

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



EUT Description Module
Applicant: HOKUYO AUTOMATIC CO.,LTD.
Higobashi Union Building 3F, 1-9-6 Edobori, Nishi-ku
Osaka-shi, Osaka 550-0002 Japan
Manufacturer: HOKUYO AUTOMATIC CO., LTD.
Higobashi Union Building 3F, 1-9-6 Edobori, Nishi-ku
Osaka-shi, Osaka 550-0002 Japan
Brand Name: HOKUYO
Model No.: DM-RF01
Report Number: TERF2511003931E2
FCC ID 2BTNJ-DM-RF01
Date of EUT Received: April 17, 2025
Date of Test: November 24, 2025~November 27, 2025
Issue Date: December 18, 2025

Approved By _____

Aken Huang

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 and the energy emitted by the sample EUT comply with FCC rule part §15.249.

The results of this report relate only to the sample identified in this report.

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2511003931E2	00	Original	December 18, 2025	Yuri Tsai	

Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.

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1 GENERAL INFORMATION

1.1 Product Description

EUT Description	Module
Brand Name:	HOKUYO
Model No.:	DM-RF01
Hardware Version:	1
Firmware Version:	1
EUT Series No.:	N/A
Power Supply:	5 Vdc
Test Software (Name/Version)	jupyter lab/4.3.6

1.2 RF Specification

Frequency Range:	5728MHz-5847MHz
Channel number:	120 channels
Modulation type:	GFSK
Transmit Power:	62.96 dBuV/m (Avg) 101.37 dBuV/m (Peak)

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1.3 Antenna Designation

Internal Antenna:

Antenna Type	Freq. (MHz)	Peak Antenna Gain (dBi)
Split ring	5725~5850	0.53

External Antenna:

Antenna Type	Freq. (MHz)	Peak Antenna Gain (dBi)
Dipole	5725~5850	2.73

Note:

1. Pre-scanned was done on the above antennas, measurements were demonstrated by using the antenna with the highest gain as the worst case scenarios.
2. The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.
3. The antenna complies with part 15.203 requirement and no consideration of replacement. Please see EUT photo for details.

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1.4 Operating Frequencies

5728~5847 MHz											
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
3	5728	23	5748	43	5768	63	5788	83	5808	103	5828
4	5729	24	5749	44	5769	64	5789	84	5809	104	5829
5	5730	25	5750	45	5770	65	5790	85	5810	105	5830
6	5731	26	5751	46	5771	66	5791	86	5811	106	5831
7	5732	27	5752	47	5772	67	5792	87	5812	107	5832
8	5733	28	5753	48	5773	68	5793	88	5813	108	5833
9	5734	29	5754	49	5774	69	5794	89	5814	109	5834
10	5735	30	5755	50	5775	70	5795	90	5815	110	5835
11	5736	31	5756	51	5776	71	5796	91	5816	111	5836
12	5737	32	5757	52	5777	72	5797	92	5817	112	5837
13	5738	33	5758	53	5778	73	5798	93	5818	113	5838
14	5739	34	5759	54	5779	74	5799	94	5819	114	5839
15	5740	35	5760	55	5780	75	5800	95	5820	115	5840
16	5741	36	5761	56	5781	76	5801	96	5821	116	5841
17	5742	37	5762	57	5782	77	5802	97	5822	117	5842
18	5743	38	5763	58	5783	78	5803	98	5823	118	5843
19	5744	39	5764	59	5784	79	5804	99	5824	119	5844
20	5745	40	5765	60	5785	80	5805	100	5825	120	5845
21	5746	41	5766	61	5786	81	5806	101	5826	121	5846
22	5747	42	5767	62	5787	82	5807	102	5827	122	5847

*Note: Channel is defined by test tool

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1.5 EUT Availability and The Worst Test Modes

1. Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
2. The field strength of radiation emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.
3. Investigation has been done on all the possible configurations for searching the worst case. The given UE is pre-scanned among below modes.

CONDUCTED TEST				
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
SRD5.8G	3 to 122	3,62,122	GFSK	1

TRANSMIT RADIATED EMISSION TEST			
MODE	FREQUENCY BAND (MHz)	TEST FREQUENCY (MHz)	MODULATION
SRD5.8G	5728 to 5847	5728,5787,5847	GFSK

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2 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result	Note
§15.207(a)	AC Power Line Conducted Emission	Compliant	N
§15.205 §15.249(a)(e) §15.209	Field Strength and Unwanted Emissions	Compliant	
§15.215(c)	Emission Bandwidth	Compliant	N
§15.203	Antenna Requirement	Compliant	

Note

1. N/S Indicates whether item(s) being newly tested [N] or spot checked [S].
2. Items other than newly tested [N] are leveraged from test report TERF2504001410ER.

2.1 Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.249

ANSI C63.10:2020

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2.2 Measurement Uncertainty

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 1.54 dB
Output Power measurement	+/- 0.97 dB
Emission Bandwidth	+/- 1.38 Hz
Conducted emission measurement	+/- 0.77 dB
Peak Power Density	+/- 0.61 dB
Temperature	+/- 0.6 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty				
Polarization: Vertical	+/-	1.89	dB	9kHz~30MHz
	+/-	4.1	dB	30MHz - 1000MHz
	+/-	3.37	dB	1GHz - 18GHz
	+/-	3.83	dB	18GHz - 40GHz
Polarization: Horizontal	+/-	1.89	dB	9kHz~30MHz
	+/-	4.1	dB	30MHz - 1000MHz
	+/-	3.37	dB	1GHz - 18GHz
	+/-	3.83	dB	18GHz - 40GHz
Radiated Spurious Emission	+/-	2	dB	33GHz-50GHz
	+/-	1.59	dB	50GHz-60GHz
	+/-	1.71	dB	60GHz-90GHz
	+/-	1.64	dB	90GHz-140GHz
	+/-	3.84	dB	140GHz-220GHz

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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2.3 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation Number / Registration Number	ISED CAB identifier/ Company Number
TW3702 / 4620A	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027 / 891563	TW3702 / 4620A
		SAC 2		
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
		Conducted 6		
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028 / 200037	TW3702 / 4620E
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
		Conducted G		

Note: The test site name is noted on the equipment list to indicate where the measurements were conducted.

Temperature:	23.1	°C	Relative Humidity:	67	%
Test site	Conducted F		Test Start:	11/27/2025	
Test Engineer:	Willy Jiang		Test Done:	11/27/2025	

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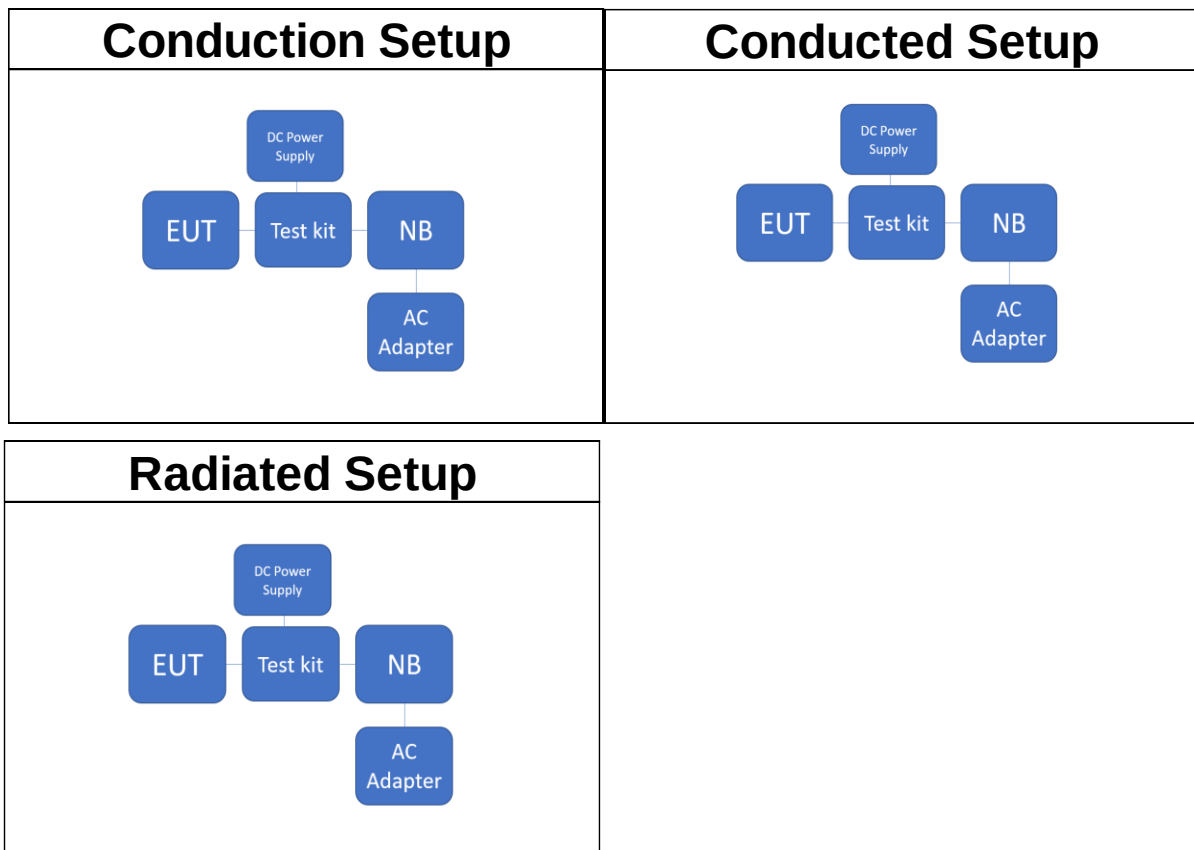
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3 CONTROL UNIT(S) AND PERIPHERAL(S)

3.1 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme. The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

3.2 Diagrams



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3.3 List

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Test cable	FTDI Chip	TTL-232R-3V3	N/A	N/A	N/A
Adapter	Fujitsu	A13-065N2A	19Z808JB03	N/A	N/A
Notebook	Fujitsu	FMVNP7TE	R2Y00022	N/A	N/A

Conducted Emission Test Site: Conducted F					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
MMCX to RP-SMA Cable	Te Connectivity	2505470-1	N/A	N/A	N/A
Notebook	FUJITSU	FMVNP7TE	R2Y00022	N/A	N/A
AC Adapter	FUJITSU	A13-065N2A	19Z808JB03	N/A	N/A

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Test cable	FTDI Chip	TTL-232R-3V3	N/A	N/A	N/A
MMCX to RP-SMA Cable	Te Connectivity	2505470-1	N/A	N/A	N/A
Adapter	Fujitsu	A13-065N2A	19Z808JB03	N/A	N/A
Notebook	Fujitsu	FMVNP7TE	R2Y00022	N/A	N/A

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4 TEST INSTRUMENT

4.1 Conducted Measurement

Conducted Emission Test Site: Conducted F					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Attenuator	Marvelous	MVE2213-10	RF04	11/13/2025	11/12/2026
Attenuator	Woken	WATT-218FS-10	RF12	11/13/2025	11/12/2026
DC Block	PASTERNAK	PE8210	RF38	11/13/2025	11/12/2026
DC Power Supply	Gwinstek	SPS-3610	GEV856769	07/29/2025	07/28/2026
Power Meter	Anritsu	ML2496A	2138005	09/22/2025	09/21/2026
Power Sensor	Anritsu	MA2411B	1911395	09/22/2025	09/21/2026
Power Sensor	Anritsu	MA2411B	1911396	09/22/2025	09/21/2026
Spectrum Analyzer	KEYSIGHT	N9010B	MY63440390	02/13/2025	02/12/2026
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R

4.2 Radiated Measurement

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
3m Site NSA	SGS	966 chamber G	N/A	03/30/2025	03/29/2026
Active Loop Antenna	COM-POWER	AL-130R	10160105	12/11/2024	12/10/2025
Broadband Antenna	SCHWARZBECK	VULB 9168	1206	01/16/2025	01/15/2026
Coaxial Cable	EMCI+Huber Suhner	EMCCFD400-NM-NM-8000+EMCCFD400-NM-NM-5000+SUCOFLEX100+EMC104-SM-SM-2000+EMC104-SM-SM-8000+EMC104-SM-SM-5000	210216+210217+84103701/15+160105+210217+210220	11/14/2024	11/13/2025
DC Power Supply	Gwinstek	GPC-3060D	GEW925544	03/31/2025	03/30/2026
Notch Filter	Woken	EWT-14-0251	RF195	11/14/2024	11/13/2025
Horn Antenna	Schwarzbeck	BBHA9170	184	12/20/2024	12/19/2025
Lowpass Filter	Woken	EWT-56-0019	RF163	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC184045SEE	980881	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC330N	980781	11/14/2024	11/13/2025
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071574	06/28/2024	06/27/2025
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

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4.3 Emission from AC power line

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Coaxial Cable	EC Lab	RF-HY-CAB-250	RF-HY-CAB-250-01	03/27/2025	03/26/2026
DC Power Supply	Gwinstek	SPS-3610	GEW902165	01/03/2025	01/02/2026
EMI Test Receiver	R&S	ESCI	101342	04/23/2025	04/22/2026
LISN	SCHWARZBECK Mess-Elektronik	NSLK8127	974	06/30/2025	06/29/2026
Pulse Limiter	EC Lab	VTSD 9561F-N	485	03/27/2025	03/26/2026
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

NOTE: N.C.R refers to Not Calibrated Required.

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5 REGULATORY REQUIREMENTS

5.1 Field Strength and Unwanted Emissions

1. Only spurious emissions are permitted in any of the frequency bands listed in §15.205.
2. The field strength of fundamental and harmonic emissions, measured at 3 m, shall not exceed 50 mV/m and 0.5 mV/m respectively.
3. Emissions radiated outside of the specified frequency bands, except for harmonic emissions, shall be attenuated by at least 50 dB below the level of the fundamental emissions or to the general field strength limits listed in §15.209, whichever is less stringent.

5.2 Emission Bandwidth

§2.1049 (h) & 15.215(c)

- (c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. In the case of intentional radiators operating under the provisions of subpart E, the emission bandwidth may span across multiple contiguous frequency bands identified in that subpart. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

5.3 AC Power Line Conducted Emission

Frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

Frequency range MHz	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Note 1. The lower limit shall apply at the transition frequencies 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

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5.4 Antenna Requirement

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.

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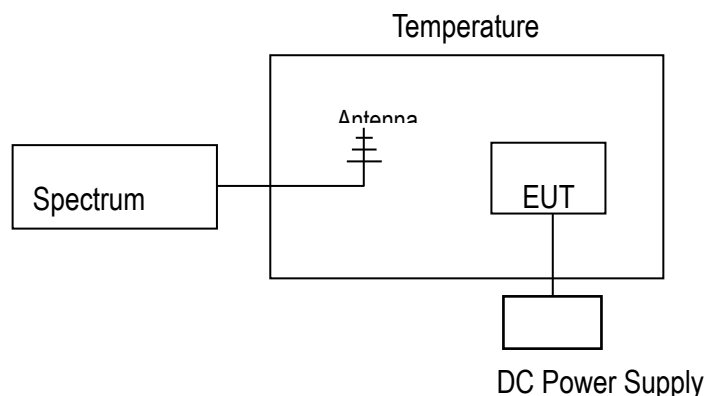
6 TEST CONFIGURATION

6.1 Field Strength and Un-wanted Emissions

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

6.1.1 Duty Factor



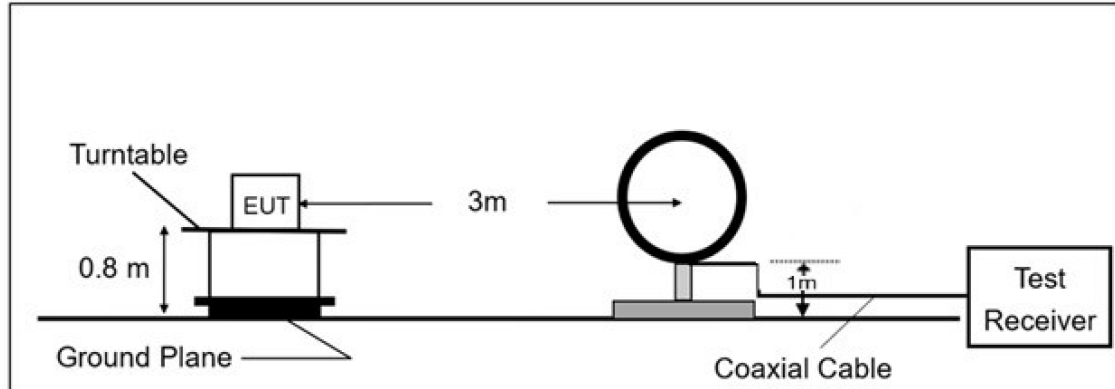
1. Place the EUT on the table and set it in transmitting mode.
2. Set span = Zero
3. RBW = 8MHz, VBW = 8MHz,
4. Detector = Peak

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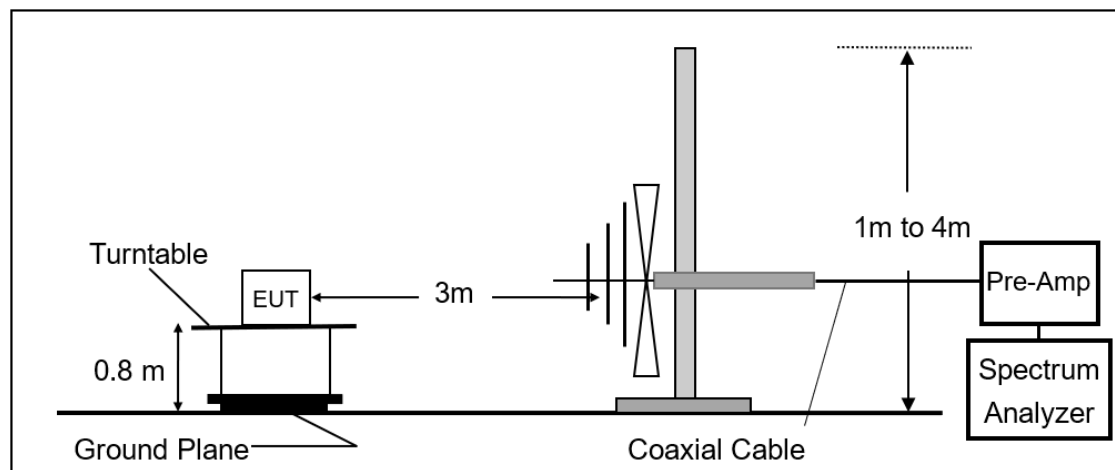
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6.1.2 Radiated Emission

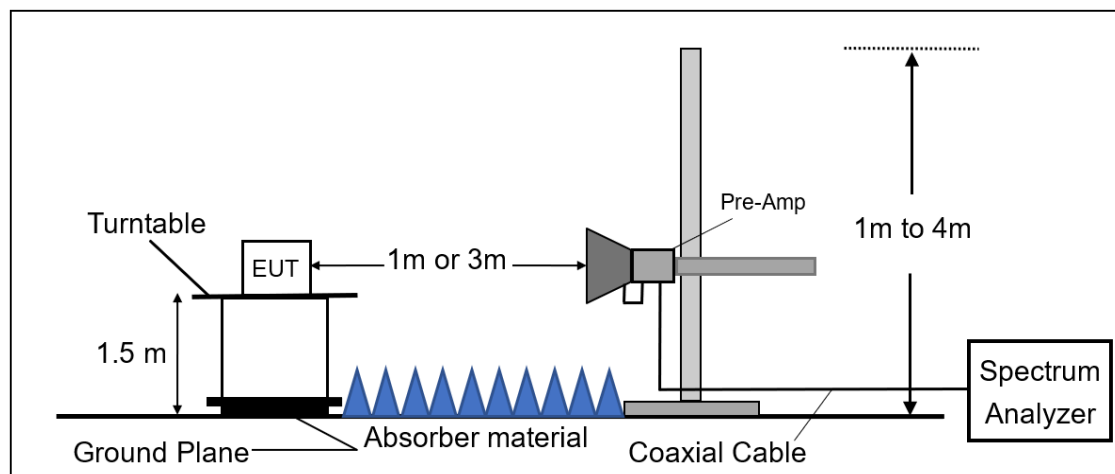
Frequency Below 30MHz.



Frequency From 30MHz to 1000MHz.



Frequency Above 1GHz.



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1. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
2. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
4. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz.
5. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
6. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= Peak for Maximum Emission Measurements at frequency above 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= RMS for Average Emission measurements at frequency above 1 GHz when $D \geq 98\%$.
8. Set the spectrum analyzer as RBW=1 MHz, $VBW \geq 1/T$ when $D < 98\%$, Detector= Peak for Average Emission Measurements at frequency above 1 GHz.
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 default test channel measured were complete.

Note: The emissions from 9 kHz to 30MHz was pre-scanned as 20dB lower than the limits per 15.31(o), and hence not reported.

6.1.3 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(dBμV/m) CL = Cable Attenuation Factor (Cable Loss) (dB)
 RA = Reading Amplitude(dBμV) AG = Amplifier Gain (dB)
 AF = Antenna Factor (dBμV/m)

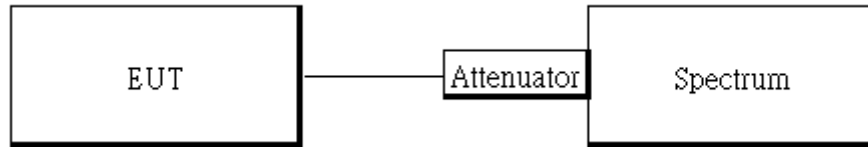
The limit of the emission level is expressed in dBuV/m, which converts $20 \cdot \log(uV/m)$

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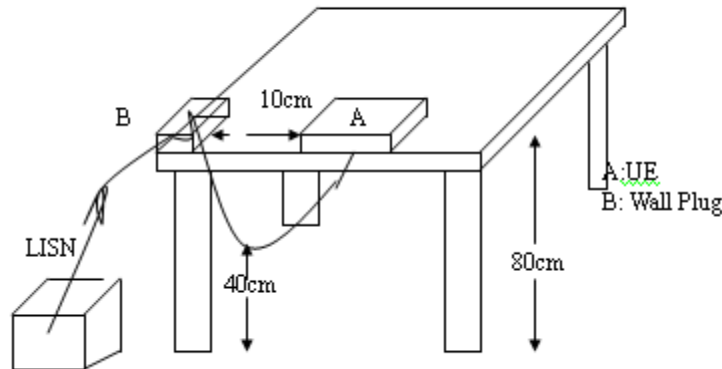
$$\text{Factor(dB)} = \text{Antenna Factor(dB}\mu\text{V/m)} + \text{Cable Loss(dB)} - \text{Pre_Amplifier Gain(dB)}$$

6.2 Emission Bandwidth



1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as
RBW=1 % to 5% of OBW and without going below 1kHz,
VBW ≥ 3 times RBW,
Span= 2 to 5 times of the OBW.
Sweep=auto
Detector = Peak, and Max hold
4. Turn on the -20 dB Bandwidth function, max reading.
5. Turn on the 99% bandwidth function, max reading.

6.3 AC Power Line Conducted Emission



1. The conducted emission tests were performed at the designated test site using a setup in accordance with ANSI C63.10.
2. The EUT was placed on a non-conductive table that is 0.8 meters above the ground plane. Conducted emissions were measured in the frequency range from 0.15 MHz to 30 MHz using CISPR Quasi-Peak and Average detector modes. The two LISNs provided 50 μH / 50 ohm coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

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3. The AC/DC power adaptor of the EUT was connected to the LISN. The EUT was positioned flush with the rear edge of the table, with a minimum 0.4-meter distance from the shielding wall.
4. The LISNs were connected to the power source and configured according to the test requirements.
5. The maximum emission levels were investigated for each mode of operation. The six highest emissions were further maximized to ensure compliance.
6. The above procedures were repeated for all power supply configurations of the EUT.

Level = Read Level + Factor

Factor = (LISN, ISN, or current probe)Factor + Cable Loss +Attenuator

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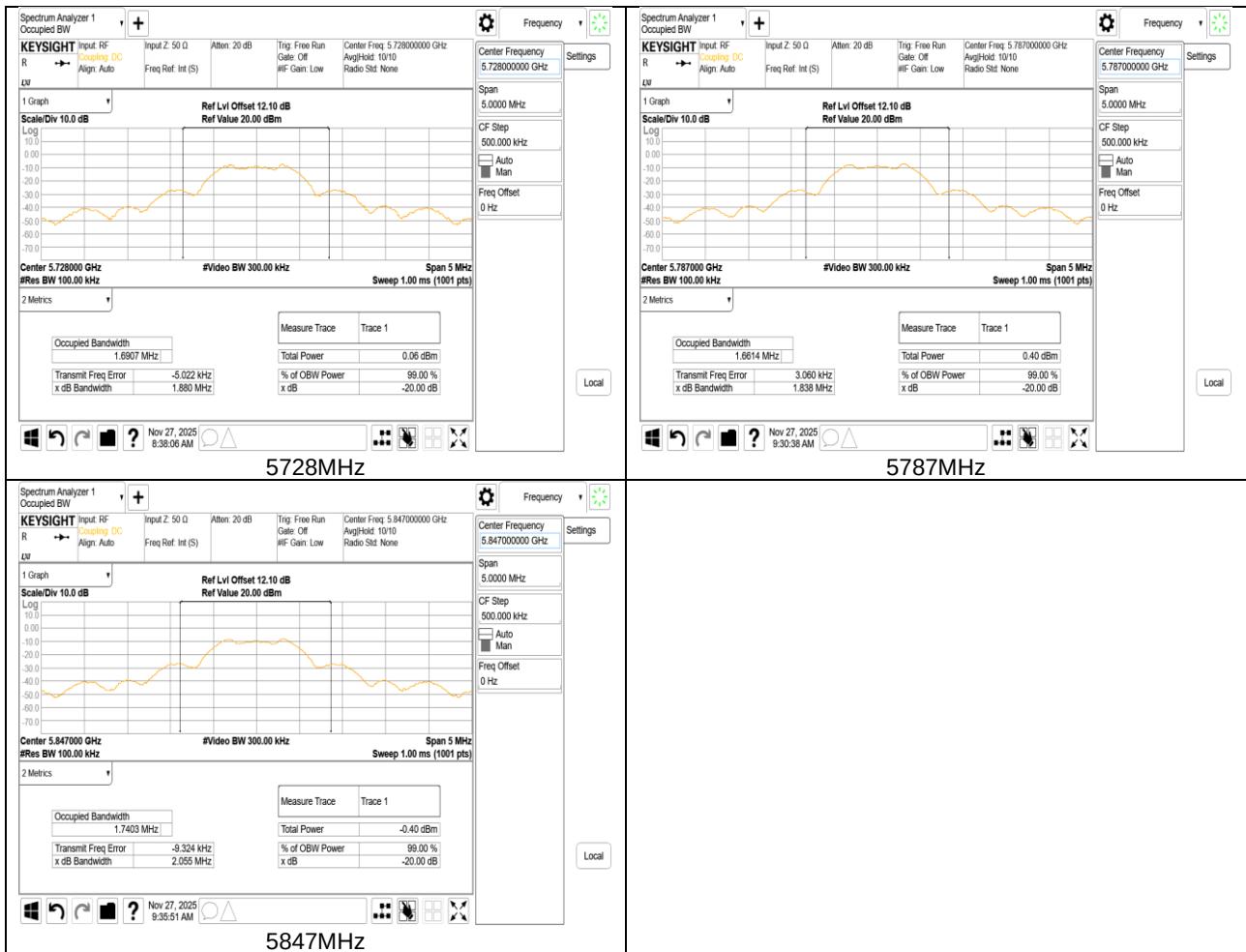
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7 TEST RESULTS

7.1 Emission Bandwidth

SRD mode

Frequency (MHz)	20dB BW (MHz)	99% Bandwidth (MHz)
5728	1.88	1.6907
5787	1.838	1.6614
5847	2.055	1.7403



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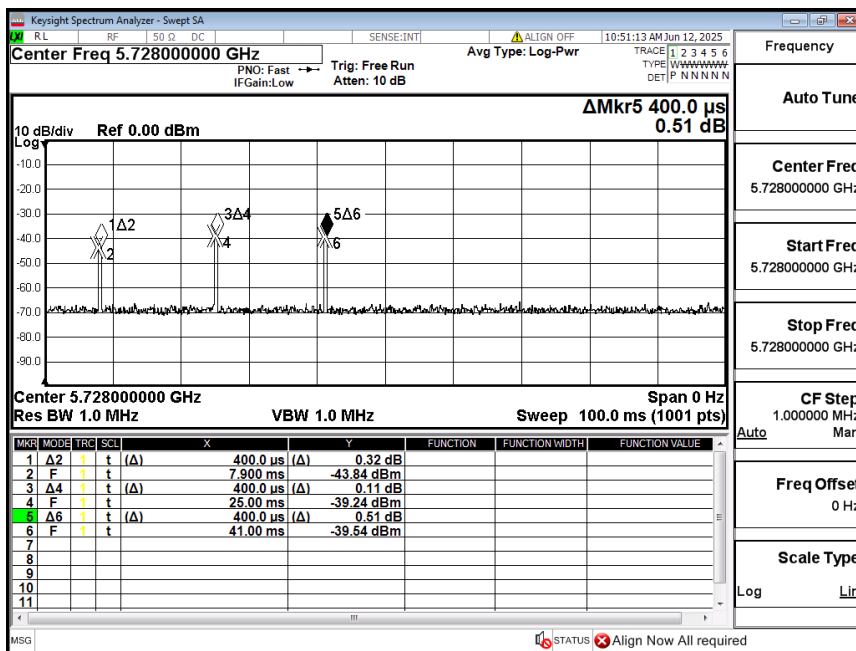
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7.2 Field Strength and Unwanted Emissions

7.2.1 Duty Factor:

Time ON of 100ms: 1.200 ms
Duty Cycle=1.2ms / 100ms= 0.012
Duty Cycle correction factor=20 LOG 0.012 = -38.41 dB



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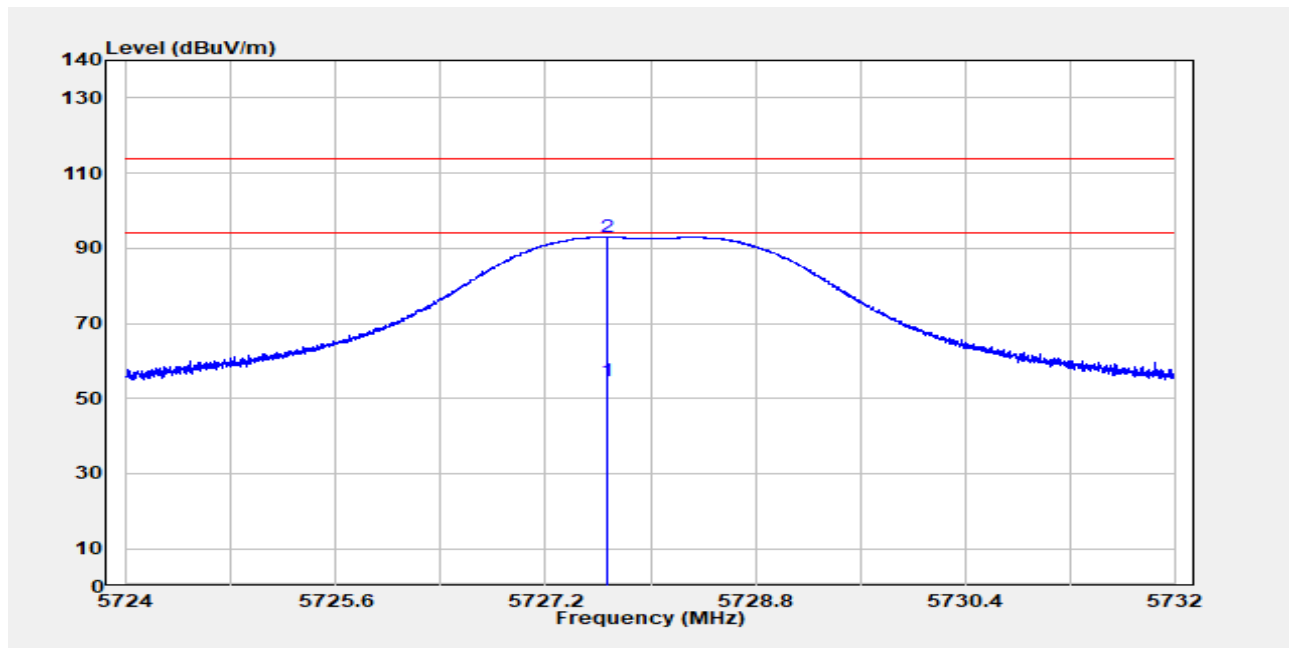
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7.2.2 Field Strength of the Fundamental Signal

External antenna

Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5727.67	Average	-	-	54.54	94.00	-39.46
5727.67	Peak	88.53	4.42	92.95	114.00	-21.05

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

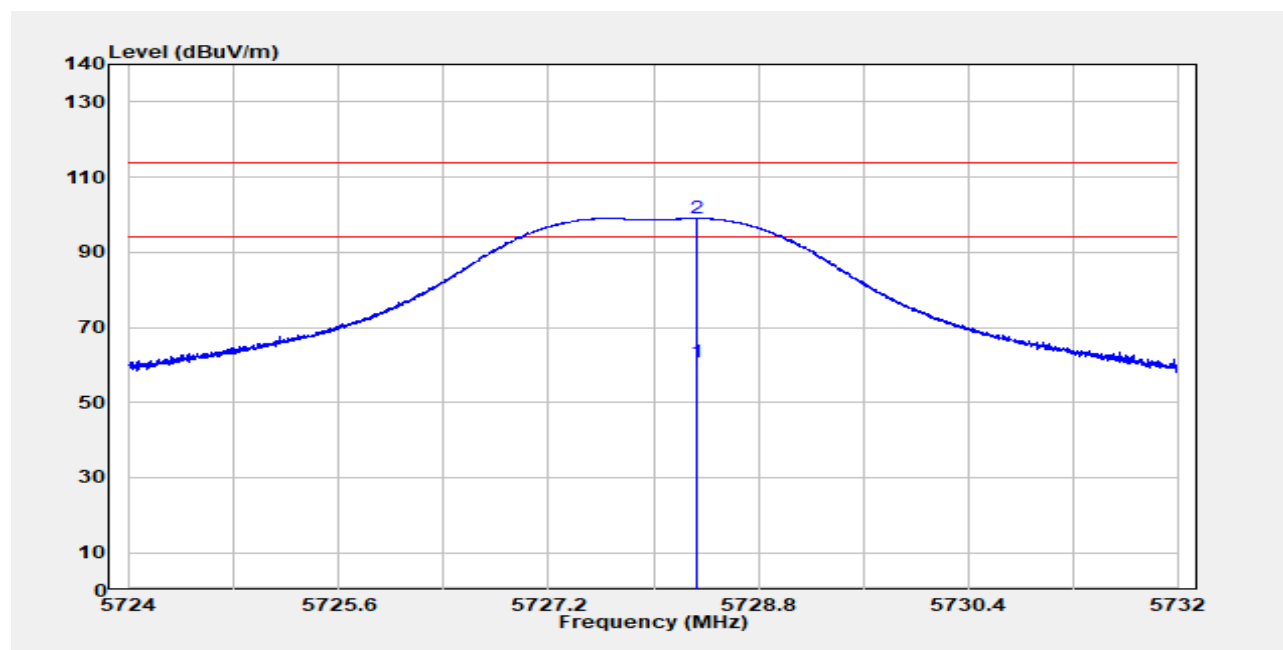
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Report Number :TERF2504001410ER
Operation Mode :SRD
Test Frequency :5728 MHz
Test Mode :Main
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-12
Temp./Humi. :20.5°C/64%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5728.33	Average	-	-	60.56	94.00	-33.44
5728.33	Peak	94.55	4.42	98.97	114.00	-15.03

Average Duty Cycle Factor=-38.41 (dB)

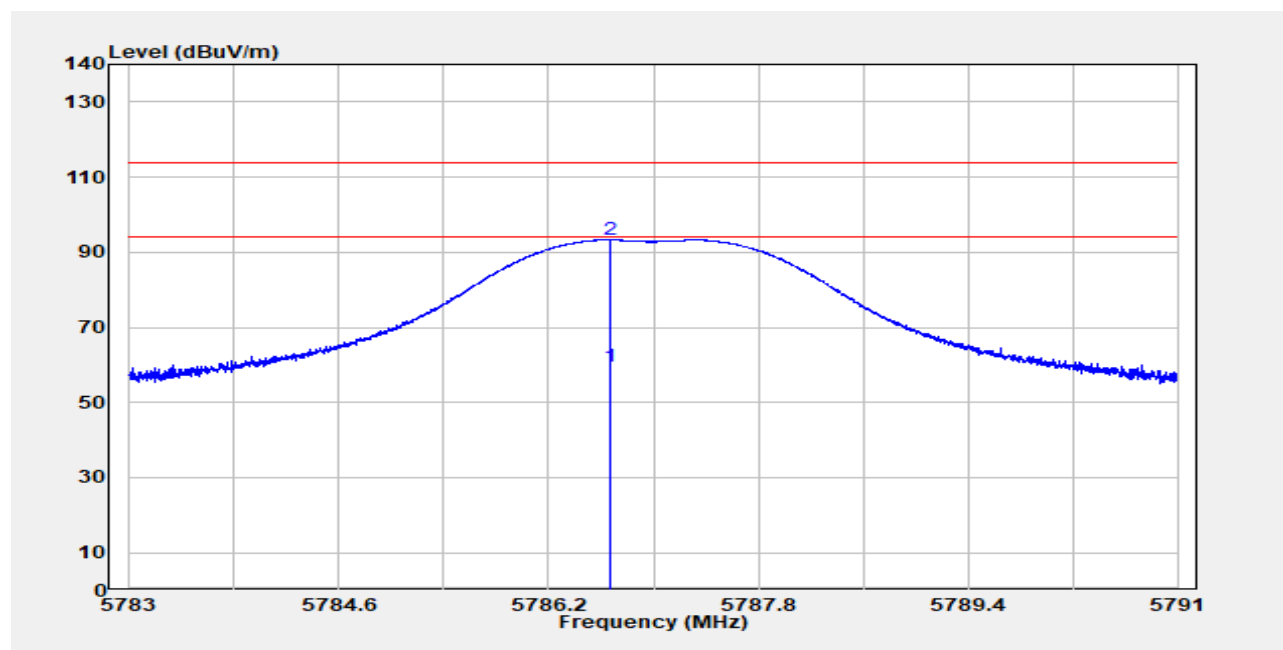
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5787 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5786.66	Average	-	-	54.85	94.00	-39.15
5786.66	Peak	88.30	4.96	93.26	114.00	-20.74

Average Duty Cycle Factor=-38.41 (dB)

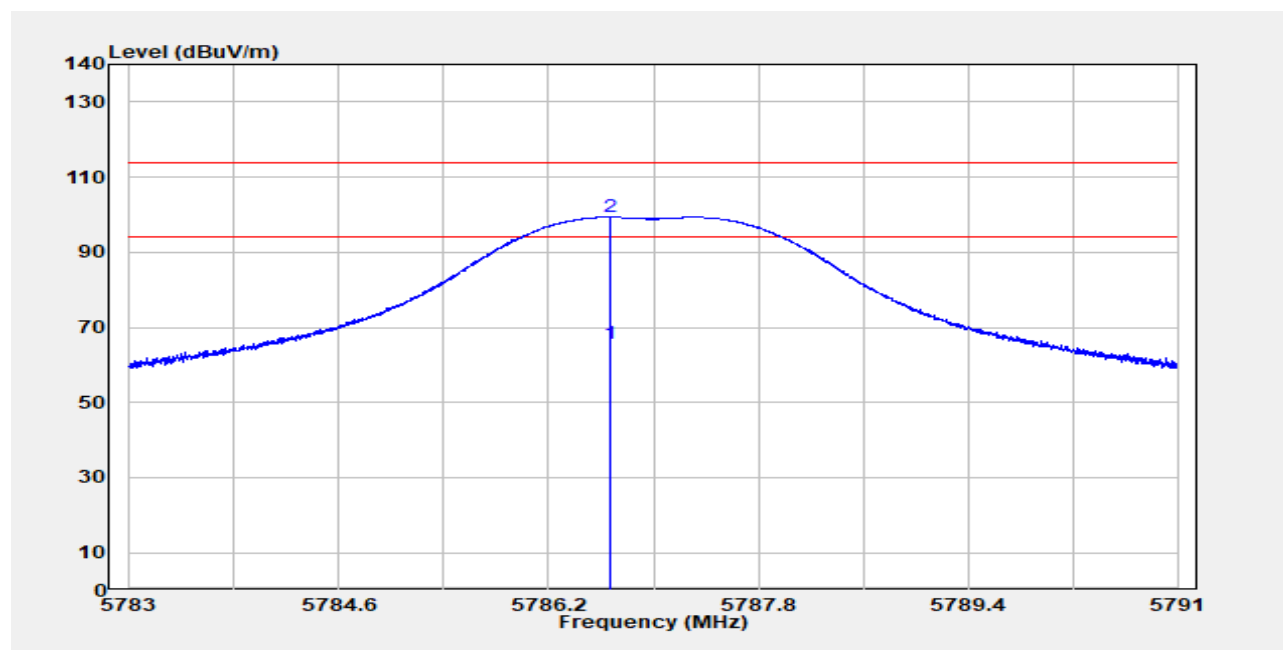
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5787 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5786.67	Average	-	-	60.92	94.00	-33.08
5786.67	Peak	94.37	4.96	99.33	114.00	-14.67

Average Duty Cycle Factor=-38.41 (dB)

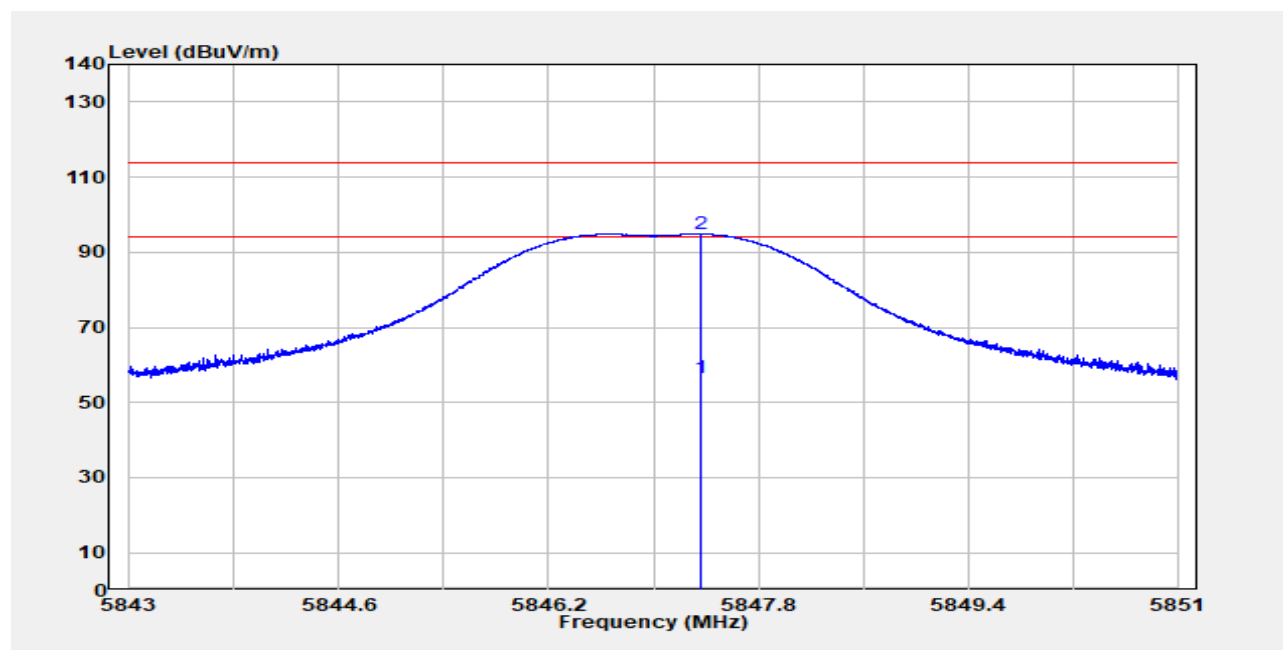
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5847.36	Average	-	-	56.41	94.00	-37.59
5847.36	Peak	89.19	5.63	94.82	114.00	-19.18

Average Duty Cycle Factor=-38.41 (dB)

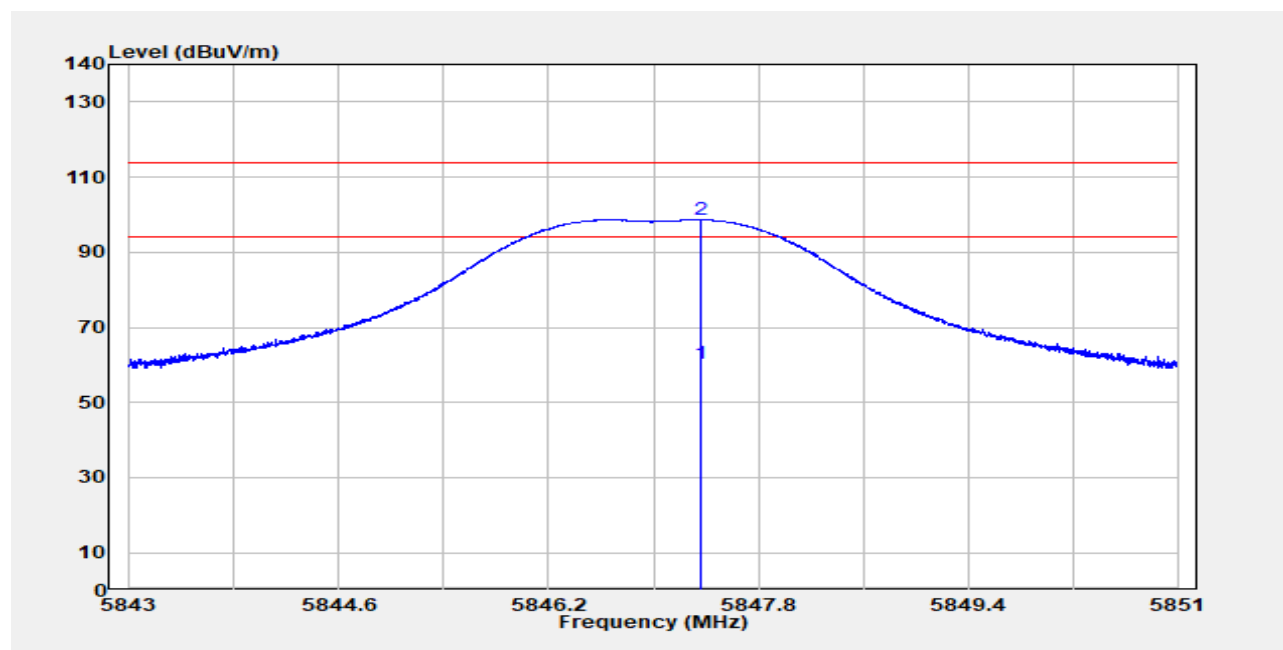
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5847.36	Average	-	-	60.22	94.00	-33.78
5847.36	Peak	93.00	5.63	98.63	114.00	-15.37

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

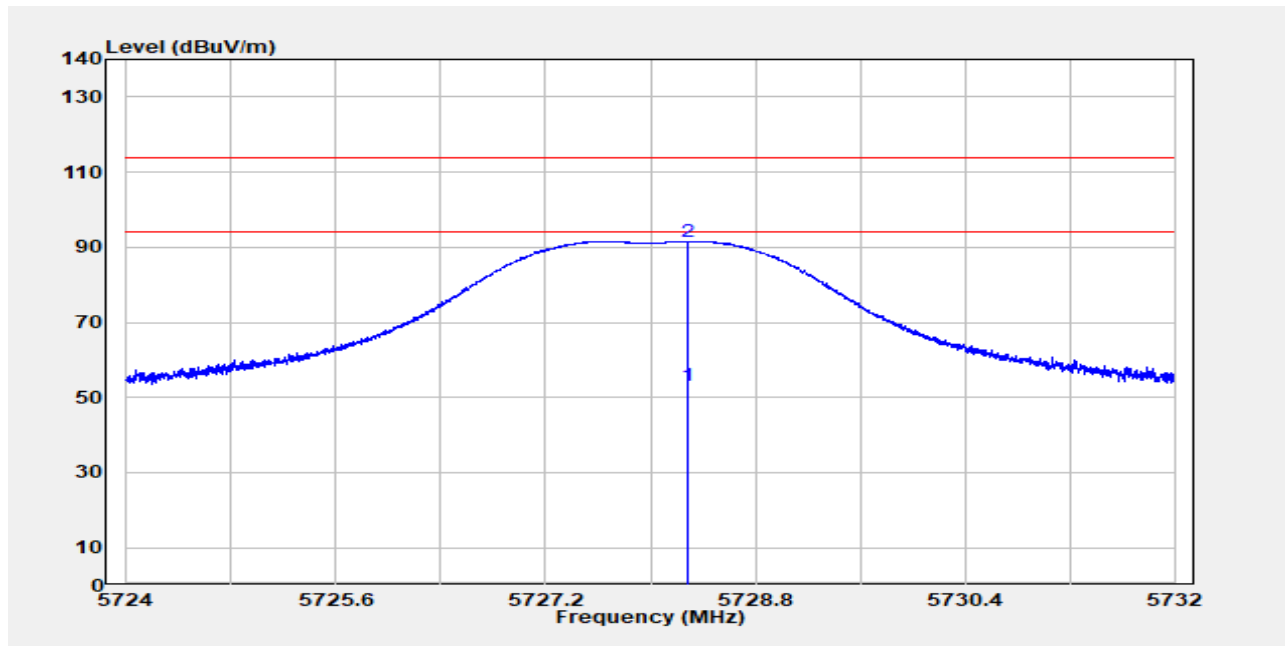
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Internal antenna

Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5728.29	Average	-	-	53.14	94.00	-40.86
5728.29	Peak	87.13	4.42	91.55	114.00	-22.45

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

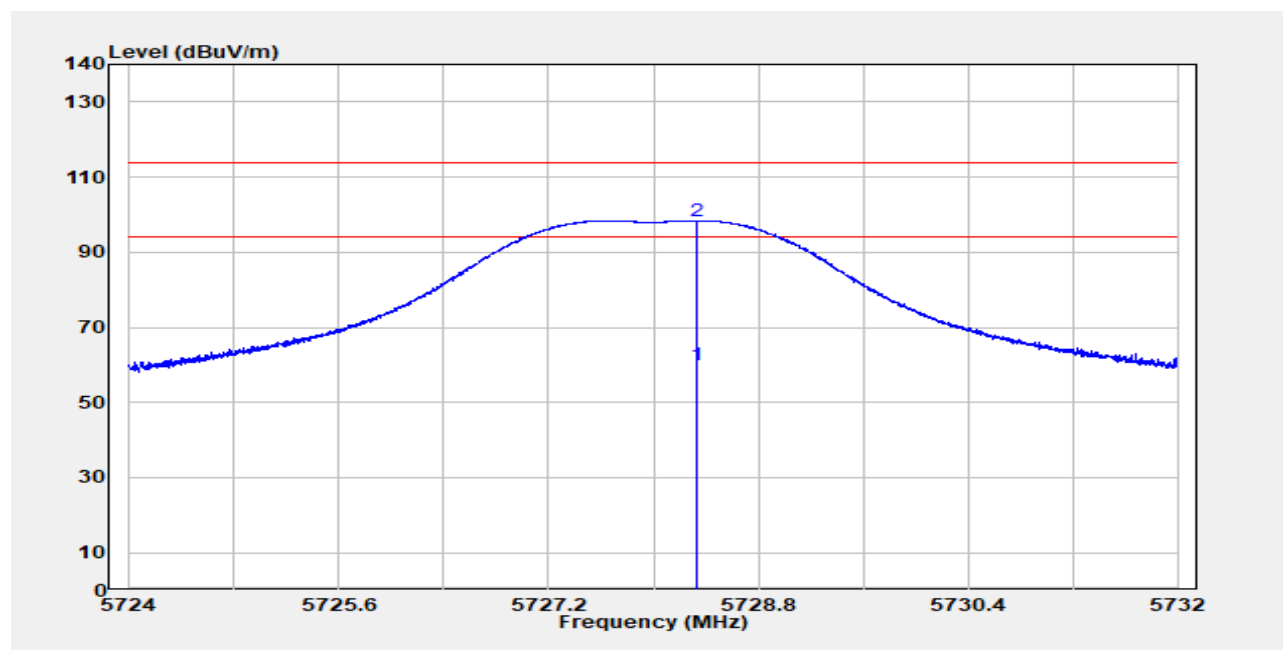
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5728.33	Average	-	-	60.02	94.00	-33.98
5728.33	Peak	94.01	4.42	98.43	114.00	-15.57

Average Duty Cycle Factor=-38.41 (dB)

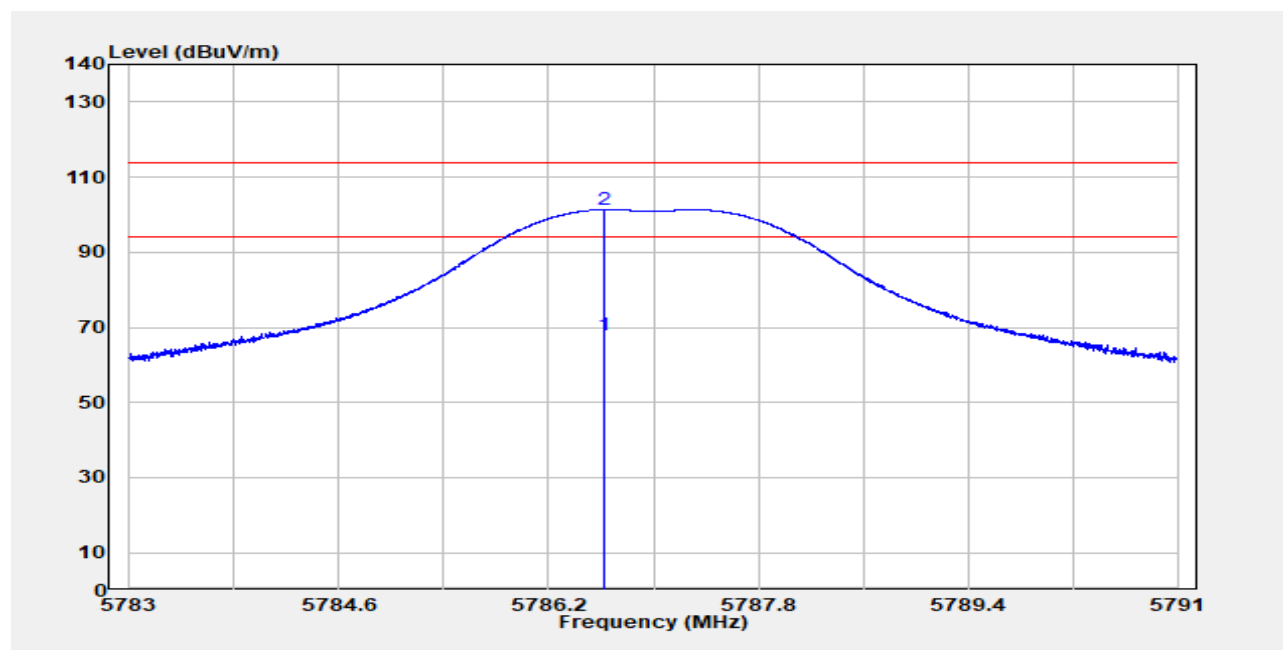
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5787 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5786.63	Average	-	-	62.96	94.00	-31.04
5786.63	Peak	96.41	4.96	101.37	114.00	-12.63

Average Duty Cycle Factor=-38.41 (dB)

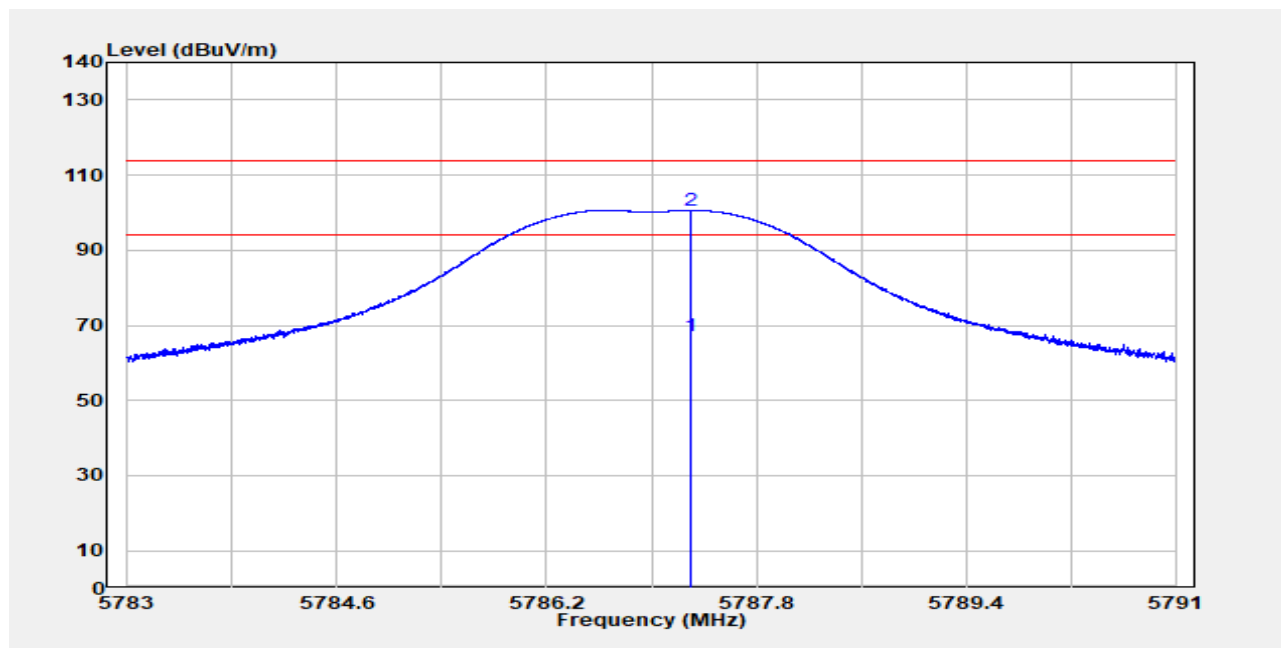
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5787 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5787.30	Average	-	-	62.23	94.00	-31.77
5787.30	Peak	95.68	4.96	100.64	114.00	-13.36

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

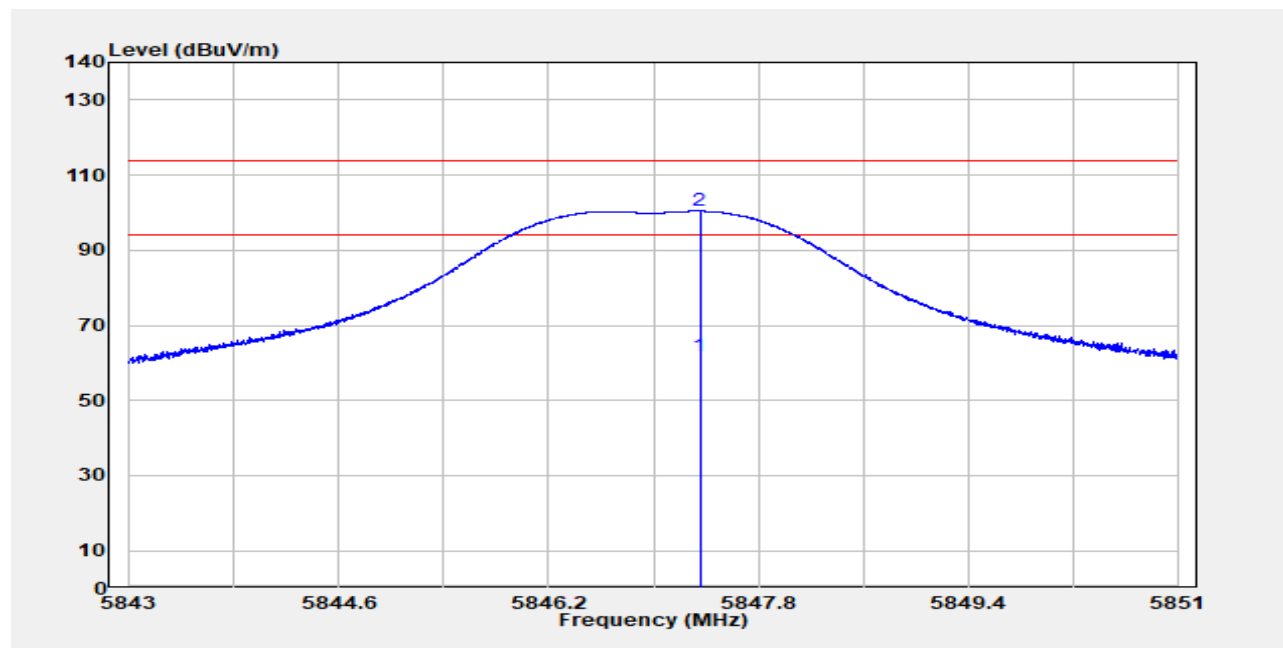
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5847.35	Average	-	-	61.99	94.00	-32.01
5847.35	Peak	94.77	5.63	100.40	114.00	-13.60

Average Duty Cycle Factor=-38.41 (dB)

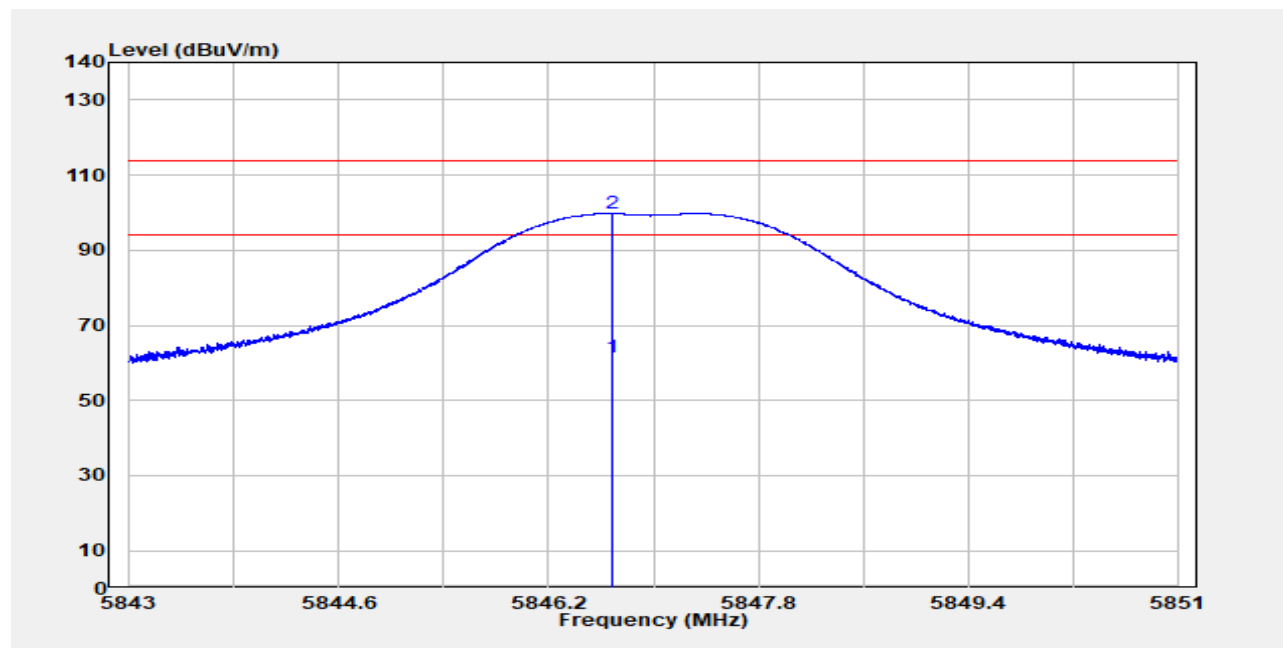
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Main
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5846.68	Average	-	-	61.33	94.00	-32.67
5846.68	Peak	94.12	5.62	99.74	114.00	-14.26

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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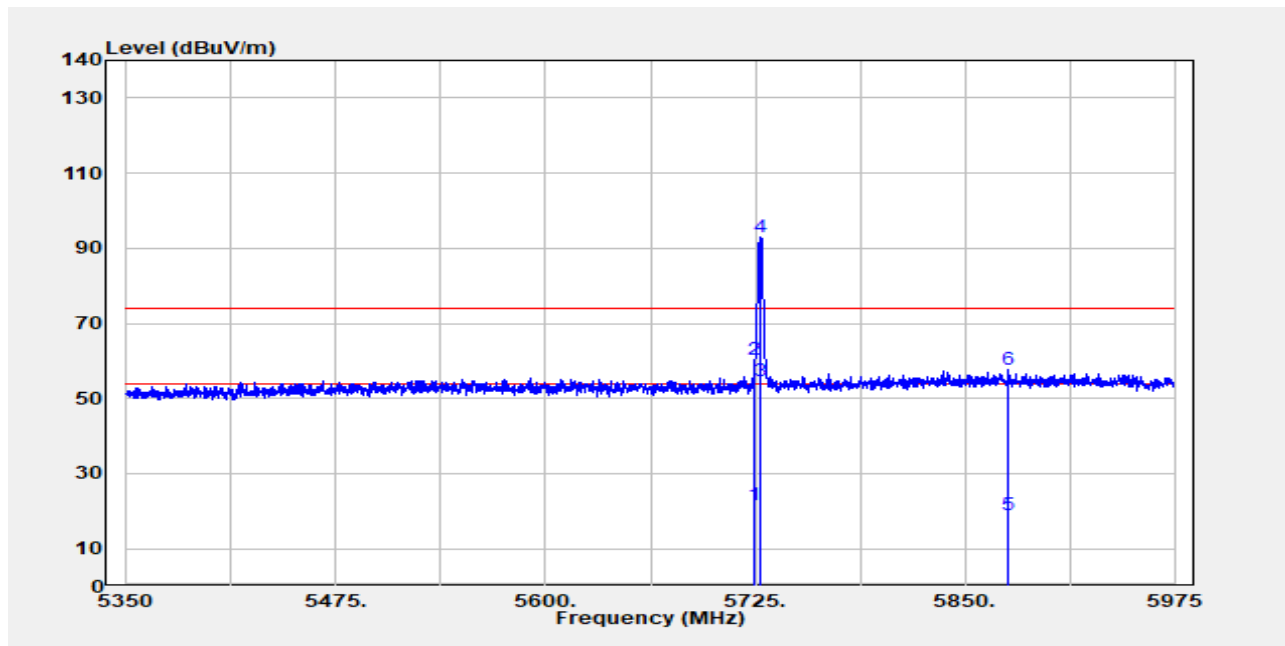
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7.2.3 Restricted bands around fundamental frequency

External antenna

Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5724.92	Average	-	-	21.73	54.00	-32.27
5724.92	Peak	55.76	4.38	60.14	74.00	-13.86
5727.83	Average	-	-	54.51	-	-
5727.83	Peak	88.5	4.42	92.92	-	-
5875.59	Average	-	-	19.09	54.00	-34.91
5875.59	Peak	51.49	6.01	57.50	74.00	-16.50

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

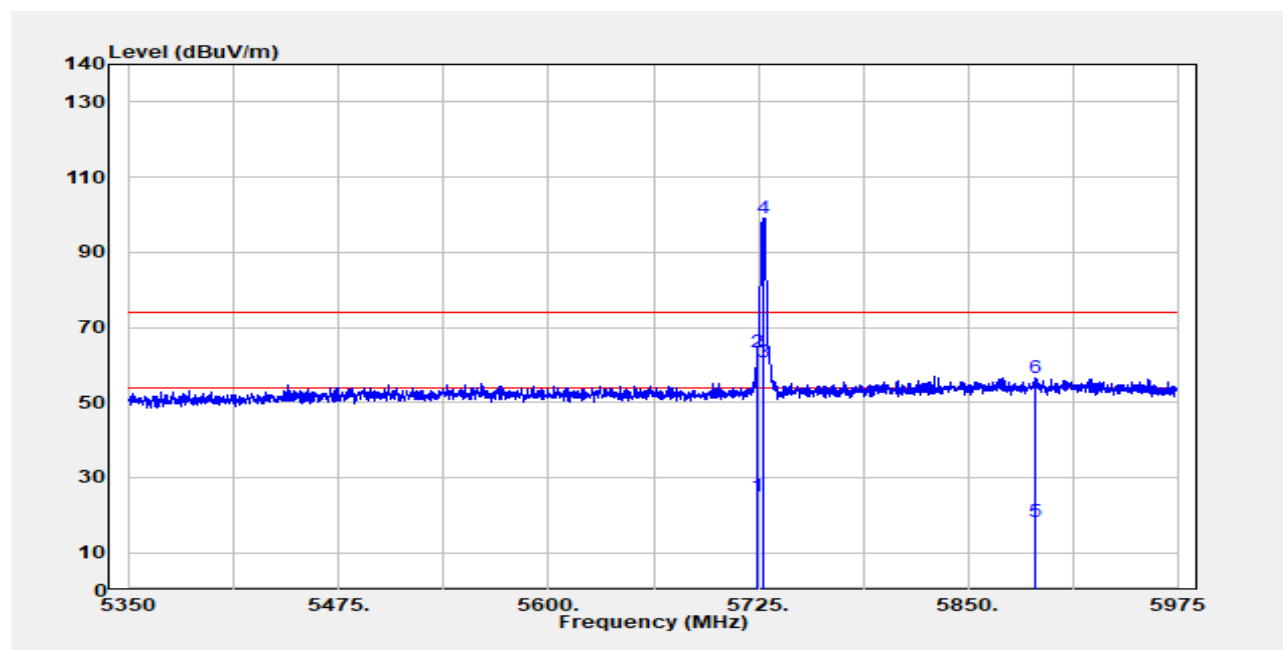
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5724.92	Average	-	-	25.14	54.00	-28.86
5724.92	Peak	59.17	4.38	63.55	74.00	-10.45
5727.83	Average	-	-	60.70	-	-
5727.83	Peak	94.69	4.42	99.11	-	-
5889.97	Average	-	-	18.29	54.00	-35.71
5889.97	Peak	50.49	6.21	56.70	74.00	-17.30

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

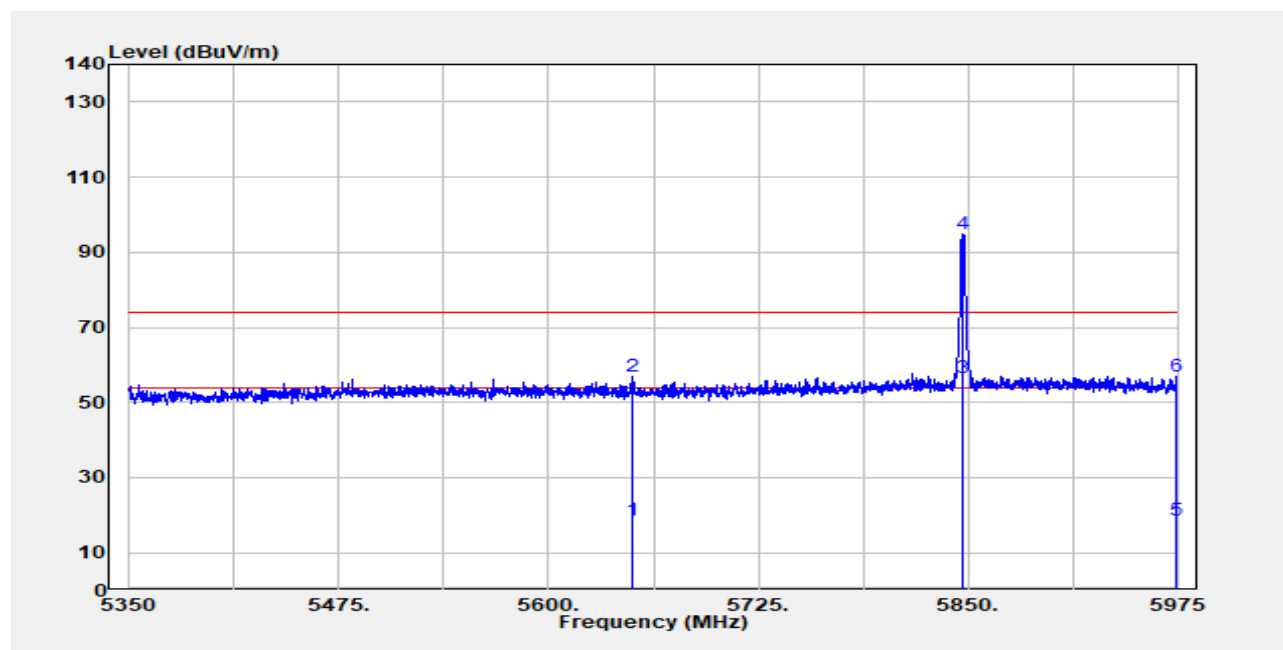
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5649.89	Average	-	-	18.62	54.00	-35.38
5649.89	Peak	53.07	3.96	57.03	74.00	-16.97
5846.83	Average	-	-	56.39	-	-
5846.83	Peak	89.18	5.62	94.80	-	-
5974.58	Average	-	-	18.52	54.00	-35.48
5974.58	Peak	51.24	5.69	56.93	74.00	-17.07

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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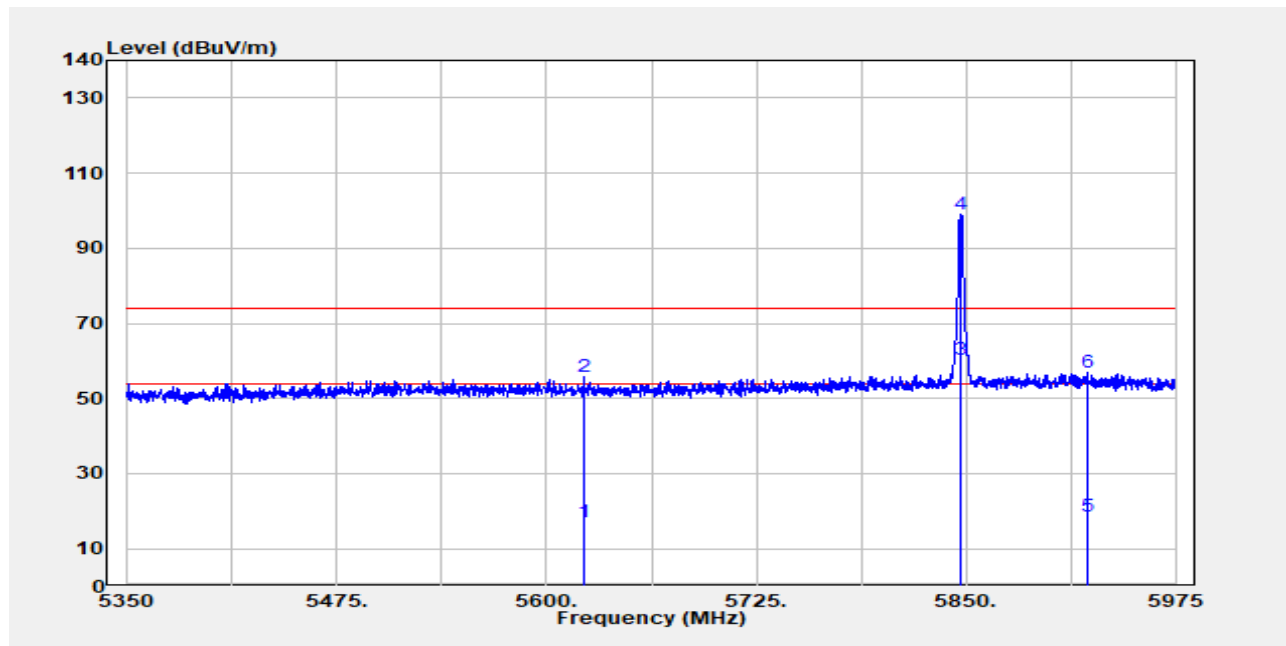
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5621.97	Average	-	-	17.17	54.00	-36.83
5621.97	Peak	51.64	3.94	55.58	74.00	-18.42
5846.83	Average	-	-	60.44	-	-
5846.83	Peak	93.23	5.62	98.85	-	-
5922.48	Average	-	-	18.67	54.00	-35.33
5922.48	Peak	50.93	6.15	57.08	74.00	-16.92

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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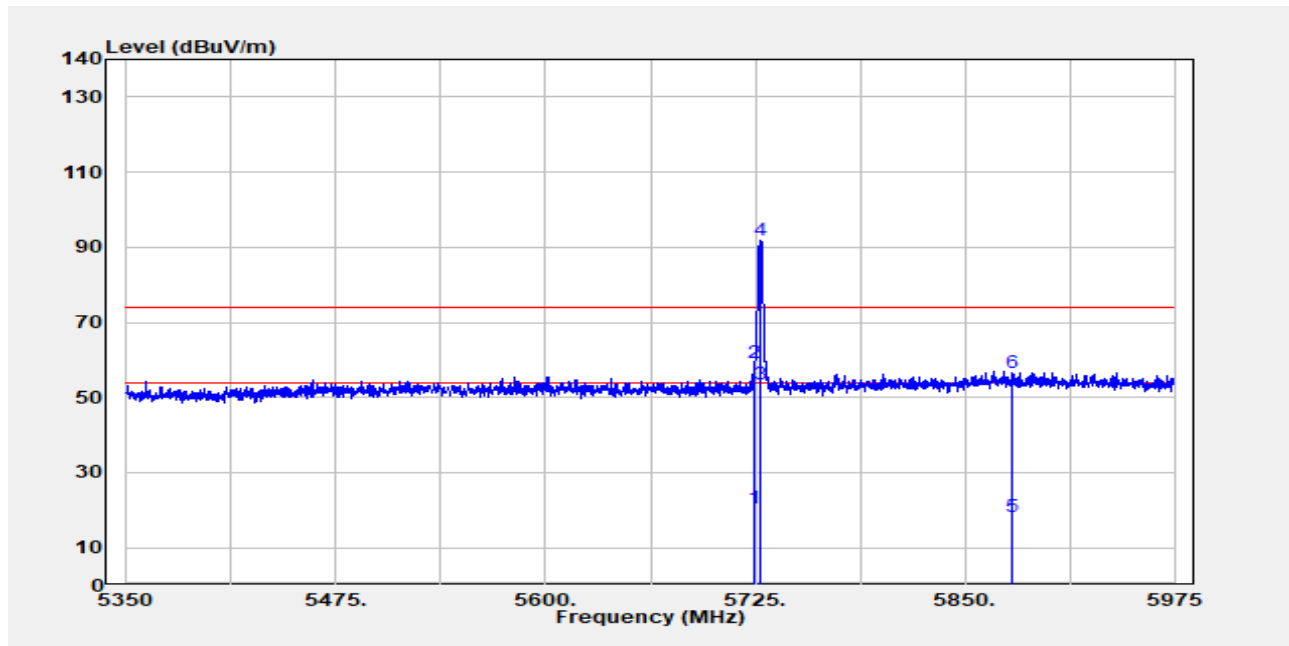
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Internal antenna

Report Number :TERF2504001410ER
Operation Mode :SRD
Test Frequency :5728 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-12
Temp./Humi. :20.5°C/64%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5724.92	Average	-	-	20.64	54.00	-33.36
5724.92	Peak	54.67	4.38	59.05	74.00	-14.95
5728.46	Average	-	-	53.34	-	-
5728.46	Peak	87.33	4.42	91.75	-	-
5878.72	Average	-	-	18.26	54.00	-35.74
5878.72	Peak	50.62	6.05	56.67	74.00	-17.33

Average Duty Cycle Factor=-38.41 (dB)

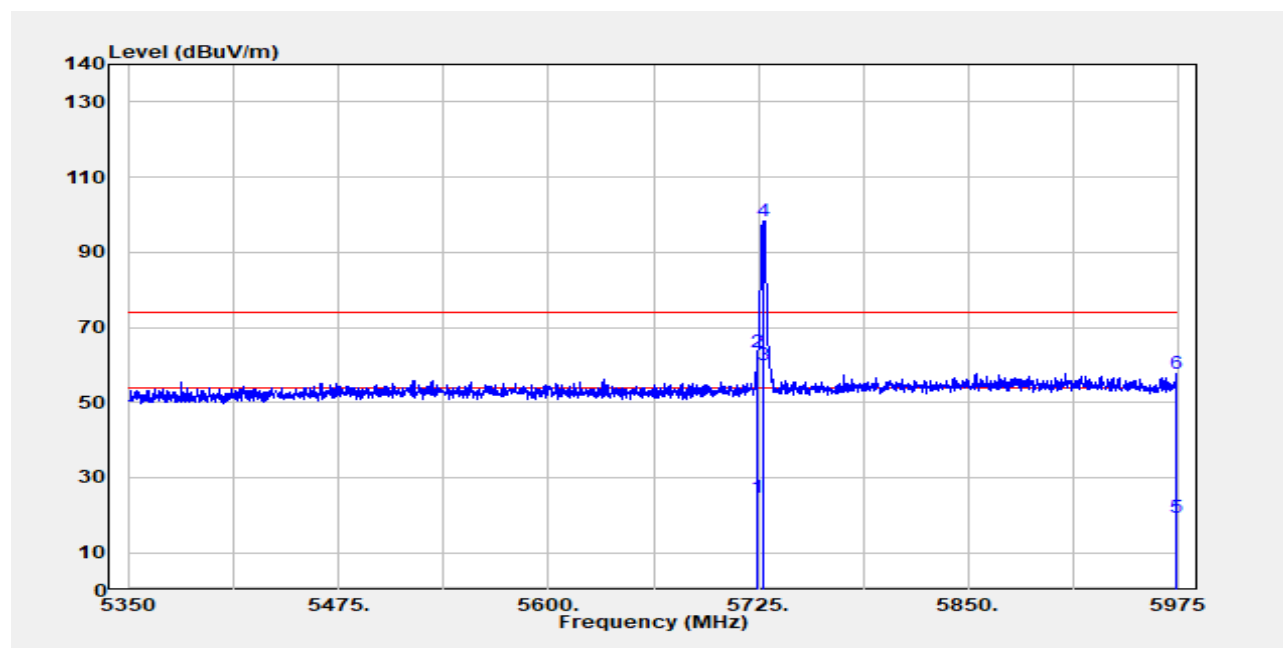
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5724.92	Average	-	-	24.79	54.00	-29.21
5724.92	Peak	58.82	4.38	63.20	74.00	-10.80
5728.46	Average	-	-	60.00	-	-
5728.46	Peak	93.99	4.42	98.41	-	-
5974.79	Average	-	-	19.22	54.00	-34.78
5974.79	Peak	51.95	5.68	57.63	74.00	-16.37

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

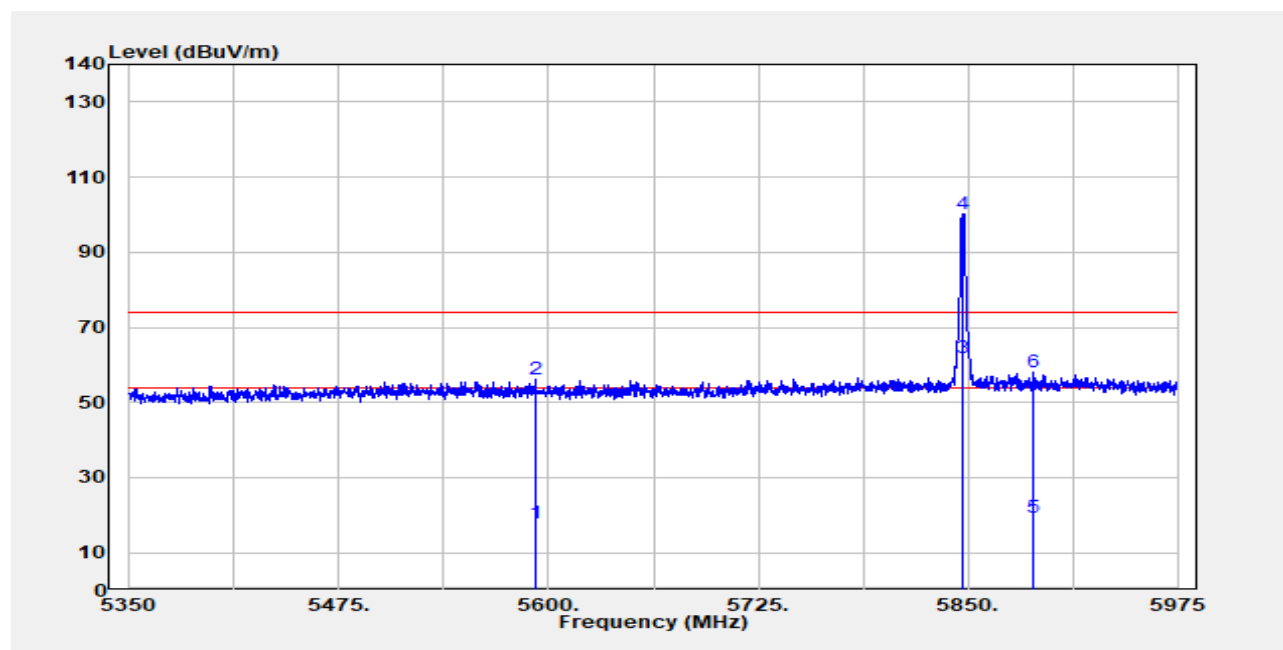
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C /64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5592.37	Average	-	-	17.91	54.00	-36.09
5592.37	Peak	52.39	3.93	56.32	74.00	-17.68
5847.46	Average	-	-	61.93	-	-
5847.46	Peak	94.71	5.63	100.34	-	-
5889.56	Average	-	-	19.47	54.00	-34.53
5889.56	Peak	51.68	6.20	57.88	74.00	-16.12

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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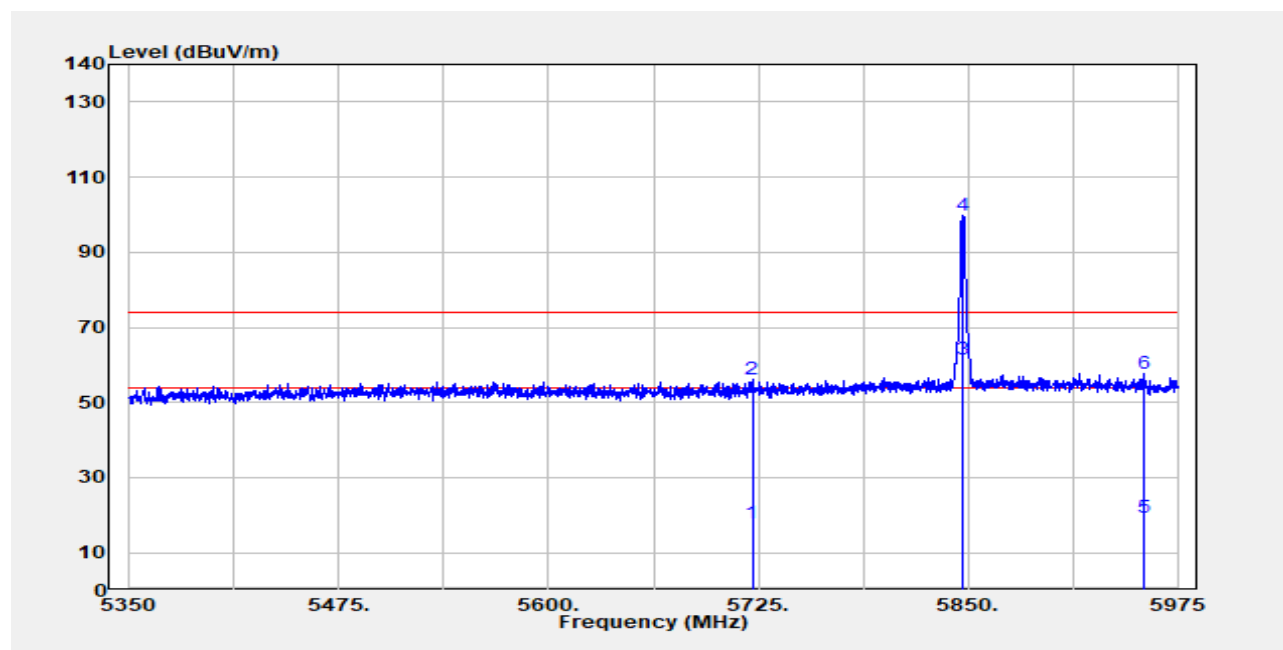
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :20.5°C/64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
5721.37	Average	-	-	17.89	54.00	-36.11
5721.37	Peak	51.96	4.34	56.30	74.00	-17.7
5847.46	Average	-	-	61.31	-	-
5847.46	Peak	94.09	5.63	99.72	-	-
5954.58	Average	-	-	19.36	54.00	-34.64
5954.58	Peak	51.90	5.87	57.77	74.00	-16.23

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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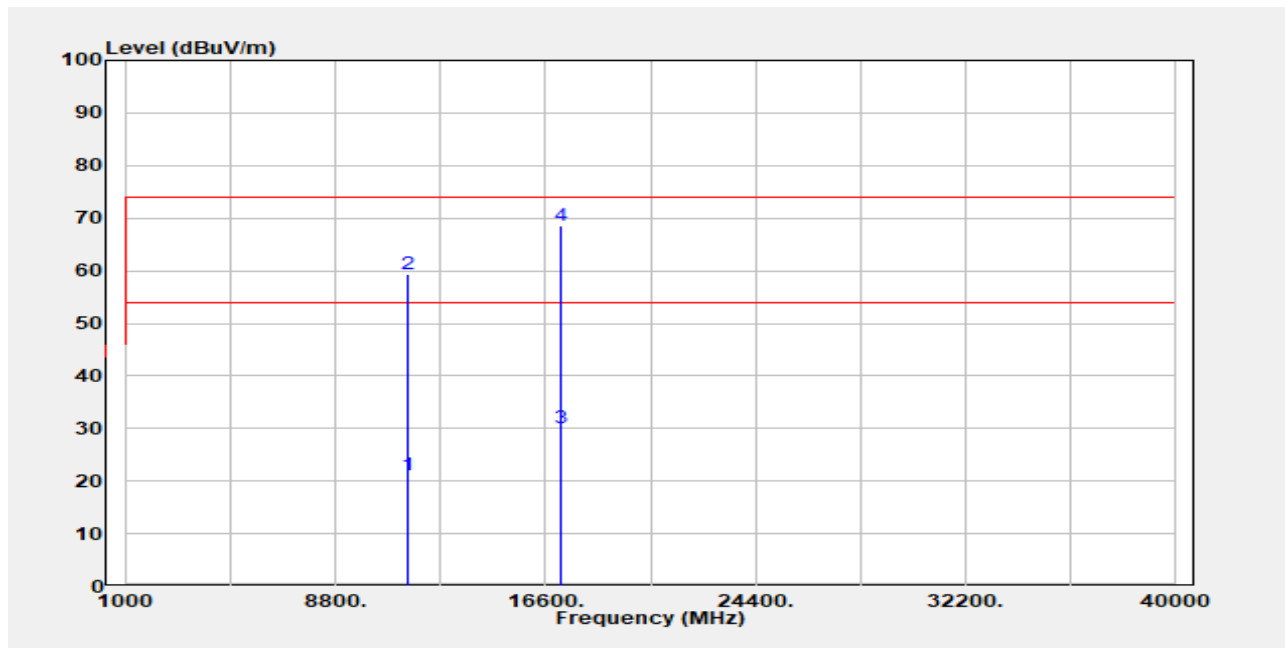
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7.2.4 Radiated Spurious Emission Measurement Result

External antenna

Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11456.00	Average	-	-	21.02	54.00	-32.98
11456.00	Peak	44.34	15.09	59.43	74.00	-14.57
17184.00	Average	-	-	30.02	54.00	-23.98
17184.00	Peak	48.68	19.75	68.43	74.00	-5.57

Average Duty Cycle Factor=-38.41 (dB)

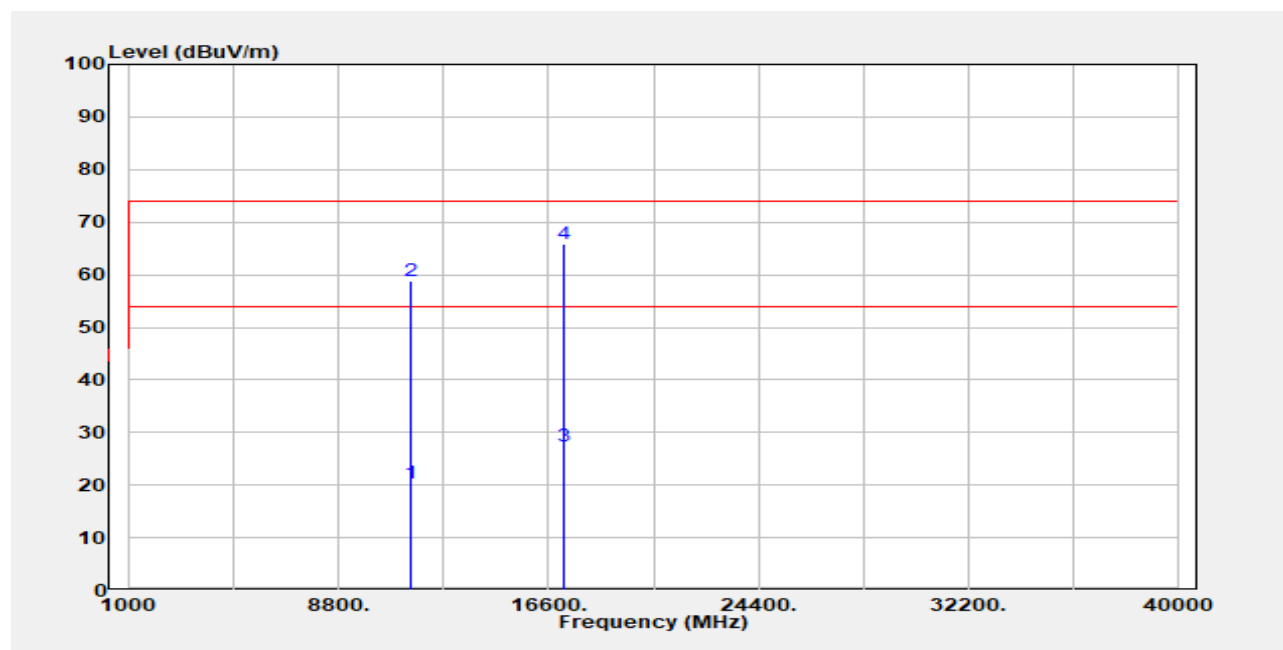
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11456.00	Average	-	-	20.44	54.00	-33.56
11456.00	Peak	43.76	15.09	58.85	74.00	-15.15
17184.00	Average	-	-	27.41	54.00	-26.59
17184.00	Peak	46.07	19.75	65.82	74.00	-8.18

Average Duty Cycle Factor=-38.41 (dB)

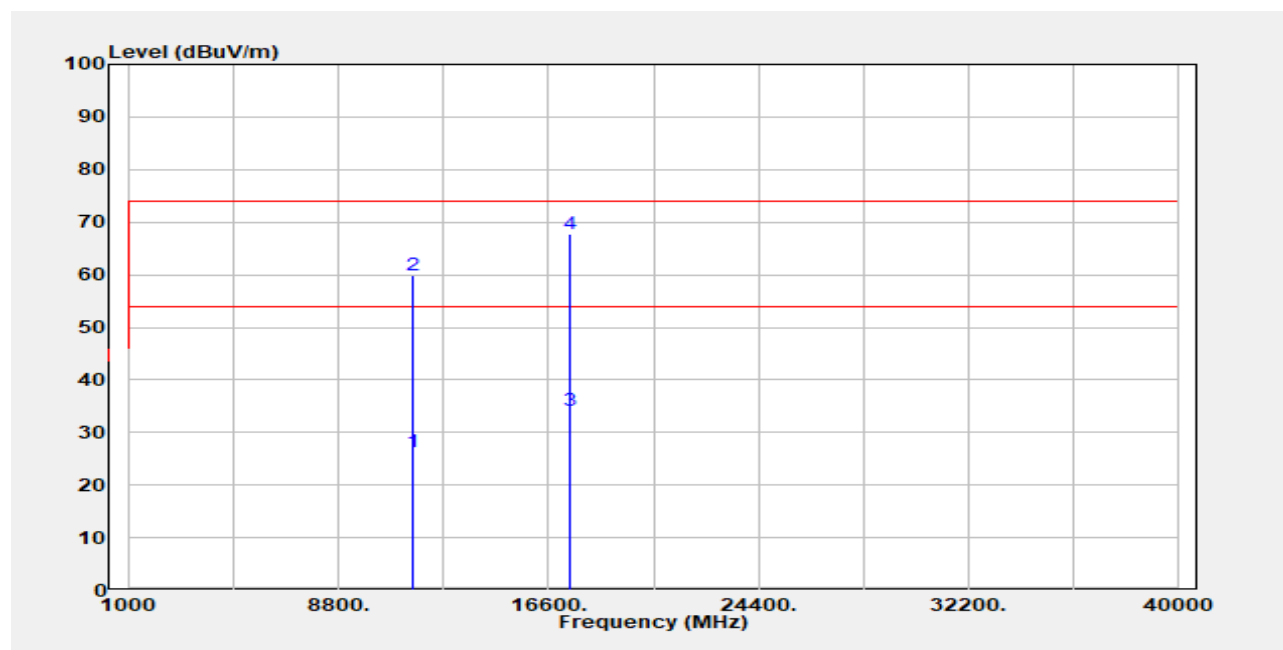
Average Level= Peak Level+ Duty Cycle Factor

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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5787 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11574.00	Average	-	-	21.40	54.00	-32.60
11574.00	Peak	44.09	15.72	59.81	74.00	-14.19
17361.00	Average	-	-	29.34	54.00	-24.66
17361.00	Peak	47.25	20.50	67.75	74.00	-6.25

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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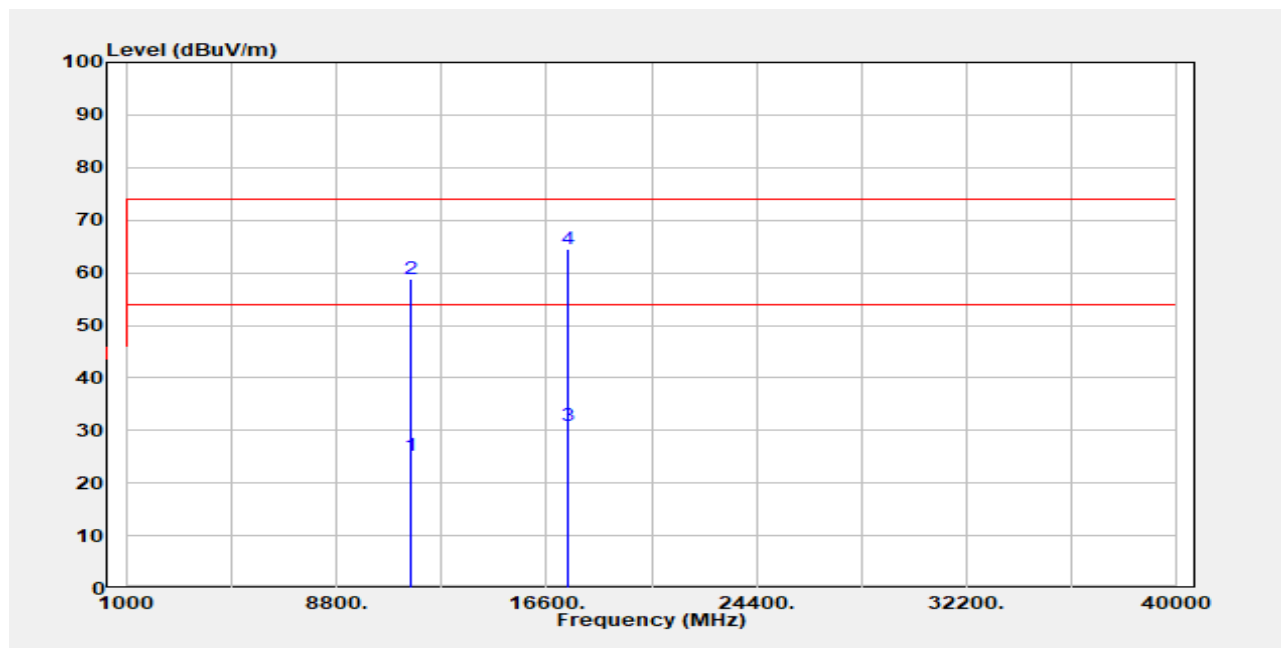
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5787 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11574.00	Average	-	-	20.29	54.00	-33.71
11574.00	Peak	42.98	15.72	58.70	74.00	-15.30
17361.00	Average	-	-	26.08	54.00	-27.92
17361.00	Peak	43.99	20.50	64.49	74.00	-9.51

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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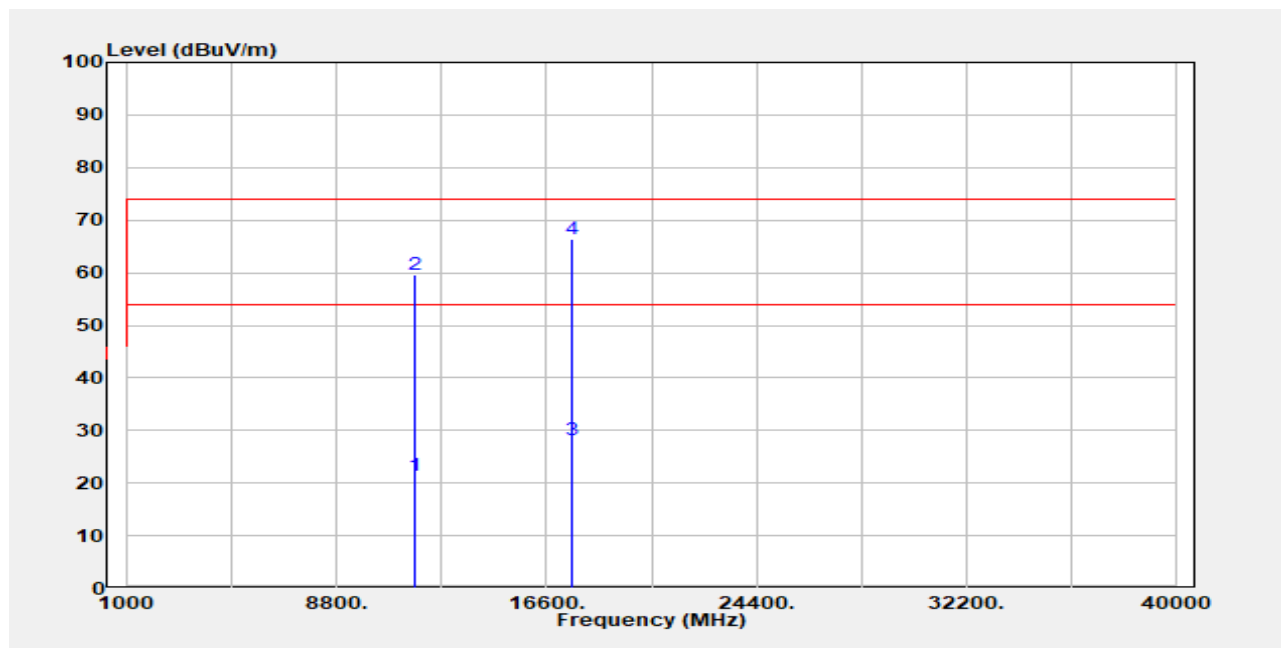
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11694.00	Average	-	-	21.35	54.00	-32.65
11694.00	Peak	44.79	14.97	59.76	74.00	-14.24
17541.00	Average	-	-	28.11	54.00	-25.89
17541.00	Peak	46.66	19.86	66.52	74.00	-7.48

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

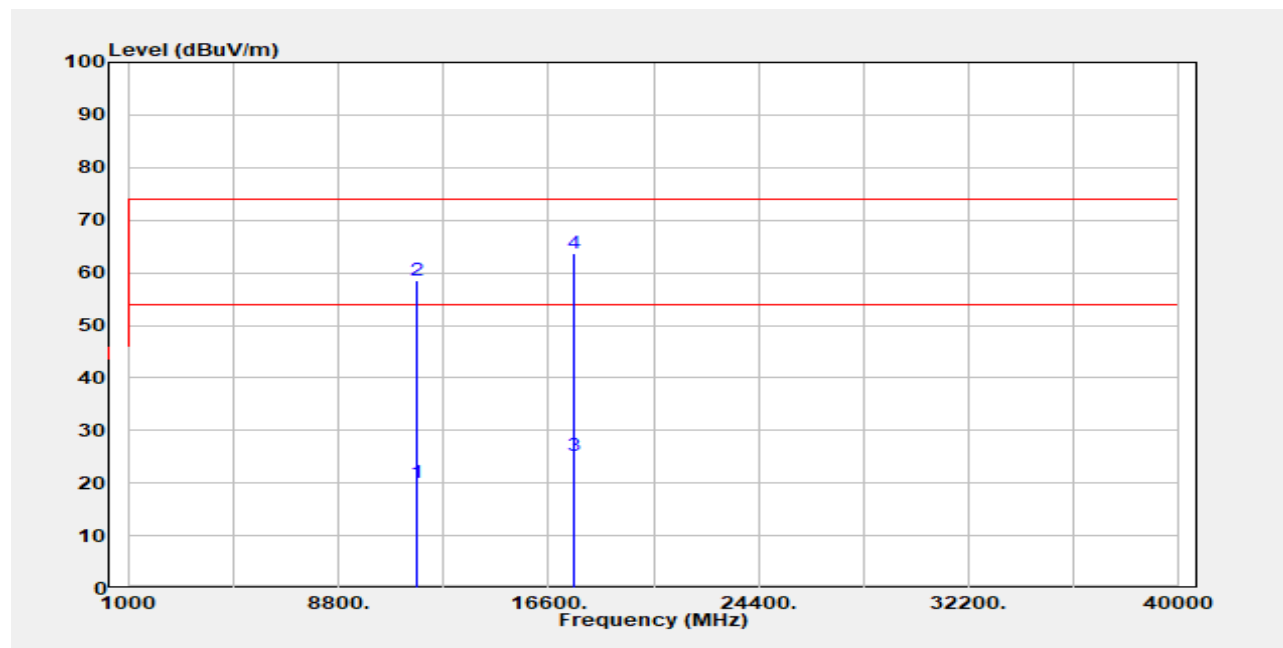
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11694.00	Average	-	-	20.18	54.00	-33.82
11694.00	Peak	43.62	14.97	58.59	74.00	-15.41
17541.00	Average	-	-	25.16	54.00	-28.84
17541.00	Peak	43.71	19.86	63.57	74.00	-10.43

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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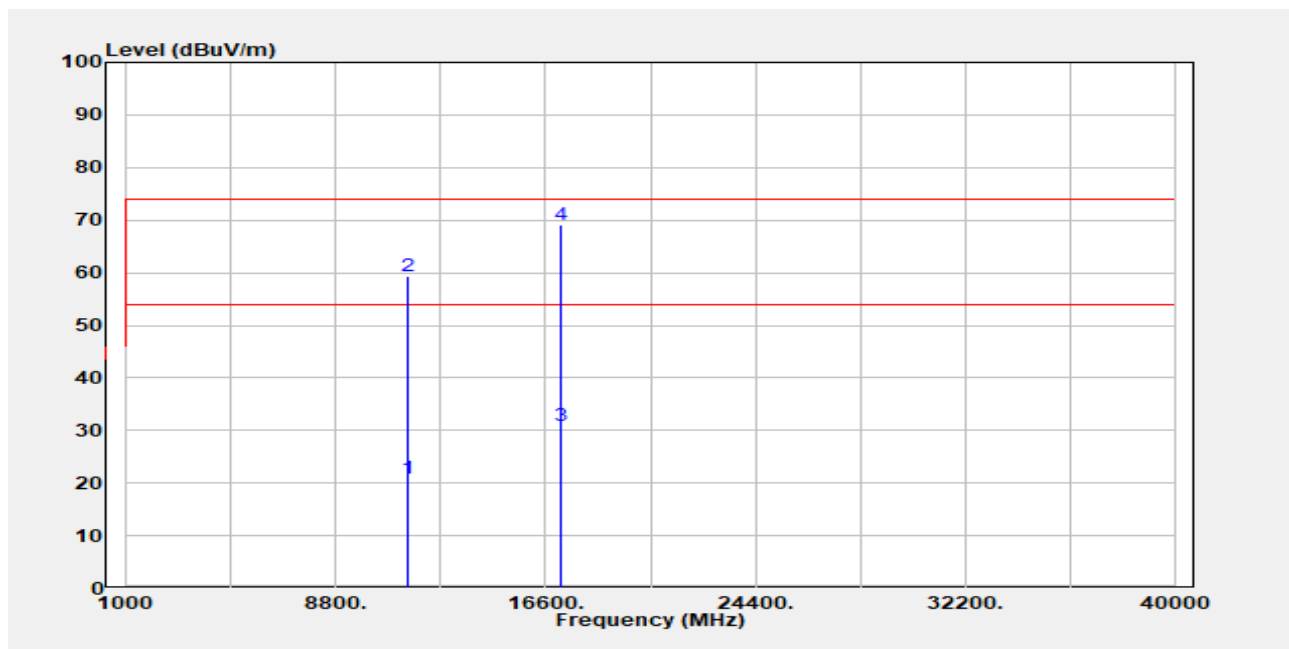
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Internal antenna

Report Number :TERF2504001410ER
Operation Mode :SRD
Test Frequency :5728 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-12
Temp./Humi. :24.1°C/53%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11456.00	Average	-	-	20.85	54.00	-33.15
11456.00	Peak	44.17	15.09	59.26	74.00	-14.74
17184.00	Average	-	-	30.80	54.00	-23.20
17184.00	Peak	49.46	19.75	69.21	74.00	-4.79

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

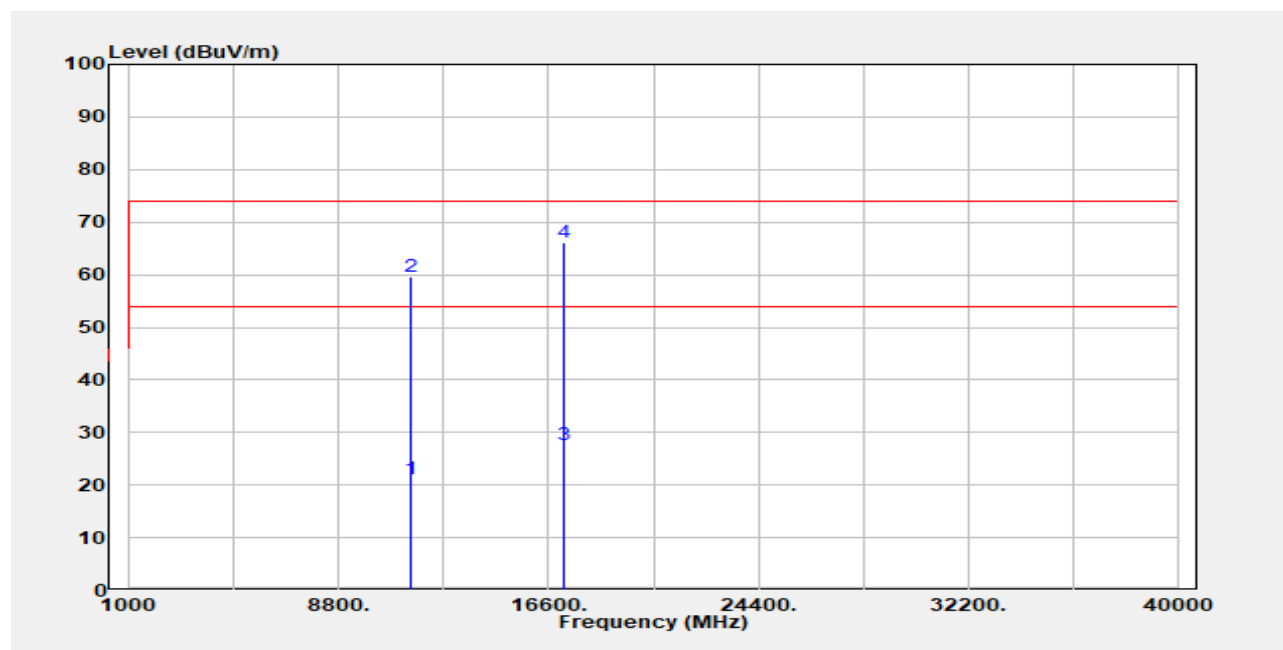
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5728 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11456.00	Average	-	-	21.25	54.00	-32.75
11456.00	Peak	44.57	15.09	59.66	74.00	-14.34
17184.00	Average	-	-	27.66	54.00	-26.34
17184.00	Peak	46.32	19.75	66.07	74.00	-7.93

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

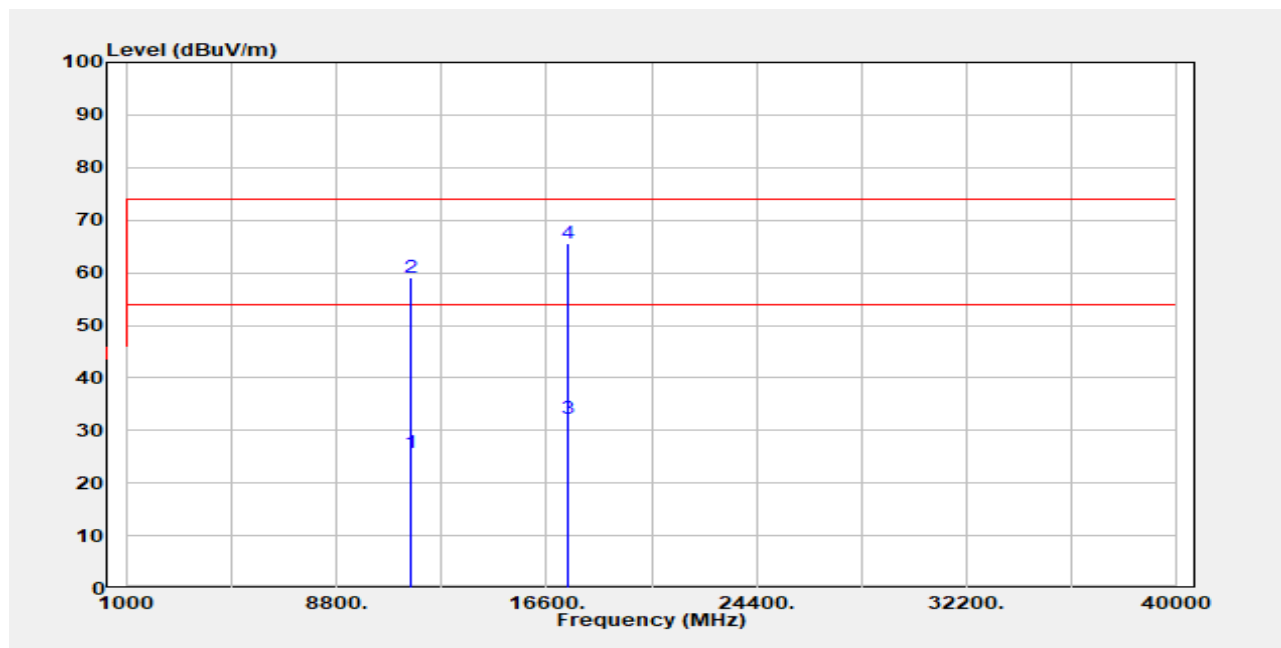
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5787 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11574.00	Average	-	-	20.77	54.00	-33.23
11574.00	Peak	43.46	15.72	59.18	74.00	-14.82
17361.00	Average	-	-	27.27	54.00	-26.73
17361.00	Peak	45.18	20.50	65.68	74.00	-8.32

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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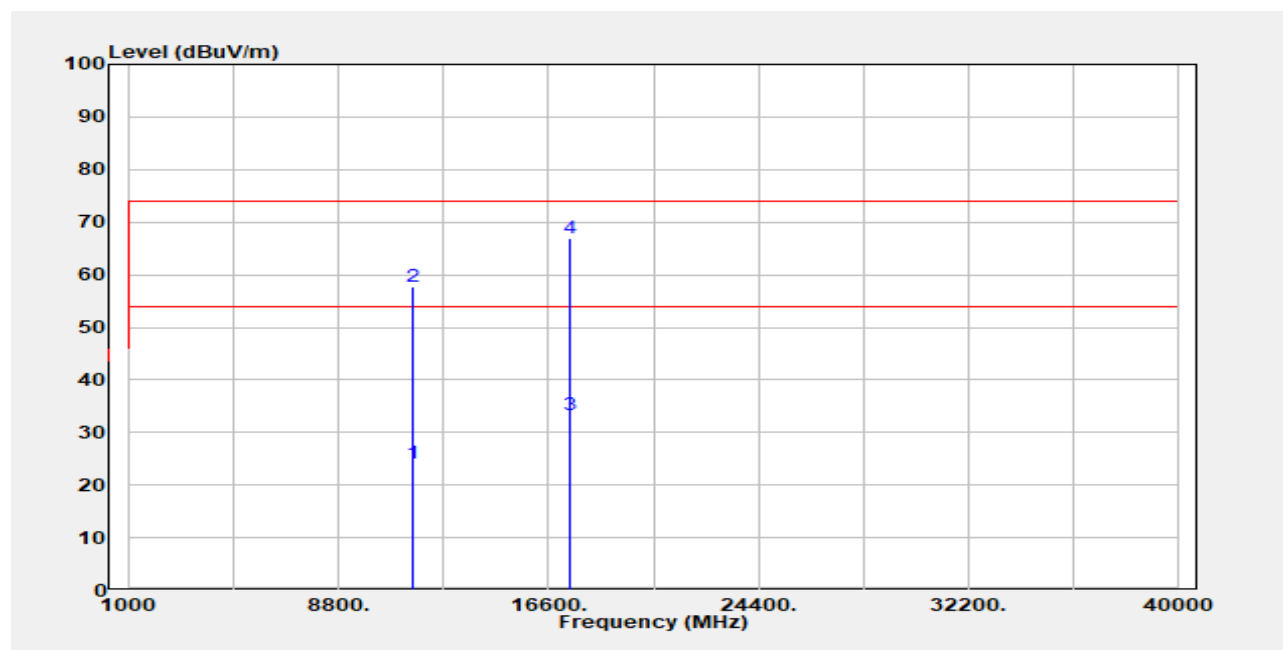
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Report Number :TERF2504001410ER
Operation Mode :SRD
Test Frequency :5787 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-12
Temp./Humi. :24.1°C/53%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11574.00	Average	-	-	19.27	54.00	-34.73
11574.00	Peak	41.96	15.72	57.68	74.00	-16.32
17361.00	Average	-	-	28.51	54.00	-25.49
17361.00	Peak	46.42	20.50	66.92	74.00	-7.08

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

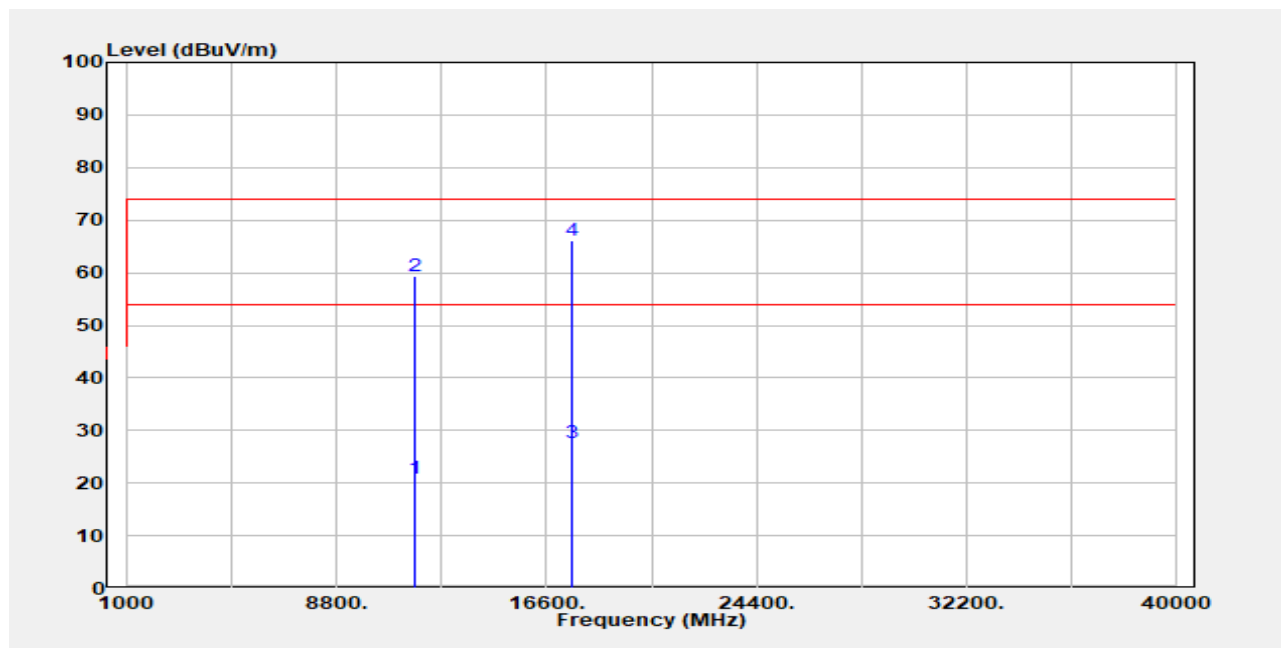
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11694.00	Average	-	-	20.98	54.00	-33.02
11694.00	Peak	44.42	14.97	59.39	74.00	-14.61
17541.00	Average	-	-	27.71	54.00	-26.29
17541.00	Peak	46.26	19.86	66.12	74.00	-7.88

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

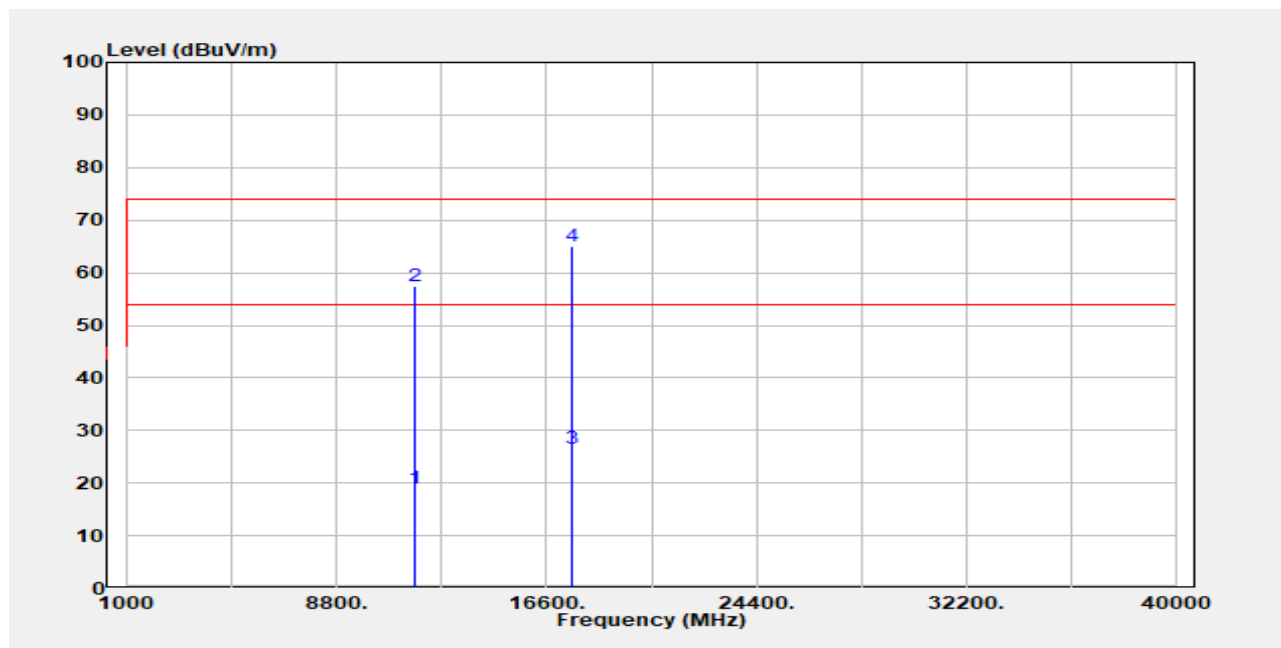
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Report Number :TERF2504001410ER
 Operation Mode :SRD
 Test Frequency :5847 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-12
 Temp./Humi. :24.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11694.00	Average	-	-	19.01	54.00	-34.99
11694.00	Peak	42.45	14.97	57.42	74.00	-16.58
17541.00	Average	-	-	26.65	54.00	-27.35
17541.00	Peak	45.20	19.86	65.06	74.00	-8.94

Average Duty Cycle Factor=-38.41 (dB)

Average Level= Peak Level+ Duty Cycle Factor

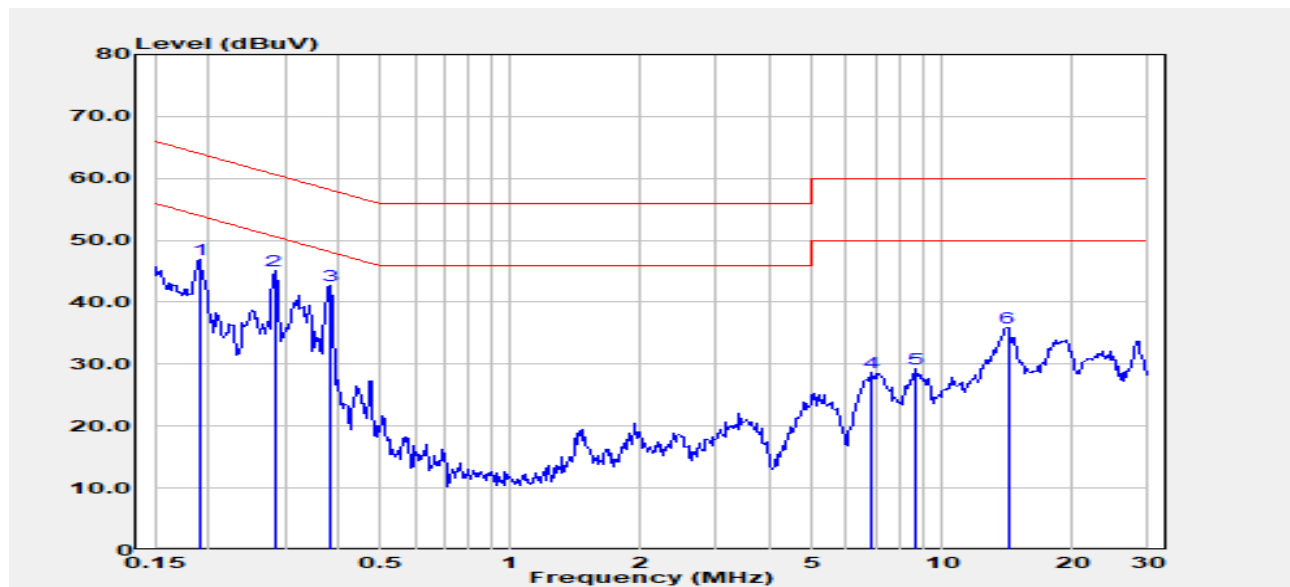
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7.3 AC Power Line Conducted Emission

Report Number	:TERF2511003931E2	Test Site	:Conduction C
Test Mode	:SRD 5G	Test Date	:2025-11-26
Power	:120V/60Hz	Temp./Humi.	:23.8°C/47%
Probe	:L1	Engineer	:Alex Li

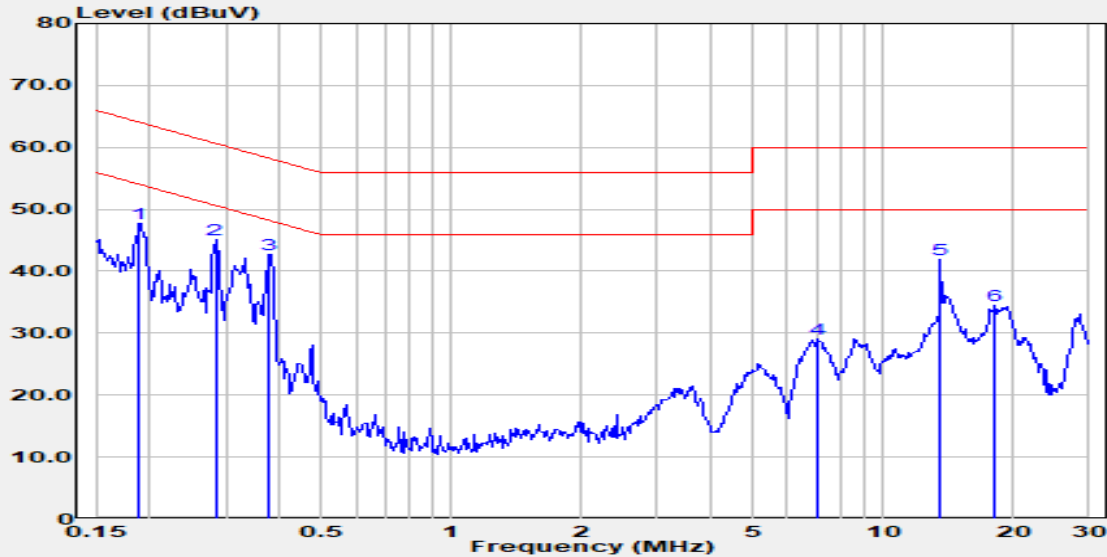


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV	Limit dBμV	Margin dB
0.190	Peak	36.23	10.65	46.88	64.03	-17.14
0.284	Peak	34.57	10.64	45.20	60.71	-15.51
0.382	Peak	32.05	10.62	42.67	58.24	-15.57
6.847	Peak	17.72	10.96	28.67	60.00	-31.33
8.684	Peak	18.26	10.96	29.22	60.00	-30.78
14.211	Peak	24.85	11.06	35.91	60.00	-24.09

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Report Number :TERF2511003931E2 Test Site :Conduction C
Test Mode :SRD 5G Test Date :2025-11-26
Power :120V/60Hz Temp./Humi. :23.8°C/47%
Probe :N Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV	Limit dBμV	Margin dB
0.189	Peak	37.15	10.65	47.80	64.10	-16.30
0.284	Peak	34.41	10.63	45.04	60.71	-15.67
0.378	Peak	32.19	10.62	42.80	58.31	-15.51
7.023	Peak	18.06	10.94	29.00	60.00	-31.00
13.620	Peak	30.91	11.04	41.96	60.00	-18.04
18.178	Peak	23.39	11.13	34.52	60.00	-25.48

~ End of Report ~

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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