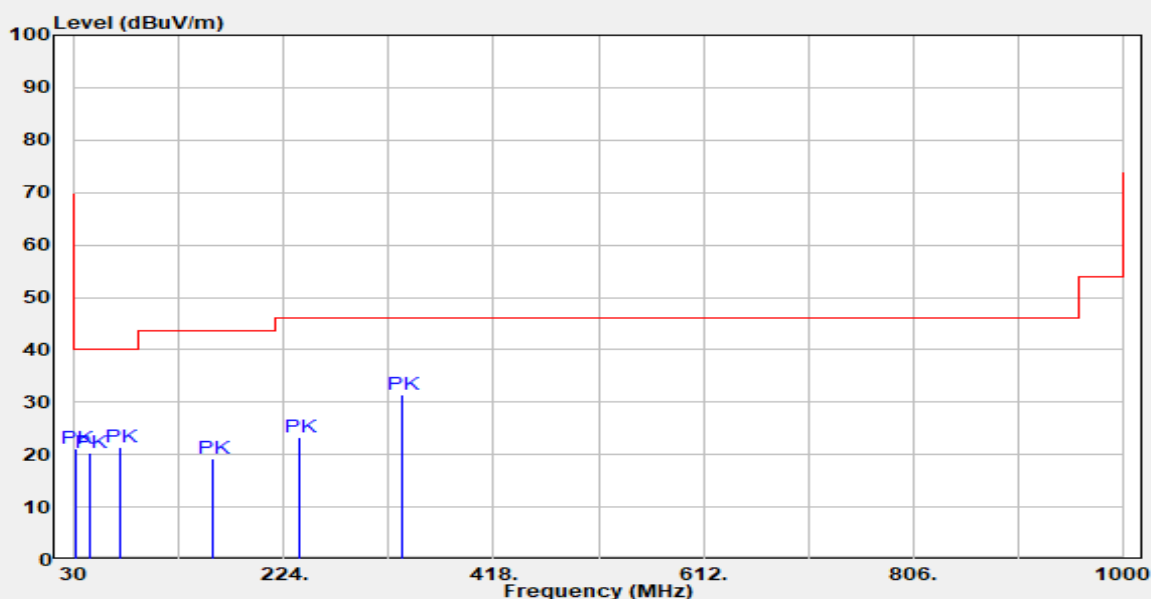


## 11.7.3 Spurious Emission:

Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
30.97	Peak	31.21	-10.18	21.03	40.00	-18.97
43.58	Peak	29.37	-9.11	20.26	40.00	-19.74
71.71	Peak	32.87	-11.35	21.52	40.00	-18.48
157.07	Peak	27.32	-8.20	19.12	43.50	-24.38
238.55	Peak	32.53	-9.17	23.36	46.00	-22.64
332.64	Peak	37.81	-6.38	31.43	46.00	-14.57

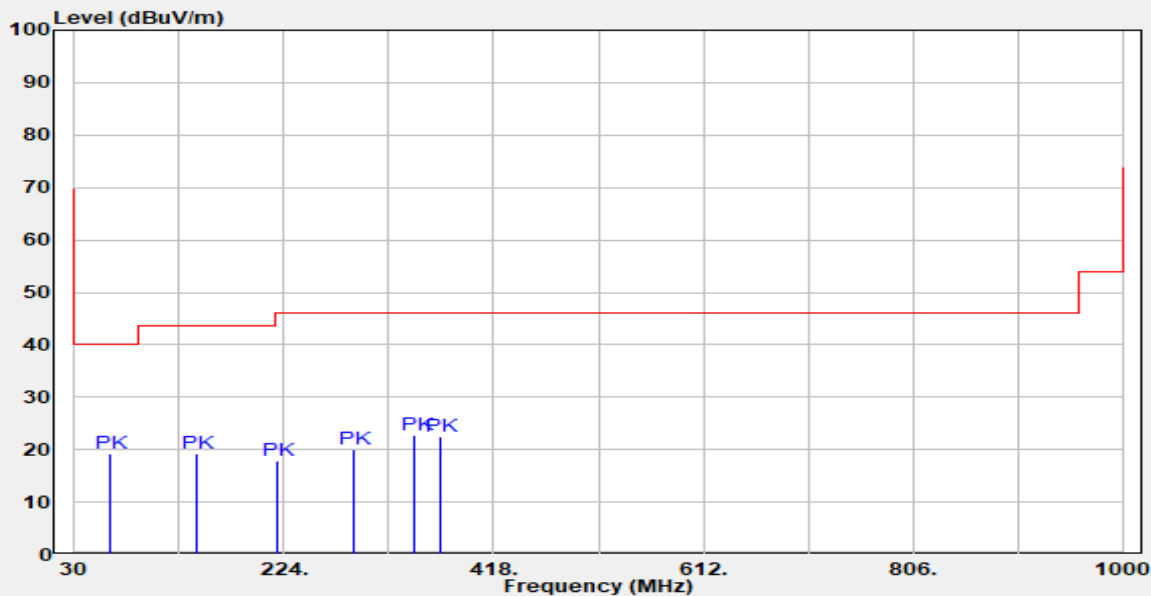
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
62.01	Peak	28.71	-9.39	19.32	40.00	-20.68
142.52	Peak	28.12	-8.77	19.35	43.50	-24.15
217.21	Peak	28.04	-10.15	17.89	46.00	-28.11
288.99	Peak	27.38	-7.25	20.13	46.00	-25.87
345.25	Peak	29.07	-6.22	22.85	46.00	-23.15
368.53	Peak	28.33	-5.80	22.53	46.00	-23.47

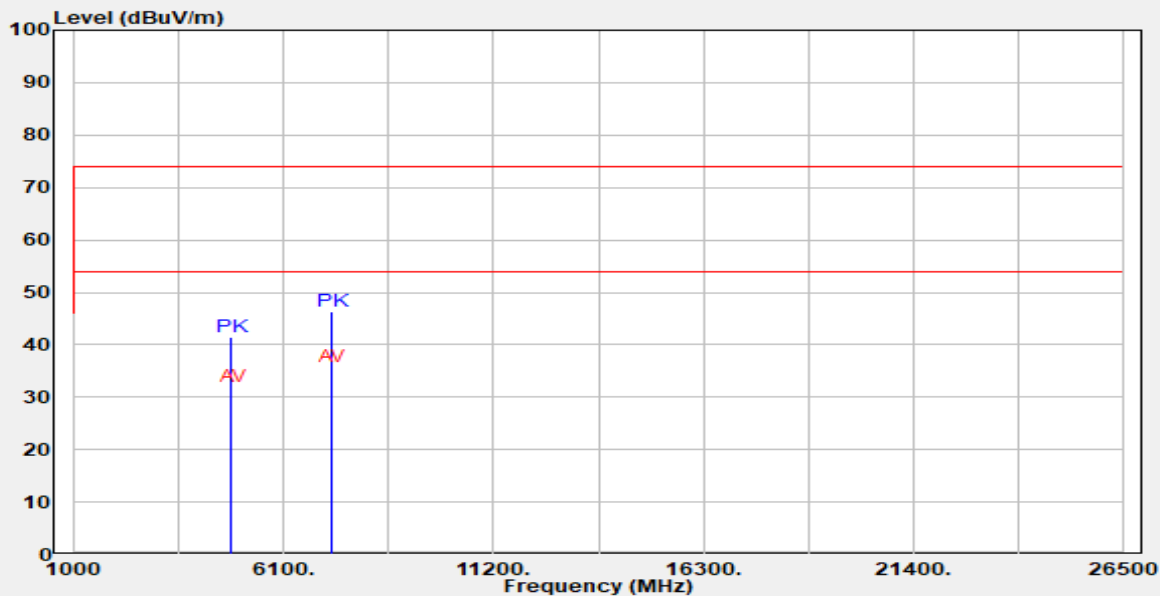
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.00	Peak	41.17	0.20	41.37	74.00	-32.63
4824.00	Average	31.68	0.20	31.88	54.00	-22.12
7236.00	Peak	40.88	5.43	46.31	74.00	-27.69
7236.00	Average	30.46	5.43	35.89	54.00	-18.11

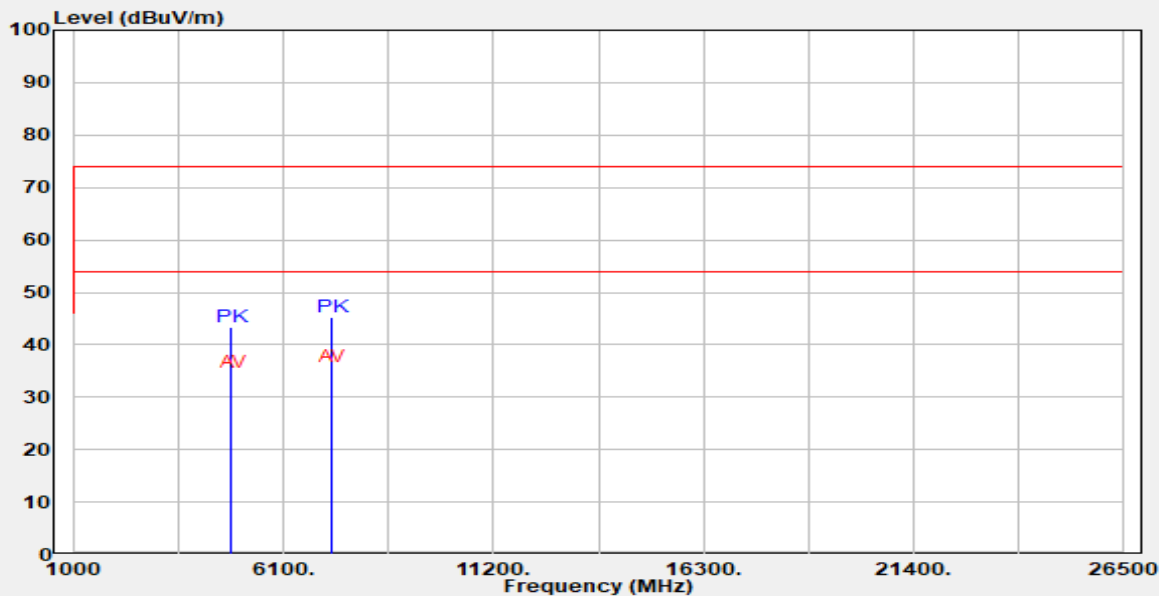
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4824.00	Peak	43.24	0.20	43.44	74.00	-30.56
4824.00	Average	34.49	0.20	34.69	54.00	-19.31
7236.00	Peak	39.89	5.43	45.32	74.00	-28.68
7236.00	Average	30.33	5.43	35.76	54.00	-18.24

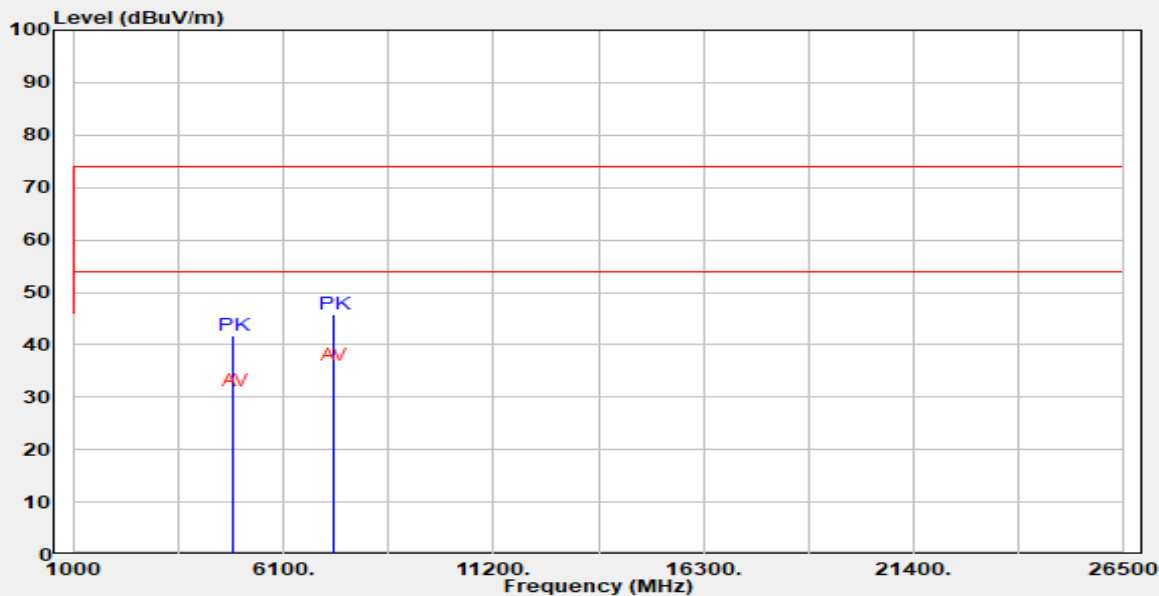
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.00	Peak	41.49	0.20	41.69	74.00	-32.31
4874.00	Average	30.91	0.20	31.11	54.00	-22.89
7311.00	Peak	40.12	5.62	45.74	74.00	-28.26
7311.00	Average	30.34	5.62	35.96	54.00	-18.04

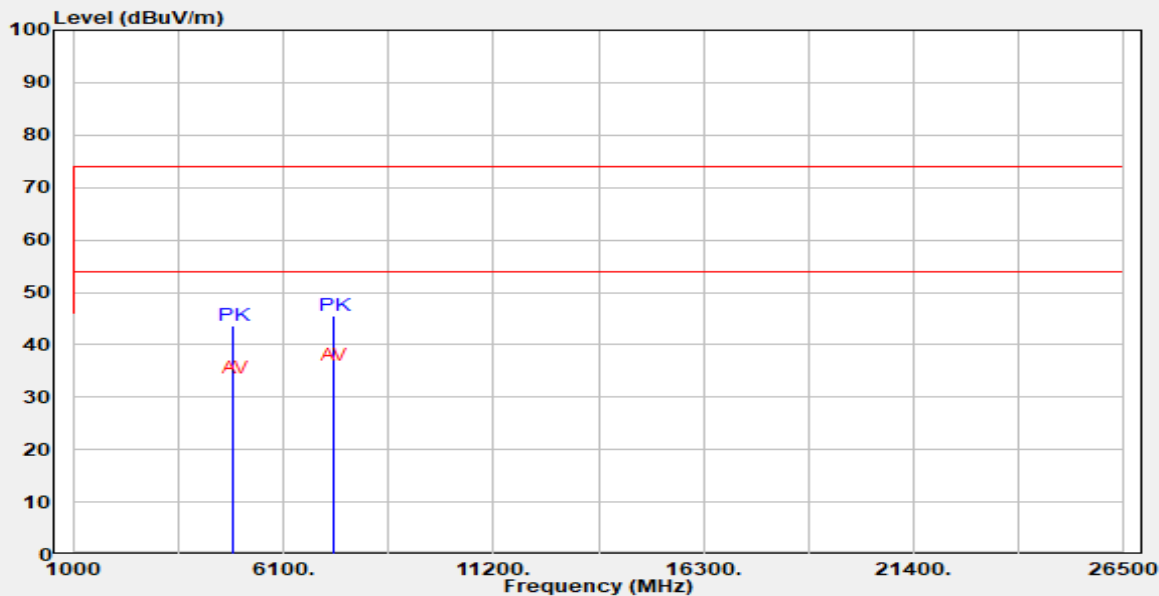
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4874.00	Peak	43.37	0.20	43.57	74.00	-30.43
4874.00	Average	33.50	0.20	33.70	54.00	-20.30
7311.00	Peak	39.84	5.62	45.46	74.00	-28.54
7311.00	Average	30.32	5.62	35.94	54.00	-18.06

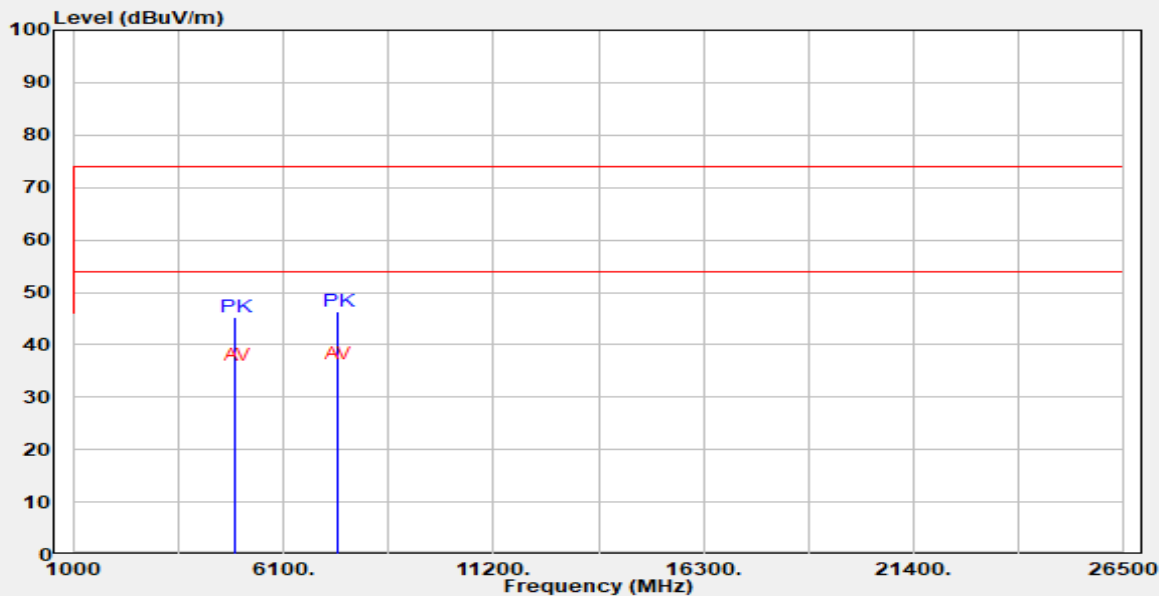
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.00	Peak	44.84	0.31	45.15	74.00	-28.85
4924.00	Average	35.77	0.31	36.08	54.00	-17.92
7386.00	Peak	40.72	5.50	46.22	74.00	-27.78
7386.00	Average	30.89	5.50	36.39	54.00	-17.61

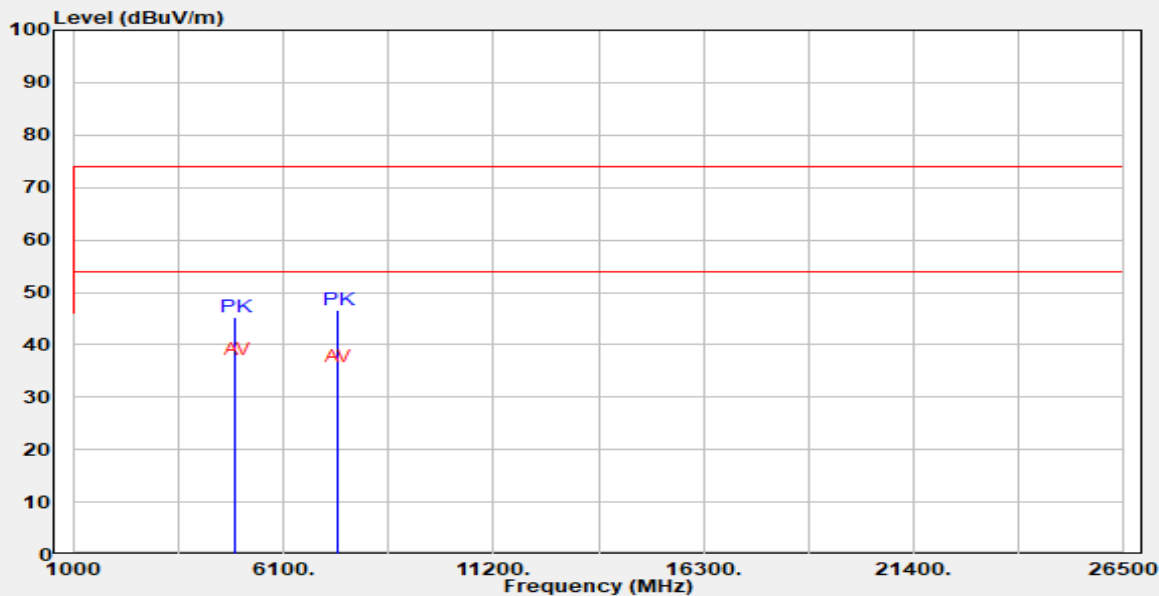
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4924.00	Peak	44.85	0.31	45.16	74.00	-28.84
4924.00	Average	36.73	0.31	37.04	54.00	-16.96
7386.00	Peak	41.15	5.50	46.65	74.00	-27.35
7386.00	Average	30.38	5.50	35.88	54.00	-18.12

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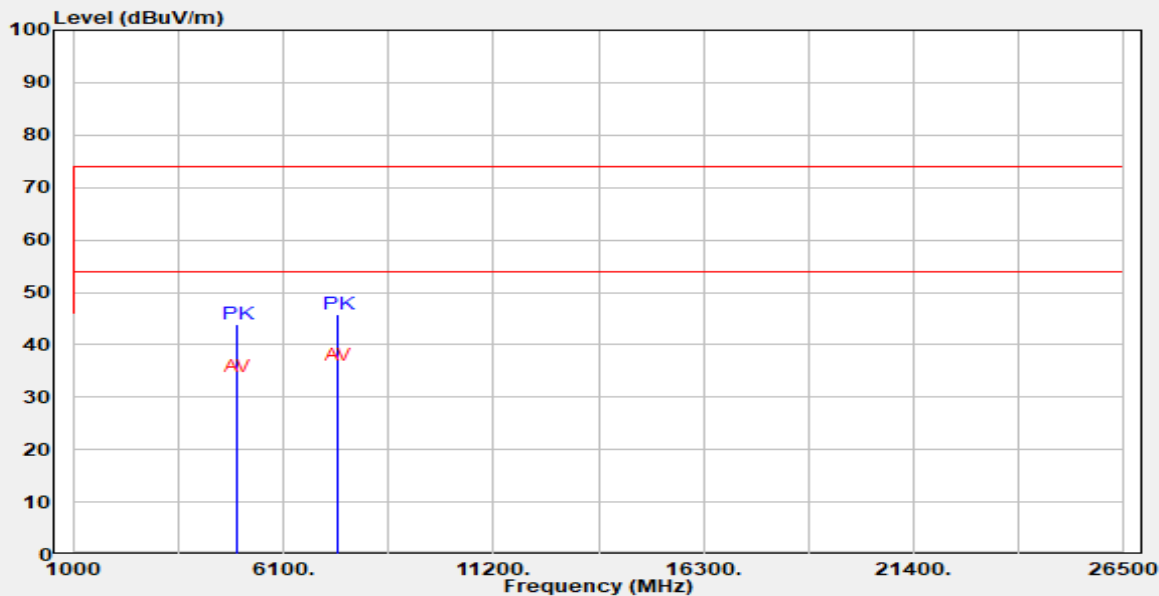
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2467 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4934.00	Peak	43.54	0.35	43.89	74.00	-30.11
4934.00	Average	33.57	0.35	33.92	54.00	-20.08
7401.00	Peak	40.26	5.50	45.76	74.00	-28.24
7401.00	Average	30.49	5.50	35.99	54.00	-18.01

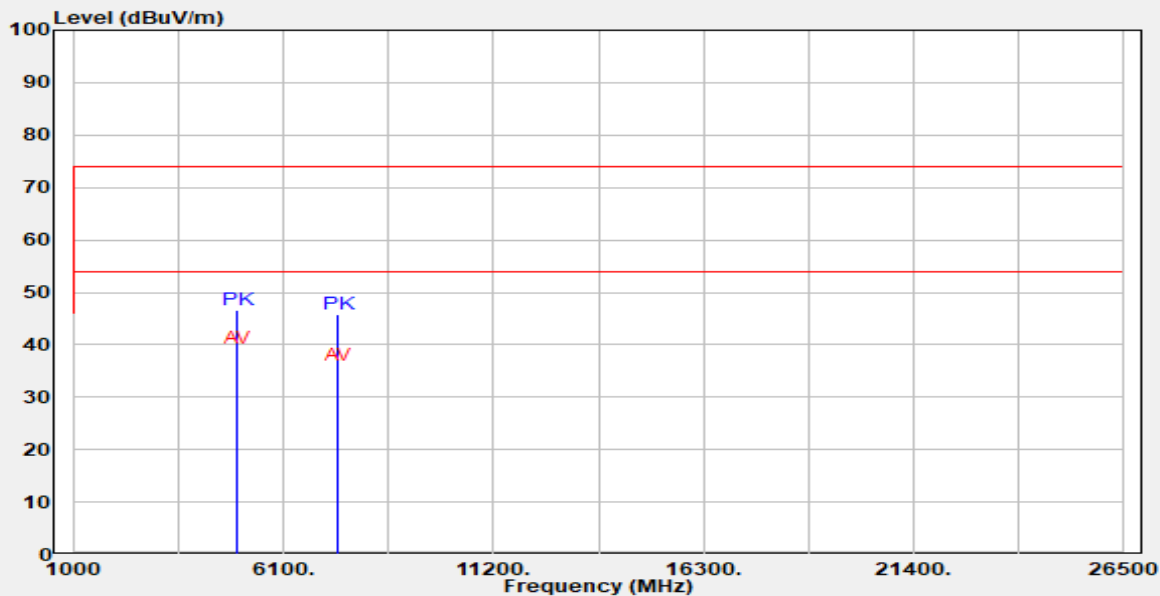
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2467 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4934.00	Peak	46.18	0.35	46.53	74.00	-27.47
4934.00	Average	39.04	0.35	39.39	54.00	-14.61
7401.00	Peak	40.32	5.50	45.82	74.00	-28.18
7401.00	Average	30.46	5.50	35.96	54.00	-18.04

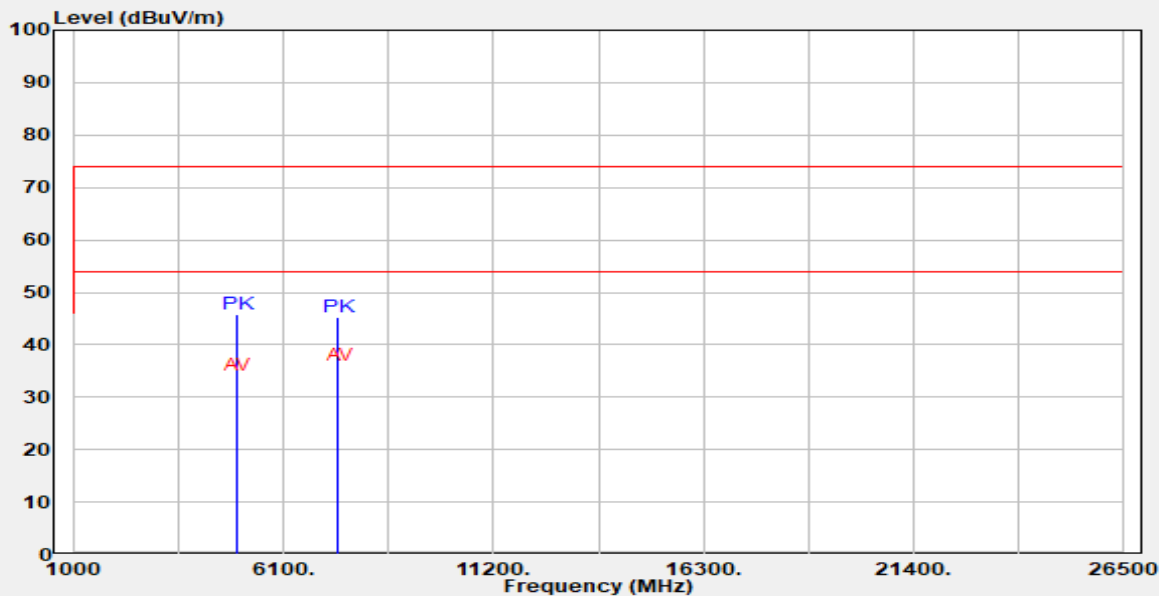
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2472 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4944.00	Peak	45.48	0.38	45.86	74.00	-28.14
4944.00	Average	33.77	0.38	34.15	54.00	-19.85
7416.00	Peak	39.65	5.52	45.17	74.00	-28.83
7416.00	Average	30.62	5.52	36.14	54.00	-17.86

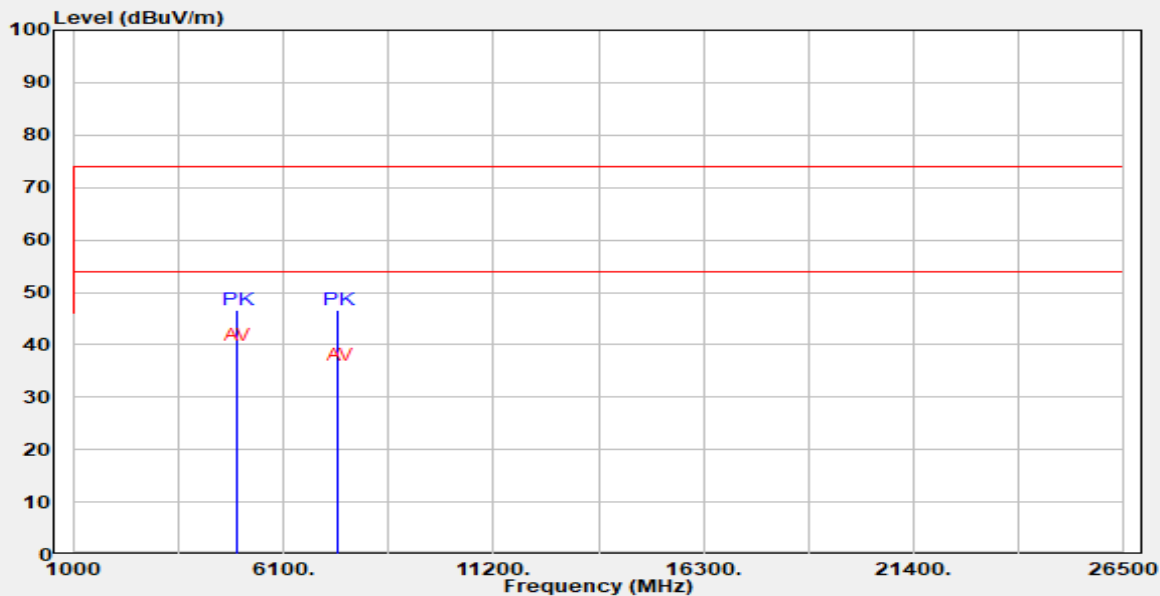
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Report Number :TERF2501000158ER  
 Operation Mode :802.11b  
 Test Frequency :2472 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4944.00	Peak	46.37	0.38	46.75	74.00	-27.25
4944.00	Average	39.48	0.38	39.86	54.00	-14.14
7416.00	Peak	41.11	5.52	46.63	74.00	-27.37
7416.00	Average	30.59	5.52	36.11	54.00	-17.89

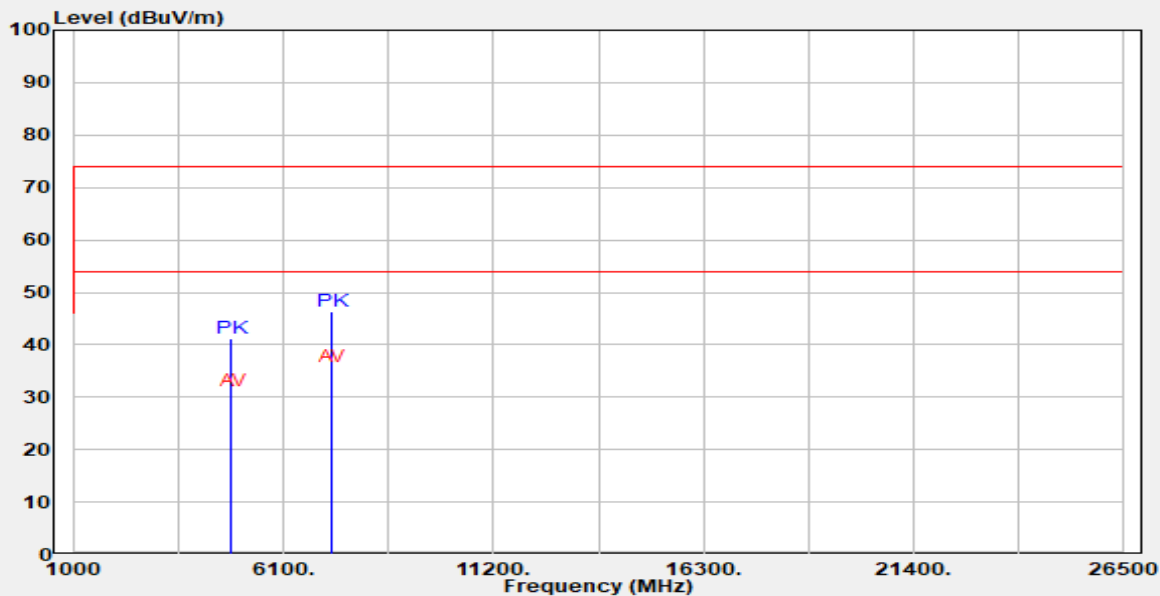
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4824.00	Peak	41.12	0.20	41.32	74.00	-32.68
4824.00	Average	31.01	0.20	31.21	54.00	-22.79
7236.00	Peak	40.80	5.43	46.23	74.00	-27.77
7236.00	Average	30.35	5.43	35.78	54.00	-18.22

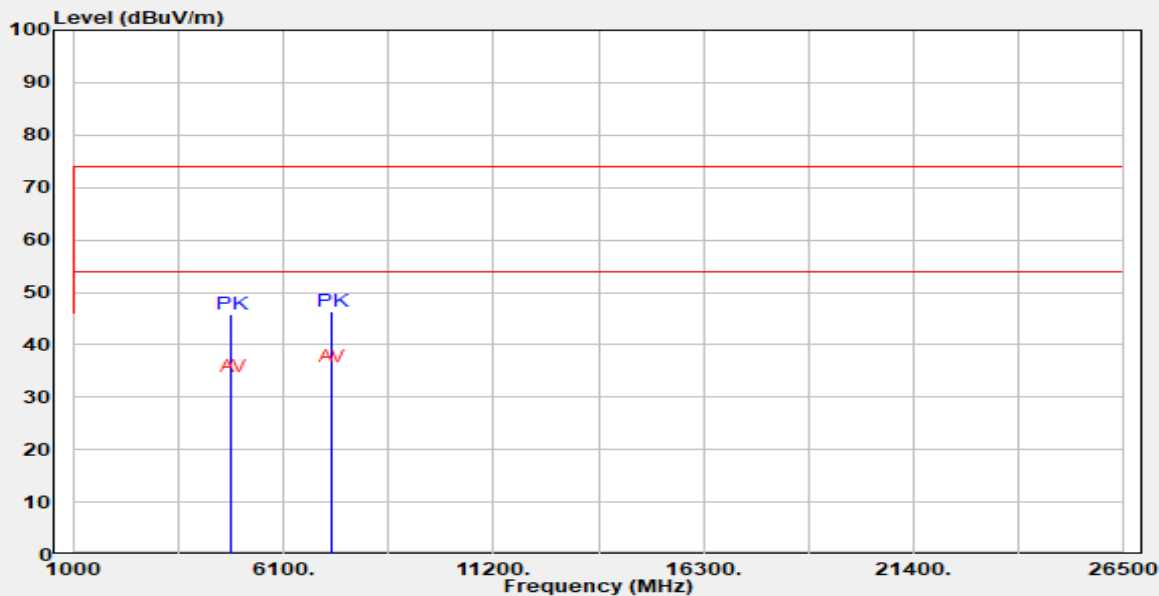
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.00	Peak	45.49	0.20	45.69	74.00	-28.31
4824.00	Average	33.63	0.20	33.83	54.00	-20.17
7236.00	Peak	40.85	5.43	46.28	74.00	-27.72
7236.00	Average	30.38	5.43	35.81	54.00	-18.19

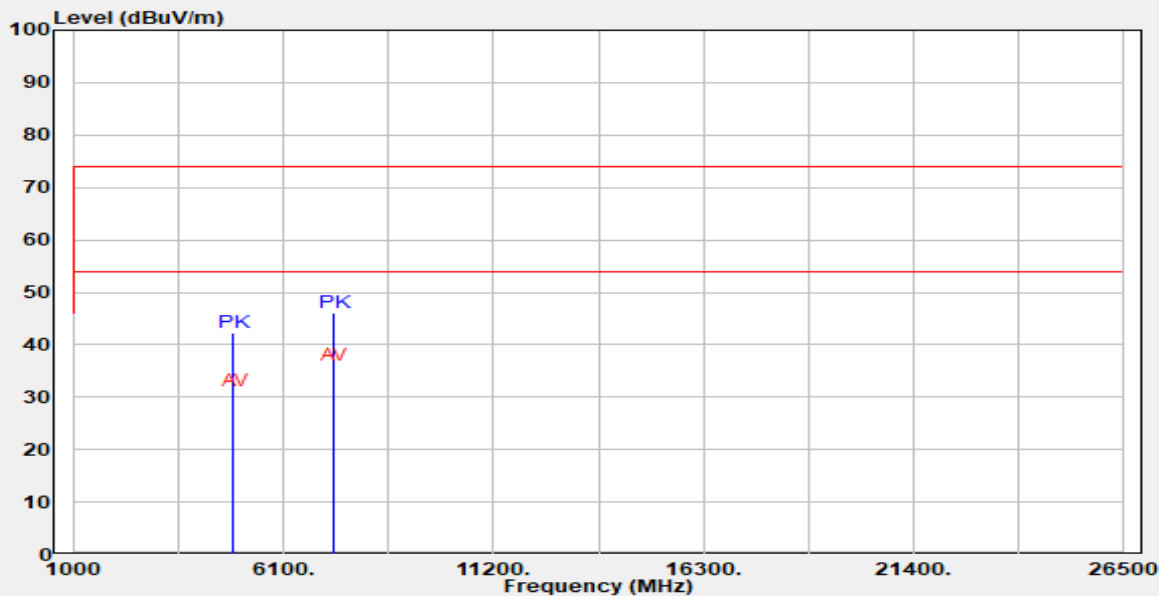
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4874.00	Peak	41.95	0.20	42.15	74.00	-31.85
4874.00	Average	31.08	0.20	31.28	54.00	-22.72
7311.00	Peak	40.46	5.62	46.08	74.00	-27.92
7311.00	Average	30.33	5.62	35.95	54.00	-18.05

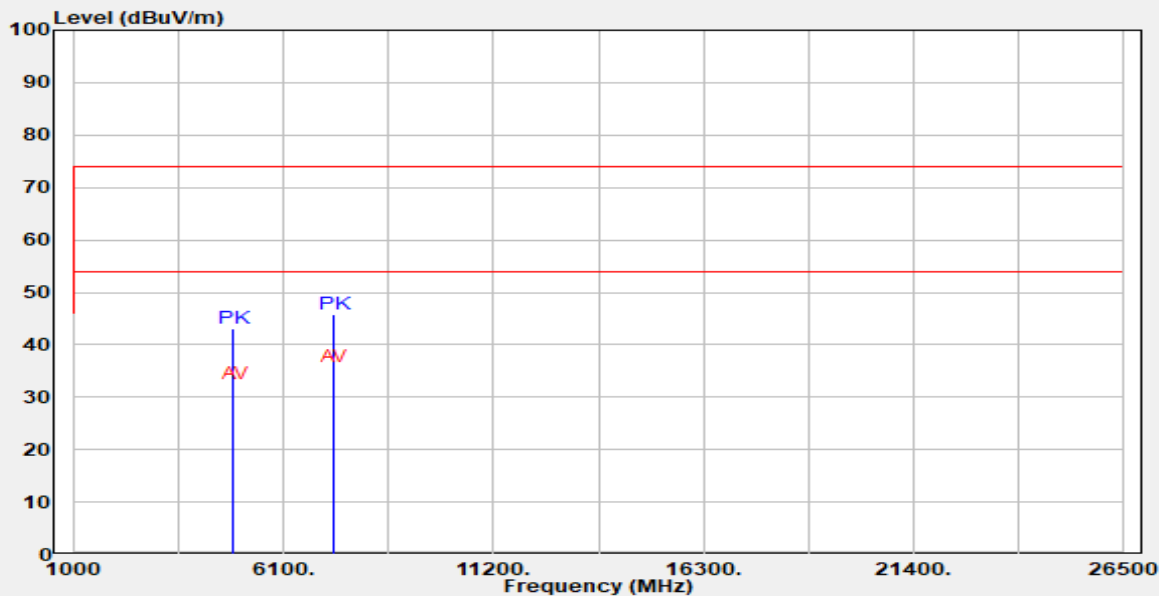
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.00	Peak	42.97	0.20	43.17	74.00	-30.83
4874.00	Average	32.31	0.20	32.51	54.00	-21.49
7311.00	Peak	40.07	5.62	45.69	74.00	-28.31
7311.00	Average	30.18	5.62	35.80	54.00	-18.20

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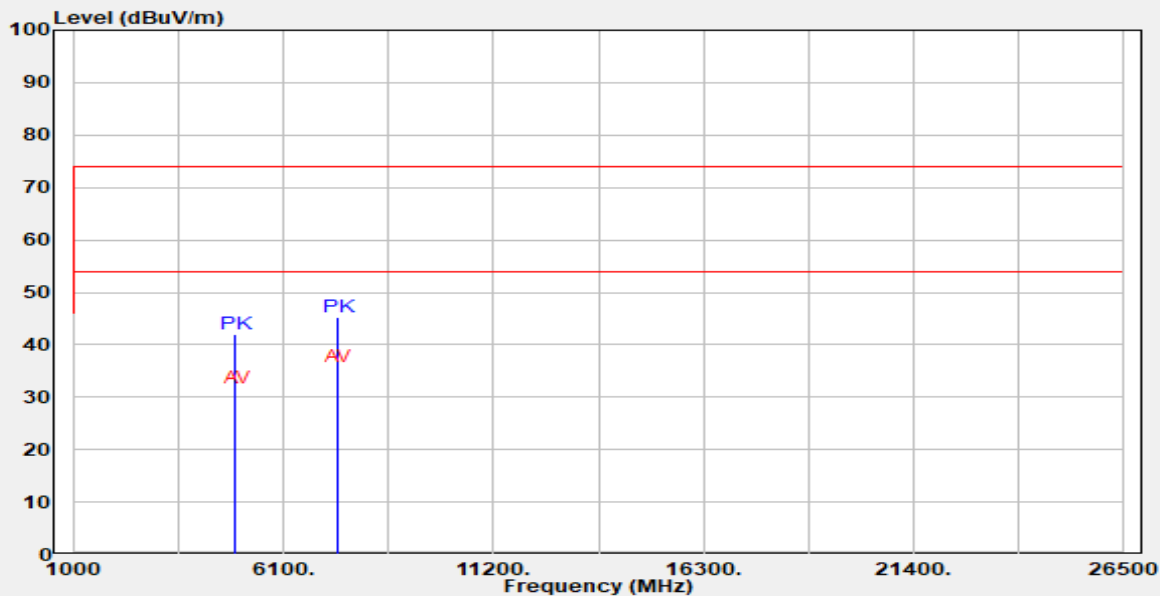
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.00	Peak	41.57	0.31	41.88	74.00	-32.12
4924.00	Average	31.45	0.31	31.76	54.00	-22.24
7386.00	Peak	39.74	5.50	45.24	74.00	-28.76
7386.00	Average	30.36	5.50	35.86	54.00	-18.14

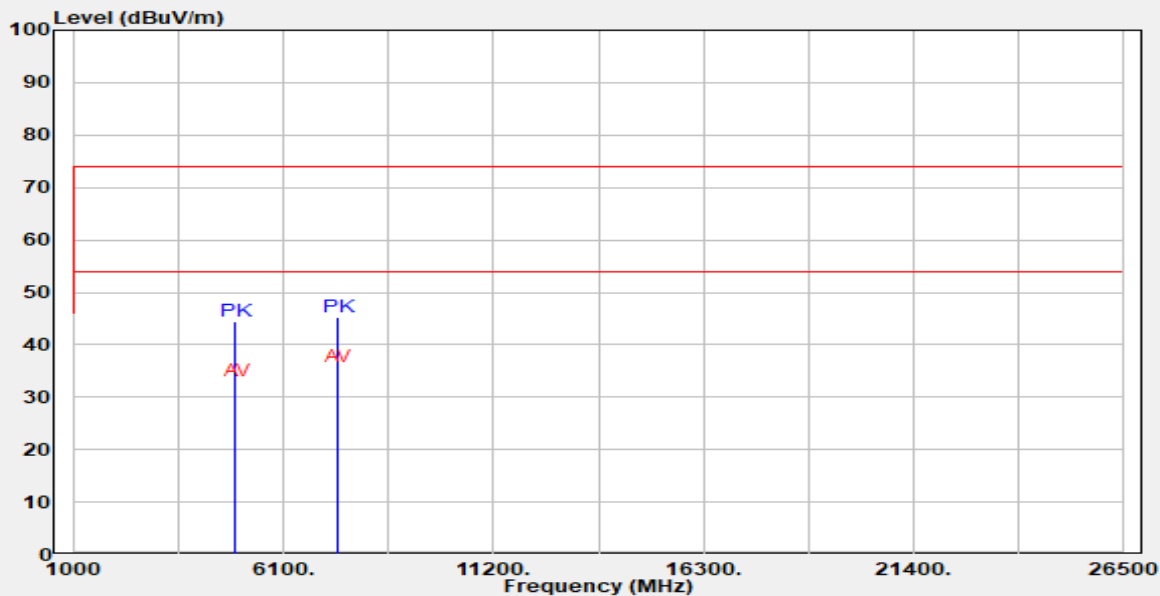
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4924.00	Peak	44.24	0.31	44.55	74.00	-29.45
4924.00	Average	32.72	0.31	33.03	54.00	-20.97
7386.00	Peak	39.67	5.50	45.17	74.00	-28.83
7386.00	Average	30.29	5.50	35.79	54.00	-18.21

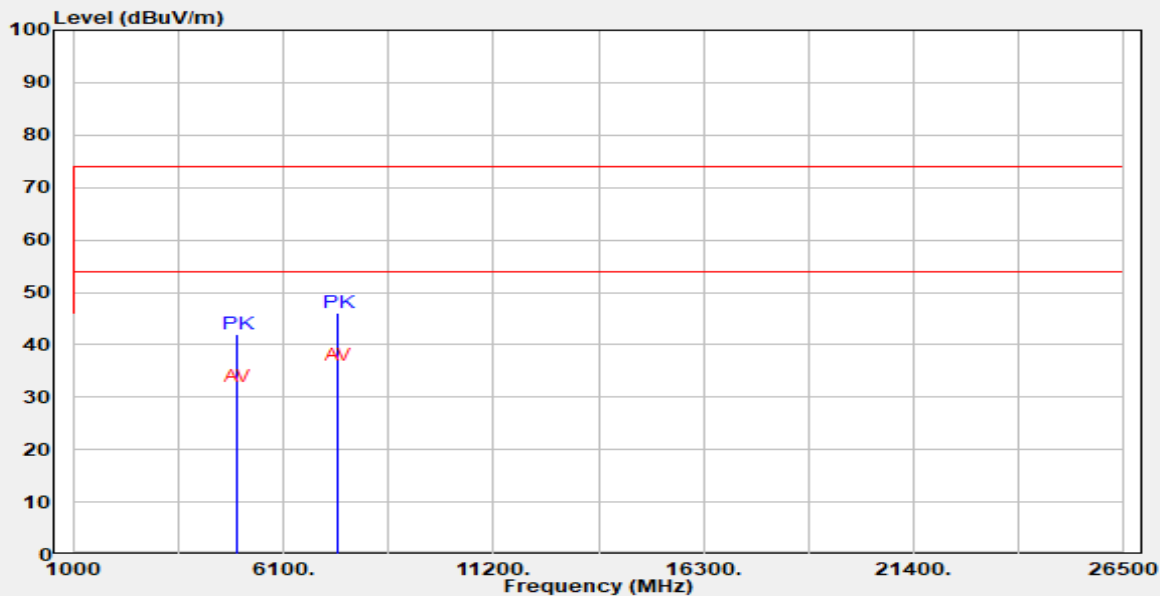
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2467 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4934.00	Peak	41.70	0.35	42.05	74.00	-31.95
4934.00	Average	31.71	0.35	32.06	54.00	-21.94
7401.00	Peak	40.45	5.50	45.95	74.00	-28.05
7401.00	Average	30.46	5.50	35.96	54.00	-18.04

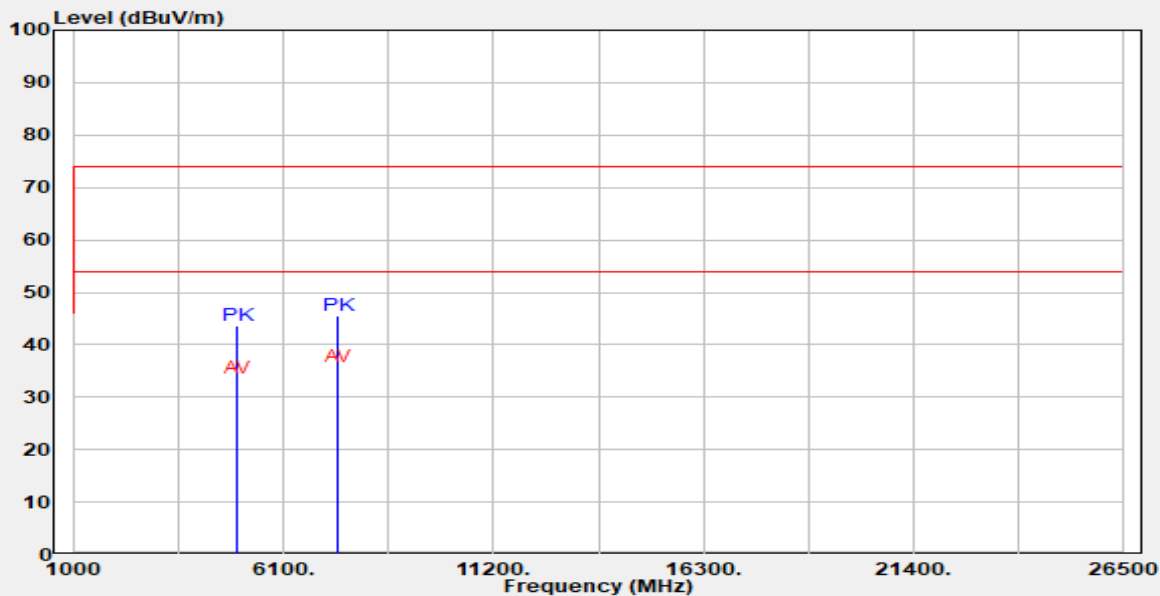
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2467 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4934.00	Peak	43.36	0.35	43.71	74.00	-30.29
4934.00	Average	33.23	0.35	33.58	54.00	-20.42
7401.00	Peak	40.15	5.50	45.65	74.00	-28.35
7401.00	Average	30.38	5.50	35.88	54.00	-18.12

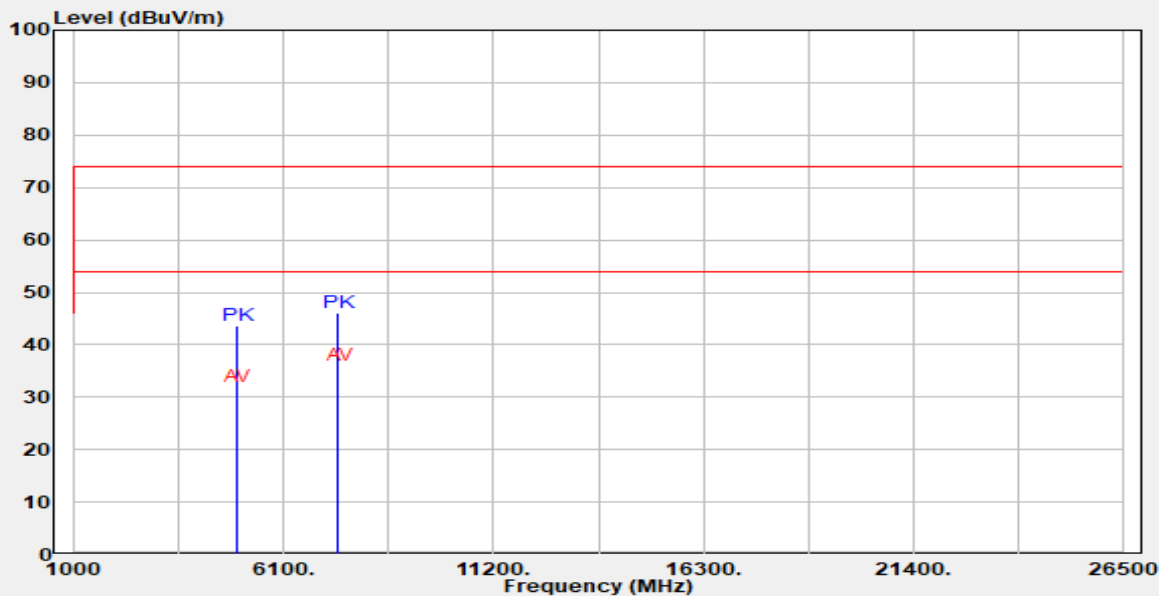
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Report Number :TERF2501000158ER  
 Operation Mode :802.11g  
 Test Frequency :2472 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4944.00	Peak	43.37	0.38	43.75	74.00	-30.25
4944.00	Average	31.64	0.38	32.02	54.00	-21.98
7416.00	Peak	40.48	5.52	46.00	74.00	-28.00
7416.00	Average	30.59	5.52	36.11	54.00	-17.89

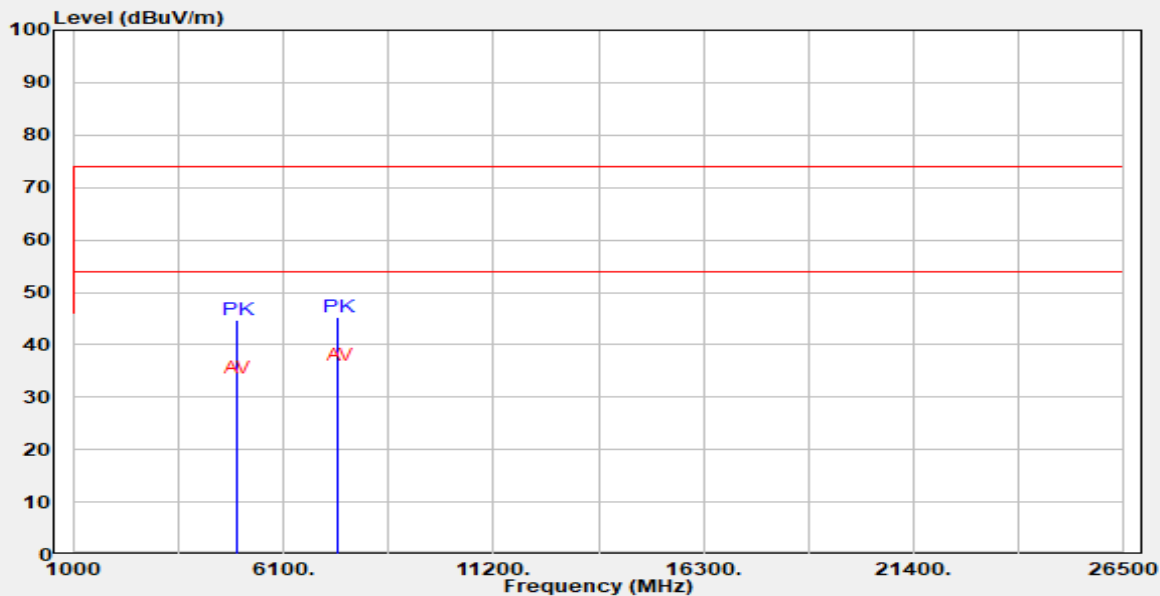
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Report Number :TERF2501000158ER  
Operation Mode :802.11g  
Test Frequency :2472 MHz  
Test Mode :Tx  
EUT Pol :E1 Plane

Test Site :SAC 3  
Test Date :2025-02-05  
Temp./Humi. :19.5°C/45%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4944.00	Peak	44.26	0.38	44.64	74.00	-29.36
4944.00	Average	33.17	0.38	33.55	54.00	-20.45
7416.00	Peak	39.67	5.52	45.19	74.00	-28.81
7416.00	Average	30.49	5.52	36.01	54.00	-17.99

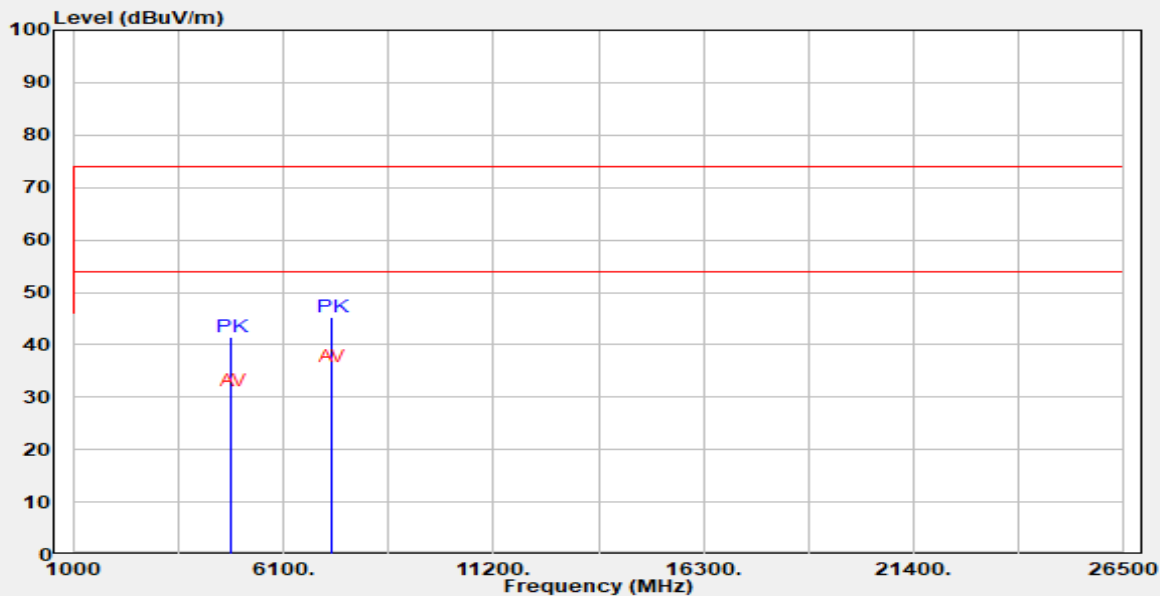
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.00	Peak	41.34	0.20	41.54	74.00	-32.46
4824.00	Average	30.85	0.20	31.05	54.00	-22.95
7236.00	Peak	39.86	5.43	45.29	74.00	-28.71
7236.00	Average	30.39	5.43	35.82	54.00	-18.18

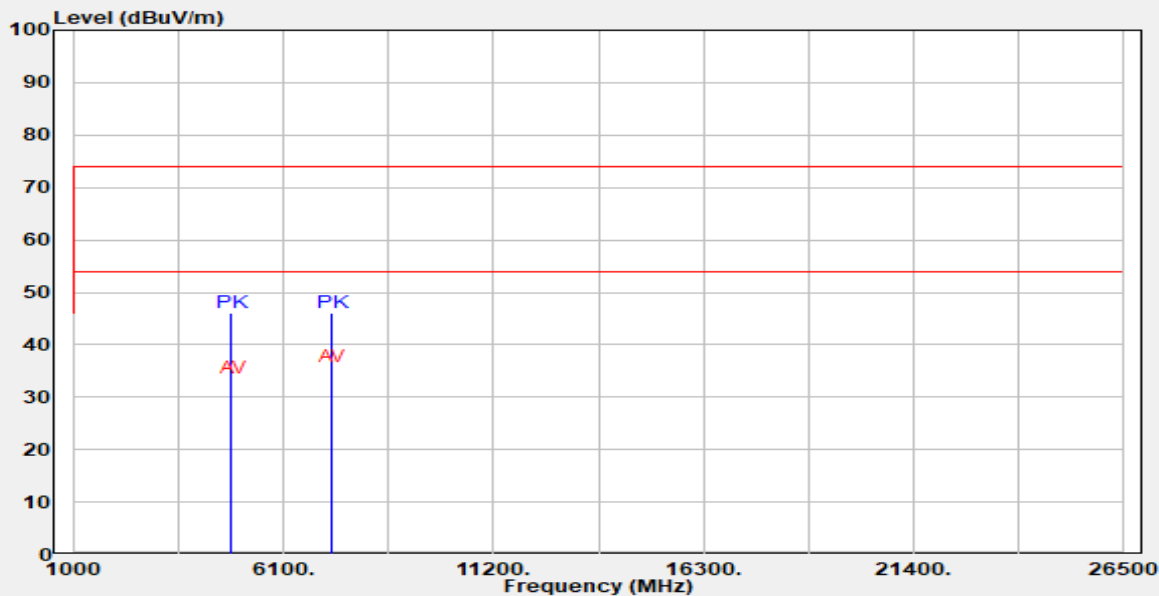
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.00	Peak	45.78	0.20	45.98	74.00	-28.02
4824.00	Average	33.44	0.20	33.64	54.00	-20.36
7236.00	Peak	40.75	5.43	46.18	74.00	-27.82
7236.00	Average	30.34	5.43	35.77	54.00	-18.23

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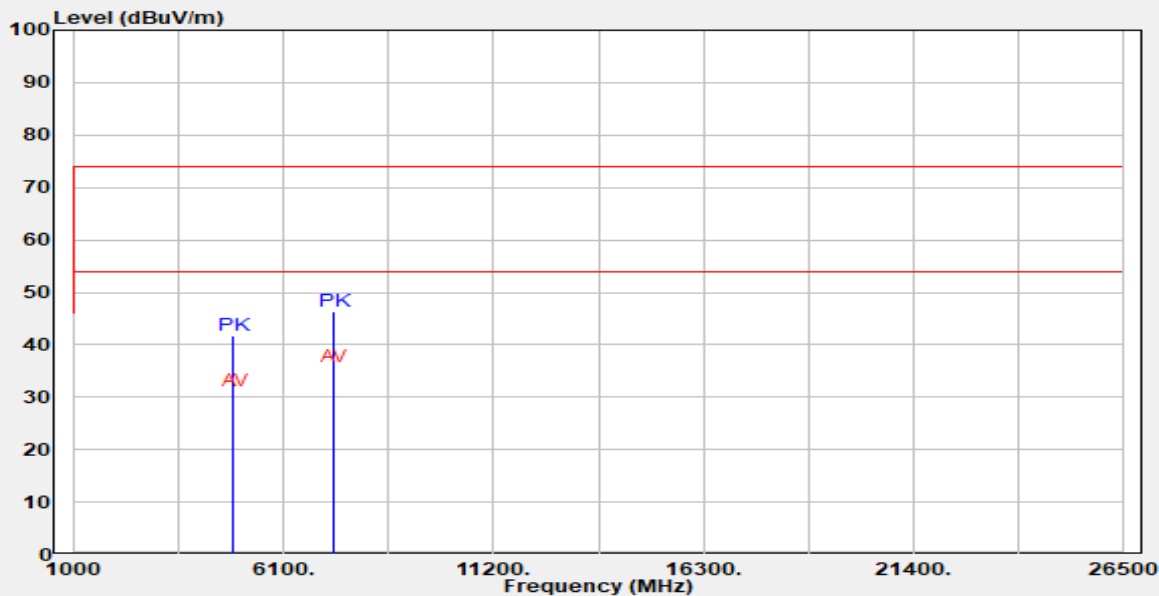
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4874.00	Peak	41.58	0.20	41.78	74.00	-32.22
4874.00	Average	30.96	0.20	31.16	54.00	-22.84
7311.00	Peak	40.82	5.62	46.44	74.00	-27.56
7311.00	Average	30.18	5.62	35.80	54.00	-18.20

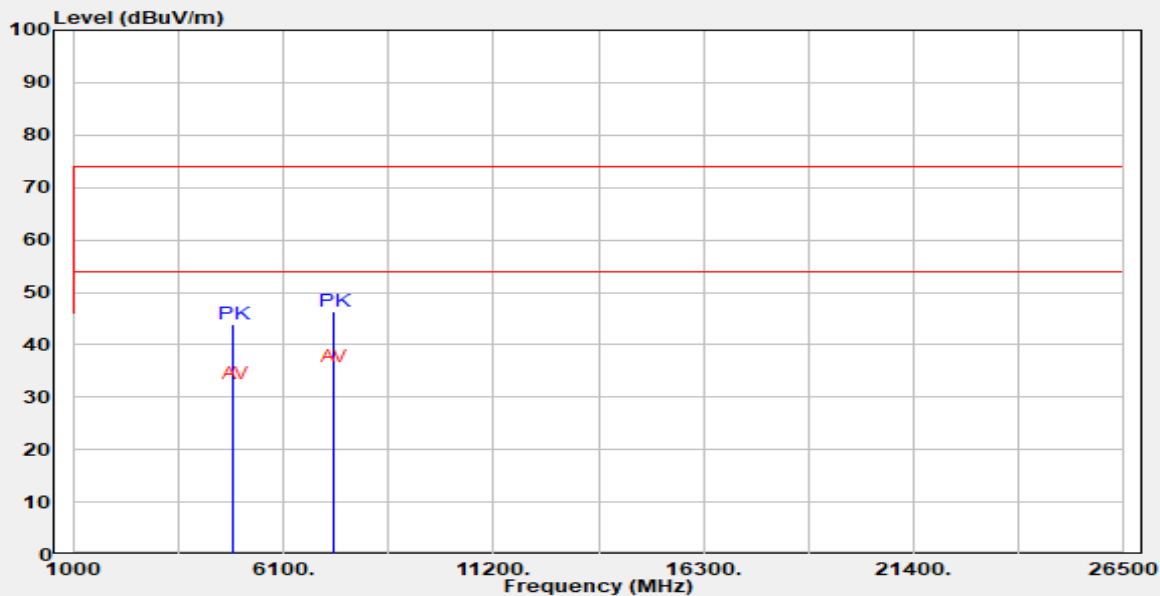
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4874.00	Peak	43.71	0.20	43.91	74.00	-30.09
4874.00	Average	32.30	0.20	32.50	54.00	-21.50
7311.00	Peak	40.77	5.62	46.39	74.00	-27.61
7311.00	Average	30.16	5.62	35.78	54.00	-18.22

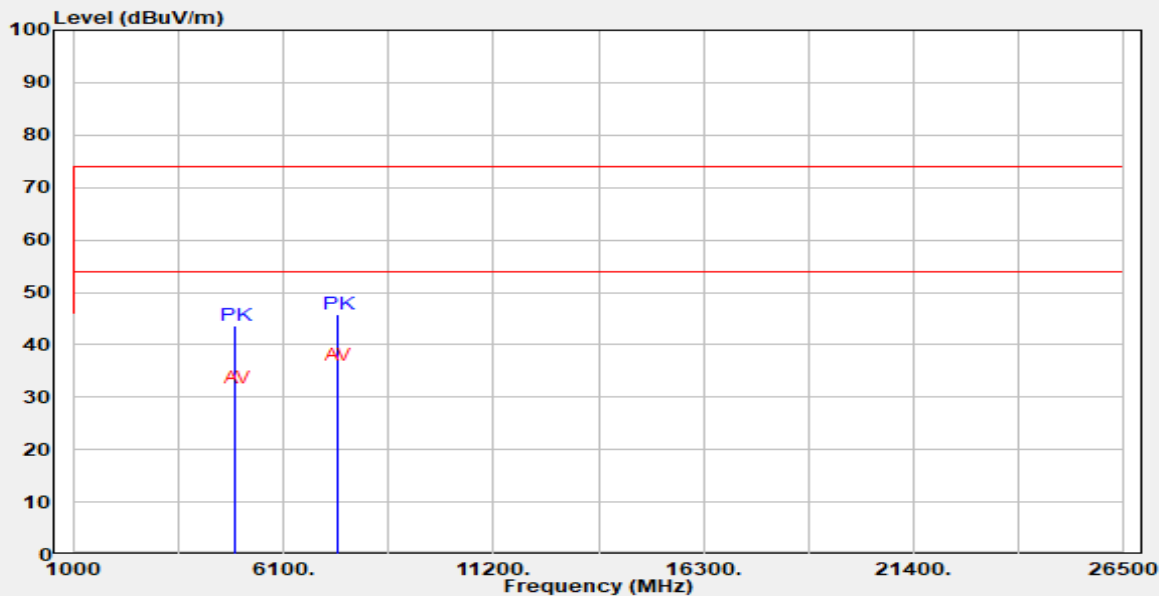
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.00	Peak	43.29	0.31	43.60	74.00	-30.40
4924.00	Average	31.48	0.31	31.79	54.00	-22.21
7386.00	Peak	40.23	5.50	45.73	74.00	-28.27
7386.00	Average	30.44	5.50	35.94	54.00	-18.06

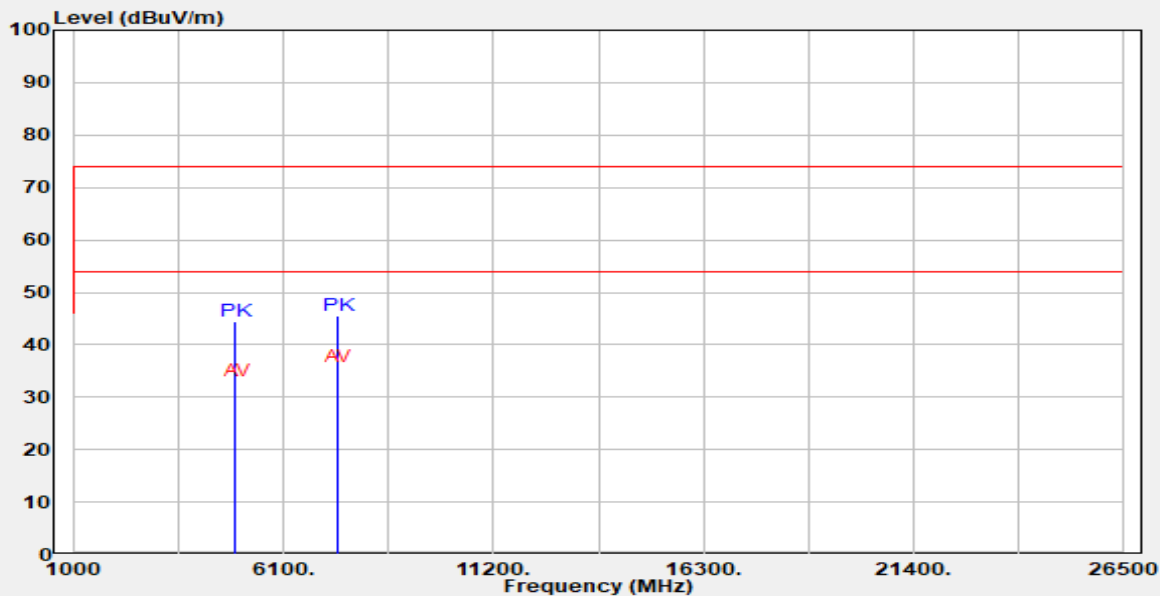
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.00	Peak	44.09	0.31	44.40	74.00	-29.60
4924.00	Average	32.68	0.31	32.99	54.00	-21.01
7386.00	Peak	39.91	5.50	45.41	74.00	-28.59
7386.00	Average	30.28	5.50	35.78	54.00	-18.22

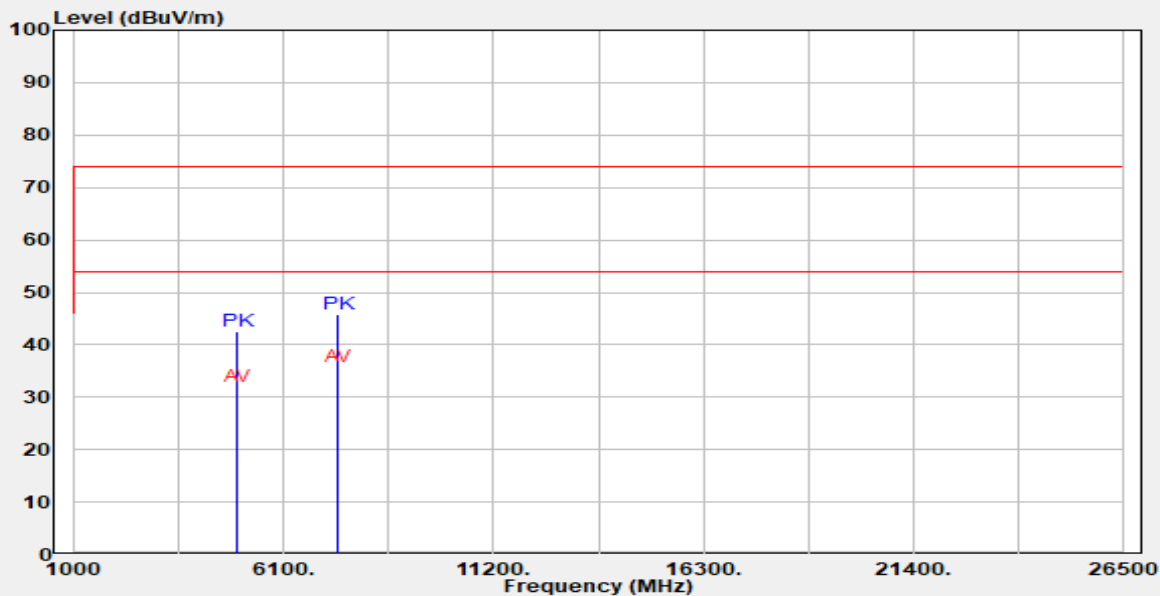
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2467 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4934.00	Peak	42.24	0.35	42.59	74.00	-31.41
4934.00	Average	31.68	0.35	32.03	54.00	-21.97
7401.00	Peak	40.30	5.50	45.80	74.00	-28.20
7401.00	Average	30.33	5.50	35.83	54.00	-18.17

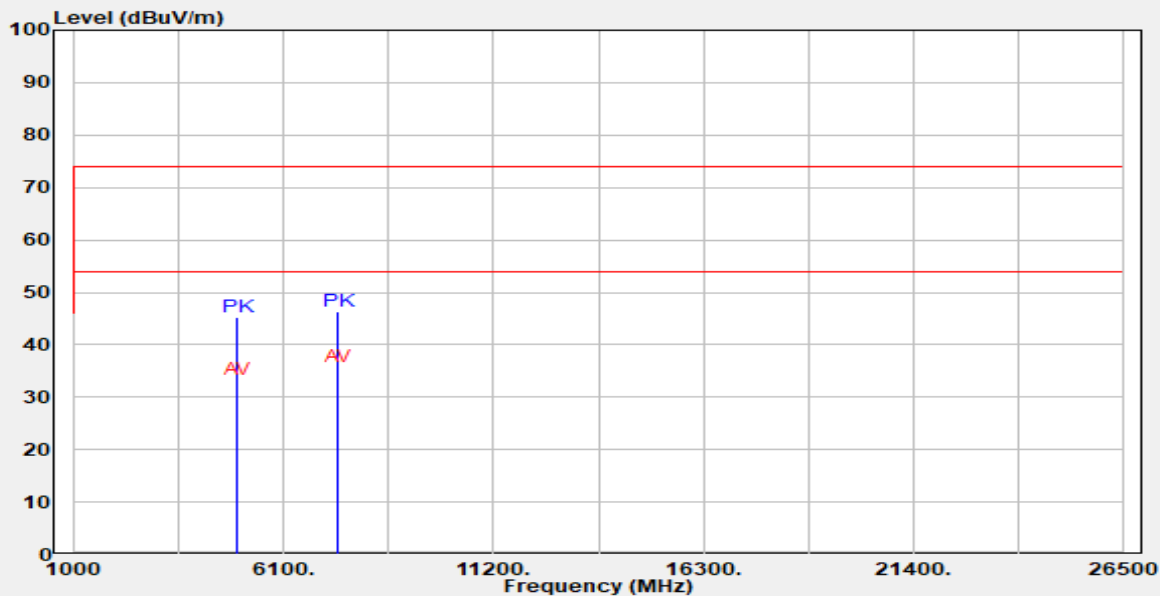
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2467 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4934.00	Peak	44.86	0.35	45.21	74.00	-28.79
4934.00	Average	32.92	0.35	33.27	54.00	-20.73
7401.00	Peak	40.86	5.50	46.36	74.00	-27.64
7401.00	Average	30.32	5.50	35.82	54.00	-18.18

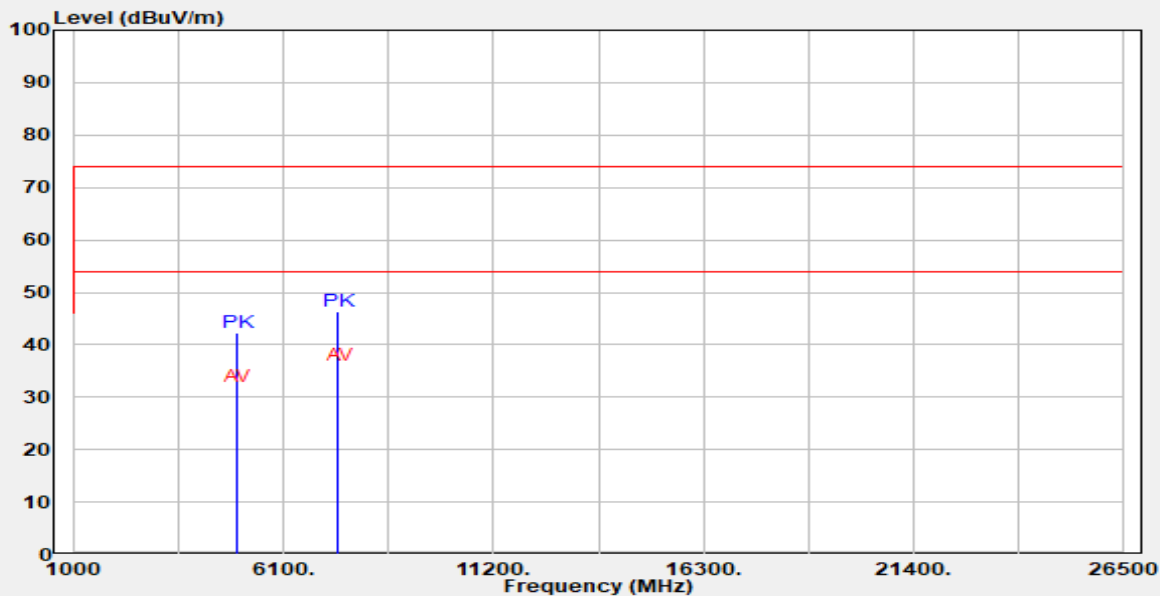
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Report Number :TERF2501000158ER  
 Operation Mode :802.11n20  
 Test Frequency :2472 MHz  
 Test Mode :Tx  
 EUT Pol :E1 Plane

Test Site :SAC 3  
 Test Date :2025-02-05  
 Temp./Humi. :19.5°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4944.00	Peak	41.84	0.38	42.22	74.00	-31.78
4944.00	Average	31.55	0.38	31.93	54.00	-22.07
7416.00	Peak	40.74	5.52	46.26	74.00	-27.74
7416.00	Average	30.63	5.52	36.15	54.00	-17.85

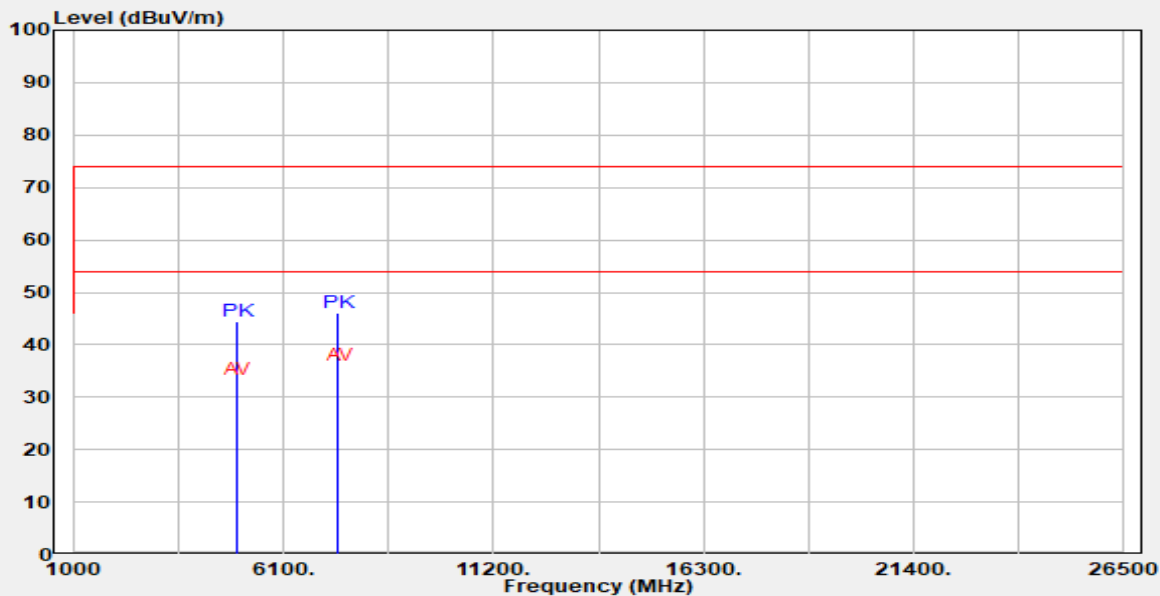
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Report Number :TERF2501000158ER  
Operation Mode :802.11n20  
Test Frequency :2472 MHz  
Test Mode :Tx  
EUT Pol :E1 Plane

Test Site :SAC 3  
Test Date :2025-02-05  
Temp./Humi. :19.5°C/45%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4944.00	Peak	44.13	0.38	44.51	74.00	-29.49
4944.00	Average	33.09	0.38	33.47	54.00	-20.53
7416.00	Peak	40.62	5.52	46.14	74.00	-27.86
7416.00	Average	30.54	5.52	36.06	54.00	-17.94

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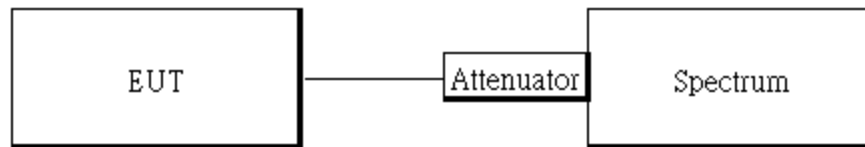
## 12 POWER SPECTRAL DENSITY

### 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

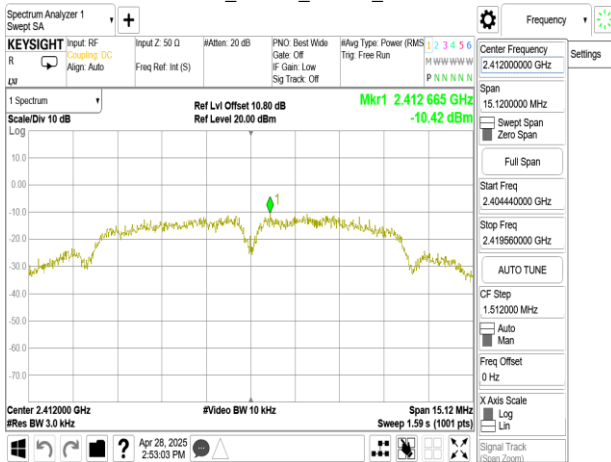
POWER DENSITY 802.11b				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-10.42	-10.42	8.00	PASS
2437	-10.99	-10.99	8.00	PASS
2462	-10.29	-10.29	8.00	PASS
2467	-18.8	-18.80	8.00	PASS
2472	-17.78	-17.78	8.00	PASS
POWER DENSITY 802.11g				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-13.2	-13.20	8.00	PASS
2437	-11.79	-11.79	8.00	PASS
2462	-14.92	-14.92	8.00	PASS
2467	-19.5	-19.50	8.00	PASS
2472	-21.14	-21.14	8.00	PASS
POWER DENSITY 802.11n HT20				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-15.08	-15.08	8.00	PASS
2437	-12.39	-12.39	8.00	PASS
2462	-17.26	-17.26	8.00	PASS
2467	-17.87	-17.87	8.00	PASS
2472	-21.41	-21.41	8.00	PASS

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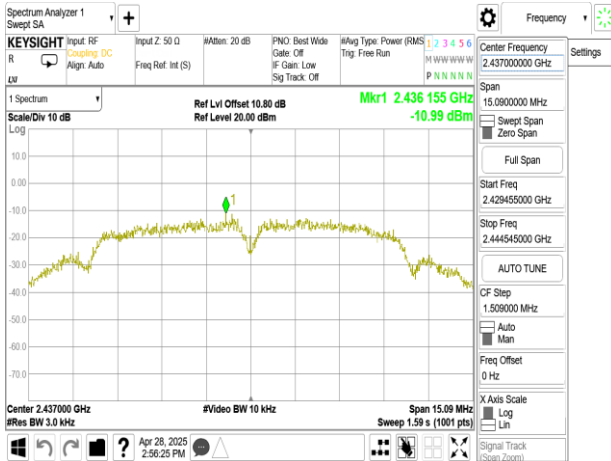
802.11b\_20MHz\_Chain0\_2412MHz



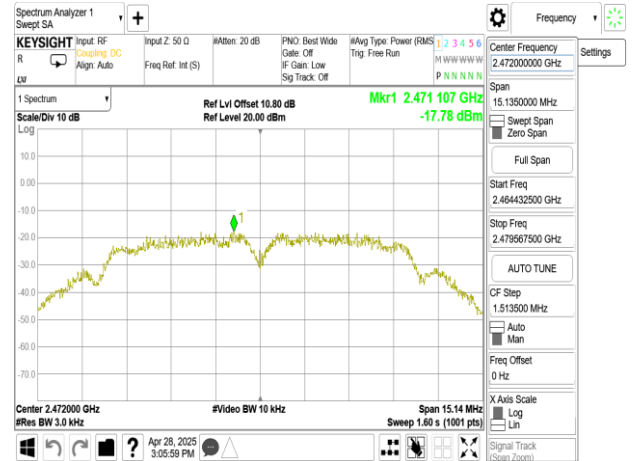
802.11b\_20MHz\_Chain0\_2467MHz



802.11b\_20MHz\_Chain0\_2437MHz



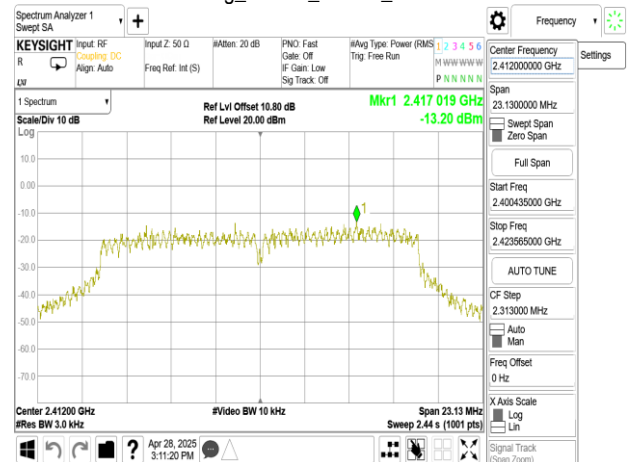
802.11b\_20MHz\_Chain0\_2472MHz



802.11b\_20MHz\_Chain0\_2462MHz



802.11g\_20MHz\_Chain0\_2412MHz

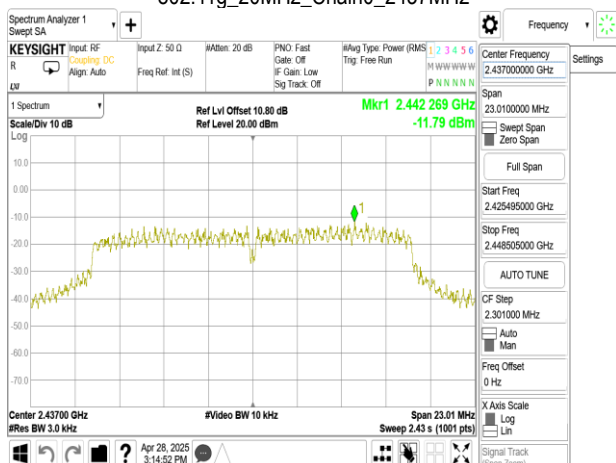


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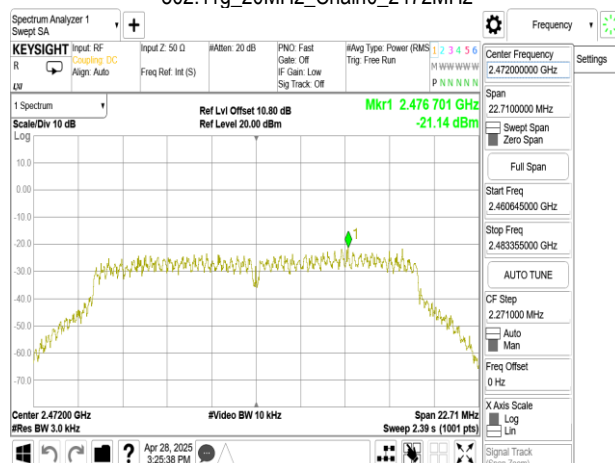
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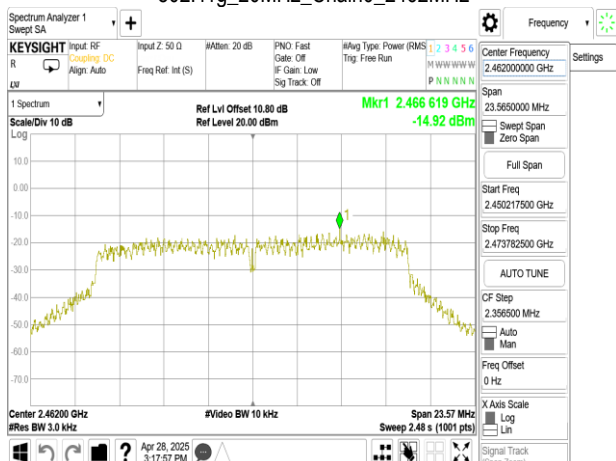
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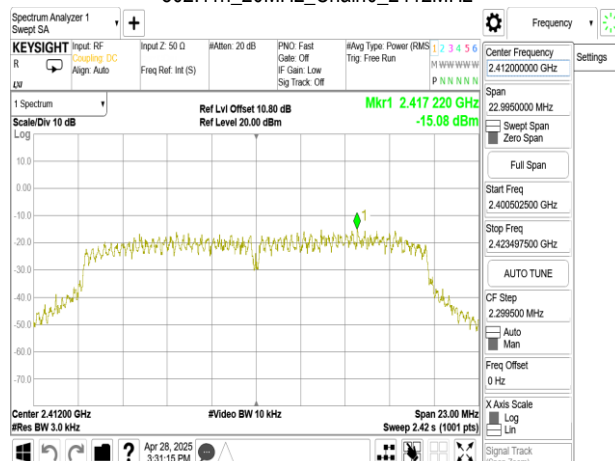
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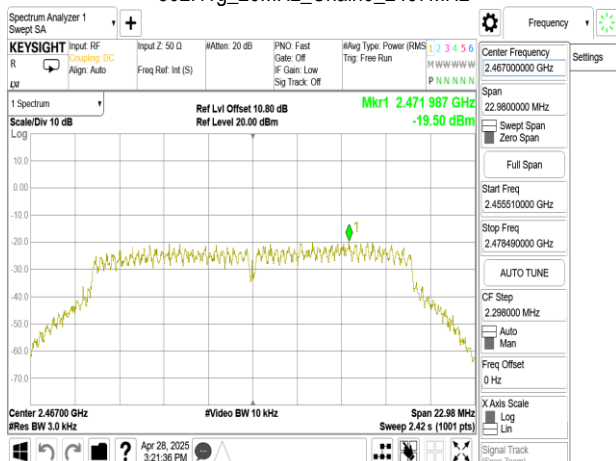
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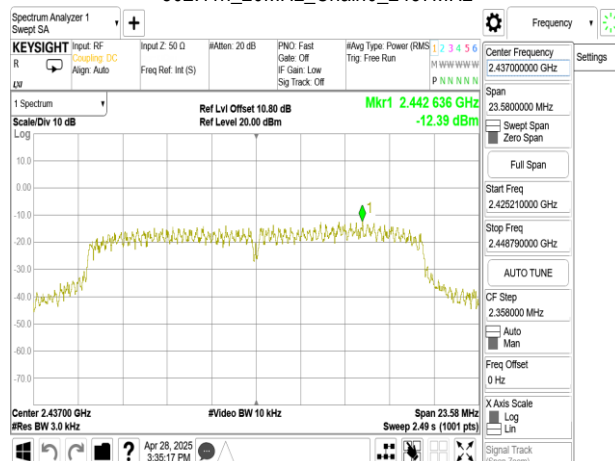
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802.11g\_20MHz\_Chain0\_2467MHz



802.11n\_20MHz\_Chain0\_2437MHz

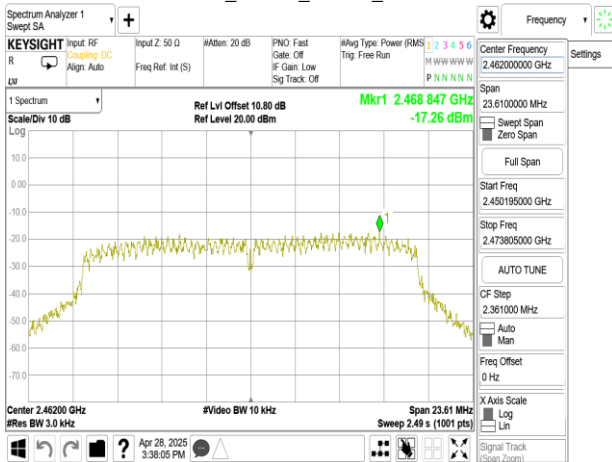


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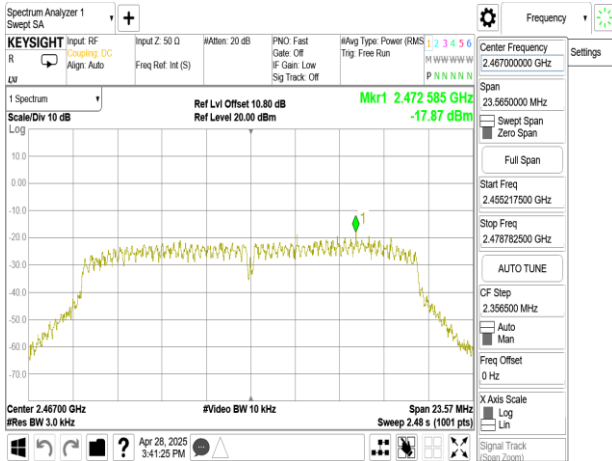
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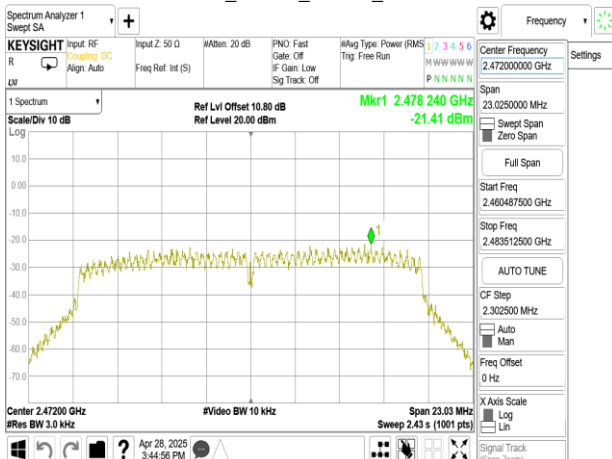
802.11n\_20MHz\_Chain0\_2462MHz



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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