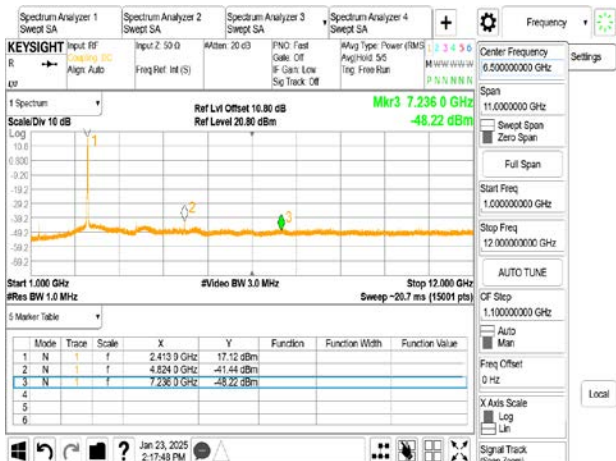
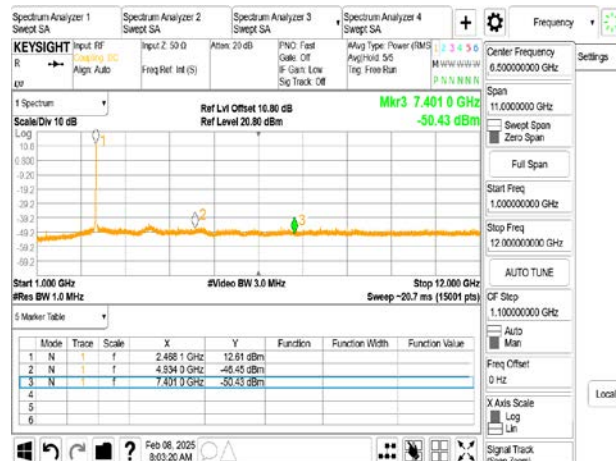


802_11b_20M_2412MHz



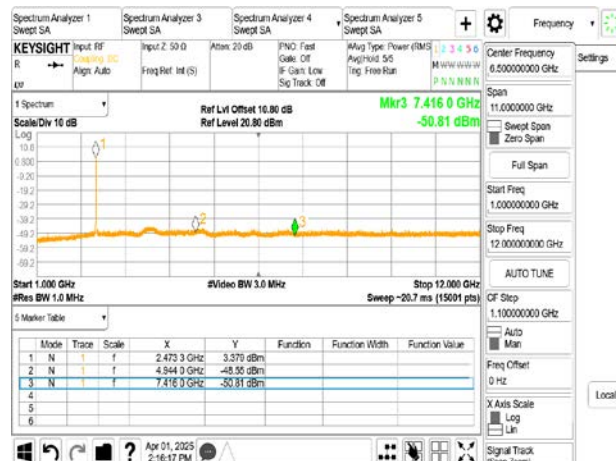
802_11b_20M_2467MHz



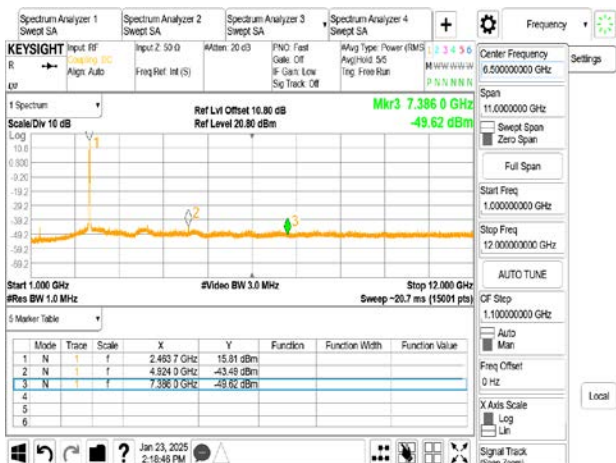
802_11b_20M_2437MHz



802_11b_20M_2472MHz



802_11b_20M_2462MHz



802_11g_20M_2412MHz

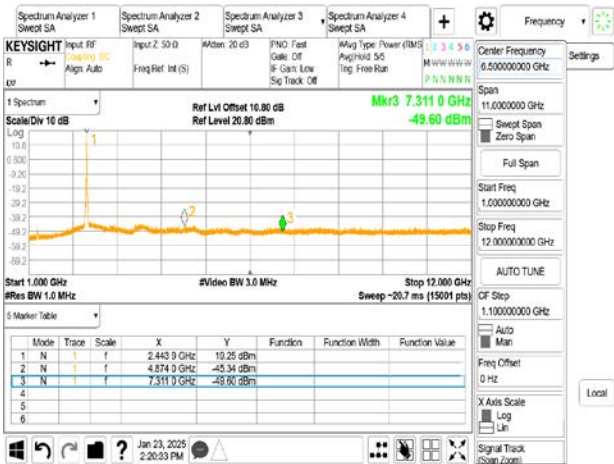


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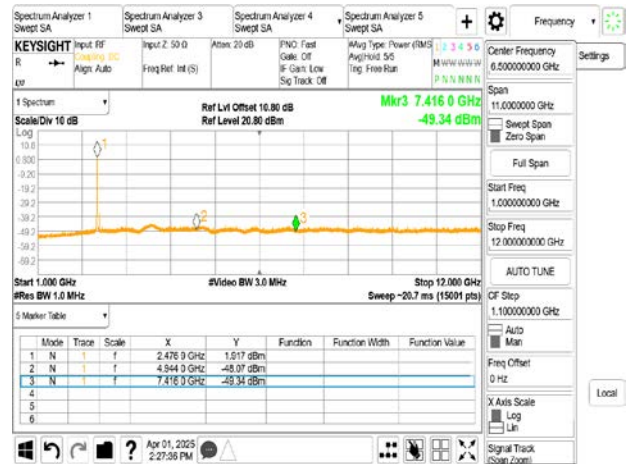
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802_11g_20M_2437MHz



802_11g_20M_2472MHz



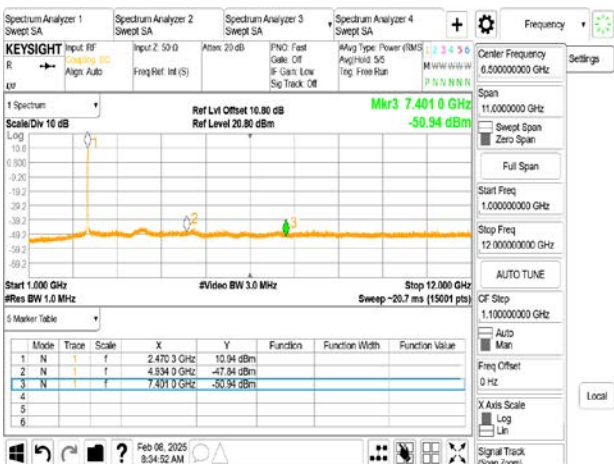
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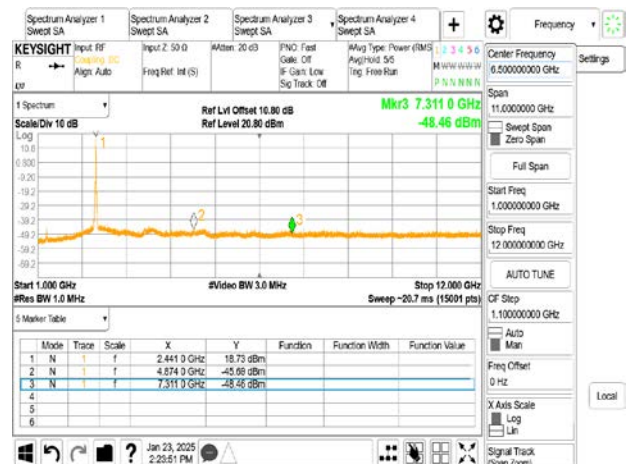
802_11n_20M_2412MHz



802_11g_20M_2467MHz



802_11n_20M_2437MHz



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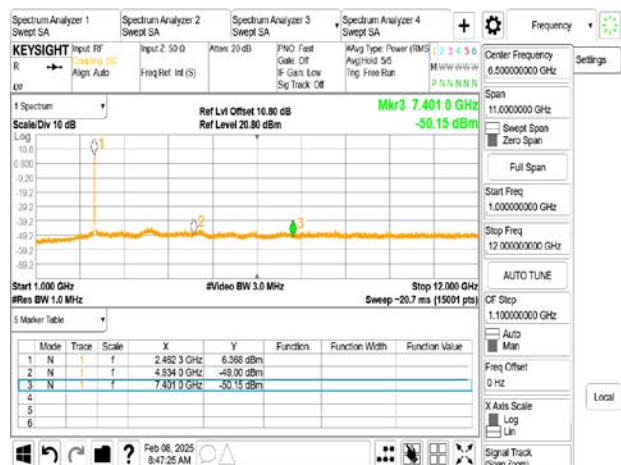
802 11n 20M 2462MHz



802 11n 20M 2472MHz



802 11n 20M 2467MHz



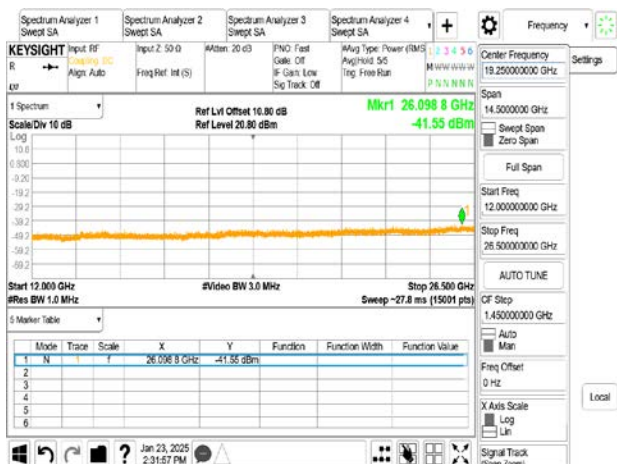
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Peak (12~26.5GHz)

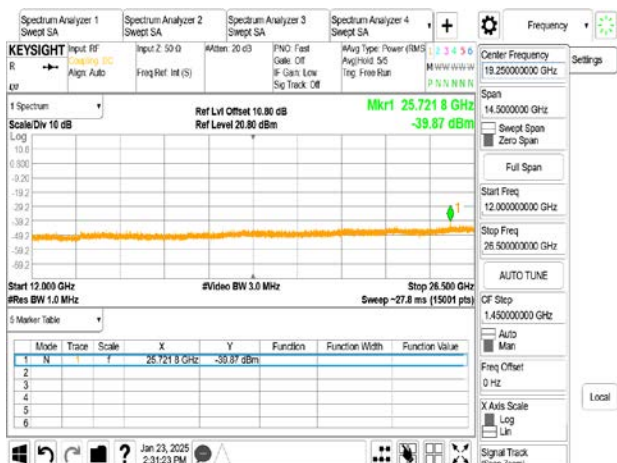
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802 11b 20M 2467MHz



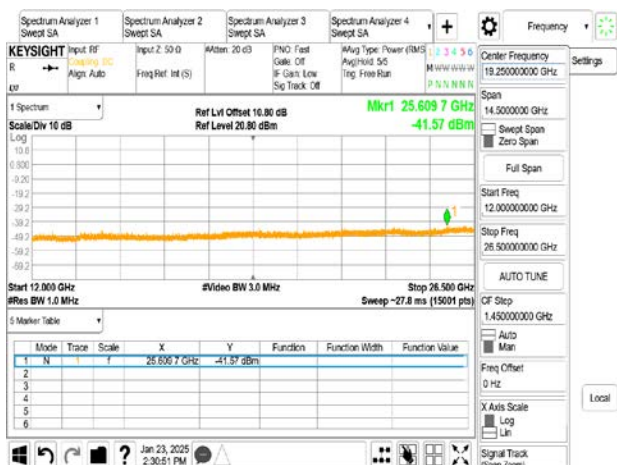
802 11b 20M 2437MHz



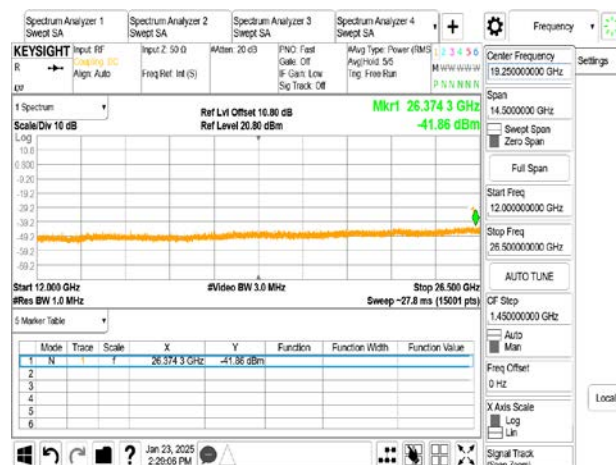
802 11b 20M 2472MHz



802 11b 20M 2462MHz



802_11g_20M_2412MHz

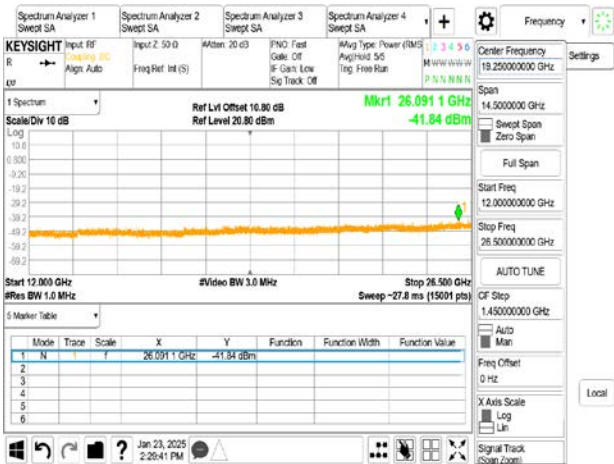


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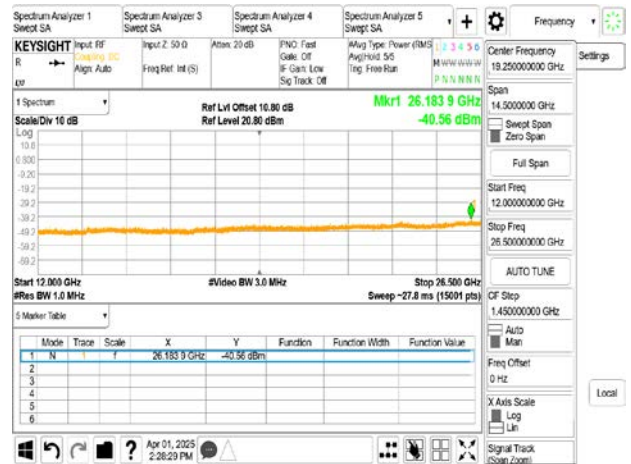
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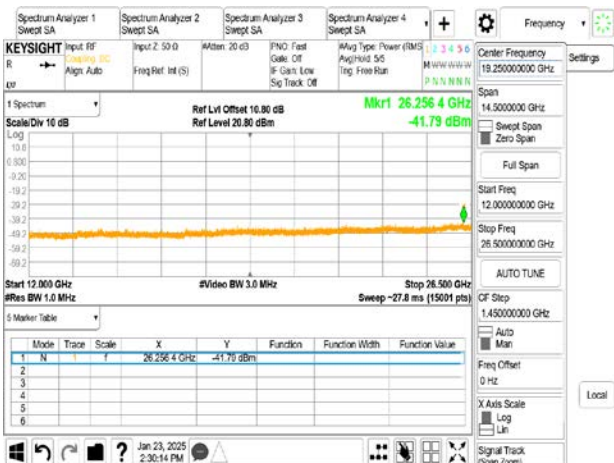
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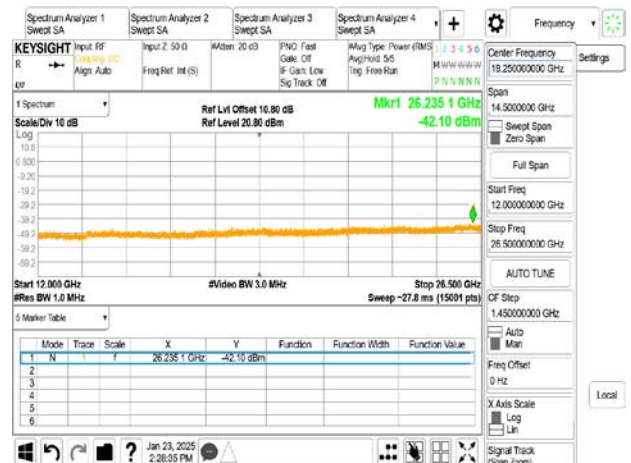
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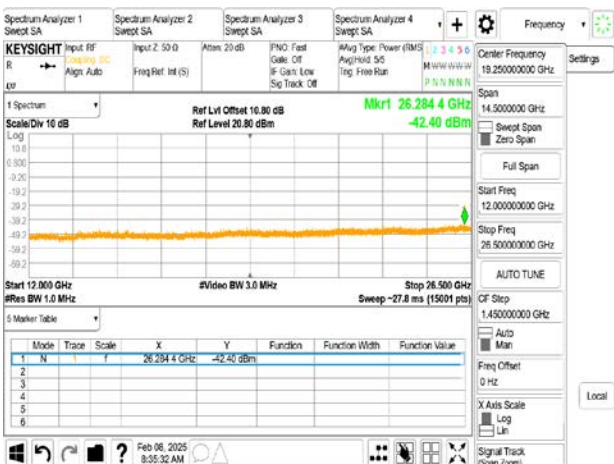
802_11g_20M_2462MHz



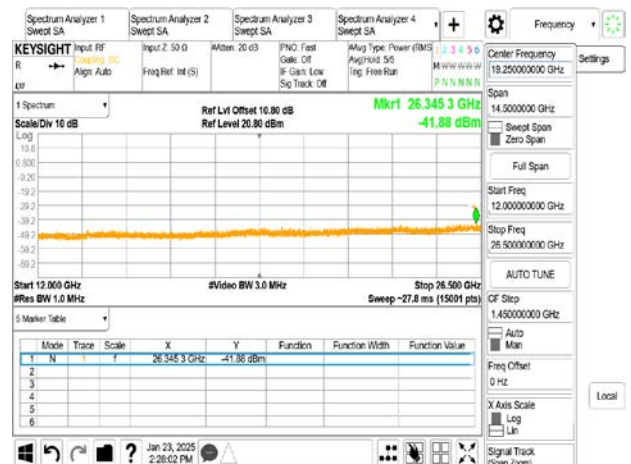
802_11n_20M_2412MHz



802_11g_20M_2467MHz



802_11n_20M_2437MHz

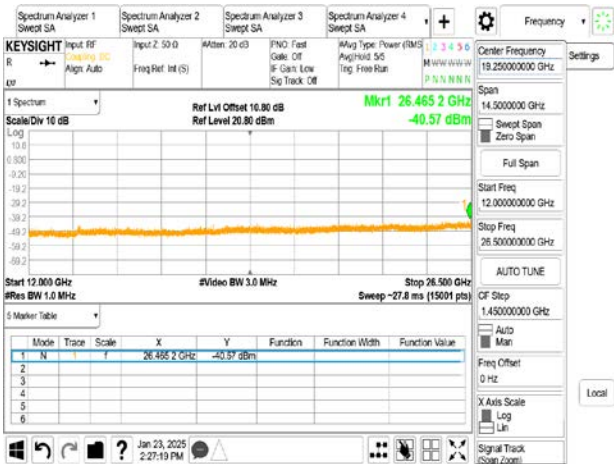


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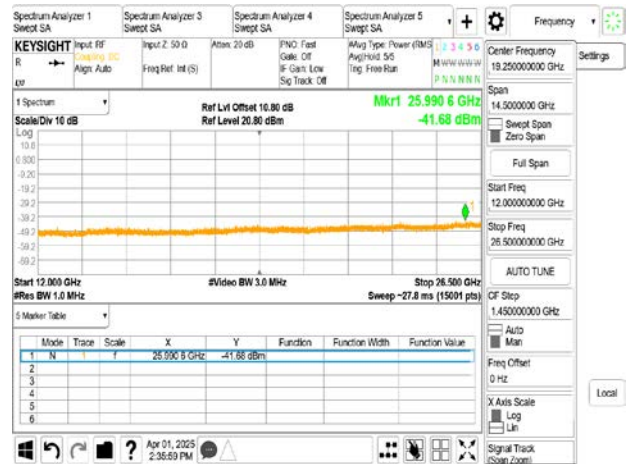
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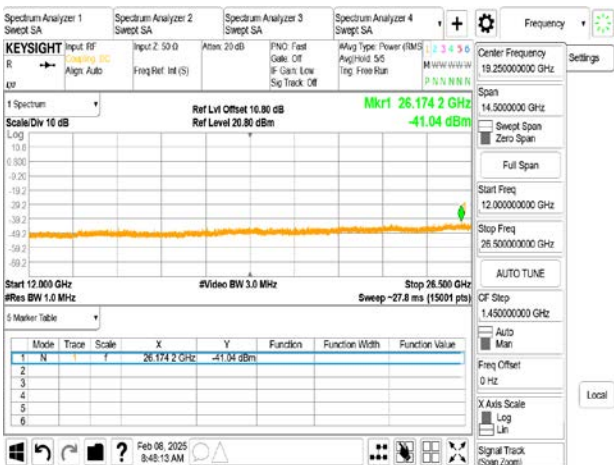
802_11n_20M_2462MHz



802_11n_20M_2472MHz



802_11n_20M_2467MHz



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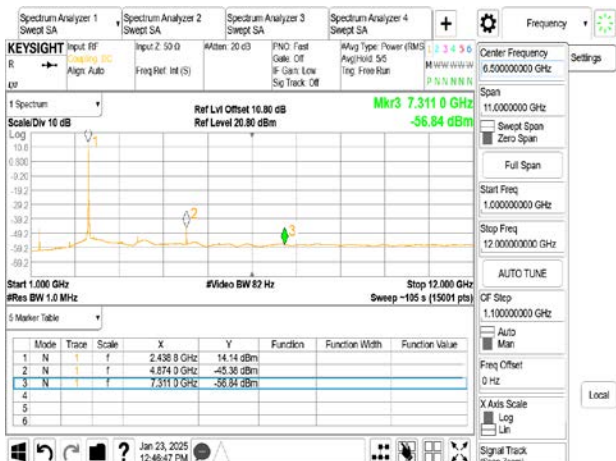
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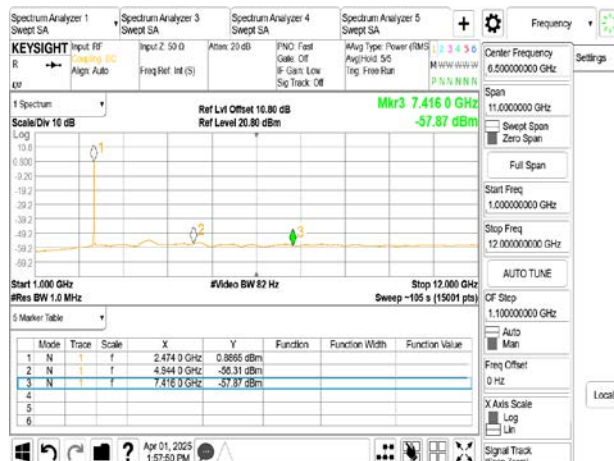
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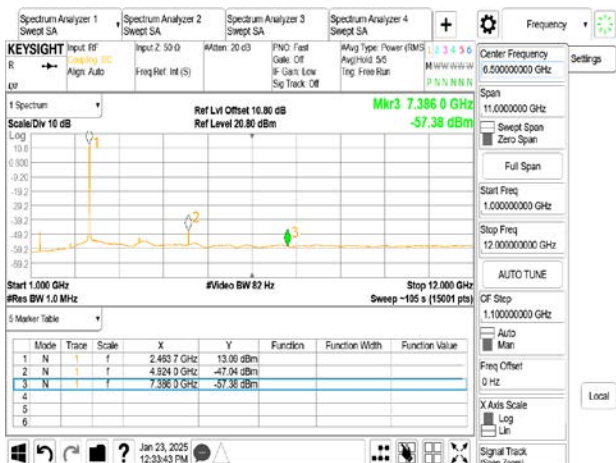
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802_11b_20M_2472MHz



802_11b_20M_2462MHz



802_11g_20M_2412MHz

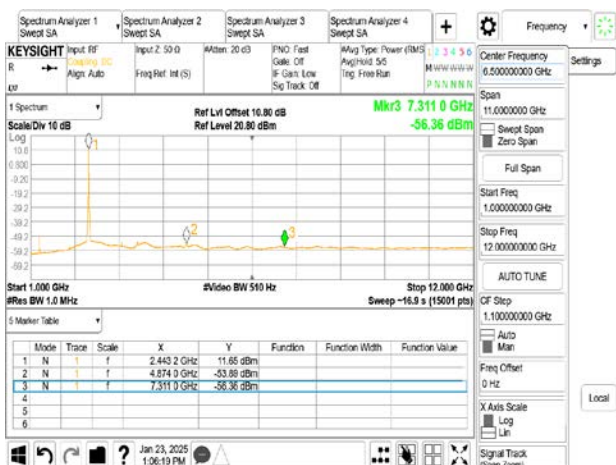


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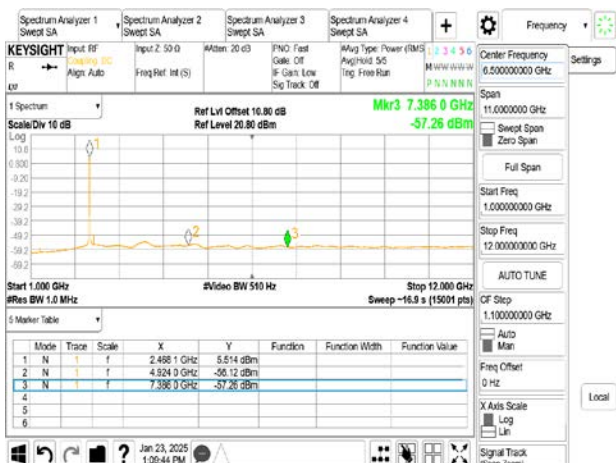
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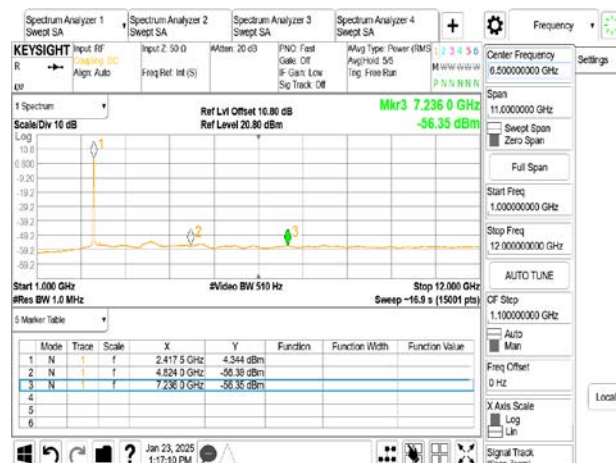
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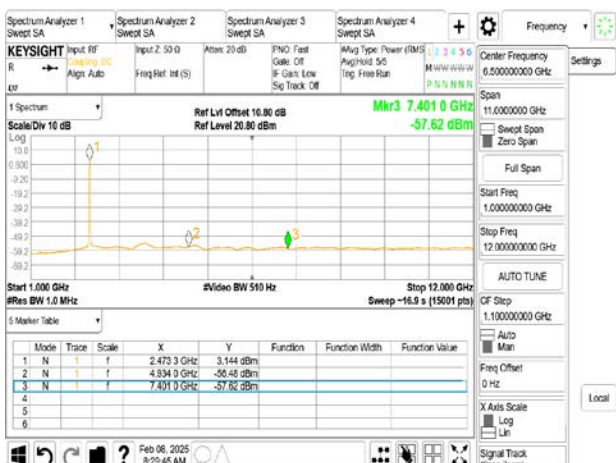
802_11g_20M_2462MHz



802_11n_20M_2412MHzG



802_11g_20M_2467MHz



802_11n_20M_2437MHz

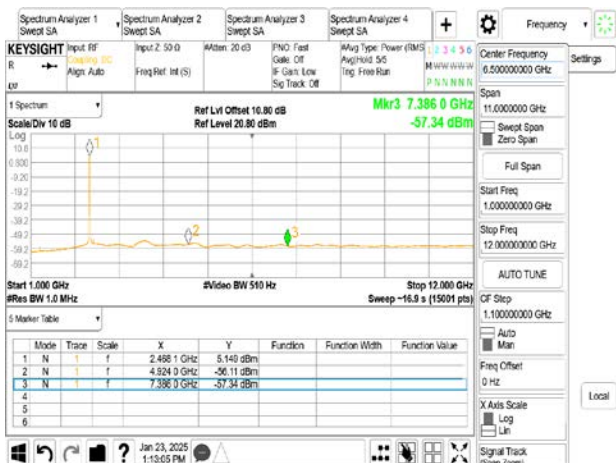


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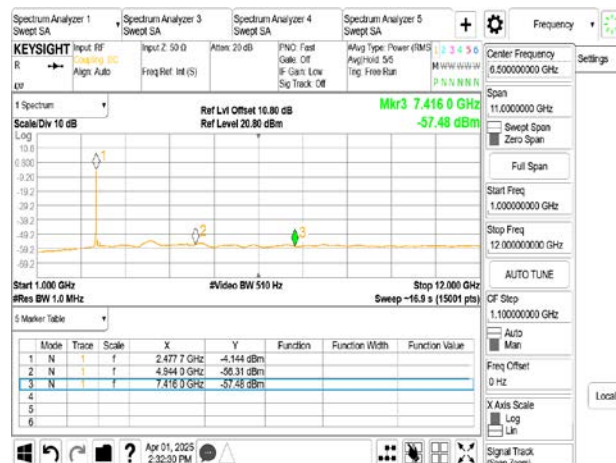
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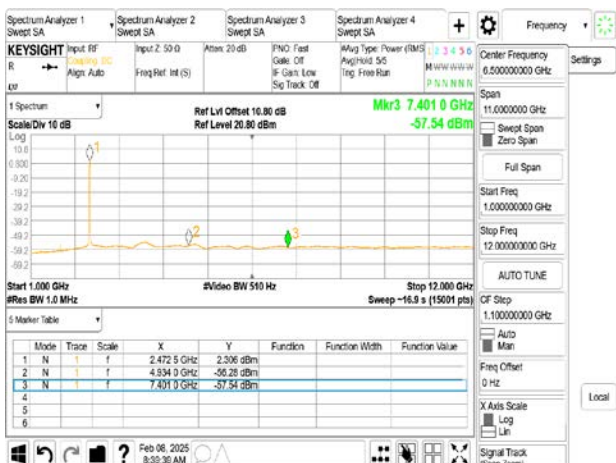
802_11n_20M_2462MHz



802_11n_20M_2472MHz



802_11n_20M_2467MHz



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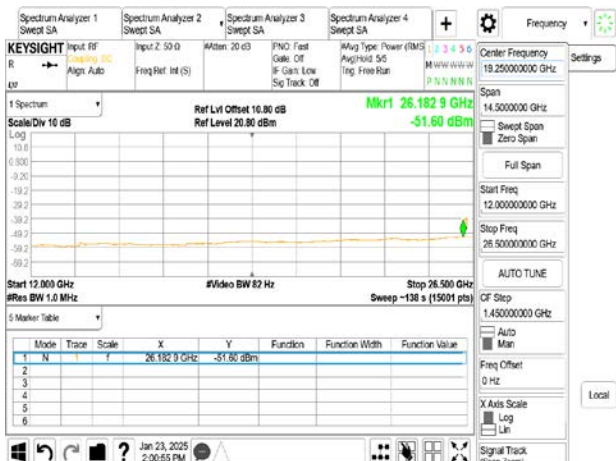
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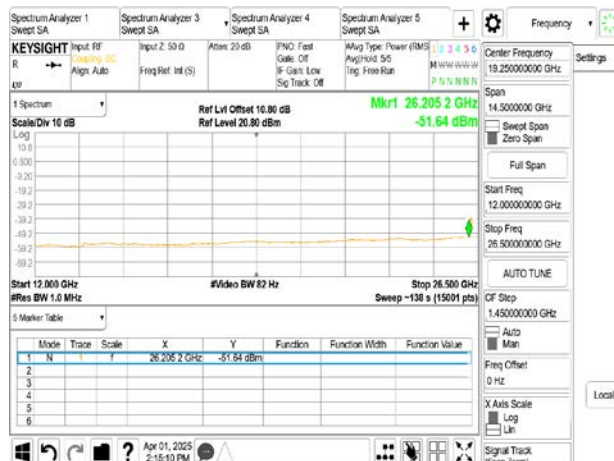
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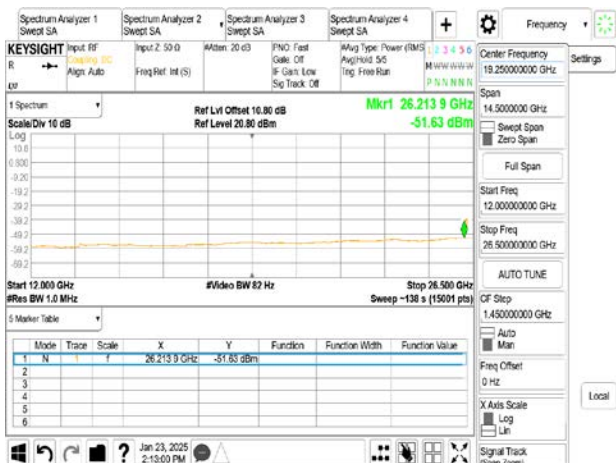
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802_11b_20M_2472MHz



802_11b_20M_2462MHz



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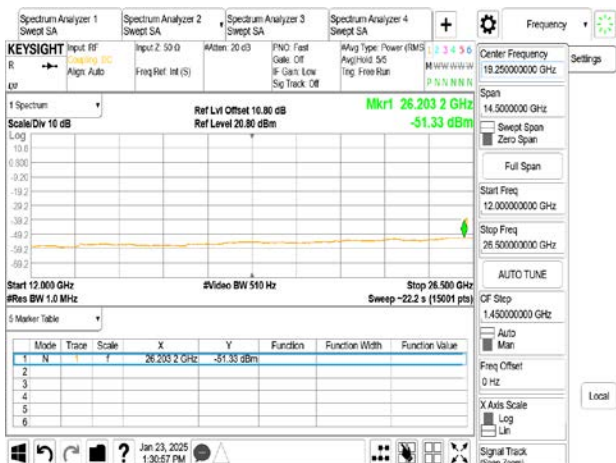


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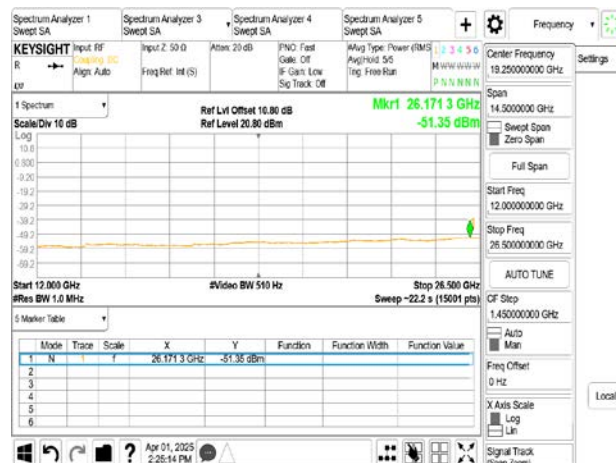
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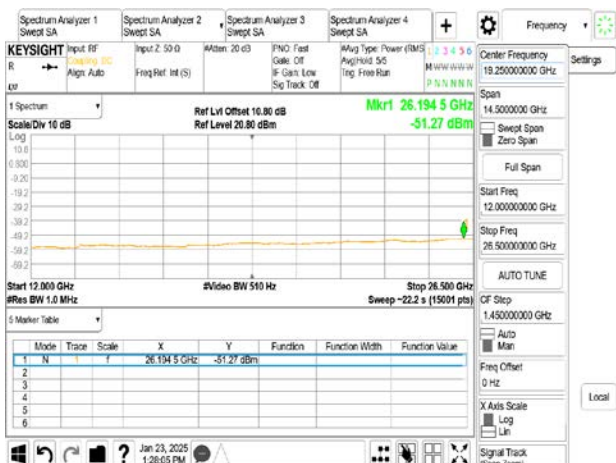
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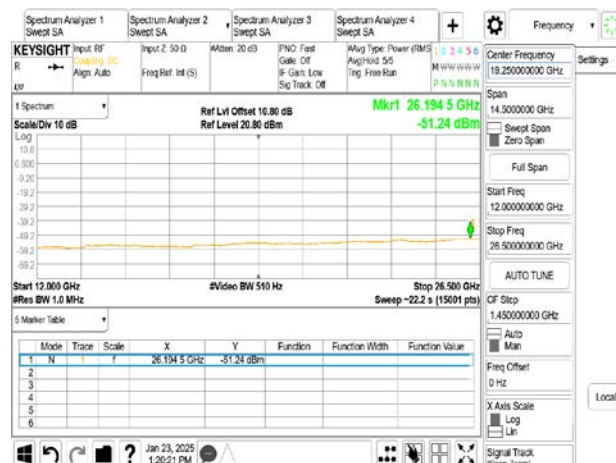
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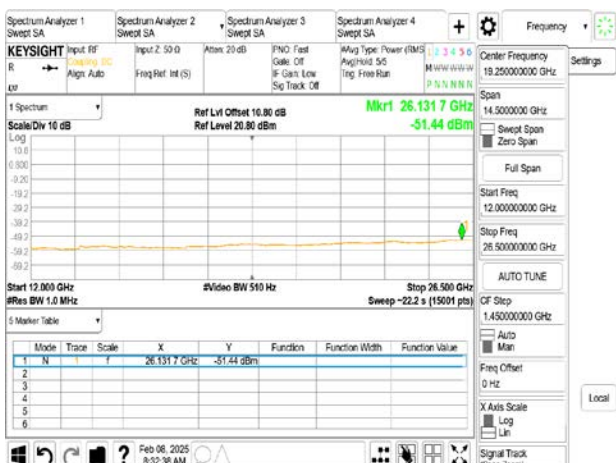
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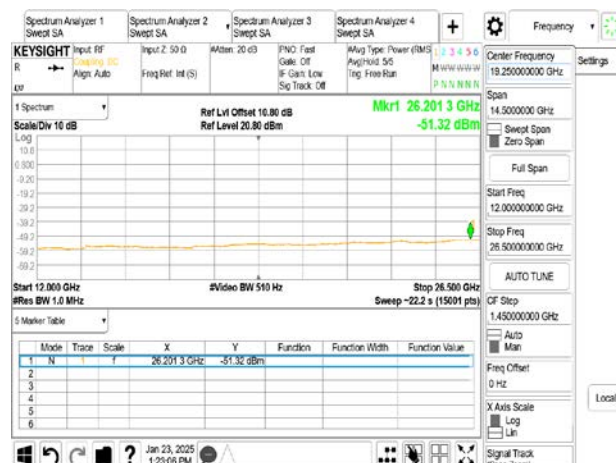
802_11n_20M_2412MHz



802_11g_20M_2467MHz



802_11n_20M_2437MHz



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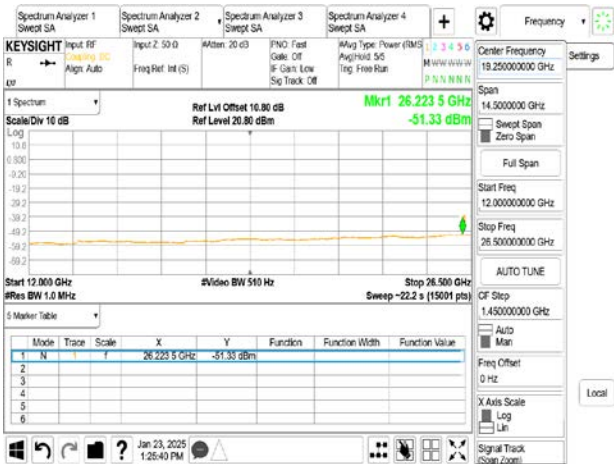
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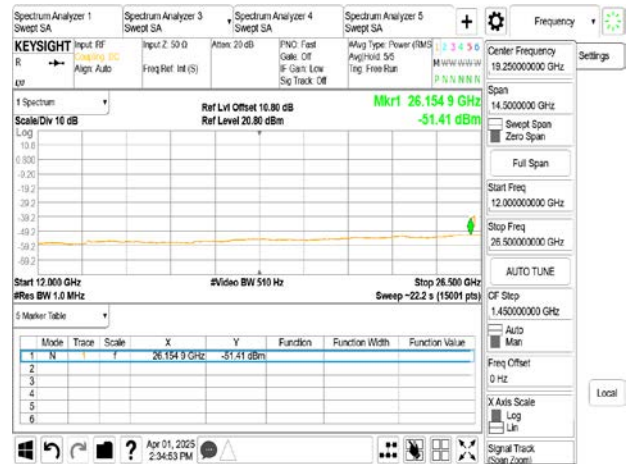
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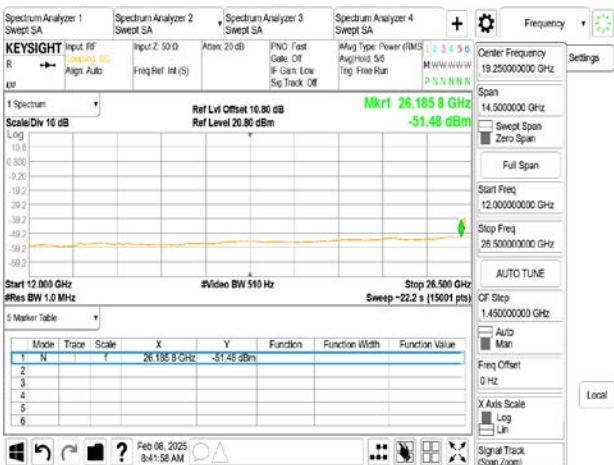
802_11n_20M_2462MHz



802_11n_20M_2472MHz



802_11n_20M_2467MHz



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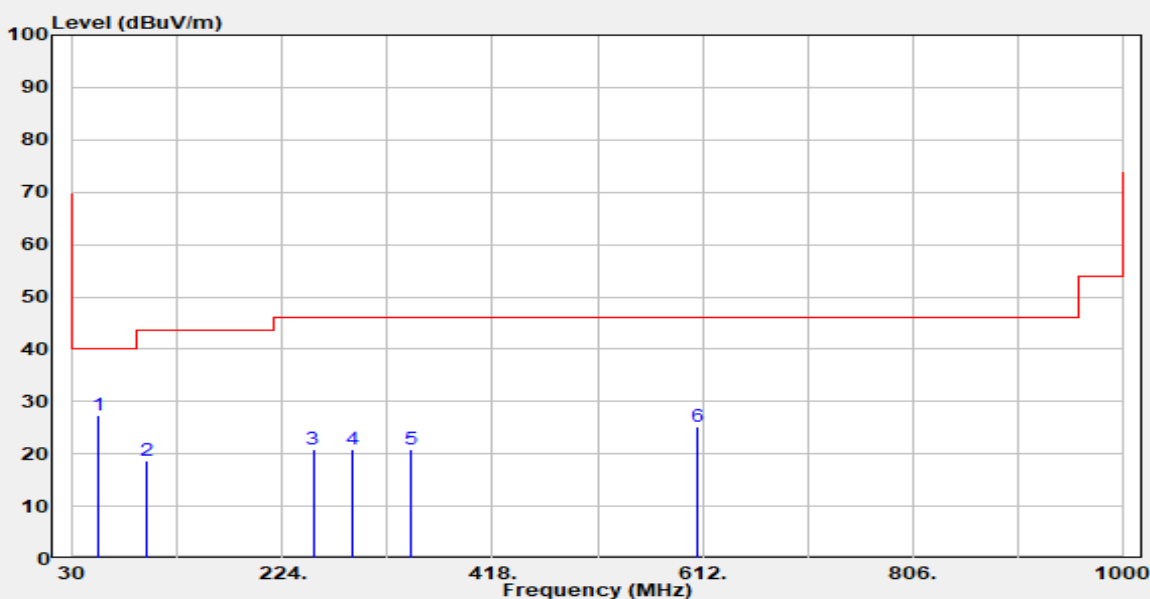
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11.7.3 Spurious Emission:

Report Number :TERF2501000169E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-04-22
 Temp./Humi. :19.7°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



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
53.28	Peak	44.93	-17.51	27.42	40.00	-12.58
97.90	Peak	40.85	-22.16	18.69	43.50	-24.81
252.13	Peak	38.71	-17.88	20.83	46.00	-25.17
288.02	Peak	37.19	-16.38	20.81	46.00	-25.19
342.34	Peak	35.76	-14.96	20.80	46.00	-25.20
608.12	Peak	34.38	-9.08	25.30	46.00	-20.70

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t (886-2) 2299-3279

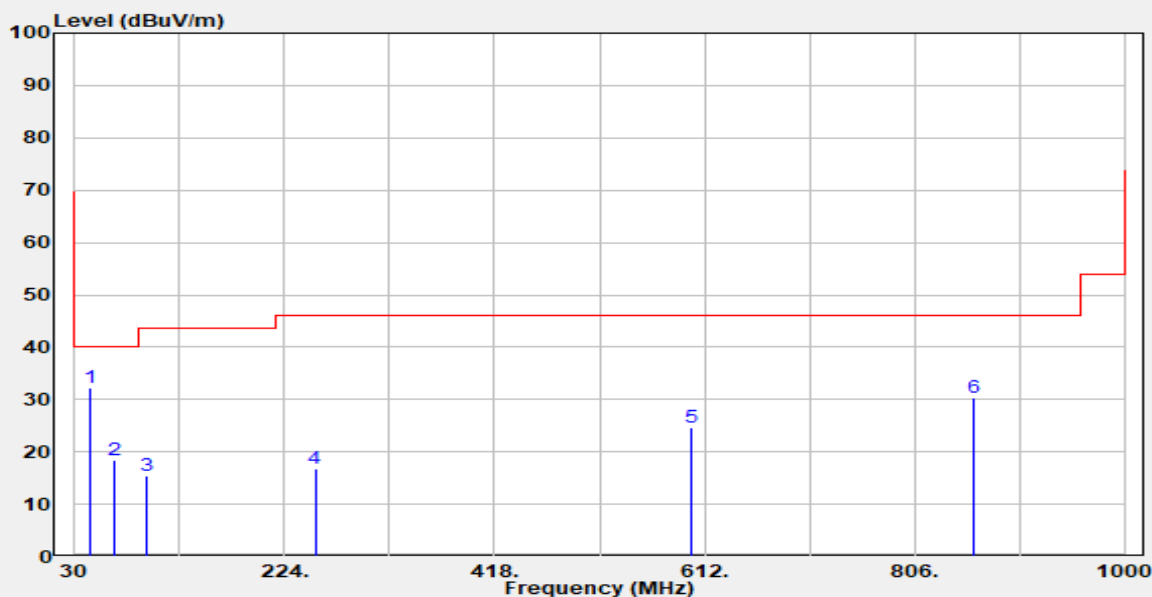
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Report Number :TERF2501000169E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-04-22
 Temp./Humi. :19.7°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
44.55	Peak	50.04	-17.74	32.30	40.00	-7.70
66.86	Peak	37.29	-18.99	18.30	40.00	-21.70
96.93	Peak	37.73	-22.28	15.45	43.50	-28.05
252.13	Peak	34.57	-17.88	16.69	46.00	-29.31
600.36	Peak	33.94	-9.34	24.60	46.00	-21.40
860.32	Peak	36.27	-5.95	30.32	46.00	-15.68

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t (886-2) 2299-3279

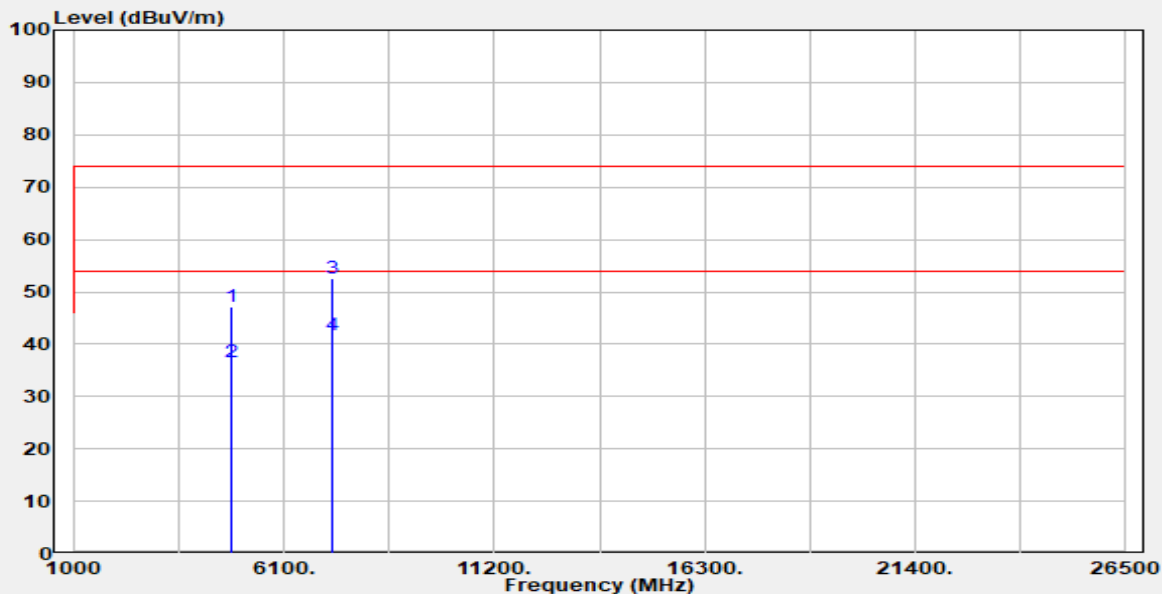
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Report Number :TERF2501000169E2
Operation Mode :802.11b
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Peak	37.55	9.48	47.03	74.00	-26.97
4824.00	Average	27.02	9.48	36.50	54.00	-17.50
7236.00	Peak	35.71	16.98	52.69	74.00	-21.31
7236.00	Average	24.86	16.98	41.84	54.00	-12.16

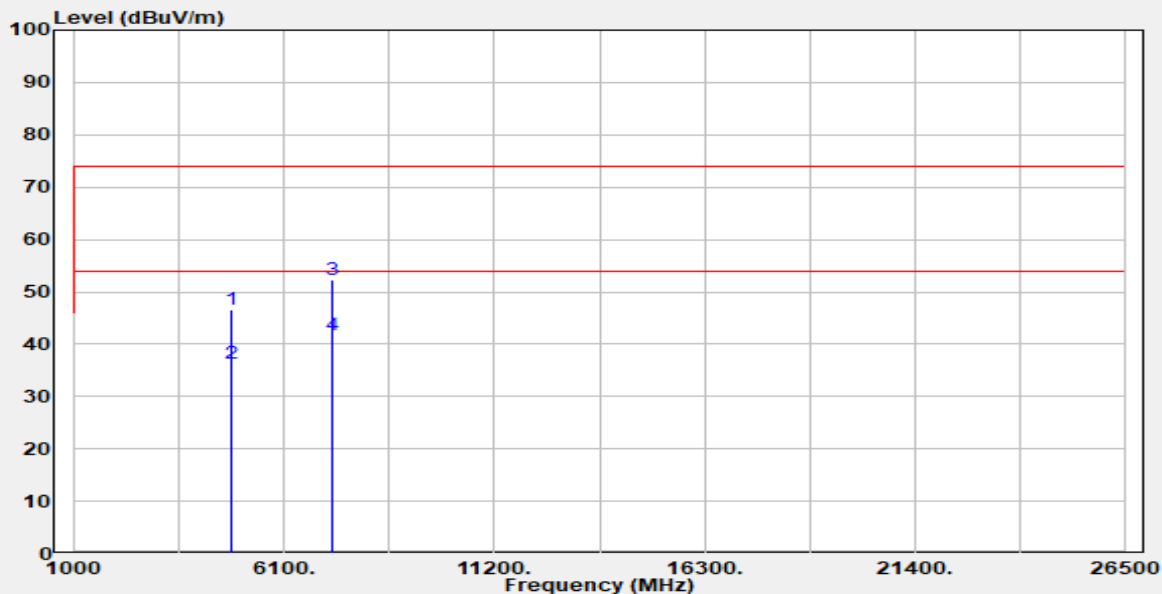
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Report Number :TERF2501000169E2
Operation Mode :802.11b
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Horizontal
Engineer :Temo Chen



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
4824.00	Peak	37.19	9.48	46.67	74.00	-27.33
4824.00	Average	26.96	9.48	36.44	54.00	-17.56
7236.00	Peak	35.19	16.98	52.17	74.00	-21.83
7236.00	Average	24.88	16.98	41.86	54.00	-12.14

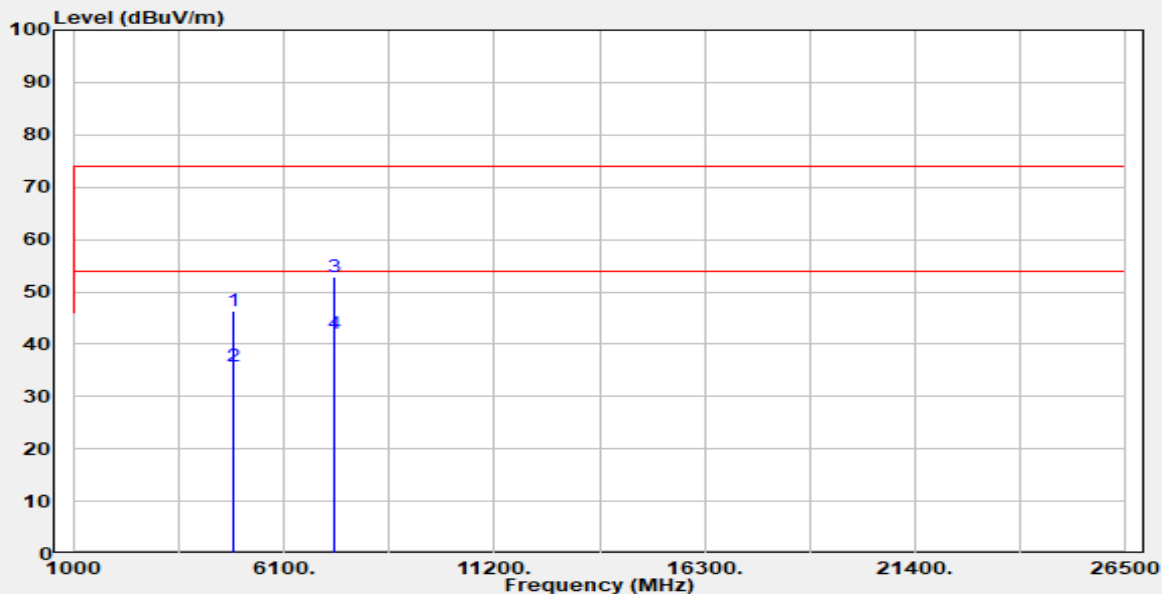
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Report Number :TERF2501000169E2
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Peak	36.85	9.53	46.38	74.00	-27.62
4874.00	Average	26.37	9.53	35.90	54.00	-18.10
7311.00	Peak	35.49	17.45	52.94	74.00	-21.06
7311.00	Average	24.44	17.45	41.89	54.00	-12.11

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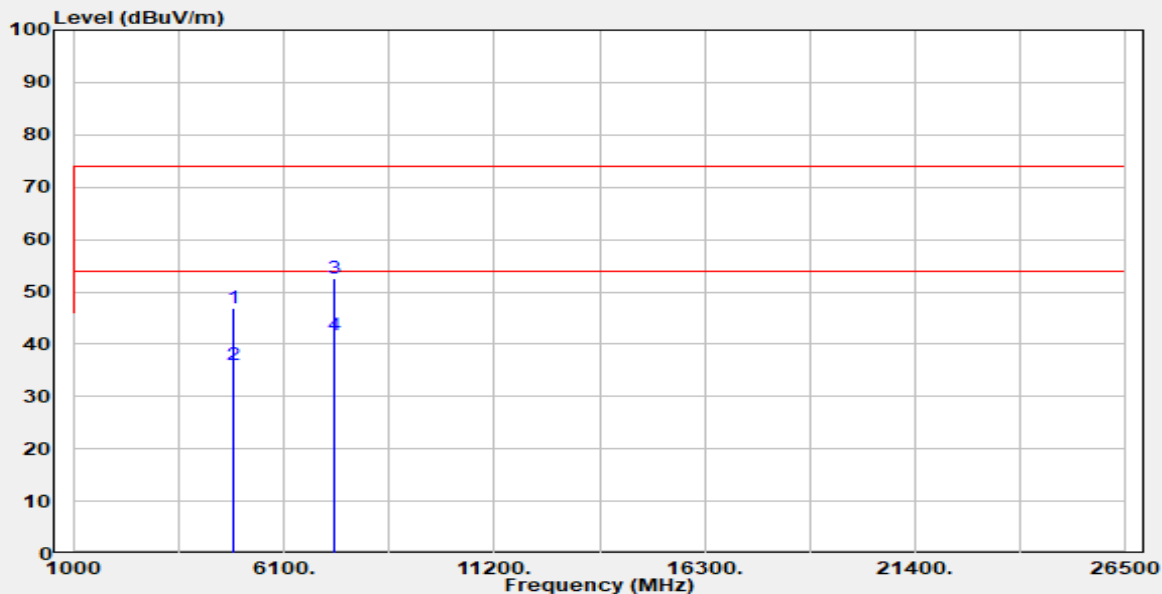
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Report Number :TERF2501000169E2
Operation Mode :802.11b
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Horizontal
Engineer :Temo Chen



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
4874.00	Peak	37.28	9.53	46.81	74.00	-27.19
4874.00	Average	26.46	9.53	35.99	54.00	-18.01
7311.00	Peak	35.24	17.45	52.69	74.00	-21.31
7311.00	Average	24.42	17.45	41.87	54.00	-12.13

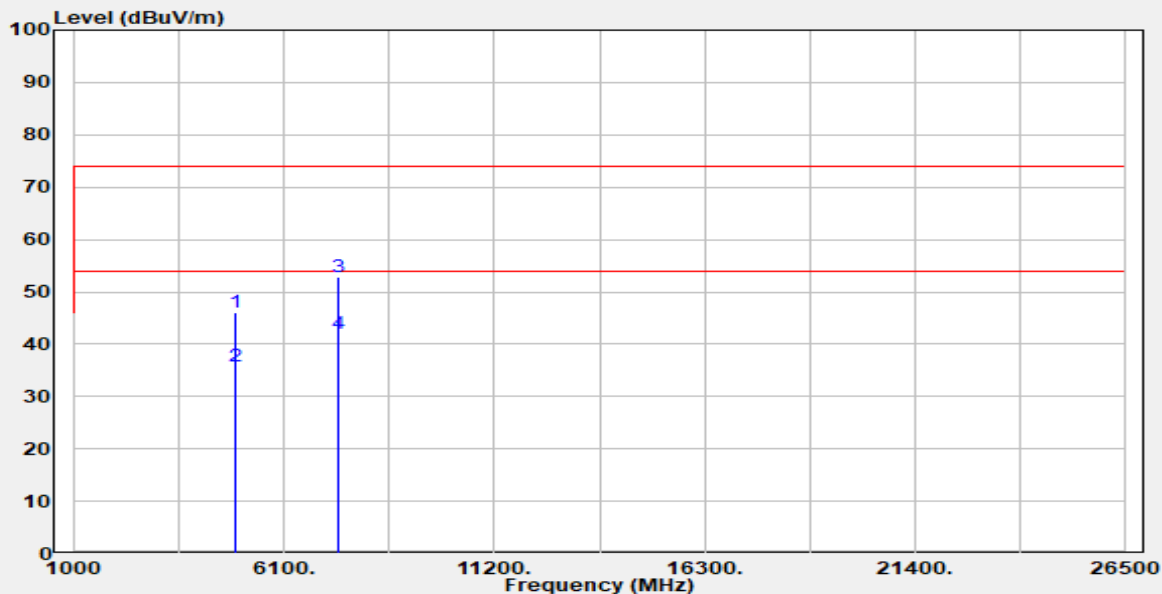
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Report Number :TERF2501000169E2
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



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
4924.00	Peak	36.46	9.72	46.18	74.00	-27.82
4924.00	Average	26.03	9.72	35.75	54.00	-18.25
7386.00	Peak	35.33	17.54	52.87	74.00	-21.13
7386.00	Average	24.44	17.54	41.98	54.00	-12.02

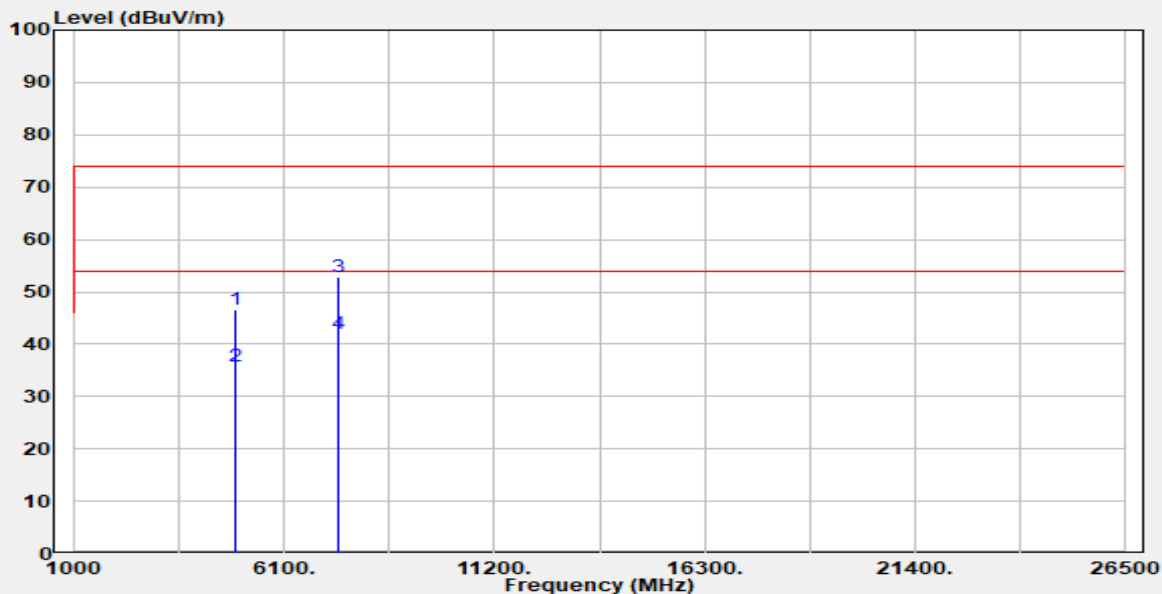
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Report Number :TERF2501000169E2
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



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
4924.00	Peak	36.95	9.72	46.67	74.00	-27.33
4924.00	Average	26.12	9.72	35.84	54.00	-18.16
7386.00	Peak	35.33	17.54	52.87	74.00	-21.13
7386.00	Average	24.52	17.54	42.06	54.00	-11.94

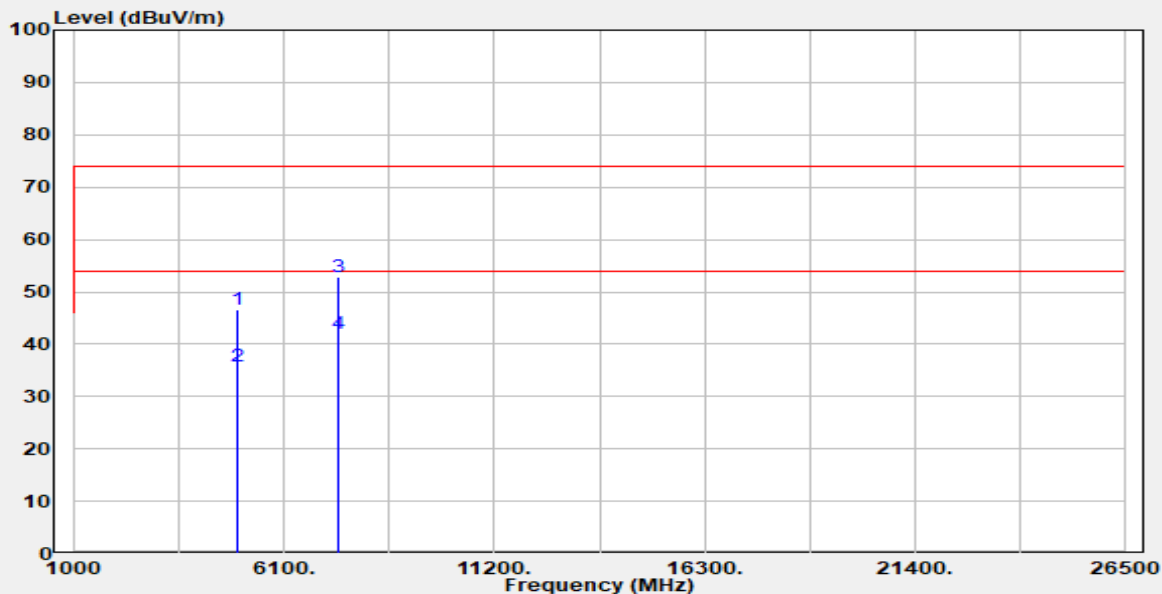
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Report Number :TERF2501000169E2
 Operation Mode :802.11b
 Test Frequency :2467 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



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
4934.00	Peak	36.94	9.77	46.71	74.00	-27.29
4934.00	Average	26.06	9.77	35.83	54.00	-18.17
7401.00	Peak	35.36	17.59	52.95	74.00	-21.05
7401.00	Average	24.44	17.59	42.03	54.00	-11.97

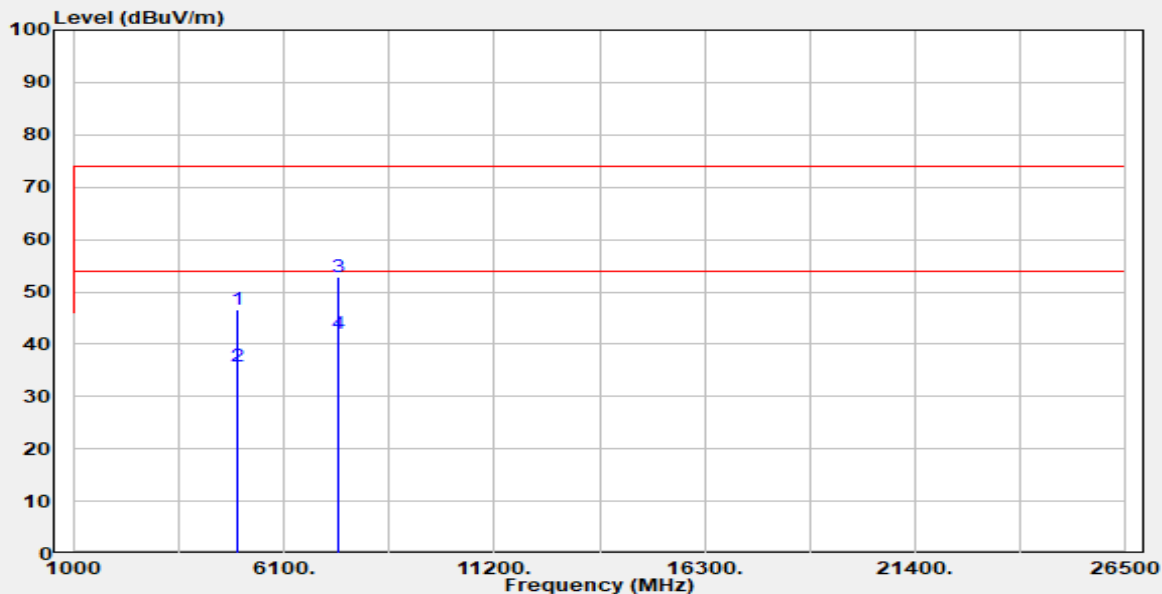
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Report Number :TERF2501000169E2
 Operation Mode :802.11b
 Test Frequency :2467 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4934.00	Peak	36.88	9.77	46.65	74.00	-27.35
4934.00	Average	26.09	9.77	35.86	54.00	-18.14
7401.00	Peak	35.28	17.59	52.87	74.00	-21.13
7401.00	Average	24.51	17.59	42.10	54.00	-11.90

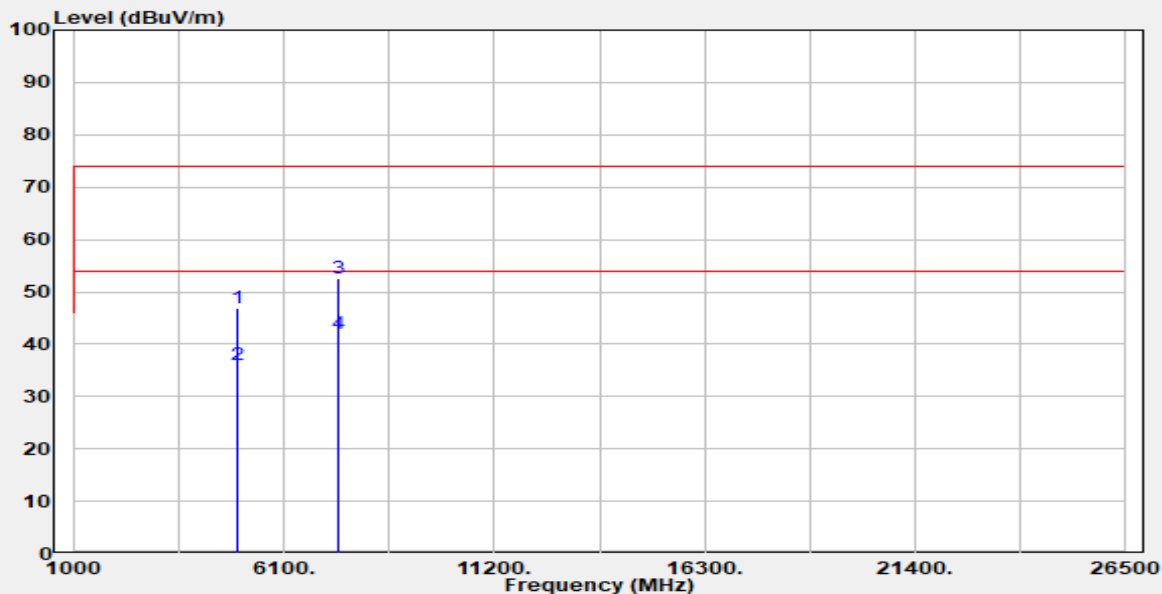
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Report Number :TERF2501000169E2
 Operation Mode :802.11b
 Test Frequency :2472 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



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
4944.00	Peak	37.19	9.83	47.02	74.00	-26.98
4944.00	Average	26.28	9.83	36.11	54.00	-17.89
7416.00	Peak	34.81	17.64	52.45	74.00	-21.55
7416.00	Average	24.24	17.64	41.88	54.00	-12.12

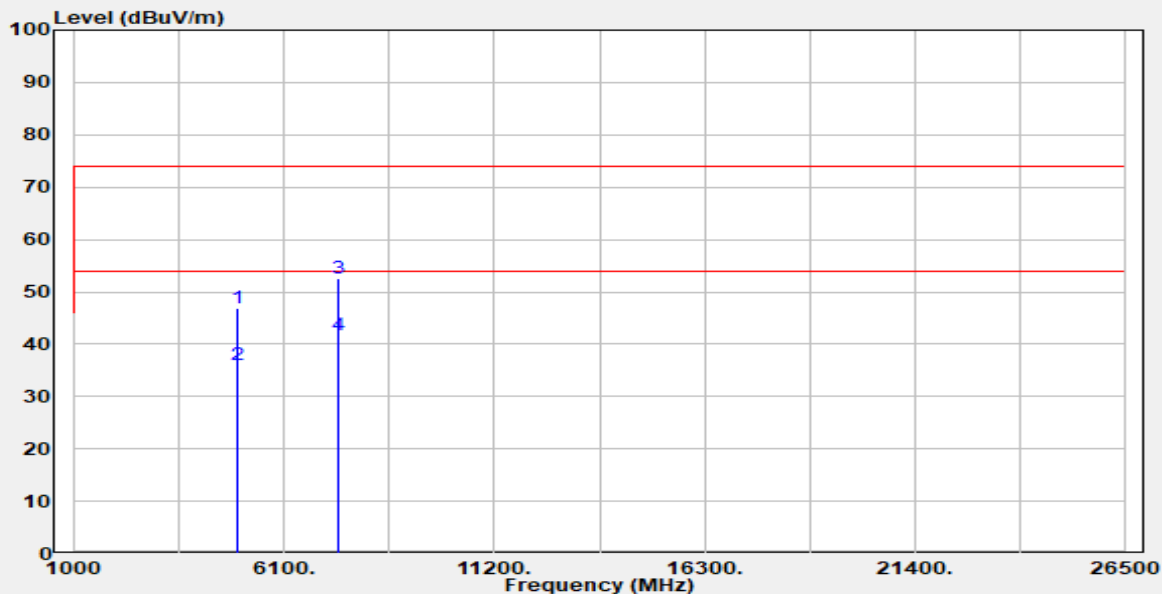
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Report Number :TERF2501000169E2
Operation Mode :802.11b
Test Frequency :2472 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4944.00	Peak	36.98	9.83	46.81	74.00	-27.19
4944.00	Average	26.16	9.83	35.99	54.00	-18.01
7416.00	Peak	34.82	17.64	52.46	74.00	-21.54
7416.00	Average	24.23	17.64	41.87	54.00	-12.13

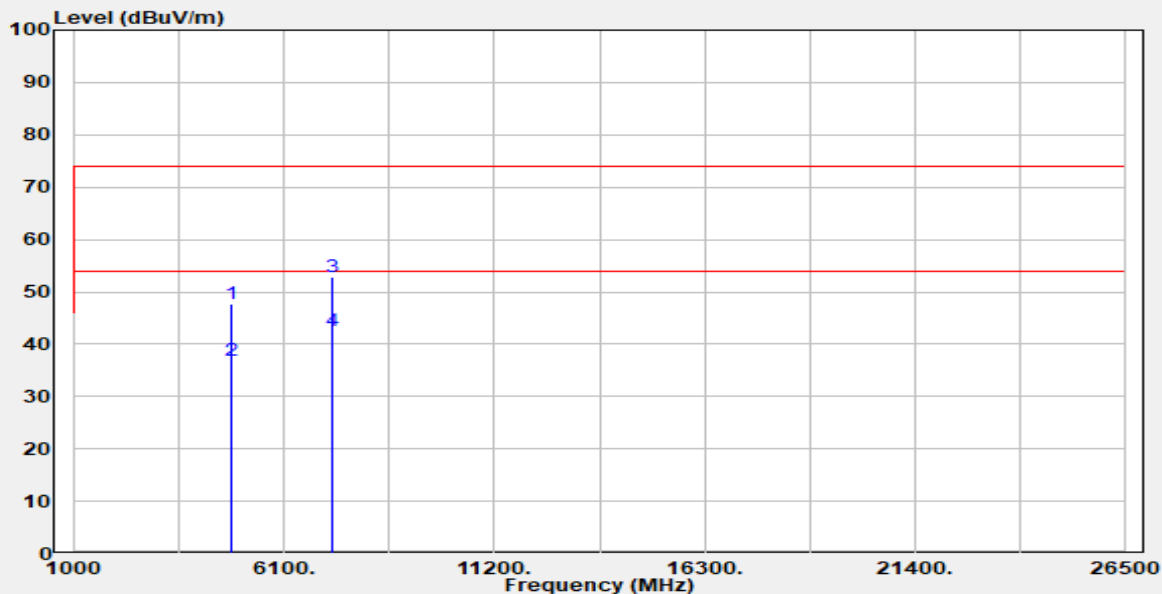
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Report Number :TERF2501000169E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Vertical
Engineer :Temo Chen



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
4824.00	Peak	38.14	9.48	47.62	74.00	-26.38
4824.00	Average	27.43	9.48	36.91	54.00	-17.09
7236.00	Peak	35.83	16.98	52.81	74.00	-21.19
7236.00	Average	25.47	16.98	42.45	54.00	-11.55

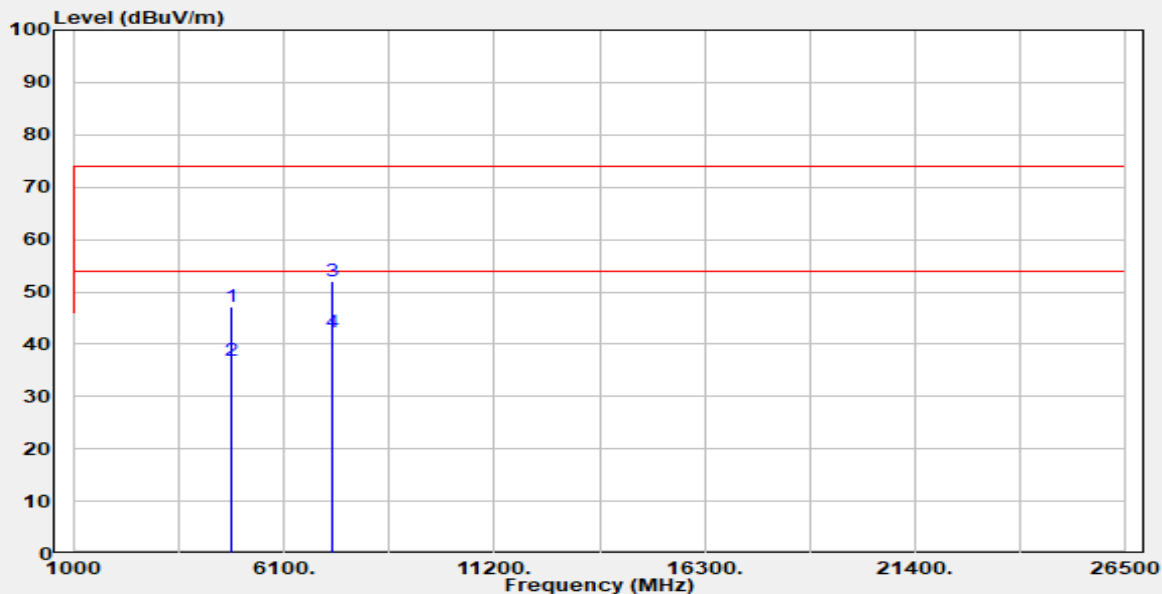
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Report Number :TERF2501000169E2
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



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
4824.00	Peak	37.79	9.48	47.27	74.00	-26.73
4824.00	Average	27.28	9.48	36.76	54.00	-17.24
7236.00	Peak	35.11	16.98	52.09	74.00	-21.91
7236.00	Average	25.41	16.98	42.39	54.00	-11.61

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

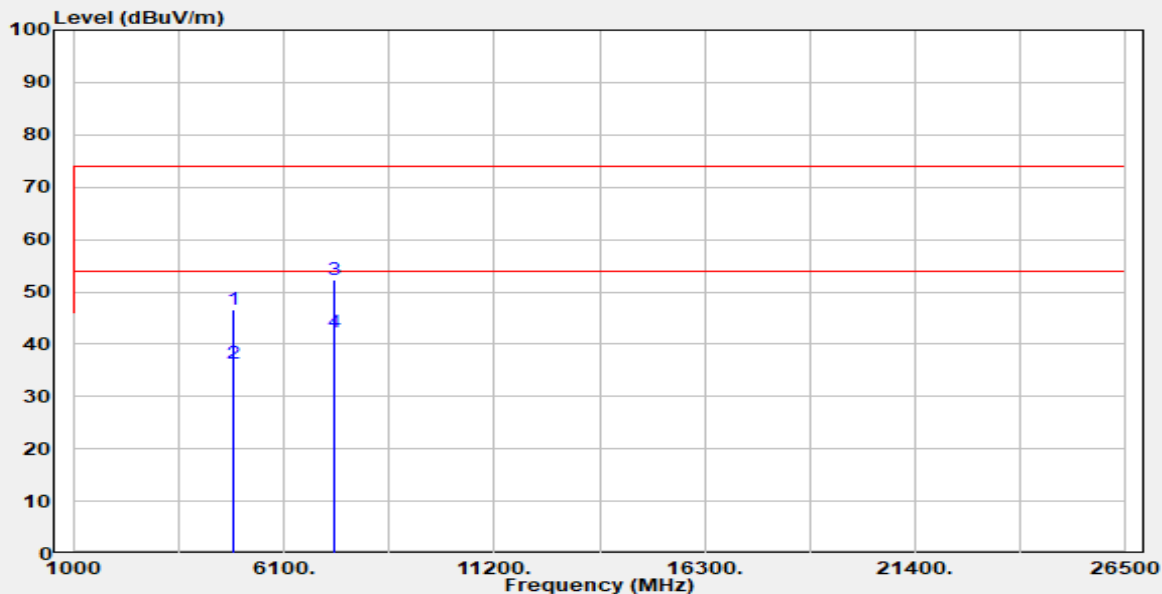
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2501000169E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Vertical
Engineer :Temo Chen



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
4874.00	Peak	37.12	9.53	46.65	74.00	-27.35
4874.00	Average	26.91	9.53	36.44	54.00	-17.56
7311.00	Peak	34.97	17.45	52.42	74.00	-21.58
7311.00	Average	24.79	17.45	42.24	54.00	-11.76

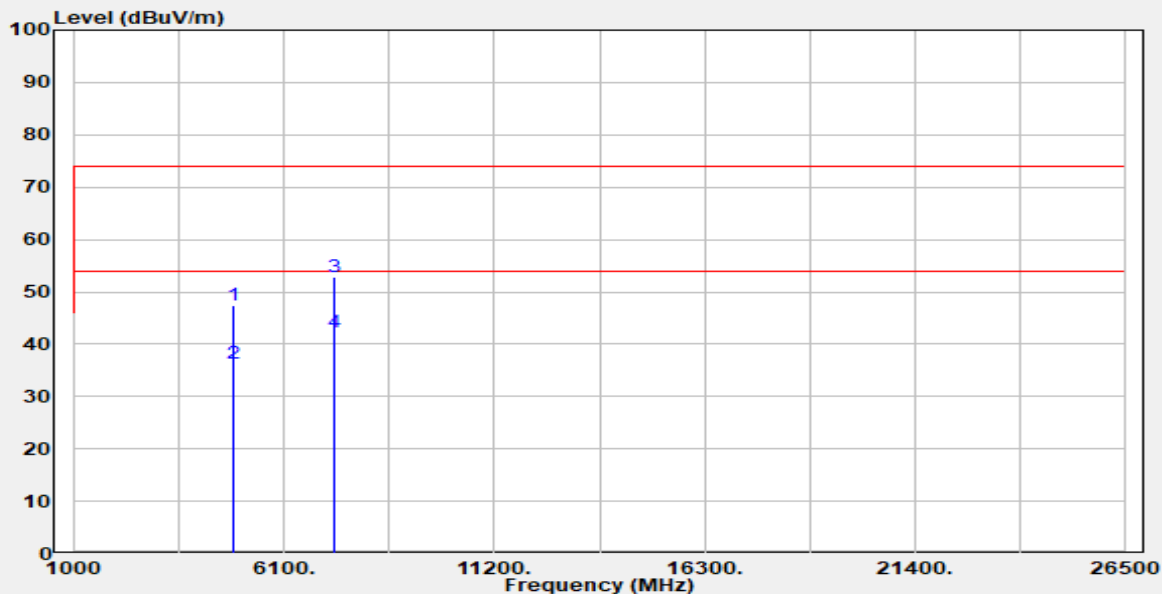
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Report Number :TERF2501000169E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



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
4874.00	Peak	37.85	9.53	47.38	74.00	-26.62
4874.00	Average	26.73	9.53	36.26	54.00	-17.74
7311.00	Peak	35.48	17.45	52.93	74.00	-21.07
7311.00	Average	24.72	17.45	42.17	54.00	-11.83

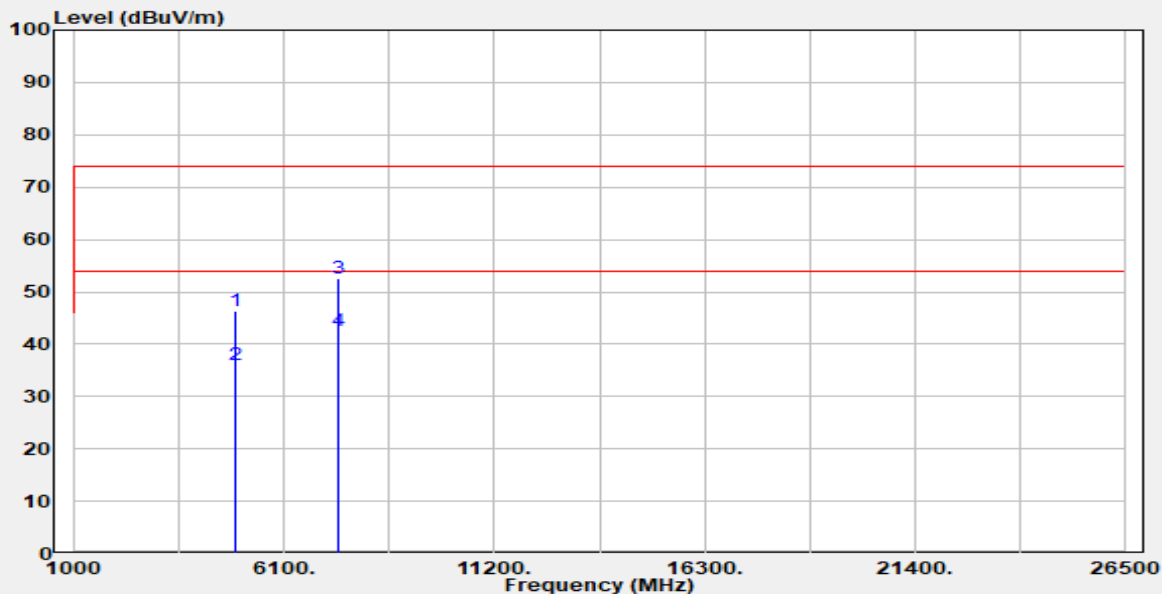
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Report Number :TERF2501000169E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Peak	36.74	9.72	46.46	74.00	-27.54
4924.00	Average	26.39	9.72	36.11	54.00	-17.89
7386.00	Peak	35.00	17.54	52.54	74.00	-21.46
7386.00	Average	24.99	17.54	42.53	54.00	-11.47

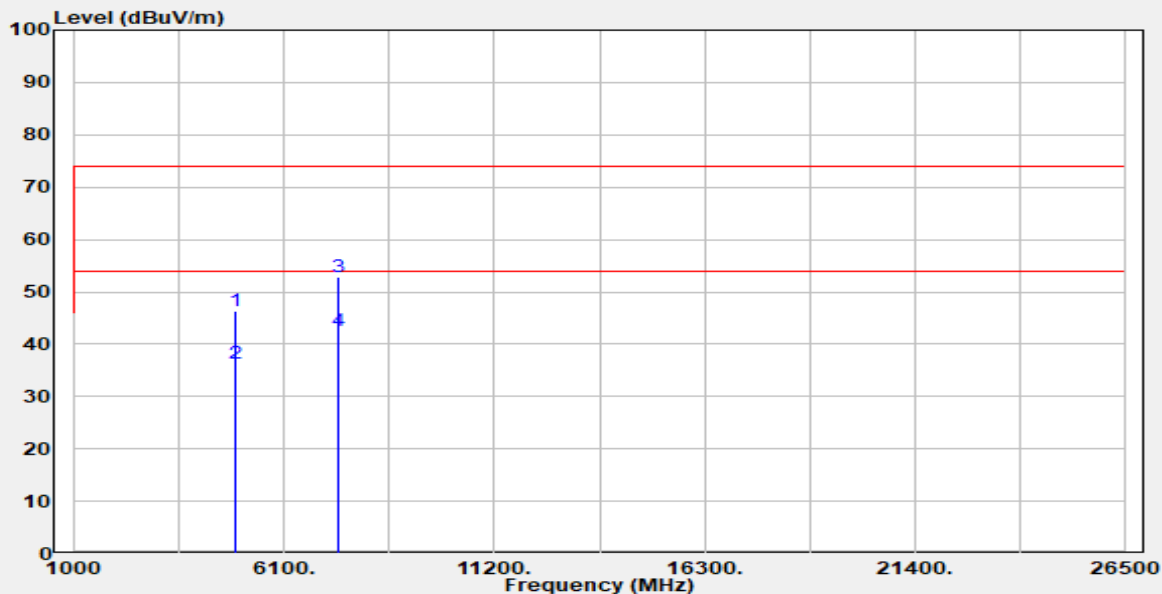
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Report Number :TERF2501000169E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Horizontal
Engineer :Temo Chen



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
4924.00	Peak	36.72	9.72	46.44	74.00	-27.56
4924.00	Average	26.50	9.72	36.22	54.00	-17.78
7386.00	Peak	35.19	17.54	52.73	74.00	-21.27
7386.00	Average	25.09	17.54	42.63	54.00	-11.37

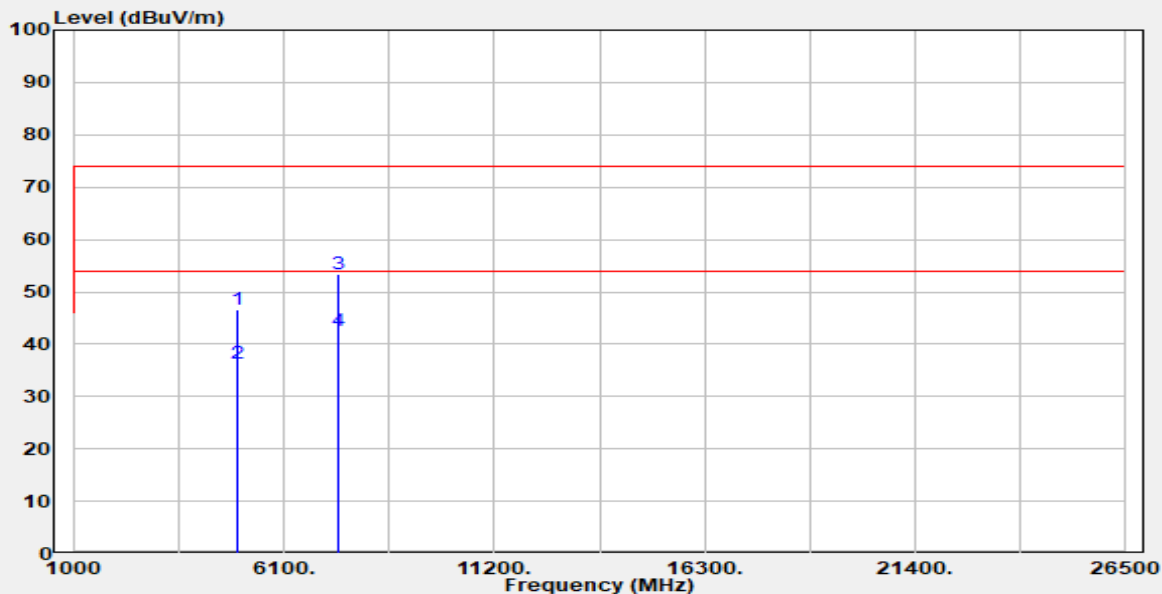
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Report Number :TERF2501000169E2
Operation Mode :802.11g
Test Frequency :2467 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Vertical
Engineer :Temo Chen



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
4934.00	Peak	36.76	9.77	46.53	74.00	-27.47
4934.00	Average	26.52	9.77	36.29	54.00	-17.71
7401.00	Peak	35.67	17.59	53.26	74.00	-20.74
7401.00	Average	24.89	17.59	42.48	54.00	-11.52

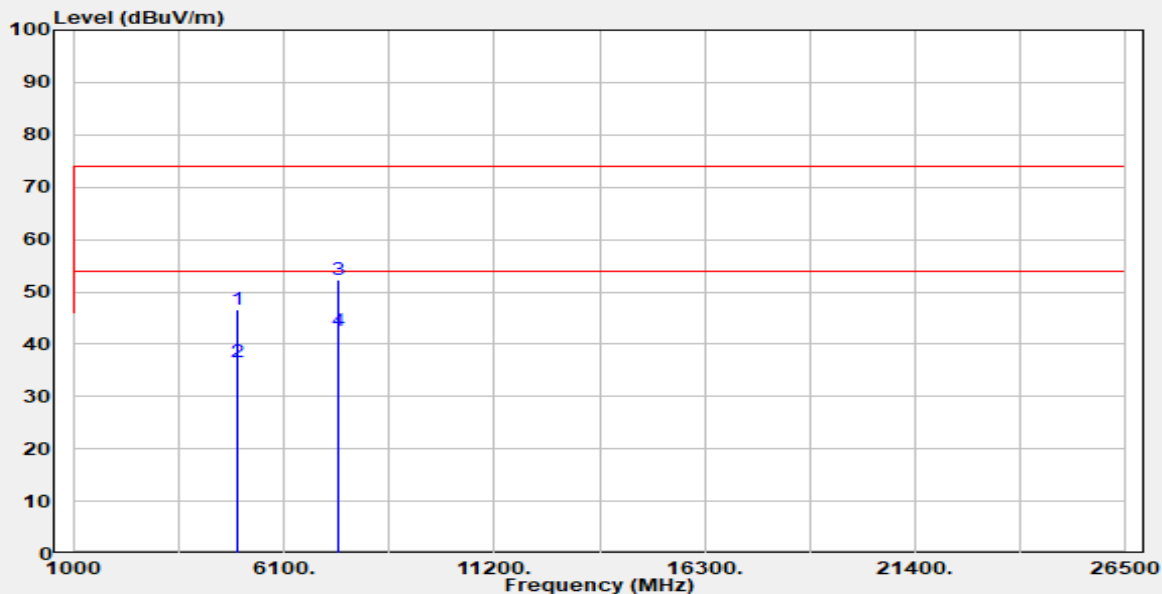
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Report Number :TERF2501000169E2
 Operation Mode :802.11g
 Test Frequency :2467 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



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
4934.00	Peak	36.81	9.77	46.58	74.00	-27.42
4934.00	Average	26.83	9.77	36.60	54.00	-17.40
7401.00	Peak	34.85	17.59	52.44	74.00	-21.56
7401.00	Average	24.85	17.59	42.44	54.00	-11.56

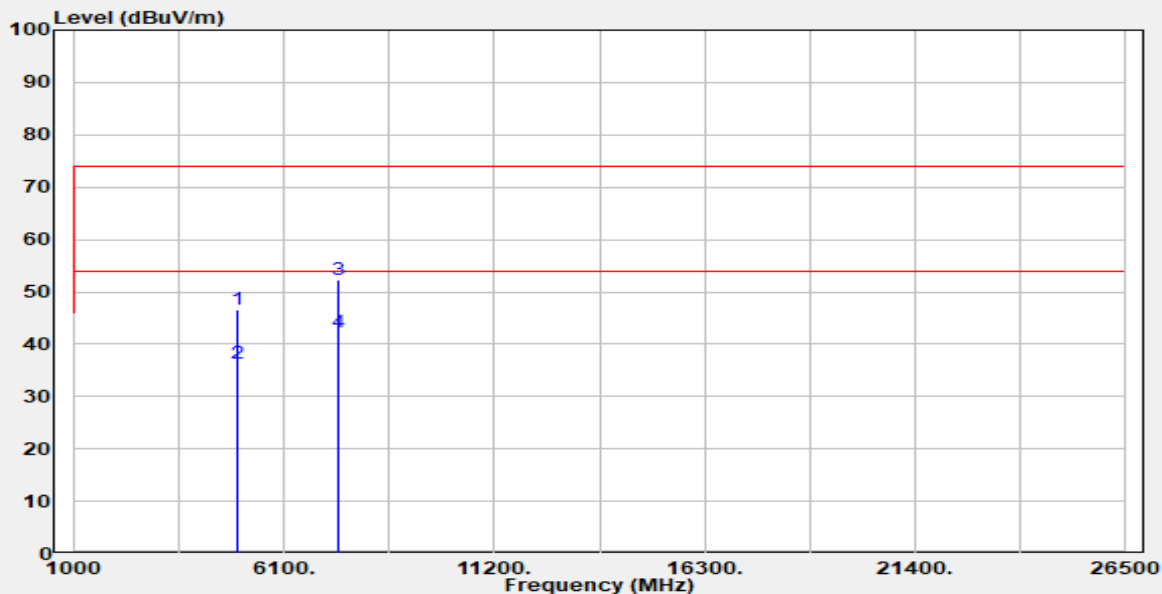
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Report Number :TERF2501000169E2
 Operation Mode :802.11g
 Test Frequency :2472 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4944.00	Peak	36.83	9.83	46.66	74.00	-27.34
4944.00	Average	26.50	9.83	36.33	54.00	-17.67
7416.00	Peak	34.53	17.64	52.17	74.00	-21.83
7416.00	Average	24.55	17.64	42.19	54.00	-11.81

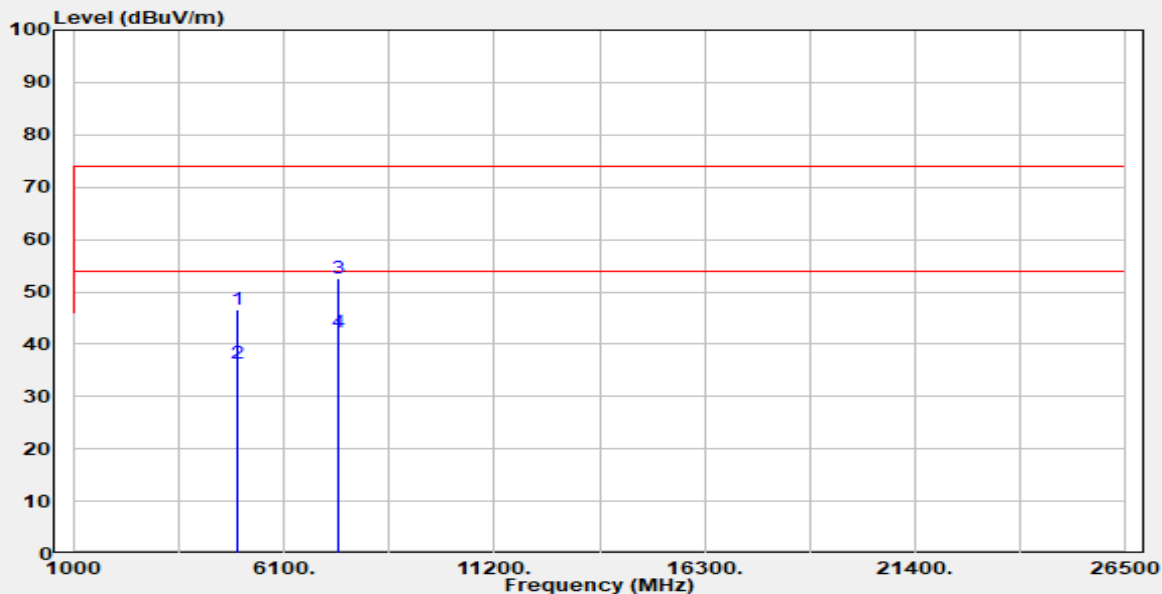
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Report Number :TERF2501000169E2
 Operation Mode :802.11g
 Test Frequency :2472 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4944.00	Peak	36.69	9.83	46.52	74.00	-27.48
4944.00	Average	26.59	9.83	36.42	54.00	-17.58
7416.00	Peak	34.90	17.64	52.54	74.00	-21.46
7416.00	Average	24.76	17.64	42.40	54.00	-11.60

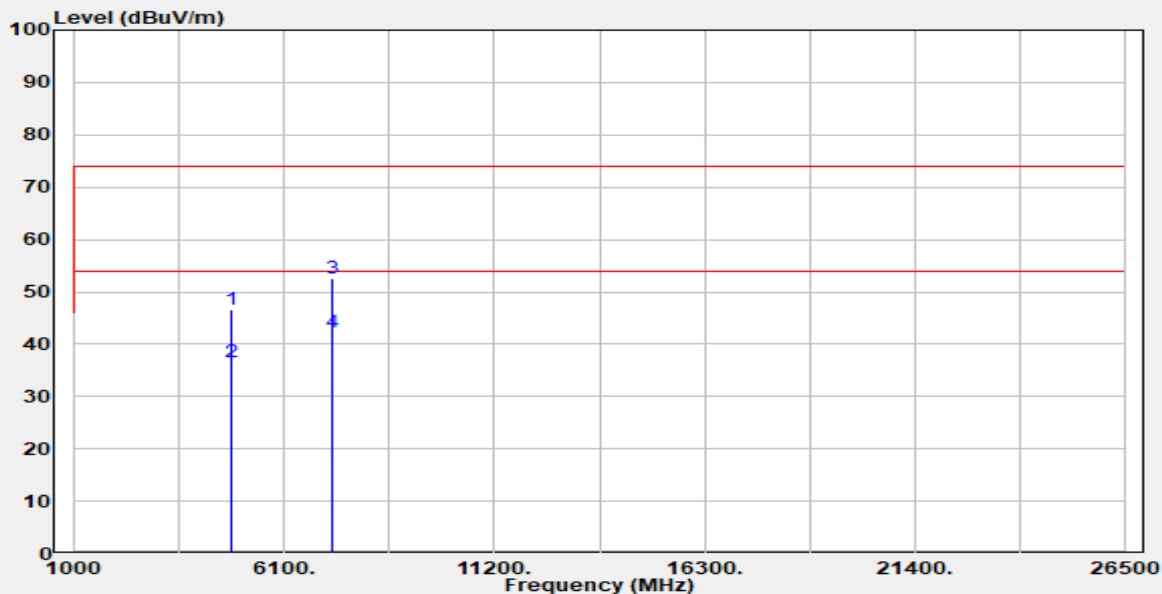
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Report Number :TERF2501000169E2
Operation Mode :802.11n20
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Peak	37.05	9.48	46.53	74.00	-27.47
4824.00	Average	27.21	9.48	36.69	54.00	-17.31
7236.00	Peak	35.64	16.98	52.62	74.00	-21.38
7236.00	Average	25.36	16.98	42.34	54.00	-11.66

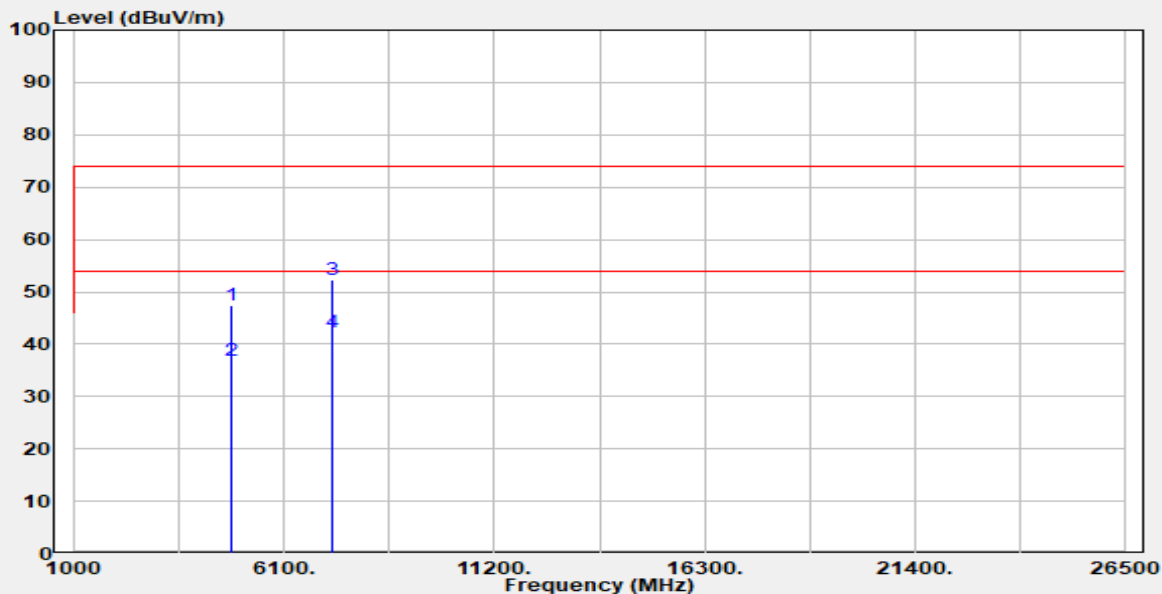
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Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Peak	37.87	9.48	47.35	74.00	-26.65
4824.00	Average	27.44	9.48	36.92	54.00	-17.08
7236.00	Peak	35.32	16.98	52.30	74.00	-21.70
7236.00	Average	25.31	16.98	42.29	54.00	-11.71

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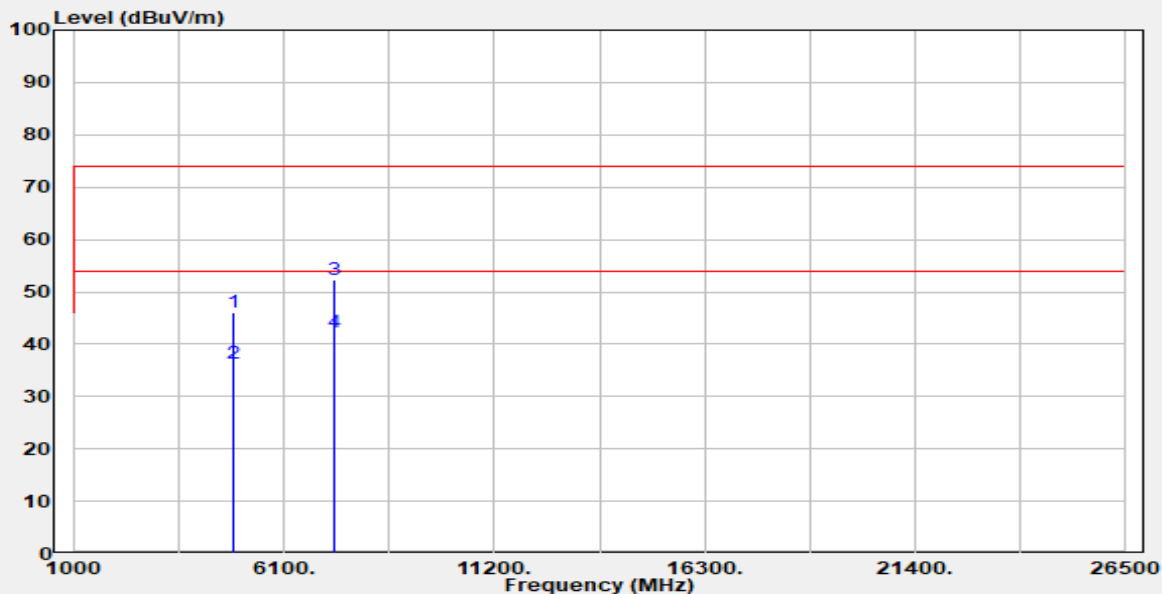
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Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



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
4874.00	Peak	36.56	9.53	46.09	74.00	-27.91
4874.00	Average	26.77	9.53	36.30	54.00	-17.70
7311.00	Peak	34.85	17.45	52.30	74.00	-21.70
7311.00	Average	24.83	17.45	42.28	54.00	-11.72

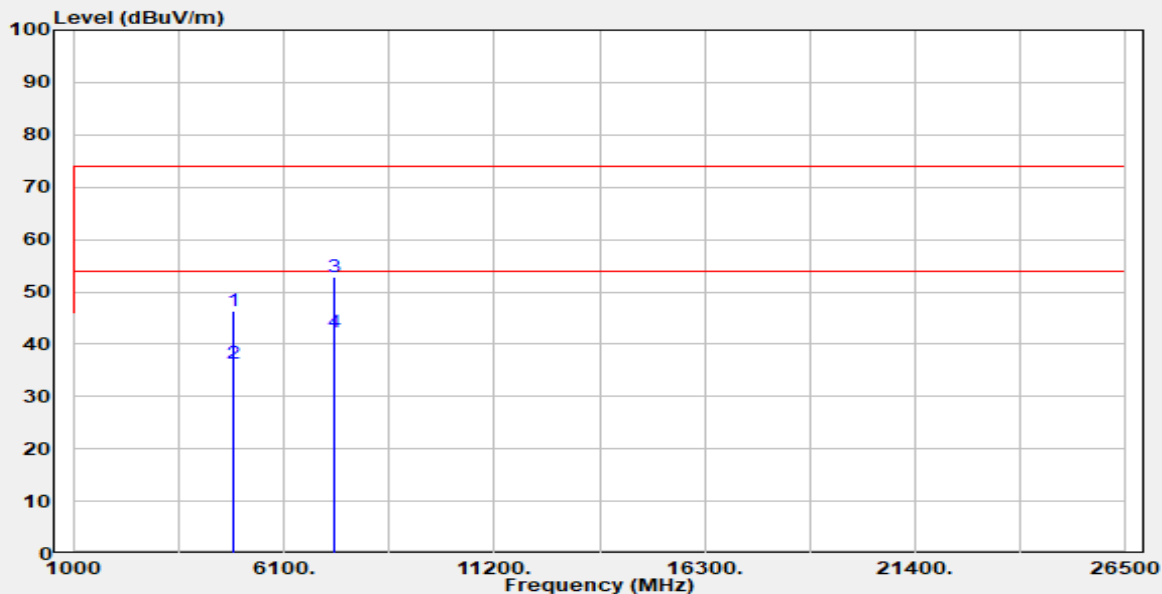
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Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Peak	36.74	9.53	46.27	74.00	-27.73
4874.00	Average	26.76	9.53	36.29	54.00	-17.71
7311.00	Peak	35.29	17.45	52.74	74.00	-21.26
7311.00	Average	24.91	17.45	42.36	54.00	-11.64

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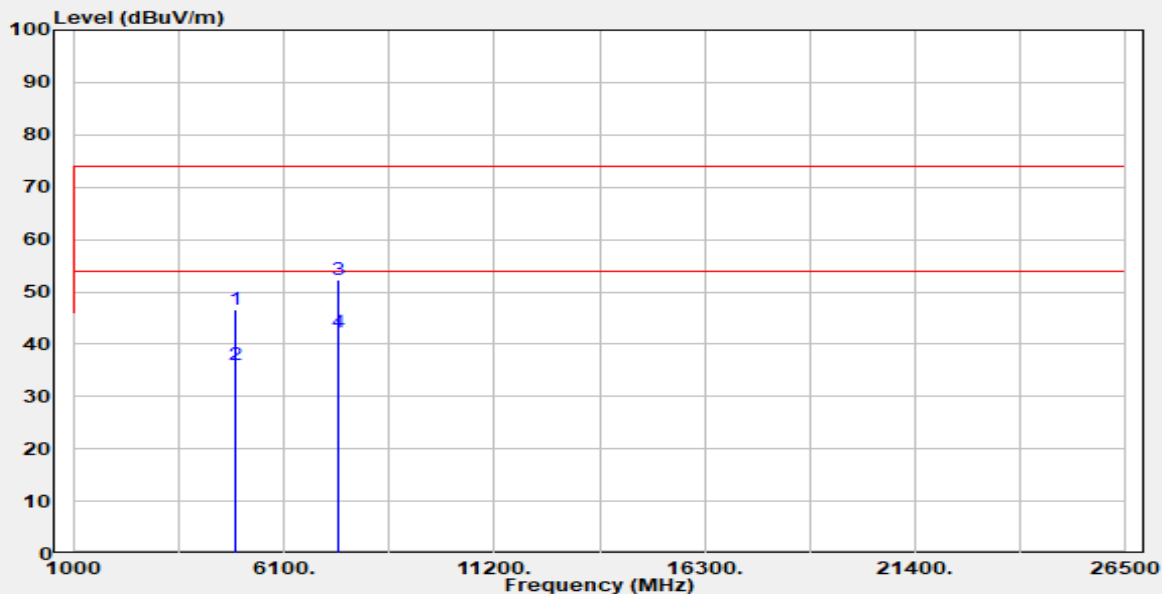
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Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



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
4924.00	Peak	36.90	9.72	46.62	74.00	-27.38
4924.00	Average	26.45	9.72	36.17	54.00	-17.83
7386.00	Peak	34.88	17.54	52.42	74.00	-21.58
7386.00	Average	24.78	17.54	42.32	54.00	-11.68

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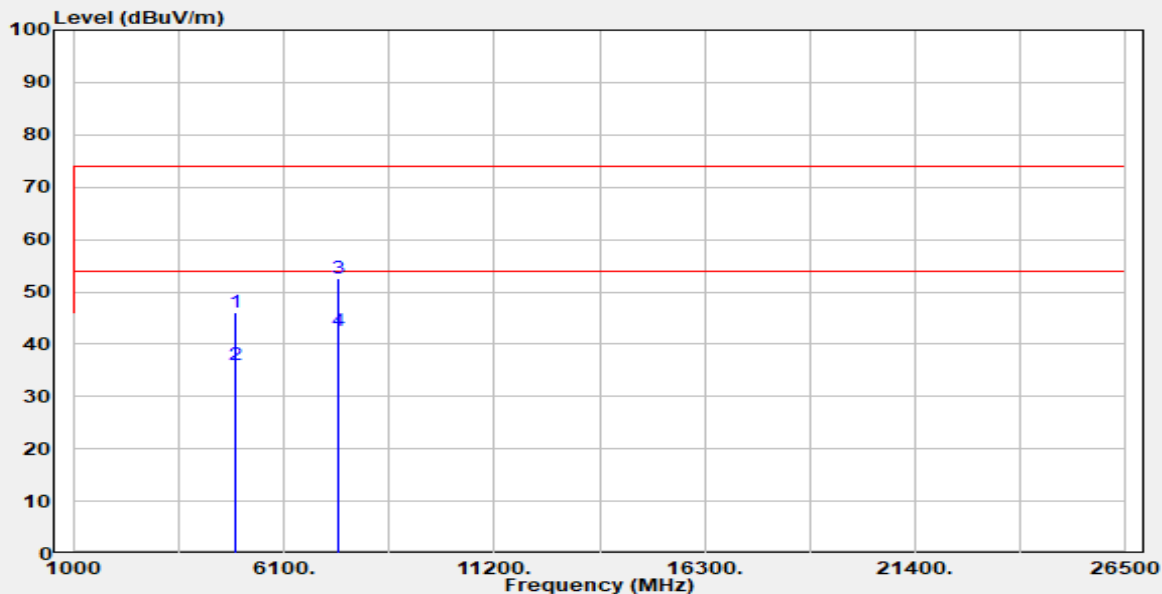
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Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4924.00	Peak	36.31	9.72	46.03	74.00	-27.97
4924.00	Average	26.46	9.72	36.18	54.00	-17.82
7386.00	Peak	35.11	17.54	52.65	74.00	-21.35
7386.00	Average	24.91	17.54	42.45	54.00	-11.55

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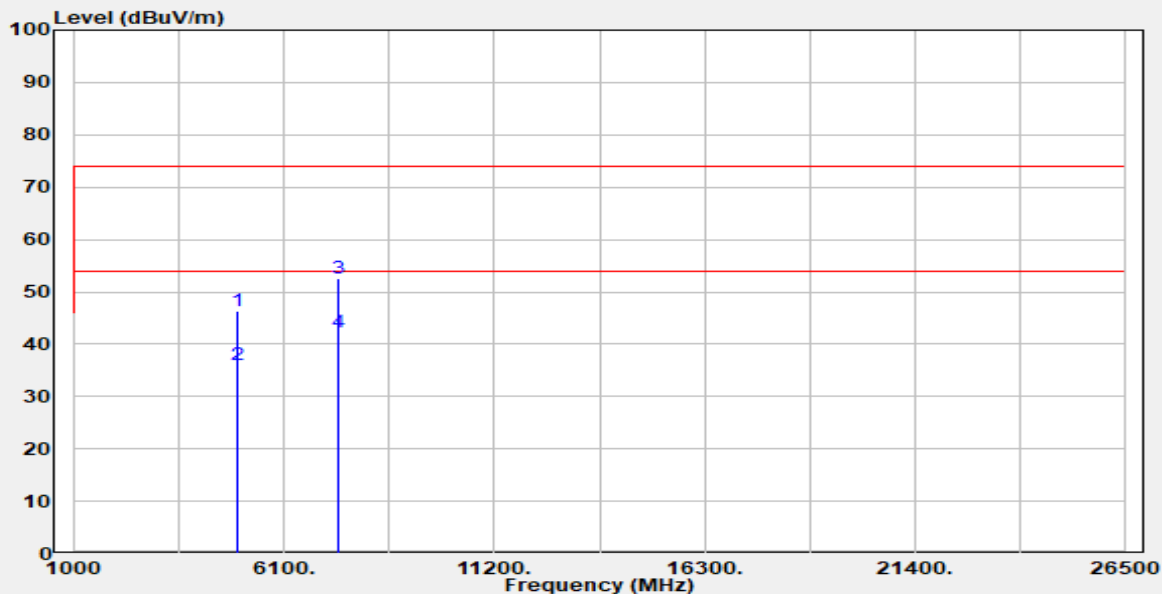
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Member of SGS Group

Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2467 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



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
4934.00	Peak	36.58	9.77	46.35	74.00	-27.65
4934.00	Average	26.37	9.77	36.14	54.00	-17.86
7401.00	Peak	34.93	17.59	52.52	74.00	-21.48
7401.00	Average	24.82	17.59	42.41	54.00	-11.59

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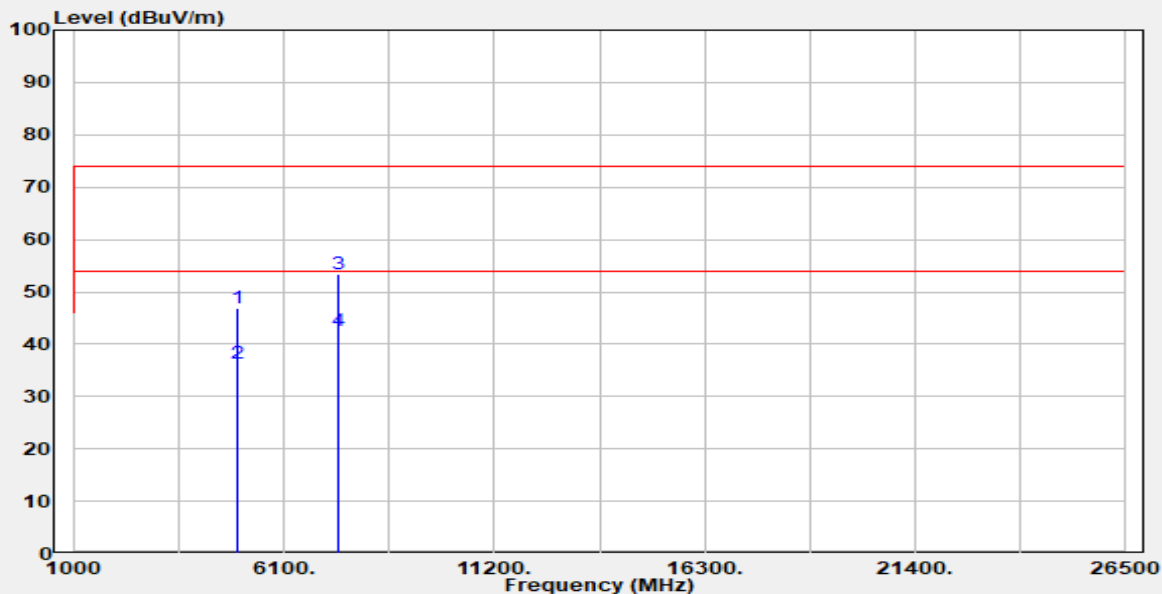
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Member of SGS Group

Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2467 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4934.00	Peak	37.08	9.77	46.85	74.00	-27.15
4934.00	Average	26.45	9.77	36.22	54.00	-17.78
7401.00	Peak	35.89	17.59	53.48	74.00	-20.52
7401.00	Average	24.85	17.59	42.44	54.00	-11.56

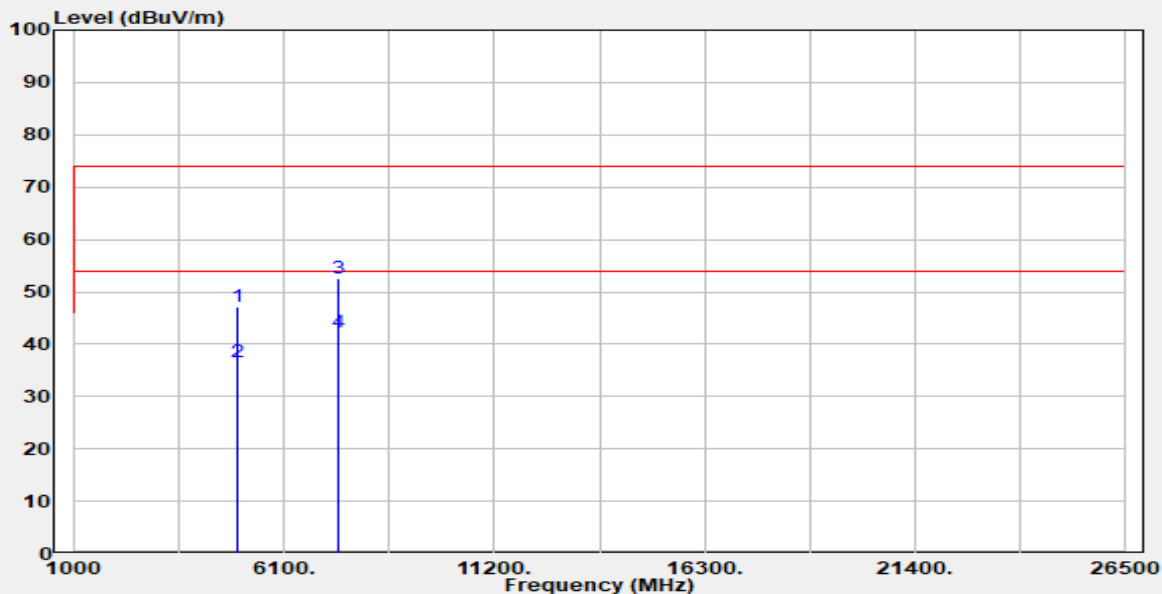
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Report Number :TERF2501000169E2
 Operation Mode :802.11n20
 Test Frequency :2472 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-02-04
 Temp./Humi. :19.8°C/56%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4944.00	Peak	37.26	9.83	47.09	74.00	-26.91
4944.00	Average	26.63	9.83	36.46	54.00	-17.54
7416.00	Peak	34.96	17.64	52.60	74.00	-21.40
7416.00	Average	24.59	17.64	42.23	54.00	-11.77

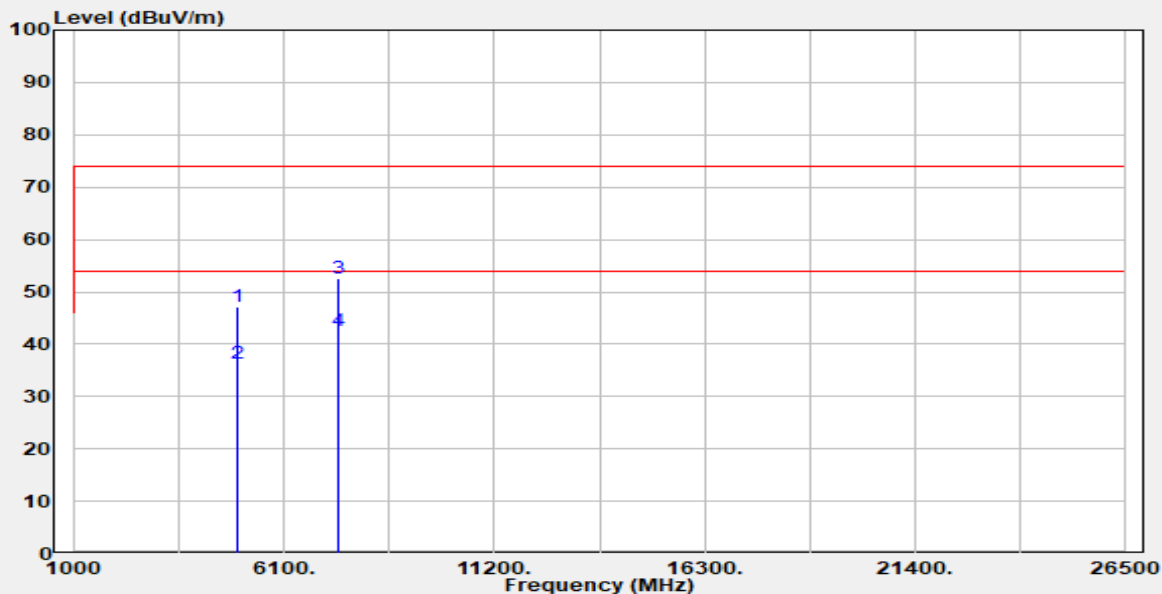
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Report Number :TERF2501000169E2
Operation Mode :802.11n20
Test Frequency :2472 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-02-04
Temp./Humi. :19.8°C/56%
Antenna Pol. :Horizontal
Engineer :Temo Chen



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
4944.00	Peak	37.27	9.83	47.10	74.00	-26.90
4944.00	Average	26.54	9.83	36.37	54.00	-17.63
7416.00	Peak	35.07	17.64	52.71	74.00	-21.29
7416.00	Average	24.79	17.64	42.43	54.00	-11.57

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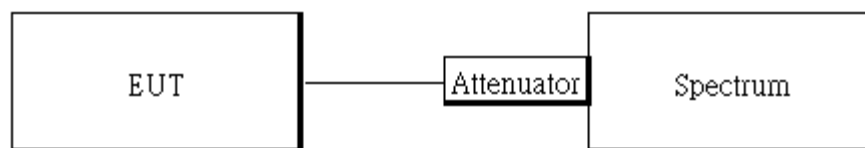
12 POWER SPECTRAL DENSITY

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.

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.

Note:

1. When the antenna gain is greater than 6 dBi, the power spectral density limit attenuated accordingly.

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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	-0.37	-0.37	8.00	PASS
2437	-0.17	-0.17	8.00	PASS
2462	-1.4	-1.40	8.00	PASS
2467	-9.21	-9.21	8.00	PASS
2472	-12.86	-12.86	8.00	PASS

POWER DENSITY 802.11g				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-9.31	-9.31	8.00	PASS
2437	-2.95	-2.95	8.00	PASS
2462	-9.73	-9.73	8.00	PASS
2467	-16.48	-16.48	8.00	PASS
2472	-19.26	-19.26	8.00	PASS

POWER DENSITY 802.11n HT20				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-11.08	-11.08	8.00	PASS
2437	-2.06	-2.06	8.00	PASS
2462	-8.51	-8.51	8.00	PASS
2467	-15.24	-15.24	8.00	PASS
2472	-17.83	-17.83	8.00	PASS

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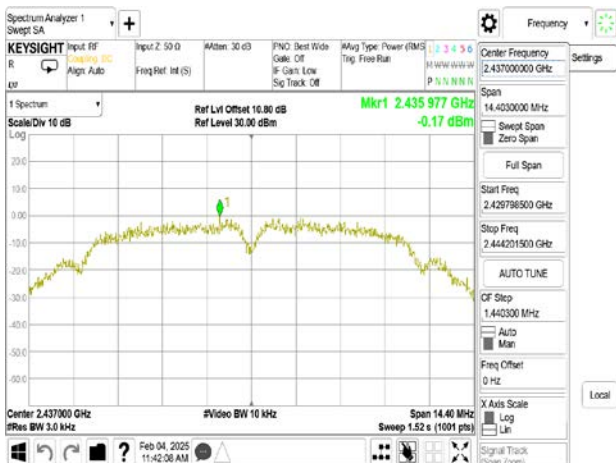
802.11b_20MHz_Chain0_2412MHz



802.11b_20MHz_Chain0_2467MHz



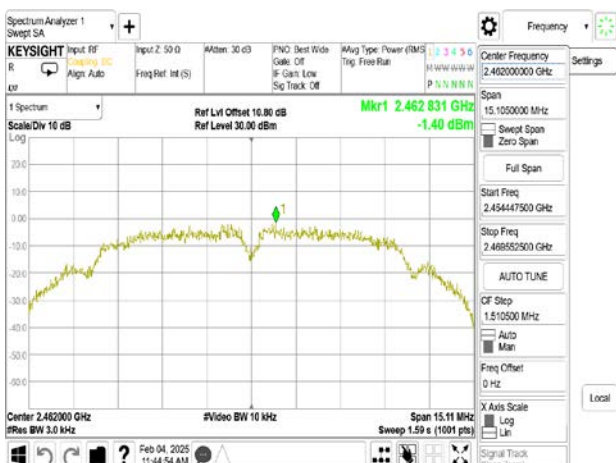
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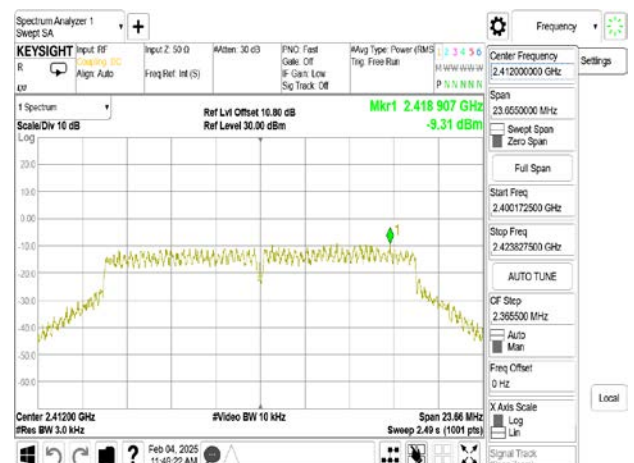
802.11b_20MHz_Chain0_2472MHz



802.11b_20MHz_Chain0_2462MHz



802.11g_20MHz_Chain0_2412MHz



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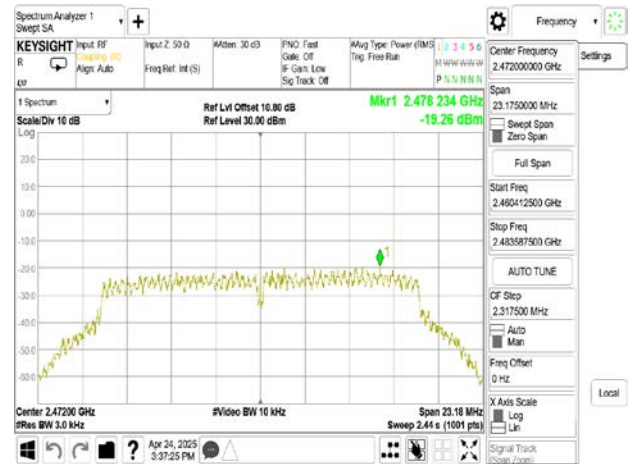
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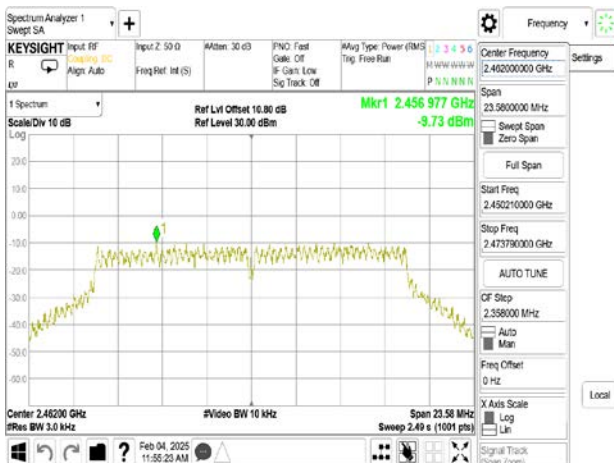
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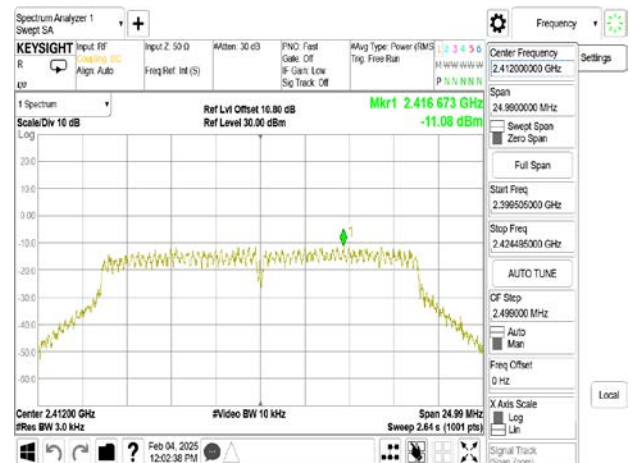
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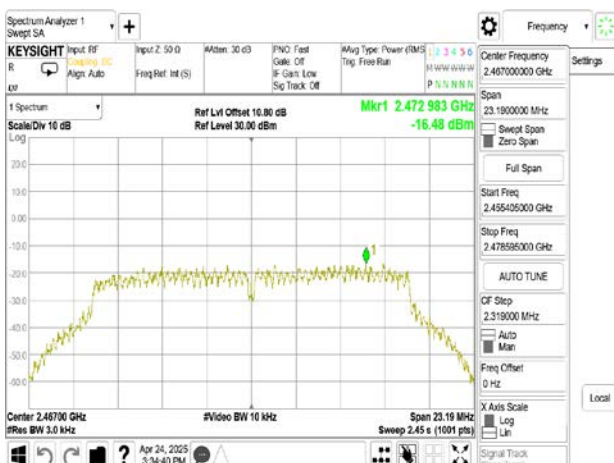
802.11g_20MHz_Chain0_2462MHz



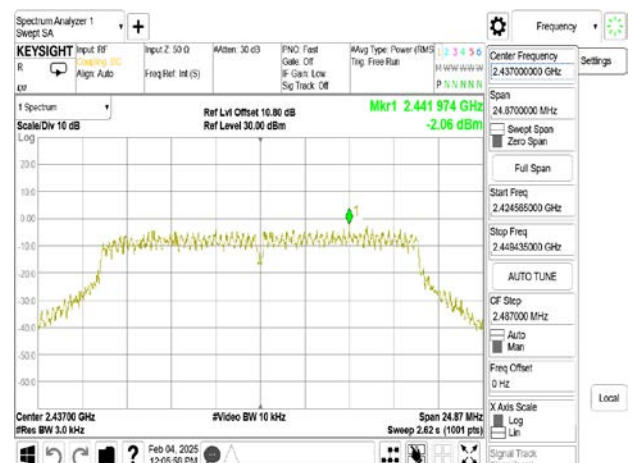
802.11n_20MHz_Chain0_2412MHz



802.11g_20MHz_Chain0_2467MHz



802.11n_20MHz_Chain0_2437MHz

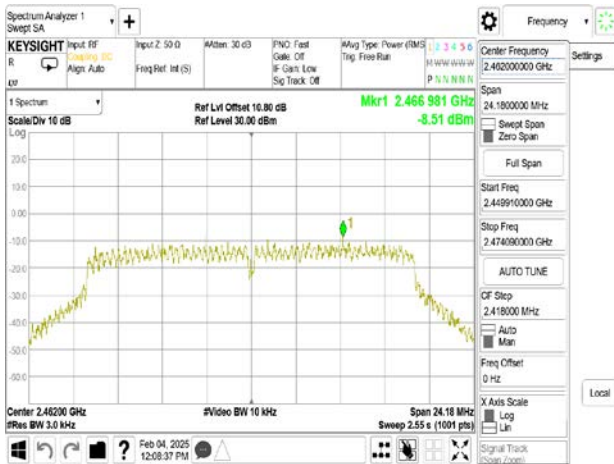


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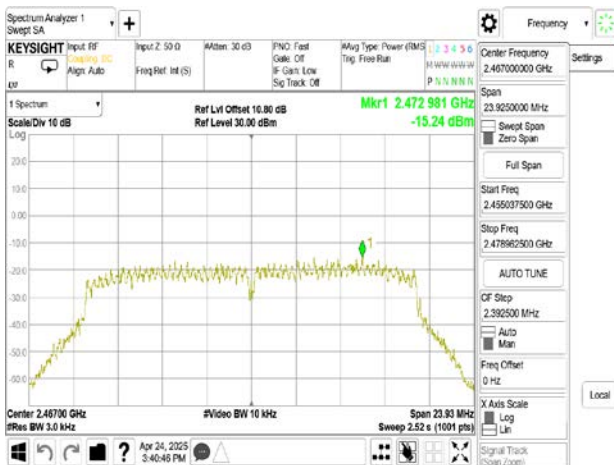
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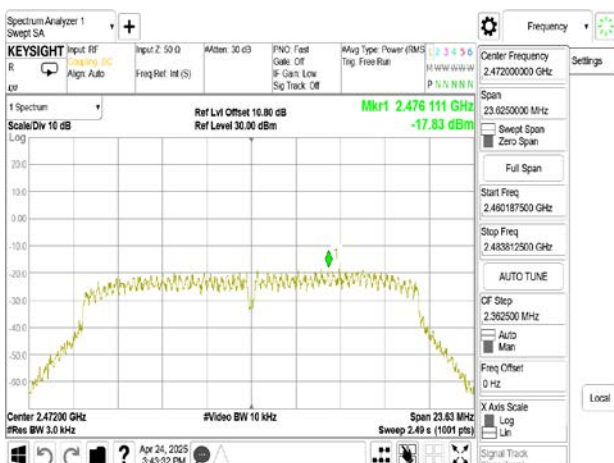
802.11n_20MHz_Chain0_2462MHz



802.11n_20MHz_Chain0_2467MHz



802.11n_20MHz_Chain0_2472MHz



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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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