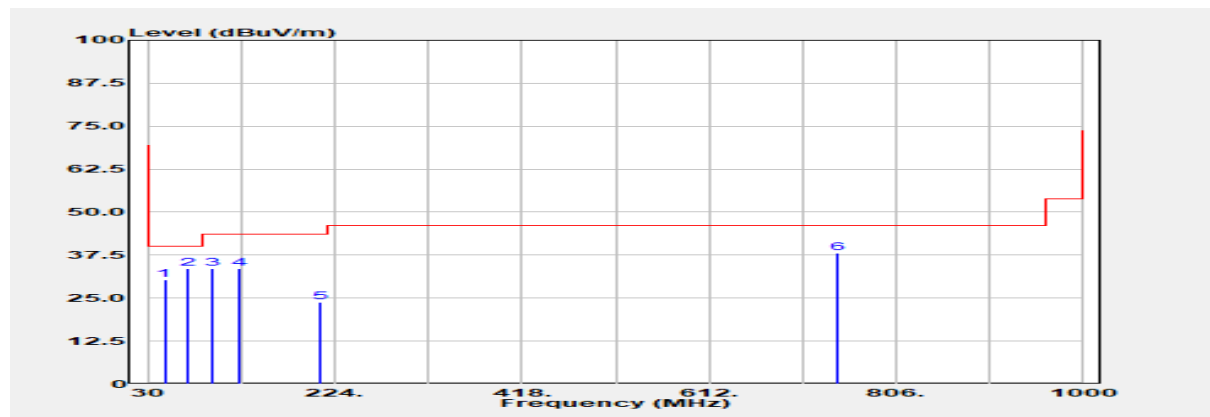
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
47.460	Peak	43.36	-12.99	30.37	40.00	-9.63
71.710	Peak	48.86	-15.22	33.65	40.00	-6.35
97.900	Peak	51.15	-17.53	33.62	43.50	-9.88
125.060	Peak	48.03	-14.49	33.54	43.50	-9.96
208.480	Peak	39.38	-15.65	23.72	43.50	-19.78
744.890	Peak	38.49	-0.51	37.98	46.00	-8.02

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

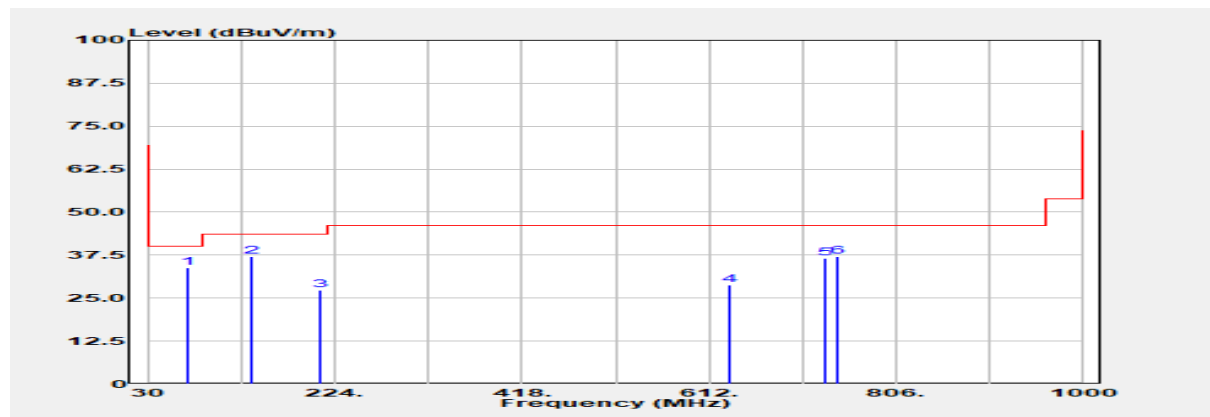
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
71.710	Peak	48.95	-15.22	33.73	40.00	-6.27
136.700	Peak	50.25	-13.05	37.20	43.50	-6.30
209.450	Peak	42.92	-15.62	27.30	43.50	-16.20
633.340	Peak	30.23	-1.53	28.71	46.00	-17.29
733.250	Peak	36.94	-0.45	36.50	46.00	-9.50
745.860	Peak	37.67	-0.56	37.11	46.00	-8.89

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2412 MHz

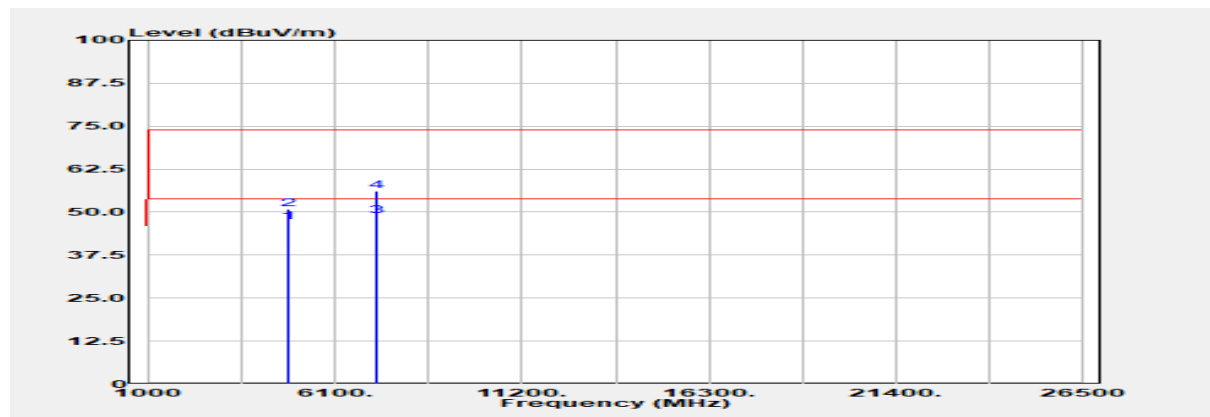
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.000	Average	34.61	12.55	47.16	54.00	-6.84
4824.000	Peak	38.21	12.55	50.76	74.00	-23.24
7236.000	Average	28.71	20.09	48.79	54.00	-5.21
7236.000	Peak	36.15	20.09	56.24	74.00	-17.76

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Report Number :TERF2211002513E2

Operation Mode :802.11b

Test Frequency :2412 MHz

Test Mode :Tx

EUT Pol :E2 Plane

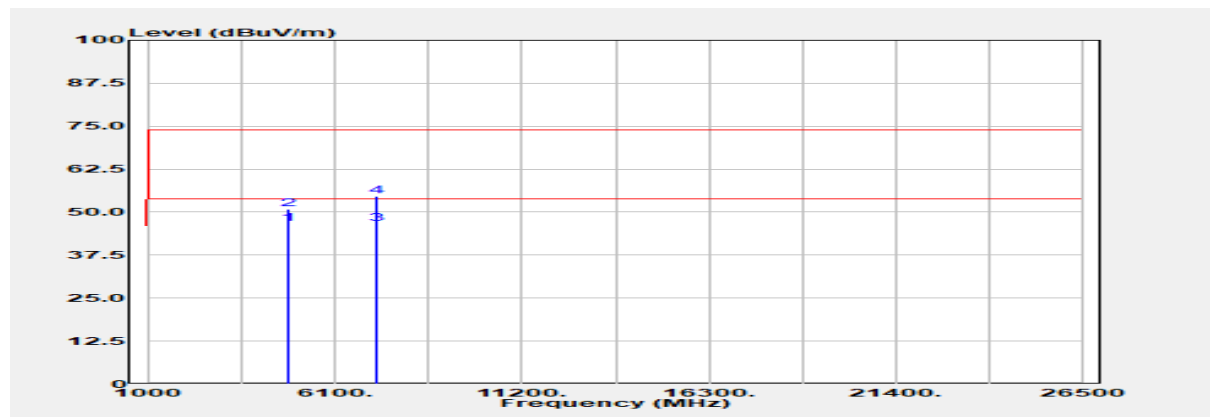
Test Site :SAC C

Test Date :2023-02-06

Temp./Humi. :25.9/62

Antenna Pol. :Horizontal

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	33.94	12.55	46.49	54.00	-7.51
4824.000	Peak	38.21	12.55	50.76	74.00	-23.24
7236.000	Average	26.54	20.09	46.63	54.00	-7.37
7236.000	Peak	34.44	20.09	54.52	74.00	-19.48

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2437 MHz

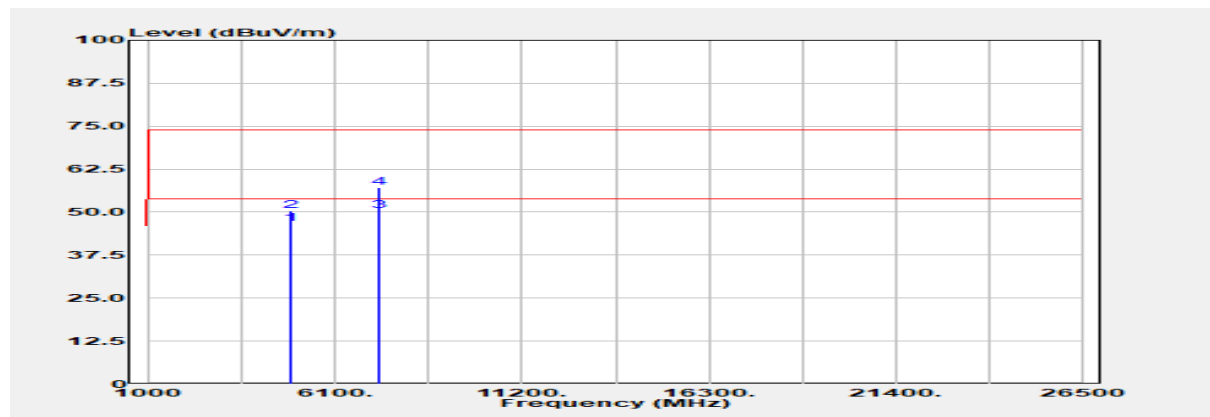
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	33.93	12.61	46.53	54.00	-7.47
4874.000	Peak	37.67	12.61	50.28	74.00	-23.72
7311.000	Average	29.70	20.68	50.38	54.00	-3.62
7311.000	Peak	36.35	20.68	57.03	74.00	-16.97

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2437 MHz

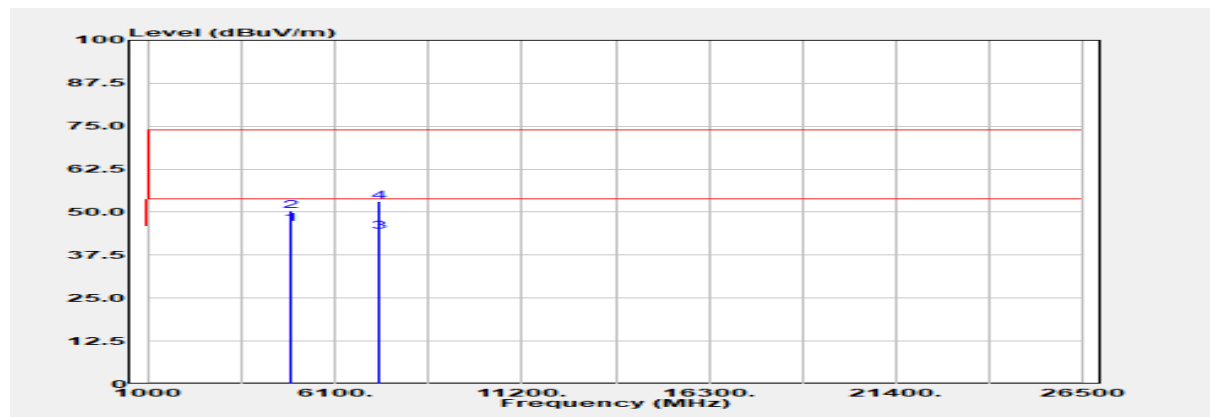
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.000	Average	33.91	12.61	46.52	54.00	-7.48
4874.000	Peak	37.80	12.61	50.40	74.00	-23.60
7311.000	Average	23.65	20.68	44.33	54.00	-9.67
7311.000	Peak	32.57	20.68	53.26	74.00	-20.74

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2462 MHz

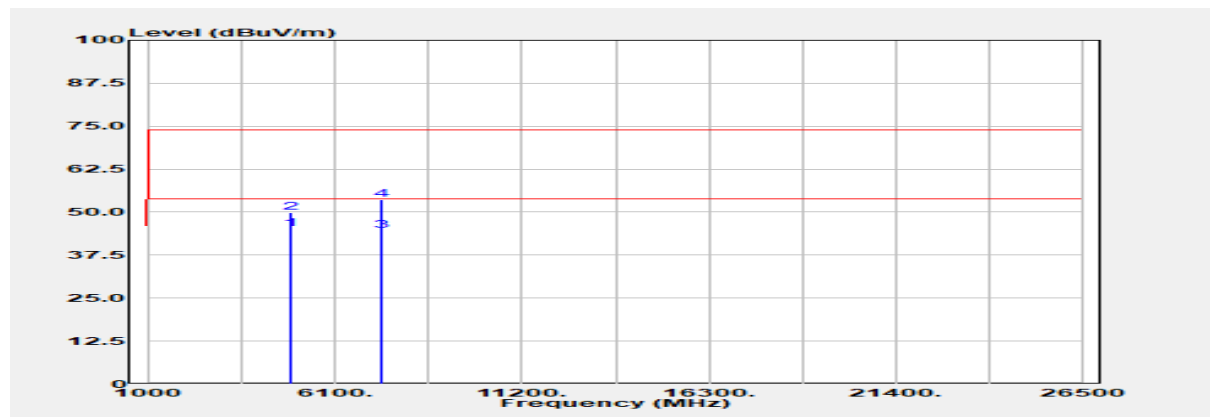
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	32.72	12.40	45.12	54.00	-8.88
4924.000	Peak	37.38	12.40	49.78	74.00	-24.22
7386.000	Average	23.81	20.72	44.53	54.00	-9.47
7386.000	Peak	32.82	20.72	53.54	74.00	-20.46

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2462 MHz

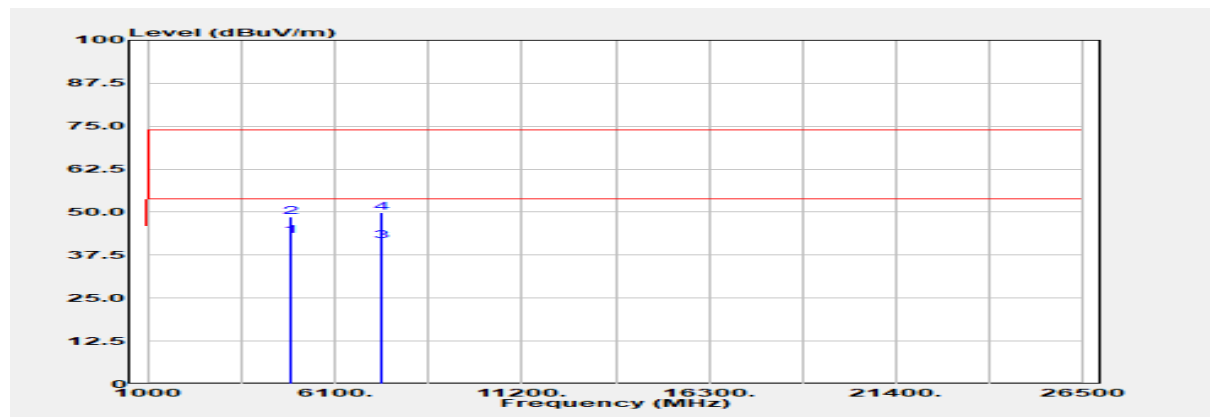
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



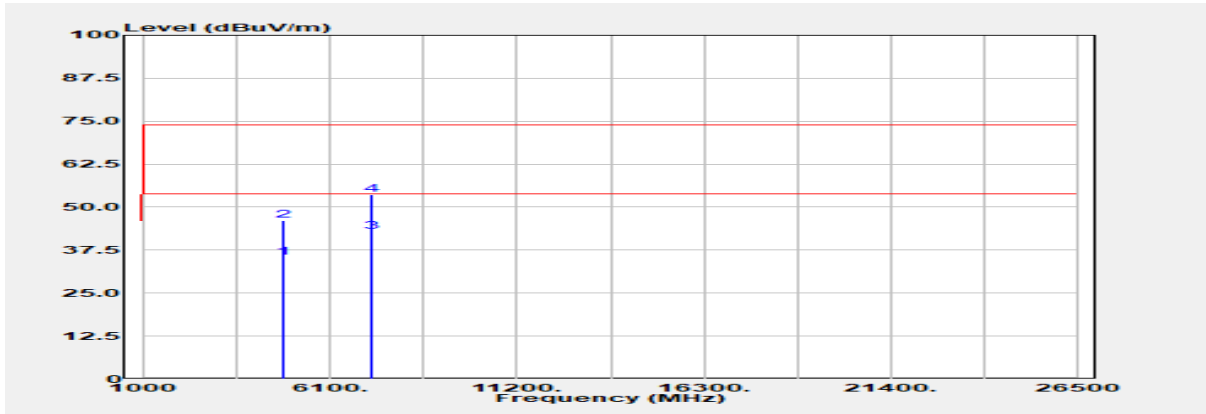
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	30.78	12.40	43.18	54.00	-10.82
4924.000	Peak	36.11	12.40	48.51	74.00	-25.49
7386.000	Average	20.88	20.72	41.59	54.00	-12.41
7386.000	Peak	29.05	20.72	49.77	74.00	-24.23

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Report Number :TERF2211002513E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2023-02-06
Temp./Humi. :25.9/62
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	22.78	12.55	35.32	54.00	-18.68
4824.000	Peak	33.46	12.55	46.01	74.00	-27.99
7236.000	Average	22.71	20.09	42.80	54.00	-11.20
7236.000	Peak	33.52	20.09	53.60	74.00	-20.40

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2412 MHz

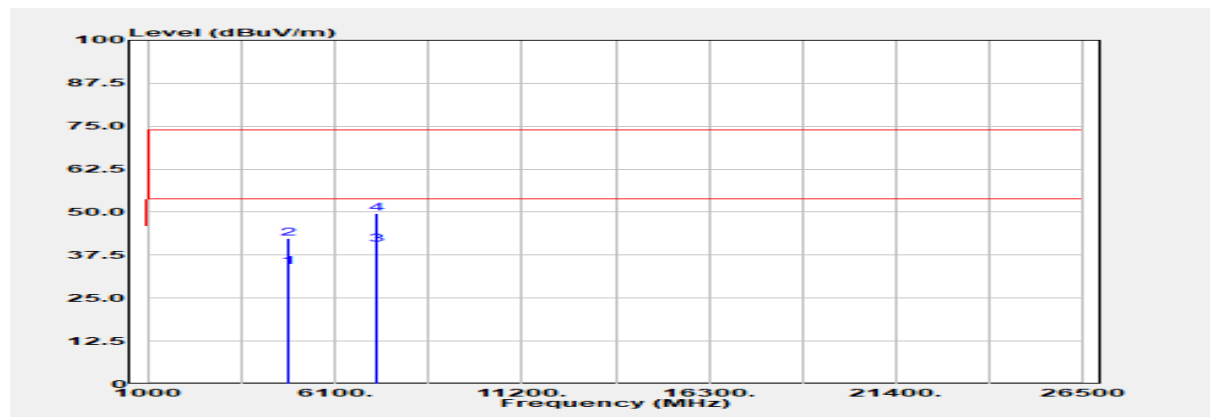
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	21.48	12.55	34.03	54.00	-19.97
4824.000	Peak	29.83	12.55	42.38	74.00	-31.62
7236.000	Average	20.58	20.09	40.66	54.00	-13.34
7236.000	Peak	29.52	20.09	49.61	74.00	-24.39

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2437 MHz

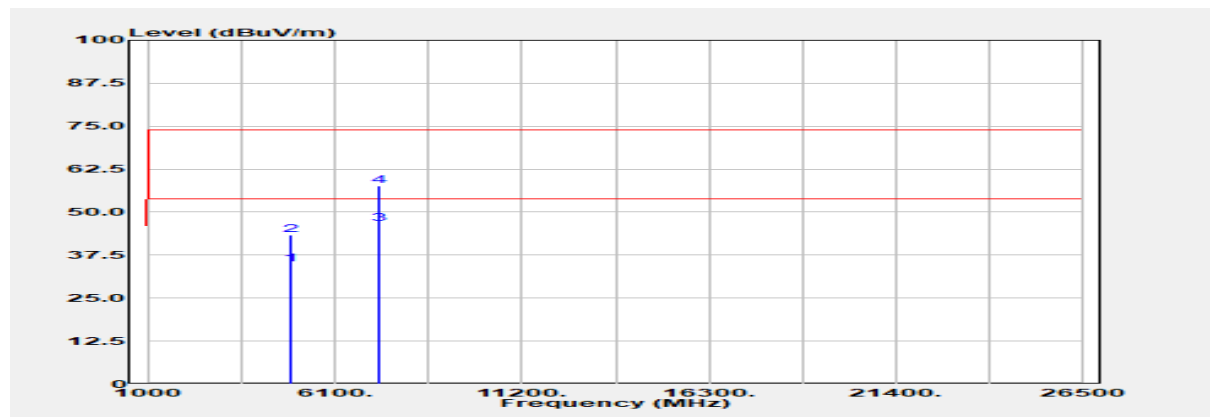
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	22.16	12.61	34.76	54.00	-19.24
4874.000	Peak	30.87	12.61	43.48	74.00	-30.52
7311.000	Average	25.94	20.68	46.62	54.00	-7.38
7311.000	Peak	37.06	20.68	57.74	74.00	-16.26

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2437 MHz

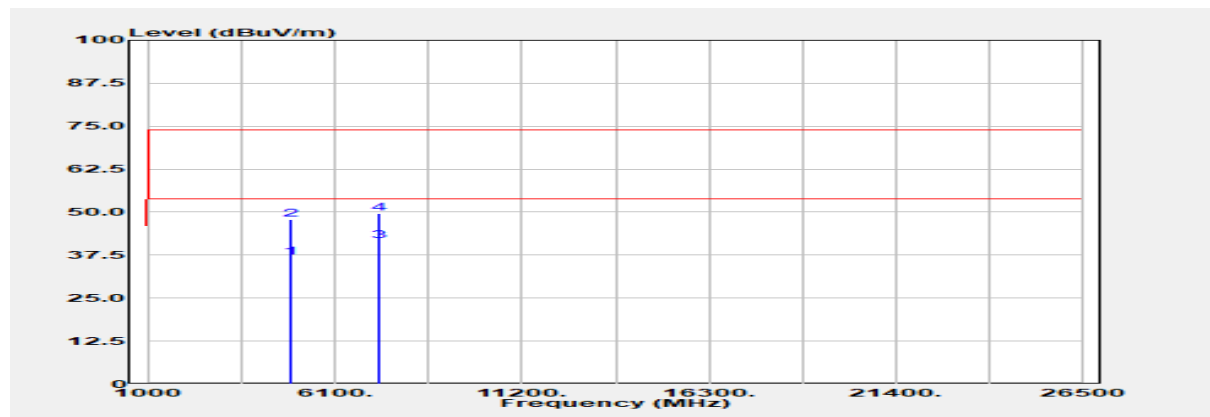
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	24.24	12.61	36.84	54.00	-17.16
4874.000	Peak	35.26	12.61	47.87	74.00	-26.13
7311.000	Average	20.83	20.68	41.52	54.00	-12.48
7311.000	Peak	29.00	20.68	49.69	74.00	-24.31

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2462 MHz

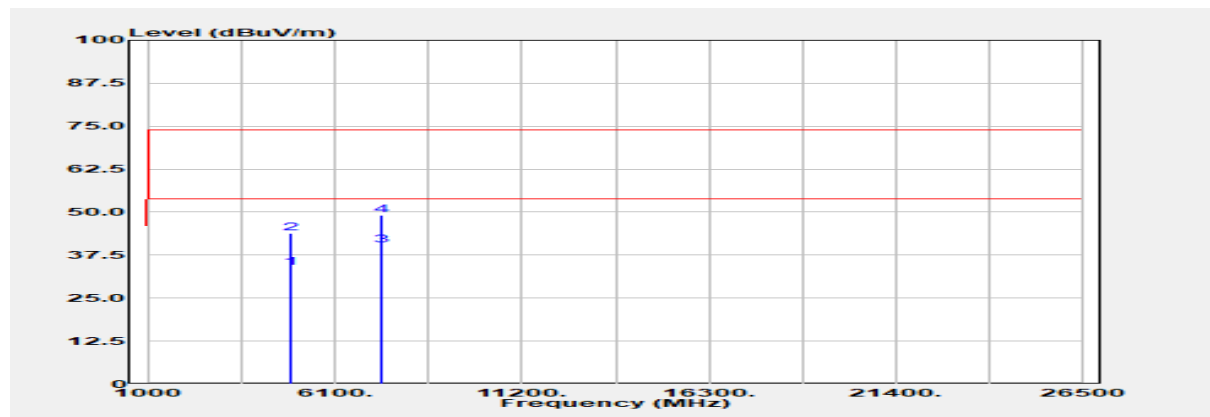
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	21.35	12.40	33.75	54.00	-20.25
4924.000	Peak	31.35	12.40	43.75	74.00	-30.25
7386.000	Average	19.52	20.72	40.24	54.00	-13.76
7386.000	Peak	28.35	20.72	49.07	74.00	-24.93

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2462 MHz

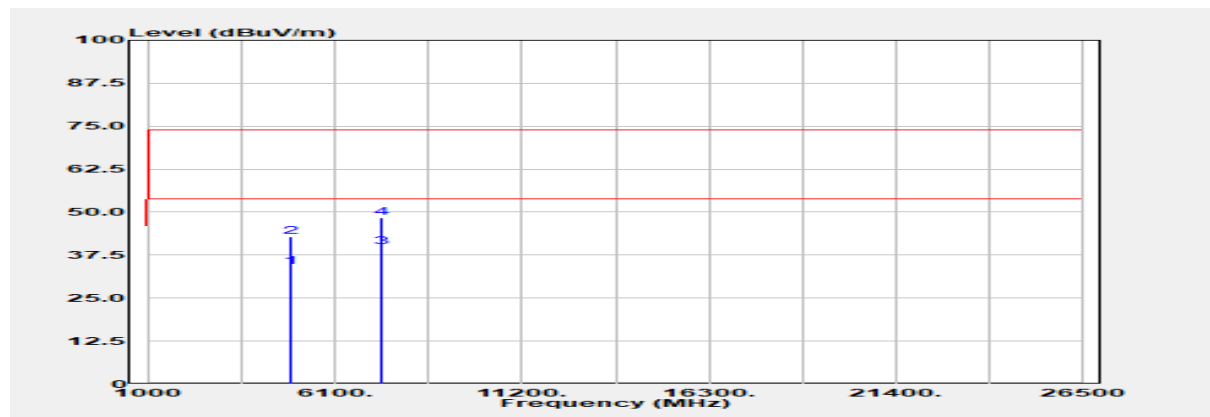
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.000	Average	21.74	12.40	34.14	54.00	-19.86
4924.000	Peak	30.35	12.40	42.75	74.00	-31.25
7386.000	Average	19.19	20.72	39.91	54.00	-14.09
7386.000	Peak	27.54	20.72	48.25	74.00	-25.75

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2412 MHz

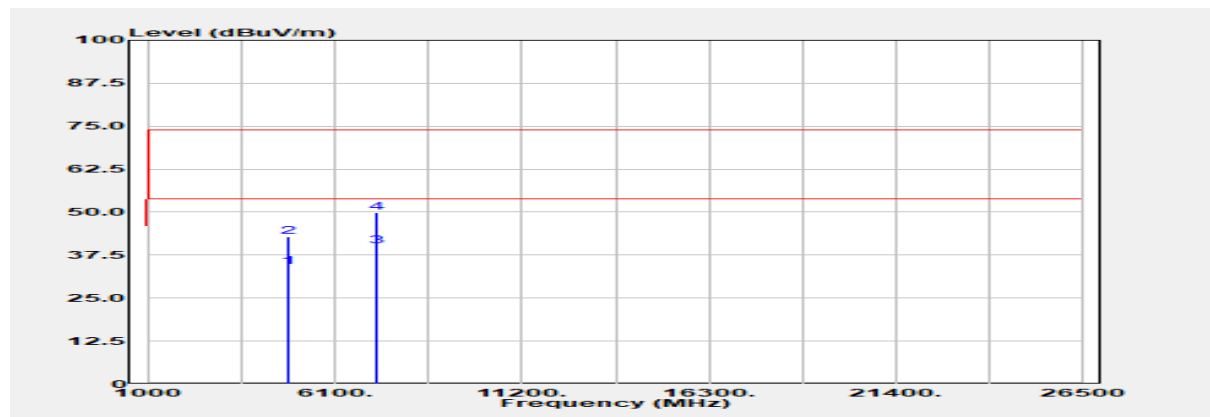
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	21.49	12.55	34.04	54.00	-19.96
4824.000	Peak	30.19	12.55	42.73	74.00	-31.27
7236.000	Average	20.07	20.09	40.15	54.00	-13.85
7236.000	Peak	29.75	20.09	49.84	74.00	-24.16

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2412 MHz

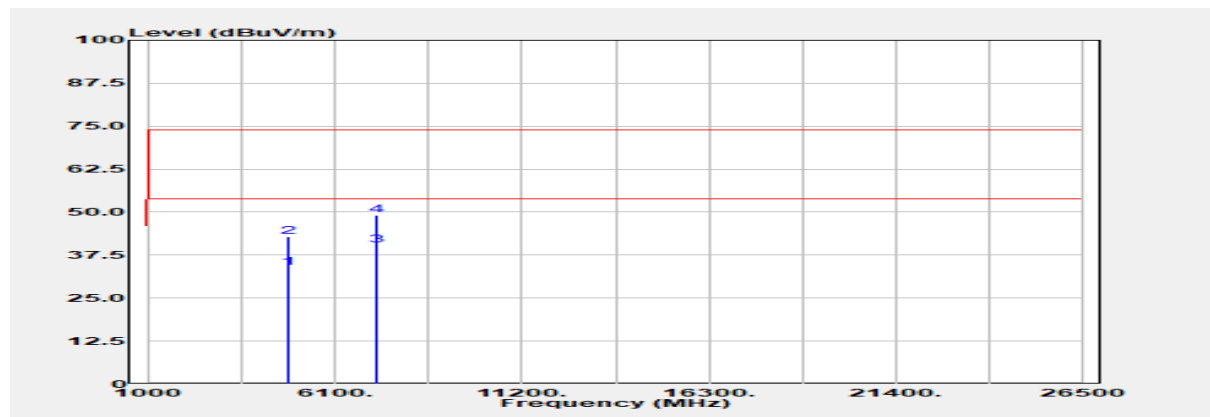
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	21.30	12.55	33.84	54.00	-20.16
4824.000	Peak	30.19	12.55	42.74	74.00	-31.26
7236.000	Average	20.29	20.09	40.38	54.00	-13.62
7236.000	Peak	29.14	20.09	49.23	74.00	-24.77

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2437 MHz

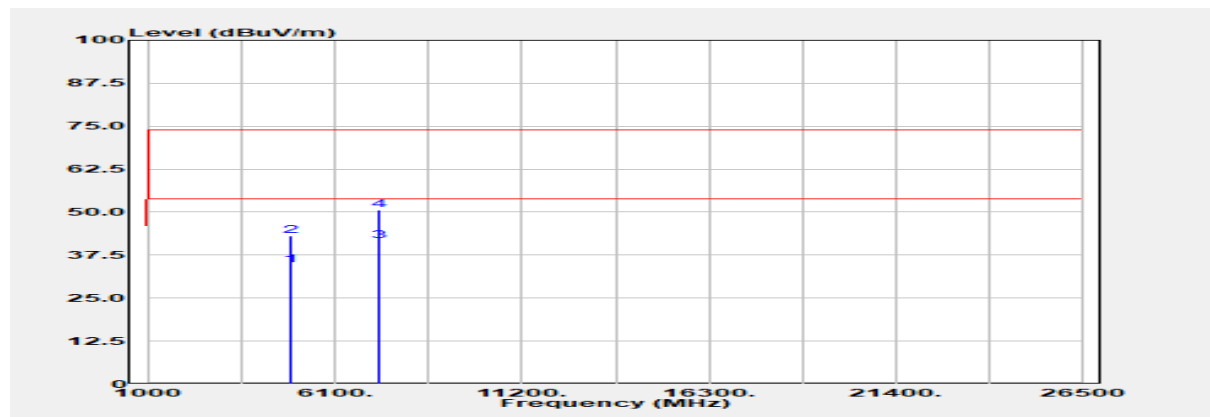
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.000	Average	21.91	12.61	34.52	54.00	-19.48
4874.000	Peak	30.53	12.61	43.14	74.00	-30.86
7311.000	Average	20.89	20.68	41.57	54.00	-12.43
7311.000	Peak	30.00	20.68	50.68	74.00	-23.32

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2437 MHz

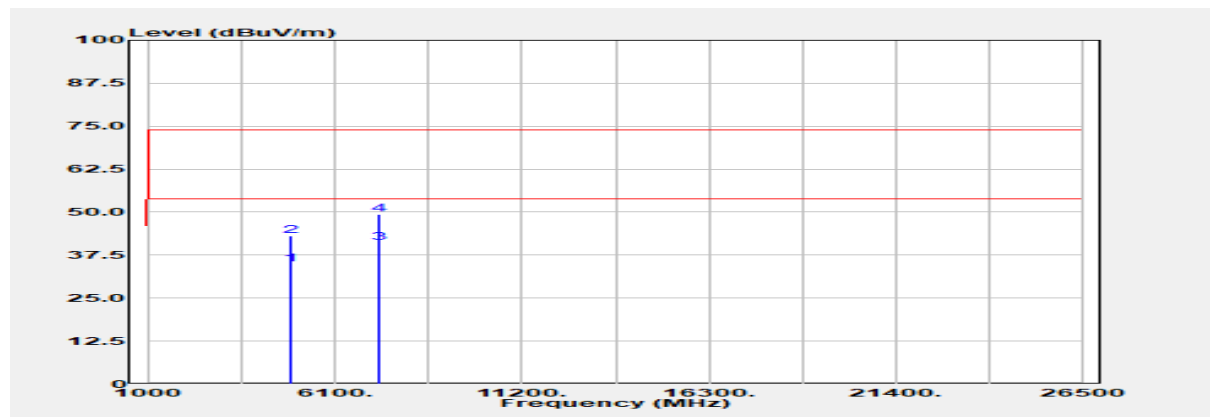
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	22.25	12.61	34.86	54.00	-19.14
4874.000	Peak	30.54	12.61	43.15	74.00	-30.85
7311.000	Average	20.52	20.68	41.21	54.00	-12.79
7311.000	Peak	28.65	20.68	49.33	74.00	-24.67

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2462 MHz

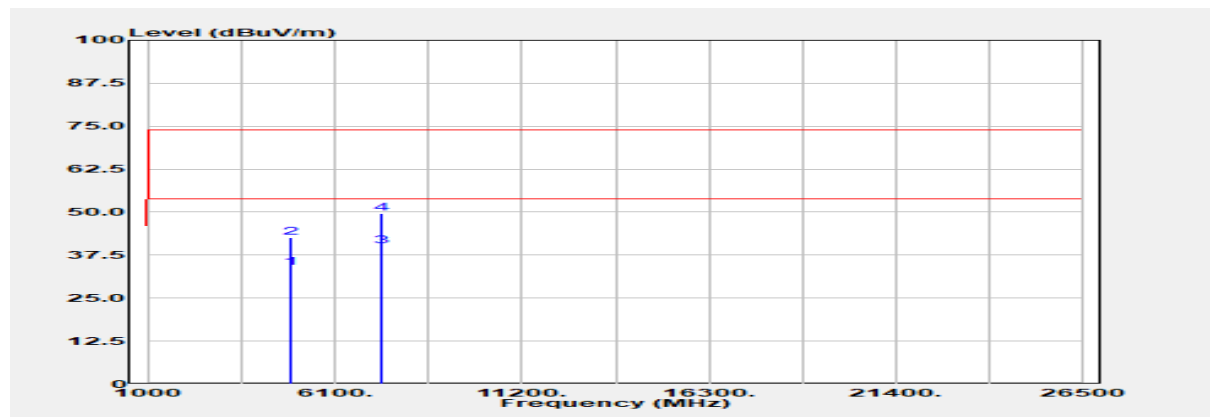
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	21.31	12.40	33.71	54.00	-20.29
4924.000	Peak	30.32	12.40	42.72	74.00	-31.28
7386.000	Average	19.27	20.72	39.99	54.00	-14.01
7386.000	Peak	28.94	20.72	49.66	74.00	-24.34

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Report Number :TERF2211002513E2

Operation Mode :802.11n20

Test Frequency :2462 MHz

Test Mode :Tx

EUT Pol :E2 Plane

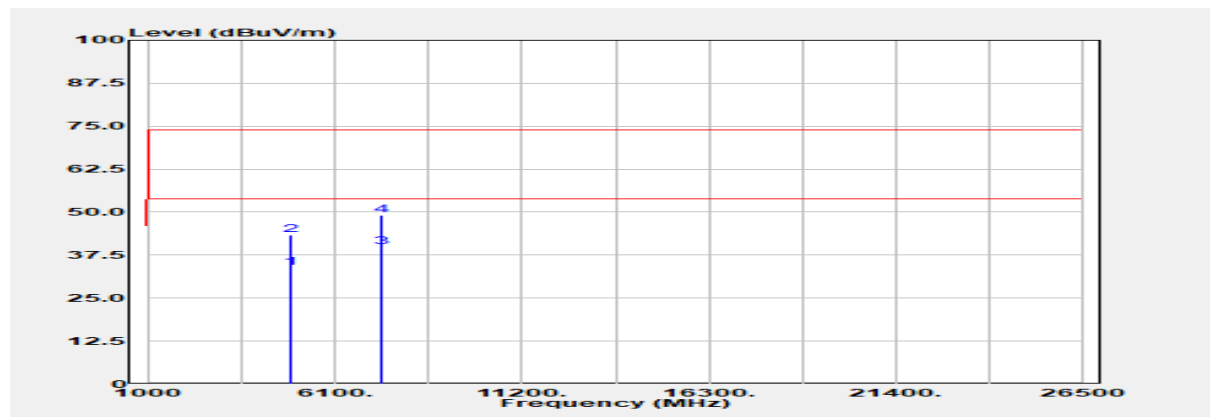
Test Site :SAC C

Test Date :2023-02-06

Temp./Humi. :25.9/62

Antenna Pol. :Horizontal

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	21.43	12.40	33.83	54.00	-20.17
4924.000	Peak	30.95	12.40	43.35	74.00	-30.65
7386.000	Average	19.13	20.72	39.85	54.00	-14.15
7386.000	Peak	28.41	20.72	49.13	74.00	-24.87

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2412 MHz

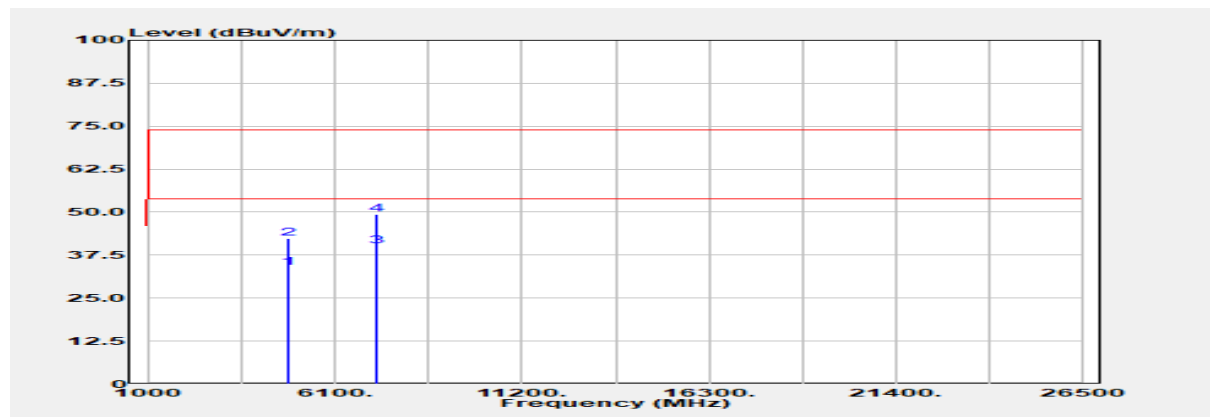
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	21.33	12.55	33.87	54.00	-20.13
4824.000	Peak	29.89	12.55	42.44	74.00	-31.56
7236.000	Average	20.00	20.09	40.09	54.00	-13.91
7236.000	Peak	29.28	20.09	49.36	74.00	-24.64

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2412 MHz

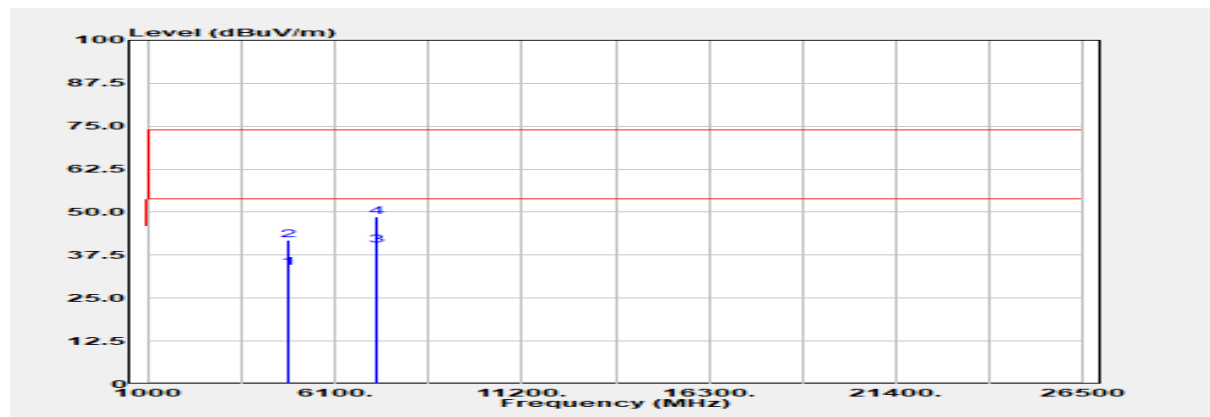
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4824.000	Average	21.23	12.55	33.78	54.00	-20.22
4824.000	Peak	29.43	12.55	41.97	74.00	-32.03
7236.000	Average	20.24	20.09	40.33	54.00	-13.67
7236.000	Peak	28.65	20.09	48.74	74.00	-25.26

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2437 MHz

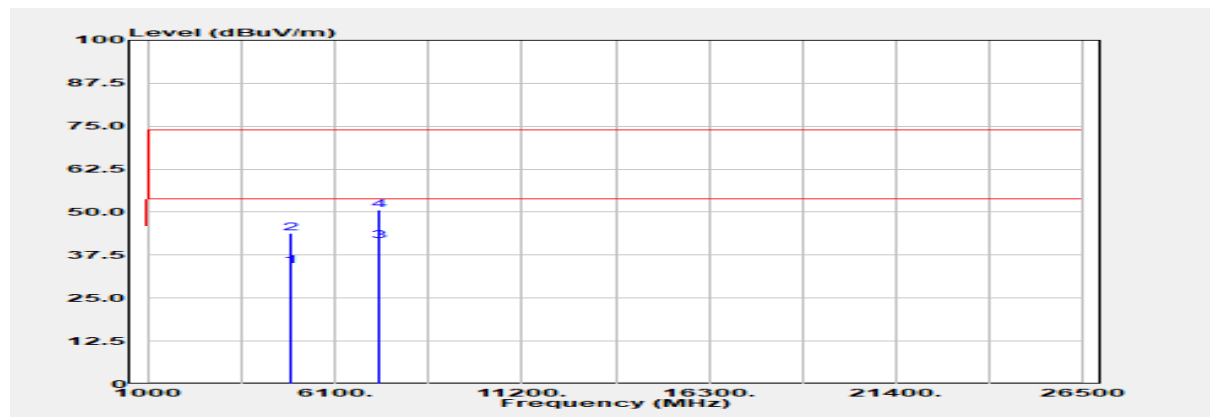
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	21.76	12.61	34.36	54.00	-19.64
4874.000	Peak	31.21	12.61	43.82	74.00	-30.18
7311.000	Average	20.84	20.68	41.53	54.00	-12.47
7311.000	Peak	29.86	20.68	50.54	74.00	-23.46

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2437 MHz

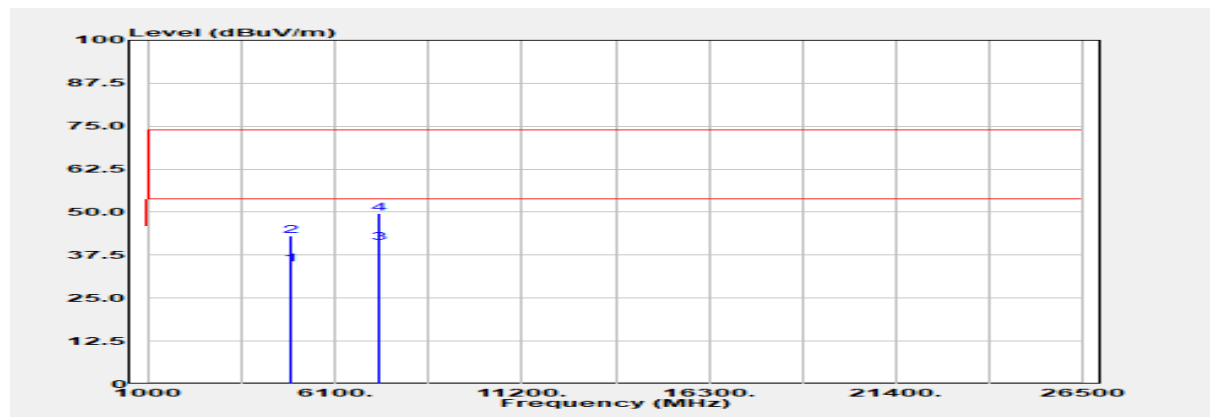
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	22.16	12.61	34.77	54.00	-19.23
4874.000	Peak	30.45	12.61	43.06	74.00	-30.94
7311.000	Average	20.50	20.68	41.18	54.00	-12.82
7311.000	Peak	29.04	20.68	49.72	74.00	-24.28

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2462 MHz

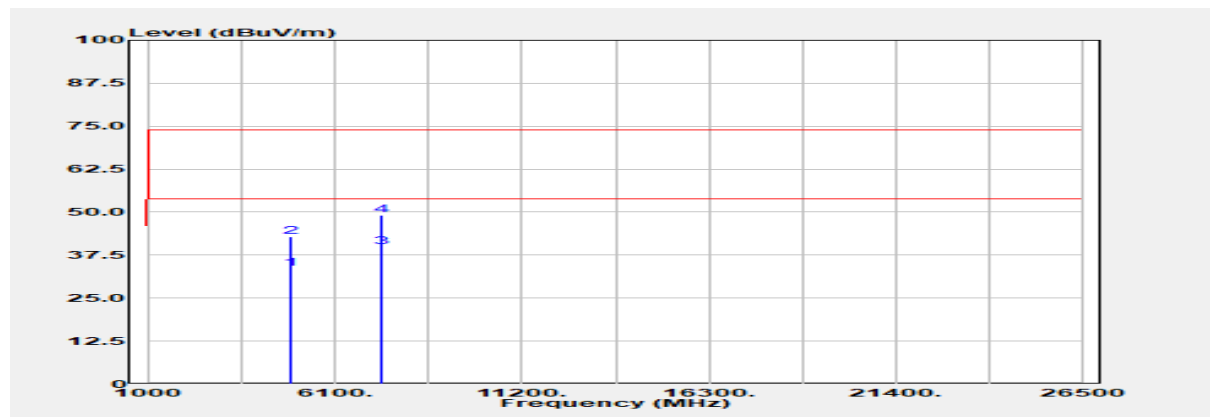
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	21.24	12.40	33.64	54.00	-20.36
4924.000	Peak	30.54	12.40	42.94	74.00	-31.06
7386.000	Average	19.18	20.72	39.90	54.00	-14.10
7386.000	Peak	28.31	20.72	49.03	74.00	-24.97

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2462 MHz

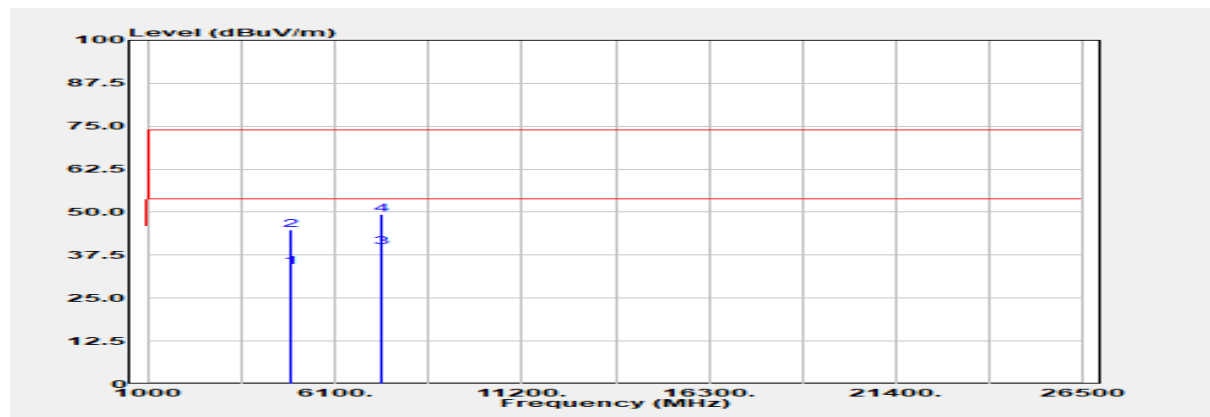
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.000	Average	21.74	12.40	34.14	54.00	-19.86
4924.000	Peak	32.39	12.40	44.79	74.00	-29.21
7386.000	Average	19.14	20.72	39.86	54.00	-14.14
7386.000	Peak	28.60	20.72	49.31	74.00	-24.69

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12 POWER SPECTRAL DENSITY

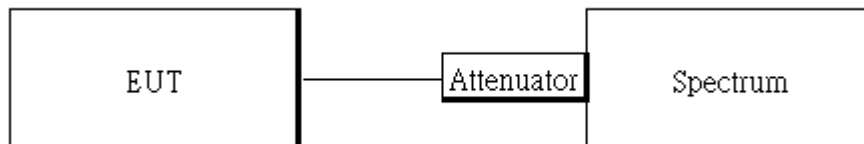
12.1 Standard Applicable

Per Part 15.247 (e)

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

12.2 Test Setup



12.3 Measurement Procedure

1. Set analyzer center frequency to DTS channel center frequency.
2. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance .
3. Set the span to 1.5 times the DTS channel bandwidth.
4. Set the RBW = 3 kHz & VBW = 10 kHz.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

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12.4 Power spectral density

POWER DENSITY 802.11b				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-2.10	-2.10	8.00	PASS
2437	-2.43	-2.43	8.00	PASS
2462	-1.08	-1.08	8.00	PASS

POWER DENSITY 802.11g				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-12.22	-12.22	8.00	PASS
2437	-8.79	-8.79	8.00	PASS
2462	-10.60	-10.60	8.00	PASS

POWER DENSITY 802.11n HT20				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-11.95	-11.95	8.00	PASS
2437	-8.55	-8.55	8.00	PASS
2462	-12.03	-12.03	8.00	PASS

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POWER DENSITY 802.11ax HE20					
Freq. (MHz)	RU Config	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	RU	-13.49	-13.49	8.00	PASS
	SU	-13.99	-13.99	8.00	PASS
	26/0	-5.92	-5.92	8.00	PASS
	26/8	-5.92	-5.92	8.00	PASS
	52/37	-6.87	-6.87	8.00	PASS
	52/40	-7.12	-7.12	8.00	PASS
	106/53	-10.59	-10.59	8.00	PASS
	106/54	-9.05	-9.05	8.00	PASS
2437	RU	-10.40	-10.40	8.00	PASS
	SU	-13.56	-13.56	8.00	PASS
2462	RU	-13.75	-13.75	8.00	PASS
	SU	-13.68	-13.68	8.00	PASS
	26/8	-4.50	-4.50	8.00	PASS
	26/0	-4.28	-4.28	8.00	PASS
	52/40	-6.32	-6.32	8.00	PASS
	52/37	-7.63	-7.63	8.00	PASS
	106/54	-9.88	-9.88	8.00	PASS
	106/53	-9.99	-9.99	8.00	PASS

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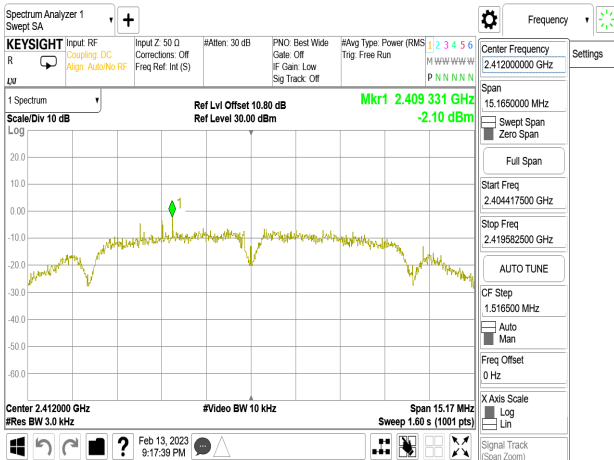
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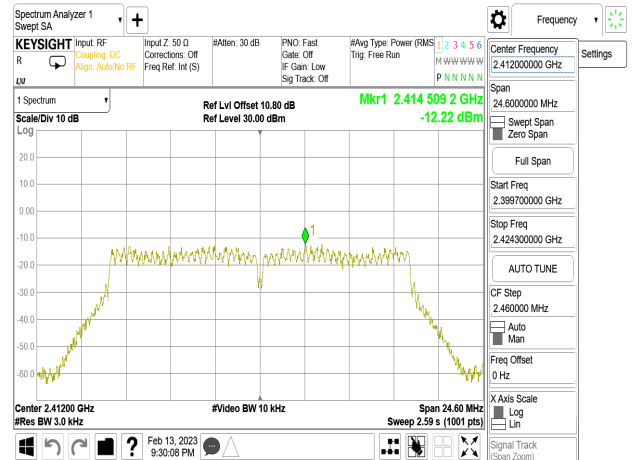
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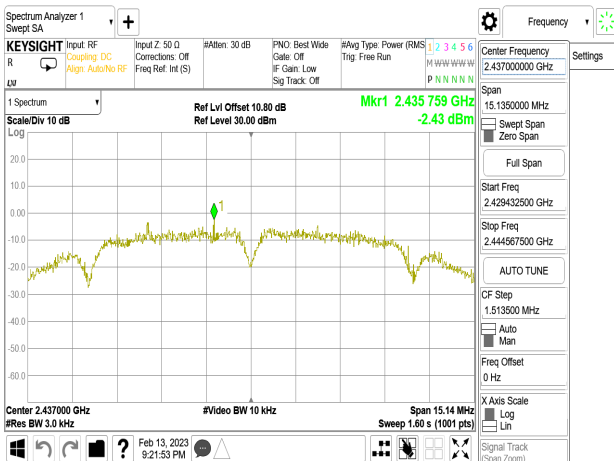
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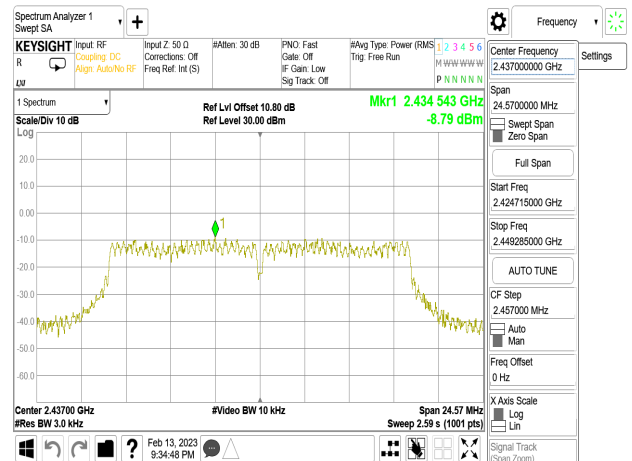
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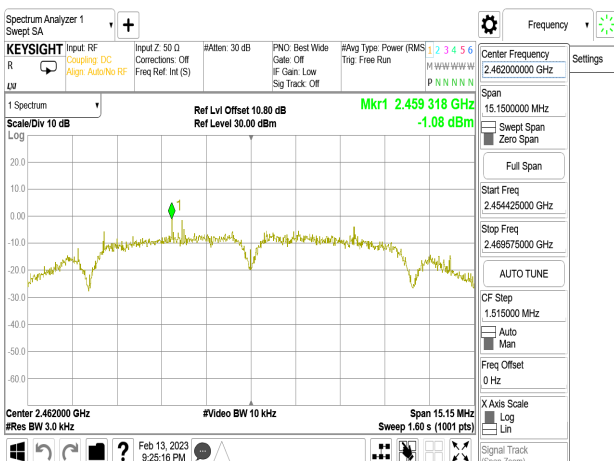
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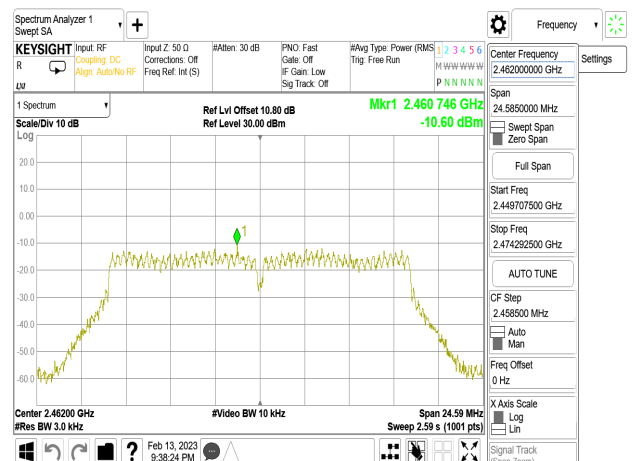
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802.11b_20MHz_Chain0_2462MHz



802.11g_20MHz_Chain0_2462MHz

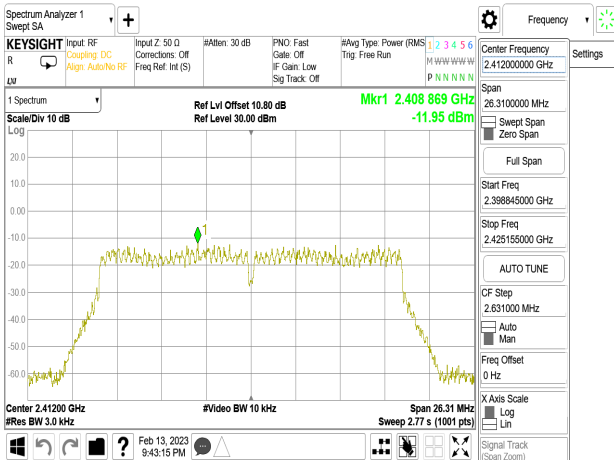


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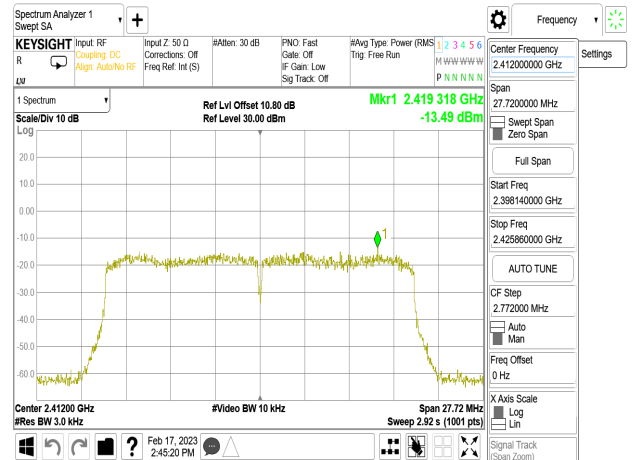
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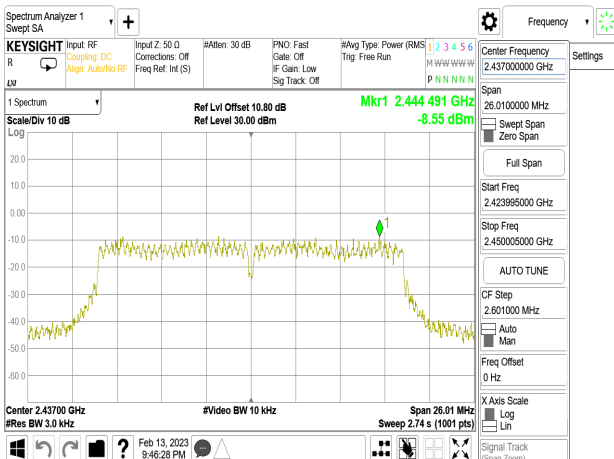
802.11n_20MHz_Chain0_2412MHz



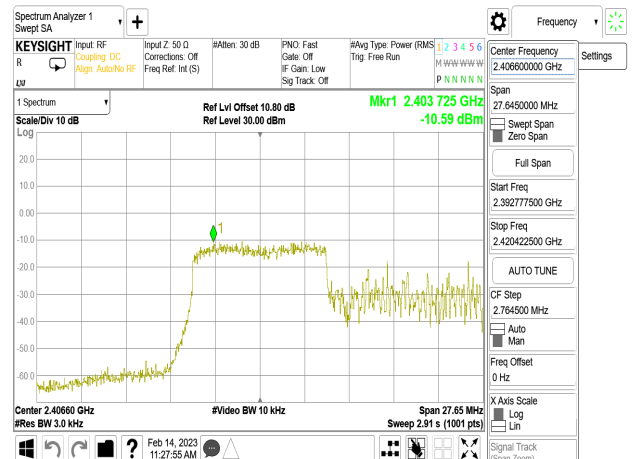
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802.11n_20MHz_Chain0_2437MHz



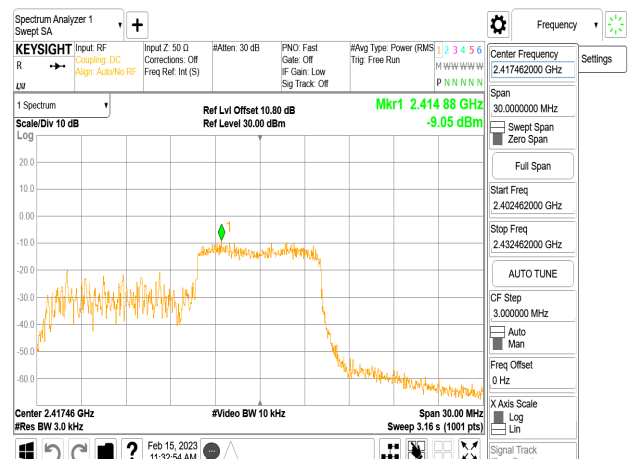
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802.11n_20MHz_Chain0_2462MHz



802.11ax_20MHz_Chain0_2412MHz_RU106_54



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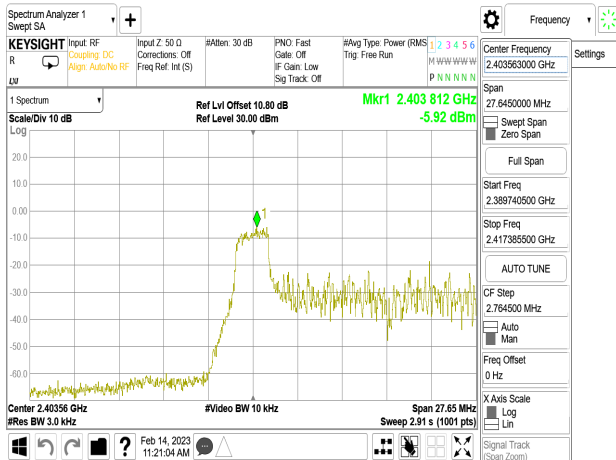
t (886-2) 2299-3279

f (886-2) 2298-0488

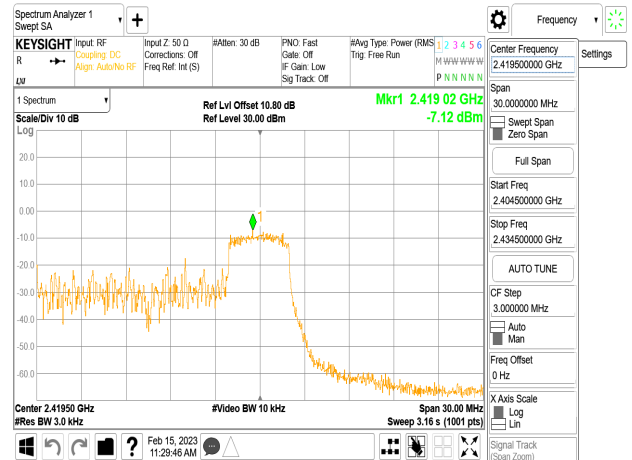
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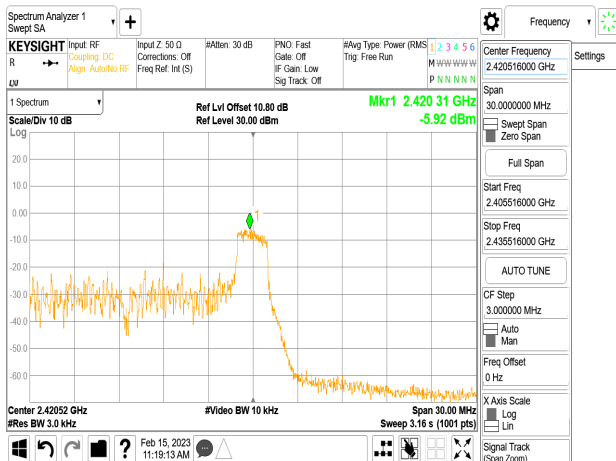
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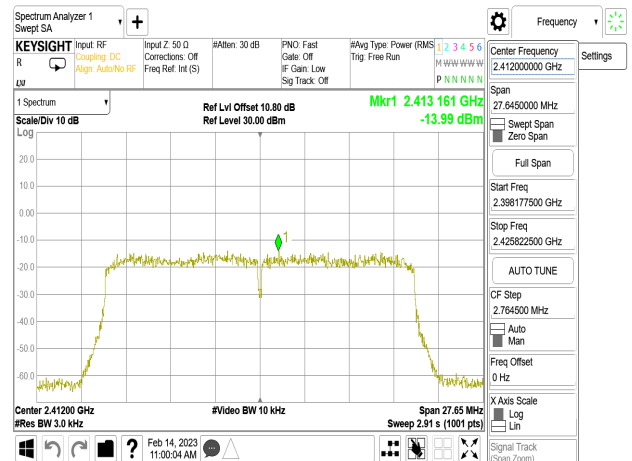
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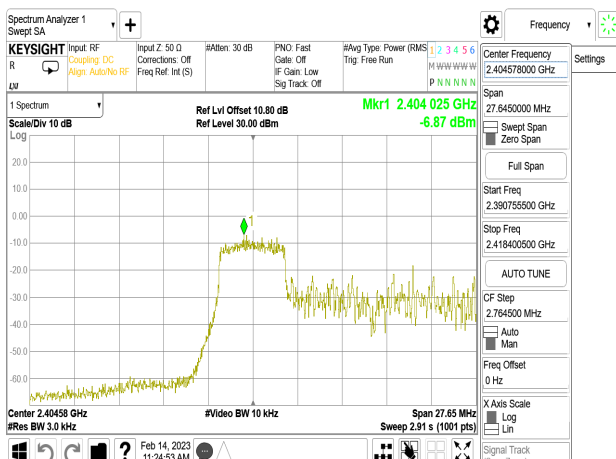
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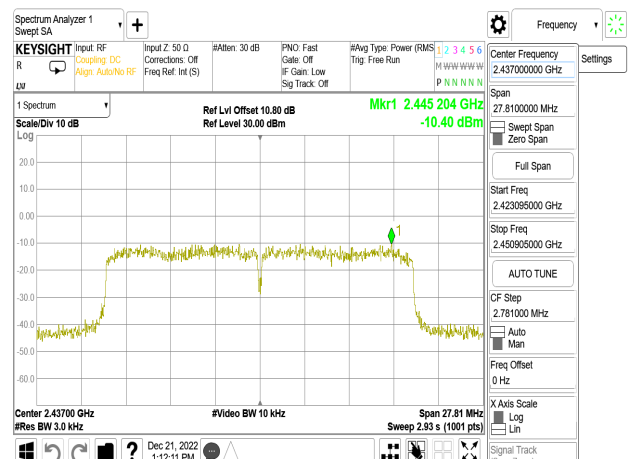
802.11ax_20MHz_Chain0_2412MHz_SU



802.11ax_20MHz_Chain0_2412MHz_RU52_37



802.11ax_20MHz_Chain0_2437MHz_RU



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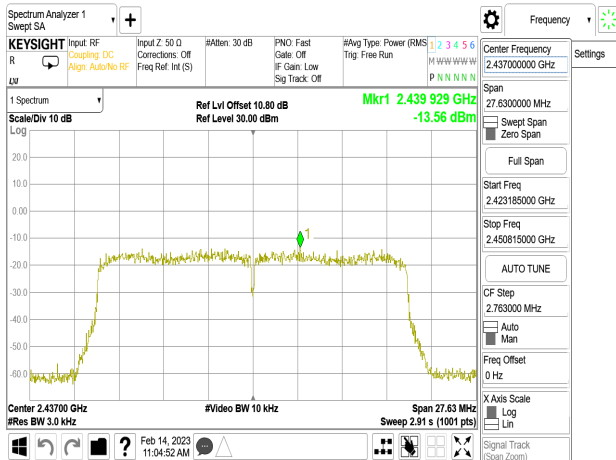
t (886-2) 2299-3279

f (886-2) 2298-0488

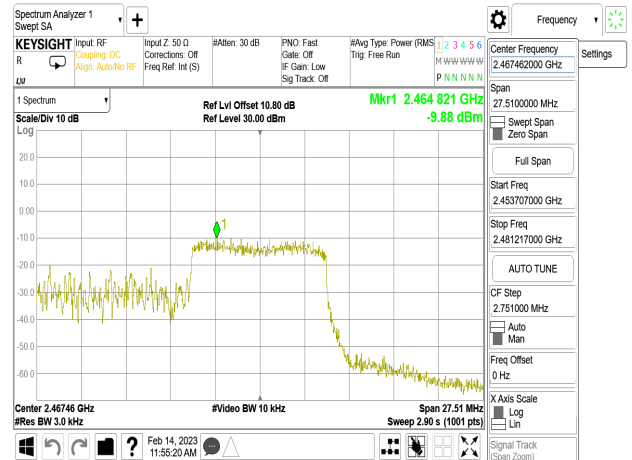
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802.11ax_20MHz_Chain0_2437MHz_SU



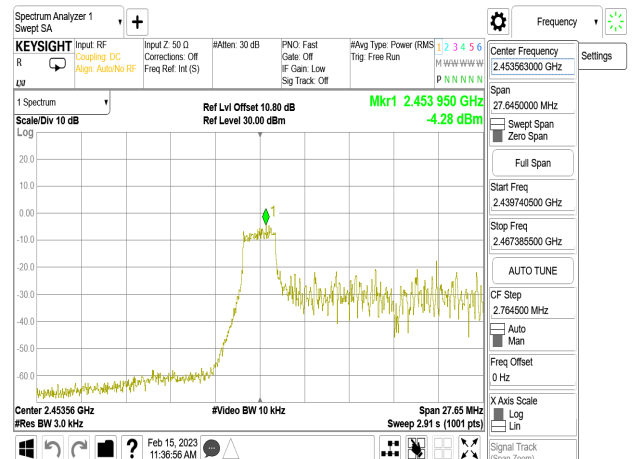
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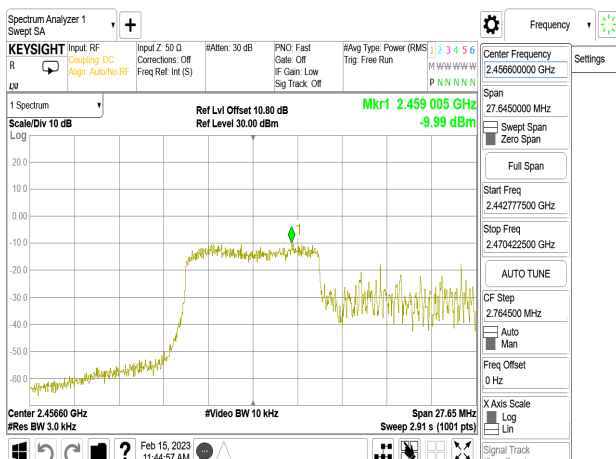
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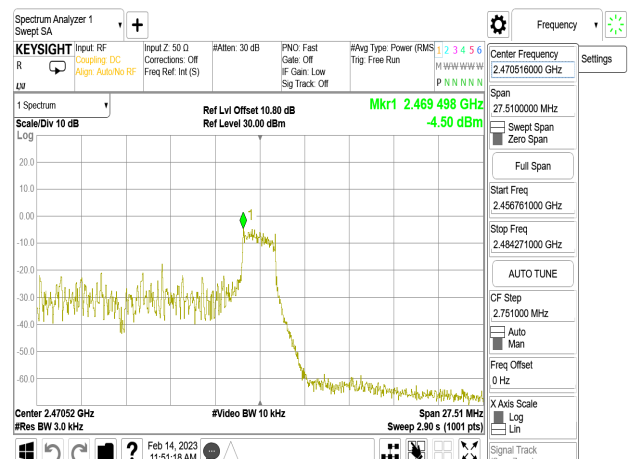
802.11ax_20MHz_Chain0_2462MHz_RU26_0



802.11ax_20MHz_Chain0_2462MHz_RU106_53



802.11ax_20MHz_Chain0_2462MHz_RU26_8



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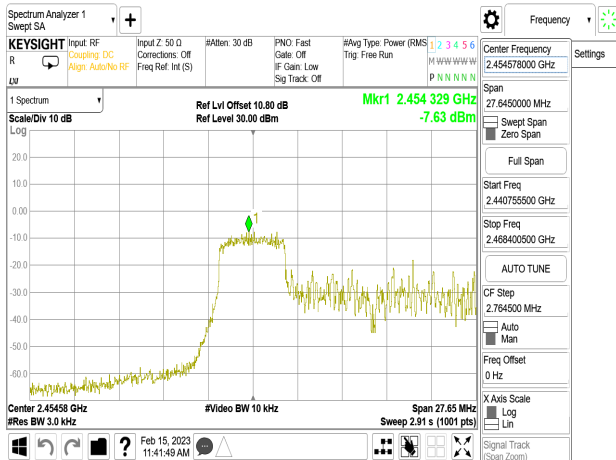
t (886-2) 2299-3279

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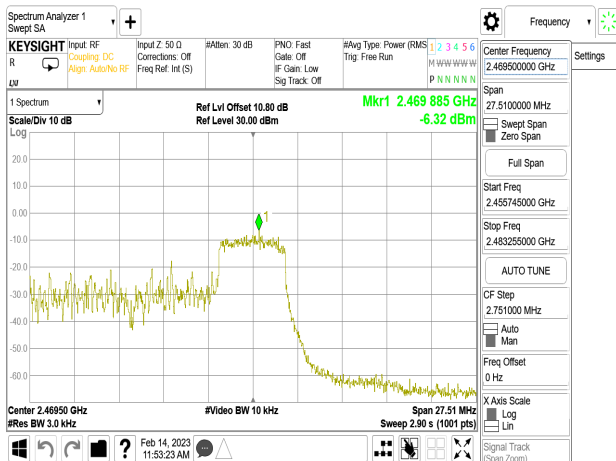
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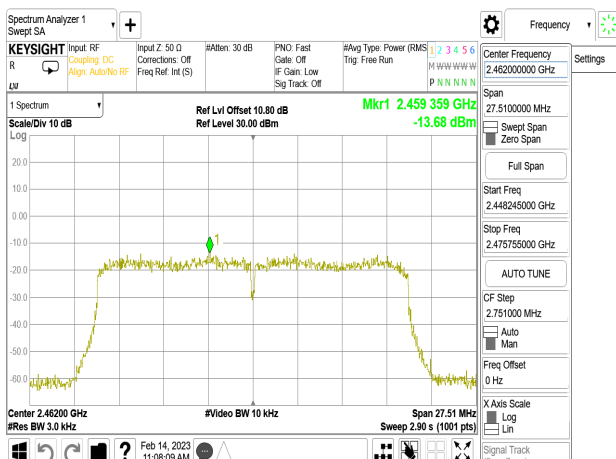
802.11ax_20MHz_Chain0_2462MHz_RU52_37



802.11ax_20MHz_Chain0_2462MHz_RU52_40



802.11ax_20MHz_Chain0_2462MHz_SU



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13 ANTENNA REQUIREMENT

13.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

13.2 Antenna Connected Construction

The antenna complies with this requirement and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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