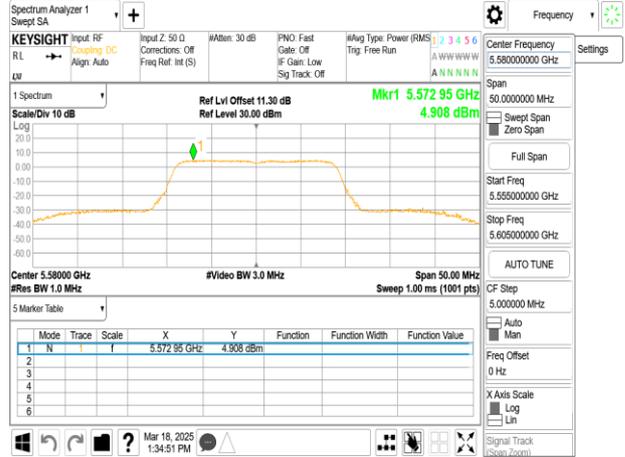


802.11n\_20MHz\_Chain0\_5300MHz



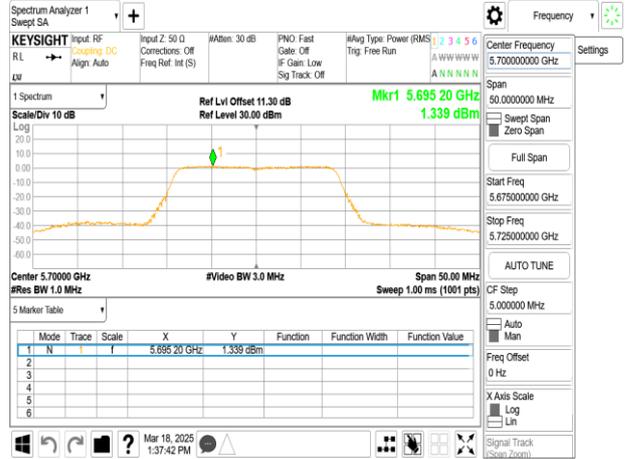
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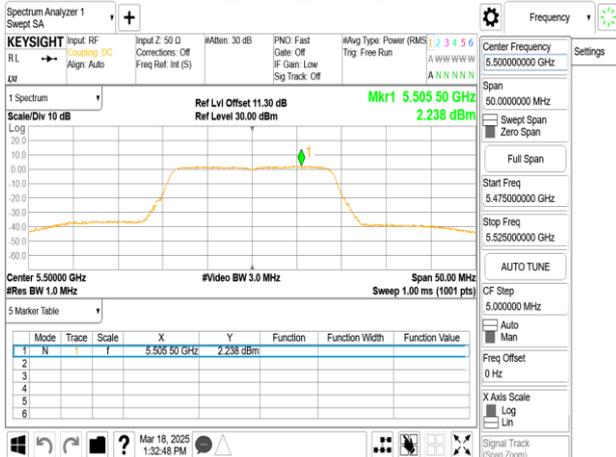
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802.11n\_20MHz\_Chain0\_5700MHz



802.11n\_20MHz\_Chain0\_5500MHz



802.11n\_20MHz\_Chain0\_5720MHz\_UNII 2C

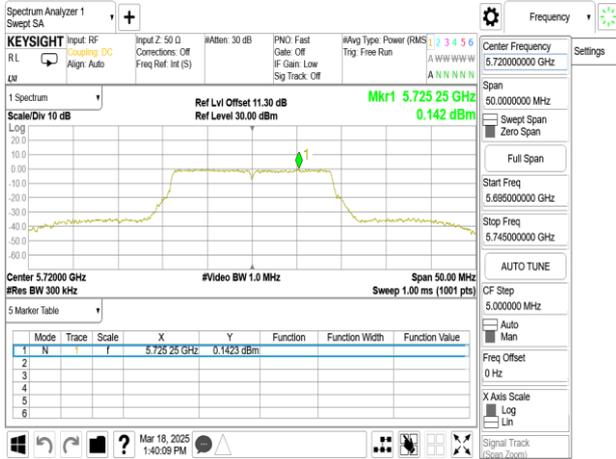


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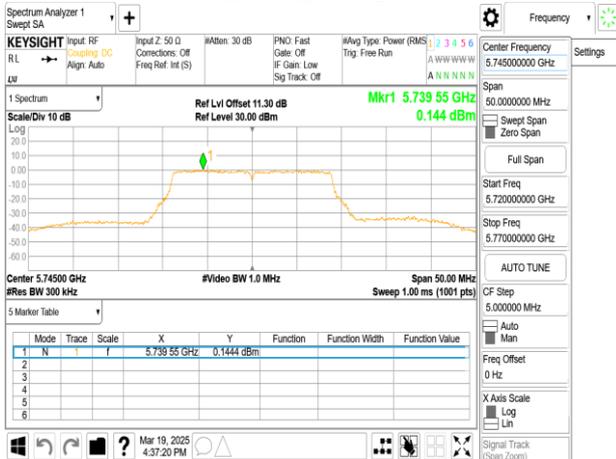
802.11n\_20MHz\_Chain0\_5720MHz\_UNII 3



802.11n\_20MHz\_Chain0\_5825MHz



802.11n\_20MHz\_Chain0\_5745MHz



802.11ac\_20MHz\_Chain0\_5180MHz



802.11n\_20MHz\_Chain0\_5785MHz



802.11ac\_20MHz\_Chain0\_5220MHz



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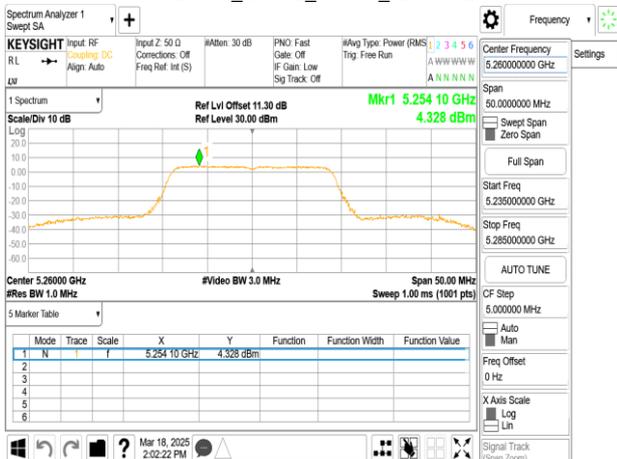
802.11ac\_20MHz\_Chain0\_5240MHz



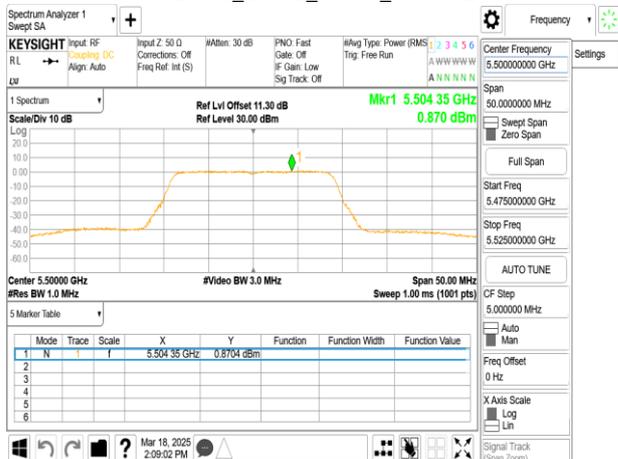
802.11ac\_20MHz\_Chain0\_5320MHz



802.11ac\_20MHz\_Chain0\_5260MHz



802.11ac\_20MHz\_Chain0\_5500MHz



802.11ac\_20MHz\_Chain0\_5300MHz



802.11ac\_20MHz\_Chain0\_5580MHz

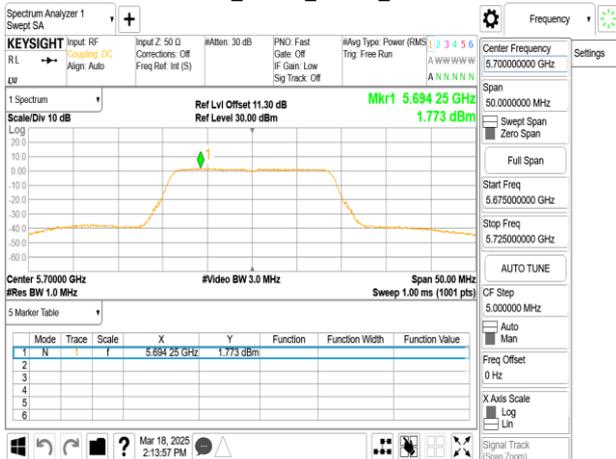


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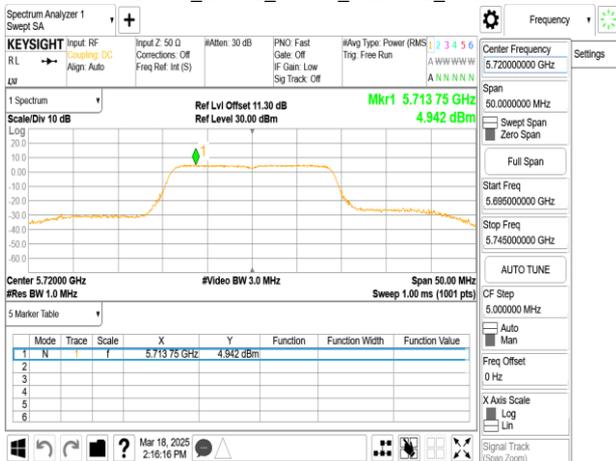
802.11ac\_20MHz\_Chain0\_5700MHz



802.11ac\_20MHz\_Chain0\_5745MHz



802.11ac\_20MHz\_Chain0\_5720MHz\_UNII 2C



802.11ac\_20MHz\_Chain0\_5785MHz



802.11ac\_20MHz\_Chain0\_5720MHz\_UNII 3



802.11ac\_20MHz\_Chain0\_5825MHz



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## 11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

### 11.1 Standard Applicable

$EIRP = (E \cdot d)^2 / 30$ , where  $E$  is the field strength in V/m,  $d$  is the measurement distance (3m),  $EIRP$  is the equivalent isotropically radiated power in Watts.

#### 11.1.1 5150~5850 MHz

Applicable to	Operation Freq. (MHz)	EIRP		Field Strength @ 3m (dBμV/m)
		Freq. (MHz)	Limits (dBm/MHz)	
15.407(b)(1) RSS-247 §6.2.1.2	5150~5250	f ≤ 5150 f ≥ 5350	PK: -27	PK: 68.2
15.407(b)(2) RSS-247 §6.2.2.2	5250~5350			
15.407(b)(3) RSS-247 §6.2.3.2	5475~5725			
15.407(b)(4)(i) RSS-247 §6.2.4.3	5725~5850	at 75 MHz or more above or below the band edge	PK:-27	PK: 68.2
		increasing linearly from 75~25MHz above or below the band edge	PK:-27~10	PK: 68.2~105.2
		increasing linearly from 25~5MHz above or below the band edge	PK:10~15.6	PK: 105.2~110.8
		increasing linearly from 5~0 MHz above or below the band edge	PK: 15.6~27	PK:110.8~122.2

#### 11.1.2 Spurious Emission

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

**Note:**

- The lower limit shall apply at the transition frequencies.

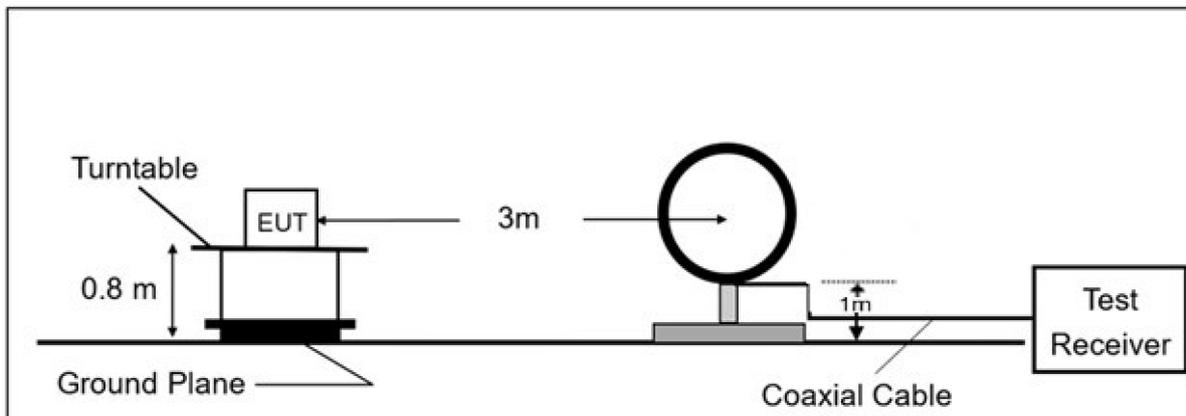
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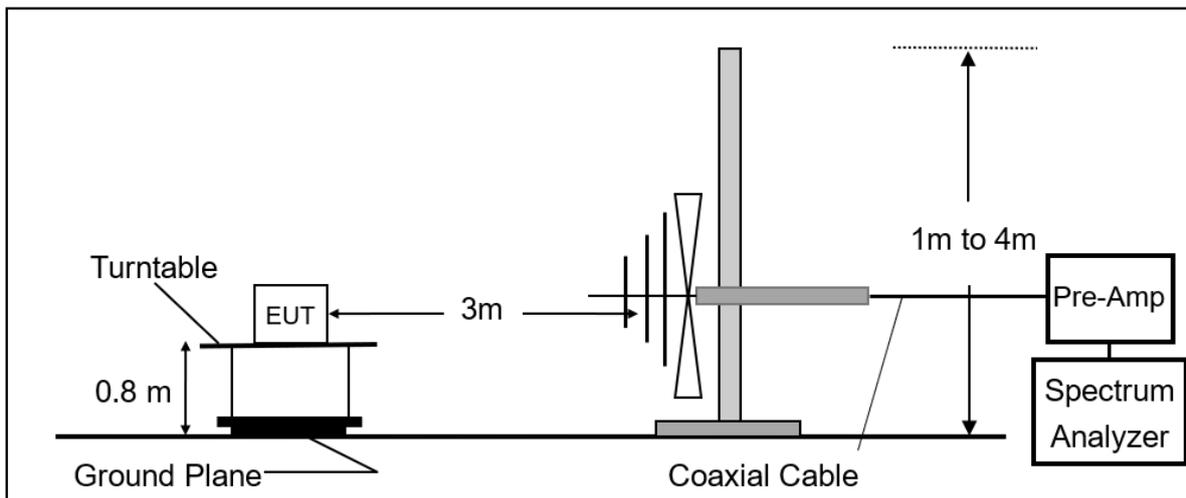
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### 11.2 Test Setup

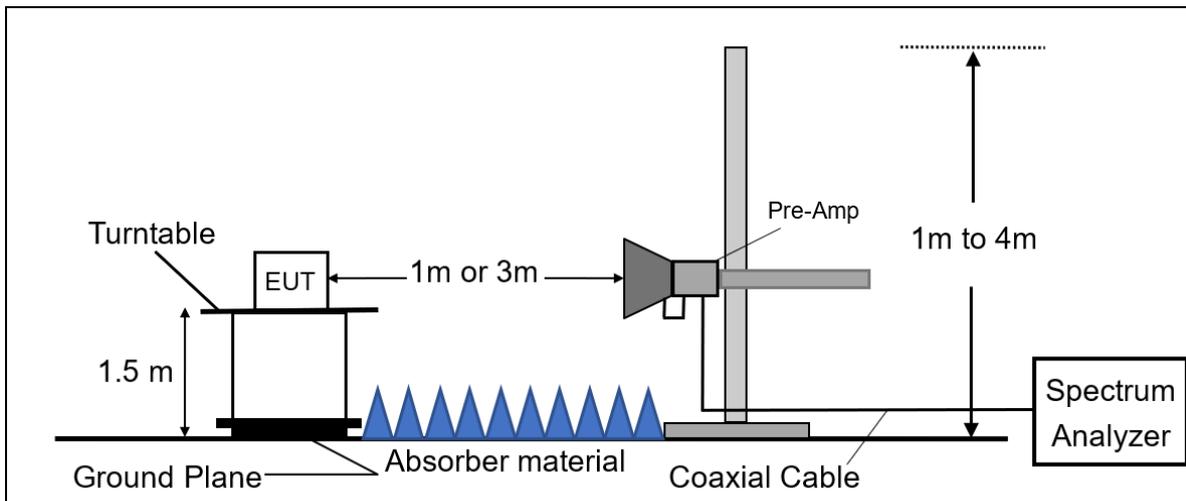
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz



(C) Radiated Emission Test Set-Up, Frequency Above 1GHz



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### 11.3 Measurement Procedure

1. The testing follows FCC KDB 789033 D02.
2. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz
6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= Peak for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= RMS correction factor is  $[10 \log (1 / D)]$  for Average Emission measurements at frequency above 1 GHz.  
If a specific emission is demonstrated to be continuous ( $D \geq 98\%$ ) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission, where D is the duty cycle.
9. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all frequency measured were complete.

### 11.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

**Where** *FS* = Field Strength

*RA* = Reading Amplitude

*AF* = Antenna Factor

*CL* = Cable Attenuation Factor (Cable Loss)

*AG* = Amplifier Gain

*The limit of the emission level is expressed in dBuV/m, which converts  $20 \cdot \log(uV/m)$*

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$Actual\ FS(dB\mu V/m) = SPA.\ Reading\ level(dB\mu V) + Factor(dB)$

$Factor(dB) = Antenna\ Factor(dB/m) + Cable\ Loss(dB) - Pre\_Amplifier\ Gain(dB)$

### 11.5 Test Results of Radiated Spurious Emissions from 9 kHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) was not reported.

Pre-scan was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) was not reported.

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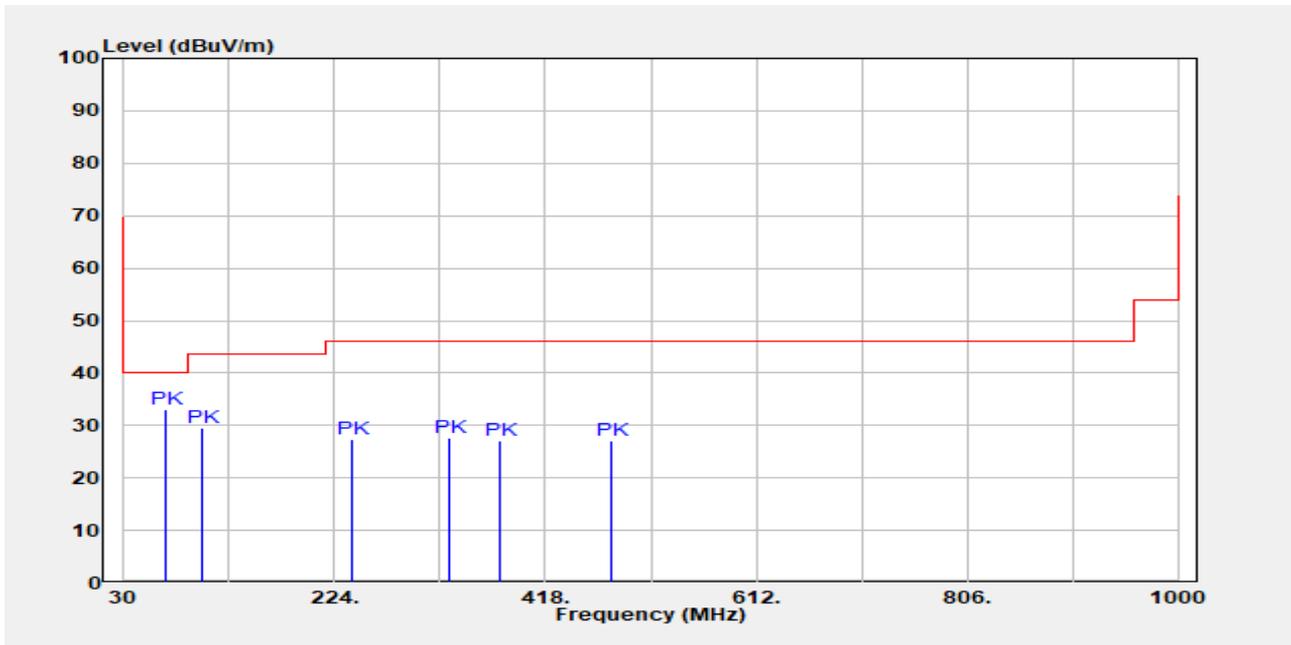
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## 11.6 Radiated Spurious Emission Measurement Result

### 11.6.1 Spurious Emission

Report Number	:TERF2503001003ER	Test Site	:SAC 2
Operation Mode	:802.11a	Test Date	:2025-03-18
Test Frequency	:5220 MHz	Temp./Humi.	:23.1°C/39%
Test Mode	:Tx	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
68.80	Peak	47.75	-14.78	32.97	40.00	-7.03
102.75	Peak	46.56	-17.03	29.53	43.50	-13.97
239.52	Peak	41.36	-14.05	27.31	46.00	-18.69
328.76	Peak	38.51	-10.83	27.68	46.00	-18.32
375.32	Peak	36.78	-9.68	27.10	46.00	-18.90
479.11	Peak	34.22	-7.06	27.16	46.00	-18.84

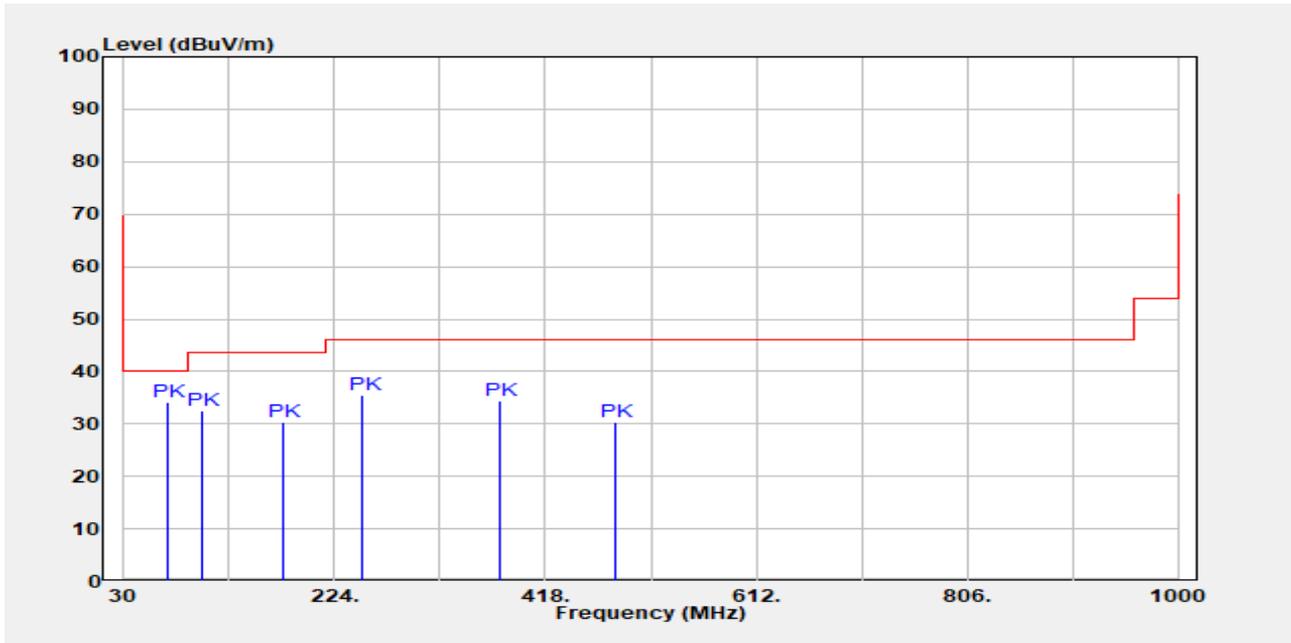
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5220 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
69.77	Peak	49.12	-15.04	34.08	40.00	-5.92
101.78	Peak	49.46	-17.06	32.40	43.50	-11.10
176.47	Peak	43.95	-13.58	30.37	43.50	-13.13
250.19	Peak	49.15	-13.67	35.48	46.00	-10.52
375.32	Peak	44.20	-9.68	34.52	46.00	-11.48
482.99	Peak	37.48	-7.02	30.46	46.00	-15.54

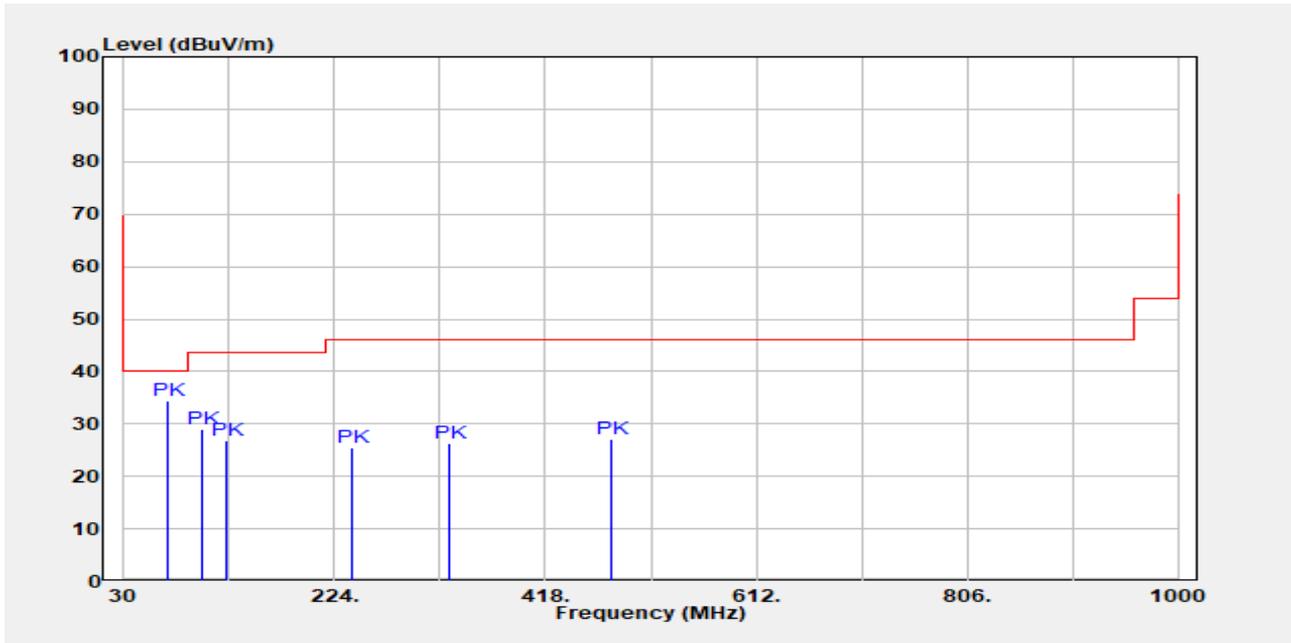
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5300 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
69.77	Peak	49.51	-15.04	34.47	40.00	-5.53
102.75	Peak	45.93	-17.03	28.90	43.50	-14.60
125.06	Peak	41.59	-14.69	26.90	43.50	-16.60
240.49	Peak	39.47	-13.99	25.48	46.00	-20.52
328.76	Peak	37.15	-10.83	26.32	46.00	-19.68
478.14	Peak	34.22	-7.09	27.13	46.00	-18.87

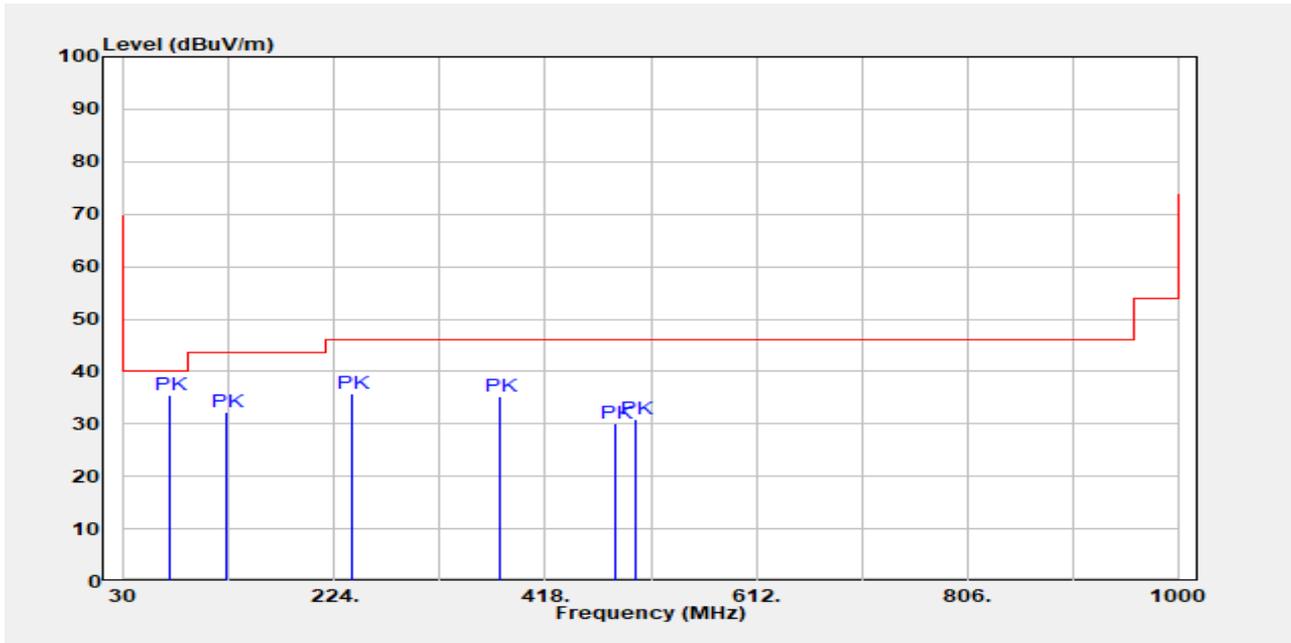
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5300 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
71.71	Peak	50.46	-15.05	35.41	40.00	-4.59
125.06	Peak	46.86	-14.69	32.17	43.50	-11.33
240.49	Peak	49.72	-13.99	35.73	46.00	-10.27
375.32	Peak	44.81	-9.68	35.13	46.00	-10.87
482.02	Peak	37.24	-7.03	30.21	46.00	-15.79
500.45	Peak	37.61	-6.73	30.88	46.00	-15.12

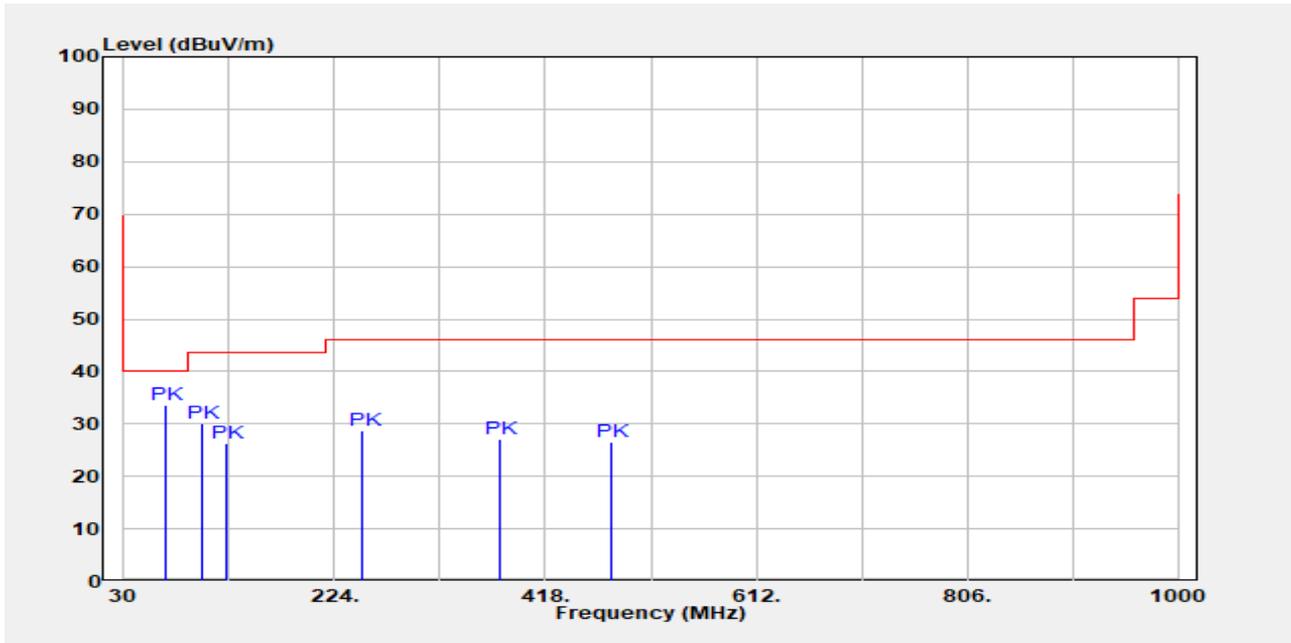
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5580 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
67.83	Peak	47.99	-14.31	33.68	40.00	-6.32
101.78	Peak	47.05	-17.06	29.99	43.50	-13.51
125.06	Peak	41.06	-14.69	26.37	43.50	-17.13
250.19	Peak	42.31	-13.67	28.64	46.00	-17.36
375.32	Peak	36.88	-9.68	27.20	46.00	-18.80
479.11	Peak	33.58	-7.06	26.52	46.00	-19.48

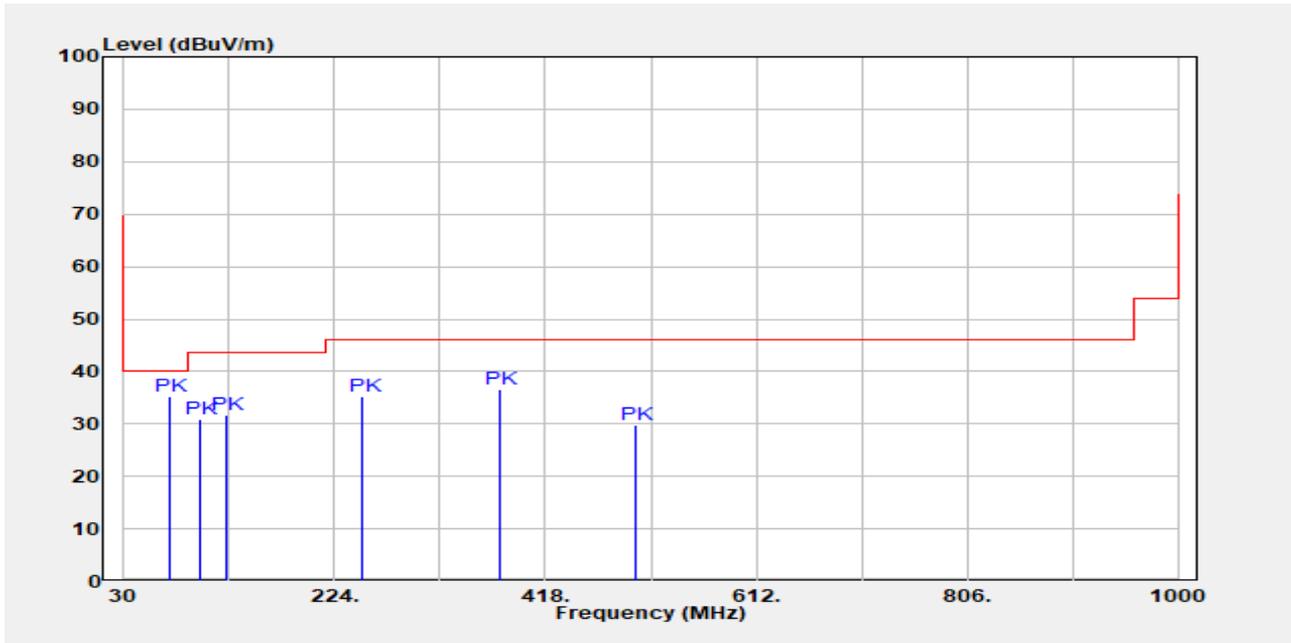
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5580 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
71.71	Peak	50.30	-15.05	35.25	40.00	-4.75
100.81	Peak	48.07	-17.19	30.88	43.50	-12.62
125.06	Peak	46.35	-14.69	31.66	43.50	-11.84
250.19	Peak	48.79	-13.67	35.12	46.00	-10.88
375.32	Peak	46.20	-9.68	36.52	46.00	-9.48
500.45	Peak	36.54	-6.73	29.81	46.00	-16.19

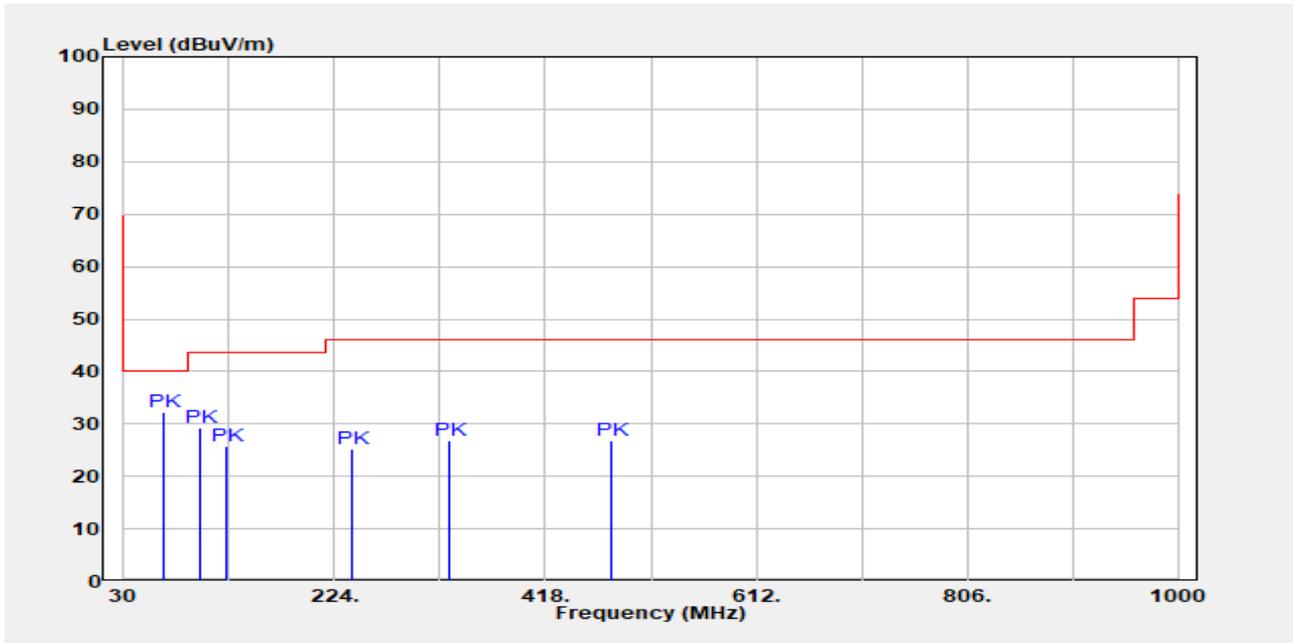
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5785 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
66.86	Peak	46.76	-14.40	32.36	40.00	-7.64
100.81	Peak	46.50	-17.19	29.31	43.50	-14.19
125.06	Peak	40.49	-14.69	25.80	43.50	-17.70
240.49	Peak	39.31	-13.99	25.32	46.00	-20.68
328.76	Peak	37.57	-10.83	26.74	46.00	-19.26
478.14	Peak	34.02	-7.09	26.93	46.00	-19.07

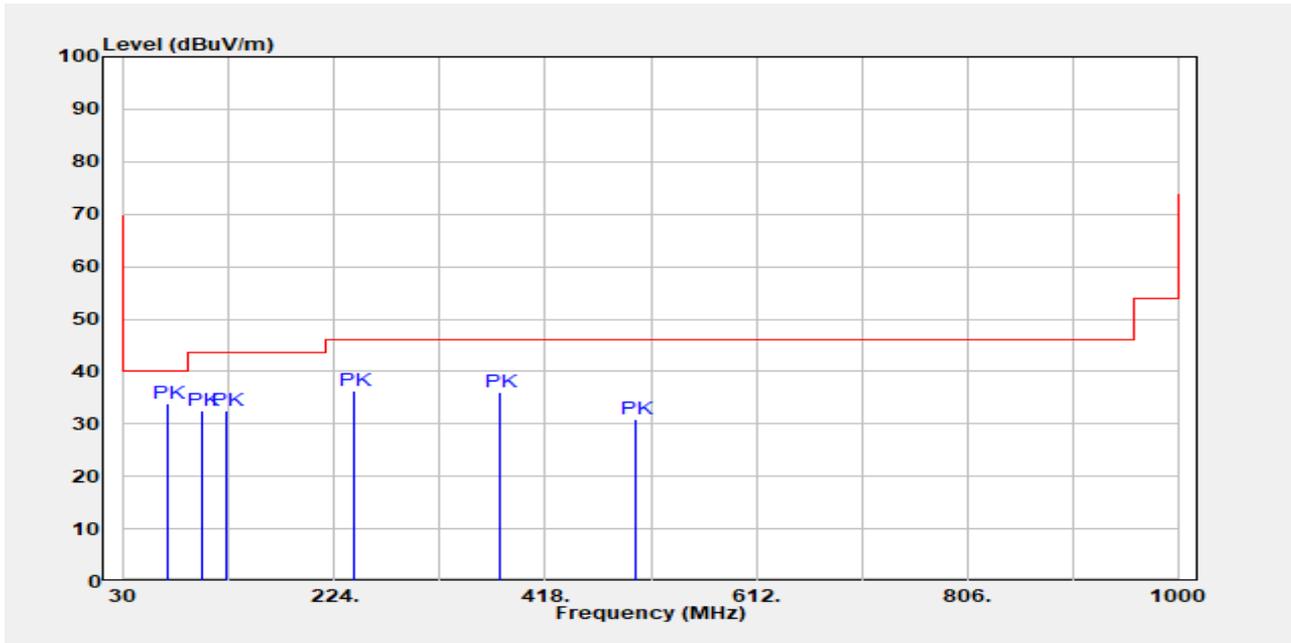
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5785 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
69.77	Peak	48.92	-15.04	33.88	40.00	-6.12
101.78	Peak	49.57	-17.06	32.51	43.50	-10.99
125.06	Peak	47.12	-14.69	32.43	43.50	-11.07
241.46	Peak	50.22	-13.95	36.27	46.00	-9.73
375.32	Peak	45.85	-9.68	36.17	46.00	-9.83
500.45	Peak	37.61	-6.73	30.88	46.00	-15.12

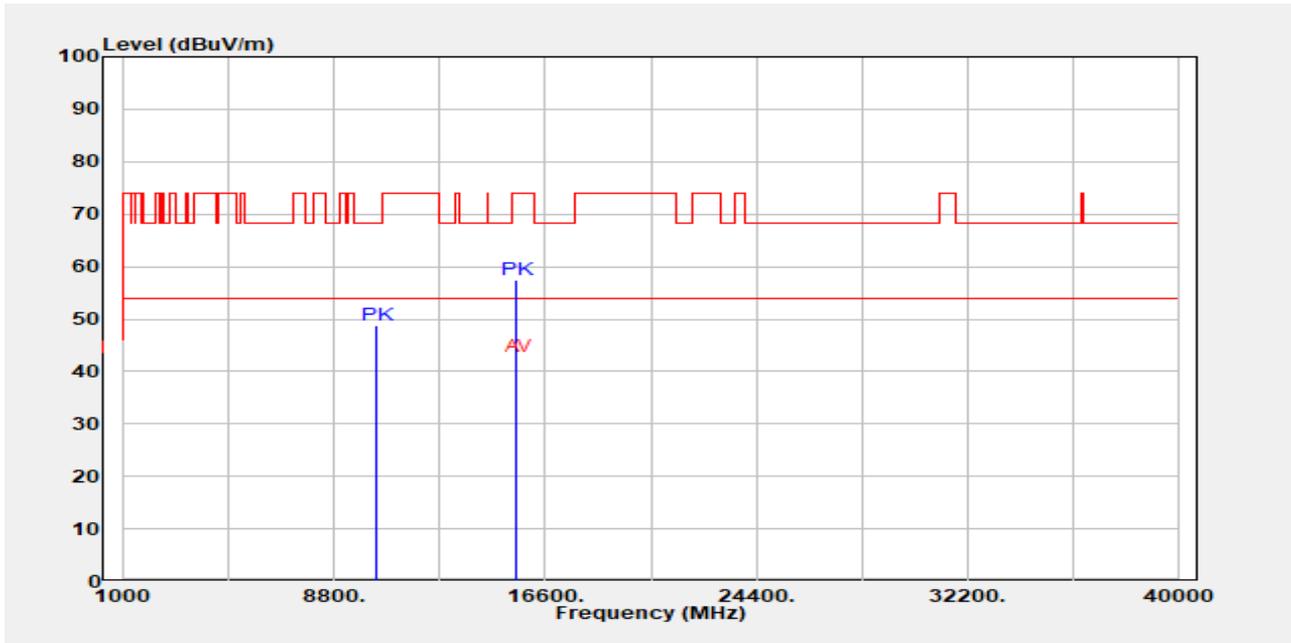
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5180 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.00	Peak	41.70	7.09	48.79	68.20	-19.41
15540.00	Peak	47.73	9.76	57.49	74.00	-16.51
15540.00	Average	33.01	9.76	42.77	54.00	-11.23

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

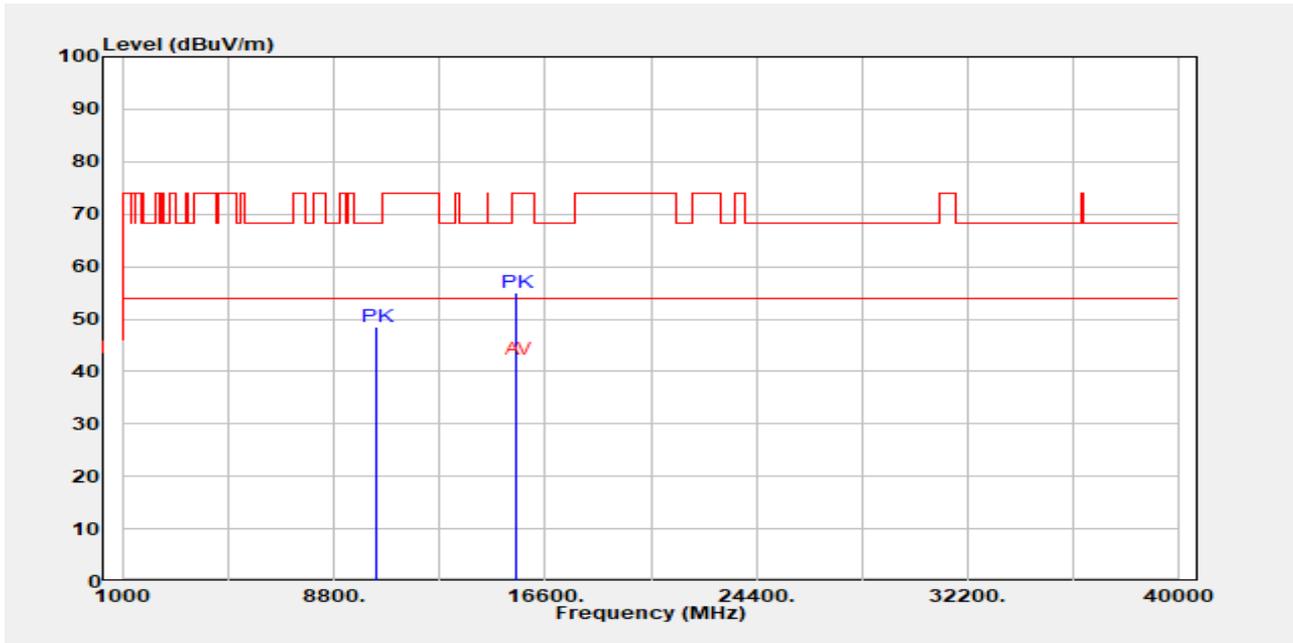
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5180 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.00	Peak	42.11	7.09	49.20	68.20	-19.00
15540.00	Peak	45.98	9.76	55.74	74.00	-18.26
15540.00	Average	33.33	9.76	43.09	54.00	-10.91

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

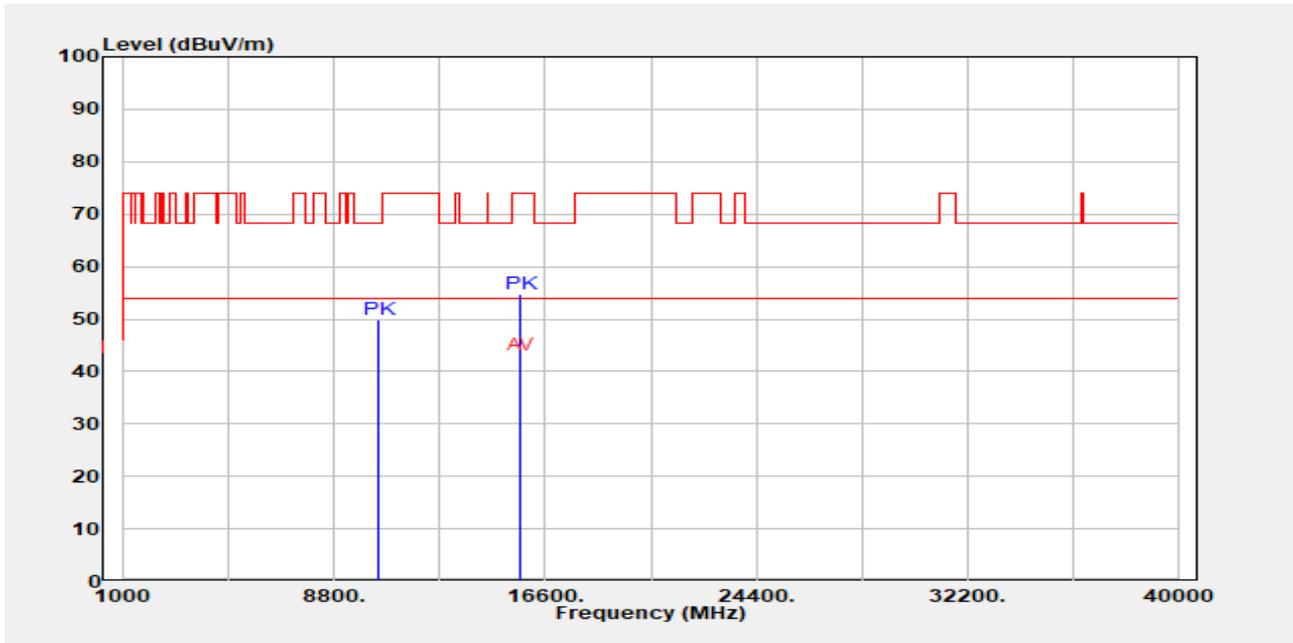
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10440.00	Peak	42.99	6.91	49.90	68.20	-18.30
15660.00	Peak	45.13	9.66	54.79	74.00	-19.21
15660.00	Average	33.46	9.66	43.12	54.00	-10.88

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

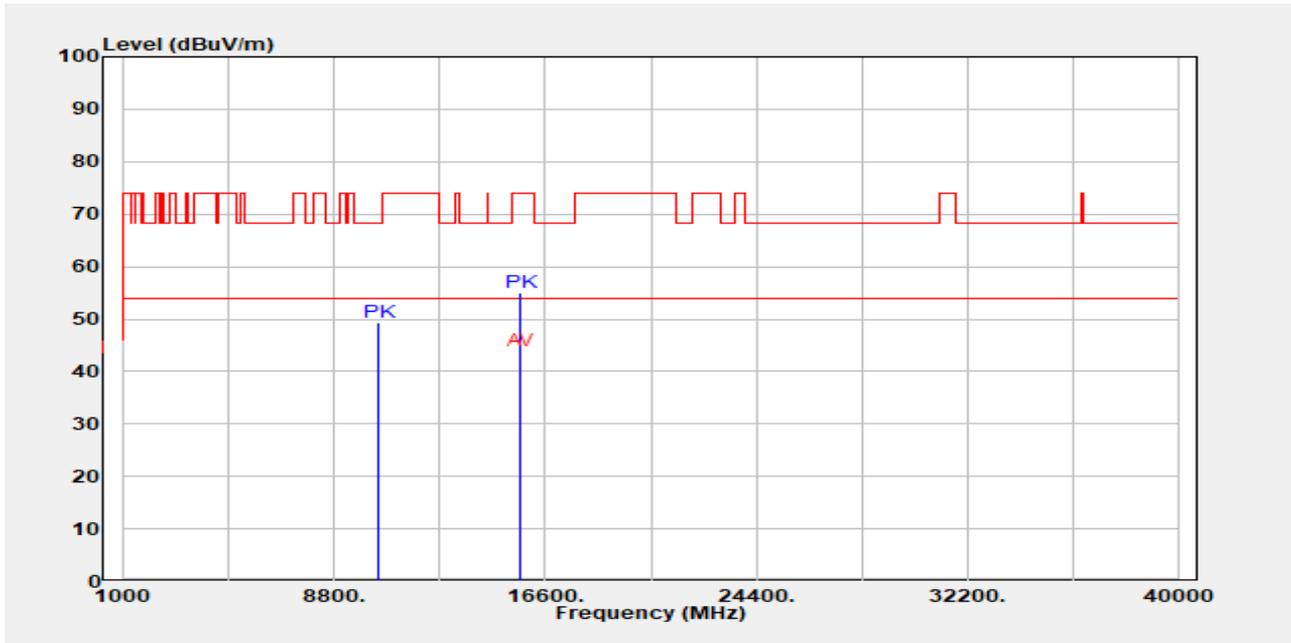
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5220 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10440.00	Peak	42.41	6.91	49.32	68.20	-18.88
15660.00	Peak	45.22	9.66	54.88	74.00	-19.12
15660.00	Average	34.23	9.66	43.89	54.00	-10.11

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

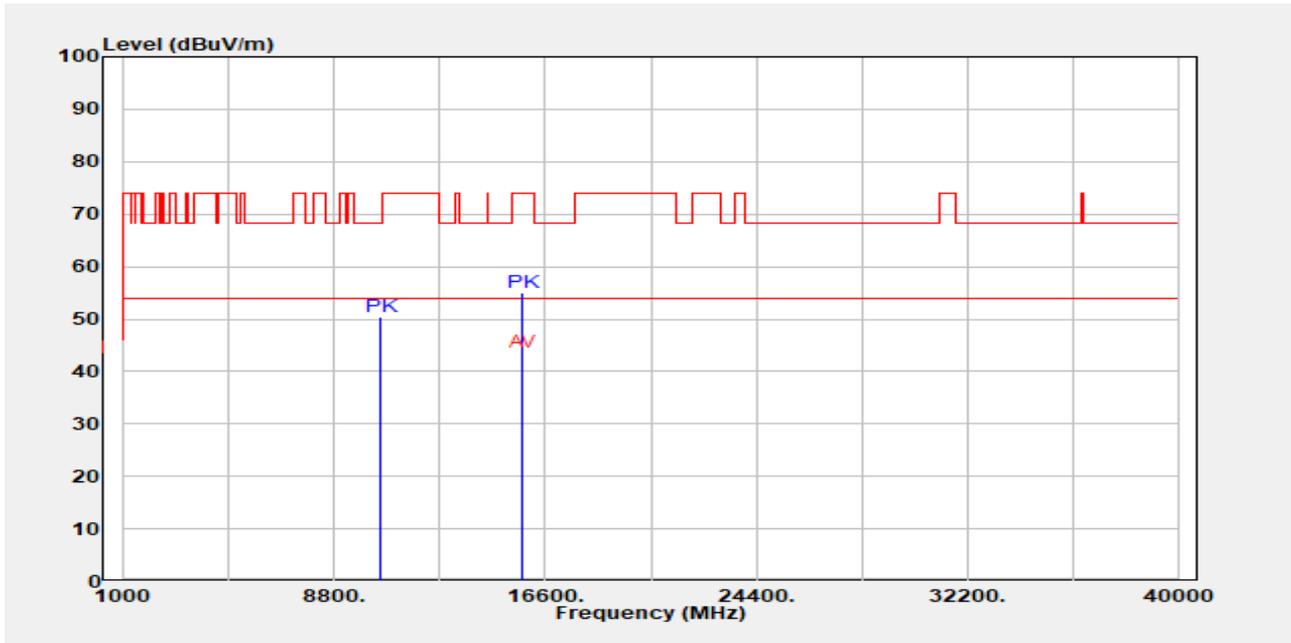
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5240 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.00	Peak	43.51	6.91	50.42	68.20	-17.78
15720.00	Peak	45.09	9.99	55.08	74.00	-18.92
15720.00	Average	33.53	9.99	43.52	54.00	-10.48

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

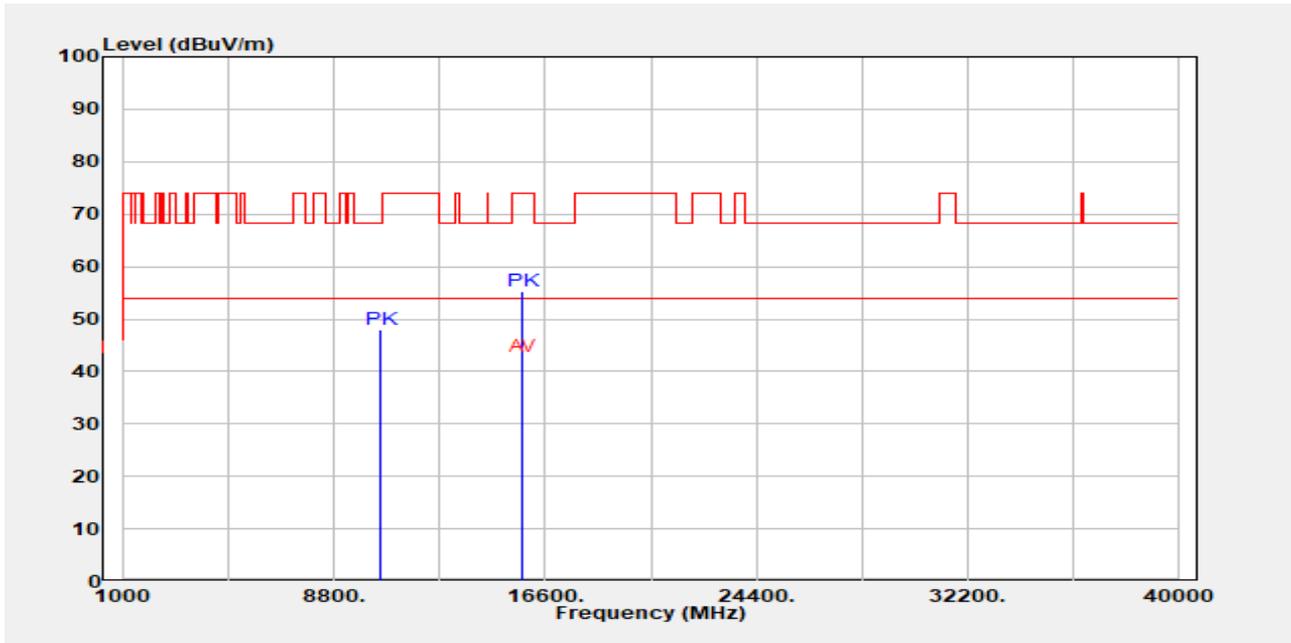
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5240 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10480.00	Peak	41.04	6.91	47.95	68.20	-20.25
15720.00	Peak	45.36	9.99	55.35	74.00	-18.65
15720.00	Average	32.96	9.99	42.95	54.00	-11.05

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

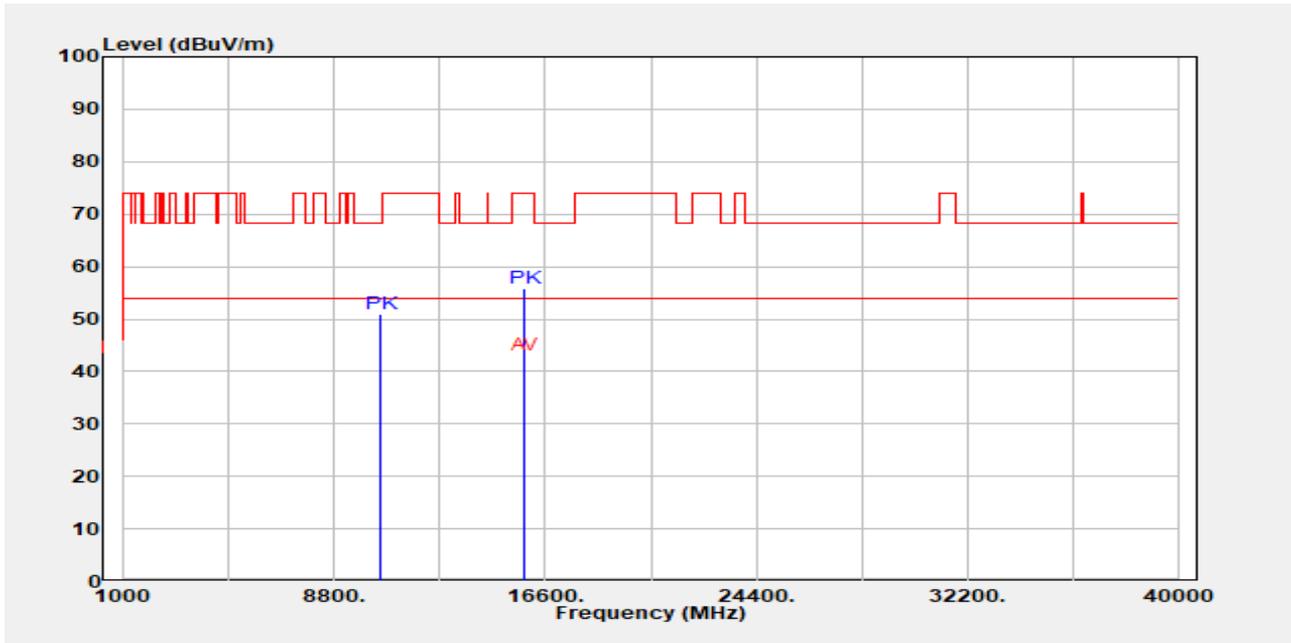
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5260 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10520.00	Peak	43.97	6.91	50.88	68.20	-17.32
15780.00	Peak	45.51	10.39	55.90	74.00	-18.10
15780.00	Average	32.74	10.39	43.13	54.00	-10.87

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

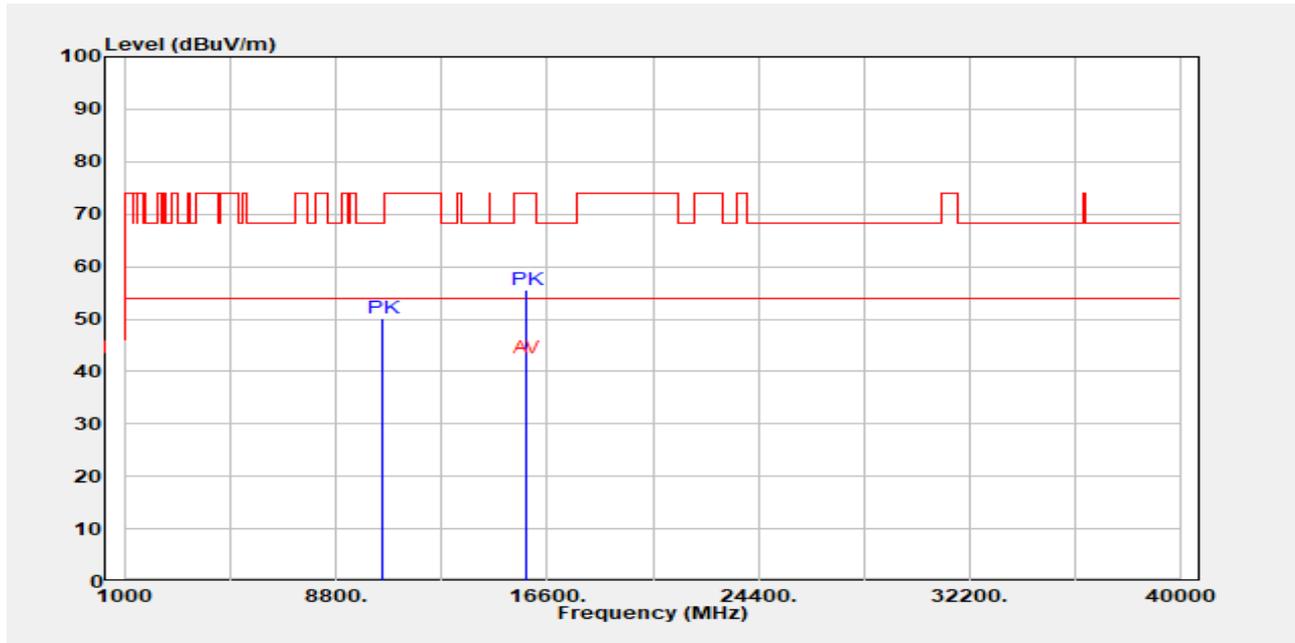
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.00	Peak	43.29	6.91	50.20	68.20	-18.00
15780.00	Peak	45.10	10.39	55.49	74.00	-18.51
15780.00	Average	32.27	10.39	42.66	54.00	-11.34

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

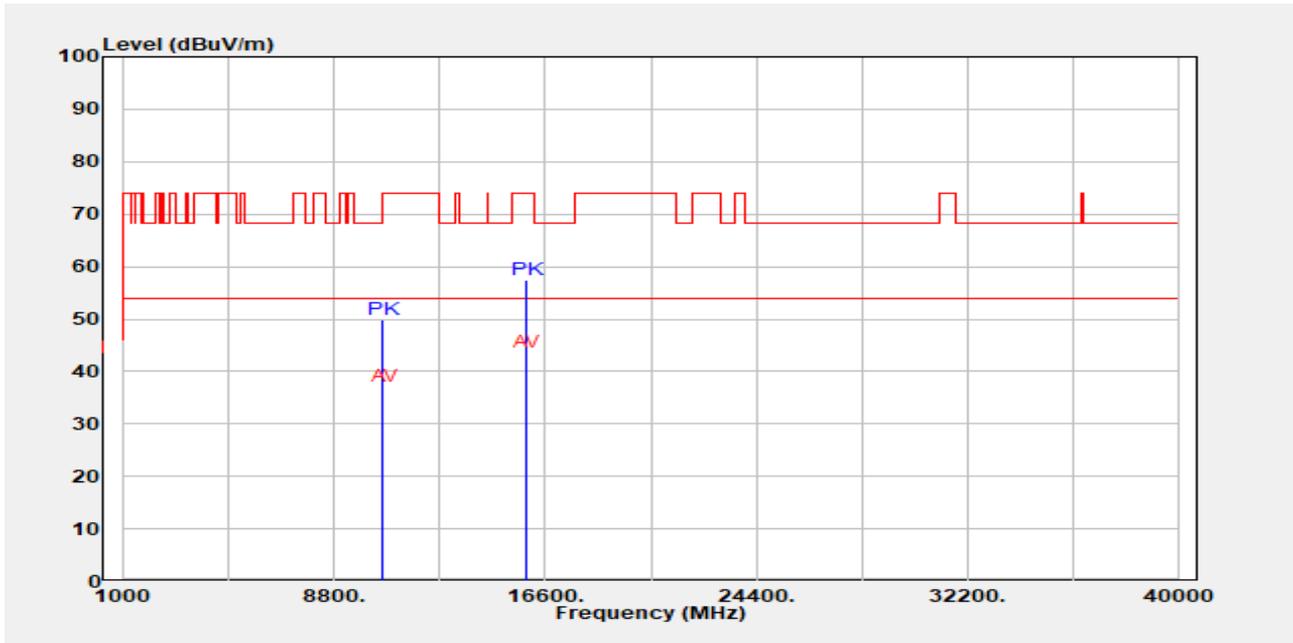
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
10600.00	Peak	42.88	6.87	49.75	74.00	-24.25
10600.00	Average	30.34	6.87	37.21	54.00	-16.79
15900.00	Peak	46.79	10.58	57.37	74.00	-16.63
15900.00	Average	33.18	10.58	43.76	54.00	-10.24

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

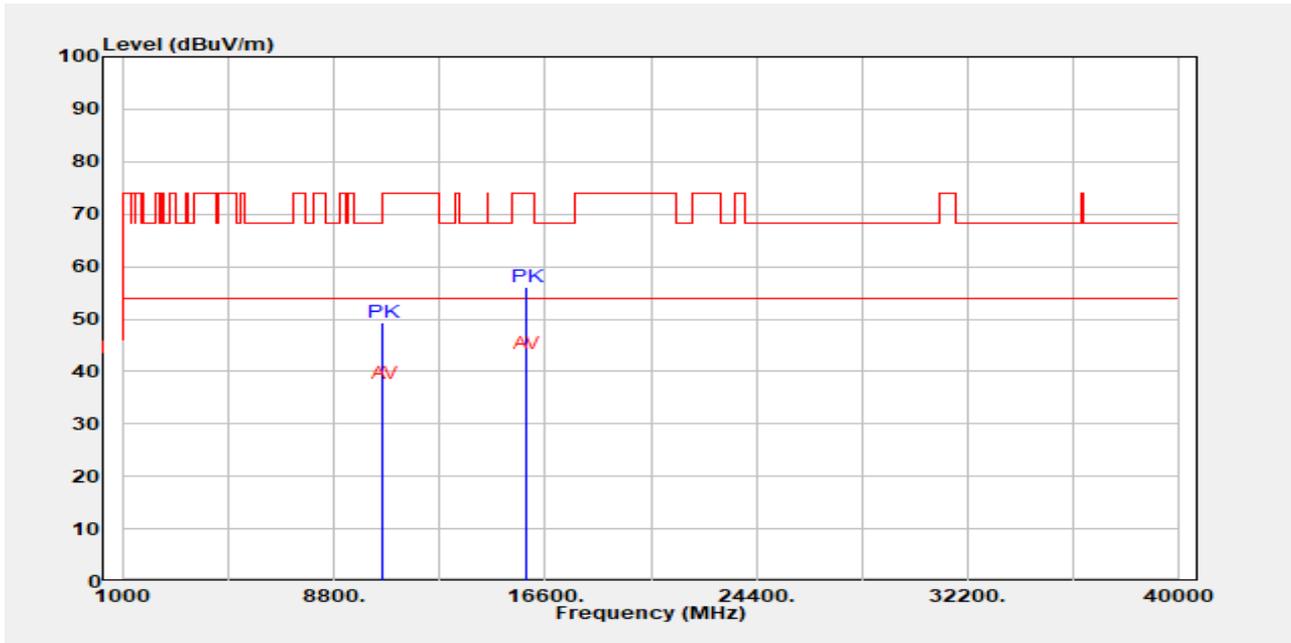
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Peak	42.55	6.87	49.42	74.00	-24.58
10600.00	Average	30.73	6.87	37.60	54.00	-16.40
15900.00	Peak	45.46	10.58	56.04	74.00	-17.96
15900.00	Average	32.78	10.58	43.36	54.00	-10.64

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

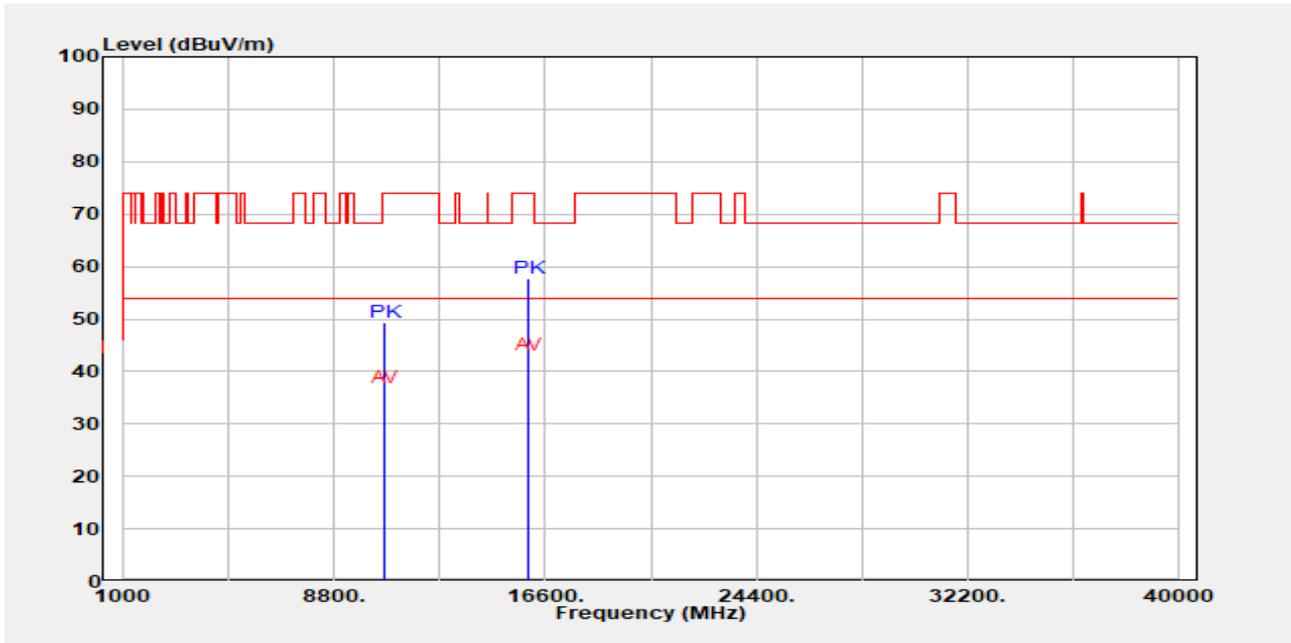
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5320 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
10640.00	Peak	42.32	6.97	49.29	74.00	-24.71
10640.00	Average	29.76	6.97	36.73	54.00	-17.27
15960.00	Peak	47.16	10.46	57.62	74.00	-16.38
15960.00	Average	32.53	10.46	42.99	54.00	-11.01

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

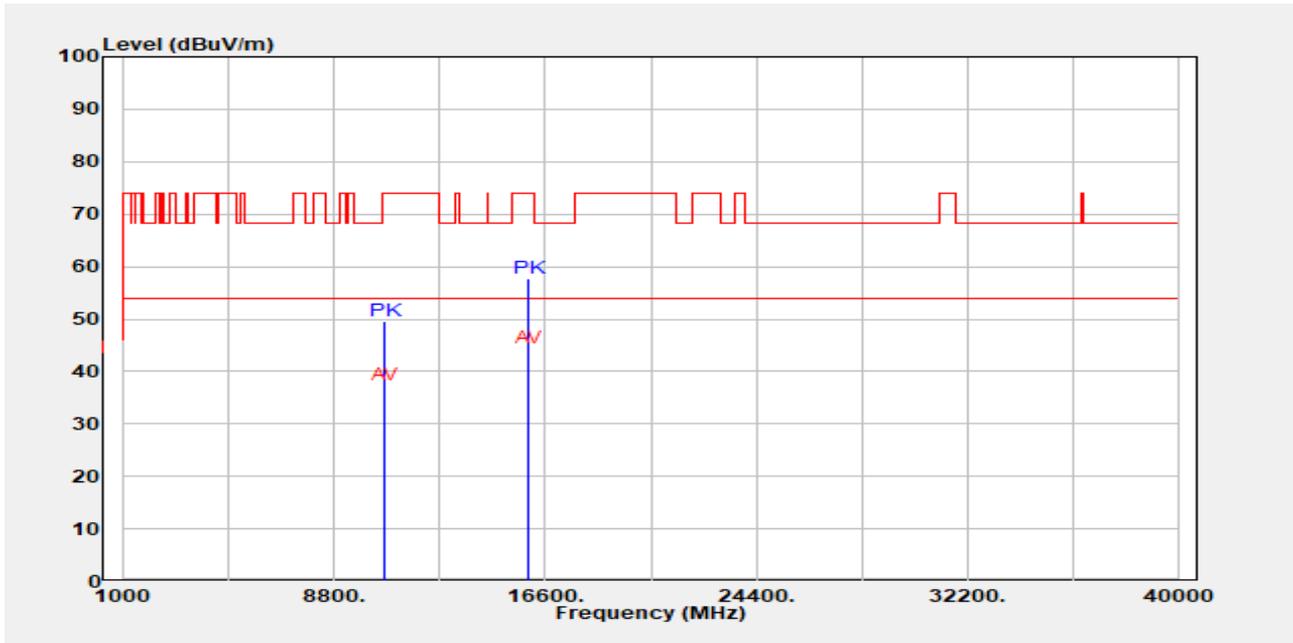
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
10640.00	Peak	42.69	6.97	49.66	74.00	-24.34
10640.00	Average	30.54	6.97	37.51	54.00	-16.49
15960.00	Peak	47.18	10.46	57.64	74.00	-16.36
15960.00	Average	34.10	10.46	44.56	54.00	-9.44

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

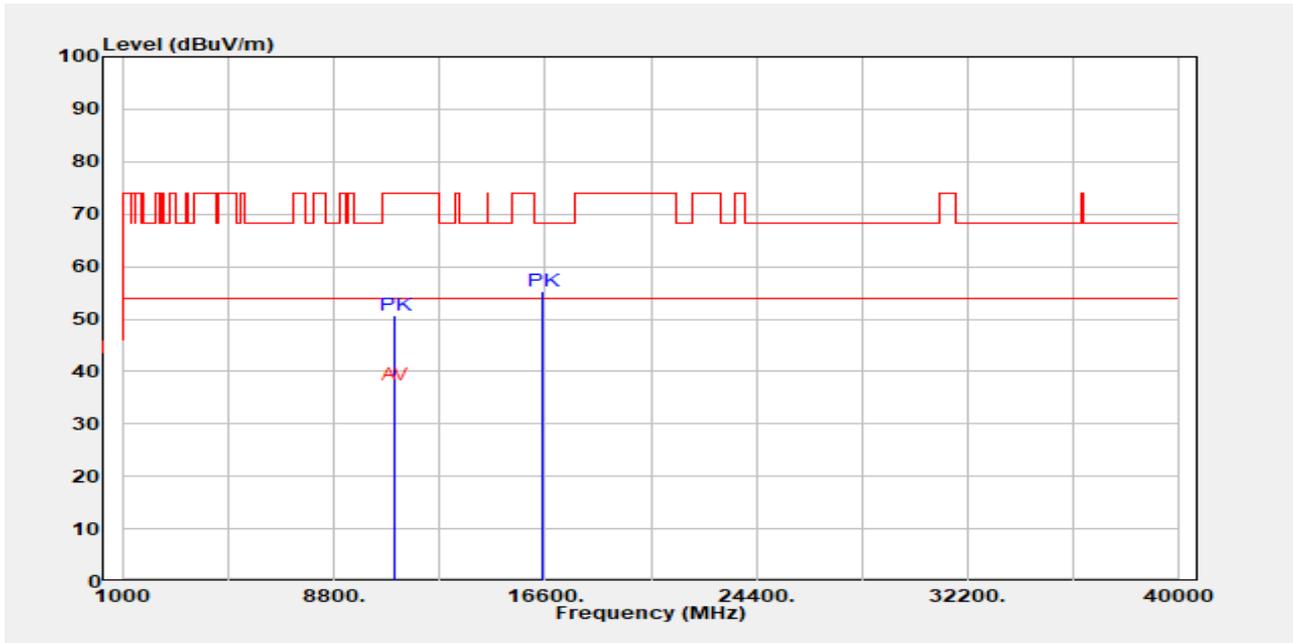
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5500 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11000.00	Peak	43.13	7.42	50.55	74.00	-23.45
11000.00	Average	29.91	7.42	37.33	54.00	-16.67
16500.00	Peak	44.63	10.65	55.28	68.20	-12.92

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

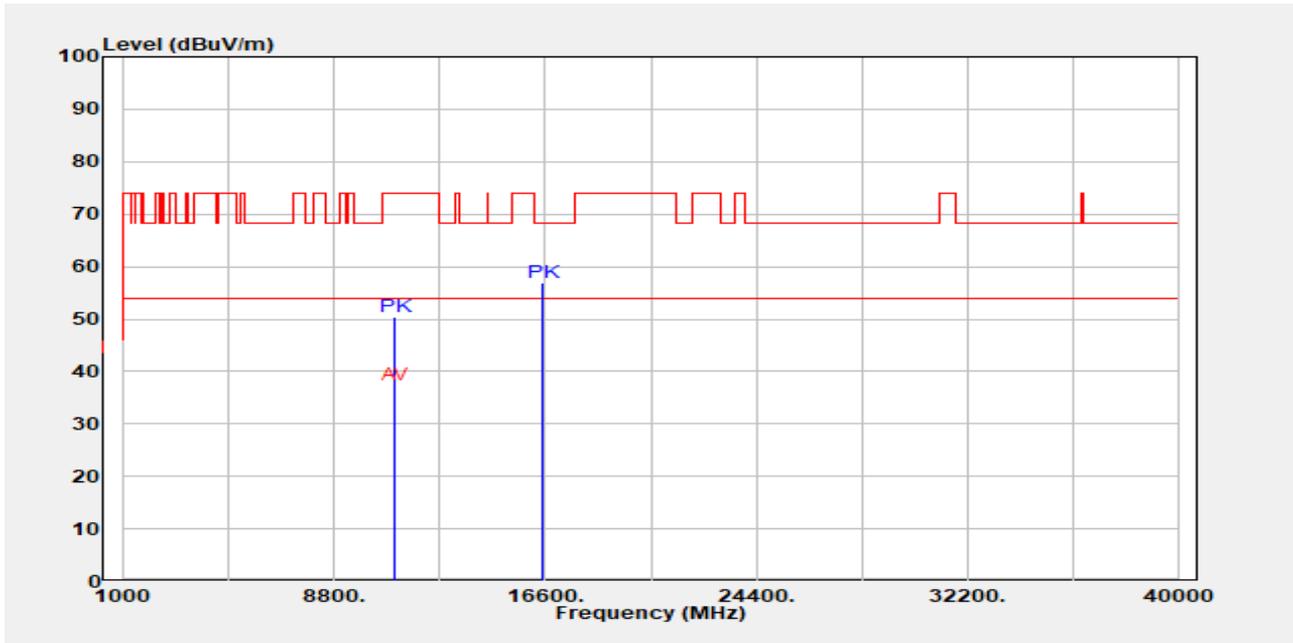
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5500 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11000.00	Peak	43.12	7.42	50.54	74.00	-23.46
11000.00	Average	29.91	7.42	37.33	54.00	-16.67
16500.00	Peak	46.39	10.65	57.04	68.20	-11.16

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

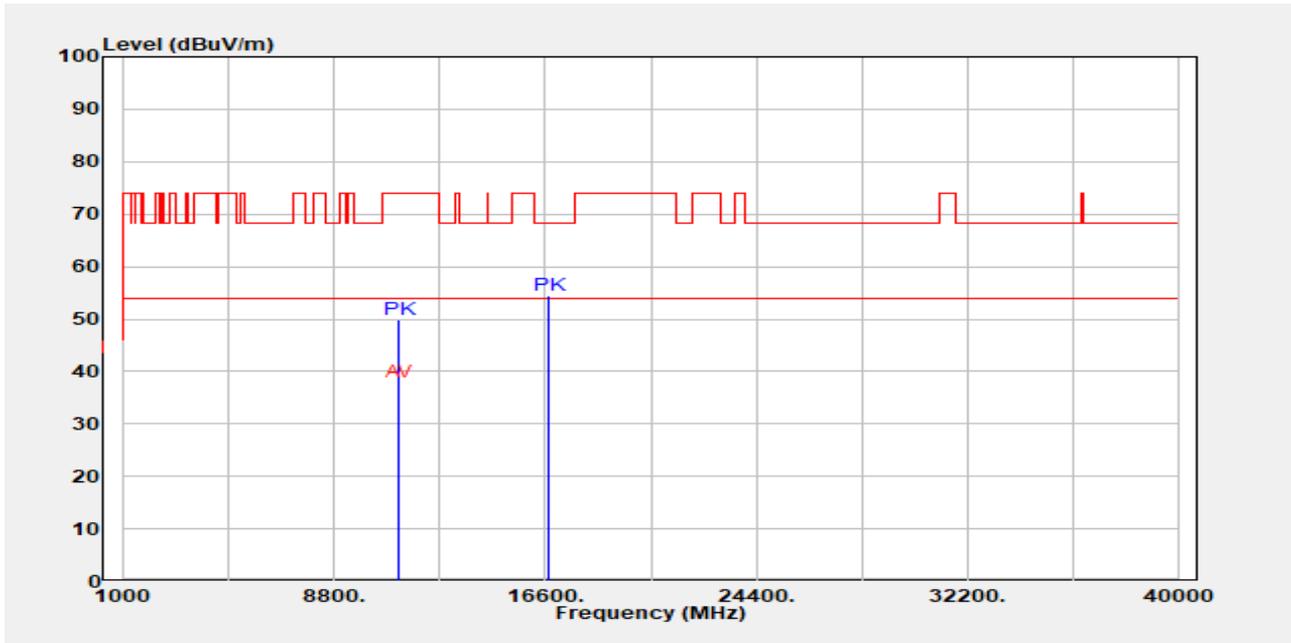
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5580 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11160.00	Peak	42.15	7.79	49.94	74.00	-24.06
11160.00	Average	30.16	7.79	37.95	54.00	-16.05
16740.00	Peak	44.52	9.90	54.42	68.20	-13.78

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

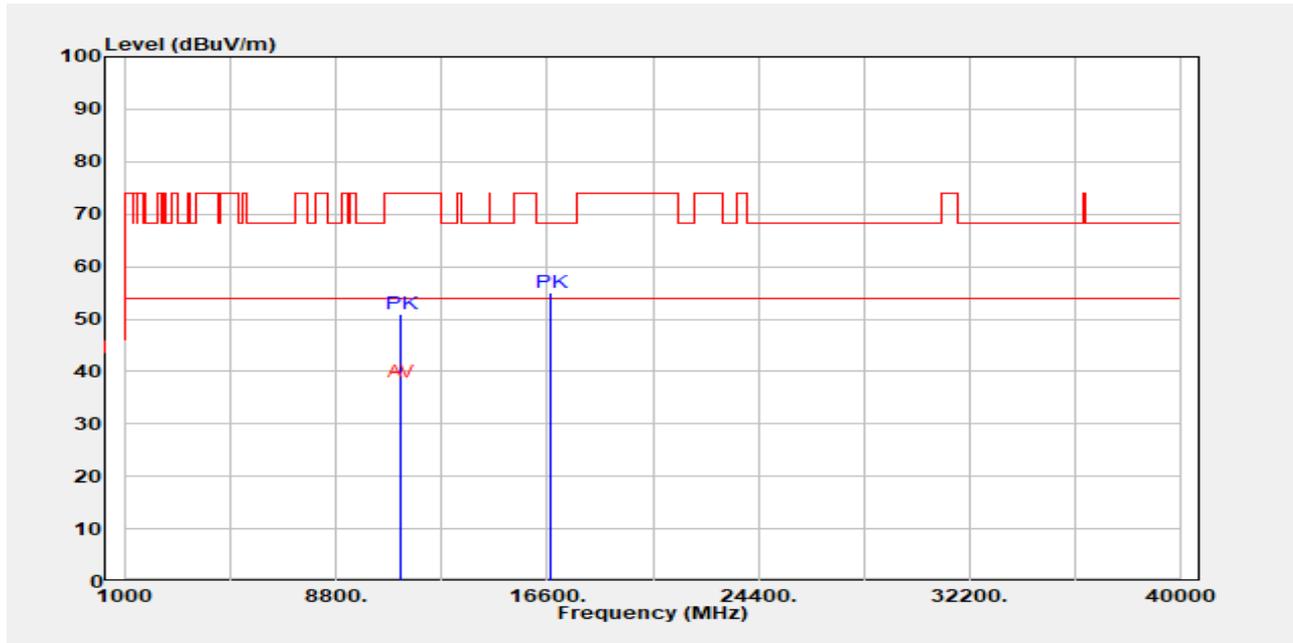
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5580 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-18  
Temp./Humi. :23.1°C/39%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11160.00	Peak	43.05	7.79	50.84	74.00	-23.16
11160.00	Average	30.25	7.79	38.04	54.00	-15.96
16740.00	Peak	45.04	9.90	54.94	68.20	-13.26

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

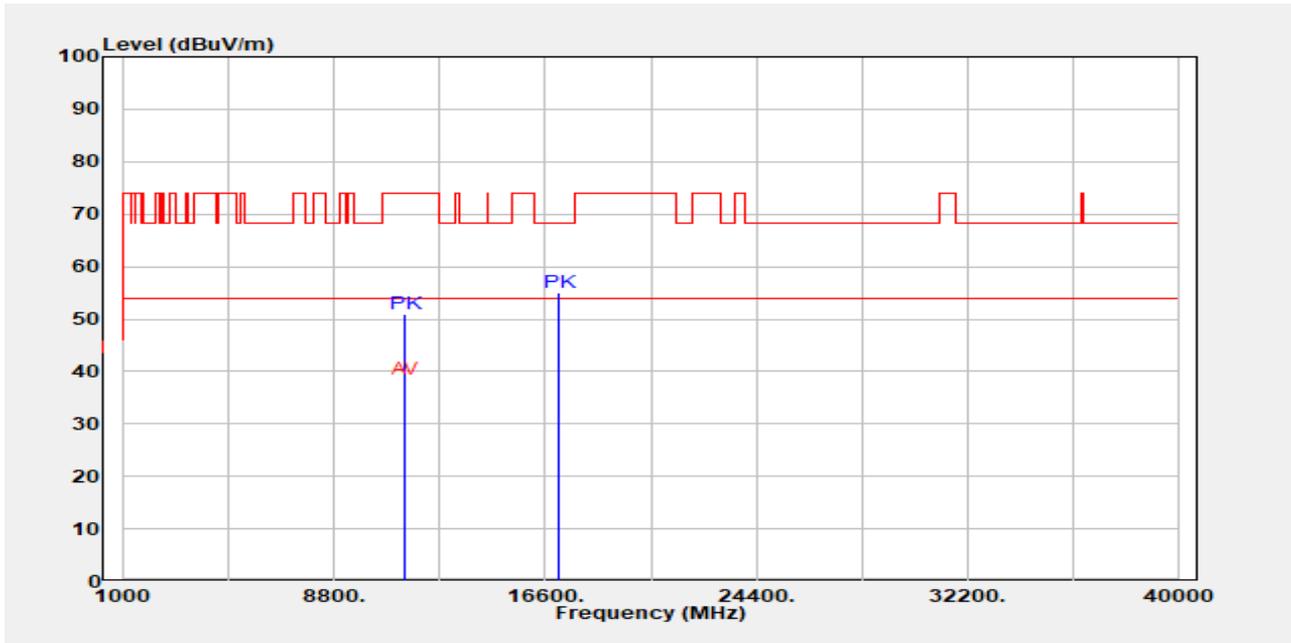
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5700 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11400.00	Peak	42.92	8.11	51.03	74.00	-22.97
11400.00	Average	30.50	8.11	38.61	54.00	-15.39
17100.00	Peak	45.10	9.83	54.93	68.20	-13.27

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

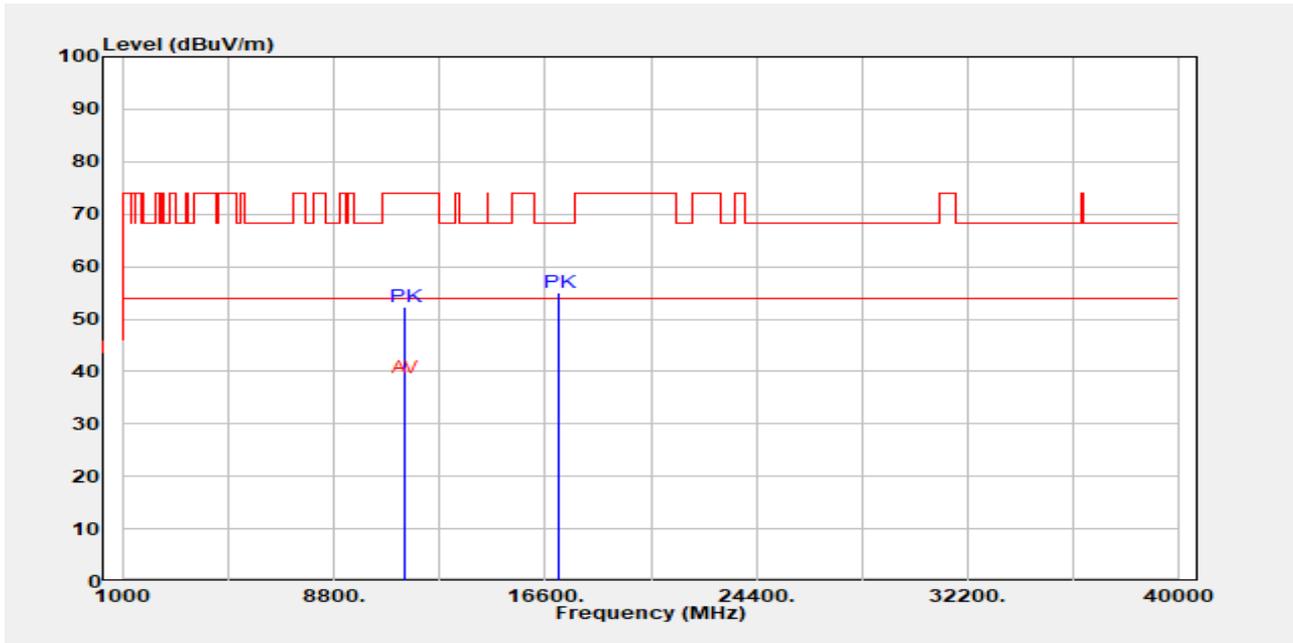
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5700 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-18  
 Temp./Humi. :23.1°C/39%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11400.00	Peak	44.10	8.11	52.21	74.00	-21.79
11400.00	Average	30.60	8.11	38.71	54.00	-15.29
17100.00	Peak	45.16	9.83	54.99	68.20	-13.21

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

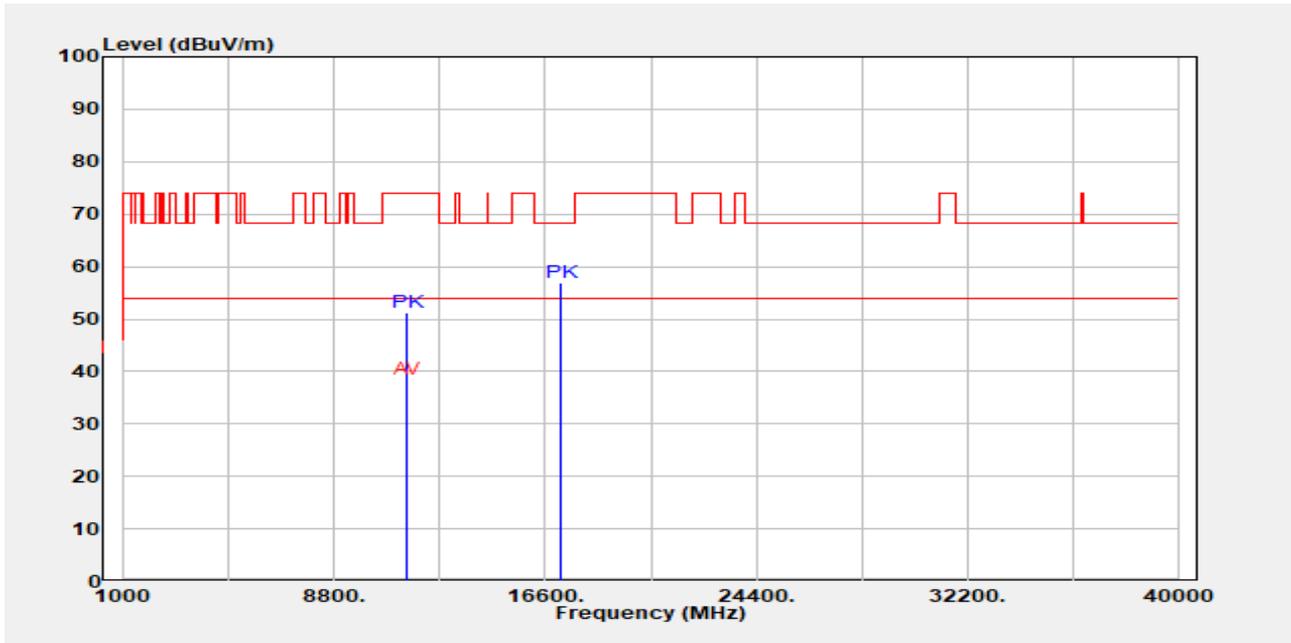
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5720 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11440.00	Peak	43.06	8.18	51.24	74.00	-22.76
11440.00	Average	30.41	8.18	38.59	54.00	-15.41
17160.00	Peak	47.24	9.67	56.91	68.20	-11.29

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

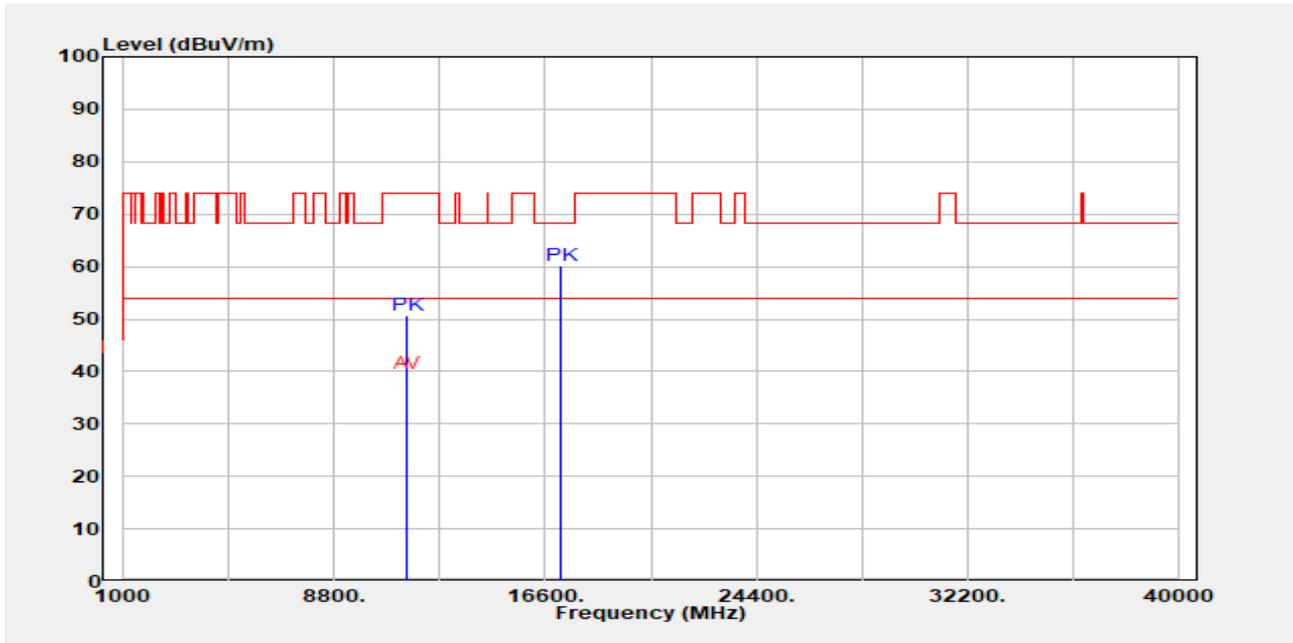
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5720 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11440.00	Peak	42.56	8.18	50.74	74.00	-23.26
11440.00	Average	31.29	8.18	39.47	54.00	-14.53
17160.00	Peak	50.48	9.67	60.15	68.20	-8.05

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

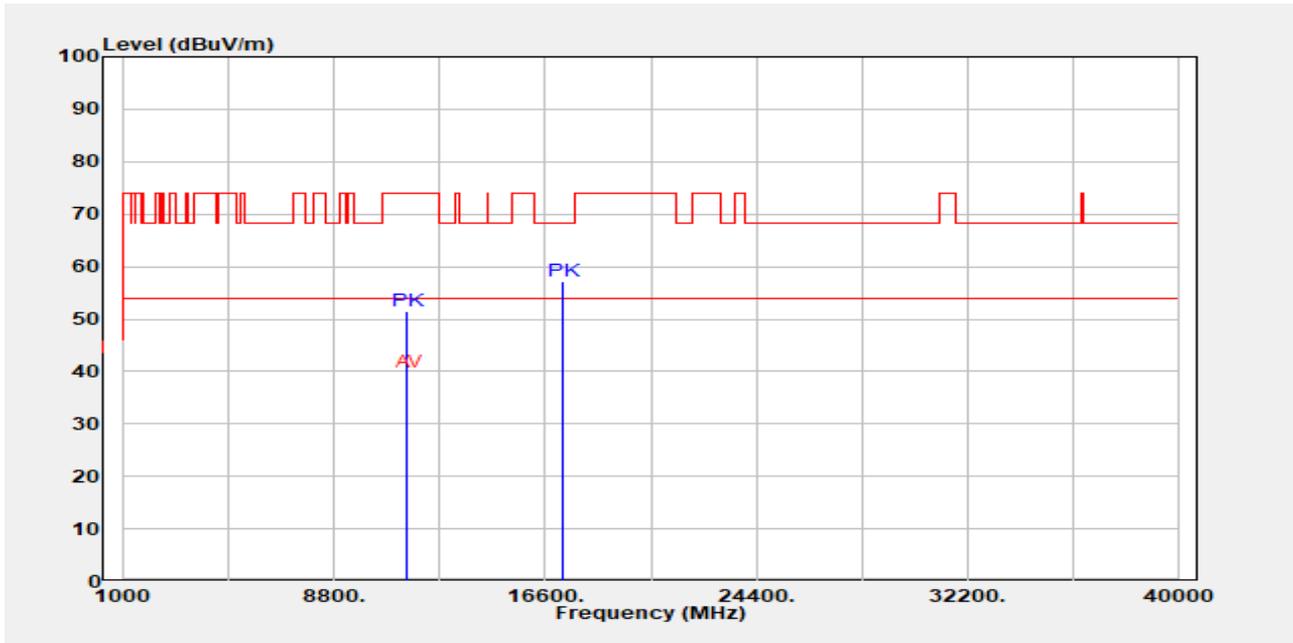
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5745 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Peak	43.06	8.30	51.36	74.00	-22.64
11490.00	Average	31.45	8.30	39.75	54.00	-14.25
17235.00	Peak	47.92	9.38	57.30	68.20	-10.90

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

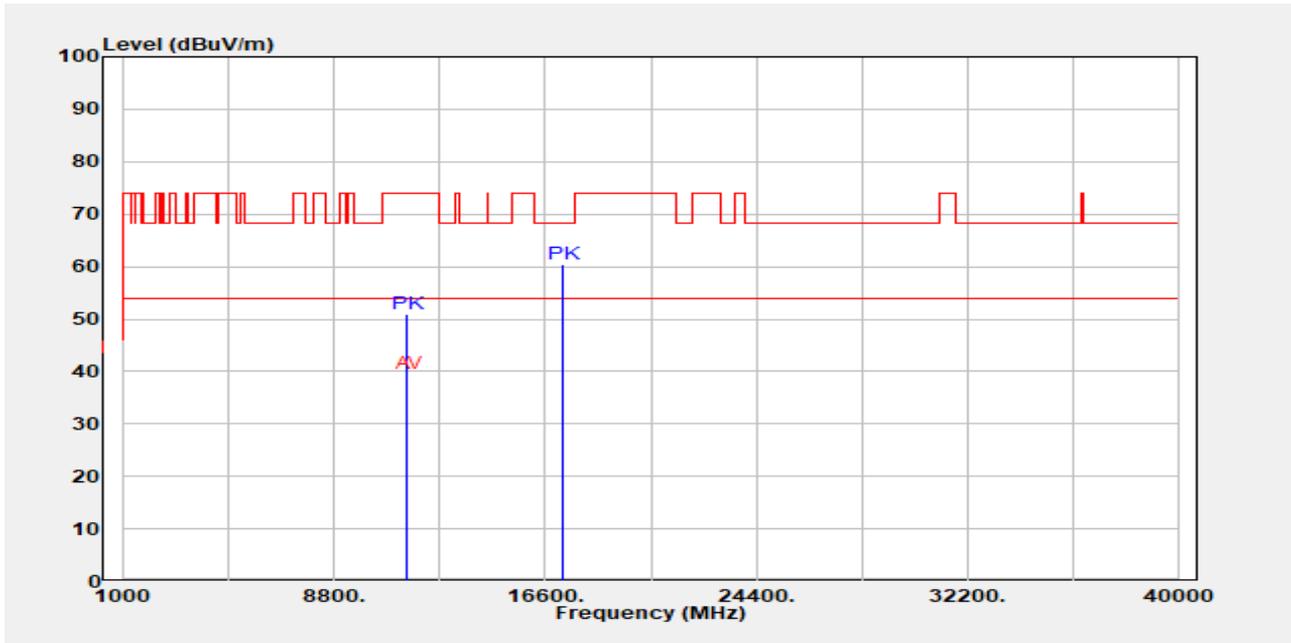
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5745 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11490.00	Peak	42.73	8.30	51.03	74.00	-22.97
11490.00	Average	31.14	8.30	39.44	54.00	-14.56
17235.00	Peak	50.92	9.38	60.30	68.20	-7.90

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

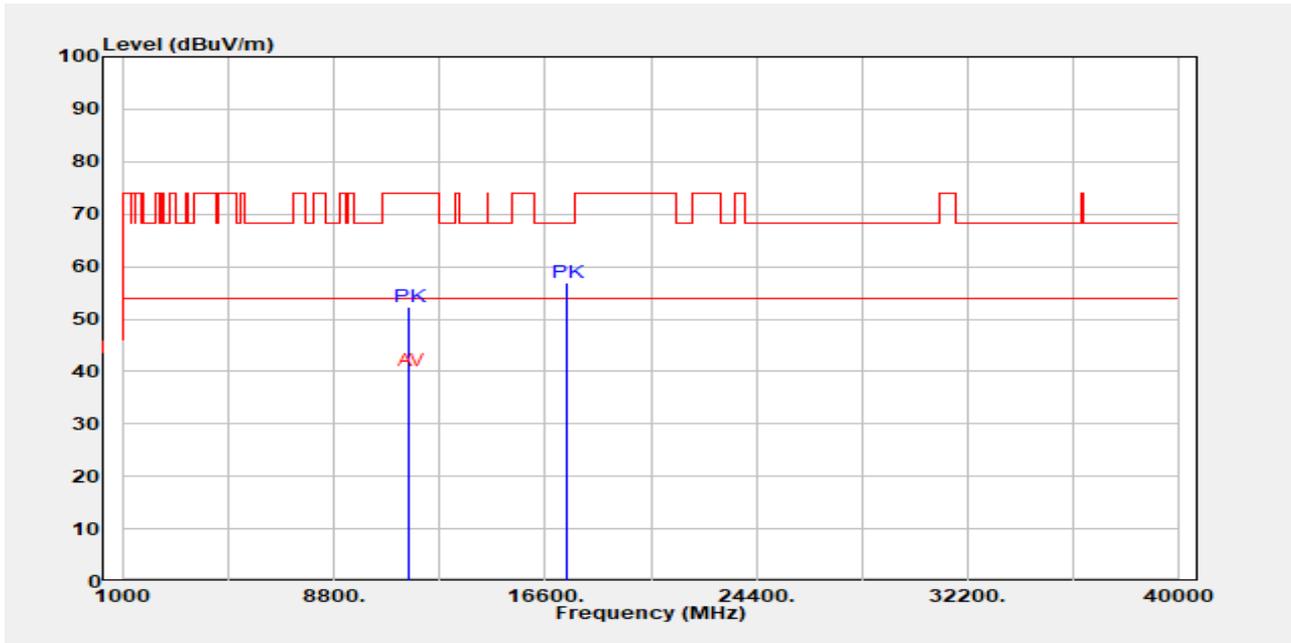
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5785 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11570.00	Peak	43.82	8.41	52.23	74.00	-21.77
11570.00	Average	31.75	8.41	40.16	54.00	-13.84
17355.00	Peak	47.87	9.01	56.88	68.20	-11.32

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

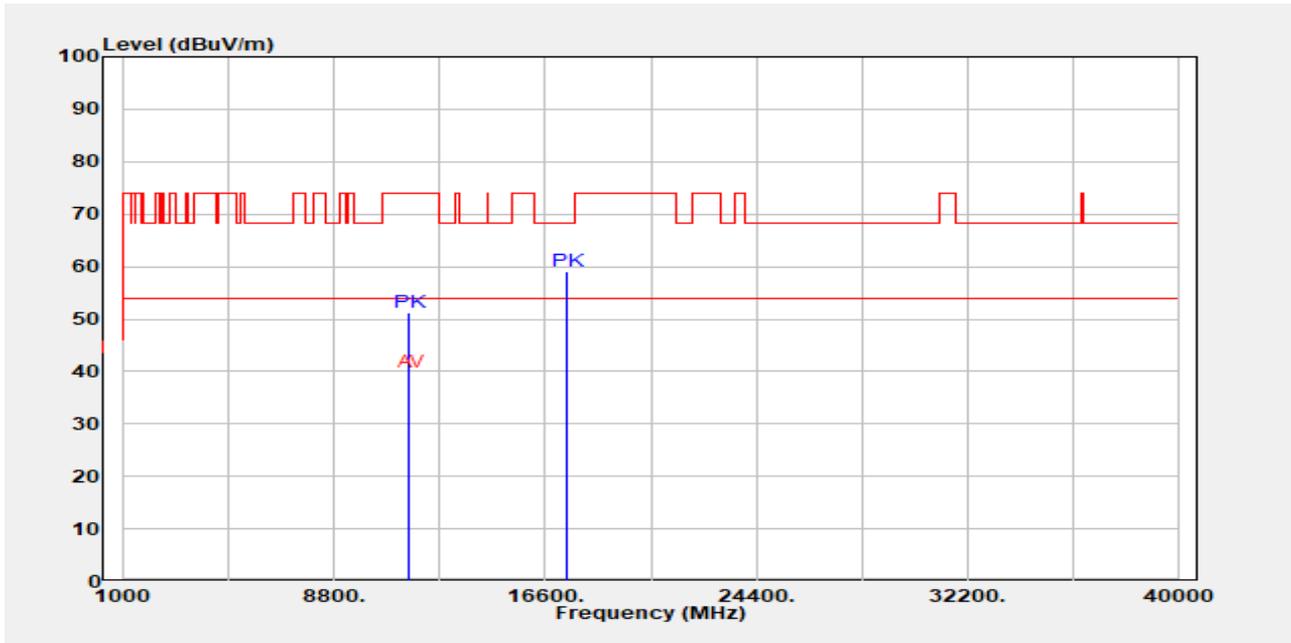
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5785 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11570.00	Peak	42.69	8.41	51.10	74.00	-22.90
11570.00	Average	31.40	8.41	39.81	54.00	-14.19
17355.00	Peak	49.98	9.01	58.99	68.20	-9.21

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

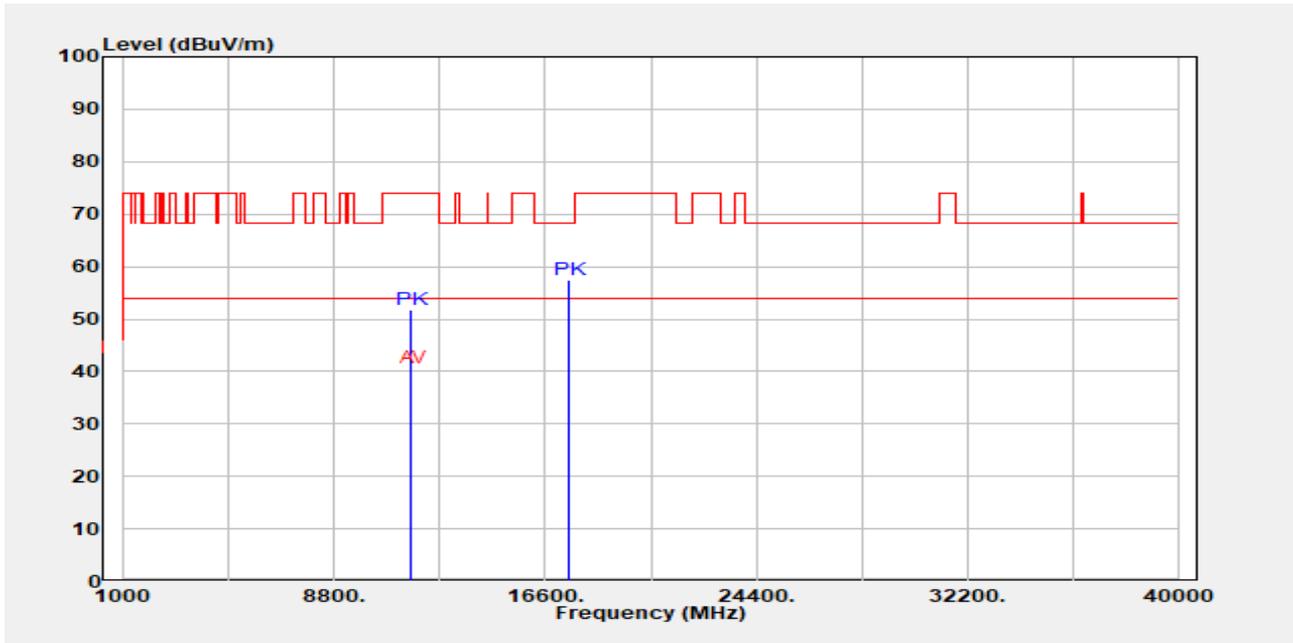
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5825 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11650.00	Peak	43.44	8.21	51.65	74.00	-22.35
11650.00	Average	32.32	8.21	40.53	54.00	-13.47
17475.00	Peak	49.04	8.48	57.52	68.20	-10.68

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

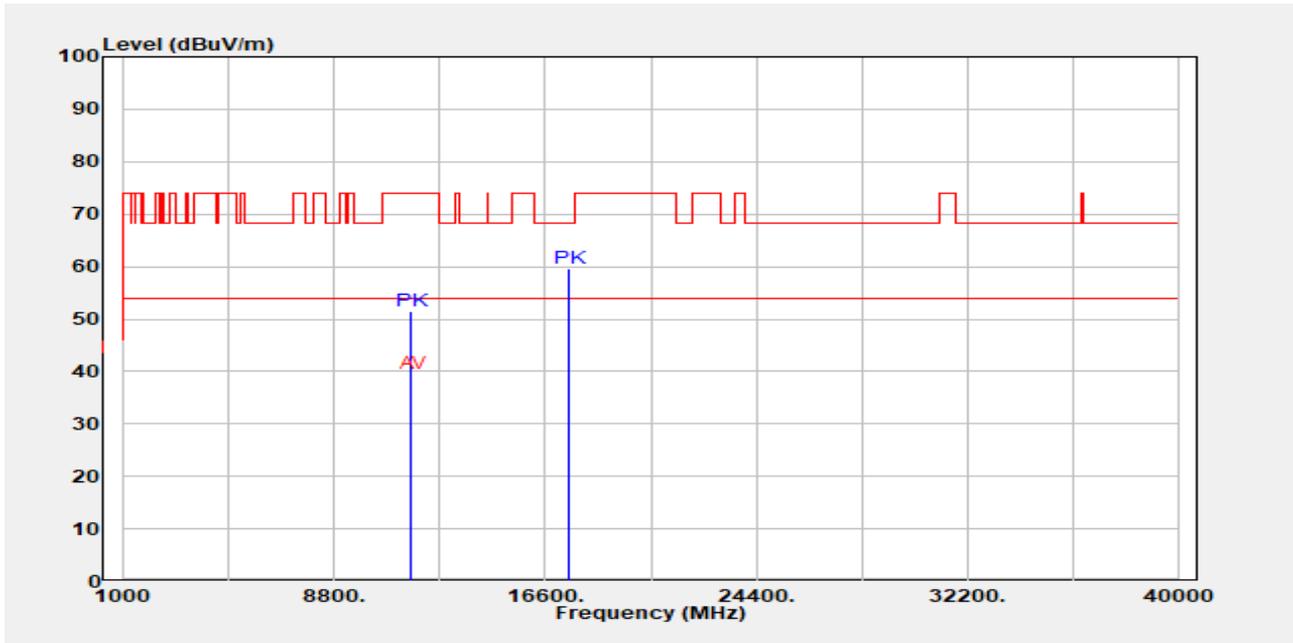
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5825 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11650.00	Peak	43.28	8.21	51.49	74.00	-22.51
11650.00	Average	31.36	8.21	39.57	54.00	-14.43
17475.00	Peak	51.07	8.48	59.55	68.20	-8.65

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

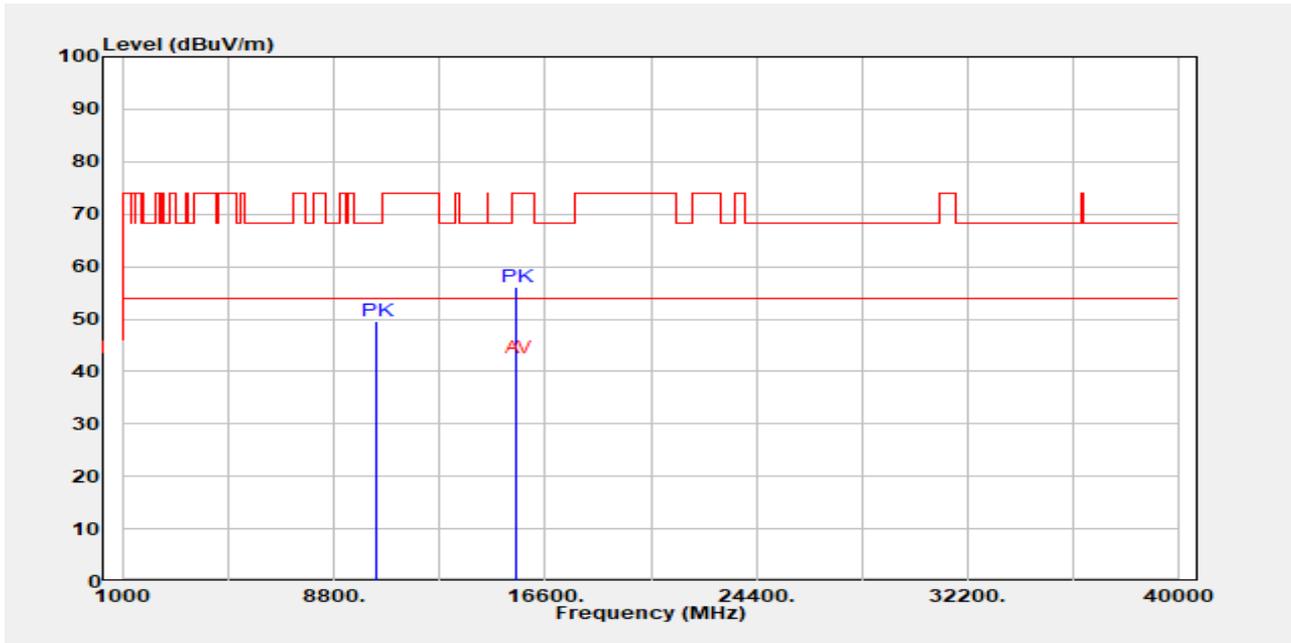
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.00	Peak	42.53	7.09	49.62	68.20	-18.58
15540.00	Peak	46.27	9.76	56.03	74.00	-17.97
15540.00	Average	32.81	9.76	42.57	54.00	-11.43

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

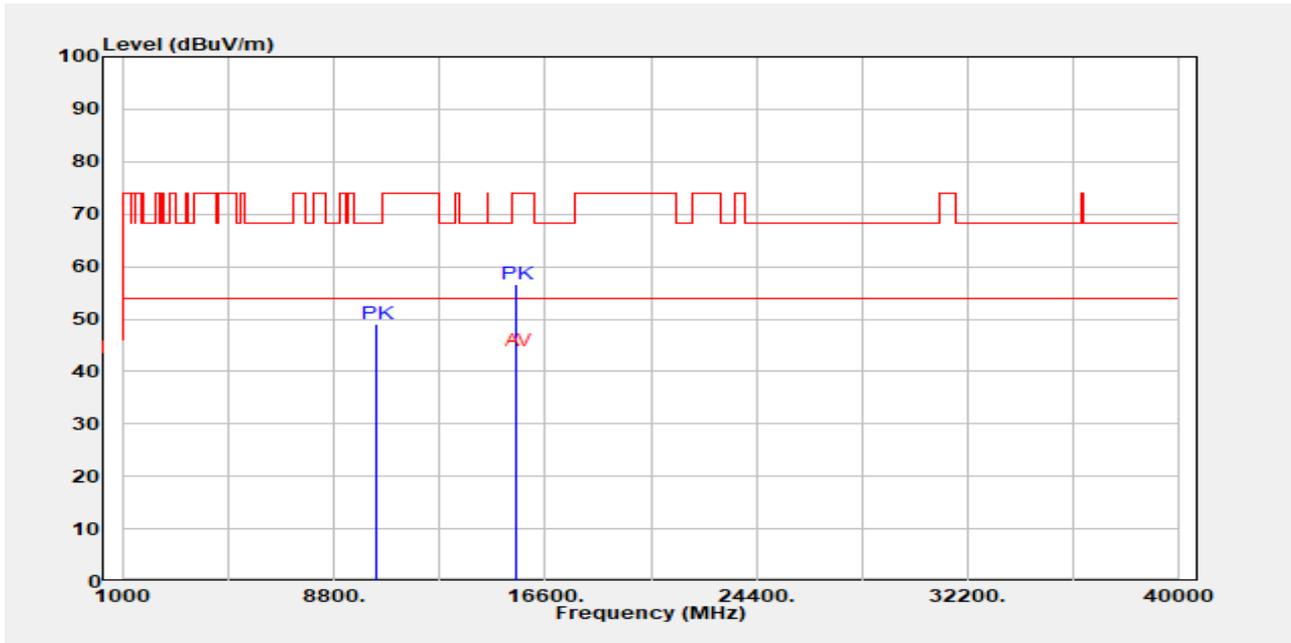
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5180 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.00	Peak	41.88	7.09	48.97	68.20	-19.23
15540.00	Peak	46.98	9.76	56.74	74.00	-17.26
15540.00	Average	34.08	9.76	43.84	54.00	-10.16

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

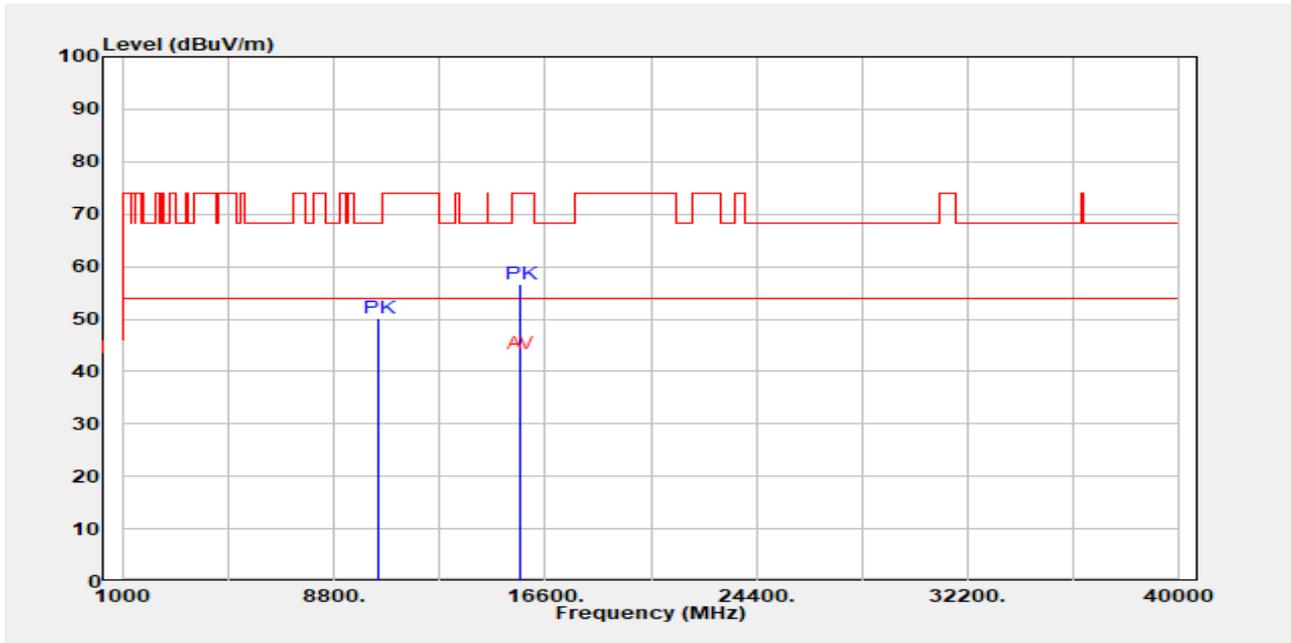
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5220 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10440.00	Peak	43.28	6.91	50.19	68.20	-18.01
15660.00	Peak	46.96	9.66	56.62	74.00	-17.38
15660.00	Average	33.57	9.66	43.23	54.00	-10.77

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

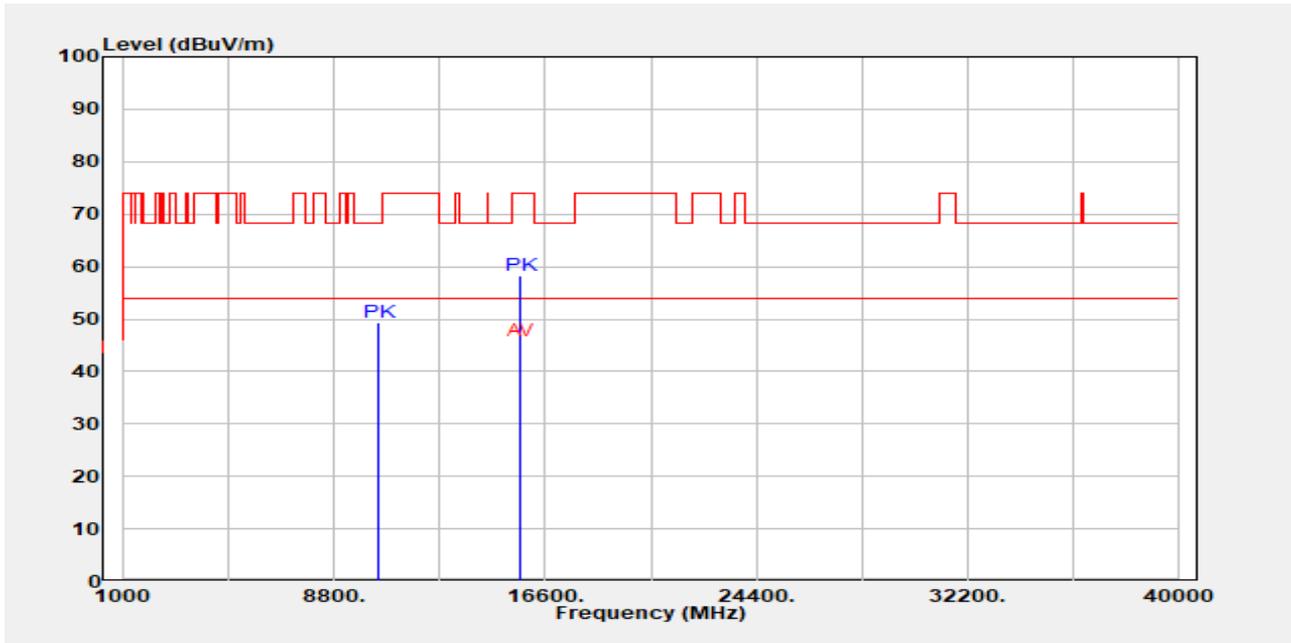
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5220 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.00	Peak	42.38	6.91	49.29	68.20	-18.91
15660.00	Peak	48.68	9.66	58.34	74.00	-15.66
15660.00	Average	36.17	9.66	45.83	54.00	-8.17

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

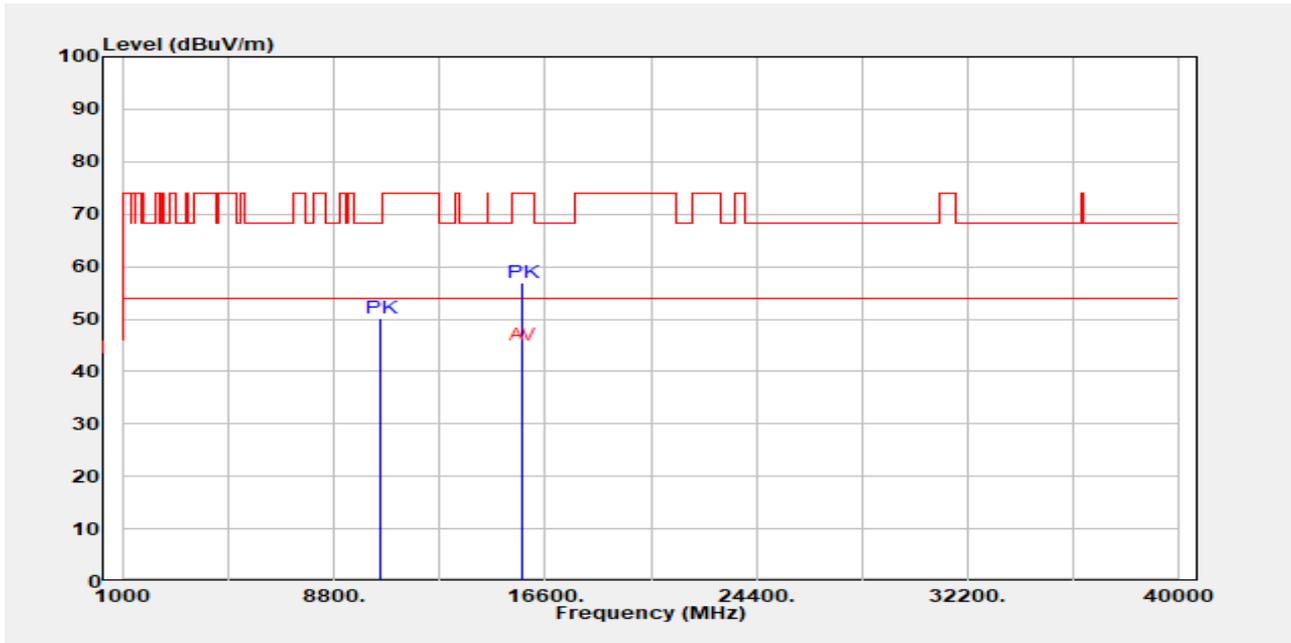
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5240 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.00	Peak	43.32	6.91	50.23	68.20	-17.97
15720.00	Peak	46.91	9.99	56.90	74.00	-17.10
15720.00	Average	34.99	9.99	44.98	54.00	-9.02

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

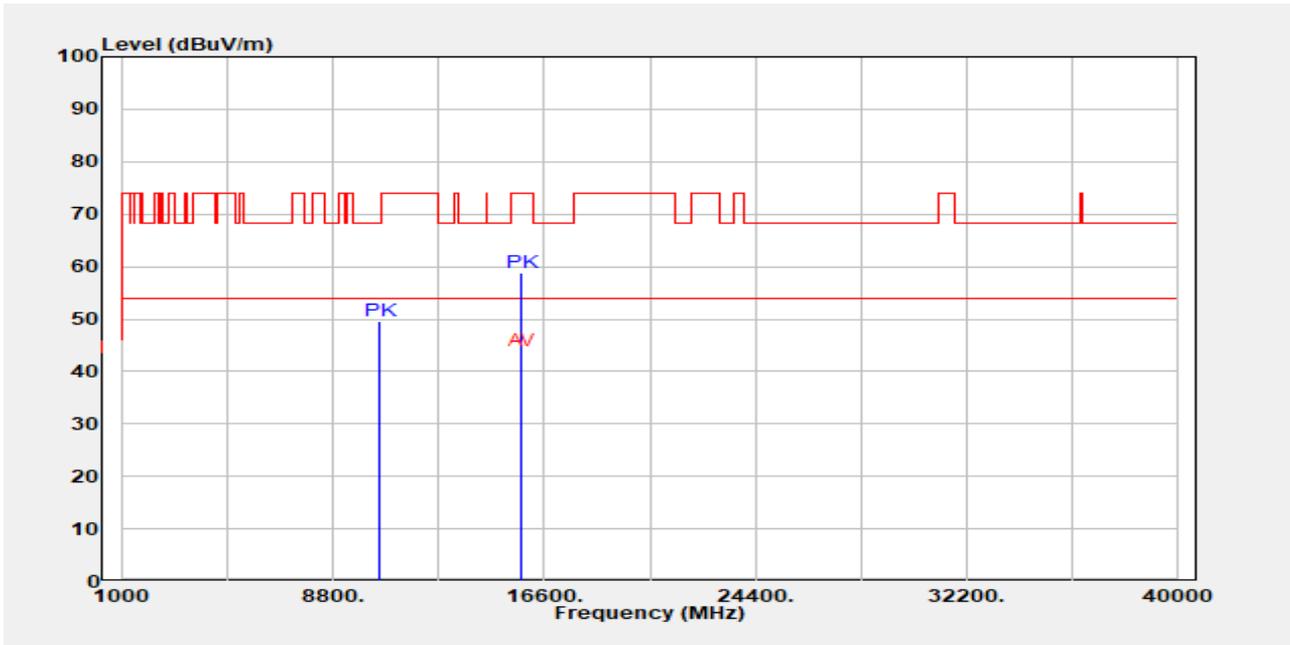
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.00	Peak	42.57	6.91	49.48	68.20	-18.72
15720.00	Peak	48.75	9.99	58.74	74.00	-15.26
15720.00	Average	34.02	9.99	44.01	54.00	-9.99

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

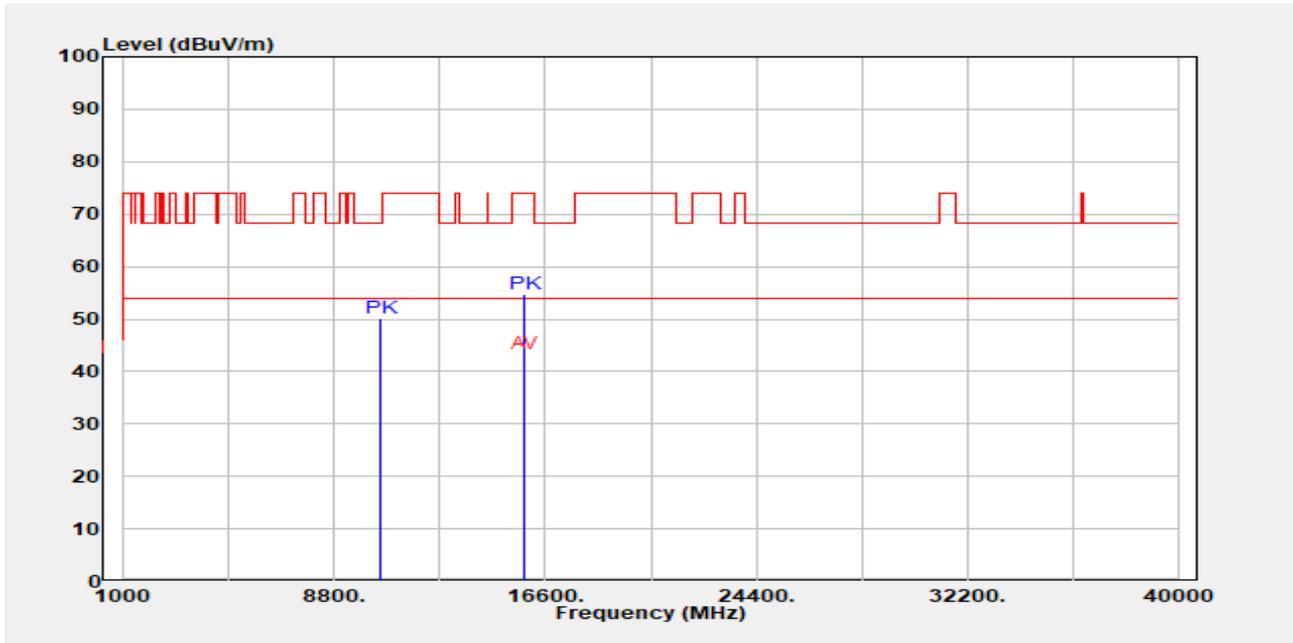
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.00	Peak	43.29	6.91	50.20	68.20	-18.00
15780.00	Peak	44.33	10.39	54.72	74.00	-19.28
15780.00	Average	33.03	10.39	43.42	54.00	-10.58

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

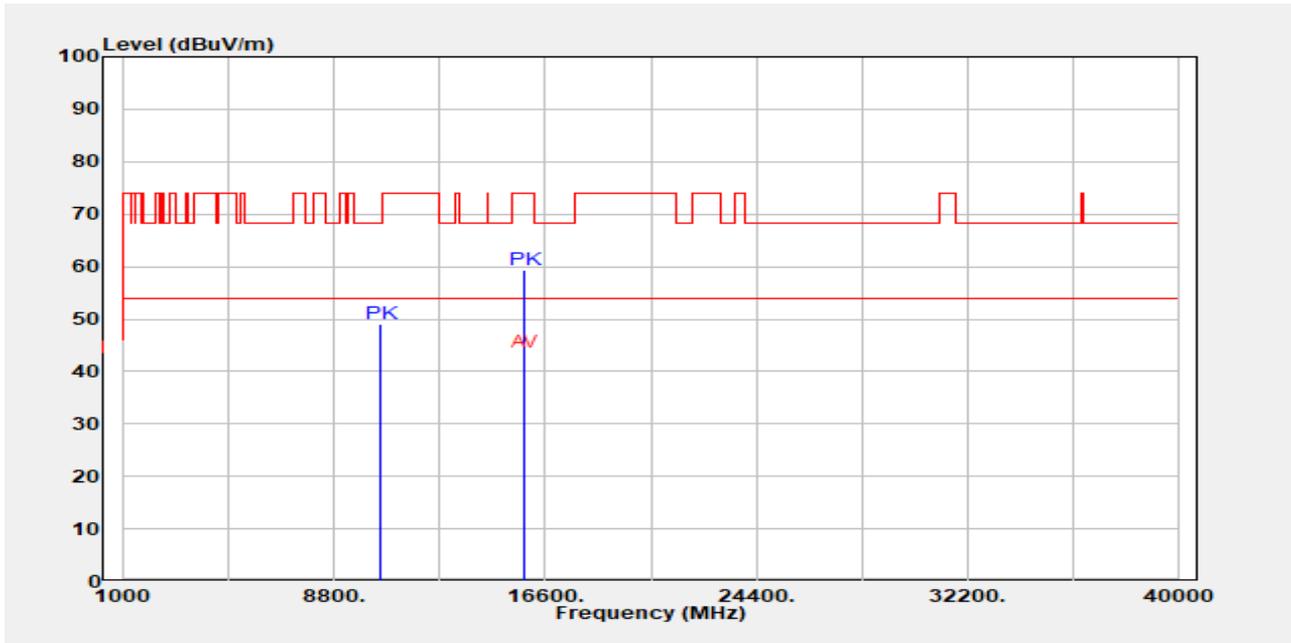
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5260 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
10520.00	Peak	42.26	6.91	49.17	68.20	-19.03
15780.00	Peak	49.04	10.39	59.43	74.00	-14.57
15780.00	Average	33.12	10.39	43.51	54.00	-10.49

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

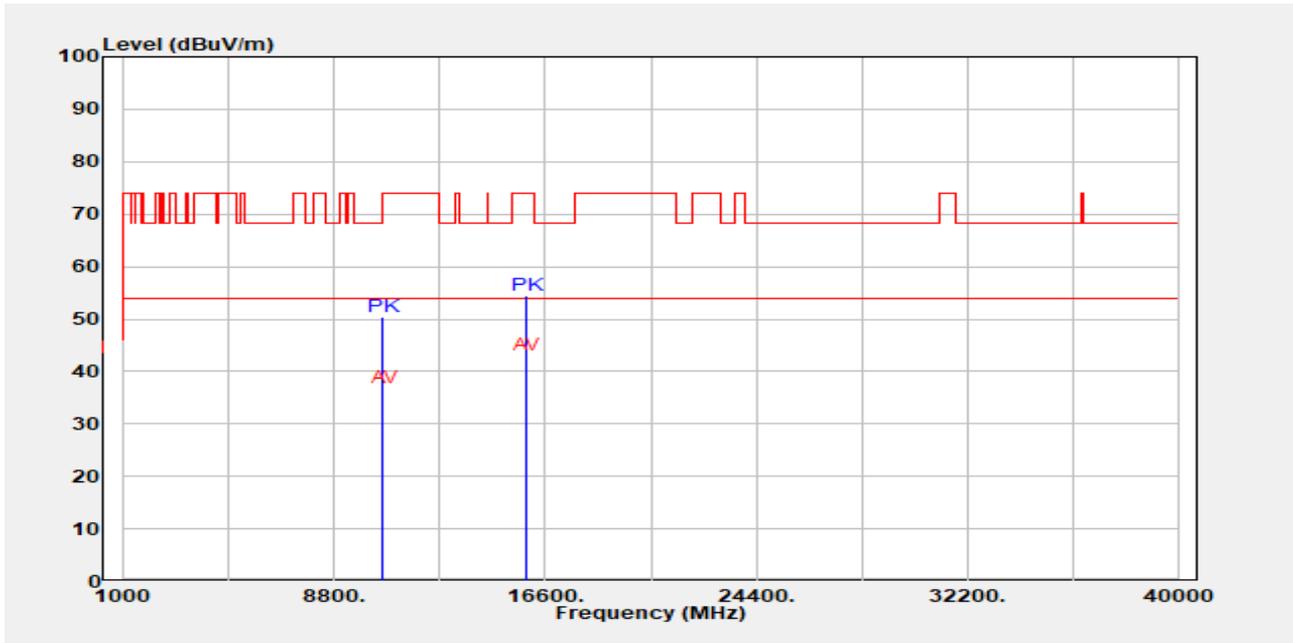
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5300 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
10600.00	Peak	43.65	6.87	50.52	74.00	-23.48
10600.00	Average	30.12	6.87	36.99	54.00	-17.01
15900.00	Peak	43.94	10.58	54.52	74.00	-19.48
15900.00	Average	32.51	10.58	43.09	54.00	-10.91

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

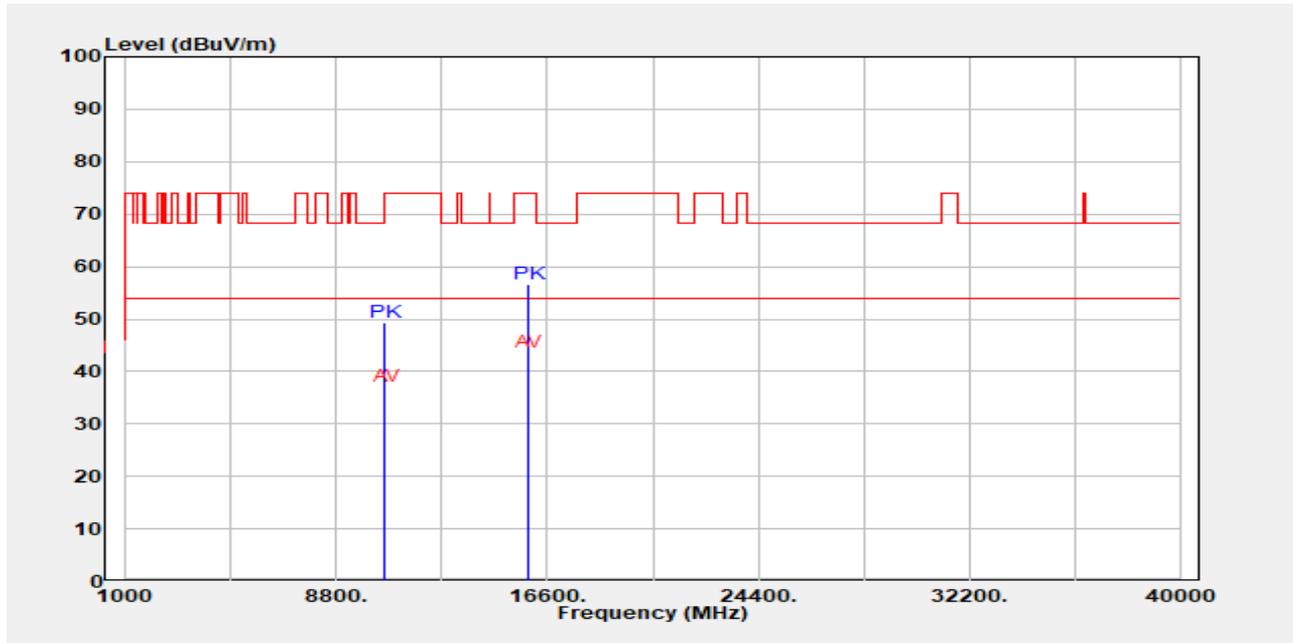
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5300 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.00	Peak	42.53	6.87	49.40	74.00	-24.60
10600.00	Average	30.32	6.87	37.19	54.00	-16.81
15900.00	Peak	46.06	10.58	56.64	74.00	-17.36
15900.00	Average	32.95	10.58	43.53	54.00	-10.47

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

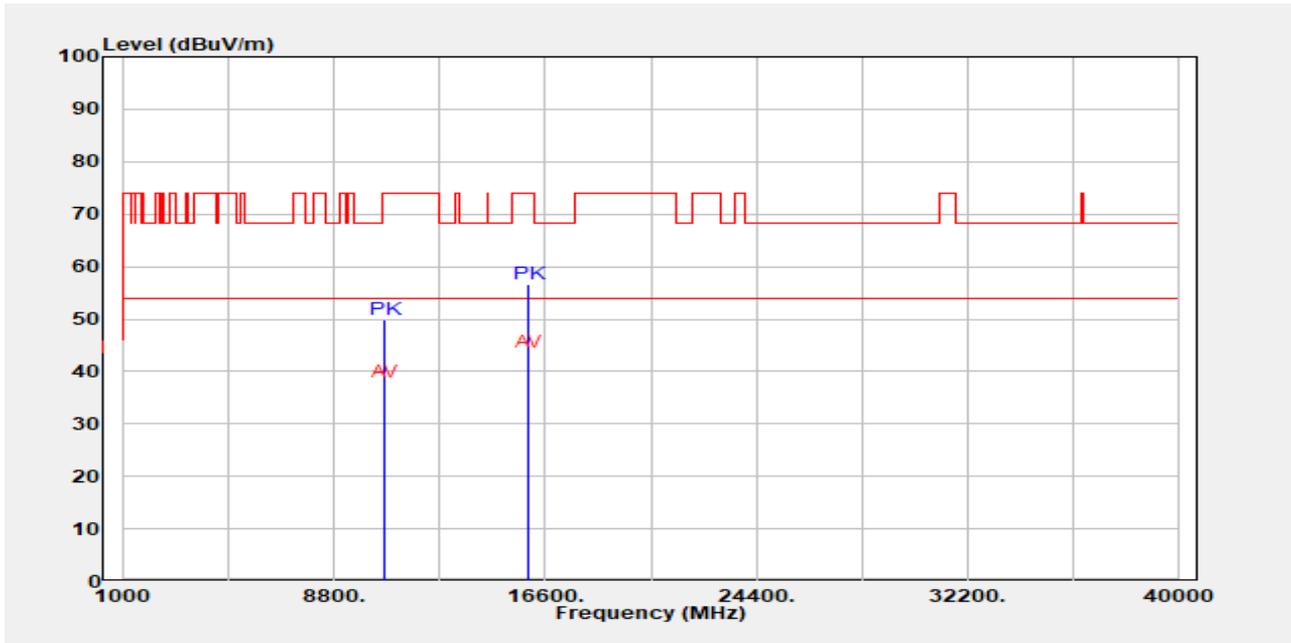
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5320 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-19  
 Temp./Humi. :23.1°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10640.00	Peak	42.97	6.97	49.94	74.00	-24.06
10640.00	Average	31.00	6.97	37.97	54.00	-16.03
15960.00	Peak	46.08	10.46	56.54	74.00	-17.46
15960.00	Average	33.08	10.46	43.54	54.00	-10.46

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

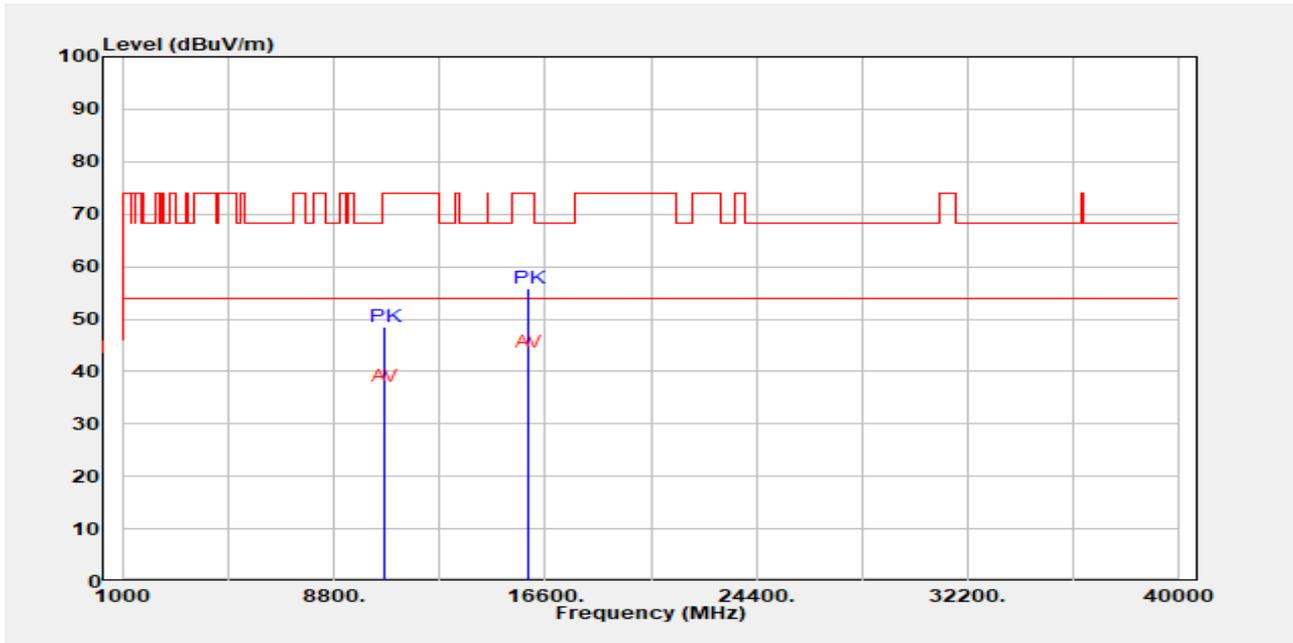
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10640.00	Peak	41.65	6.97	48.62	74.00	-25.38
10640.00	Average	30.12	6.97	37.09	54.00	-16.91
15960.00	Peak	45.25	10.46	55.71	74.00	-18.29
15960.00	Average	33.26	10.46	43.72	54.00	-10.28

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

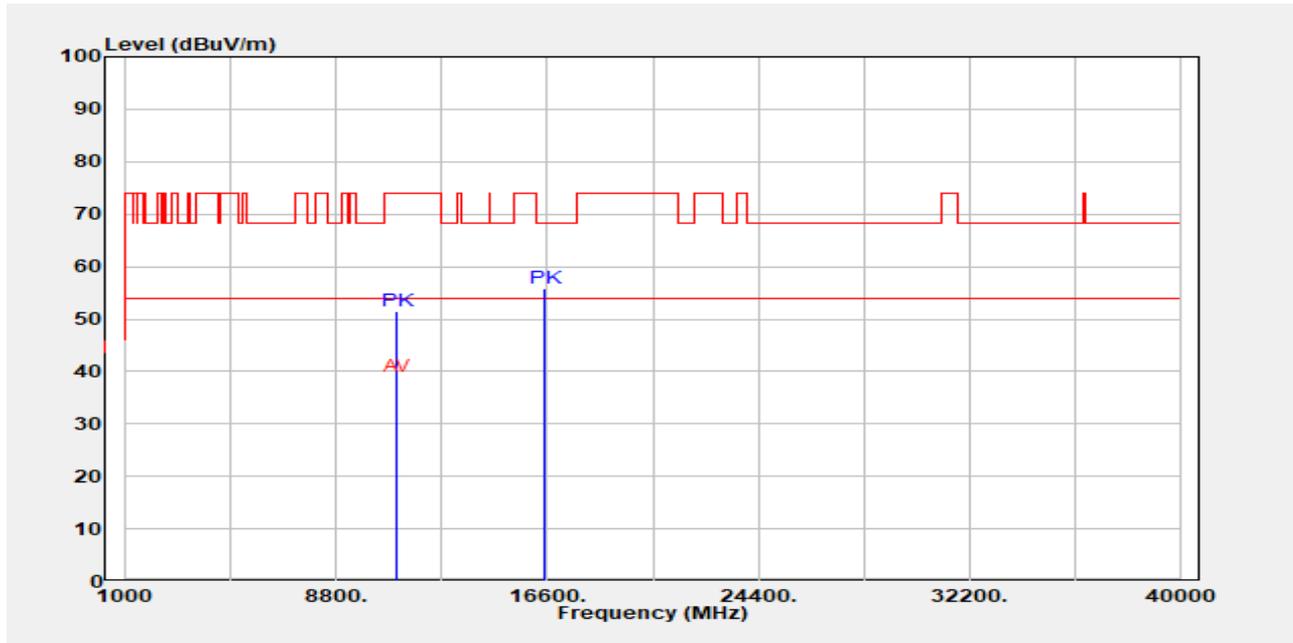
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5500 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11000.00	Peak	44.01	7.42	51.43	74.00	-22.57
11000.00	Average	31.70	7.42	39.12	54.00	-14.88
16500.00	Peak	45.18	10.65	55.83	68.20	-12.37

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

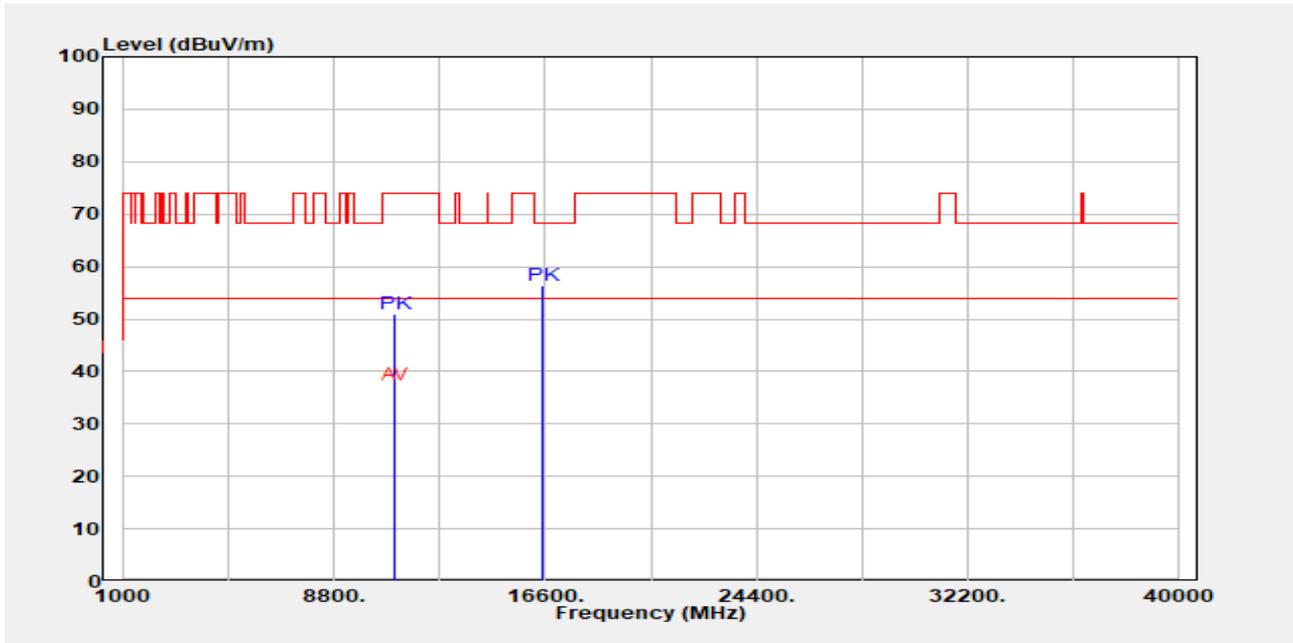
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5500 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11000.00	Peak	43.58	7.42	51.00	74.00	-23.00
11000.00	Average	29.98	7.42	37.40	54.00	-16.60
16500.00	Peak	45.62	10.65	56.27	68.20	-11.93

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

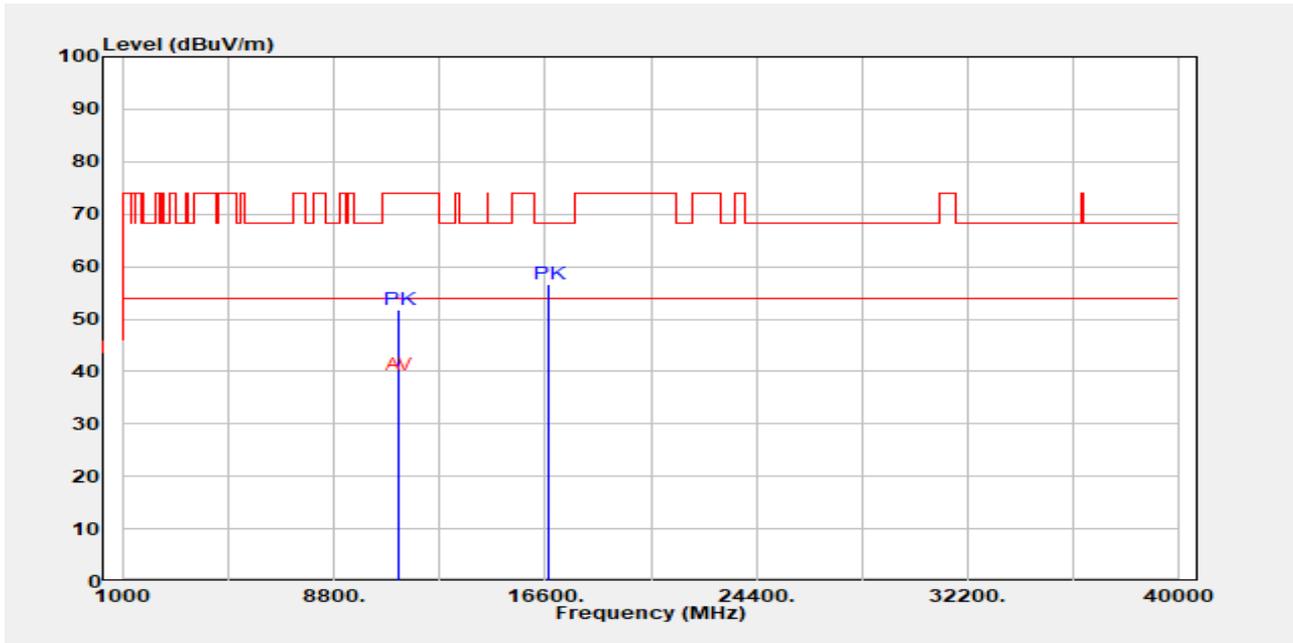
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5580 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11160.00	Peak	44.02	7.79	51.81	74.00	-22.19
11160.00	Average	31.42	7.79	39.21	54.00	-14.79
16740.00	Peak	46.75	9.90	56.65	68.20	-11.55

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

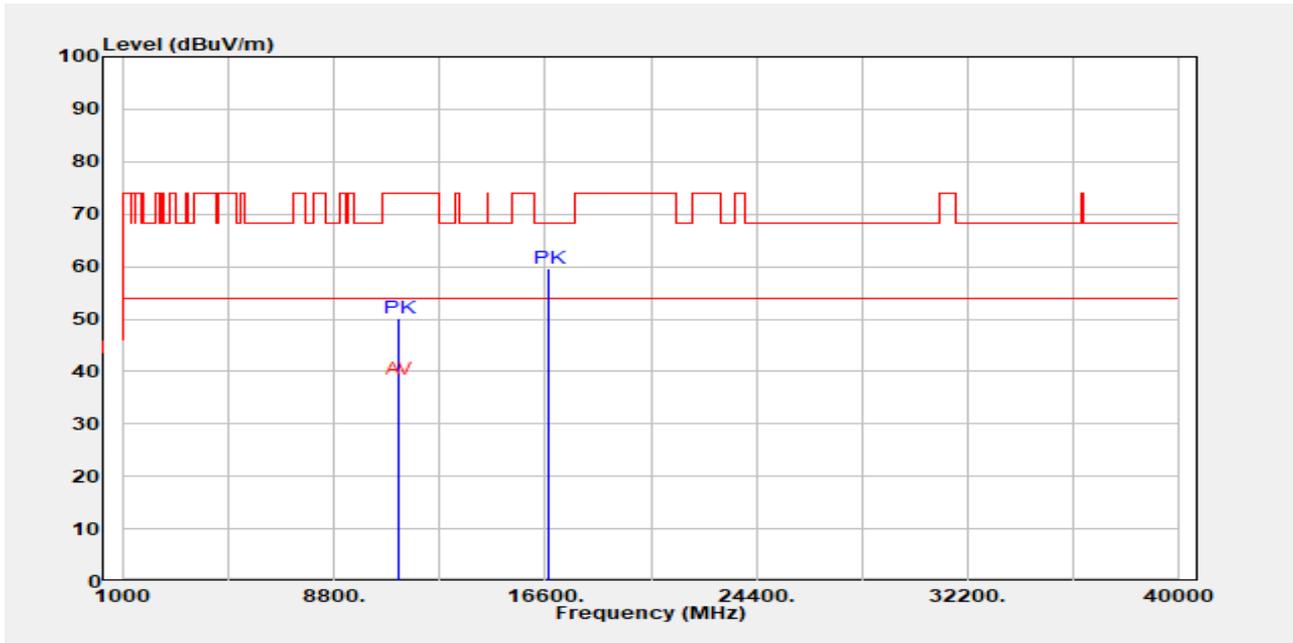
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5580 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11160.00	Peak	42.23	7.79	50.02	74.00	-23.98
11160.00	Average	30.82	7.79	38.61	54.00	-15.39
16740.00	Peak	49.79	9.90	59.69	68.20	-8.51

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5700 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11400.00	Peak	42.51	8.11	50.62	74.00	-23.38
11400.00	Average	30.81	8.11	38.92	54.00	-15.08
17100.00	Peak	46.51	9.83	56.34	68.20	-11.86

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

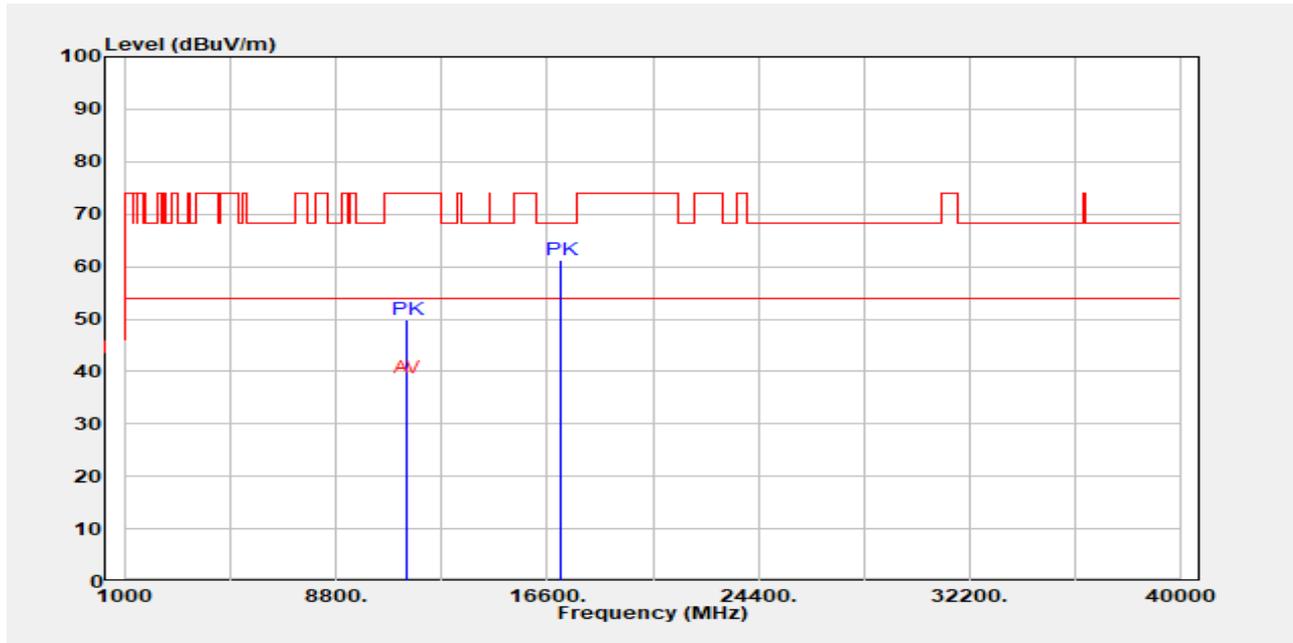
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5700 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11400.00	Peak	41.80	8.11	49.91	74.00	-24.09
11400.00	Average	30.69	8.11	38.80	54.00	-15.20
17100.00	Peak	51.41	9.83	61.24	68.20	-6.96

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

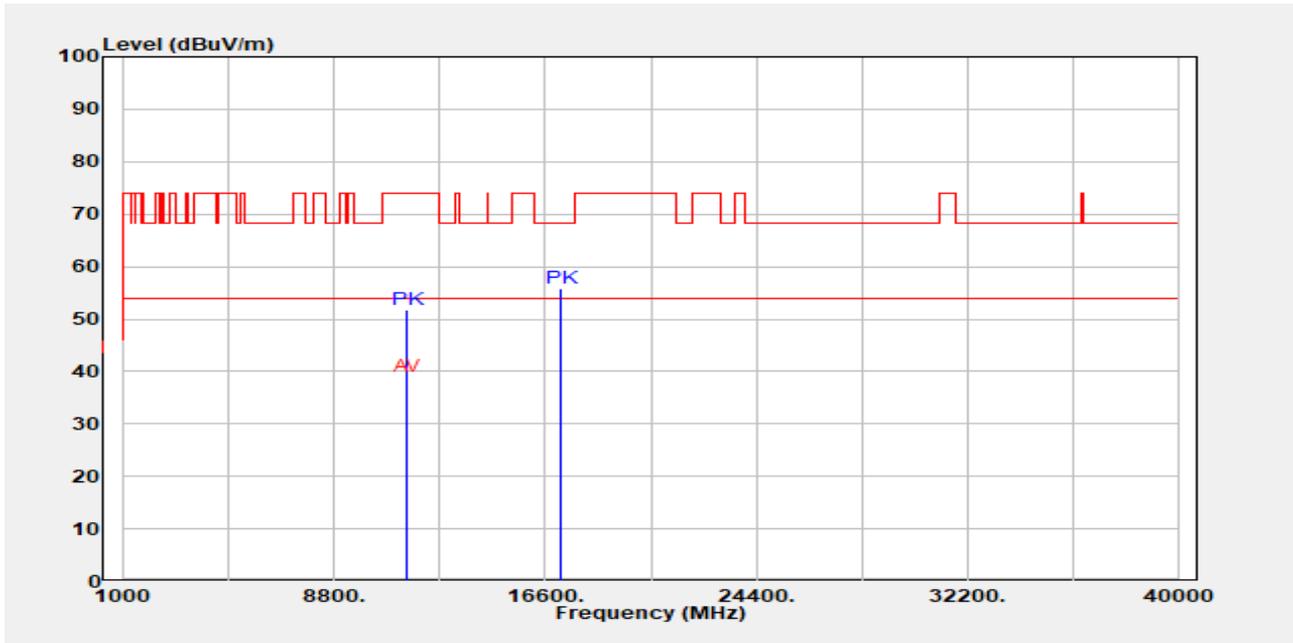
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5720 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11440.00	Peak	43.45	8.18	51.63	74.00	-22.37
11440.00	Average	30.72	8.18	38.90	54.00	-15.10
17160.00	Peak	46.06	9.67	55.73	68.20	-12.47

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

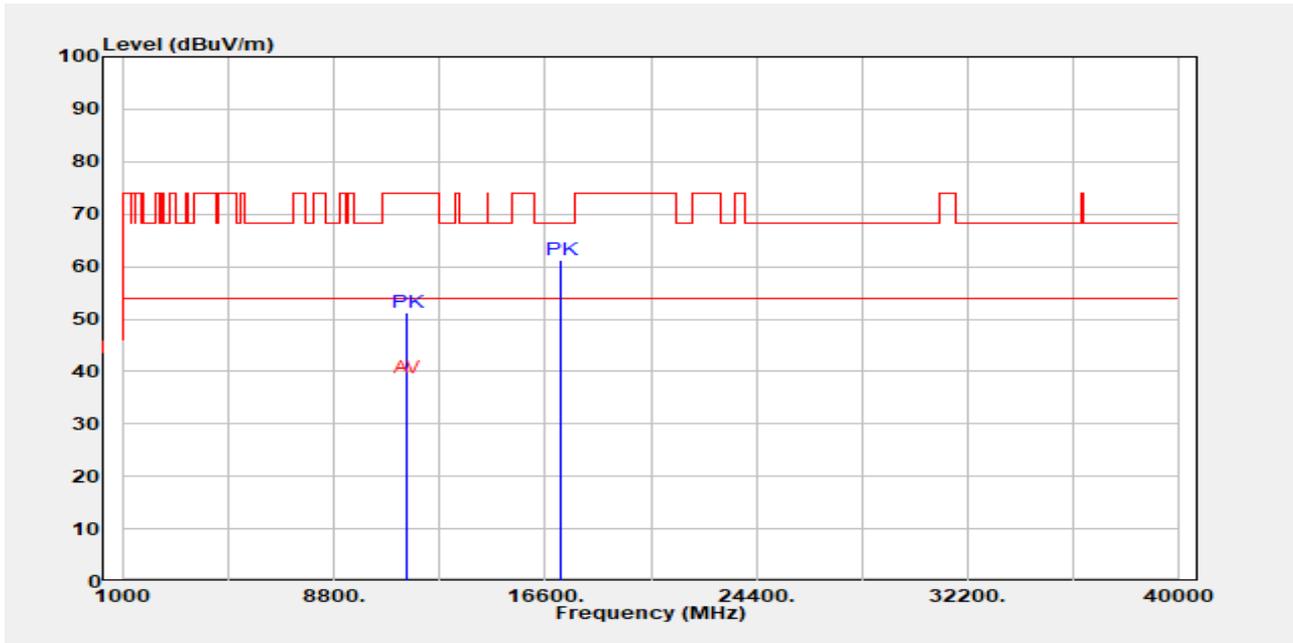
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5720 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11440.00	Peak	43.01	8.18	51.19	74.00	-22.81
11440.00	Average	30.49	8.18	38.67	54.00	-15.33
17160.00	Peak	51.57	9.67	61.24	68.20	-6.96

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

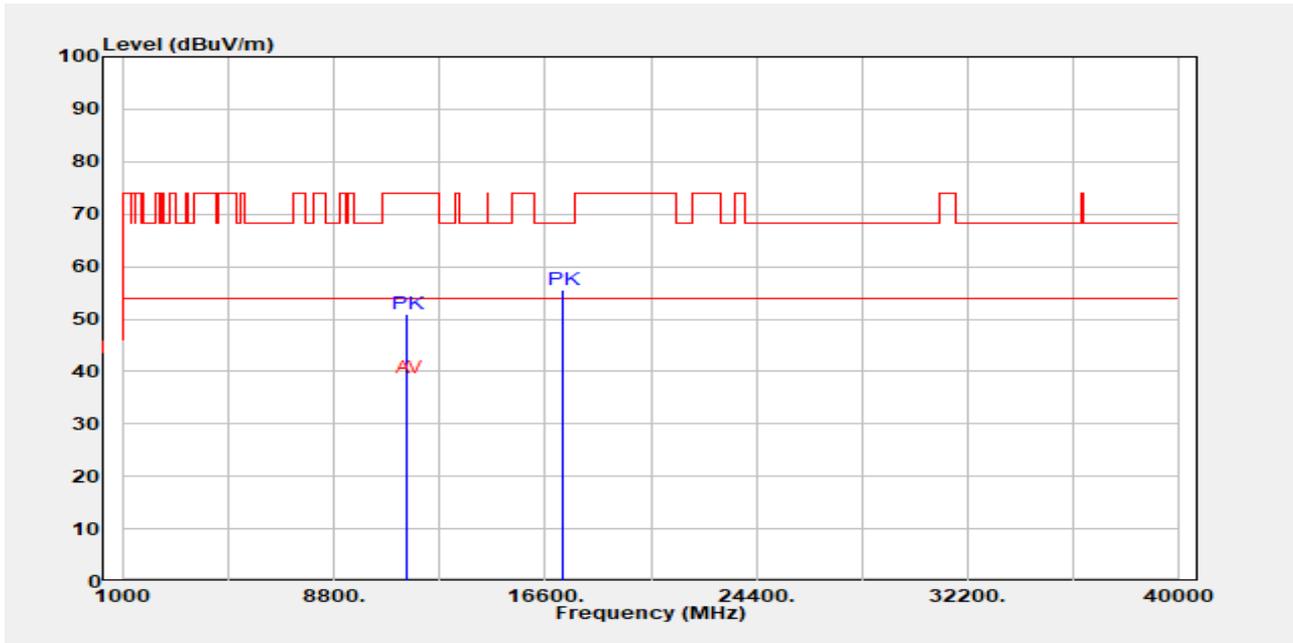
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5745 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Peak	42.73	8.30	51.03	74.00	-22.97
11490.00	Average	30.57	8.30	38.87	54.00	-15.13
17235.00	Peak	46.16	9.38	55.54	68.20	-12.66

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

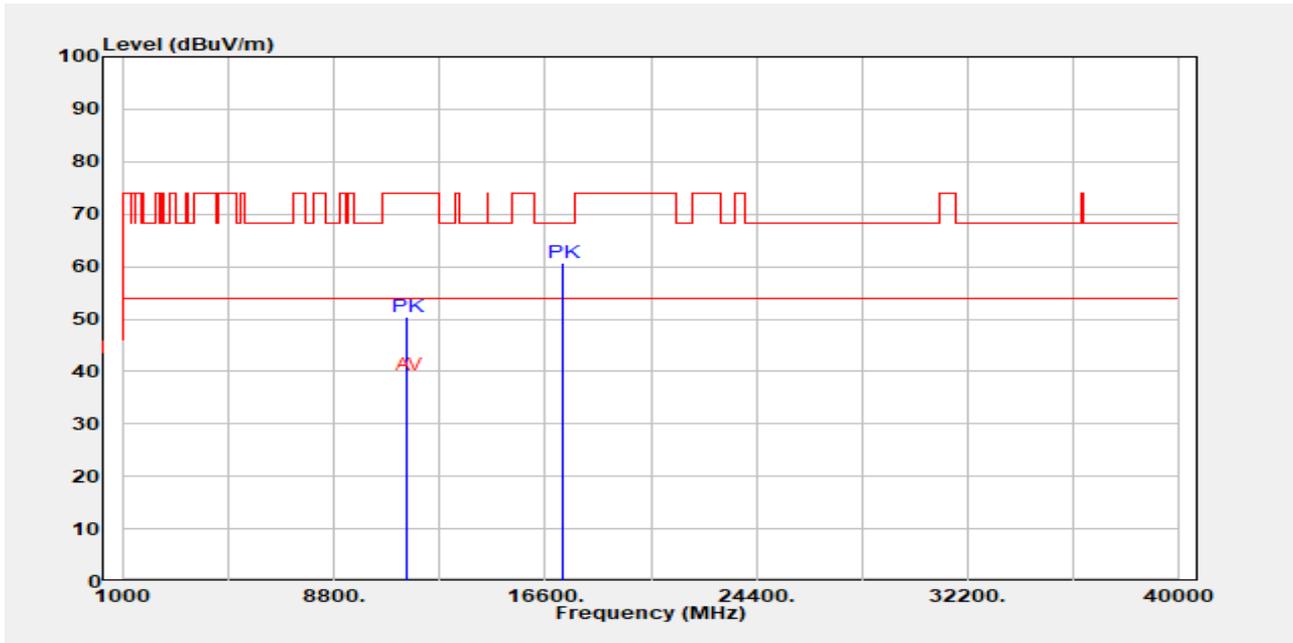
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5745 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11490.00	Peak	42.07	8.30	50.37	74.00	-23.63
11490.00	Average	31.00	8.30	39.30	54.00	-14.70
17235.00	Peak	51.38	9.38	60.76	68.20	-7.44

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

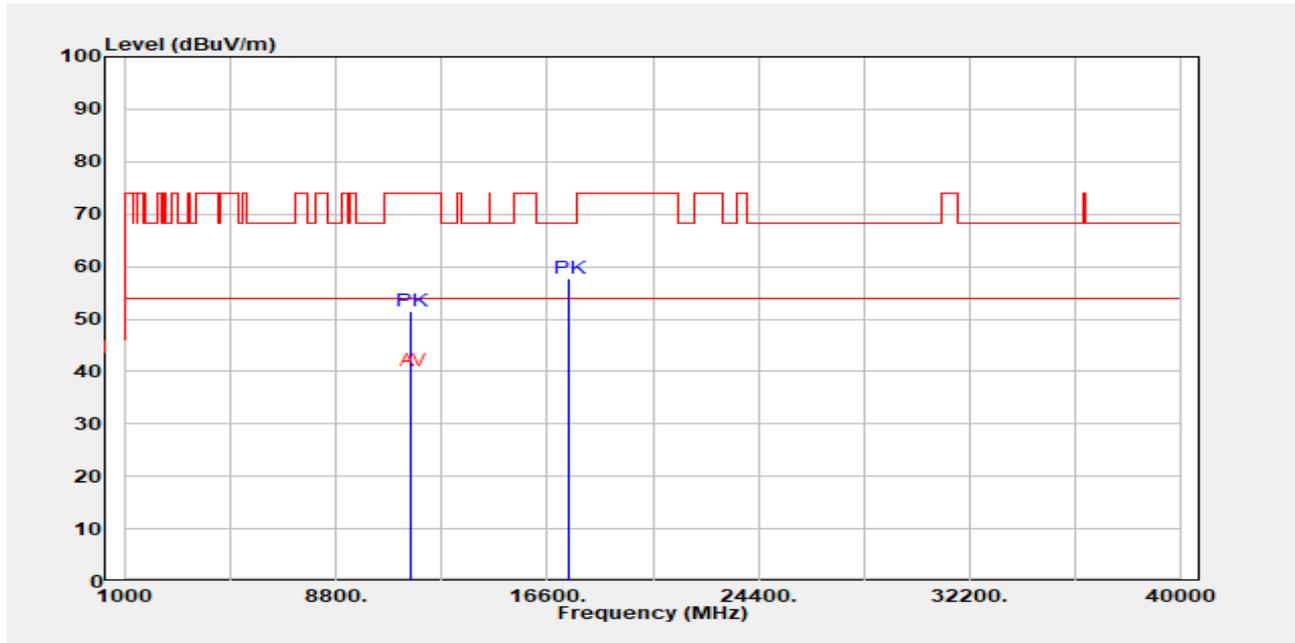
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5785 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11570.00	Peak	42.98	8.41	51.39	74.00	-22.61
11570.00	Average	31.60	8.41	40.01	54.00	-13.99
17355.00	Peak	48.67	9.01	57.68	68.20	-10.52

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

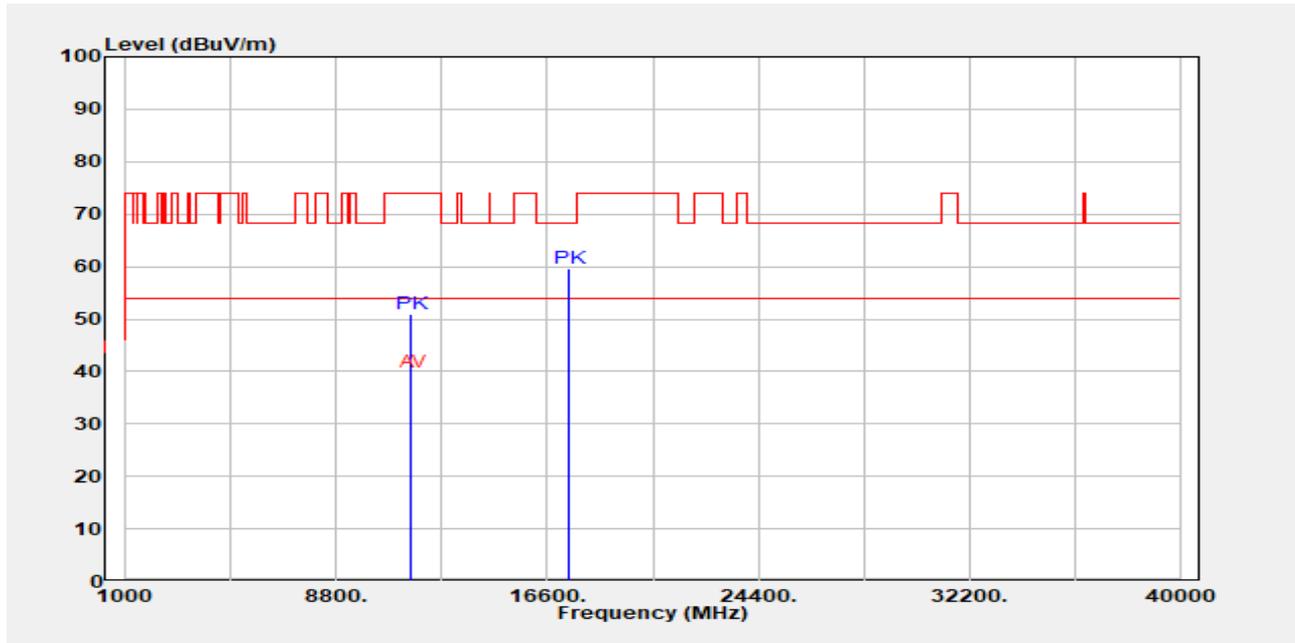
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5785 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Peak	42.51	8.41	50.92	74.00	-23.08
11570.00	Average	31.32	8.41	39.73	54.00	-14.27
17355.00	Peak	50.68	9.01	59.69	68.20	-8.51

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

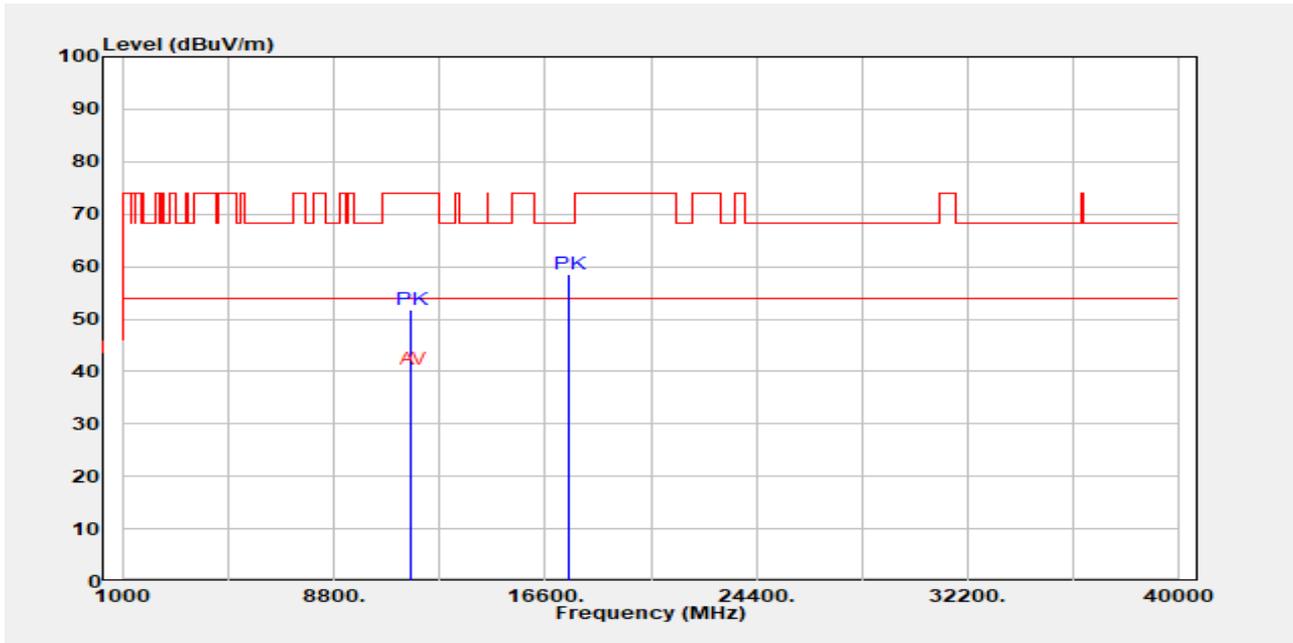
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5825 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11650.00	Peak	43.67	8.21	51.88	74.00	-22.12
11650.00	Average	32.18	8.21	40.39	54.00	-13.61
17475.00	Peak	50.13	8.48	58.61	68.20	-9.59

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

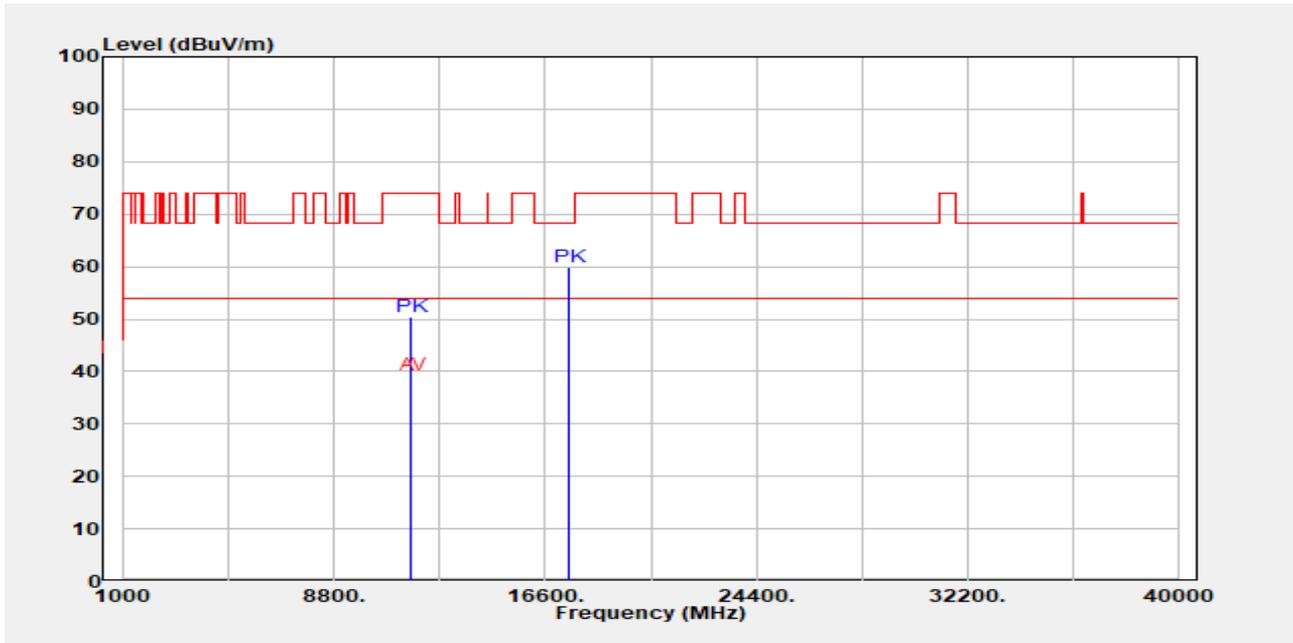
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5825 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-19  
Temp./Humi. :23.1°C/51%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11650.00	Peak	42.32	8.21	50.53	74.00	-23.47
11650.00	Average	31.21	8.21	39.42	54.00	-14.58
17475.00	Peak	51.51	8.48	59.99	68.20	-8.21

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

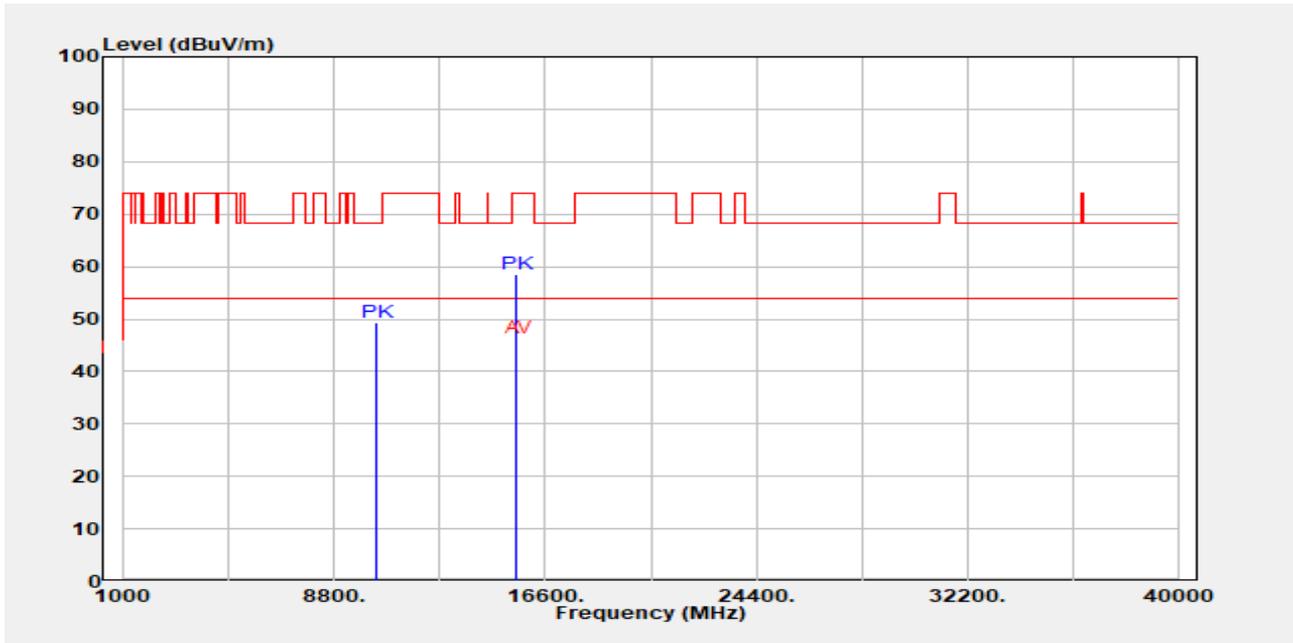
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-20  
Temp./Humi. :24.4°C/41%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10360.00	Peak	42.24	7.09	49.33	68.20	-18.87
15540.00	Peak	48.66	9.76	58.42	74.00	-15.58
15540.00	Average	36.60	9.76	46.36	54.00	-7.64

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

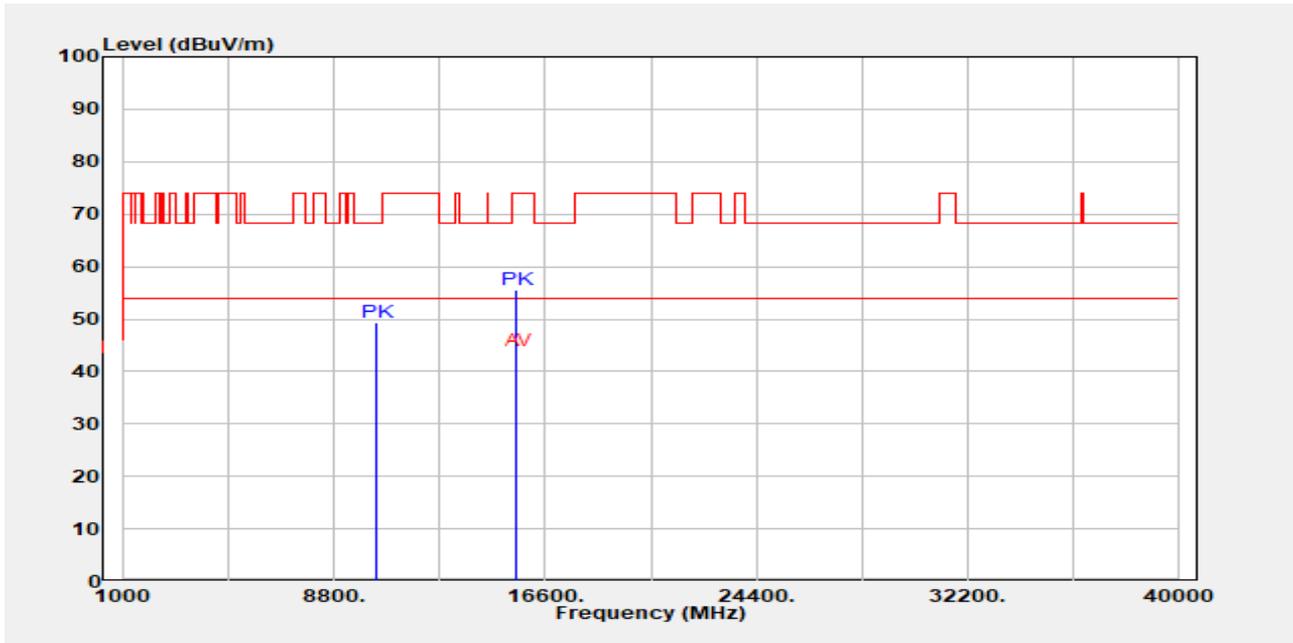
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5180 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-20  
Temp./Humi. :24.4°C/41%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10360.00	Peak	42.14	7.09	49.23	68.20	-18.97
15540.00	Peak	45.70	9.76	55.46	74.00	-18.54
15540.00	Average	34.18	9.76	43.94	54.00	-10.06

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

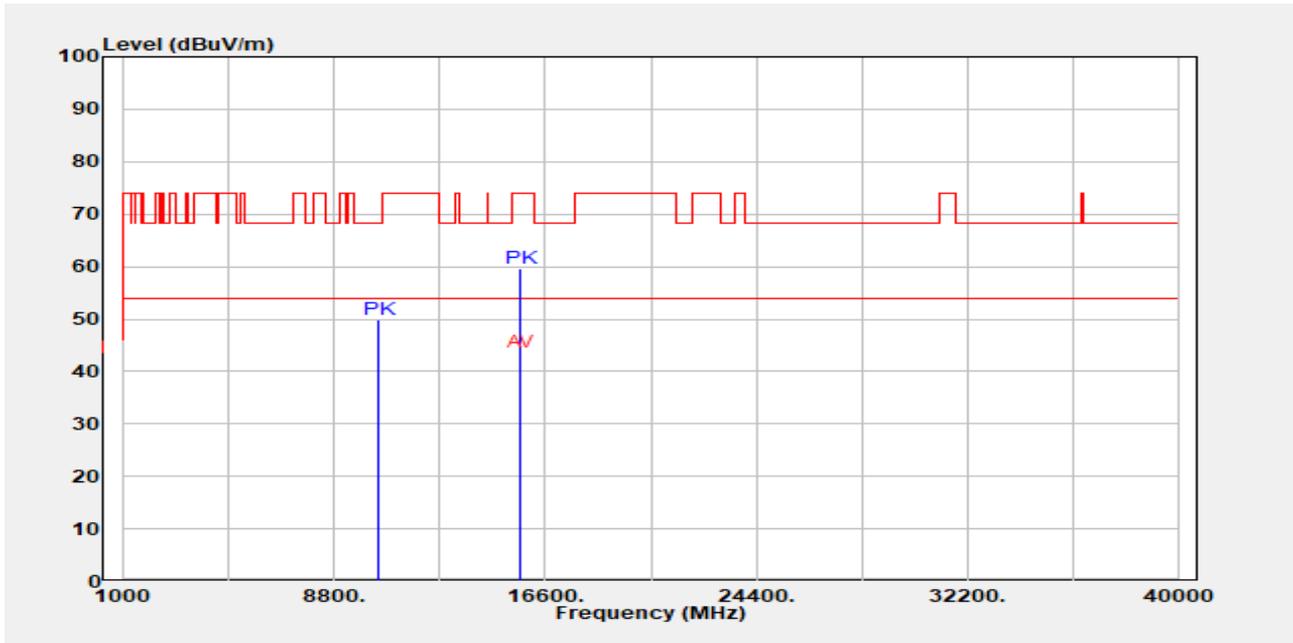
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-20  
Temp./Humi. :24.4°C/41%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10440.00	Peak	42.88	6.91	49.79	68.20	-18.41
15660.00	Peak	50.06	9.66	59.72	74.00	-14.28
15660.00	Average	34.03	9.66	43.69	54.00	-10.31

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

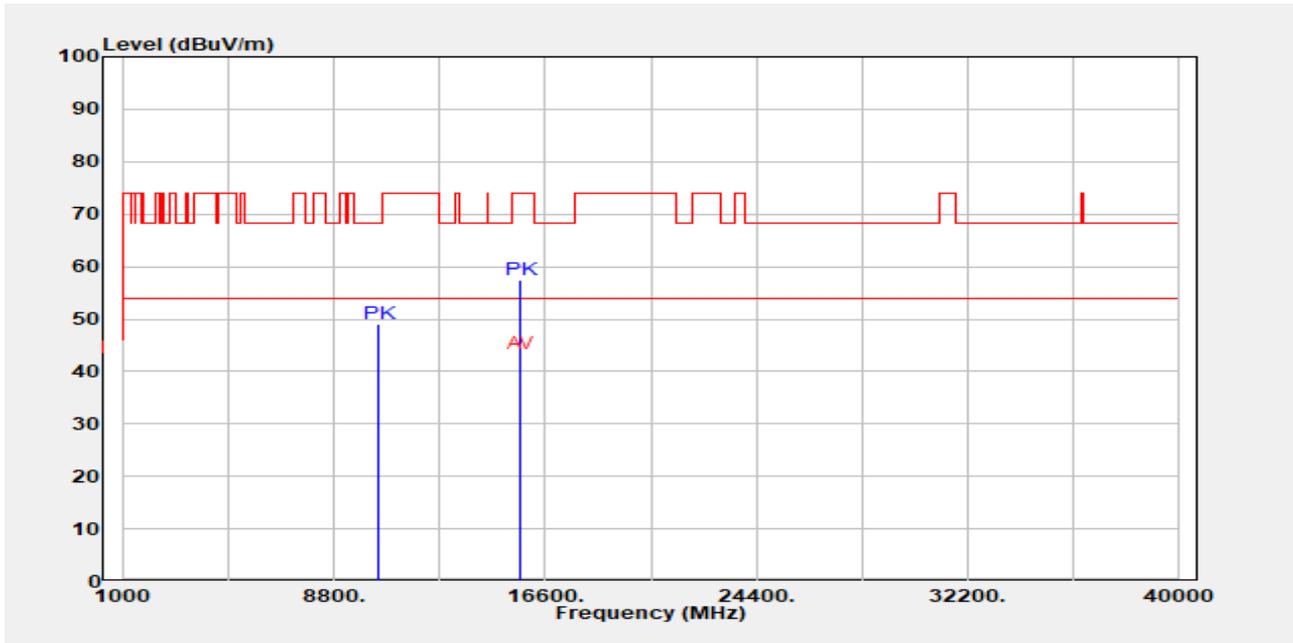
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5220 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-20  
Temp./Humi. :24.4°C/41%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10440.00	Peak	42.13	6.91	49.04	68.20	-19.16
15660.00	Peak	47.92	9.66	57.58	74.00	-16.42
15660.00	Average	33.58	9.66	43.24	54.00	-10.76

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

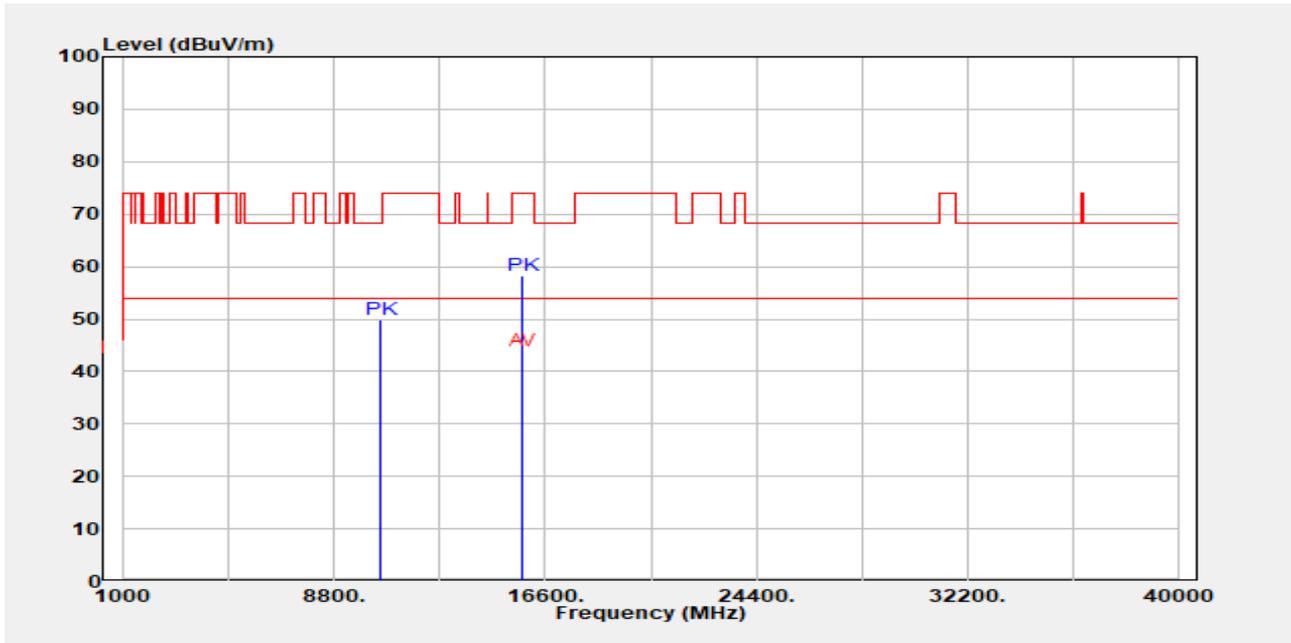
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-20  
Temp./Humi. :24.4°C/41%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.00	Peak	43.02	6.91	49.93	68.20	-18.27
15720.00	Peak	48.19	9.99	58.18	74.00	-15.82
15720.00	Average	33.89	9.99	43.88	54.00	-10.12

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

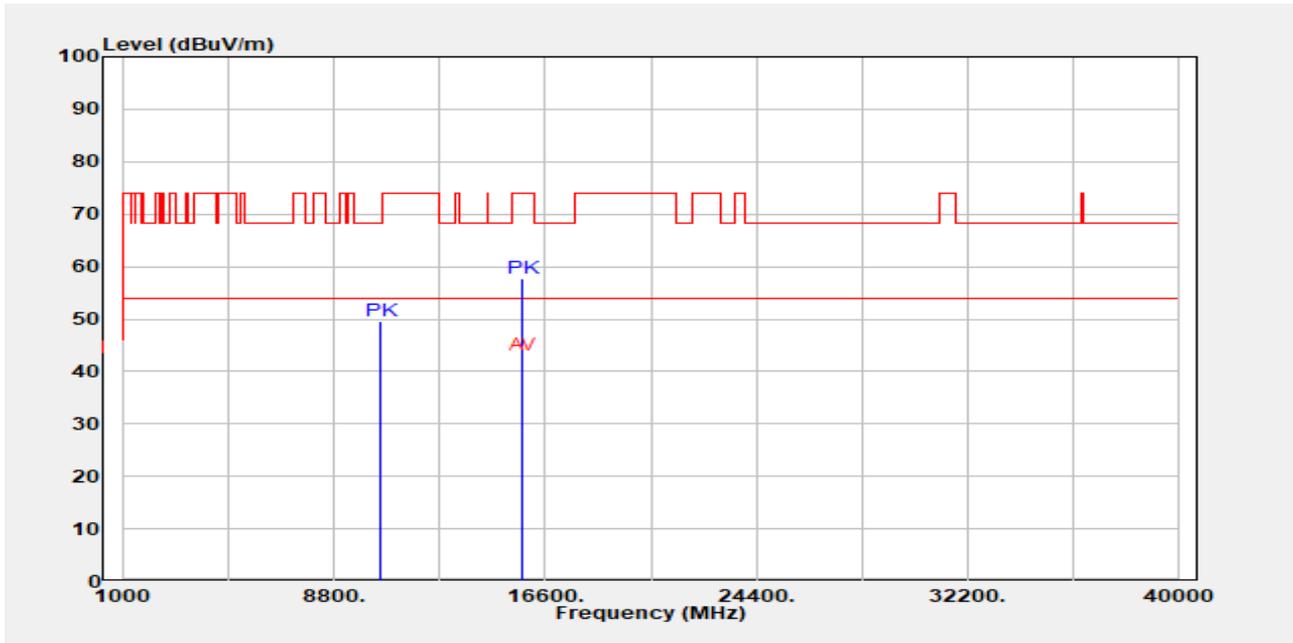
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5240 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-20  
Temp./Humi. :24.4°C/41%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10480.00	Peak	42.76	6.91	49.67	68.20	-18.53
15720.00	Peak	47.77	9.99	57.76	74.00	-16.24
15720.00	Average	33.20	9.99	43.19	54.00	-10.81

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

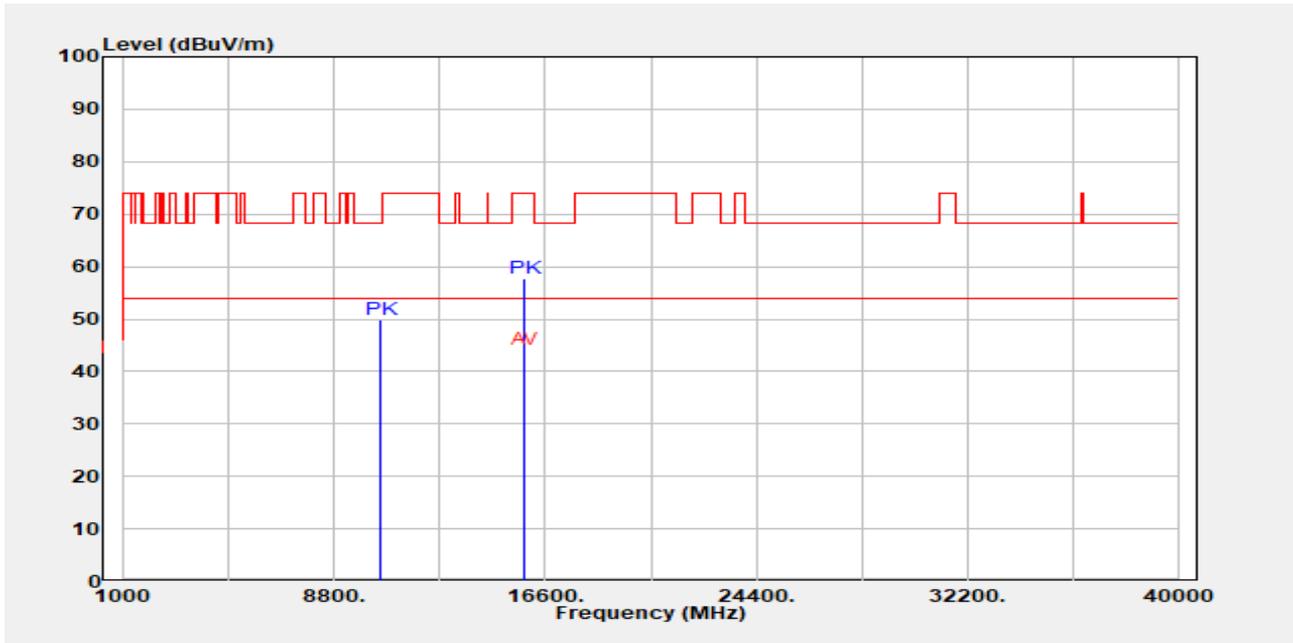
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5260 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-20  
Temp./Humi. :24.4°C/41%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10520.00	Peak	42.89	6.91	49.80	68.20	-18.40
15780.00	Peak	47.29	10.39	57.68	74.00	-16.32
15780.00	Average	33.70	10.39	44.09	54.00	-9.91

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

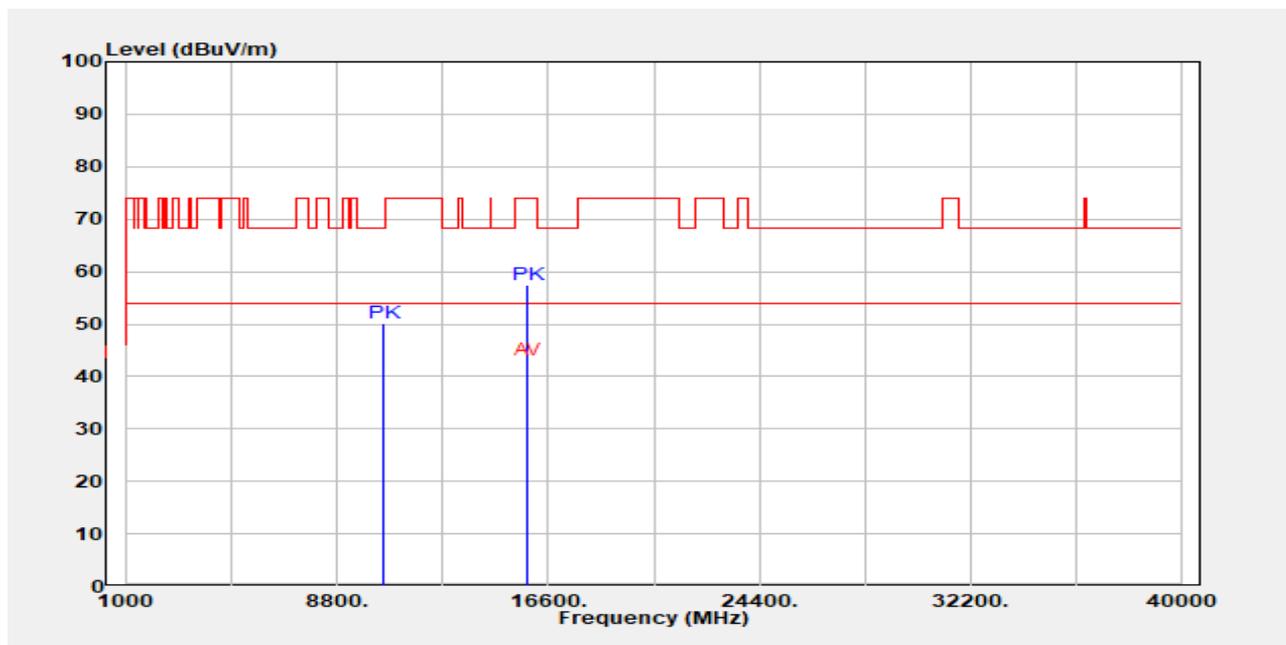
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5260 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-20  
 Temp./Humi. :24.4°C/41%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10520.00	Peak	43.24	6.91	50.15	68.20	-18.05
15780.00	Peak	46.94	10.39	57.33	74.00	-16.67
15780.00	Average	32.83	10.39	43.22	54.00	-10.78

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

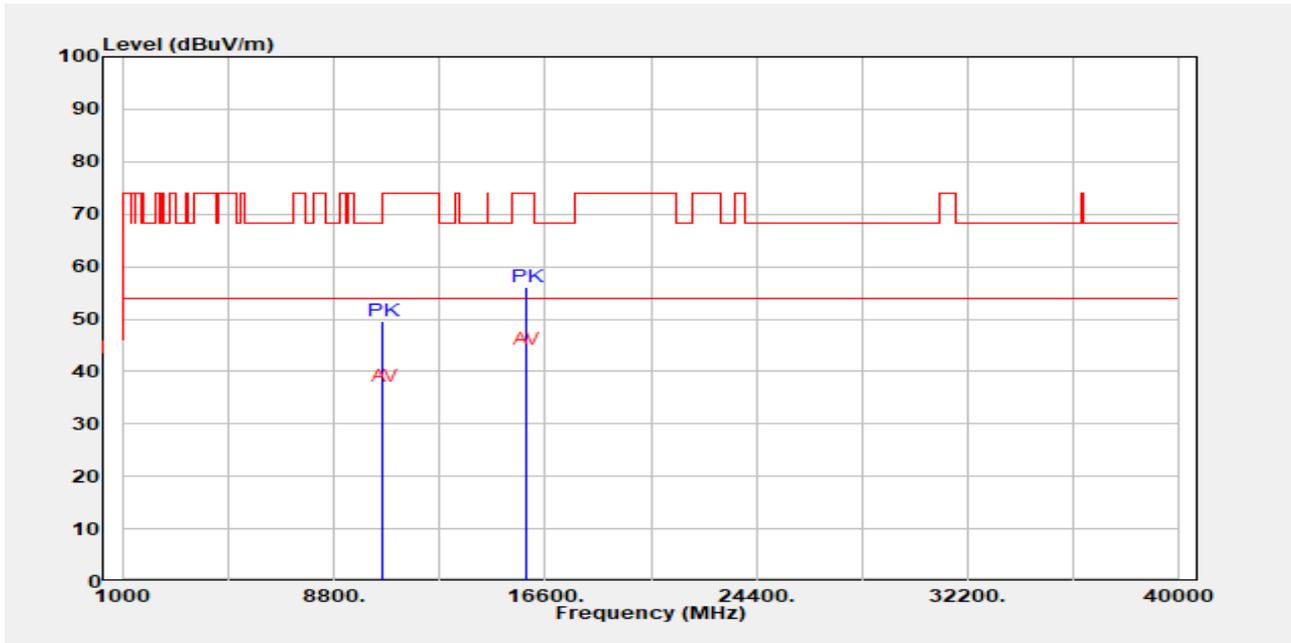
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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5300 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-21  
 Temp./Humi. :23.4°C/45%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Peak	42.77	6.87	49.64	74.00	-24.36
10600.00	Average	30.27	6.87	37.14	54.00	-16.86
15900.00	Peak	45.61	10.58	56.19	74.00	-17.81
15900.00	Average	33.69	10.58	44.27	54.00	-9.73

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

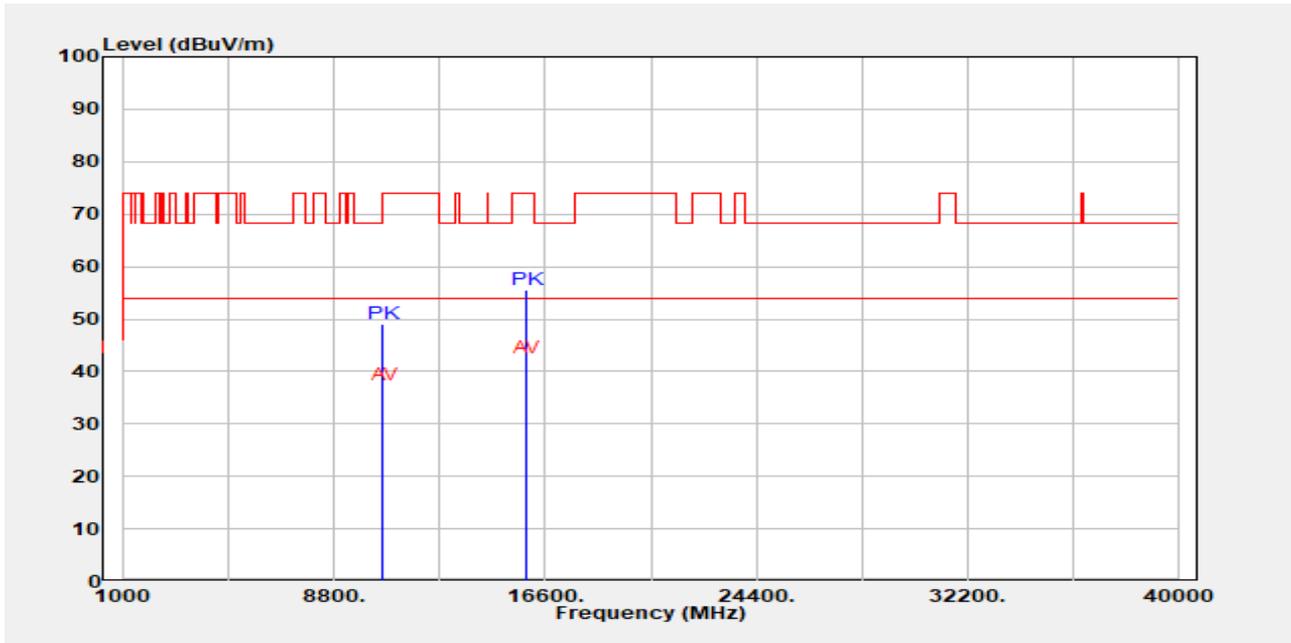
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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5300 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-21  
 Temp./Humi. :23.4°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.00	Peak	42.31	6.87	49.18	74.00	-24.82
10600.00	Average	30.50	6.87	37.37	54.00	-16.63
15900.00	Peak	45.01	10.58	55.59	74.00	-18.41
15900.00	Average	32.04	10.58	42.62	54.00	-11.38

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

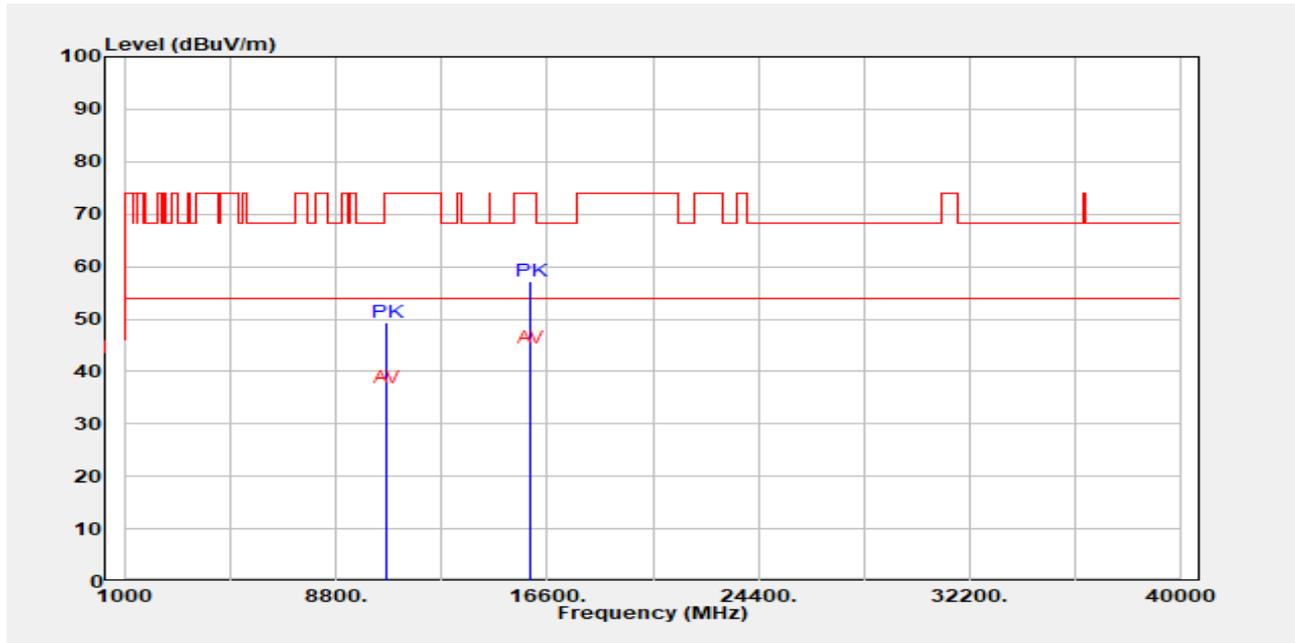
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5320 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
10640.00	Peak	42.44	6.97	49.41	74.00	-24.59
10640.00	Average	29.87	6.97	36.84	54.00	-17.16
15960.00	Peak	46.73	10.46	57.19	74.00	-16.81
15960.00	Average	33.92	10.46	44.38	54.00	-9.62

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

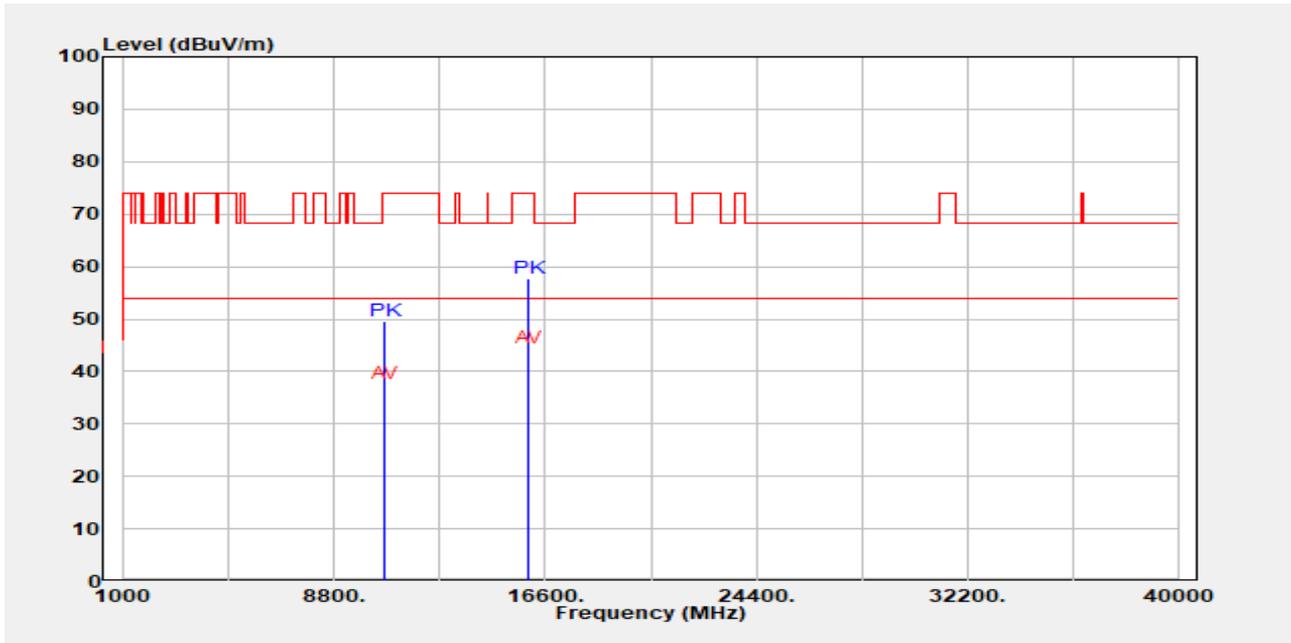
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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5320 MHz  
 Test Mode :Tx  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-21  
 Temp./Humi. :23.4°C/45%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10640.00	Peak	42.62	6.97	49.59	74.00	-24.41
10640.00	Average	30.71	6.97	37.68	54.00	-16.32
15960.00	Peak	47.39	10.46	57.85	74.00	-16.15
15960.00	Average	33.97	10.46	44.43	54.00	-9.57

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

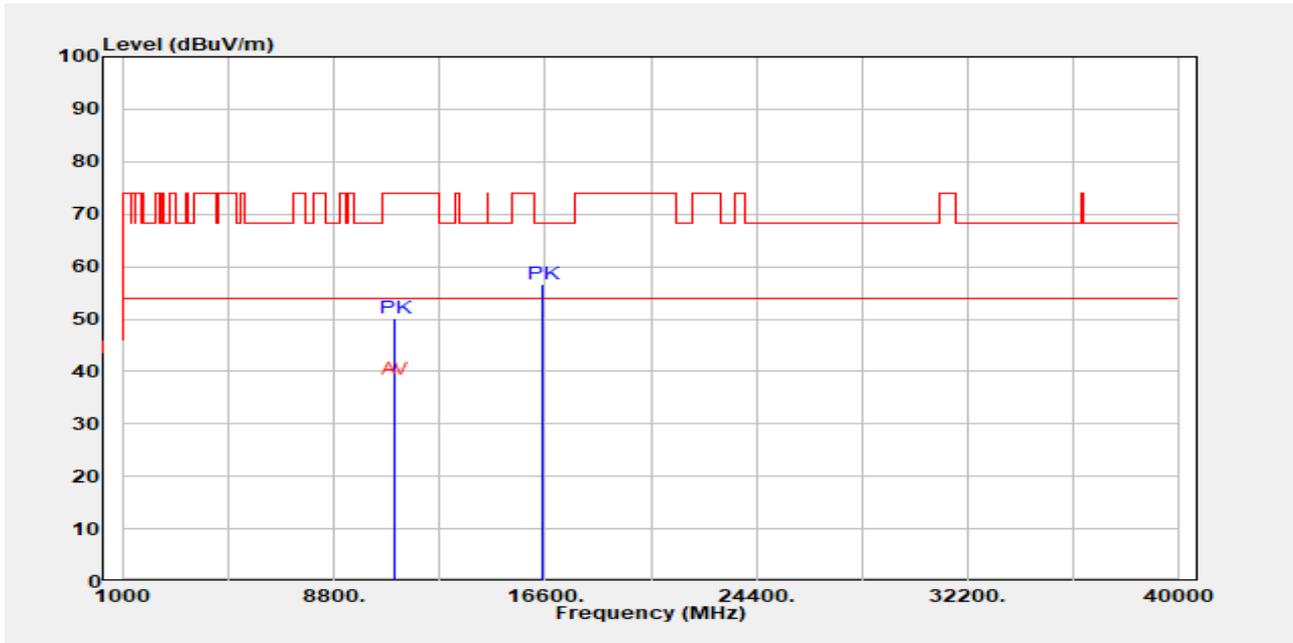
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5500 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11000.00	Peak	42.82	7.42	50.24	74.00	-23.76
11000.00	Average	31.17	7.42	38.59	54.00	-15.41
16500.00	Peak	46.00	10.65	56.65	68.20	-11.55

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

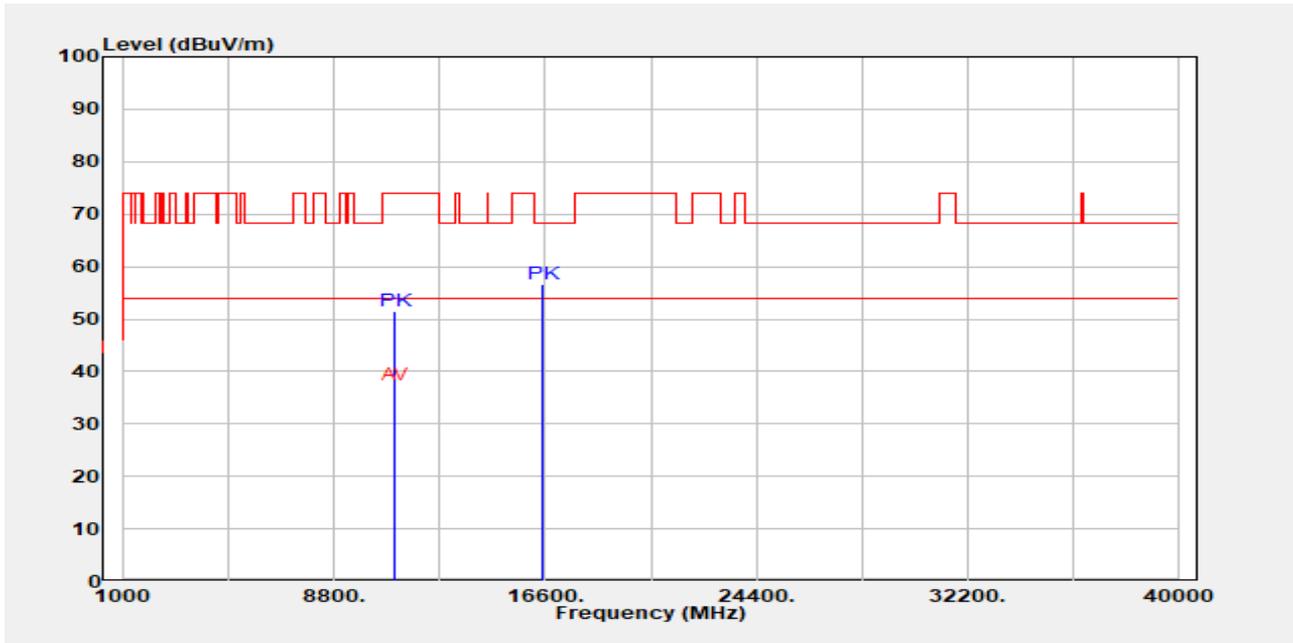
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5500 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11000.00	Peak	44.20	7.42	51.62	74.00	-22.38
11000.00	Average	29.95	7.42	37.37	54.00	-16.63
16500.00	Peak	46.10	10.65	56.75	68.20	-11.45

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

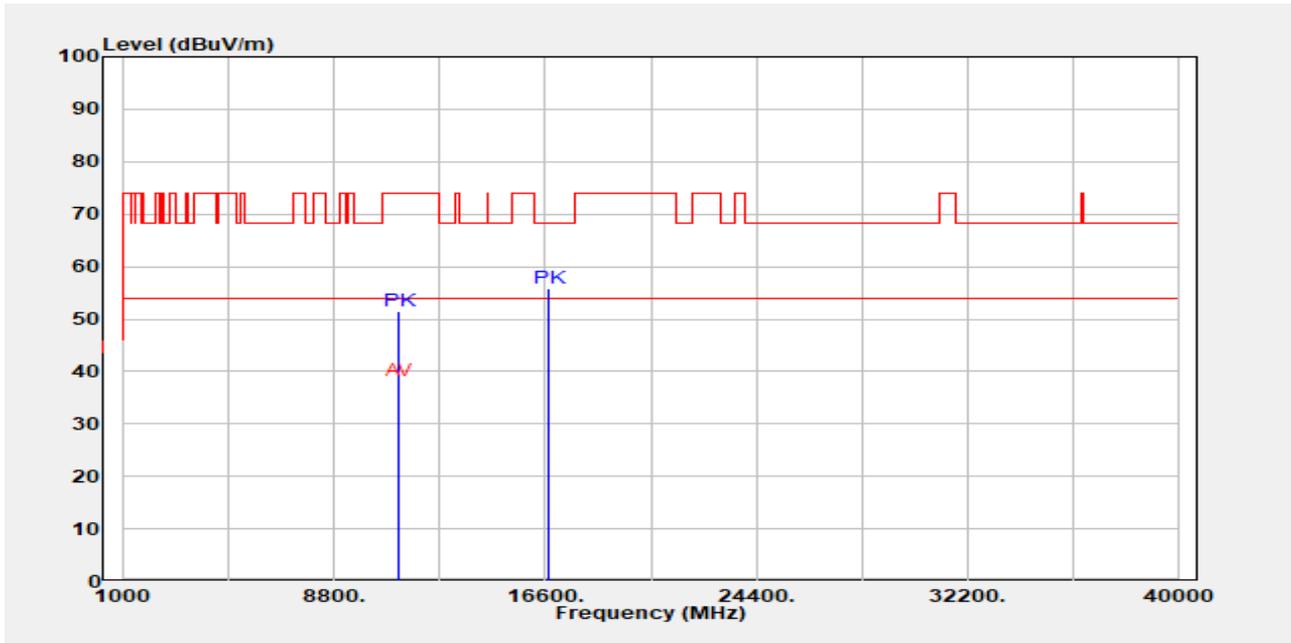
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5580 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11160.00	Peak	43.61	7.79	51.40	74.00	-22.60
11160.00	Average	30.34	7.79	38.13	54.00	-15.87
16740.00	Peak	45.92	9.90	55.82	68.20	-12.38

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

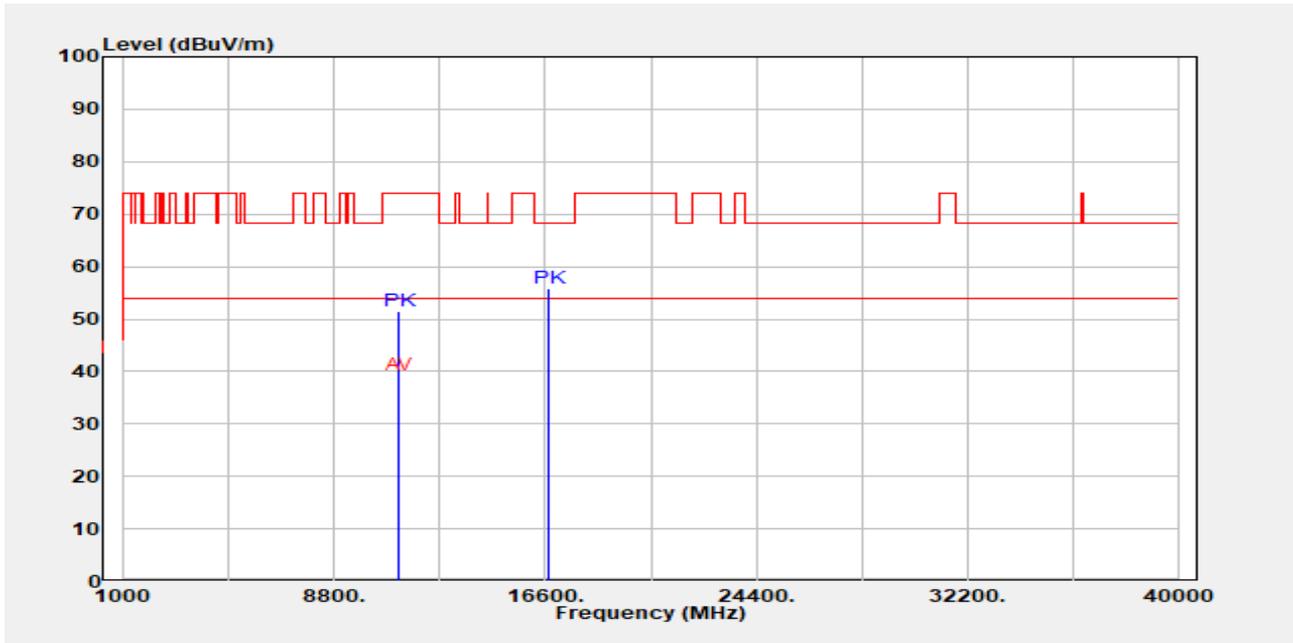
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5580 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11160.00	Peak	43.62	7.79	51.41	74.00	-22.59
11160.00	Average	31.58	7.79	39.37	54.00	-14.63
16740.00	Peak	45.82	9.90	55.72	68.20	-12.48

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

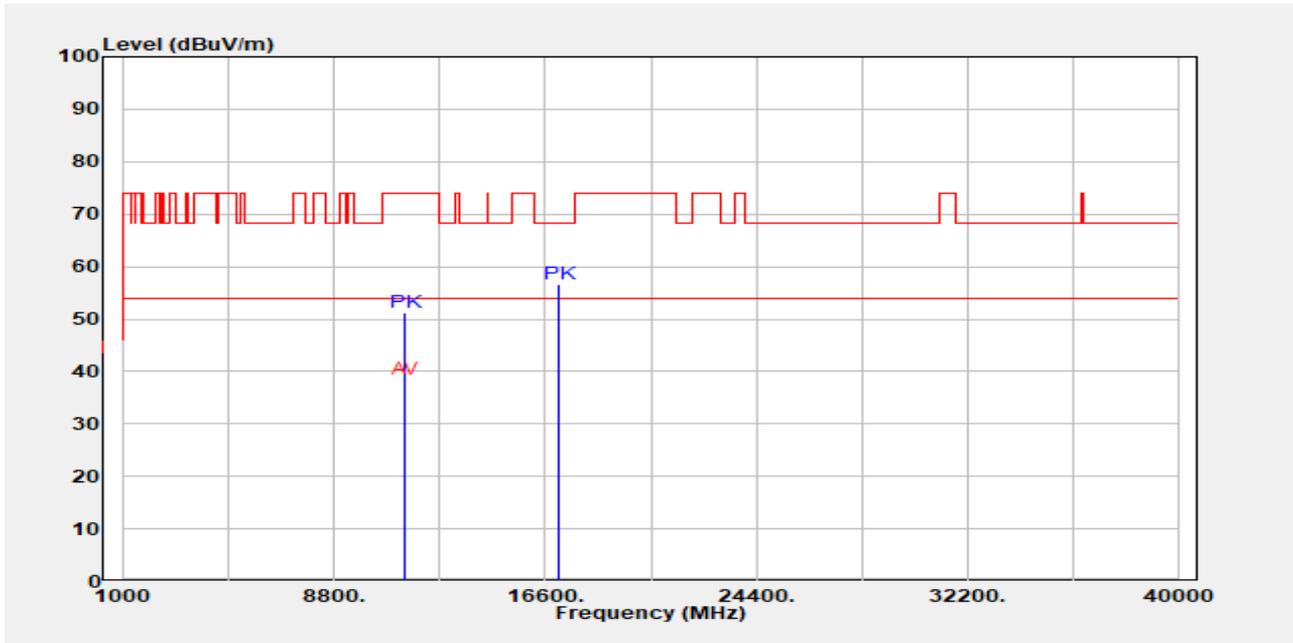
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5700 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
11400.00	Peak	43.11	8.11	51.22	74.00	-22.78
11400.00	Average	30.44	8.11	38.55	54.00	-15.45
17100.00	Peak	46.87	9.83	56.70	68.20	-11.50

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

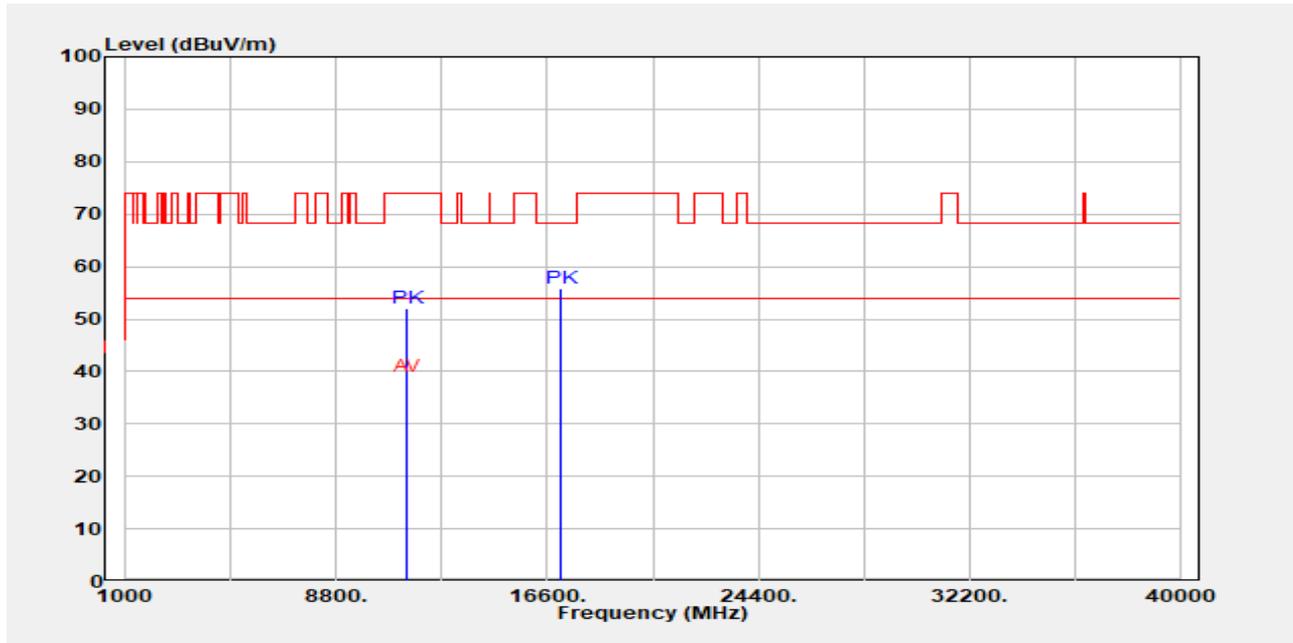
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5700 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11400.00	Peak	43.89	8.11	52.00	74.00	-22.00
11400.00	Average	30.84	8.11	38.95	54.00	-15.05
17100.00	Peak	45.96	9.83	55.79	68.20	-12.41

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

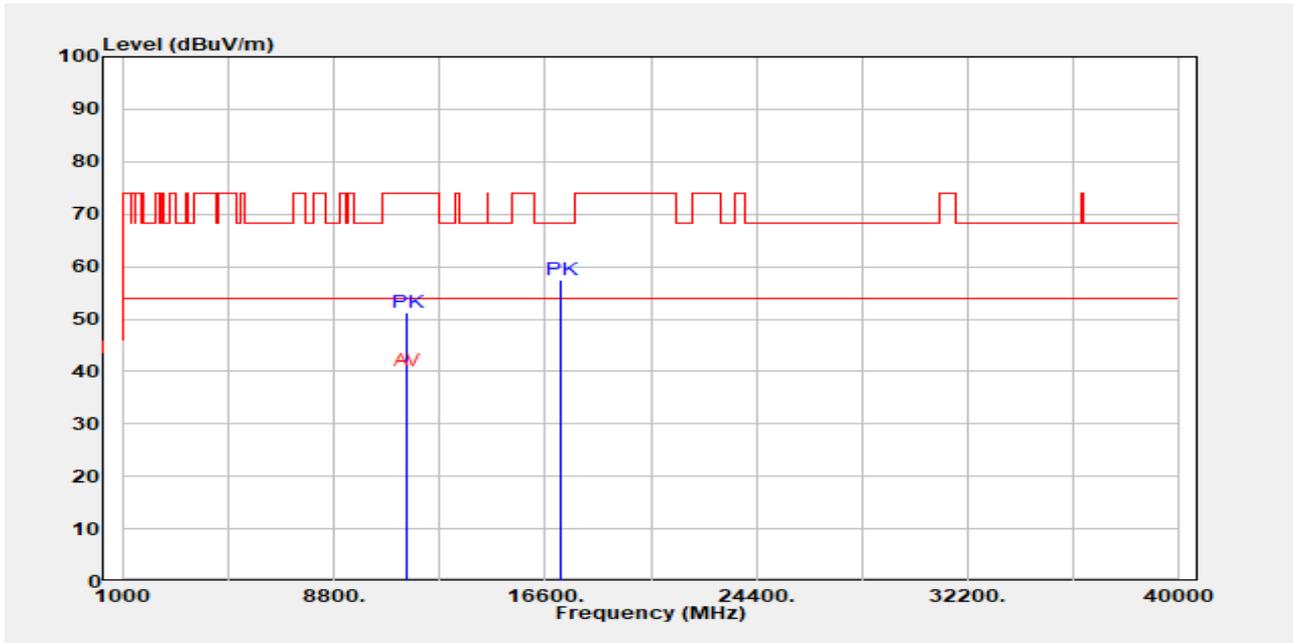
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5720 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11440.00	Peak	43.07	8.18	51.25	74.00	-22.75
11440.00	Average	31.79	8.18	39.97	54.00	-14.03
17160.00	Peak	47.67	9.67	57.34	68.20	-10.86

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

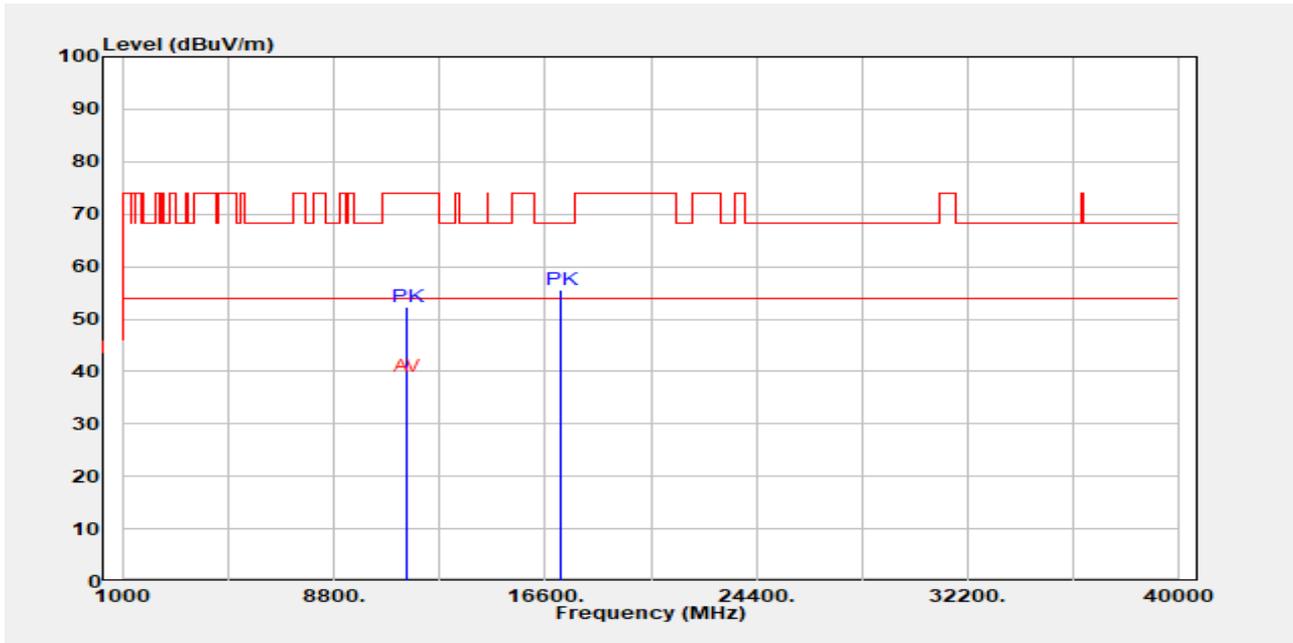
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5720 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11440.00	Peak	44.03	8.18	52.21	74.00	-21.79
11440.00	Average	30.94	8.18	39.12	54.00	-14.88
17160.00	Peak	45.97	9.67	55.64	68.20	-12.56

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

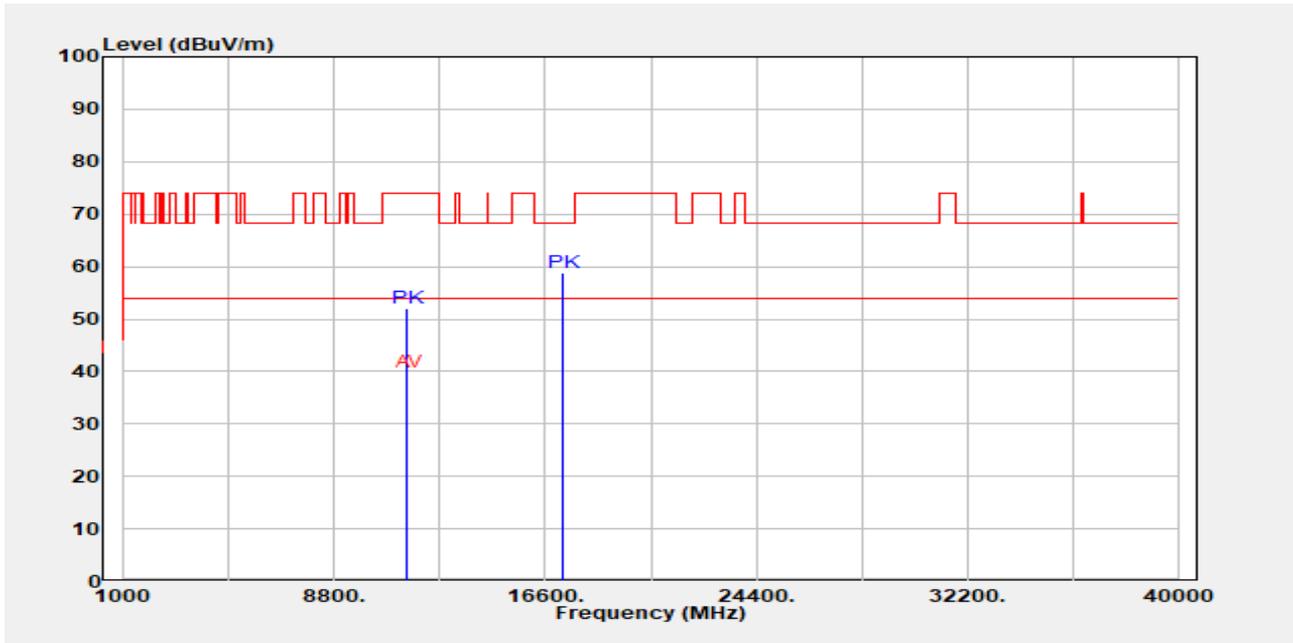
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5745 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11490.00	Peak	43.75	8.30	52.05	74.00	-21.95
11490.00	Average	31.59	8.30	39.89	54.00	-14.11
17235.00	Peak	49.31	9.38	58.69	68.20	-9.51

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

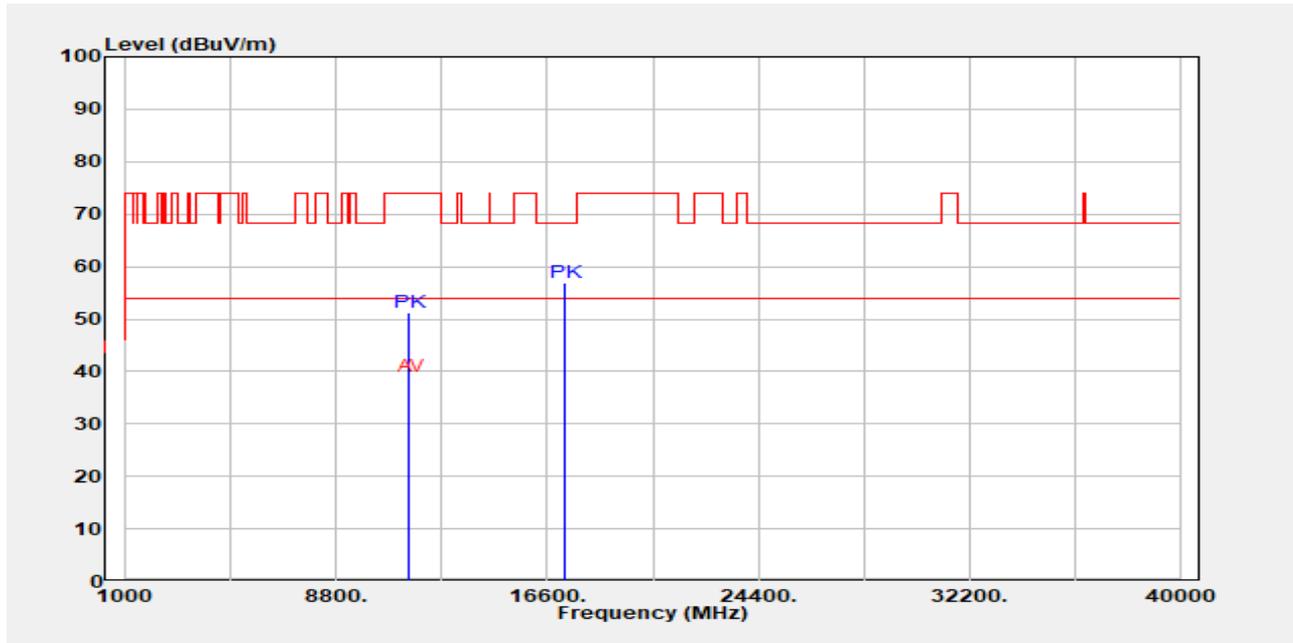
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5745 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Peak	42.93	8.30	51.23	74.00	-22.77
11490.00	Average	30.83	8.30	39.13	54.00	-14.87
17235.00	Peak	47.43	9.38	56.81	68.20	-11.39

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

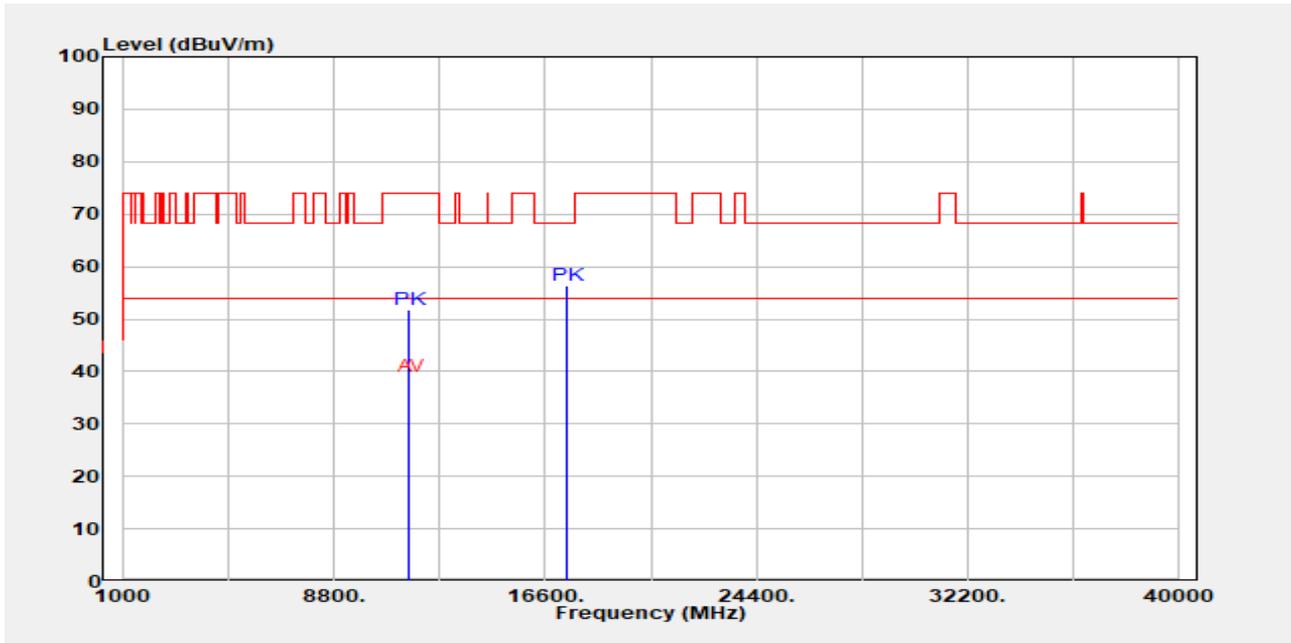
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5785 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Peak	43.38	8.41	51.79	74.00	-22.21
11570.00	Average	30.49	8.41	38.90	54.00	-15.10
17355.00	Peak	47.41	9.01	56.42	68.20	-11.78

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

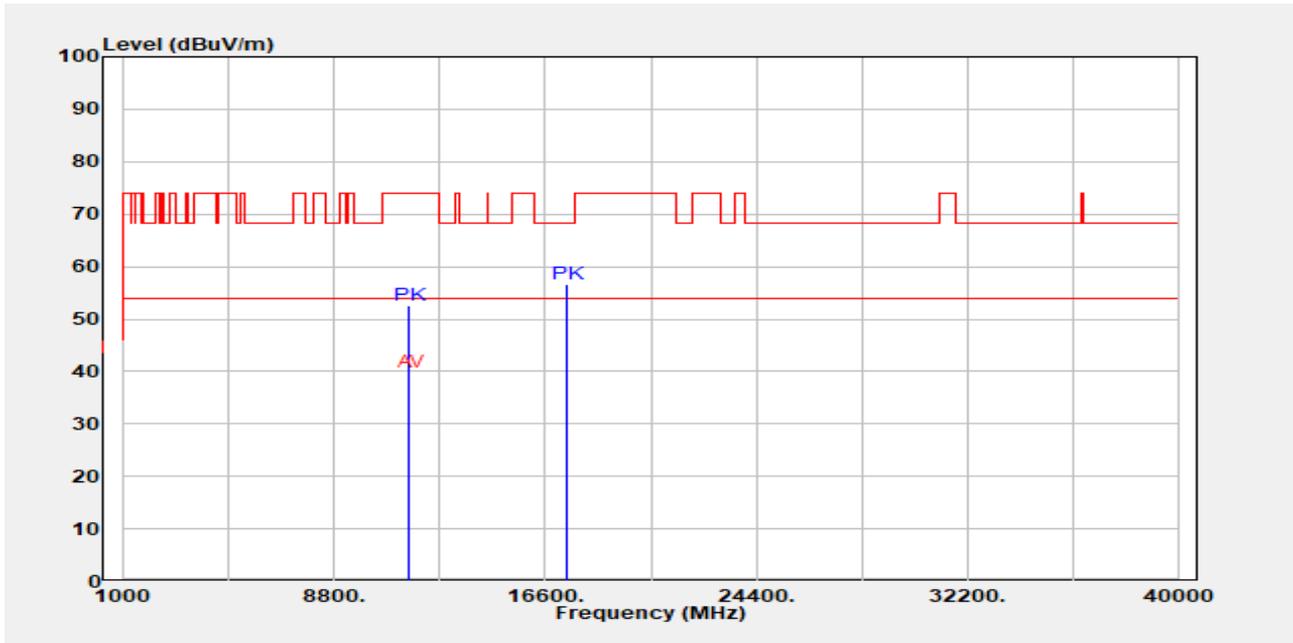
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5785 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11570.00	Peak	44.30	8.41	52.71	74.00	-21.29
11570.00	Average	31.45	8.41	39.86	54.00	-14.14
17355.00	Peak	47.67	9.01	56.68	68.20	-11.52

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

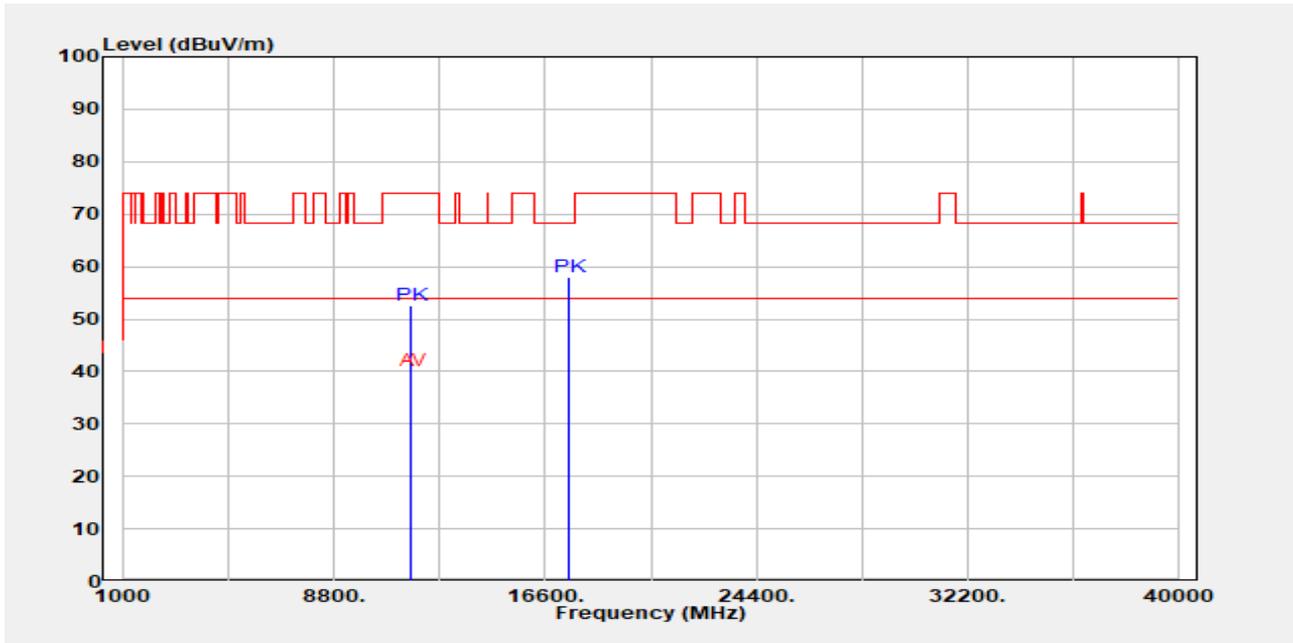
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5825 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11650.00	Peak	44.48	8.21	52.69	74.00	-21.31
11650.00	Average	32.02	8.21	40.23	54.00	-13.77
17475.00	Peak	49.48	8.48	57.96	68.20	-10.24

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

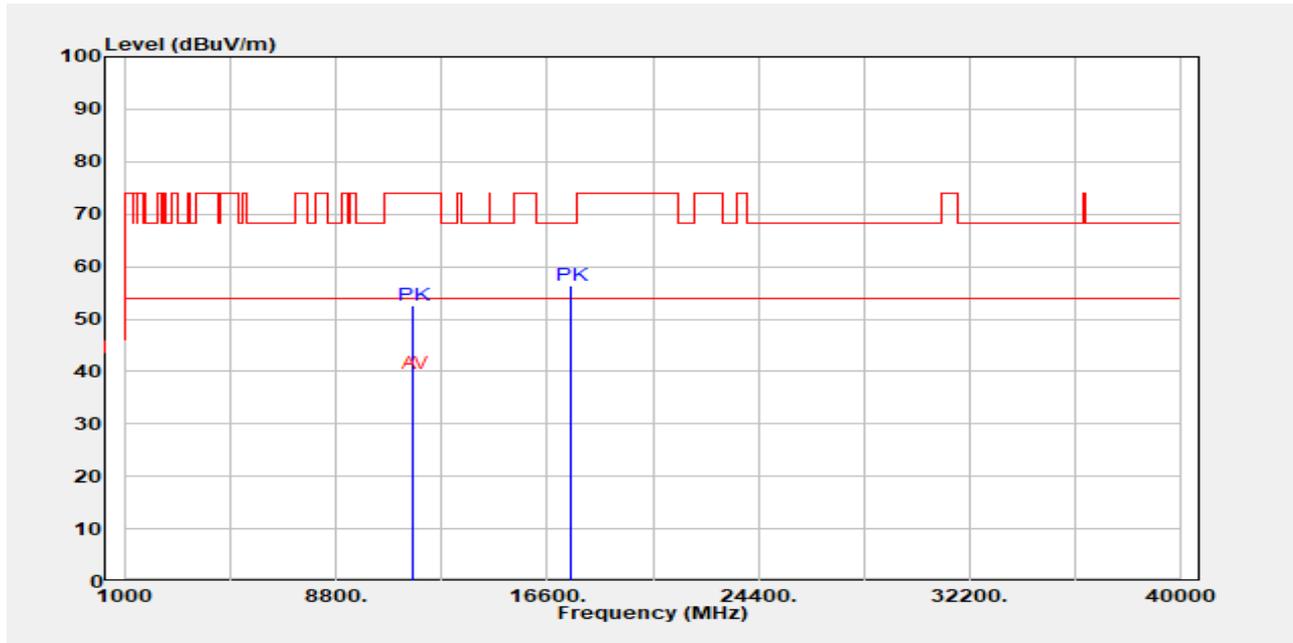
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5825 MHz  
Test Mode :Tx  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-21  
Temp./Humi. :23.4°C/45%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
11650.00	Peak	44.41	8.21	52.62	74.00	-21.38
11650.00	Average	31.36	8.21	39.57	54.00	-14.43
17475.00	Peak	47.86	8.48	56.34	68.20	-11.86

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

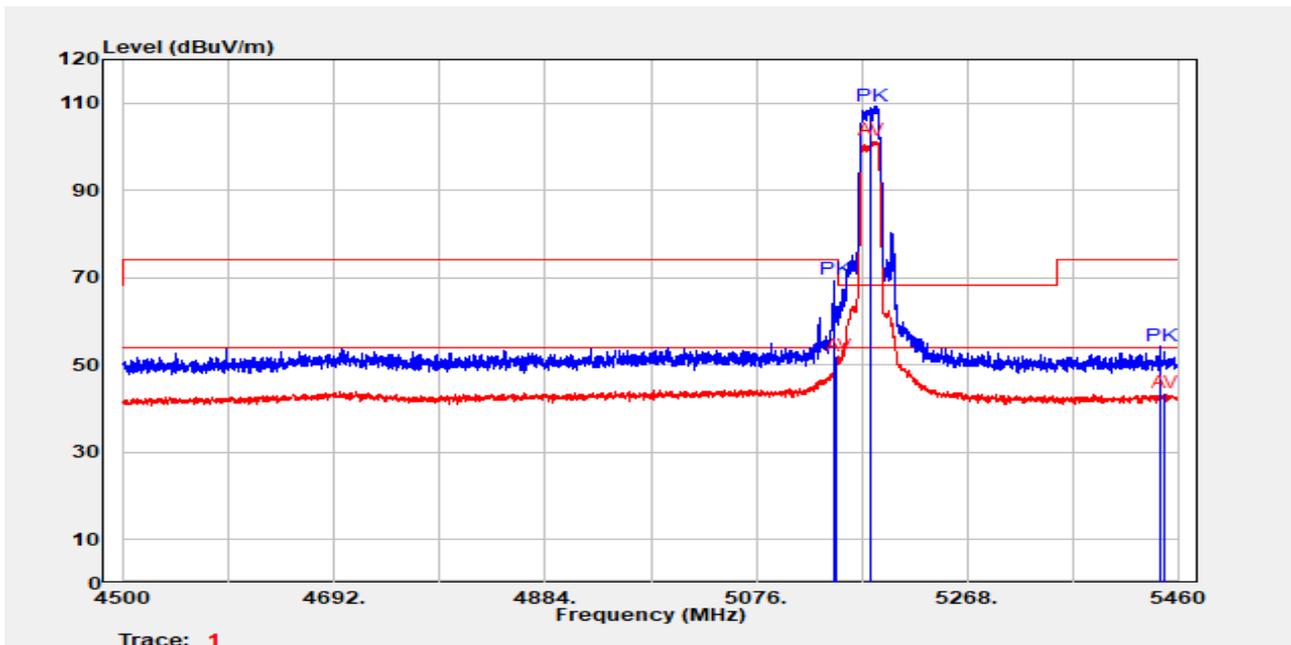
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### 11.6.2 Band edge falling to restricted band

Report Number	:TERF2503001003ER	Test Site	:SAC 2
Operation Mode	:802.11a	Test Date	:2025-03-14
Test Frequency	:5180 MHz	Temp./Humi.	:24.5°C/58%
Test Mode	:Bandedge	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5147.44	Peak	67.85	1.60	69.45	74.00	-4.55
5149.60	Average	50.41	1.60	52.01	54.00	-1.99
5180.00	Peak	107.68	1.61	109.29	-	-
5180.00	Average	99.85	1.61	101.46	-	-
5443.92	Peak	52.72	1.44	54.16	74.00	-19.84
5447.76	Average	42.05	1.45	43.50	54.00	-10.50

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

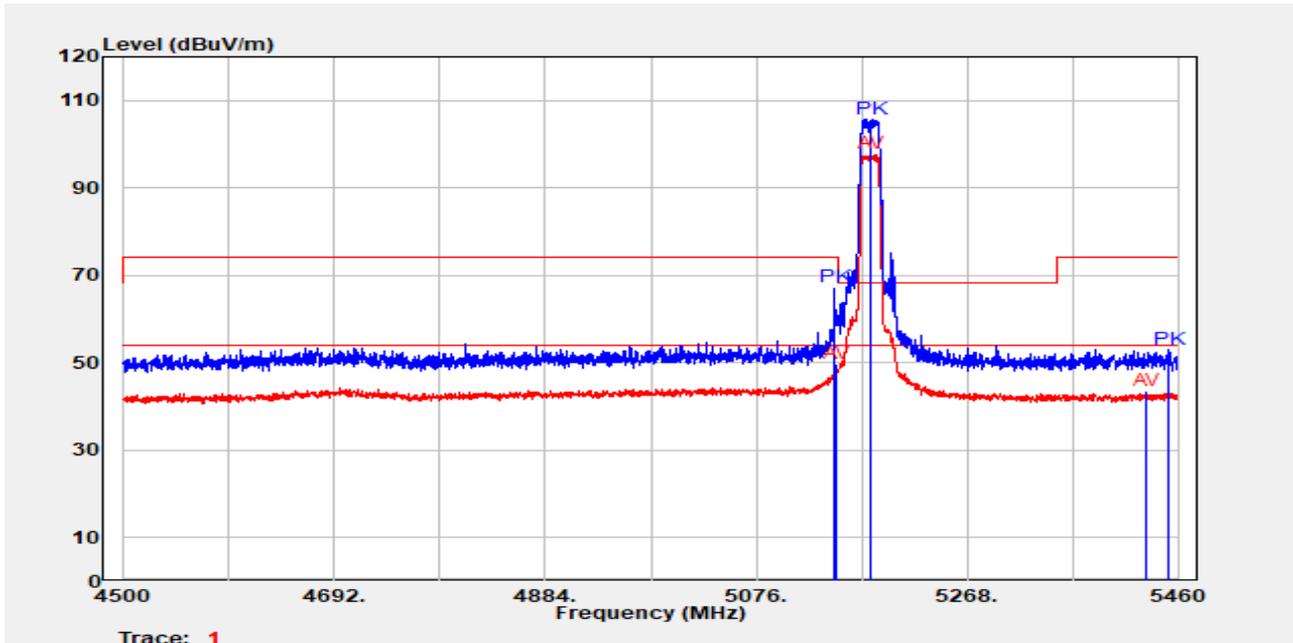
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5180 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
5147.20	Peak	65.66	1.60	67.26	74.00	-6.74
5148.64	Average	48.00	1.60	49.60	54.00	-4.40
5180.00	Peak	104.08	1.61	105.69	-	-
5180.00	Average	96.33	1.61	97.94	-	-
5430.71	Average	42.01	1.40	43.41	54.00	-10.59
5451.84	Peak	51.49	1.47	52.96	74.00	-21.04

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

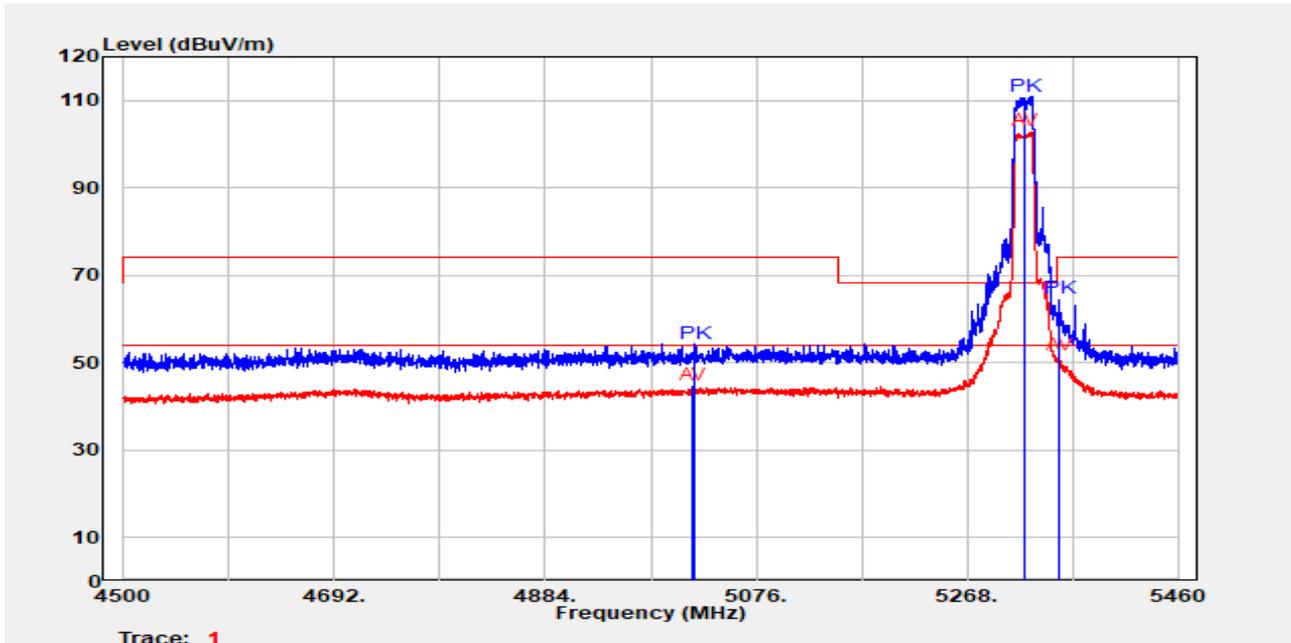
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5320 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
5017.33	Average	43.22	1.64	44.86	54.00	-9.14
5019.25	Peak	52.76	1.65	54.41	74.00	-19.59
5320.00	Peak	109.63	1.26	110.89	-	-
5320.00	Average	101.90	1.26	103.16	-	-
5351.25	Average	50.41	1.33	51.74	54.00	-2.26
5351.49	Peak	63.48	1.33	64.81	74.00	-9.19

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

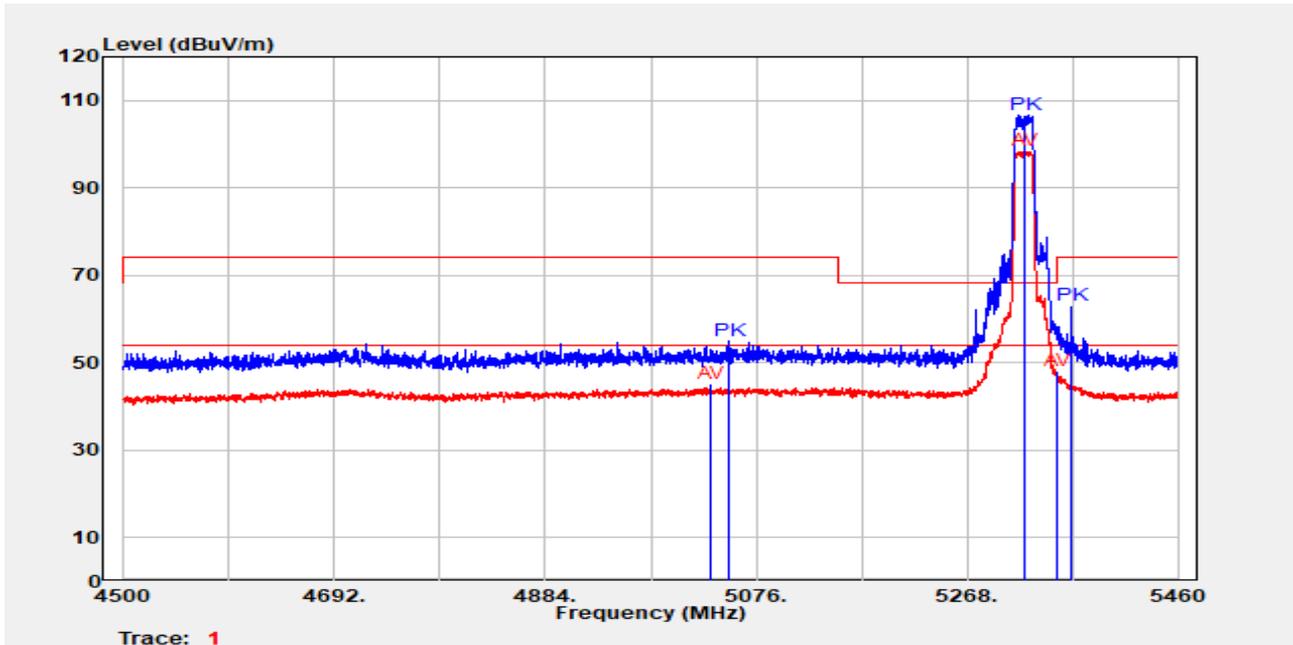
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5320 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5034.13	Average	43.40	1.67	45.07	54.00	-8.93
5050.70	Peak	53.20	1.69	54.89	74.00	-19.11
5320.00	Peak	105.30	1.26	106.56	-	-
5320.00	Average	97.35	1.26	98.61	-	-
5350.05	Average	46.90	1.33	48.23	54.00	-5.77
5362.78	Peak	61.69	1.33	63.02	74.00	-10.98

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

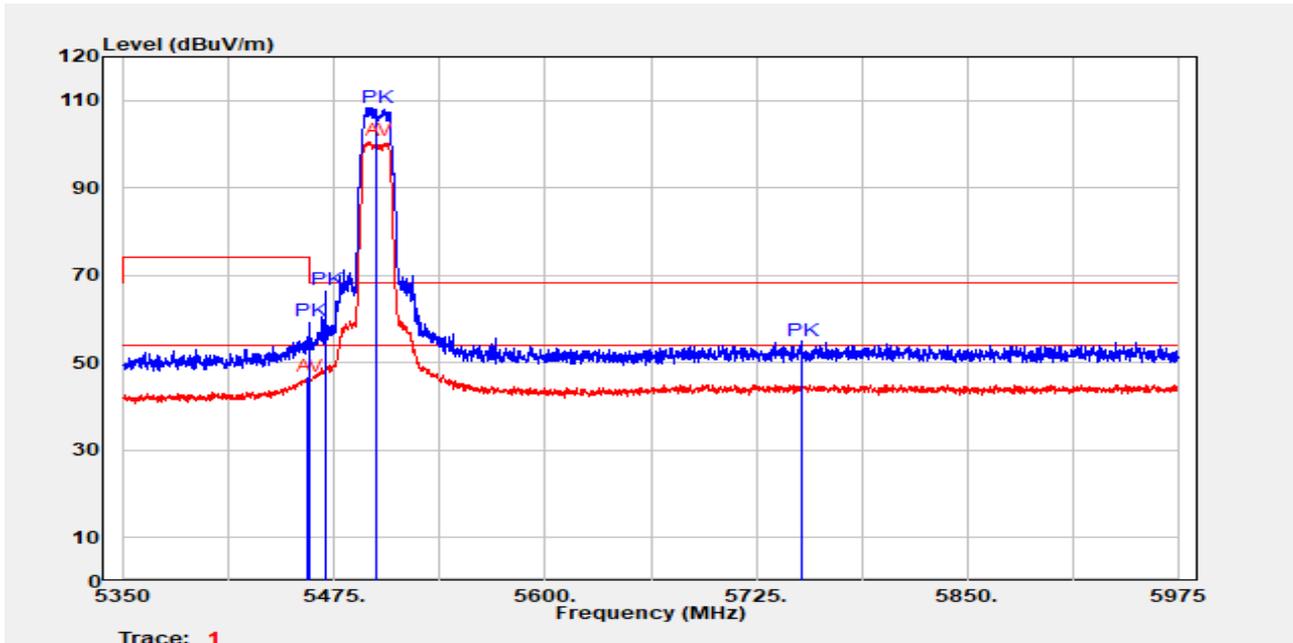
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5500 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.41	Average	45.48	1.51	46.99	54.00	-7.01
5459.83	Peak	58.01	1.51	59.52	74.00	-14.48
5469.21	Peak	65.13	1.55	66.68	68.20	-1.52
5500.00	Peak	106.72	1.69	108.41	-	-
5500.00	Average	99.26	1.69	100.95	-	-
5752.01	Peak	51.84	2.96	54.80	68.20	-13.40

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

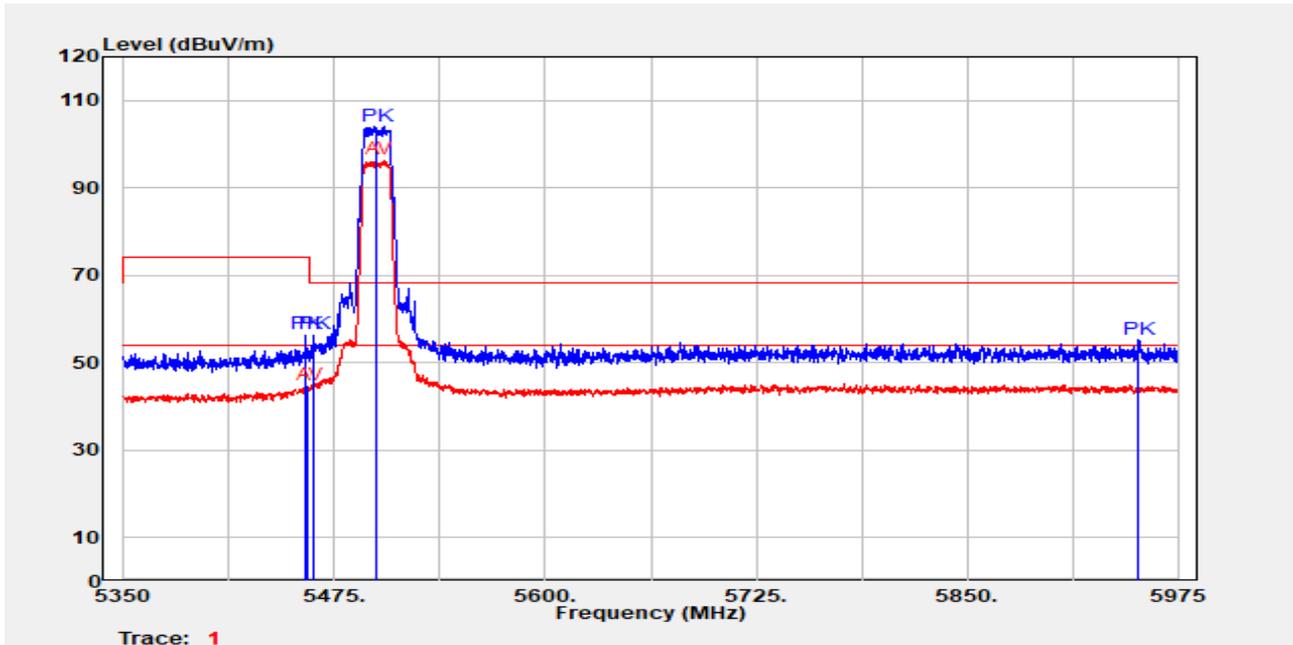
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5500 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.54	Peak	55.10	1.49	56.59	74.00	-17.41
5459.20	Average	43.44	1.51	44.95	54.00	-9.05
5462.33	Peak	54.94	1.52	56.46	68.20	-11.74
5500.00	Peak	102.35	1.69	104.04	-	-
5500.00	Average	94.89	1.69	96.58	-	-
5951.87	Peak	52.39	3.06	55.45	68.20	-12.75

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

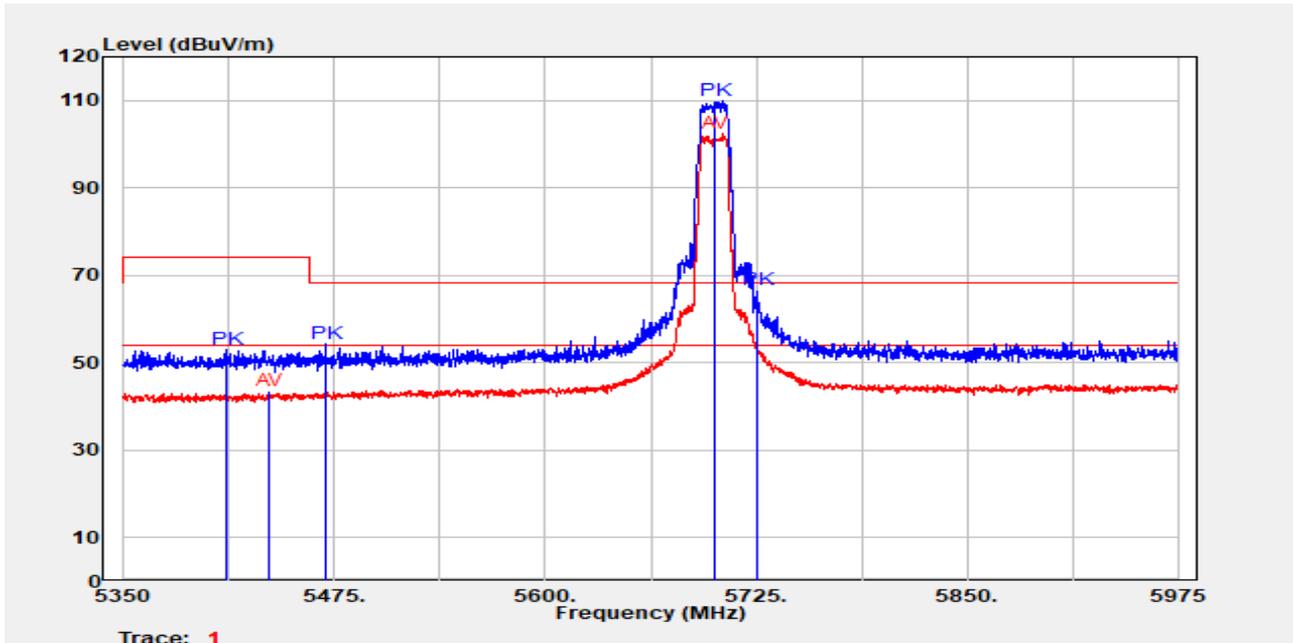
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5700 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5410.23	Peak	51.68	1.35	53.03	74.00	-20.97
5436.07	Average	42.23	1.41	43.64	54.00	-10.36
5470.00	Peak	52.88	1.55	54.43	68.20	-13.77
5700.00	Peak	107.01	2.79	109.80	-	-
5700.00	Average	99.80	2.79	102.59	-	-
5725.00	Peak	63.77	2.87	66.64	68.20	-1.56

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

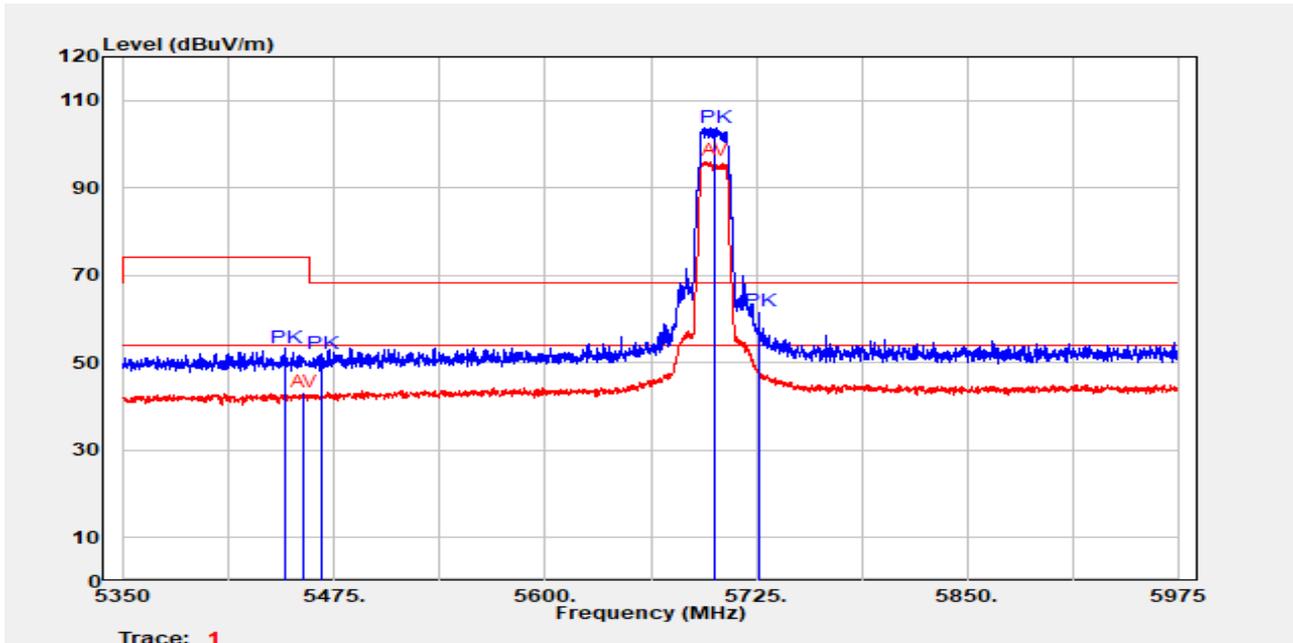
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5700 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5445.24	Peak	51.84	1.44	53.28	74.00	-20.72
5456.29	Average	41.80	1.49	43.29	54.00	-10.71
5466.71	Peak	50.56	1.54	52.10	68.20	-16.10
5700.00	Peak	100.99	2.79	103.78	-	-
5700.00	Average	93.58	2.79	96.37	-	-
5726.58	Peak	58.77	2.87	61.64	68.20	-6.56

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

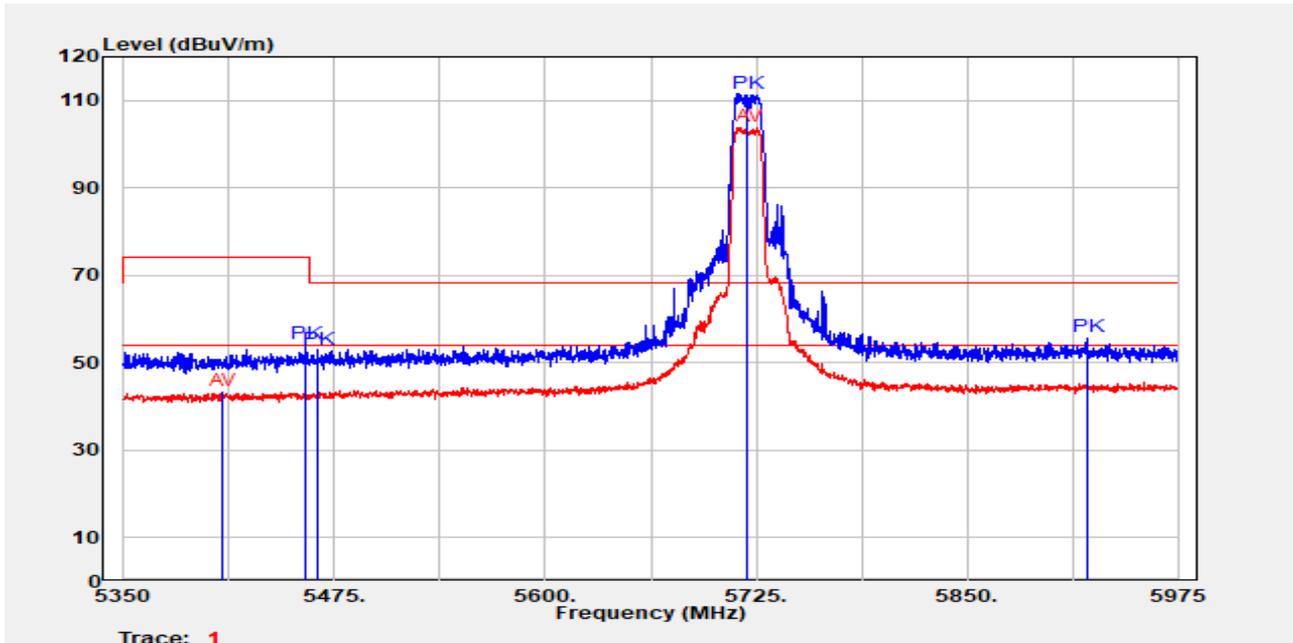
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5720 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5407.94	Average	42.10	1.35	43.45	54.00	-10.55
5457.33	Peak	52.66	1.49	54.15	74.00	-19.85
5464.83	Peak	51.35	1.53	52.88	68.20	-15.32
5720.00	Peak	108.81	2.85	111.66	-	-
5720.00	Average	101.31	2.85	104.16	-	-
5921.02	Peak	52.86	3.16	56.02	68.20	-12.18

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

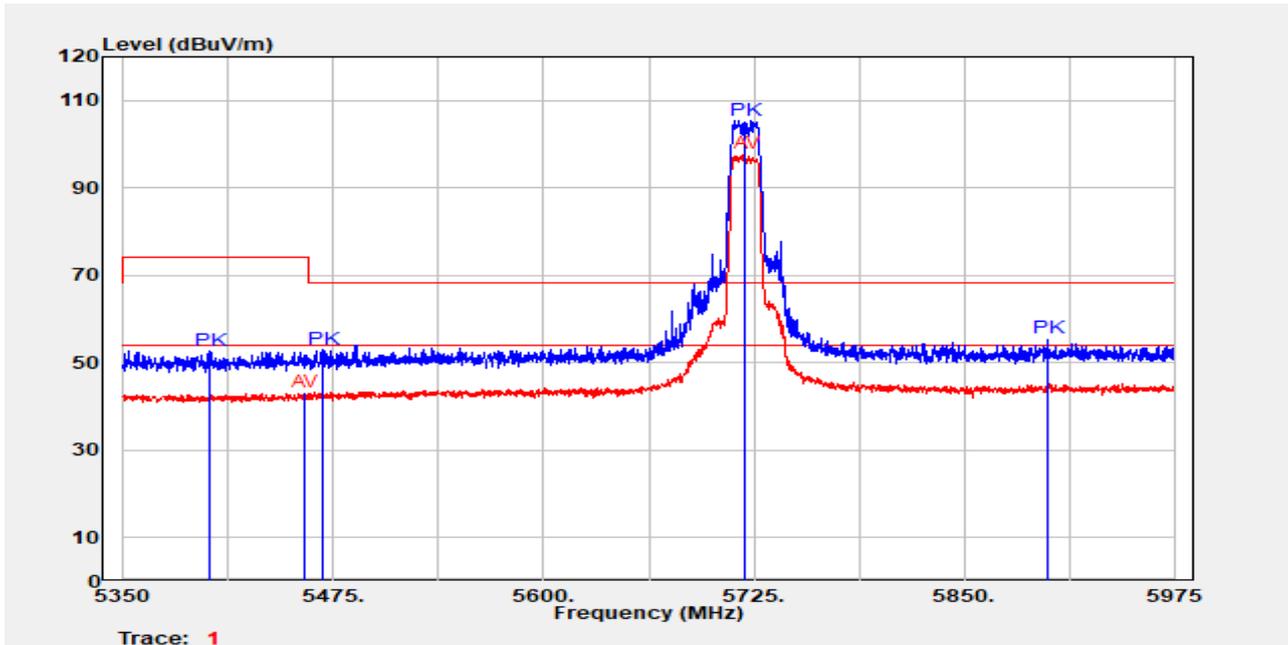
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5720 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5401.68	Peak	51.40	1.33	52.73	74.00	-21.27
5457.33	Average	41.77	1.49	43.26	54.00	-10.74
5467.96	Peak	51.60	1.54	53.14	68.20	-15.06
5720.00	Peak	102.57	2.86	105.43	-	-
5720.00	Average	95.18	2.85	98.03	-	-
5899.77	Peak	52.50	3.23	55.73	68.20	-12.47

Duty Cycle=93.09%

Average Duty Factor=0.31 (dB)

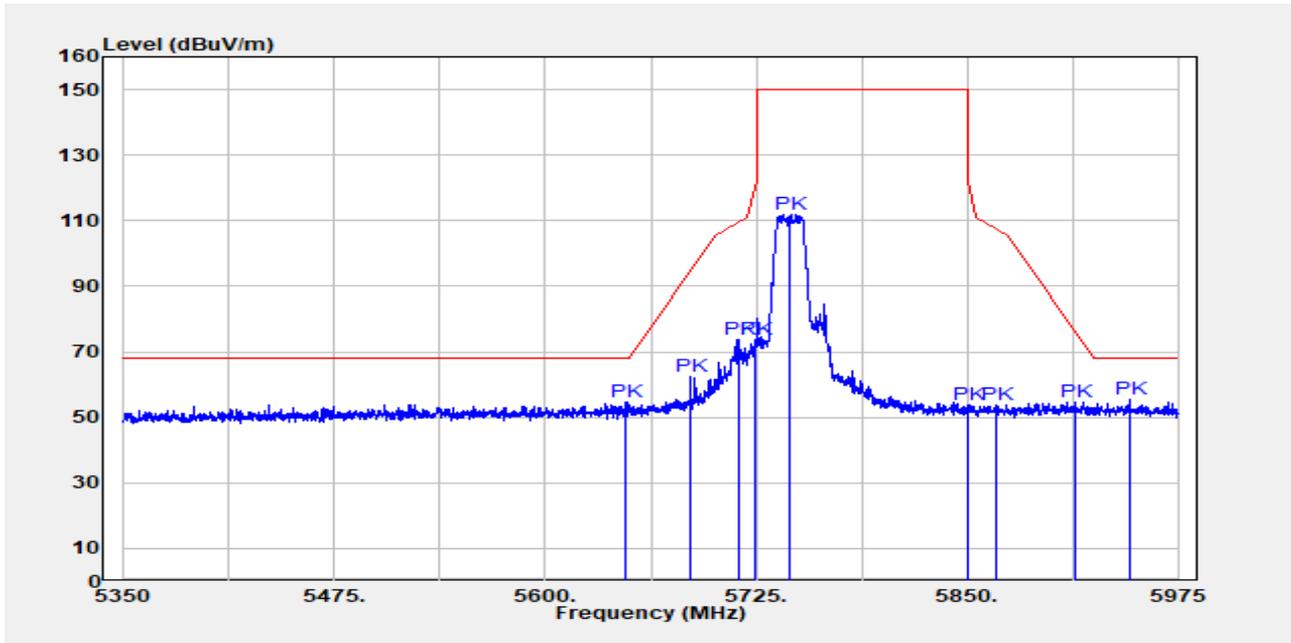
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5745 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-14  
 Temp./Humi. :24.5°C/58%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5648.02	Peak	52.33	2.34	54.67	68.20	-13.53
5685.95	Peak	59.90	2.67	62.57	94.80	-32.23
5715.12	Peak	70.91	2.84	73.75	109.43	-35.68
5724.92	Peak	70.71	2.87	73.58	122.01	-48.43
5745.00	Peak	108.81	2.93	111.74	-	-
5850.38	Peak	50.92	2.99	53.91	121.35	-67.44
5867.46	Peak	50.72	3.07	53.79	107.31	-53.52
5914.56	Peak	51.53	3.18	54.71	75.92	-21.21
5946.45	Peak	52.22	3.08	55.30	68.20	-12.90

Duty Cycle=93.09%  
 Average Duty Factor=0.31 (dB)

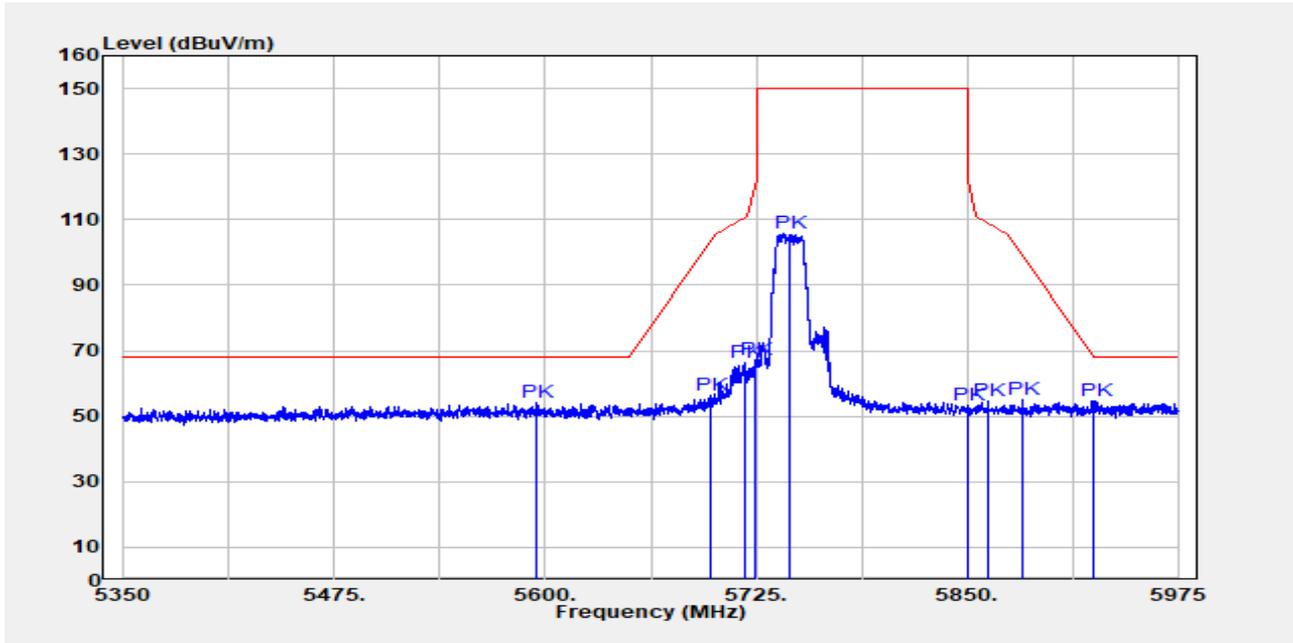
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5745 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-14  
 Temp./Humi. :24.5°C/58%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5594.67	Peak	51.99	2.08	54.07	68.20	-14.13
5697.41	Peak	53.51	2.77	56.28	103.28	-47.00
5718.04	Peak	63.68	2.85	66.53	110.25	-43.72
5724.08	Peak	64.37	2.87	67.24	120.11	-52.87
5745.00	Peak	102.90	2.93	105.83	-	-
5850.58	Peak	50.22	2.99	53.21	120.87	-67.66
5862.67	Peak	51.71	3.05	54.76	108.65	-53.89
5883.30	Peak	52.08	3.15	55.23	99.06	-43.83
5925.61	Peak	51.45	3.15	54.60	68.20	-13.60

Duty Cycle=93.09%  
 Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

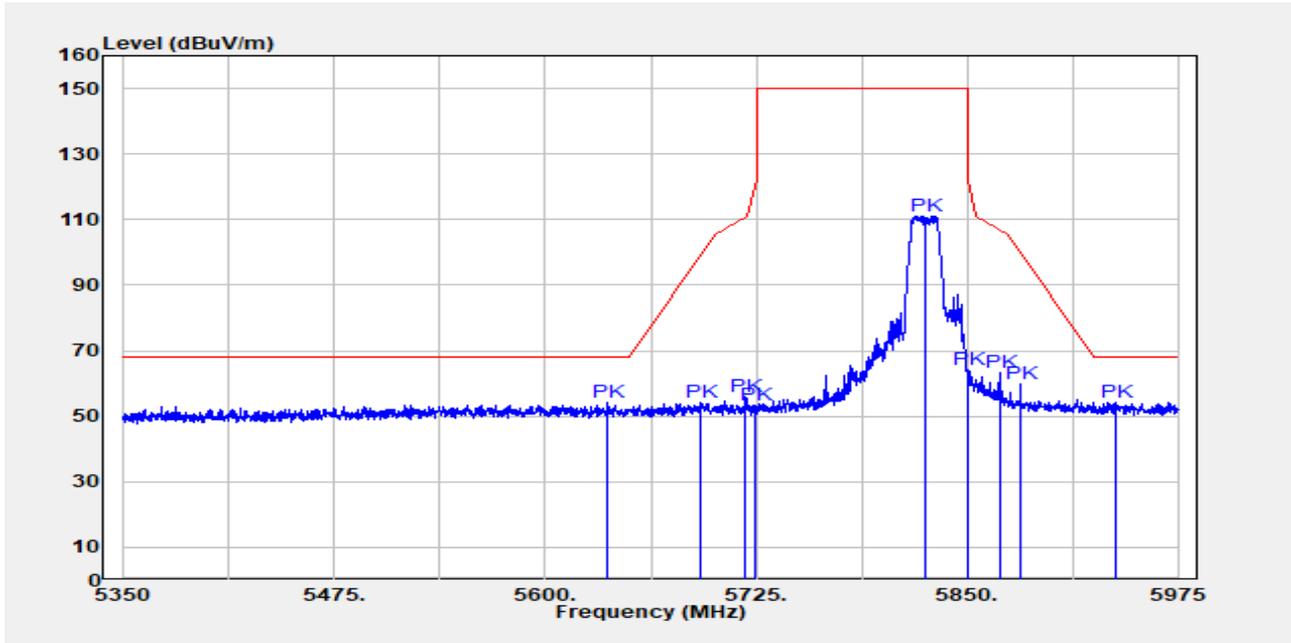
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Report Number :TERF2503001003ER  
 Operation Mode :802.11a  
 Test Frequency :5825 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-14  
 Temp./Humi. :24.5°C/58%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5636.55	Peak	51.85	2.29	54.14	68.20	-14.06
5691.99	Peak	51.54	2.73	54.27	99.27	-45.00
5718.87	Peak	53.23	2.85	56.08	110.48	-54.40
5723.88	Peak	50.61	2.87	53.48	119.64	-66.16
5825.00	Peak	108.14	3.05	111.19	-	-
5850.38	Peak	61.06	2.99	64.05	121.35	-57.30
5869.34	Peak	60.36	3.09	63.45	106.78	-43.33
5881.64	Peak	56.59	3.15	59.74	100.29	-40.55
5937.90	Peak	51.21	3.11	54.32	68.20	-13.88

Duty Cycle=93.09%  
 Average Duty Factor=0.31 (dB)

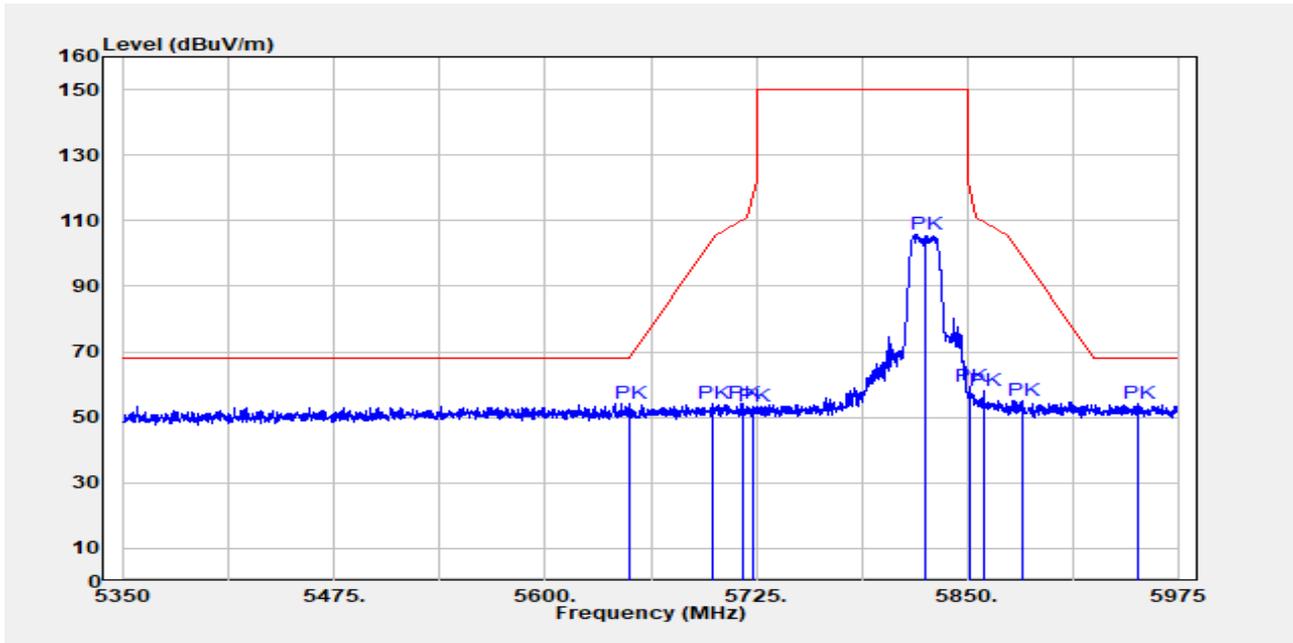
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Report Number :TERF2503001003ER  
Operation Mode :802.11a  
Test Frequency :5825 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-14  
Temp./Humi. :24.5°C/58%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5649.68	Peak	51.82	2.35	54.17	68.20	-14.03
5698.87	Peak	51.37	2.78	54.15	104.36	-50.21
5716.58	Peak	51.29	2.84	54.13	109.84	-55.71
5723.67	Peak	50.37	2.87	53.24	119.16	-65.92
5825.00	Peak	102.84	3.05	105.89	-	-
5851.42	Peak	56.22	3.00	59.22	118.97	-59.75
5860.17	Peak	55.16	3.04	58.20	109.35	-51.15
5883.30	Peak	51.93	3.15	55.08	99.06	-43.98
5951.03	Peak	51.21	3.06	54.27	68.20	-13.93

Duty Cycle=93.09%  
Average Duty Factor=0.31 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

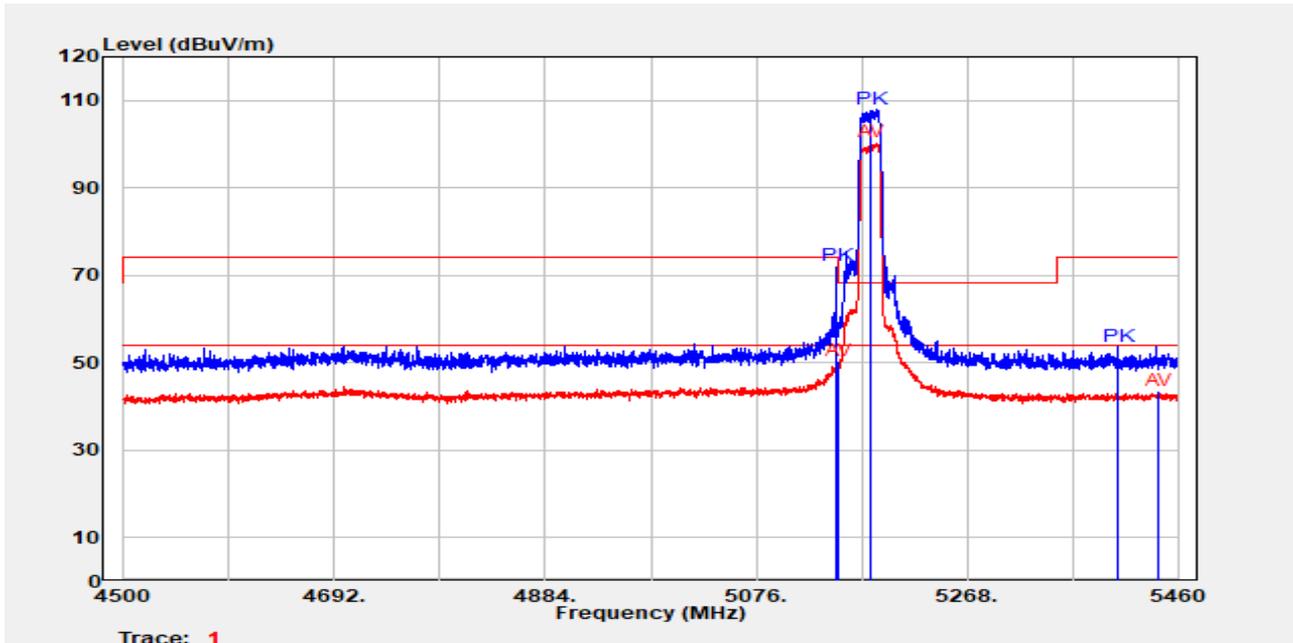
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5180 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
5148.88	Peak	70.64	1.60	72.24	74.00	-1.76
5150.00	Average	48.78	1.60	50.38	54.00	-3.62
5180.00	Peak	106.31	1.61	107.92	-	-
5180.00	Average	98.87	1.61	100.48	-	-
5405.51	Peak	52.42	1.34	53.76	74.00	-20.24
5441.76	Average	42.25	1.43	43.68	54.00	-10.32

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

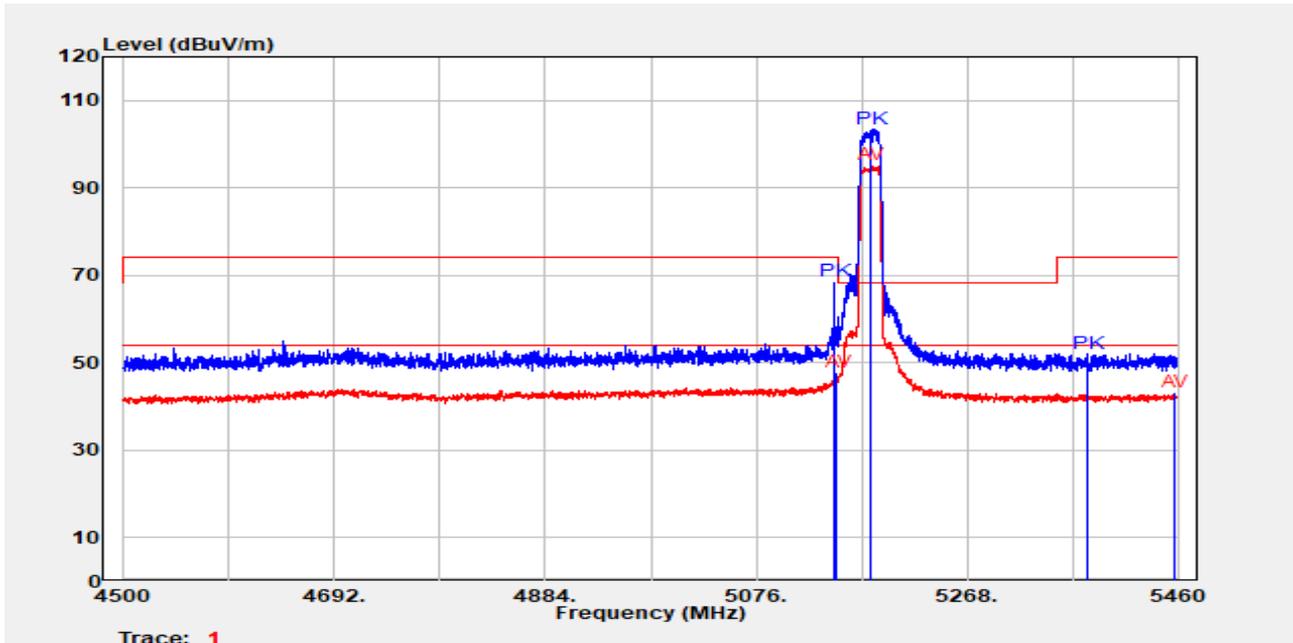
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5180 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5147.44	Peak	67.10	1.60	68.70	74.00	-5.30
5149.60	Average	46.34	1.60	47.94	54.00	-6.06
5180.00	Peak	101.82	1.61	103.43	-	-
5180.00	Average	93.58	1.61	95.19	-	-
5378.38	Peak	50.66	1.33	51.99	74.00	-22.01
5456.40	Average	41.75	1.49	43.24	54.00	-10.76

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

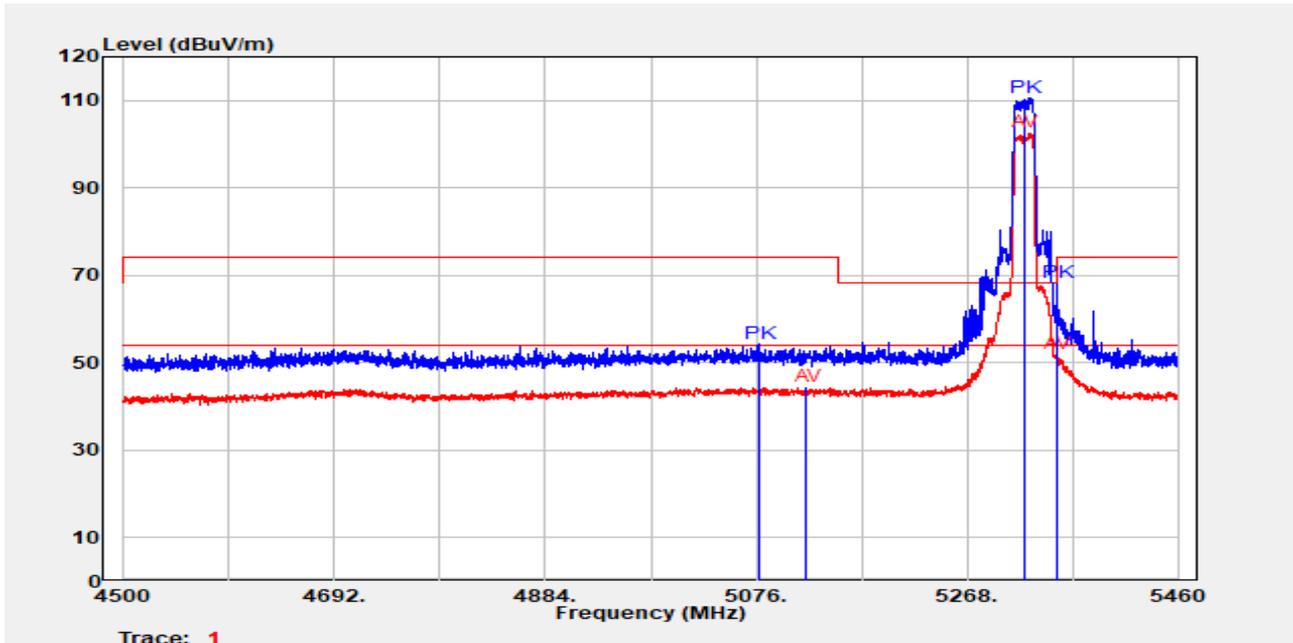
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5320 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5077.82	Peak	52.76	1.63	54.39	74.00	-19.61
5121.76	Average	43.04	1.59	44.63	54.00	-9.37
5320.00	Peak	109.40	1.26	110.66	-	-
5320.00	Average	101.56	1.26	102.82	-	-
5350.05	Average	50.69	1.33	52.02	54.00	-1.98
5350.77	Peak	66.92	1.33	68.25	74.00	-5.75

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

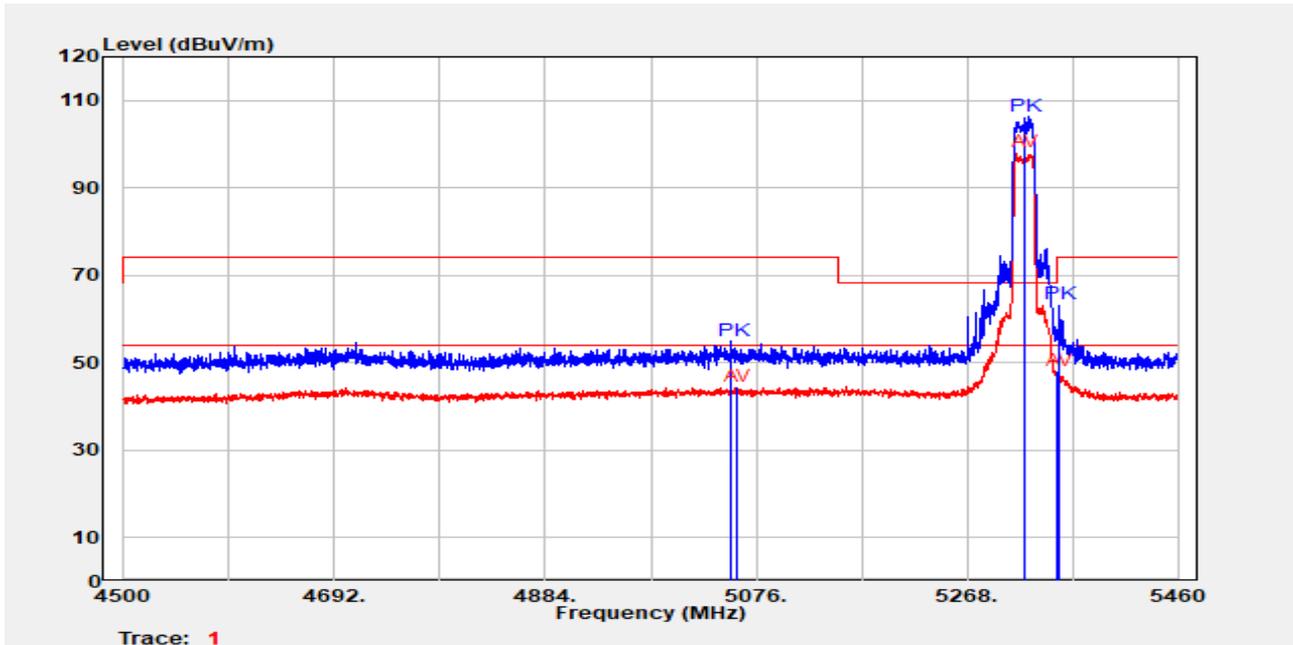
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5320 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5053.82	Peak	53.14	1.68	54.82	74.00	-19.18
5057.66	Average	42.93	1.67	44.60	54.00	-9.40
5320.00	Peak	105.14	1.26	106.40	-	-
5320.00	Average	96.80	1.26	98.06	-	-
5350.77	Average	46.77	1.33	48.10	54.00	-5.90
5352.45	Peak	61.99	1.33	63.32	74.00	-10.68

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

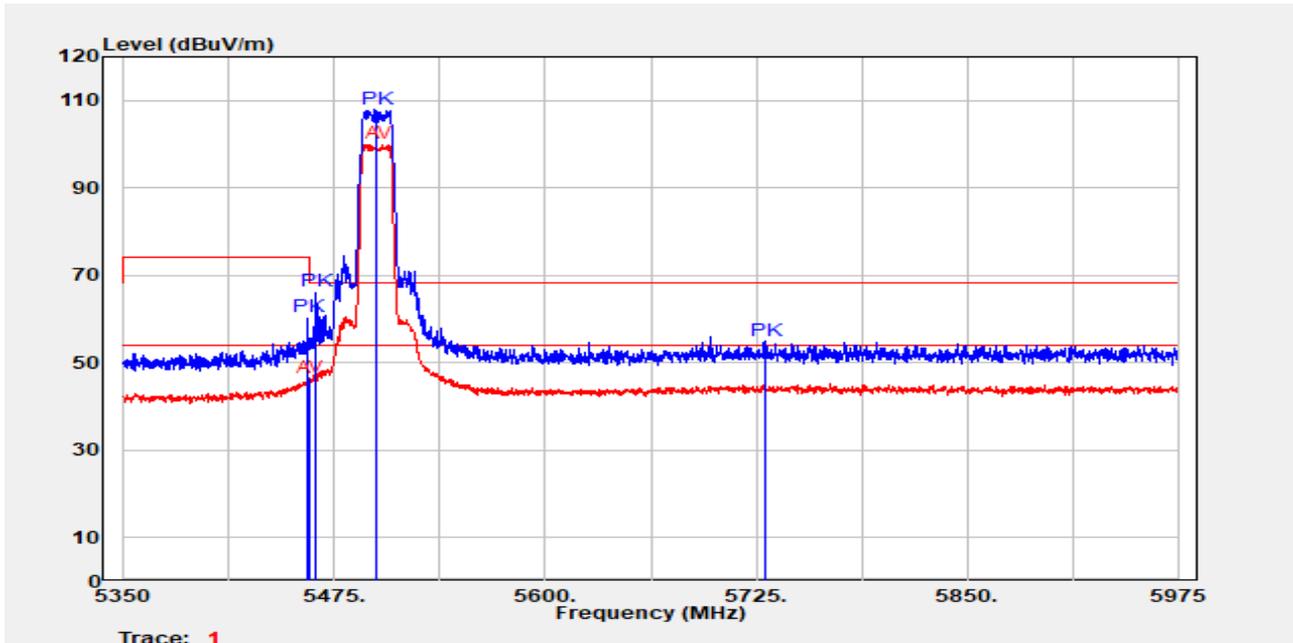
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5500 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.00	Peak	58.99	1.51	60.50	74.00	-13.50
5459.83	Average	45.13	1.51	46.64	54.00	-7.36
5463.37	Peak	64.73	1.52	66.25	68.20	-1.95
5500.00	Peak	106.12	1.69	107.81	-	-
5500.00	Average	98.54	1.69	100.23	-	-
5729.92	Peak	52.15	2.89	55.04	68.20	-13.16

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

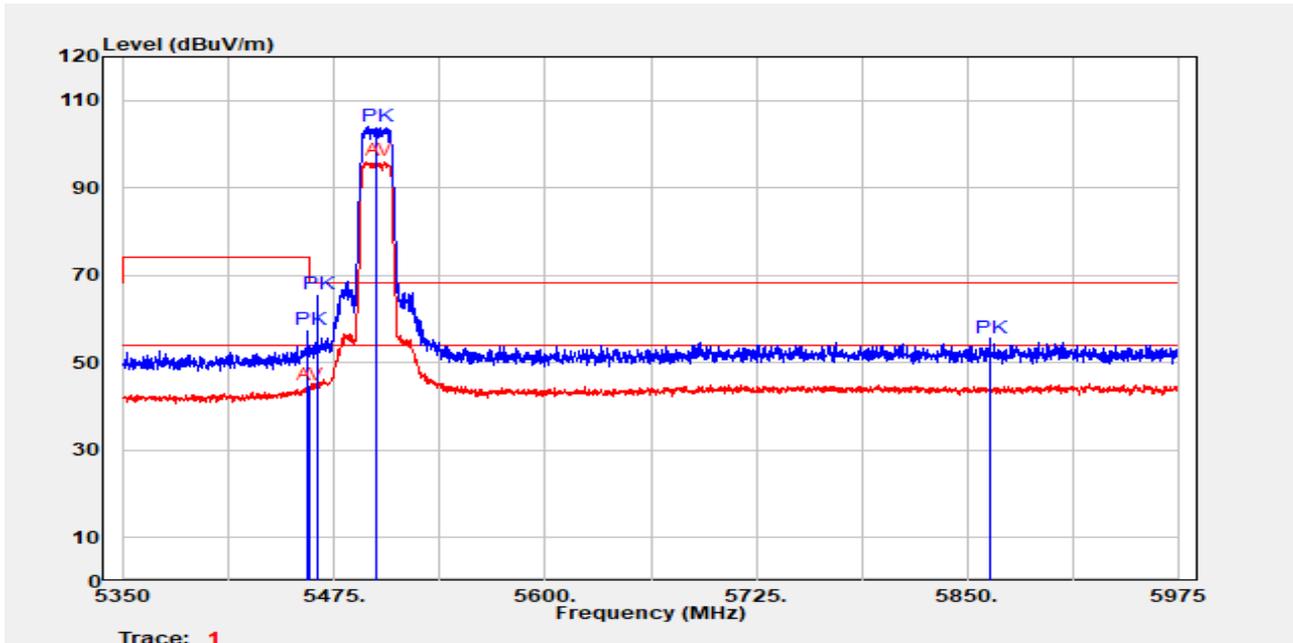
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5500 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.41	Peak	55.92	1.51	57.43	74.00	-16.57
5459.62	Average	43.37	1.51	44.88	54.00	-9.12
5464.62	Peak	64.05	1.53	65.58	68.20	-2.62
5500.00	Peak	102.33	1.69	104.02	-	-
5500.00	Average	94.59	1.69	96.28	-	-
5863.92	Peak	52.57	3.06	55.63	68.20	-12.57

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

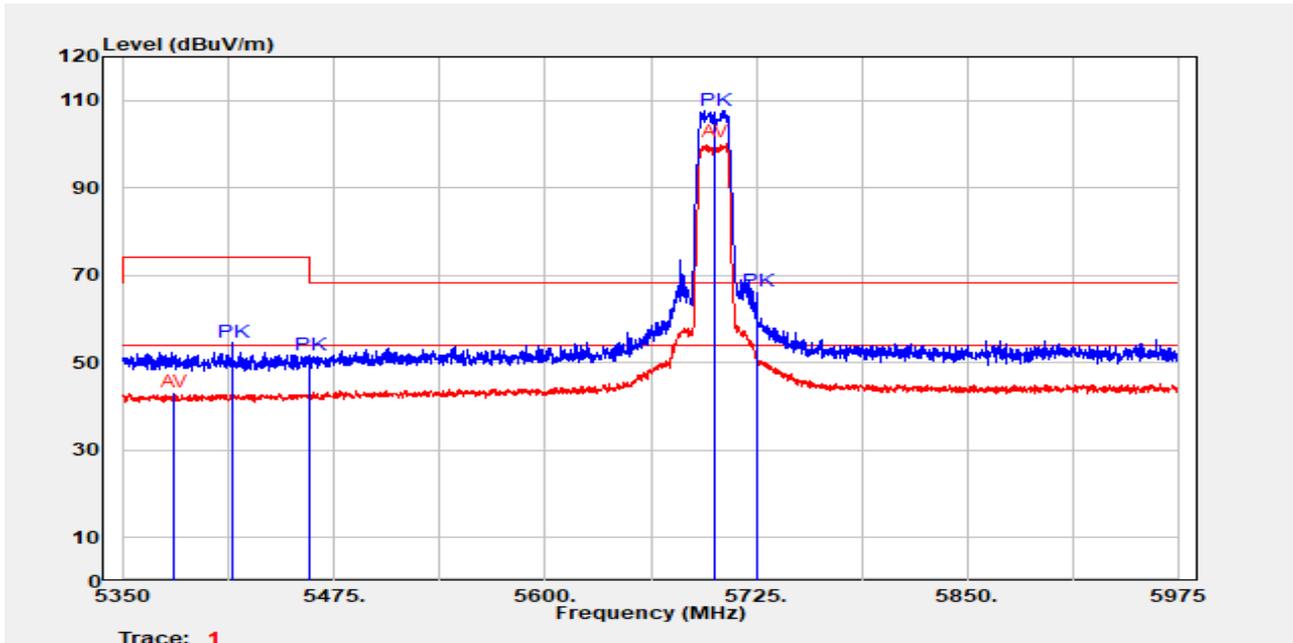
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5700 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5379.18	Average	41.83	1.33	43.16	54.00	-10.84
5414.40	Peak	53.14	1.37	54.51	74.00	-19.49
5460.45	Peak	50.32	1.51	51.83	68.20	-16.37
5700.00	Peak	104.77	2.79	107.56	-	-
5700.00	Average	97.69	2.79	100.48	-	-
5725.00	Peak	63.57	2.87	66.44	68.20	-1.76

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

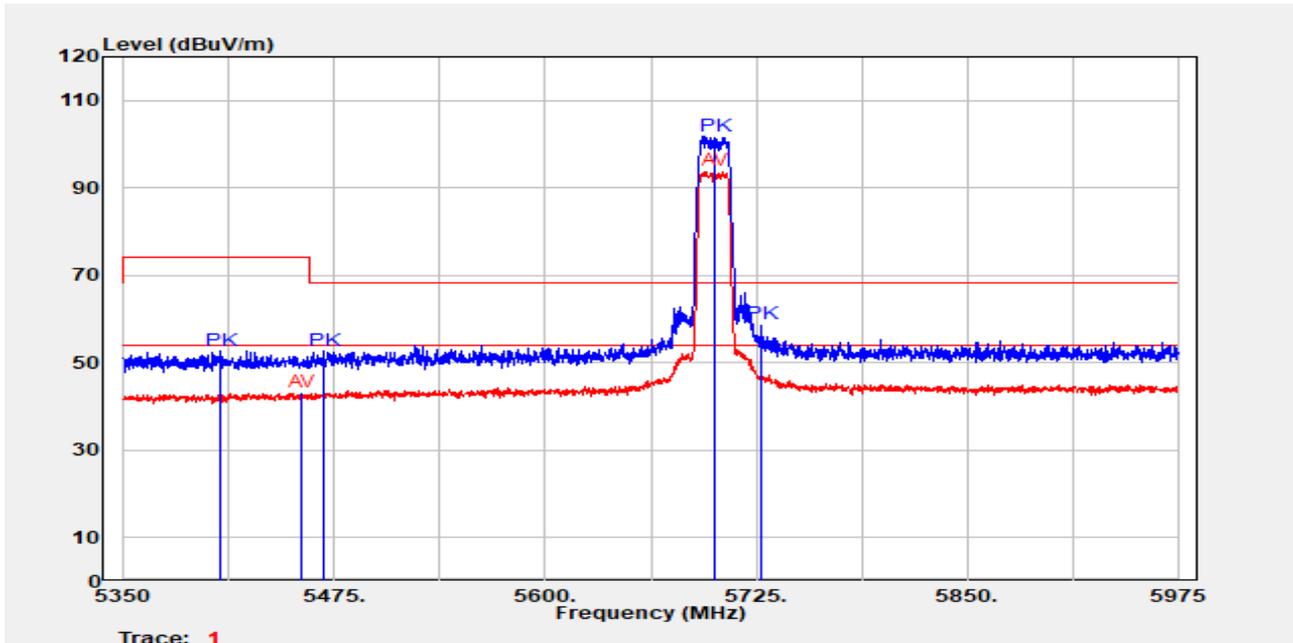
When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5700 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5407.73	Peak	51.35	1.35	52.70	74.00	-21.30
5454.83	Average	41.89	1.48	43.37	54.00	-10.63
5468.37	Peak	51.23	1.54	52.77	68.20	-15.43
5700.00	Peak	98.96	2.79	101.75	-	-
5700.00	Average	91.24	2.79	94.03	-	-
5728.46	Peak	56.14	2.88	59.02	68.20	-9.18

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

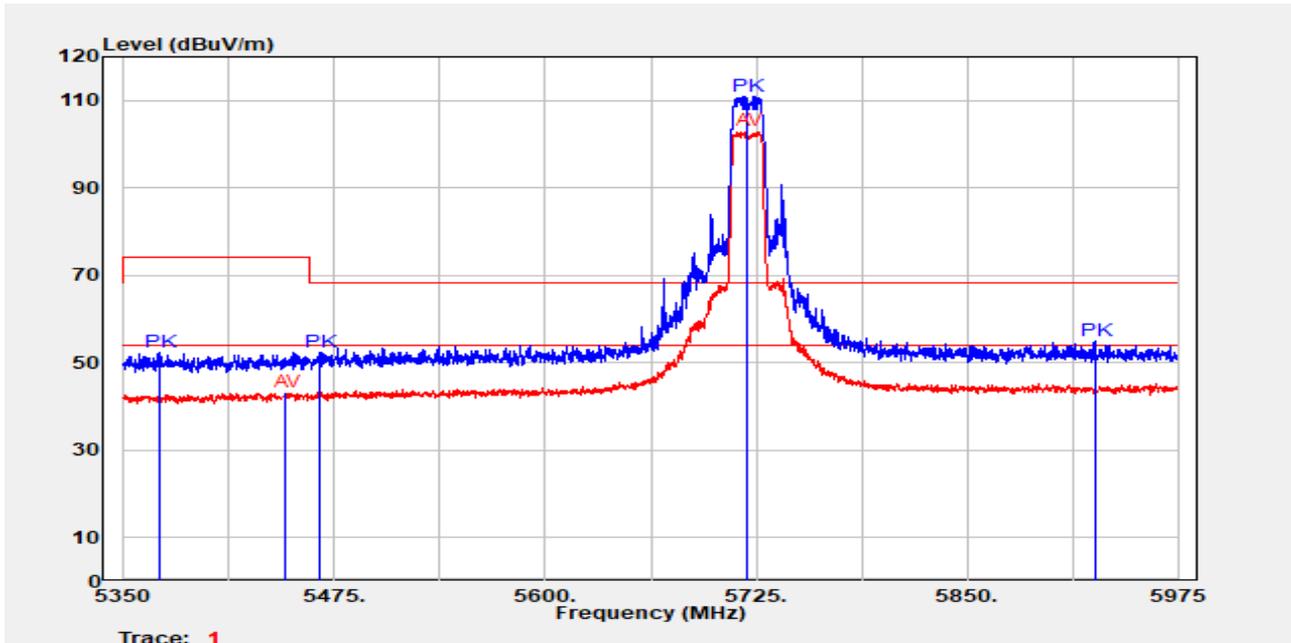
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5720 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5370.63	Peak	51.09	1.33	52.42	74.00	-21.58
5446.07	Average	41.97	1.44	43.41	54.00	-10.59
5466.50	Peak	50.83	1.54	52.37	68.20	-15.83
5720.00	Peak	108.05	2.85	110.90	-	-
5720.00	Average	100.34	2.85	103.19	-	-
5925.82	Peak	51.67	3.15	54.82	68.20	-13.38

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

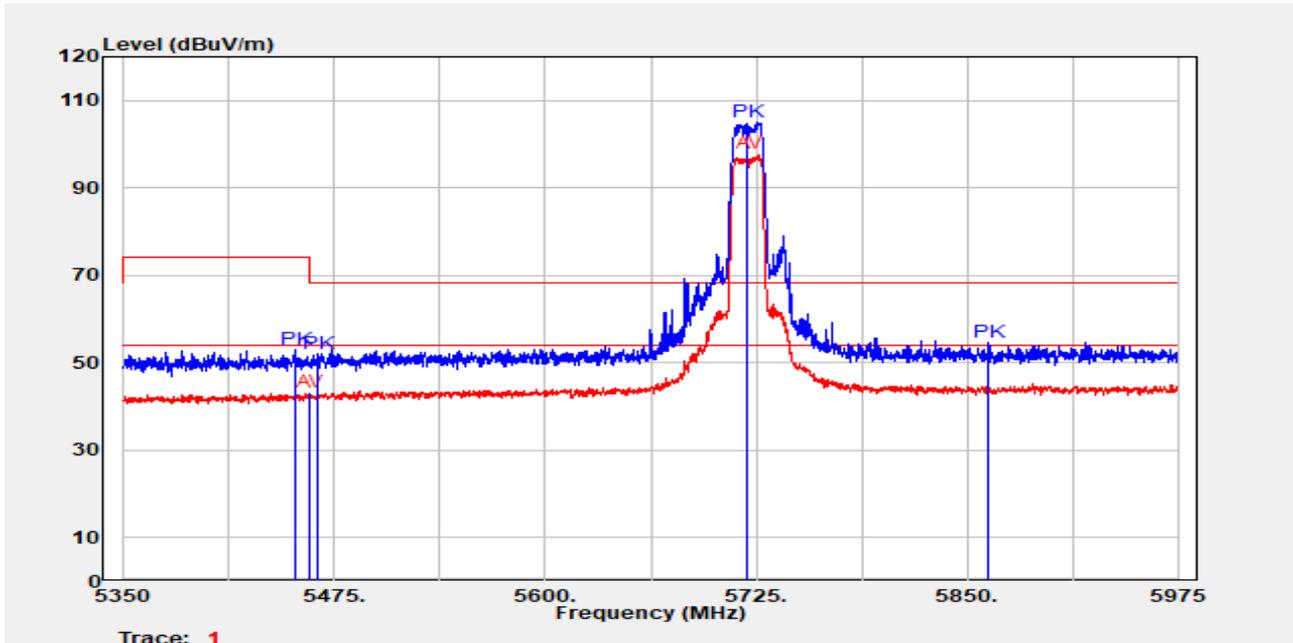
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5720 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5451.91	Peak	51.64	1.47	53.11	74.00	-20.89
5459.62	Average	41.74	1.51	43.25	54.00	-10.75
5465.25	Peak	50.39	1.53	51.92	68.20	-16.28
5720.00	Peak	102.13	2.85	104.98	-	-
5720.00	Average	94.89	2.85	97.74	-	-
5863.09	Peak	51.54	3.05	54.59	68.20	-13.61

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

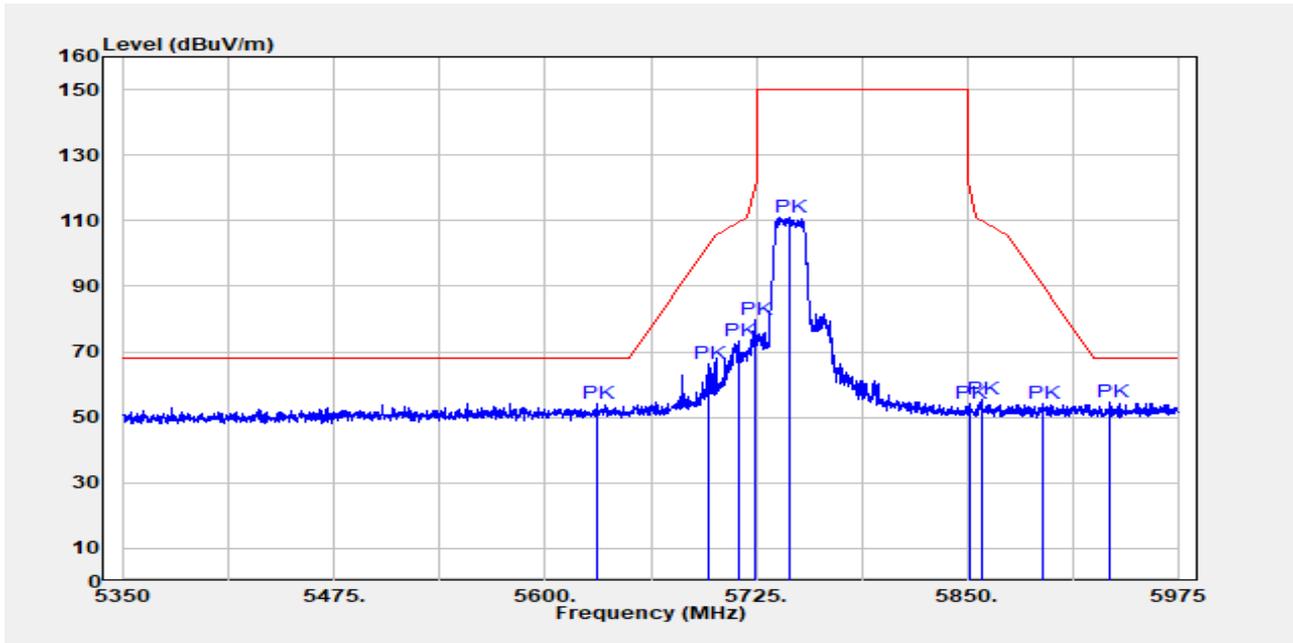
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5745 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-17  
 Temp./Humi. :23.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5630.93	Peak	51.91	2.25	54.16	68.20	-14.04
5696.78	Peak	63.41	2.76	66.17	102.82	-36.65
5714.91	Peak	70.33	2.84	73.17	109.38	-36.21
5724.08	Peak	76.70	2.87	79.57	120.11	-40.54
5745.00	Peak	108.09	2.93	111.02	-	-
5851.83	Peak	51.05	3.00	54.05	118.02	-63.97
5859.13	Peak	52.26	3.04	55.30	109.64	-54.34
5894.77	Peak	50.94	3.21	54.15	90.57	-36.42
5935.20	Peak	51.47	3.12	54.59	68.20	-13.61

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

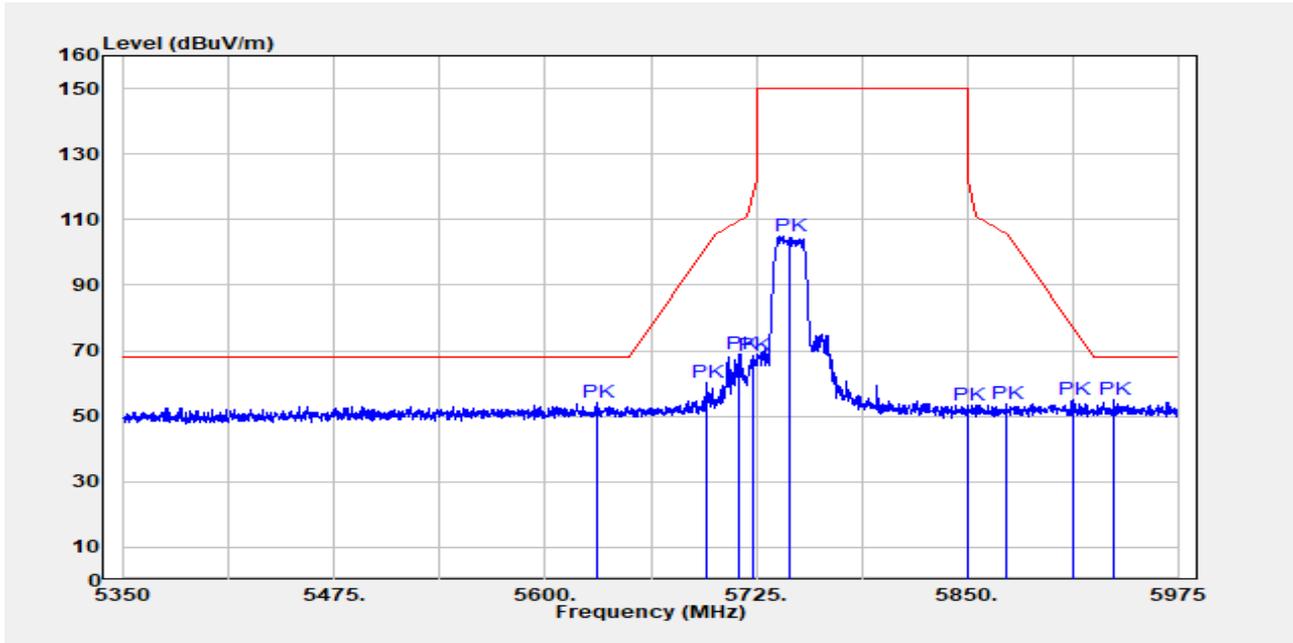
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5745 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-17  
 Temp./Humi. :23.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5630.09	Peak	51.90	2.25	54.15	68.20	-14.05
5695.32	Peak	57.60	2.75	60.35	101.74	-41.39
5715.33	Peak	65.98	2.84	68.82	109.49	-40.67
5722.83	Peak	65.73	2.87	68.60	117.26	-48.66
5745.00	Peak	101.96	2.93	104.89	-	-
5850.58	Peak	50.44	2.99	53.43	120.87	-67.44
5873.09	Peak	50.59	3.10	53.69	105.73	-52.04
5913.31	Peak	51.72	3.19	54.91	76.85	-21.94
5937.07	Peak	51.79	3.11	54.90	68.20	-13.30

Duty Cycle=92.67%

Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

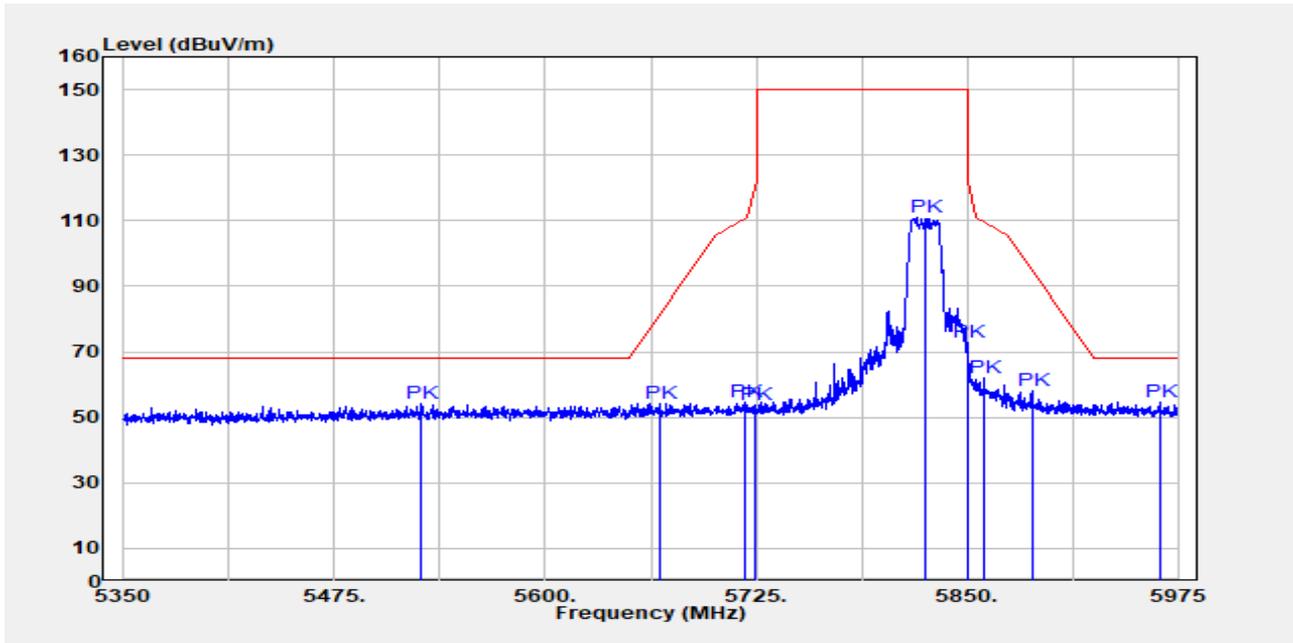
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Report Number :TERF2503001003ER  
Operation Mode :802.11n20  
Test Frequency :5825 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5526.10	Peak	52.31	1.81	54.12	68.20	-14.08
5667.40	Peak	51.74	2.51	54.25	81.07	-26.82
5718.87	Peak	51.87	2.85	54.72	110.48	-55.76
5724.71	Peak	50.73	2.87	53.60	121.53	-67.93
5825.00	Peak	107.74	3.05	110.79	-	-
5850.00	Peak	69.97	3.00	72.97	122.20	-49.23
5859.96	Peak	58.82	3.04	61.86	109.41	-47.55
5888.51	Peak	54.94	3.17	58.11	95.20	-37.09
5964.37	Peak	51.70	3.10	54.80	68.20	-13.40

Duty Cycle=92.67%  
Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

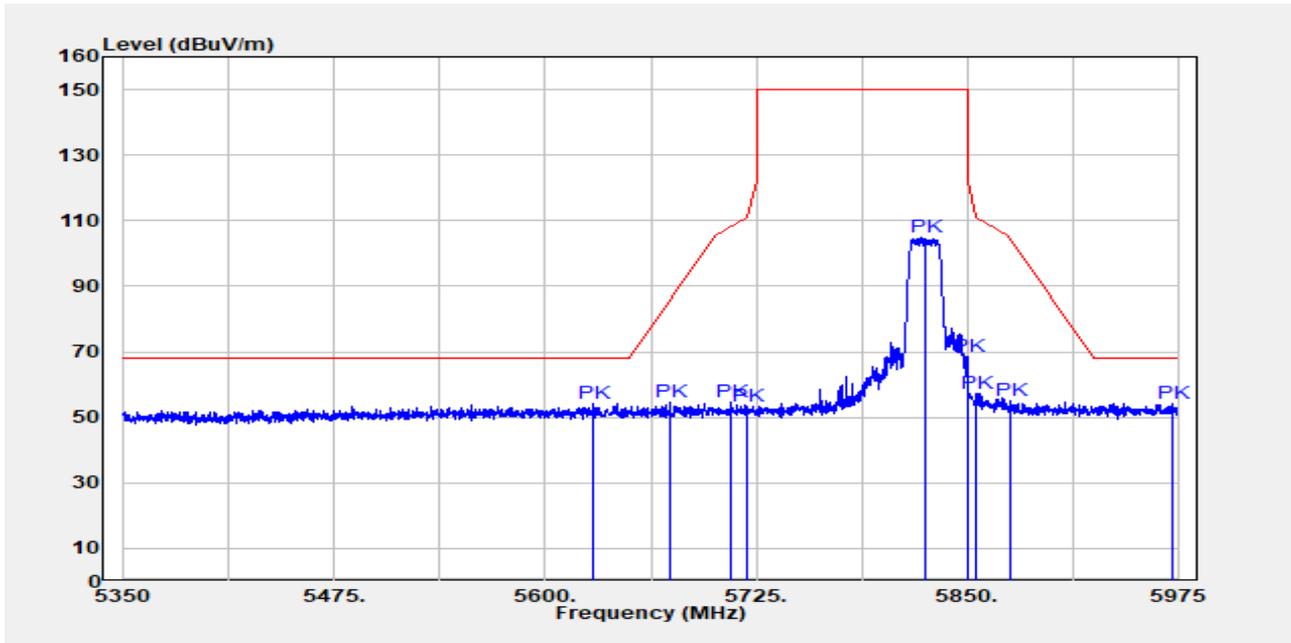
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Report Number :TERF2503001003ER  
 Operation Mode :802.11n20  
 Test Frequency :5825 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-17  
 Temp./Humi. :23.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5628.01	Peak	51.93	2.24	54.17	68.20	-14.03
5673.86	Peak	52.18	2.56	54.74	85.85	-31.11
5709.91	Peak	51.64	2.82	54.46	107.98	-53.52
5719.92	Peak	50.53	2.85	53.38	110.78	-57.40
5825.00	Peak	101.70	3.05	104.75	-	-
5850.00	Peak	65.48	3.00	68.48	122.20	-53.72
5855.17	Peak	54.21	3.01	57.22	110.75	-53.53
5875.80	Peak	52.16	3.11	55.27	104.61	-49.34
5972.08	Peak	51.15	3.11	54.26	68.20	-13.94

Duty Cycle=92.67%  
 Average Duty Factor=0.33 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

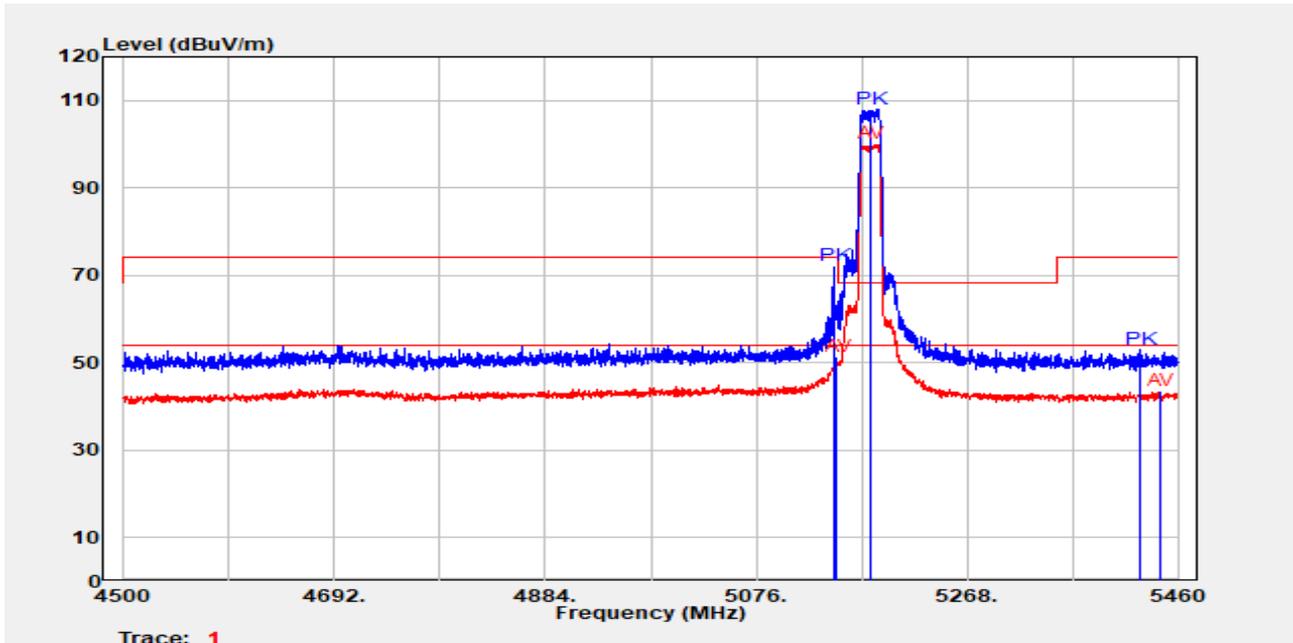
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5180 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5146.24	Peak	70.70	1.60	72.30	74.00	-1.70
5149.60	Average	49.67	1.60	51.27	54.00	-2.73
5180.00	Peak	106.50	1.61	108.11	-	-
5180.00	Average	98.56	1.61	100.17	-	-
5425.43	Peak	51.67	1.39	53.06	74.00	-20.94
5443.44	Average	42.19	1.44	43.63	54.00	-10.37

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

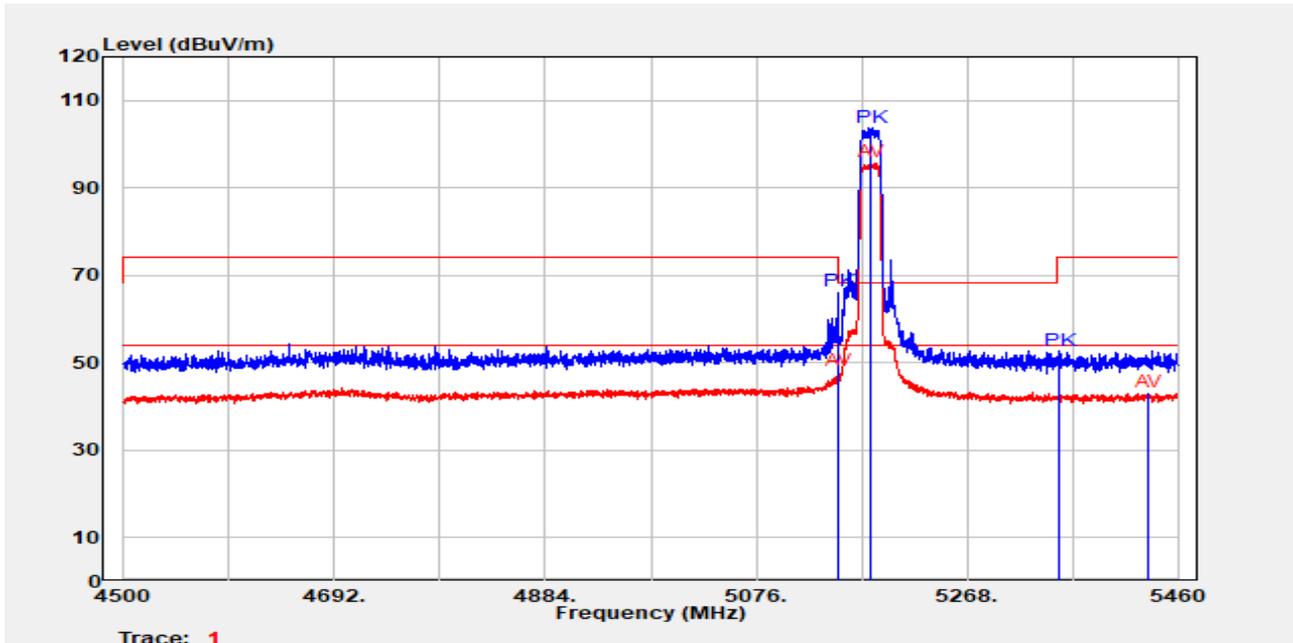
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5180 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5149.84	Peak	64.65	1.60	66.25	74.00	-7.75
5149.84	Average	46.42	1.60	48.02	54.00	-5.98
5180.00	Peak	102.21	1.61	103.82	-	-
5180.00	Average	94.31	1.61	95.92	-	-
5351.01	Peak	51.39	1.33	52.72	74.00	-21.28
5433.11	Average	41.86	1.41	43.27	54.00	-10.73

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

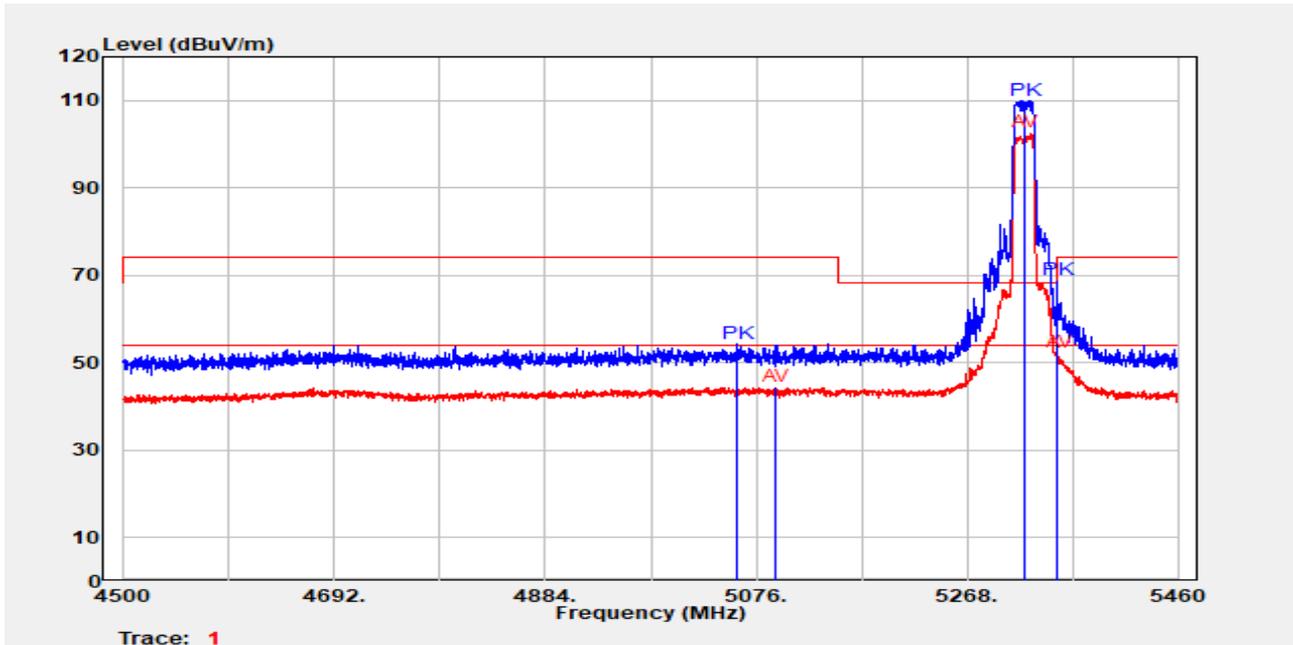
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5320 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5058.86	Peak	52.77	1.68	54.45	74.00	-19.55
5092.95	Average	43.07	1.60	44.67	54.00	-9.33
5320.00	Peak	108.77	1.26	110.03	-	-
5320.00	Average	101.51	1.26	102.77	-	-
5350.29	Peak	67.58	1.33	68.91	74.00	-5.09
5350.77	Average	51.15	1.33	52.48	54.00	-1.52

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

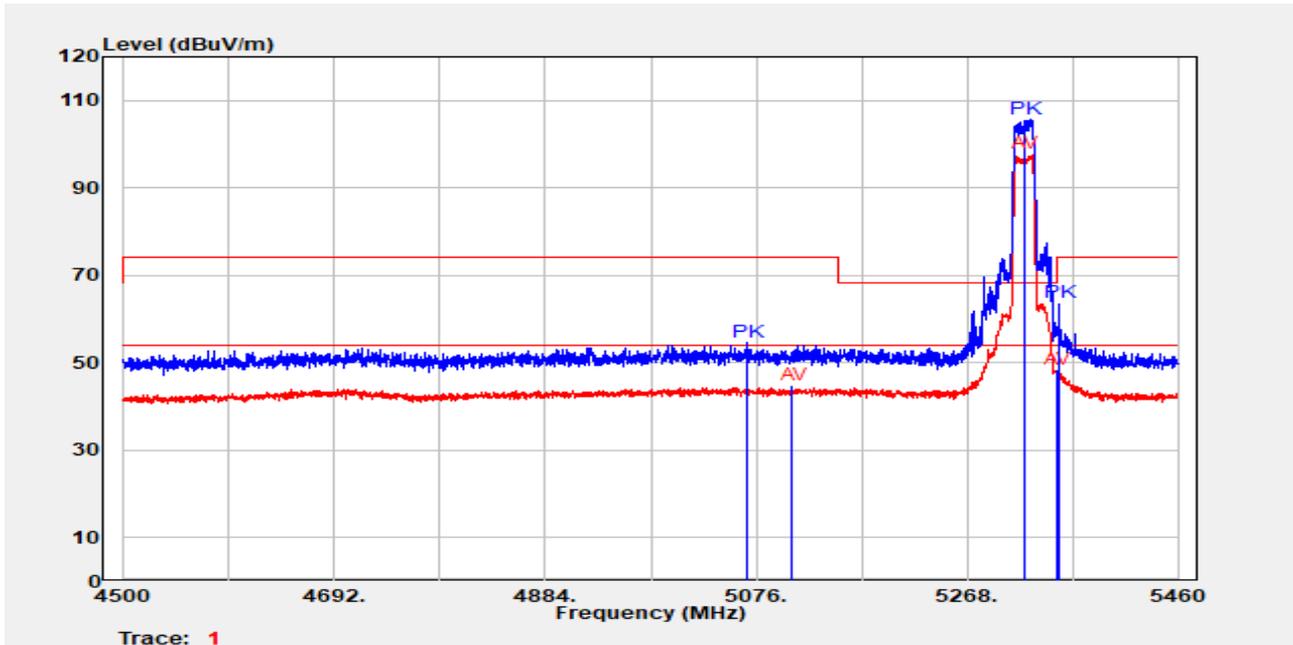
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5320 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5068.22	Peak	52.85	1.65	54.50	74.00	-19.50
5108.79	Average	43.26	1.59	44.85	54.00	-9.15
5320.00	Peak	104.29	1.26	105.55	-	-
5320.00	Average	96.52	1.26	97.78	-	-
5350.05	Average	47.15	1.33	48.48	54.00	-5.52
5351.73	Peak	62.39	1.33	63.72	74.00	-10.28

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

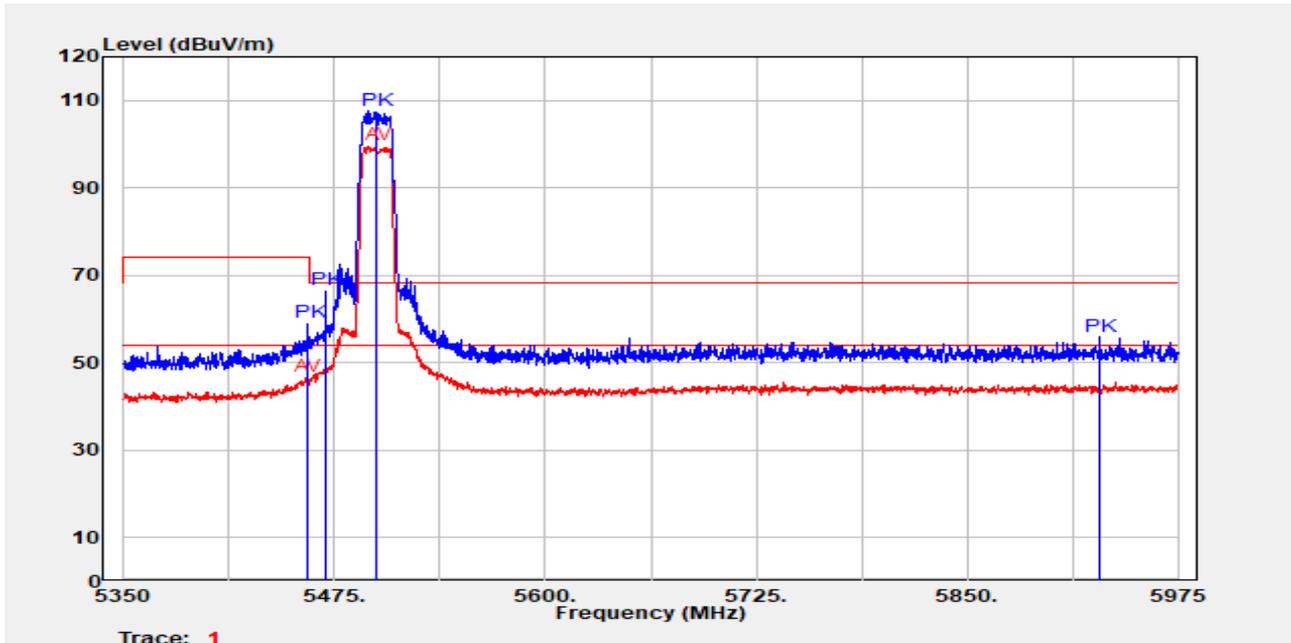
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5500 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
5459.00	Average	45.31	1.51	46.82	54.00	-7.18
5459.41	Peak	57.72	1.51	59.23	74.00	-14.77
5469.21	Peak	65.14	1.55	66.69	68.20	-1.51
5500.00	Peak	106.10	1.69	107.79	-	-
5500.00	Average	98.14	1.69	99.83	-	-
5928.32	Peak	52.92	3.14	56.06	68.20	-12.14

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

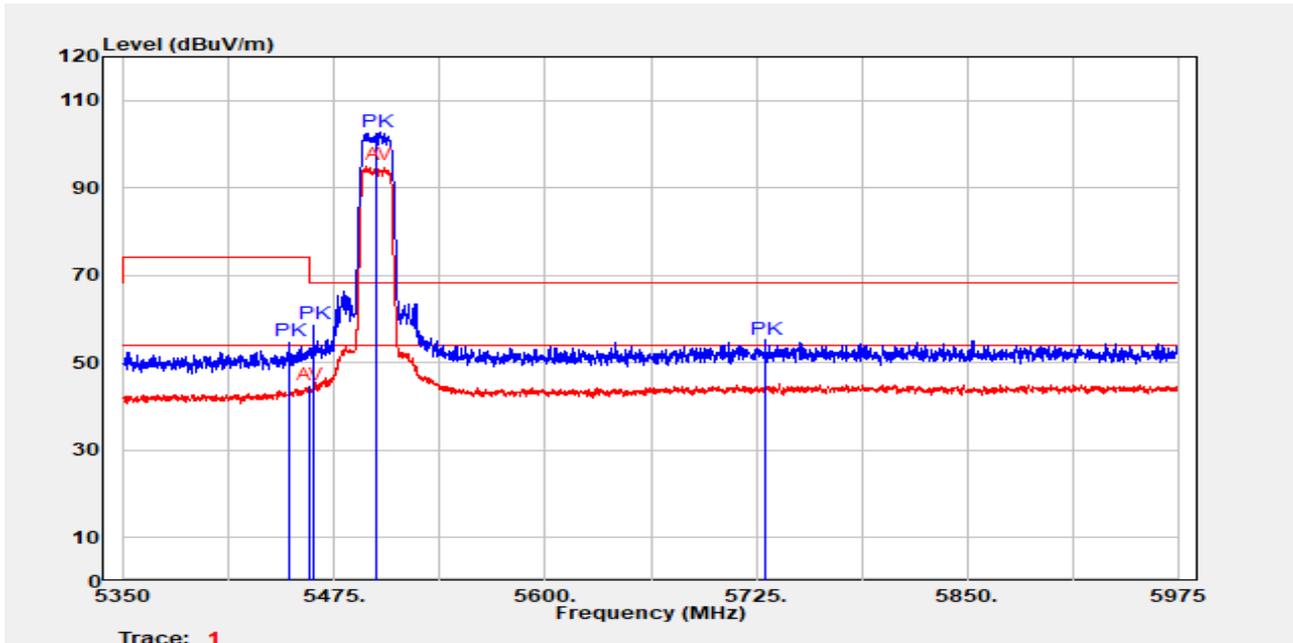
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5500 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5447.95	Peak	53.36	1.45	54.81	74.00	-19.19
5460.00	Average	43.39	1.51	44.90	54.00	-9.10
5462.75	Peak	57.46	1.52	58.98	68.20	-9.22
5500.00	Peak	101.01	1.69	102.70	-	-
5500.00	Average	93.49	1.69	95.18	-	-
5730.75	Peak	52.35	2.89	55.24	68.20	-12.96

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

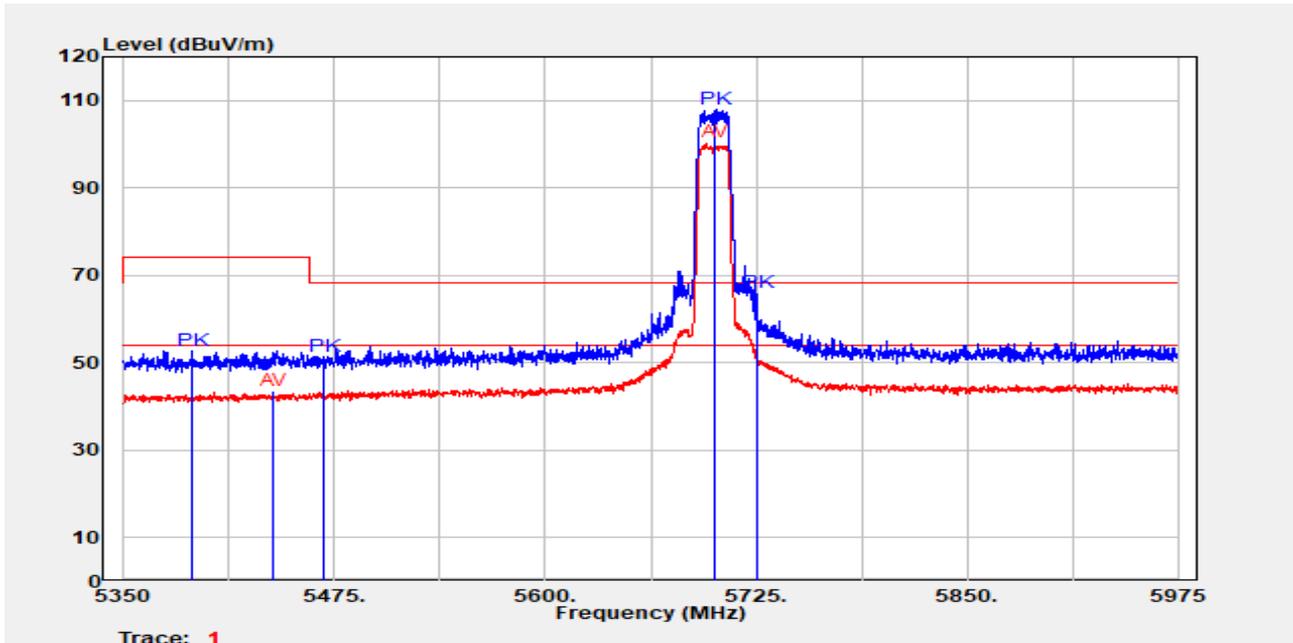
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5700 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
5390.64	Peak	51.51	1.33	52.84	74.00	-21.16
5438.57	Average	42.14	1.43	43.57	54.00	-10.43
5468.17	Peak	49.98	1.54	51.52	68.20	-16.68
5700.00	Peak	105.20	2.79	107.99	-	-
5700.00	Average	97.58	2.79	100.37	-	-
5725.54	Peak	63.30	2.87	66.17	68.20	-2.03

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

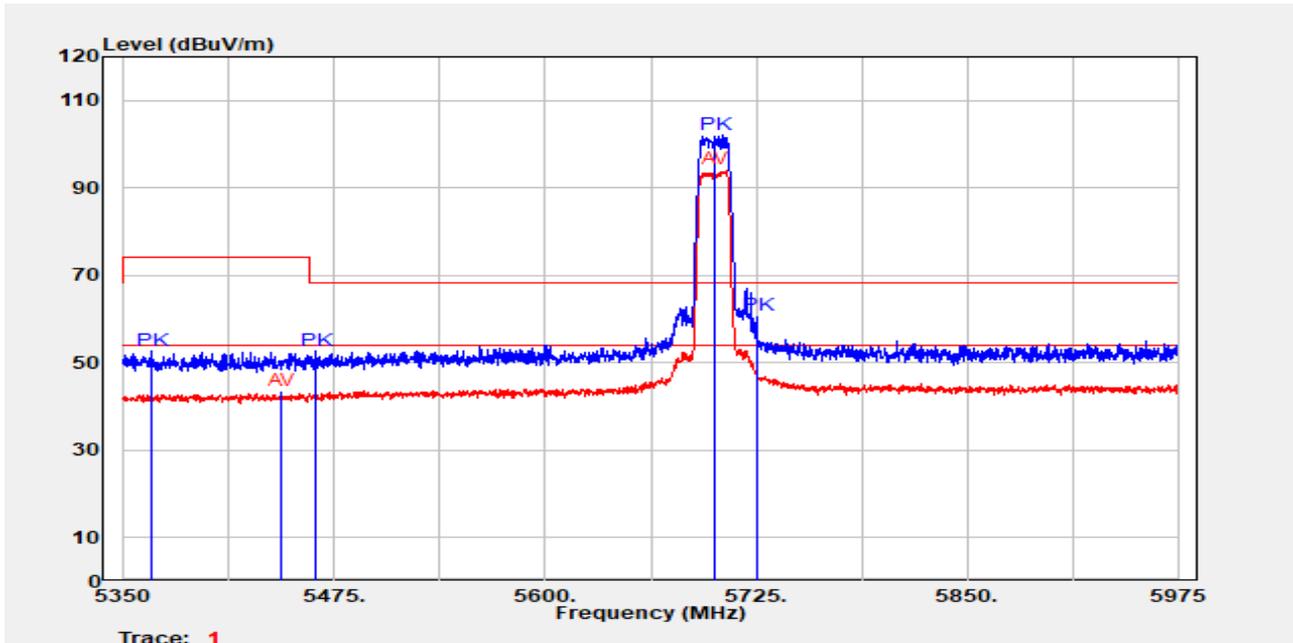
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5700 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5366.67	Peak	51.44	1.33	52.77	74.00	-21.23
5442.95	Average	42.08	1.44	43.52	54.00	-10.48
5464.00	Peak	51.05	1.53	52.58	68.20	-15.62
5700.00	Peak	99.26	2.79	102.05	-	-
5700.00	Average	91.55	2.79	94.34	-	-
5725.00	Peak	58.02	2.87	60.89	68.20	-7.31

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

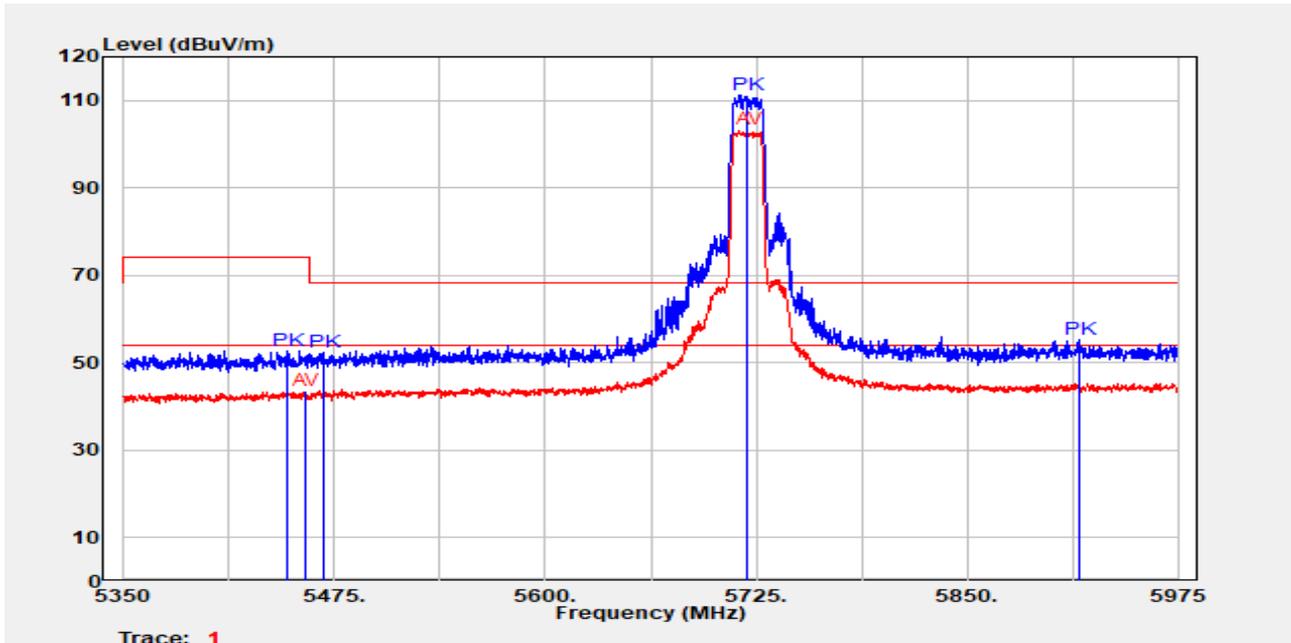
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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5720 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-17  
 Temp./Humi. :23.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
5447.12	Peak	51.32	1.44	52.76	74.00	-21.24
5457.33	Average	42.25	1.49	43.74	54.00	-10.26
5468.17	Peak	50.85	1.54	52.39	68.20	-15.81
5720.00	Peak	108.37	2.85	111.22	-	-
5720.00	Average	100.44	2.85	103.29	-	-
5916.02	Peak	52.01	3.19	55.20	68.20	-13.00

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

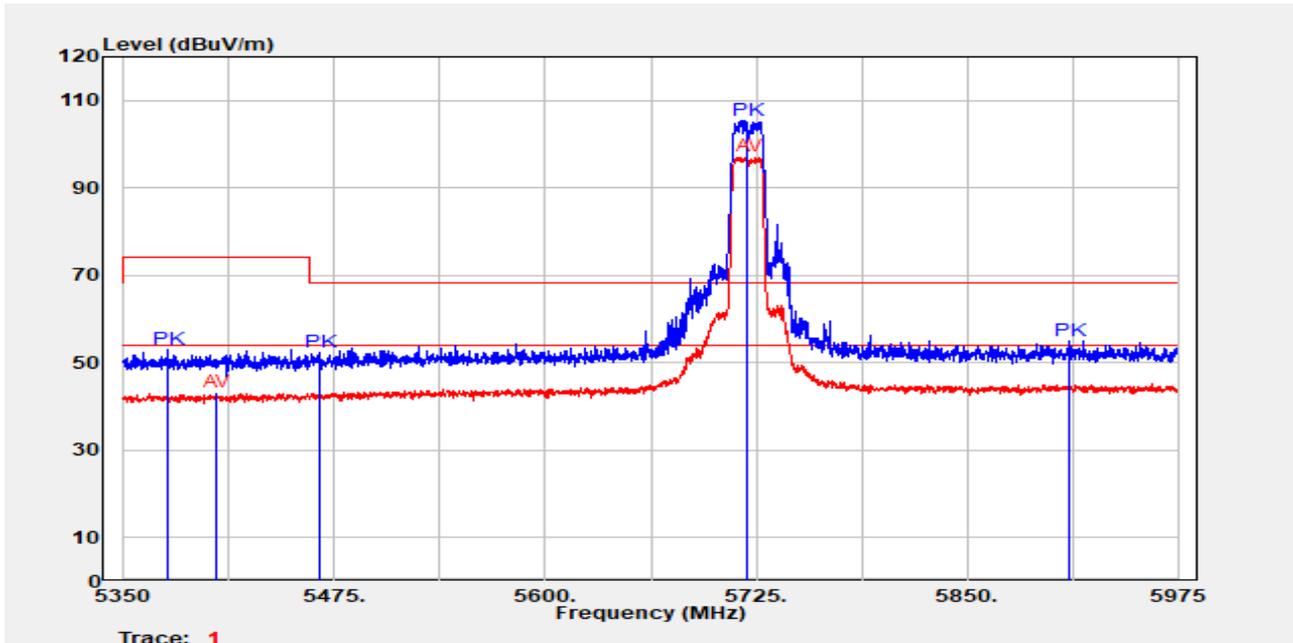
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5720 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5375.84	Peak	51.81	1.33	53.14	74.00	-20.86
5404.60	Average	41.94	1.34	43.28	54.00	-10.72
5465.87	Peak	50.86	1.53	52.39	68.20	-15.81
5720.00	Peak	102.44	2.85	105.29	-	-
5720.00	Average	94.54	2.85	97.39	-	-
5911.02	Peak	51.67	3.20	54.87	68.20	-13.33

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

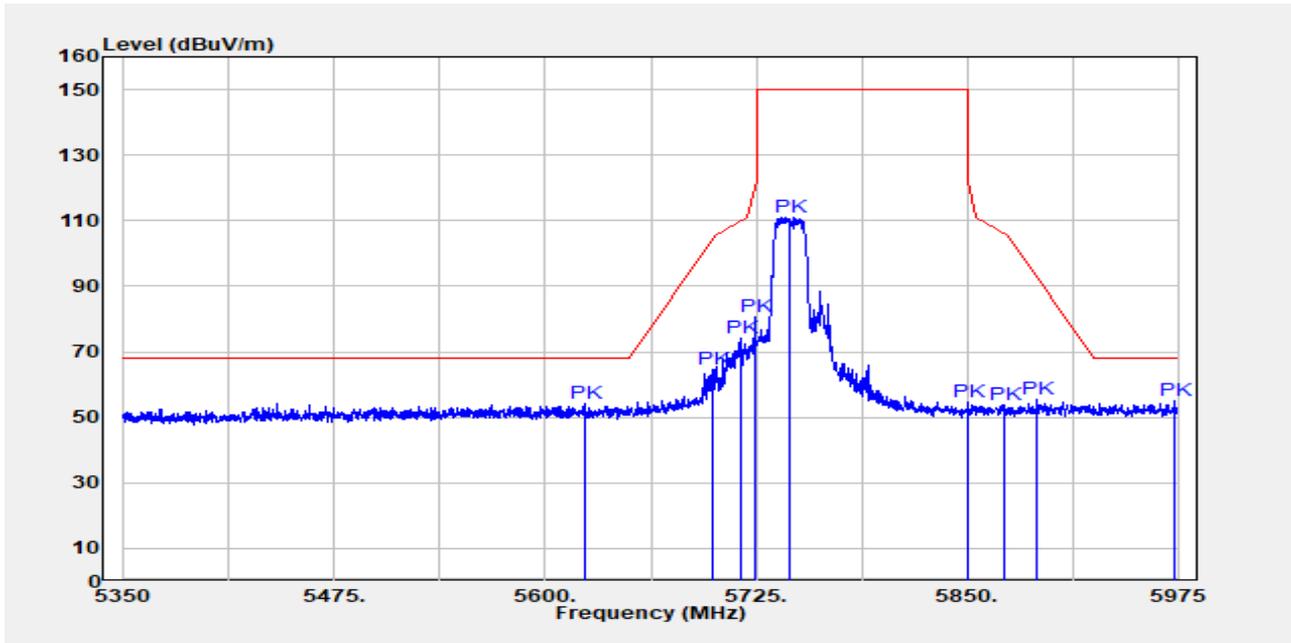
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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5745 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-17  
 Temp./Humi. :23.3°C/46%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5623.22	Peak	51.97	2.22	54.19	68.20	-14.01
5698.66	Peak	62.04	2.78	64.82	104.21	-39.39
5715.54	Peak	71.29	2.84	74.13	109.55	-35.42
5724.08	Peak	77.98	2.87	80.85	120.11	-39.26
5745.00	Peak	108.27	2.93	111.20	-	-
5850.38	Peak	51.69	2.99	54.68	121.35	-66.67
5872.05	Peak	50.67	3.10	53.77	106.03	-52.26
5891.43	Peak	52.36	3.19	55.55	93.04	-37.49
5973.33	Peak	51.87	3.12	54.99	68.20	-13.21

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

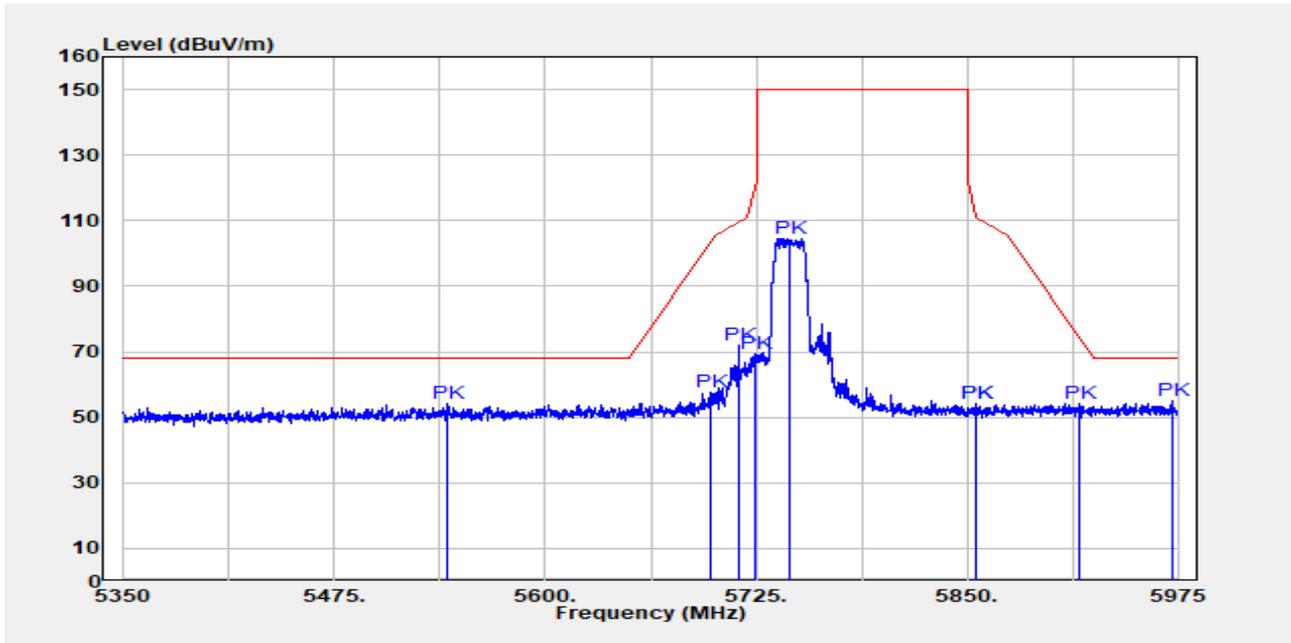
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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5745 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-17  
 Temp./Humi. :23.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5541.52	Peak	52.50	1.88	54.38	68.20	-13.82
5698.45	Peak	55.00	2.78	57.78	104.05	-46.27
5714.50	Peak	68.94	2.84	71.78	109.26	-37.48
5723.88	Peak	66.48	2.87	69.35	119.64	-50.29
5745.00	Peak	101.75	2.93	104.68	-	-
5854.96	Peak	51.07	3.01	54.08	110.89	-56.81
5855.00	Peak	51.07	3.01	54.08	110.80	-56.72
5916.44	Peak	50.97	3.18	54.15	74.54	-20.39
5971.67	Peak	52.07	3.11	55.18	68.20	-13.02

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

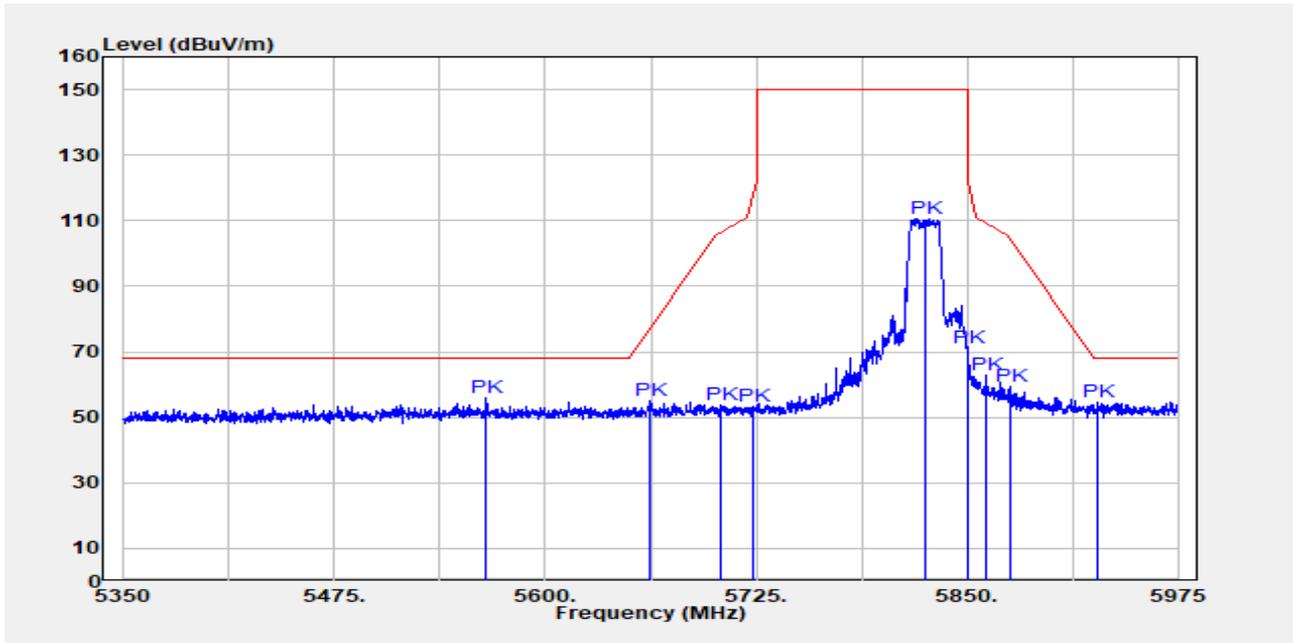
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Report Number :TERF2503001003ER  
Operation Mode :802.11ac20  
Test Frequency :5825 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2025-03-17  
Temp./Humi. :23.3°C/46%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5565.07	Peak	53.76	1.98	55.74	68.20	-12.46
5662.19	Peak	52.55	2.46	55.01	77.22	-22.21
5704.49	Peak	50.75	2.81	53.56	106.46	-52.90
5722.62	Peak	50.29	2.87	53.16	116.78	-63.62
5825.00	Peak	107.68	3.05	110.73	-	-
5850.00	Peak	68.08	3.00	71.08	122.20	-51.12
5861.00	Peak	60.03	3.04	63.07	109.12	-46.05
5875.18	Peak	56.28	3.11	59.39	105.07	-45.68
5927.48	Peak	51.55	3.14	54.69	68.20	-13.51

Duty Cycle=92.56%  
Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

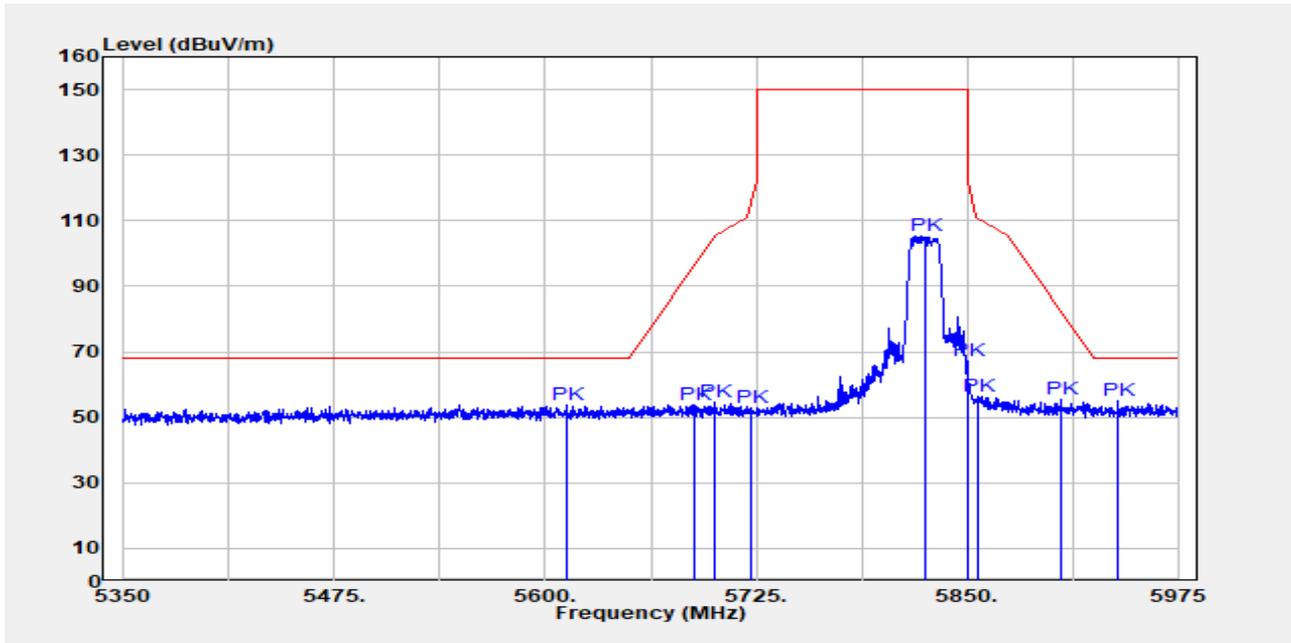
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Report Number :TERF2503001003ER  
 Operation Mode :802.11ac20  
 Test Frequency :5825 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2025-03-17  
 Temp./Humi. :23.3°C/46%  
 Antenna Pol. :Horizontal  
 Engineer :Bob Chao



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
5612.17	Peak	51.68	2.16	53.84	68.20	-14.36
5688.86	Peak	51.06	2.70	53.76	96.96	-43.20
5700.33	Peak	52.03	2.79	54.82	105.29	-50.47
5722.00	Peak	50.05	2.86	52.91	115.36	-62.45
5825.00	Peak	102.14	3.05	105.19	-	-
5850.17	Peak	64.05	2.99	67.04	121.82	-54.78
5857.04	Peak	53.50	3.03	56.53	110.23	-53.70
5905.60	Peak	52.39	3.22	55.61	82.55	-26.94
5939.78	Peak	51.78	3.10	54.88	68.20	-13.32

Duty Cycle=92.56%

Average Duty Factor=0.34 (dB)

When the duty cycle is less than 98%, the duty factor is compensated within the reading level, so the correction factor has been added to the measurement results.

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## 12 TRANSMISSION IN THE ABSENCE OF DATA

### 12.1 Standard Applicable

According to §15.407(c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

### 12.2 Result

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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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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