

TEST REPORT

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Report Number: 2504X06145E-RF-00D
FCC ID: 2AGNTMDE600958A

Test Standard (s)

FCC PART 15.407

Sample Description

Product Name: EVO III 4T Pro
EVO III 4N Pro
EVO III 3M Pro
EVO III 4F Pro
Model No.: MDE-L, MDE
Trade Mark: AUTEL ROBOTICS
Date Received: 2025-09-30
Report Date: 2025-11-23

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504X06145E-RF-00D	Original Report	2025-11-23

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	EVO III 4T Pro EVO III 4N Pro EVO III 3M Pro EVO III 4F Pro
Tested Model	MDE-L
Multiple Model	MDE
Model Difference [#]	MDE-L has a certified LTE module and MDE doesn't. Please refer to DOS letter for more detail. The applicant provided model "MDE-L" for testing.
Voltage Range [#]	DC 14.4V from battery

Note1[#]: The device can install difference Gimbal cameras: Gimbal camera 1 (Fusion 4T Pro), Gimbal camera 2(Fusion 4F Pro), Gimbal camera 3(Fusion 3M Pro), Gimbal camera 4(Fusion 4N Pro).

Product name	EVO III 4T Pro	EVO III 4F Pro	EVO III 3M Pro	EVO III 4N Pro
Gimbal camera name	Fusion 4T Pro	Fusion 4F Pro	Fusion 3M Pro	Fusion 4N Pro
Gimbal camera model	MDES1	MDES2	MDEP1	MDEN1

Note 2: Per 15B report, test with Gimbal camera 1[#](Fusion 4T Pro) was the worst, so test was only performed with Gimbal camera 1[#](Fusion 4T Pro) this report.

The device has two image transmission chips: Chip 0(CP0) and Chip 1(CP1).

CP0 supports 2.4G SRD/5G SRD, corresponding to ANT3&ANT4.

CP1 supports 900M/2.4G SRD/5G SRD, corresponding to ANT5&ANT6.

When the device is working, only one image transmission chip is active.

Frequency Range	5.2G SRD 1.4M: 5154-5246MHz 5.2G SRD 3M: 5155-5245MHz 5.2G SRD 5M: 5156-5244MHz 5.2G SRD 10M: 5157-5243MHz 5.2G SRD 20M: 5167-5233MHz 5.8G SRD 1.4M: 5728-5847MHz 5.8G SRD 3M: 5729-5846MHz 5.8G SRD 5M: 5730-5846MHz 5.8G SRD 10M: 5733-5842MHz 5.8G SRD 20M: 5738-5839MHz
Maximum Conducted Output Average Power [#]	5.2G SRD: 19.33dBm, 5.8G SRD: 24.89dBm (Note: It is quoted from Report No.: 2504X04187E-RF-00E [#] .)
Modulation Technique	OFDM(QPSK&16QAM)
Antenna Specification [#]	PCB Antenna (The antenna gain is provided by the applicant.) 5.2G SRD: ANT3: 1.6dBi, ANT4: 1.6dBi, ANT5: 0.7dBi, ANT6: 2.7dBi 5.8G SRD: ANT3: 1.7dBi, ANT4: 1.7dBi, ANT5: 2.6dBi, ANT6: 4.6dBi
Sample Serial Number	3B29-2 (For RF Conducted Test) 3B29-1 (For Radiated Spurious Emissions Above 1G Test) 3BWK-1 (For Radiated Spurious Emissions Below 1G Test) (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition

Objective

This type approval report is in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commissions rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, section 15.203, 15.205, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. And KDB789033D02 General U-NII Test Procedures New Rules v02r01.

Unless otherwise stated there are no any additions to, deviations, or exclusions from the method.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

Measurement Uncertainty

Parameter		Uncertainty
RF Frequency		0.064*10 ⁻⁷
RF output power, conducted		0.3 dB
Emissions, Radiated	9kHz - 30MHz	2.1 dB
	30MHz - 1GHz	4.3 dB
	1GHz - 18GHz	4.9 dB
	18GHz - 26.5GHz	5.2 dB
	26.5GHz - 40GHz	4.6 dB
Temperature		1 °C
Humidity		7 %
Supply voltages		0.4 %

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in a typical fashion (as normally used by a typical user).

5.2G SRD 1.4M: 93 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5154	24	5177	47	5200	70	5223
2	5155	25	5178	48	5201	71	5224
...	...	...	...	...	...	...	...
22	5175	45	5198	68	5221	92	5245
23	5176	46	5199	69	5222	93	5246

EUT was tested with Channel 1, 48 and 93.

5.2G SRD 3M: 91 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5155	24	5178	47	5201	70	5224
2	5156	25	5179	48	5202	71	5225
...	...	...	...	...	...	...	...
22	5176	45	5199	68	5222	90	5244
23	5177	46	5200	69	5223	91	5245

EUT was tested with Channel 1, 47 and 91.

5.2G SRD 5M: 89 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5156	24	5179	47	5202	70	5225
2	5157	25	5180	48	5203	71	5226
...	...	...	...	...	...	...	...
22	5177	45	5200	68	5223	88	5243
23	5178	46	5201	69	5224	89	5244

EUT was tested with Channel 1, 46 and 89.

5.2G SRD 10M: 87 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5157	24	5180	47	5203	70	5226
2	5158	25	5181	48	5204	71	5227
3	5159	26	5182	49	5205	72	5228
...	...	...	...	...	...	...	...
22	5178	45	5201	68	5224	86	5242
23	5179	46	5202	69	5225	87	5243

EUT was tested with Channel 1, 3, 45 and 87.

5.2G SRD 20M: 67 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5167	17	5183	33	5199	49	5215
2	5168	18	5184	34	5200	50	5216
...	...	...	...	...	...	...	...
15	5181	31	5197	47	5213	66	5232
16	5182	32	5198	48	5214	67	5233

EUT was tested with Channel 1, 34 and 67.

5.8G SRD 1.4M: 120 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5728	31	5758	61	5788	91	5818
2	5729	32	5759	62	5789	92	5819
...	...	...	...	...	...	...	...
29	5756	59	5786	89	5816	119	5846
30	5757	60	5787	90	5817	120	5847

EUT was tested with Channel 1, 62 and 120.

5.8G SRD 3M: 118 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5729	31	5759	61	5789	91	5819
2	5730	32	5760	62	5790	92	5820
...	...	...	...	...	...	...	...
29	5757	59	5787	89	5817	117	5845
30	5758	60	5788	90	5818	118	5846

EUT was tested with Channel 1, 61 and 118.

5.8G SRD 5M: 116 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5730	31	5760	61	5790	91	5820
2	5731	32	5761	62	5791	92	5821
...	...	...	...	...	...	...	...
29	5758	59	5788	89	5818	115	5844
30	5759	60	5789	90	5819	116	5845

EUT was tested with Channel 1, 60 and 116.

5.8G SRD 10M: 110 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5733	31	5763	61	5793	91	5823
2	5734	32	5764	62	5794	92	5824
...	...	...	...	...	...	...	...
29	5761	59	5791	89	5821	109	5841
30	5762	60	5792	90	5822	110	5842

EUT was tested with Channel 1, 57 and 110.

5.8G SRD 20M: 102 channels are provided to testing:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	5738	31	5768	61	5798	91	5828
2	5739	32	5769	62	5799	92	5829
...	...	...	...	...	...	...	...
29	5766	59	5796	89	5826	101	5838
30	5767	60	5797	90	5827	102	5839

EUT was tested with Channel 1, 53 and 102

EUT Exercise Software and Power Level #

Exercise Software:		RRTL6.2.0_VCOM				
Mode		Data Rate	Power Level			
			Low Channel		Middle Channel	High Channel
5.2G SRD QPSK(CP0)	1.4M	120kbps	47		47	47
	3M	120kbps	43		43	43
	5M	11Mbps	45		41	41
	10M	19Mbps	72	45	41	41
	20M	38Mbps	45		41	41
5.2G SRD QPSK(CP1)	1.4M	120kbps	47		47	47
	3M	120kbps	43		43	43
	5M	11Mbps	45		42	42
	10M	19Mbps	72	45	42	42
	20M	38Mbps	45		42	42
5.8G SRD QPSK(CP0)	1.4M	120kbps	23		23	23
	3M	120kbps	23		23	23
	5M	11Mbps	23		23	23
	10M	19Mbps	23		23	23
	20M	38Mbps	23		23	23
5.8G SRD QPSK(CP1)	1.4M	120kbps	24		24	24
	3M	120kbps	24		24	24
	5M	11Mbps	24		24	24
	10M	19Mbps	24		24	24
	20M	38Mbps	24		24	24

Note 1: The information in the above table is provided by the applicant.
Note 2: The worse-case data rates are determined to be as above for each mode based upon investigations by measuring the output power and PSD across all data rates, bandwidths and modulations.
Note 3: The device supports SISO and 2TX MIMO in all modes, per pretest, 2TX mode was the worst mode.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

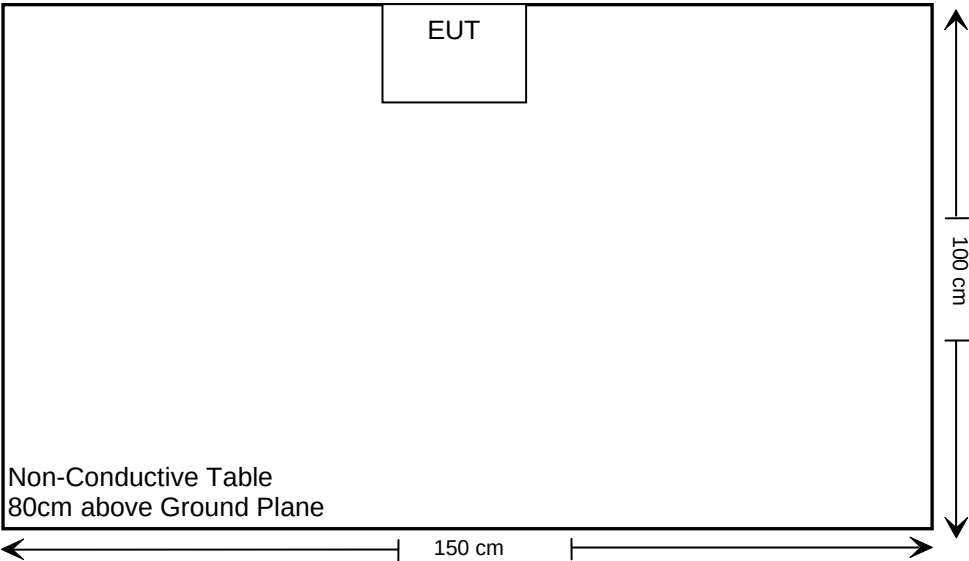
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

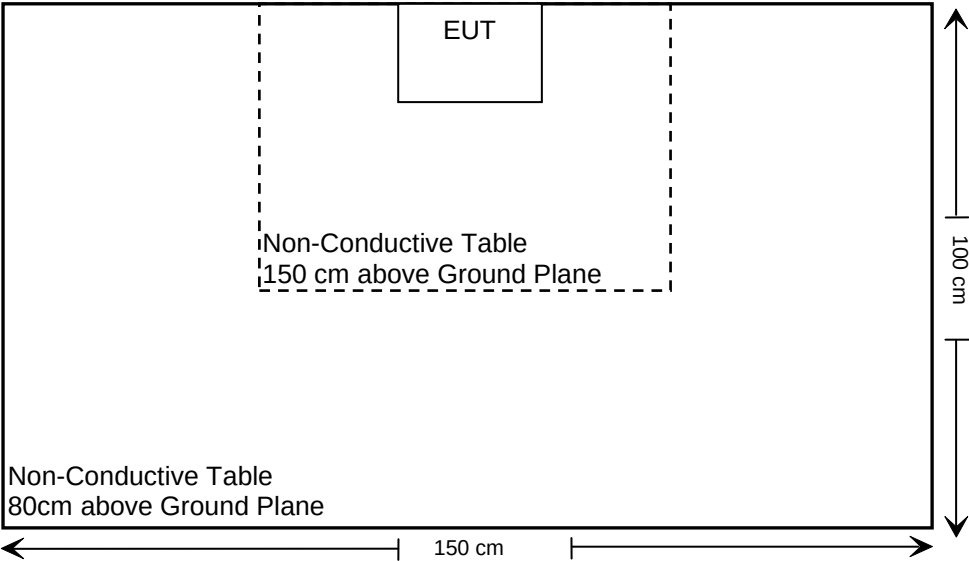
Cable Description	Shielding Type	Length (m)	From Port	To
/	/	/	/	/

Block Diagram of Test Setup

For Radiated Emission(Below 1GHz):



For Radiated Emission(Above 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.407(b)(9) & §15.207(a)	Conducted Emissions	Not Applicable
§15.205 & §15.209 & §15.407(b)	Undesirable Emission & Restricted Bands	Compliance
§15.407(a),(e)	Bandwidth	See Note
§15.407(a)	Conducted Transmitter Output Power	See Note
§15.407(a)	Power Spectral Density	See Note

Not Applicable: The device was powered by battery when operating.

Note[#]: The applicant claims that the radio frequency section of this device is identical to that of certified device(MDED-L, FCC ID: 2AGNTMDED600958A). The RF parameters are identical with the certified device’s report, therefore, the RF conducted test items please refer to the Report No.: 2504X04187E-RF-00E.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Spurious Emission Test(Below 1GHz)					
Rohde & Schwarz	Test Receiver	ESR	102725	2025/09/18	2026/09/17
SONOMA INSTRUMENT	Amplifier	310N	186131	2025/03/26	2026/03/25
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07
Unknown	RF Coaxial Cable	No.12	N040	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.13	N300	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.14	N800	2025/05/30	2026/05/29
BACL	LOOP ANTENNA	1313-1A	3110711	2024/01/16	2027/01/15
Test Software: e3 191218 (V9)					
Radiated Spurious Emission Test(Above 1GHz)					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101949	2025/09/17	2026/09/16
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2025/09/18	2026/09/17
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2025/09/18	2026/09/17
COM-MW	Band Reject Filter	K6	01252003	2025/10/13	2026/10/12
A.H. Systems, inc.	Preamplifier	PAM-0118	226	2025/03/20	2026/03/19
Schwarzbeck	Horn Antenna	BBHA9120D	837	2023/02/22	2026/02/21
Unknown	RF Coaxial Cable	No.10	N050	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.11	N1000	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.19	N500	2025/05/30	2026/05/29
Schwarzbeck	HORN ANTENNA	BBHA9170	9170-359	2023/12/12	2026/12/11
BACL	Amplifier	BACL-1313-A1840	4012521	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.15	N600	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.16	N650	2025/05/30	2026/05/29
Test Software: e3 191218 (V9)					
RF Conducted Test					
Anritsu	Microwave Peak Power Sensor	MA24418A	12619	2025/03/26	2026/03/25
Agilent	10dB Attenuator	8491B	A5825	2025/09/18	2026/09/17
Test Software: JDAutoTestSystem V1.0.0					

*** Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 15.203, 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 user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- Antenna must be permanently attached to the unit.
- Antenna must use a unique type of connector to attach to the EUT.
- Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.407 (a), if the transmitting antennas of directional gain greater than 6dBi are used, the transmit power and power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction[#]

The EUT has two groups of antenna arrangements for 5G SRD. Each group of antennas has two antennas, but only one group is active at a time. Each antenna was permanently attached to the EUT, fulfill the requirement of this section. Please refer to the EUT photos.

Frequency Range	Antenna	Gain
5150-5250MHz	ANT3	1.6dBi
	ANT4	1.6dBi
	ANT5	0.7dBi
	ANT6	2.1dBi
5725-5850MHz	ANT3	1.7dBi
	ANT4	1.7dBi
	ANT5	2.6dBi
	ANT6	4.6dBi

Result: Compliance.

UNDESIRABLE EMISSION & RESTRICTED BANDS

Applicable Standard

FCC §15.407 (b); §15.209; §15.205;

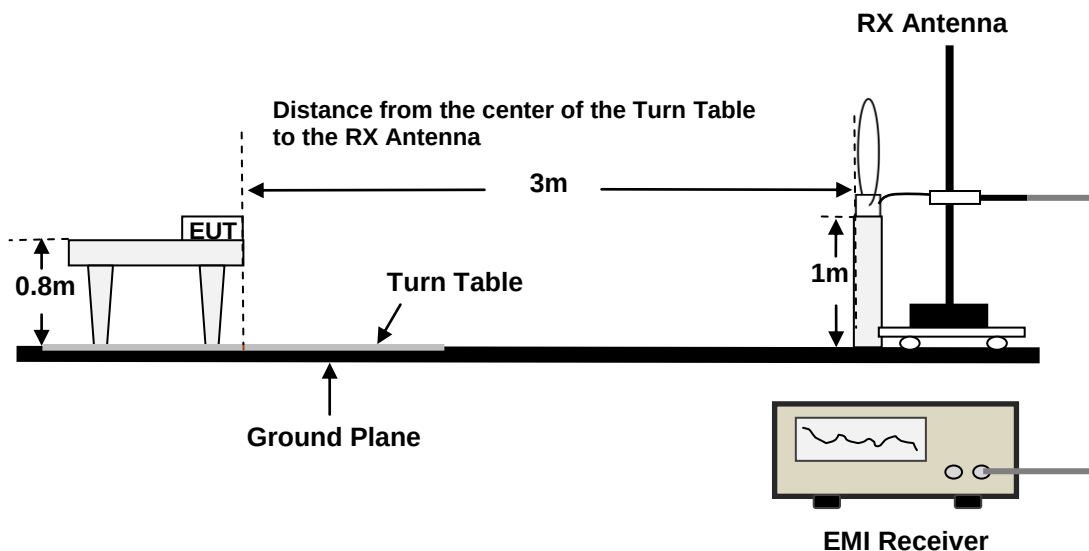
(b) Undesirable emission limits. Except as shown in paragraph (b) (7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

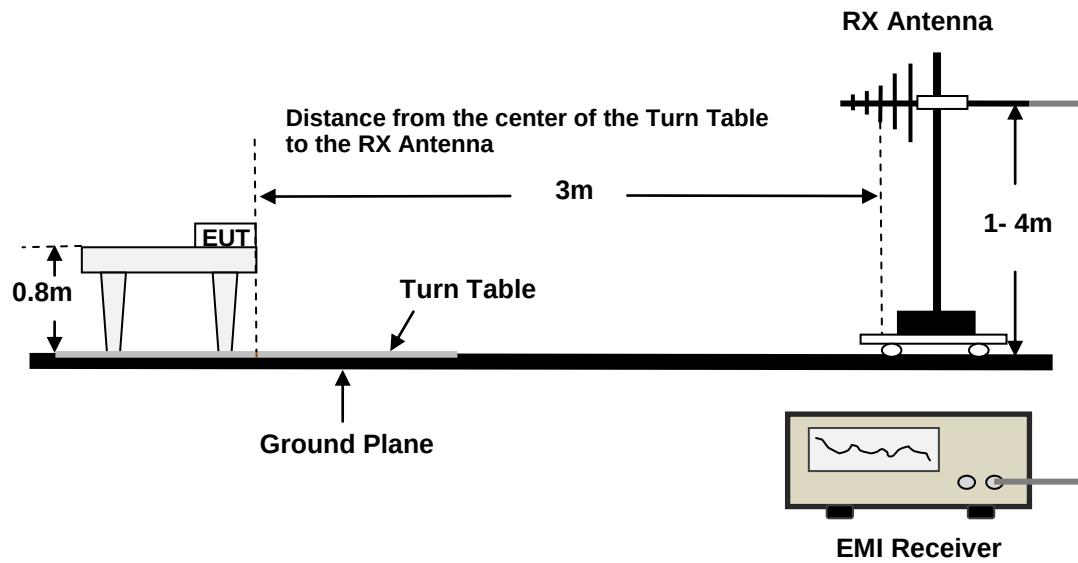
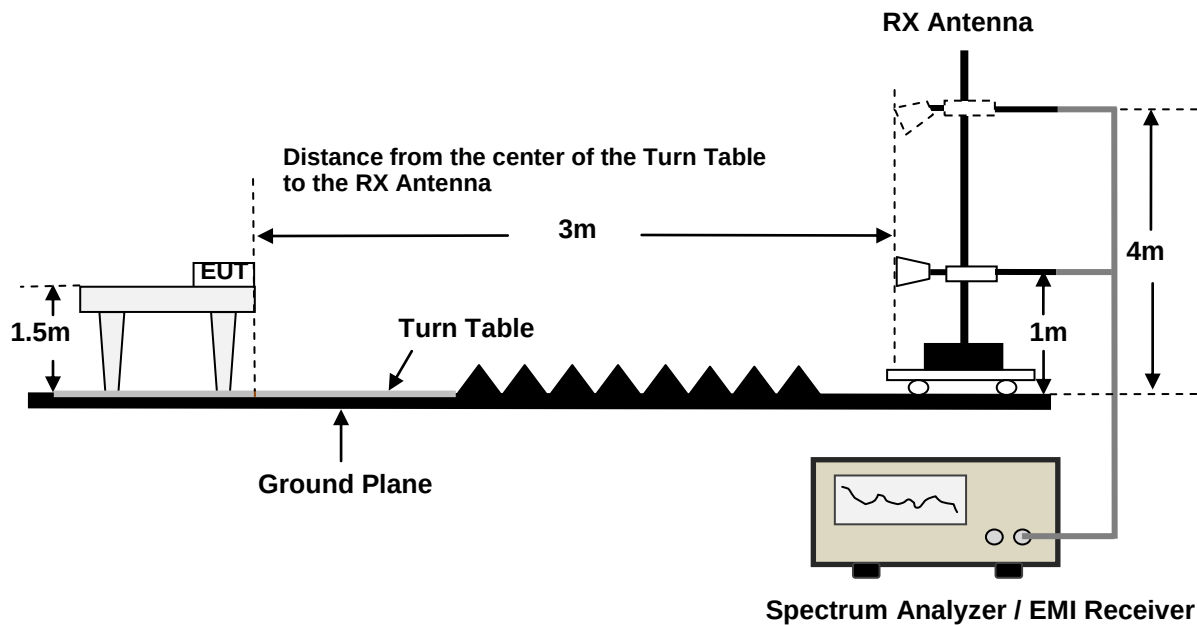
- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band:
 - (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

9kHz - 30MHz:



30MHz - 1GHz:**Above 1GHz:**

The radiated emission performed in the 3 meters, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, FCC 15.407 limits.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9kHz to 40GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9kHz - 1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W	Detector
9kHz - 150kHz	PK	0.3kHz	1kHz	/	PK
	QP/AV	/	/	200Hz	QP/AV
150kHz - 30MHz	PK	10kHz	30kHz	/	PK
	QP/AV	/	/	9kHz	QP/AV
30MHz - 1000MHz	PK	100kHz	300kHz	/	PK
	QP	/	/	120kHz	QP

1GHz -40GHz:

Pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	Peak	Any	1MHz	3MHz
Ave.	Peak	>98%	1MHz	5kHz
		<98%	1MHz	≥1/T, no less than 5 kHz

Final measurement for emission identified during the pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	Peak	Any	1MHz	3MHz
Ave.	Peak	>98%	1MHz	10Hz
		<98%	1MHz	≥1/T

Note 1: T is minimum transmission duration

Note 2: The 1GHz-6.6GHz testing use the notch filter and the 6.6GHz-18GHz testing use high-pass filter.

Note 3: The band edge testing use 10dB attenuator.

Note 4: The filters and attenuators are all integrated within the filter switch unit.

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

According to ANSI C63.10-2020, 9.2: For field strength measurements made at other than the distance specified by the limit, extrapolate the measured field strength to the field strength at the distance specified by the limit using an inverse distance correction factor (20 dB/decade of distance).

$$E_{SpecLimit} = E_{Meas} + 20 \log \left(\frac{D_{Meas}}{D_{SpecLimit}} \right)$$

where

$E_{SpecLimit}$	is the field strength of the emission at the distance specified by the limit, in dBuV/m
E_{Meas}	is the field strength of the emission at the measurement distance, in dBuV/m
D_{Meas}	is the measurement distance, in m
$D_{SpecLimit}$	is the distance specified by the limit, in m

Note 1: If the maximized peak measured value is under the QP/Average limit by more than 6dB, then it is unnecessary to perform an QP/Average measurement.

Note 2: For above 1GHz, the test result of peak was 20dB below to the limit of peak, which can be compliant to the average limit, so just peak value was recorded.

Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Over Limit/Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

$$\begin{aligned}\text{Over Limit/Margin} &= \text{Level} / \text{Corrected Amplitude} - \text{Limit} \\ \text{Level} / \text{Corrected Amplitude} &= \text{Read Level} + \text{Factor}\end{aligned}$$

Test Data

For Radiated Spurious Emissions, after pre-scan testing in the X, Y and Z axes of orientation, the worst case as setup photos was recorded.

9kHz-1GHz

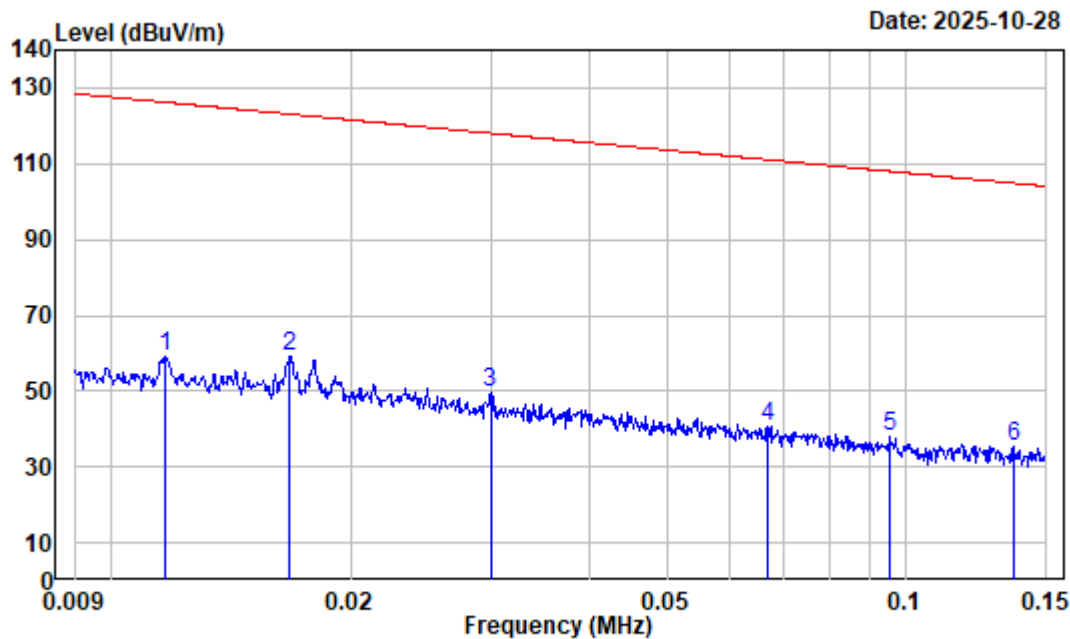
Environmental Conditions

Temperature:	25.5 to 25.8 °C
Relative Humidity:	56 to 57 %
ATM Pressure:	100.7 to 101.1 kPa
Test Engineer:	Colin Lin
Test Date:	2025-10-28 to 2025-11-05
EUT Operation Mode:	5.8G SRD Transmitting

Test Result: Compliance, please refer to the below data.

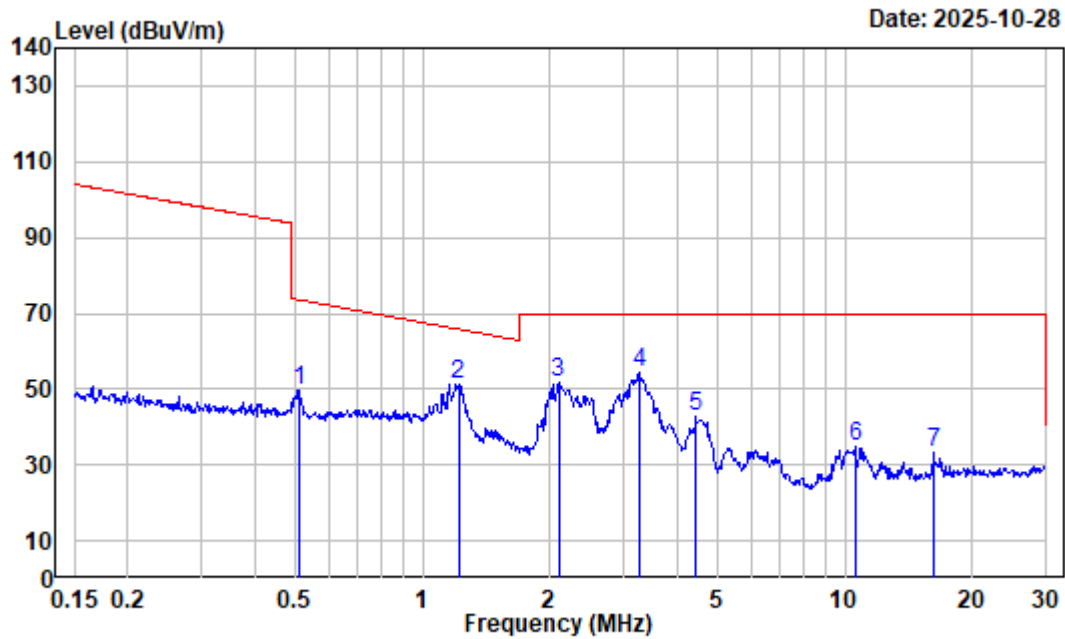
Note: The maximum output power mode and channel: 5.8G SRD MIMO 3M Low Channel was tested.

9kHz~30MHz:



Site : Chamber
Condition : 3m
Job No. : 2504X06145E-RF
Polarization : Parallel Tester: Colin Lin
Test Mode : 5.8GHz SRD Transmitting
Receiver Setting: RBW:300Hz VBW:1kHz

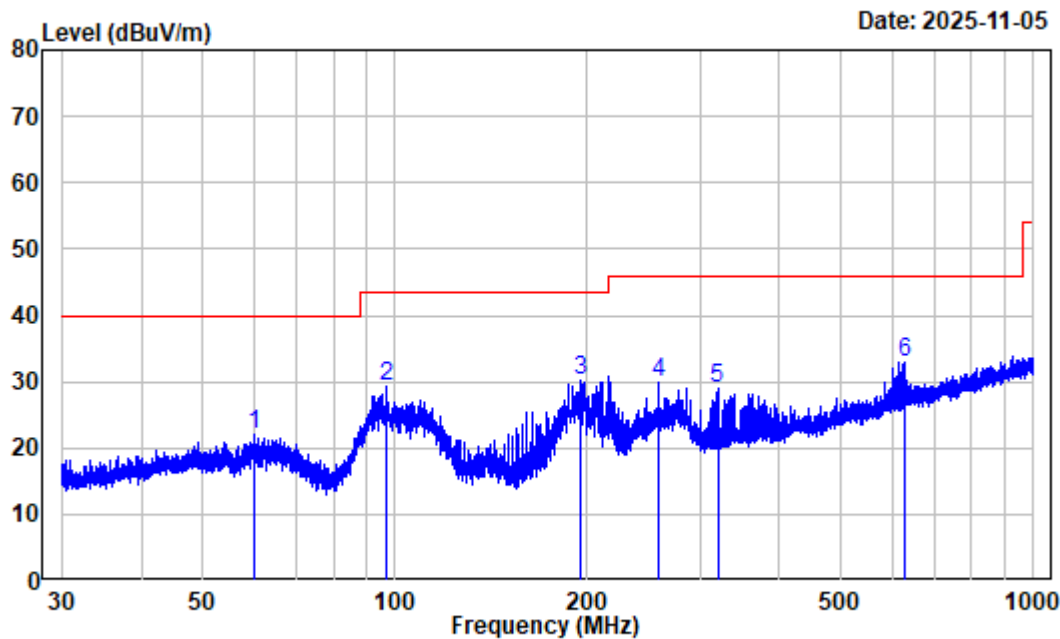
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.012	35.06	24.29	59.35	126.22	-66.87	Peak
2	0.017	32.83	26.23	59.06	123.12	-64.06	Peak
3	0.030	26.95	22.74	49.69	118.06	-68.37	Peak
4	0.067	20.40	20.40	40.80	111.10	-70.30	Peak
5	0.095	16.96	21.20	38.16	108.04	-69.88	Peak
6	0.137	14.77	20.63	35.40	104.89	-69.49	Peak



Site : Chamber
Condition : 3m
Job No. : 2504X06145E-RF
Polarization : Parallel Tester: Colin Lin
Test Mode : 5.8GHz SRD Transmitting
Receiver Setting: RBW:10kHz VBW:30kHz

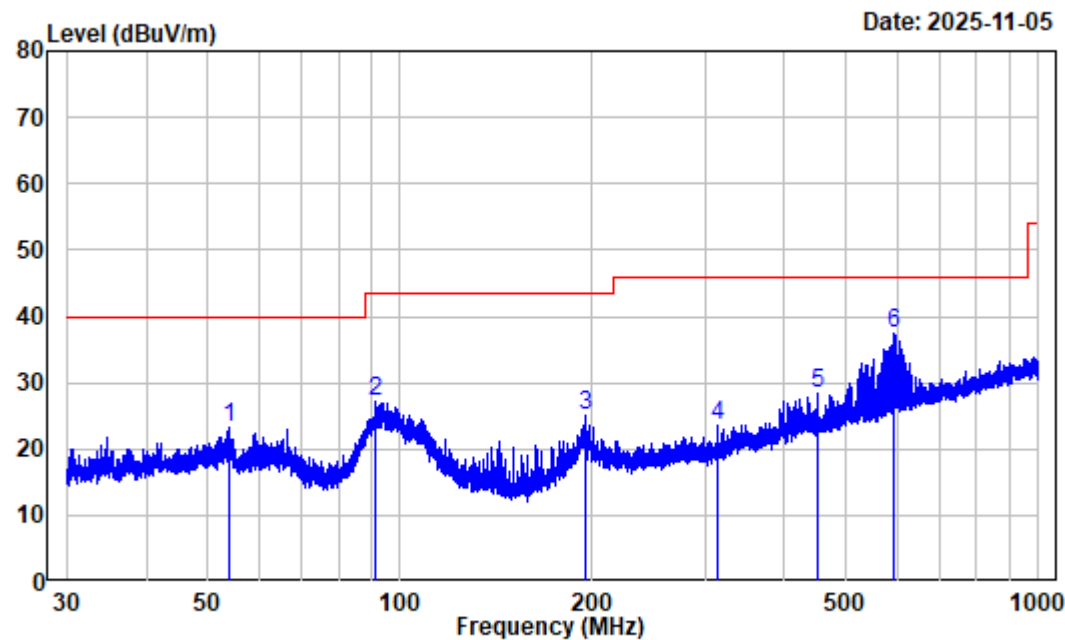
Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.510	3.18	46.48	49.66	73.44	-23.78 Peak
2	1.216	-2.60	54.03	51.43	65.74	-14.31 Peak
3	2.099	-5.43	57.04	51.61	69.54	-17.93 Peak
4	3.276	-5.96	60.62	54.66	69.54	-14.88 Peak
5	4.430	-6.30	48.87	42.57	69.54	-26.97 Peak
6	10.564	-5.21	39.89	34.68	69.54	-34.86 Peak
7	16.226	-3.86	37.26	33.40	69.54	-36.14 Peak

30MHz~1GHz:



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504X06145E-RF Tester: Colin Lin
Test Mode : 5.8GHz SRD Transmitting
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	60.227	-10.61	32.51	21.90	40.00	-18.10	Peak
2	96.860	-12.03	41.43	29.40	43.50	-14.10	Peak
3	194.966	-9.86	40.18	30.32	43.50	-13.18	Peak
4	259.348	-10.10	40.05	29.95	46.00	-16.05	Peak
5	320.077	-8.37	37.48	29.11	46.00	-16.89	Peak
6	627.824	-1.71	34.69	32.98	46.00	-13.02	Peak



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504X06145E-RF Tester: Colin Lin
Test Mode : 5.8GHz SRD Transmitting
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Limit Level	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	53.811	-10.42	33.54	23.12	40.00	-16.88 Peak
2	91.615	-13.18	40.33	27.15	43.50	-16.35 Peak
3	195.308	-9.86	34.93	25.07	43.50	-18.43 Peak
4	314.928	-8.62	32.18	23.56	46.00	-22.44 Peak
5	449.556	-4.87	33.17	28.30	46.00	-17.70 Peak
6	592.270	-2.29	39.76	37.47	46.00	-8.53 Peak

1GHz 40GHz

Environmental Conditions

Temperature:	25.2 to 25.8 °C	25.3 to 25.8 °C
Relative Humidity:	51 to 54 %	51 to 55 %
ATM Pressure:	100.7 kPa	100.7 kPa
Test Engineer:	Roger Ling & Kevin Lv	Roger Ling & Kevin Lv
Test Date:	2025-10-24 to 2025-10-28	2025-10-23 to 2025-10-28
EUT Operation Mode:	Transmitting	Transmitting
Radio:	5.2G SRD	5.8G SRD

Test Result: Compliance, please refer to the below data.

For 5.2G SRD

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 1.4M CP0							
Low Channel							
5150	65.76	PK	H	-6.04	59.72	74	-14.28
5150	53.96	AV	H	-6.04	47.92	54	-6.08
5150	66.55	PK	V	-6.04	60.51	74	-13.49
5150	53.95	AV	V	-6.04	47.91	54	-6.09
10308	50.71	PK	H	3.66	54.37	68.20	-13.83
10308	50.61	PK	V	3.66	54.27	68.20	-13.93
Middle Channel							
10402	49.87	PK	H	4.19	54.06	68.20	-14.14
10402	49.64	PK	V	4.19	53.83	68.20	-14.37
High Channel							
5350	67.29	PK	H	-5.69	61.60	74	-12.40
5350	53.59	AV	H	-5.69	47.90	54	-6.10
5350	66.40	PK	V	-5.69	60.71	74	-13.29
5350	53.60	AV	V	-5.69	47.91	54	-6.09
10492	50.67	PK	H	3.90	54.57	68.20	-13.63
10492	50.20	PK	V	3.90	54.10	68.20	-14.10

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 3M CP0							
Low Channel							
5150	69.61	PK	H	-6.04	63.57	74	-10.43
5150	54.01	AV	H	-6.04	47.97	54	-6.03
5150	73.28	PK	V	-6.04	67.24	74	-6.76
5150	53.78	AV	V	-6.04	47.74	54	-6.26
10310	51.00	PK	H	3.67	54.67	68.20	-13.53
10310	50.54	AV	V	3.67	54.21	68.20	-13.99
Middle Channel							
10402	49.81	PK	H	4.19	54.00	68.20	-14.20
10402	48.99	AV	V	4.19	53.18	68.20	-15.02
High Channel							
5350	67.13	PK	H	-5.69	61.44	74	-12.56
5350	53.63	AV	H	-5.69	47.94	54	-6.06
5350	66.83	PK	V	-5.69	61.14	74	-12.86
5350	53.53	AV	V	-5.69	47.84	54	-6.16
10490	50.85	PK	H	3.91	54.76	68.20	-13.44
10490	49.80	PK	V	3.91	53.71	68.20	-14.49

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 5M CP0							
Low Channel							
5150	68.34	PK	H	-6.04	62.30	74	-11.70
5150	53.77	AV	H	-6.04	47.73	54	-6.27
5150	73.32	PK	V	-6.04	67.28	74	-6.72
5150	53.92	AV	V	-6.04	47.88	54	-6.12
10312	50.24	PK	H	3.68	53.92	68.20	-14.28
10312	50.35	AV	V	3.68	54.03	68.20	-14.17
Middle Channel							
10402	49.81	PK	H	4.19	54.00	68.20	-14.20
10402	50.12	AV	V	4.19	54.31	68.20	-13.89
High Channel							
5350	65.92	PK	H	-5.69	60.23	74	-13.77
5350	53.62	AV	H	-5.69	47.93	54	-6.07
5350	65.85	PK	V	-5.69	60.16	74	-13.84
5350	53.65	AV	V	-5.69	47.96	54	-6.04
10488	48.69	PK	H	3.93	52.62	68.20	-15.58
10488	50.00	AV	V	3.93	53.93	68.20	-14.27

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 10M CP0							
Low Channel 5157MHz							
5150	73.52	PK	H	-6.04	67.48	74	-6.52
5150	55.49	AV	H	-6.04	49.45	54	-4.55
5150	74.35	PK	V	-6.04	68.31	74	-5.69
5150	55.36	AV	V	-6.04	49.32	54	-4.68
10314	50.11	PK	H	3.70	53.81	68.20	-14.39
10314	49.73	AV	V	3.70	53.43	68.20	-14.77
Low Channel 5159MHz							
5150	66.06	PK	V	-6.04	60.02	74	-13.98
5150	53.36	AV	V	-6.04	47.32	54	-6.68
5150	73.91	PK	H	-6.04	67.87	74	-6.13
5150	57.71	AV	H	-6.04	51.67	54	-2.33
10318	49.61	PK	H	3.73	53.34	68.20	-14.86
10318	49.77	AV	V	3.73	53.50	68.20	-14.70
Middle Channel							
10402	49.43	PK	H	4.19	53.62	68.20	-14.58
10402	49.10	AV	V	4.19	53.29	68.20	-14.91
High Channel							
5350	66.36	PK	H	-5.69	60.67	74	-13.33
5350	53.66	AV	H	-5.69	47.97	54	-6.03
5350	66.93	PK	V	-5.69	61.24	74	-12.76
5350	53.63	AV	V	-5.69	47.94	54	-6.06
10486	49.53	PK	H	3.95	53.48	68.20	-14.72
10486	50.14	AV	V	3.95	54.09	68.20	-14.11

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 20M CP0							
Low Channel							
5150	68.51	PK	H	-6.04	62.47	74	-11.53
5150	53.71	AV	H	-6.04	47.67	54	-6.33
5150	71.28	PK	V	-6.04	65.24	74	-8.76
5150	57.68	AV	V	-6.04	51.64	54	-2.36
10334	49.91	PK	H	3.84	53.75	68.20	-14.45
10334	50.56	AV	V	3.84	54.40	68.20	-13.80
Middle Channel							
10402	50.39	PK	H	4.19	54.58	68.20	-13.62
10402	49.15	AV	V	4.19	53.34	68.20	-14.86
High Channel							
5350	66.06	PK	H	-5.69	60.37	74	-13.63
5350	53.66	AV	H	-5.69	47.97	54	-6.03
5350	66.35	PK	V	-5.69	60.66	74	-13.34
5350	53.65	AV	V	-5.69	47.96	54	-6.04
10466	49.31	PK	H	4.14	53.45	68.20	-14.75
10466	49.79	AV	V	4.14	53.93	68.20	-14.27

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 1.4M CP1							
Low Channel							
5150	67.30	PK	H	-6.04	61.26	74	-12.74
5150	53.90	AV	H	-6.04	47.86	54	-6.14
5150	67.30	PK	V	-6.04	61.26	74	-12.74
5150	53.80	AV	V	-6.04	47.76	54	-6.24
10308	50.50	PK	H	3.66	54.16	68.20	-14.04
10308	50.37	PK	V	3.66	54.03	68.20	-14.17
Middle Channel							
10402	51.72	PK	H	4.19	55.91	68.20	-12.29
10402	52.14	PK	V	4.19	56.33	68.20	-11.87
High Channel							
5350	66.67	PK	H	-5.69	60.98	74	-13.02
5350	53.67	AV	H	-5.69	47.98	54	-6.02
5350	66.28	PK	V	-5.69	60.59	74	-13.41
5350	53.58	AV	V	-5.69	47.89	54	-6.11
10492	49.52	PK	H	3.90	53.42	68.20	-14.78
10492	49.25	PK	V	3.90	53.15	68.20	-15.05

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 3M CP1							
Low Channel							
5150	68.52	PK	H	-6.04	62.48	74	-11.52
5150	53.82	AV	H	-6.04	47.78	54	-6.22
5150	69.02	PK	V	-6.04	62.98	74	-11.02
5150	53.92	AV	V	-6.04	47.88	54	-6.12
10310	49.17	PK	H	3.67	52.84	68.20	-15.36
10310	48.40	AV	V	3.67	52.07	68.20	-16.13
Middle Channel							
10402	49.75	PK	H	4.19	53.94	68.20	-14.26
10402	50.76	AV	V	4.19	54.95	68.20	-13.25
High Channel							
5350	66.22	PK	H	-5.69	60.53	74	-13.47
5350	53.62	AV	H	-5.69	47.93	54	-6.07
5350	66.12	PK	V	-5.69	60.43	74	-13.57
5350	53.62	AV	V	-5.69	47.93	54	-6.07
10490	49.84	PK	H	3.91	53.75	68.20	-14.45
10490	49.34	PK	V	3.91	53.25	68.20	-14.95

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 5M CP1							
Low Channel							
5150	68.86	PK	H	-6.04	62.82	74	-11.18
5150	53.91	AV	H	-6.04	47.87	54	-6.13
5150	73.27	PK	V	-6.04	67.23	74	-6.77
5150	53.91	AV	V	-6.04	47.87	54	-6.13
10312	49.08	PK	H	3.68	52.76	68.20	-15.44
10312	49.41	AV	V	3.68	53.09	68.20	-15.11
Middle Channel							
10402	49.99	PK	H	4.19	54.18	68.20	-14.02
10402	49.51	AV	V	4.19	53.70	68.20	-14.50
High Channel							
5350	66.18	PK	H	-5.69	60.49	74	-13.51
5350	53.58	AV	H	-5.69	47.89	54	-6.11
5350	65.75	PK	V	-5.69	60.06	74	-13.94
5350	53.65	AV	V	-5.69	47.96	54	-6.04
10488	48.91	PK	H	3.93	52.84	68.20	-15.36
10488	50.17	AV	V	3.93	54.10	68.20	-14.10

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 10M CP1							
Low Channel 5157MHz							
5150	73.29	PK	H	-6.04	67.25	74	-6.75
5150	55.42	AV	H	-6.04	49.38	54	-4.62
5150	73.99	PK	V	-6.04	67.95	74	-6.05
5150	55.25	AV	V	-6.04	49.21	54	-4.79
10314	50.03	PK	H	3.70	53.73	68.20	-14.47
10314	49.58	AV	V	3.70	53.28	68.20	-14.92
Low Channel 5159MHz							
5150	75.54	PK	H	-6.04	69.50	74	-4.50
5150	53.91	AV	H	-6.04	47.87	54	-6.13
5150	77.26	PK	V	-6.04	71.22	74	-2.78
5150	53.93	AV	V	-6.04	47.89	54	-6.11
10314	49.60	PK	H	3.70	53.30	68.20	-14.90
10314	49.43	AV	V	3.70	53.13	68.20	-15.07
Middle Channel							
10402	50.49	PK	H	4.19	54.68	68.20	-13.52
10402	49.33	AV	V	4.19	53.52	68.20	-14.68
High Channel							
5350	66.12	PK	H	-5.69	60.43	74	-13.57
5350	53.62	AV	H	-5.69	47.93	54	-6.07
5350	67.71	PK	V	-5.69	62.02	74	-11.98
5350	53.60	AV	V	-5.69	47.91	54	-6.09
10486	49.08	PK	H	3.95	53.03	68.20	-15.17
10486	49.85	AV	V	3.95	53.80	68.20	-14.40

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.2G SRD 20M CP1							
Low Channel							
5150	67.52	PK	H	-6.04	61.48	74	-12.52
5150	53.82	AV	H	-6.04	47.78	54	-6.22
5150	69.02	PK	V	-6.04	62.98	74	-11.02
5150	54.01	AV	V	-6.04	47.97	54	-6.03
10334	50.43	PK	H	3.84	54.27	68.20	-13.93
10334	49.89	AV	V	3.84	53.73	68.20	-14.47
Middle Channel							
10402	49.93	PK	H	4.19	54.12	68.20	-14.08
10402	50.52	AV	V	4.19	54.71	68.20	-13.49
High Channel							
5350	66.71	PK	H	-5.69	61.02	74	-12.98
5350	53.65	AV	H	-5.69	47.96	54	-6.04
5350	65.93	PK	V	-5.69	60.24	74	-13.76
5350	53.61	AV	V	-5.69	47.92	54	-6.08
10466	50.63	PK	H	4.14	54.77	68.20	-13.43
10466	49.76	AV	V	4.14	53.90	68.20	-14.30

Note 1: Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

Note 2: Absolute Level = Factor + Reading

Note 3: Margin = Absolute Level - Limit

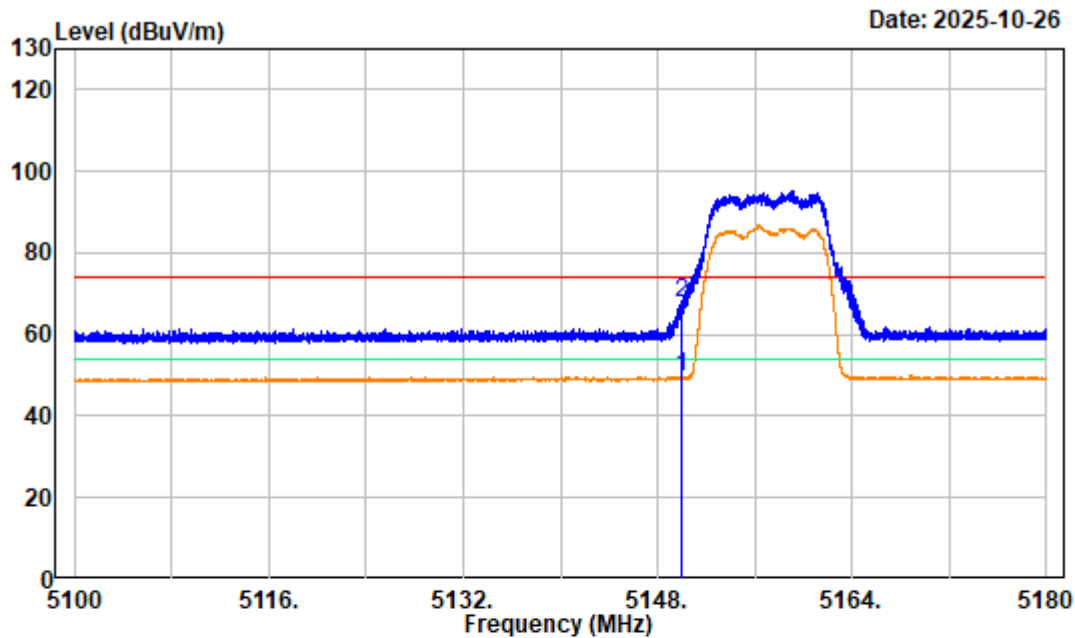
Note 4: The other spurious emission which is in the noise floor level was not recorded.

Note 5: The test result of peak was less than the limit of average, so just peak values were recorded.

Test plots

Band Edge

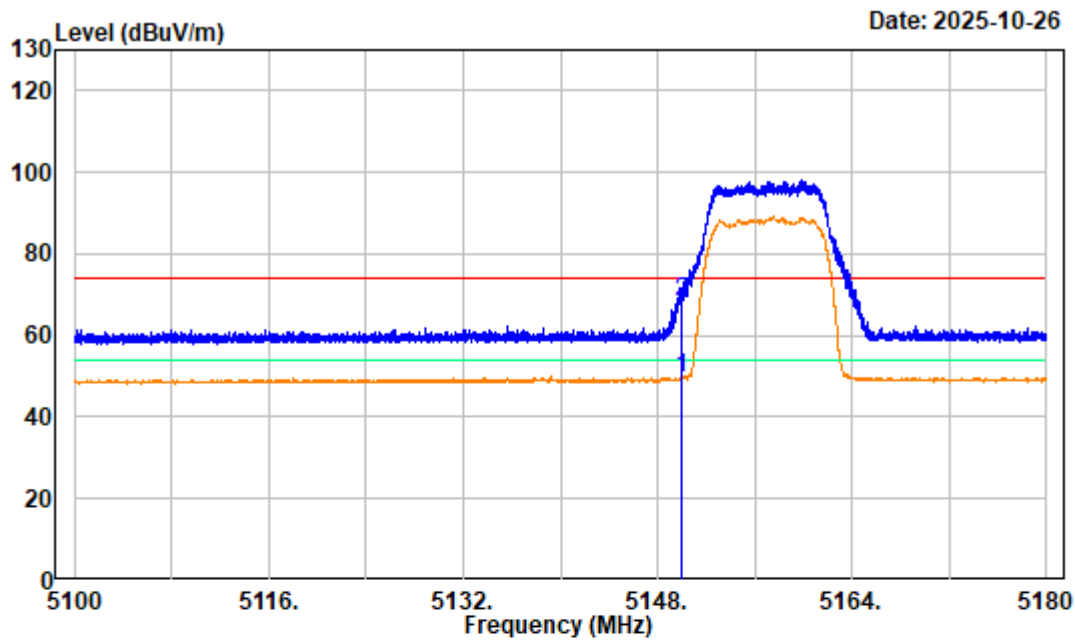
5.2G SRD 10MHz Low Channel 5157MHz CP0 Bandedge _HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Roger.Ling
Note : 5.2G SRD 10M Low Channel 5157MHz Bandedge CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5150.000	-6.04	55.49	49.45	54.00	-4.55	average
2 5150.000	-6.04	73.52	67.48	74.00	-6.52	Peak

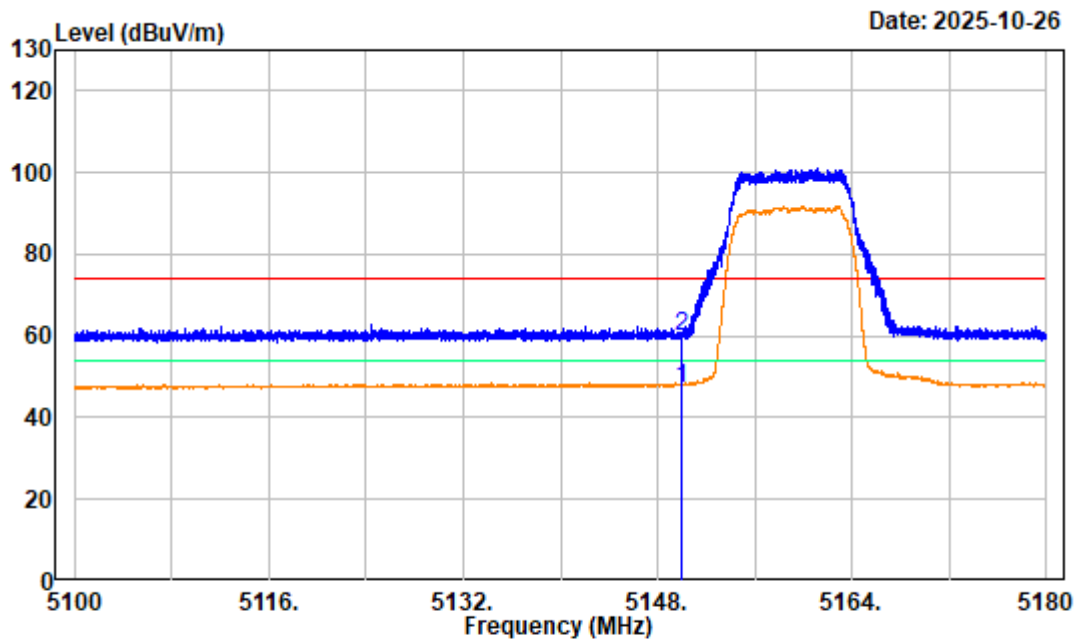
5.2G SRD 10MHz Low Channel 5157MHz CP1 Bandedge _VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Roger.Ling
Note : 5.2G SRD 10M Low Channel 5157MHz Bandedge CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5150.000	-6.04	55.36	49.32	54.00	-4.68	Average
2 5150.000	-6.04	74.35	68.31	74.00	-5.69	Peak

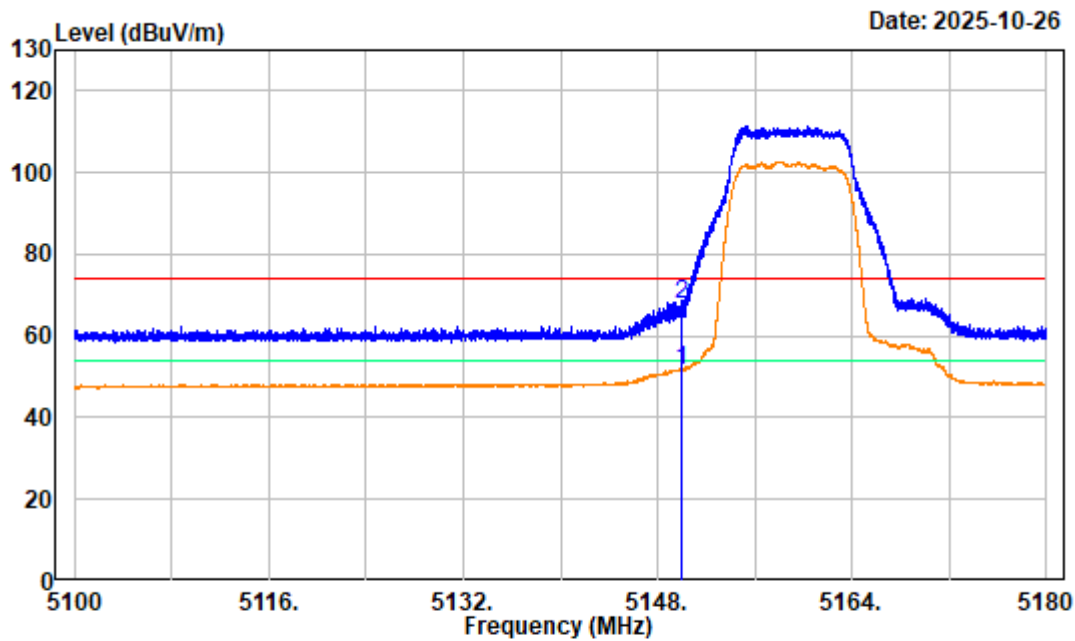
5.2G SRD 10MHz Low Channel 5159MHz CP0 Bandedge _HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Roger.Ling
Note : 5.2G SRD 10M Low Channel 5159MHz Bandedge CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.04	53.36	47.32	54.00	-6.68 average
2	5150.000	-6.04	66.06	60.02	74.00	-13.98 peak

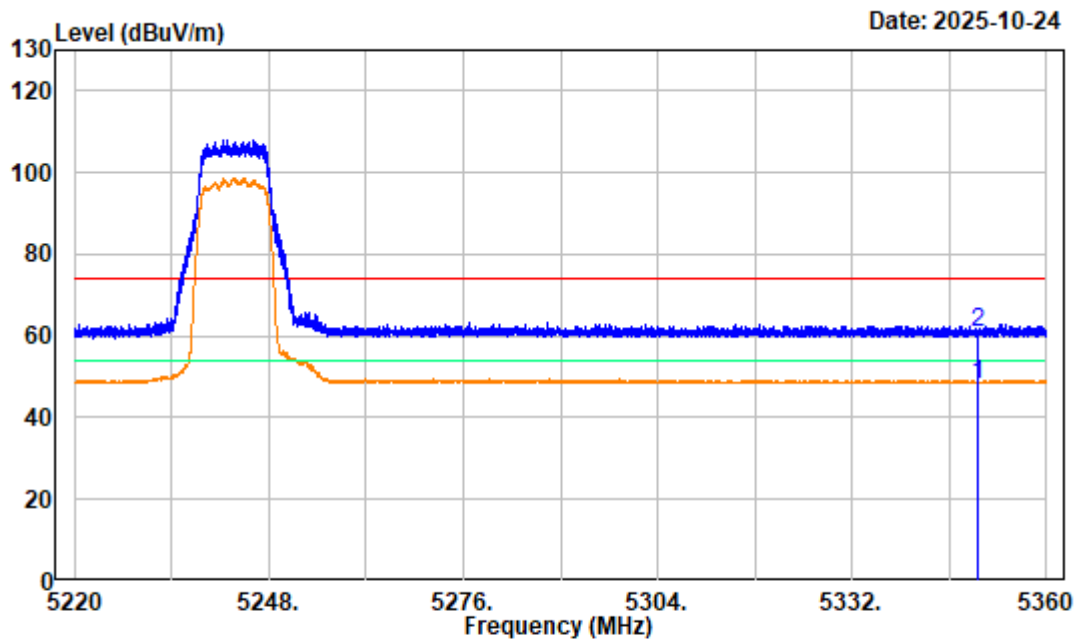
5.2G SRD 10MHz Low Channel 5159MHz CP0 Bandedge _VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Roger.Ling
Note : 5.2G SRD 10M Low Channel 5159MHz Bandedge CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5150.000	-6.04	57.71	51.67	54.00	-2.33 average
2	5150.000	-6.04	73.91	67.87	74.00	-6.13 peak

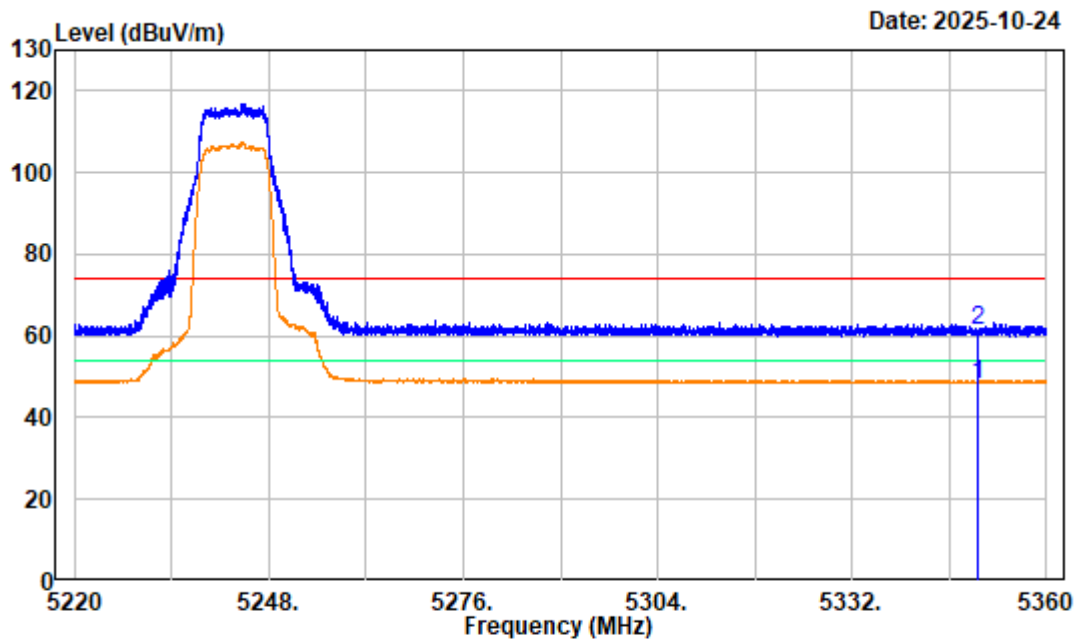
5.2G SRD 10MHz High Channel 5243MHz CP1 Bandedge_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Roger.Ling
Note : 5.2G SRD 10M High Channel 5243MHz Bandedge CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-5.69	53.66	47.97	54.00	-6.03 average
2	5350.000	-5.69	66.36	60.67	74.00	-13.33 peak

5.2G SRD 10MHz High Channel 5243MHz CP1 Bandedg _VERTICAL



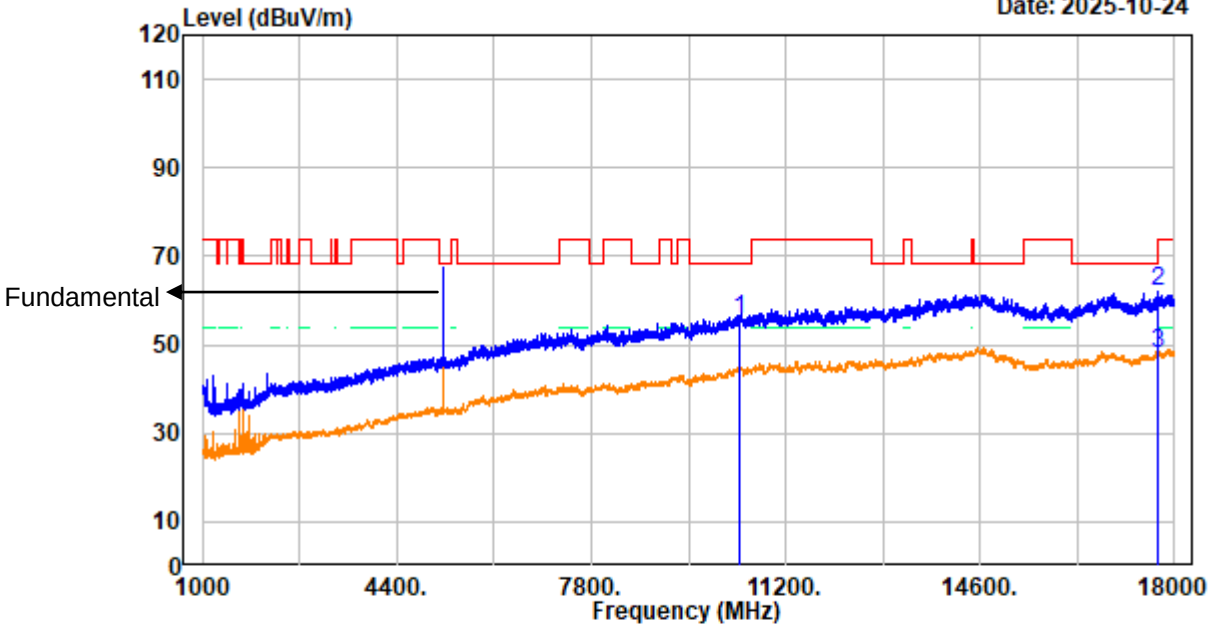
Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Roger.Ling
Note : 5.2G SRD 10M High Channel 5243MHz Bandedge CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5350.000	-5.69	53.63	47.94	54.00	-6.06 average
2	5350.000	-5.69	66.93	61.24	74.00	-12.76 peak

1-18GHz (Listed with the worst harmonic margin test plot)

5.2G SRD 1.4MHz Middle Channel CP1 1-18GHz _HORIZONTAL

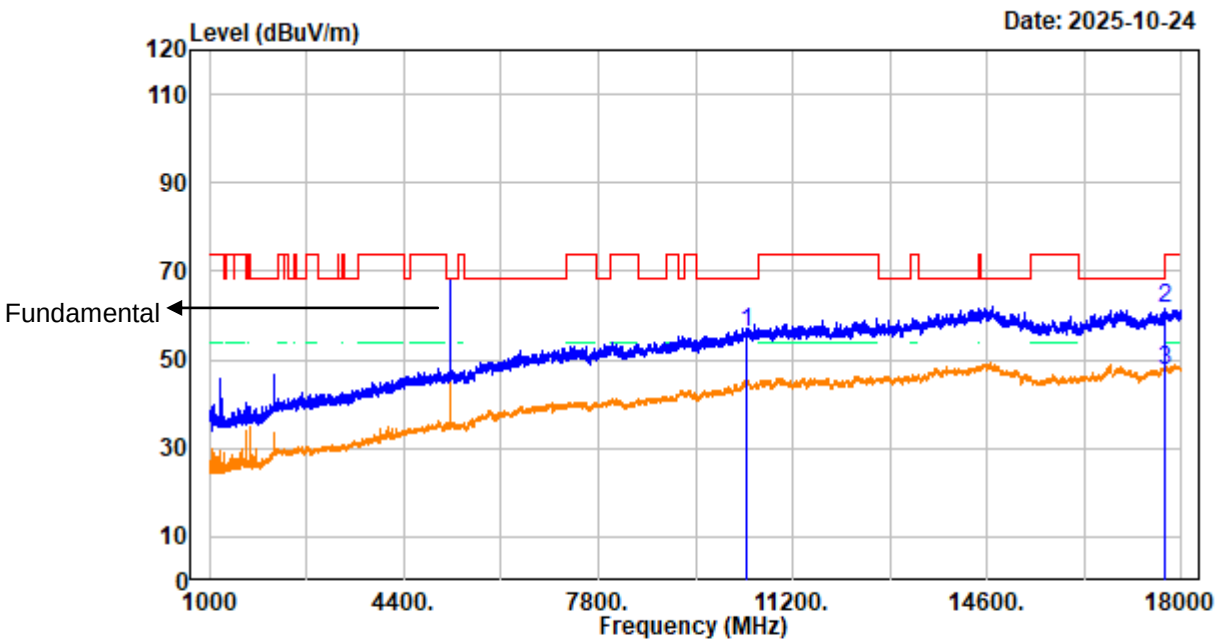
Date: 2025-10-24



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Roger.Ling
Note : 5.2G SRD 1.4M Middle Channel 5201MHz 1HGz-18GHz CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq		Factor	Read Level	Limit Level	Over Limit	Remark
MHz			dBuV	dBuV/m	dBuV/m	
1	10402.000	4.19	51.72	55.91	68.20	-12.29 Peak
2	17725.880	7.70	54.45	62.15	74.00	-11.85 Peak
3	17725.880	7.70	40.15	47.85	54.00	-6.15 Average

5.2G SRD 1.4MHz Middle Channel CP1 1-18GHz _VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X06145E-RF

Test Mode : Transmitting

Tester:Roger.Ling

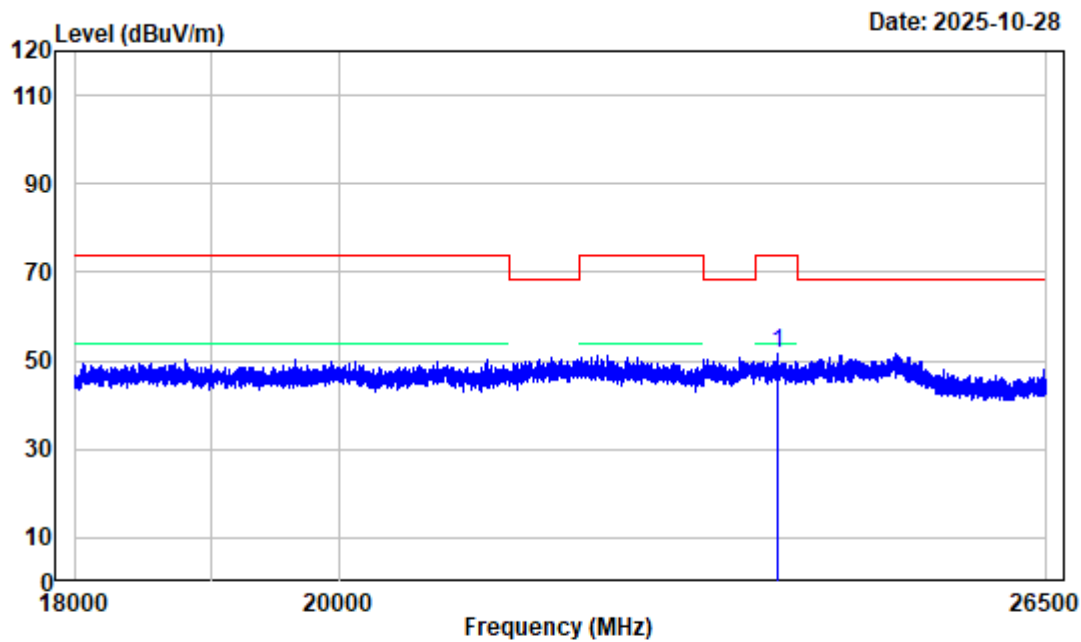
Note : 5.2G SRD 1.4M Middle Channel 5201MHz 1HGz-18GHz CP1

SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 10402.000	4.19	52.14	56.33	68.20	-11.87	Peak
2 17713.130	7.68	53.77	61.45	74.00	-12.55	Peak
3 17713.130	7.68	39.79	47.47	54.00	-6.53	Average

18-40GHz (Only Listed with the worst harmonic margin test plot)

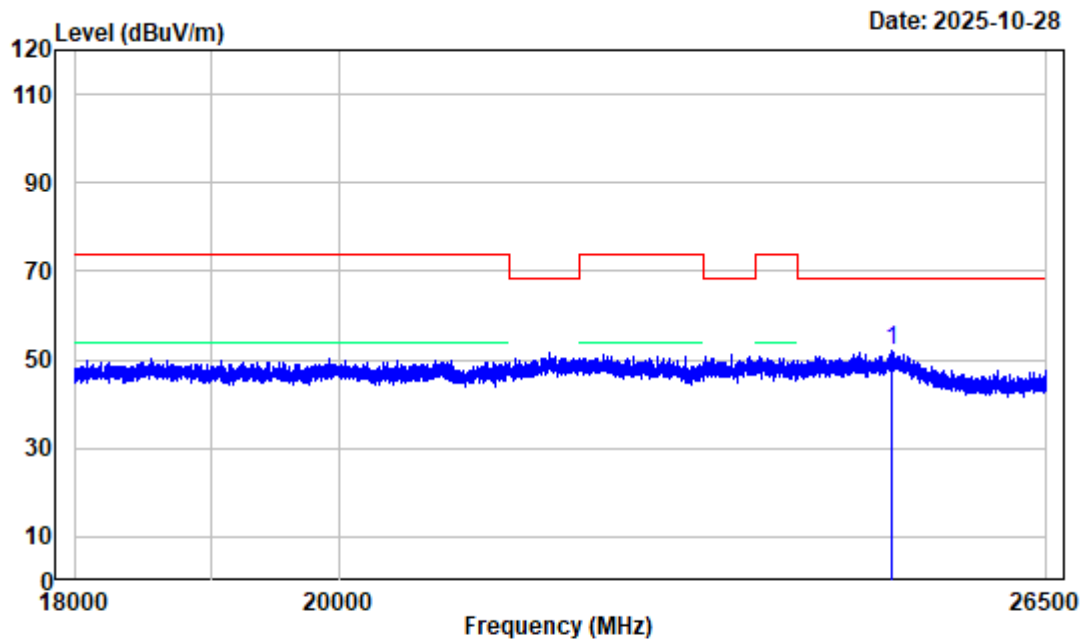
5.2G SRD 1.4MHz Middle Channel CP1 18-26.5GHz _HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.2G SRD 1.4M Middle Channel 5201MHz 18HGz-26.5GHz CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 23805.500	2.45	49.23	51.68	74.00	-22.32	Peak

5.2G SRD 1.4MHz Middle Channel CP1 18-26.5GHz _VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X06145E-RF

Test Mode : Transmitting

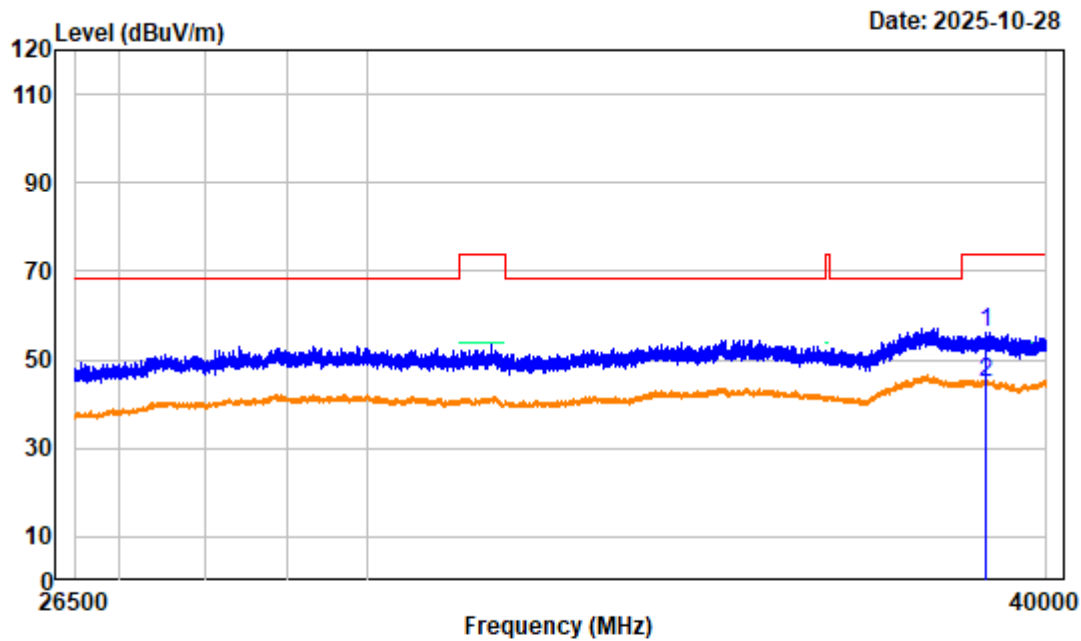
Tester:Kevin Lv

Note : 5.2G SRD 1.4M Middle Channel 5201MHz 18HGz-26.5GHz CP1

SA setting : Peak:RBW:1MHz,VBW:3MHz

Freq	Factor	Read		Limit	Over	Remark
		Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 24924.310	4.16	47.90	52.06	68.20	-16.14	Peak

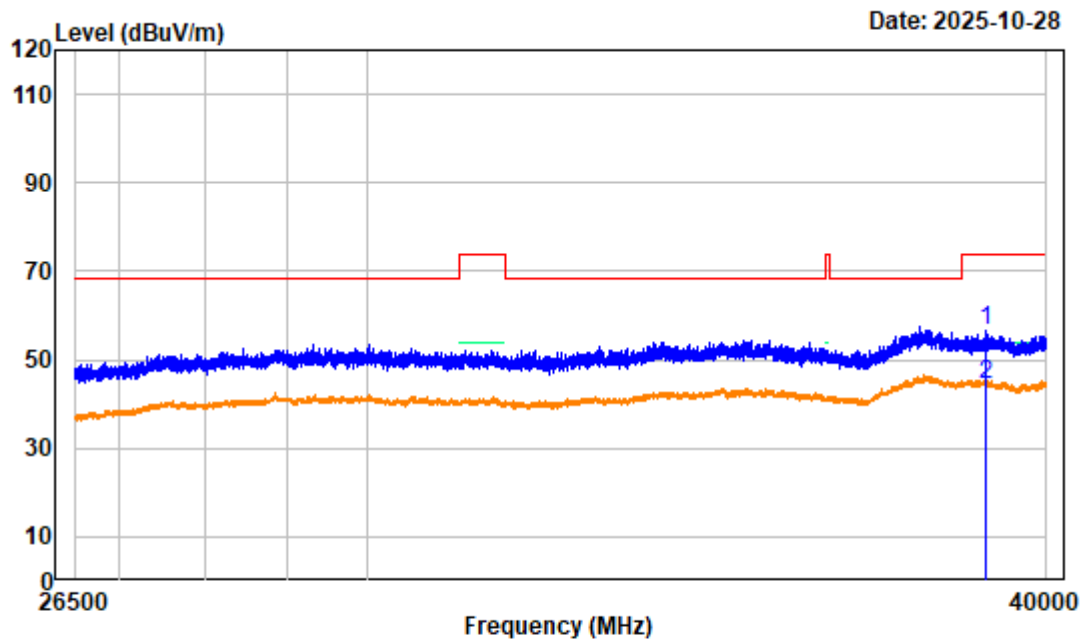
5.2G SRD 1.4MHz Middle Channel CP1 26.5-40GHz _HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.2G SRD 1.4M Middle Channel 5201MHz 26.5HGz-40GHz CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 38975.690	6.29	49.78	56.07	74.00	-17.93	Peak
2 38975.690	6.29	38.75	45.04	54.00	-8.96	Average

5.2G SRD 1.4MHz Middle Channel CP1 26.5-40GHz _VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.2G SRD 1.4M Middle Channel 5201MHz 26.5HGz-40GHz CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 38975.690	6.29	50.20	56.49	74.00	-17.51	Peak
2 38975.690	6.29	38.14	44.43	54.00	-9.57	Average

For 5.8G SRD

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 1.4M CP0							
Low Channel							
5725	69.19	PK	H	-4.45	64.74	122.2	-57.46
5725	73.31	PK	V	-4.45	68.86	122.2	-53.34
5720	65.56	PK	H	-4.43	61.13	110.8	-49.67
5720	65.95	PK	V	-4.43	61.52	110.8	-49.28
5700	65.26	PK	H	-4.35	60.91	105.2	-44.29
5700	66.74	PK	V	-4.35	62.39	105.2	-42.81
5650	64.60	PK	H	-4.72	59.88	68.2	-8.32
5650	64.60	PK	V	-4.72	59.88	68.2	-8.32
11456	47.62	PK	H	5.36	52.98	74	-21.02
11456	38.98	AV	H	5.36	44.34	54	-9.66
11456	49.21	PK	V	5.36	54.57	74	-19.43
11456	39.28	AV	V	5.36	44.64	54	-9.36
Middle Channel							
11578	49.01	PK	H	5.94	54.95	74	-19.05
11578	38.62	AV	H	5.94	44.56	54	-9.44
11578	48.59	PK	V	5.94	54.53	74	-19.47
11578	38.69	AV	V	5.94	44.63	54	-9.37
High Channel							
5850	68.38	PK	H	-4.54	63.84	122.2	-58.36
5850	73.57	PK	V	-4.54	69.03	122.2	-53.17
5855	65.52	PK	H	-4.48	61.04	110.8	-49.76
5855	65.15	PK	V	-4.48	60.67	110.8	-50.13
5875	65.37	PK	H	-4.20	61.17	105.2	-44.03
5875	65.50	PK	V	-4.20	61.30	105.2	-43.90
5925	64.78	PK	H	-4.27	60.51	68.2	-7.69
5925	64.96	PK	V	-4.27	60.69	68.2	-7.51
11694	49.47	PK	H	5.22	54.69	74	-19.31
11694	39.32	AV	H	5.22	44.54	54	-9.46
11694	49.36	PK	V	5.22	54.58	74	-19.42
11694	39.61	AV	V	5.22	44.83	54	-9.17

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 3M CP0							
Low Channel							
5725	70.70	PK	H	-4.45	66.25	122.2	-55.95
5725	74.96	PK	V	-4.45	70.51	122.2	-51.69
5720	64.78	PK	H	-4.43	60.35	110.8	-50.45
5720	65.14	PK	V	-4.43	60.71	110.8	-50.09
5700	64.86	PK	H	-4.35	60.51	105.2	-44.69
5700	64.86	PK	V	-4.35	60.51	105.2	-44.69
5650	63.83	PK	H	-4.72	59.11	68.2	-9.09
5650	64.67	PK	V	-4.72	59.95	68.2	-8.25
11458	47.98	PK	H	5.41	53.39	74	-20.61
11458	39.02	AV	H	5.41	44.43	54	-9.57
11458	46.98	PK	V	5.41	52.39	74	-21.61
11458	38.54	AV	V	5.41	43.95	54	-10.05
Middle Channel							
11578	47.65	PK	H	5.94	53.59	74	-20.41
11578	38.66	AV	H	5.94	44.60	54	-9.40
11578	48.69	PK	V	5.94	54.63	74	-19.37
11578	38.82	AV	V	5.94	44.76	54	-9.24
High Channel							
5850	67.59	PK	H	-4.54	63.05	122.2	-59.15
5850	74.27	PK	V	-4.54	69.73	122.2	-52.47
5855	66.53	PK	H	-4.48	62.05	110.8	-48.75
5855	65.25	PK	V	-4.48	60.77	110.8	-50.03
5875	64.69	PK	H	-4.20	60.49	105.2	-44.71
5875	65.35	PK	V	-4.20	61.15	105.2	-44.05
5925	65.64	PK	H	-4.27	61.37	68.2	-6.83
5925	65.73	PK	V	-4.27	61.46	68.2	-6.74
11692	49.16	PK	H	5.23	54.39	74	-19.61
11692	39.26	AV	H	5.23	44.49	54	-9.51
11692	48.65	PK	V	5.23	53.88	74	-20.12
11692	39.62	AV	V	5.23	44.85	54	-9.15

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 5M CP0							
Low Channel							
5725	71.77	PK	H	-4.45	67.32	122.2	-54.88
5725	73.85	PK	V	-4.45	69.40	122.2	-52.80
5720	65.25	PK	H	-4.43	60.82	110.8	-49.98
5720	66.03	PK	V	-4.43	61.60	110.8	-49.20
5700	65.24	PK	H	-4.35	60.89	105.2	-44.31
5700	65.24	PK	V	-4.35	60.89	105.2	-44.31
5650	65.06	PK	H	-4.72	60.34	68.2	-7.86
5650	65.65	PK	V	-4.72	60.93	68.2	-7.27
11460	48.50	PK	H	5.47	53.97	74	-20.03
11460	39.57	AV	H	5.47	45.04	54	-8.96
11460	47.55	PK	V	5.47	53.02	74	-20.98
11460	38.80	AV	V	5.47	44.27	54	-9.73
Middle Channel							
11578	47.73	PK	H	5.94	53.67	74	-20.33
11578	38.77	AV	H	5.94	44.71	54	-9.29
11578	48.83	PK	V	5.94	54.77	74	-19.23
11578	38.80	AV	V	5.94	44.74	54	-9.26
High Channel							
5850	84.71	PK	H	-4.54	80.17	122.2	-42.03
5850	92.16	PK	V	-4.54	87.62	122.2	-34.58
5855	65.52	PK	H	-4.48	61.04	110.8	-49.76
5855	66.15	PK	V	-4.48	61.67	110.8	-49.13
5875	65.19	PK	H	-4.20	60.99	105.2	-44.21
5875	65.05	PK	V	-4.20	60.85	105.2	-44.35
5925	65.34	PK	H	-4.27	61.07	68.2	-7.13
5925	65.80	PK	V	-4.27	61.53	68.2	-6.67
11690	49.19	PK	H	5.23	54.42	74	-19.58
11690	39.31	AV	H	5.23	44.54	54	-9.46
11690	47.97	PK	V	5.23	53.20	74	-20.80
11690	39.26	AV	V	5.23	44.49	54	-9.51

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 10M CP0							
Low Channel							
5725	80.05	PK	H	-4.45	75.60	122.2	-46.60
5725	85.64	PK	V	-4.45	81.19	122.2	-41.01
5720	65.49	PK	H	-4.43	61.06	110.8	-49.74
5720	67.19	PK	V	-4.43	62.76	110.8	-48.04
5700	64.94	PK	H	-4.35	60.59	105.2	-44.61
5700	65.52	PK	V	-4.35	61.17	105.2	-44.03
5650	65.06	PK	H	-4.72	60.34	68.2	-7.86
5650	63.86	PK	V	-4.72	59.14	68.2	-9.06
11466	48.04	PK	H	5.62	53.66	74	-20.34
11466	38.95	AV	H	5.62	44.57	54	-9.43
11466	48.78	PK	V	5.62	54.40	74	-19.60
11466	39.29	AV	V	5.62	44.91	54	-9.09
Middle Channel							
11578	49.13	PK	H	5.94	55.07	74	-18.93
11578	38.79	AV	H	5.94	44.73	54	-9.27
11578	47.82	PK	V	5.94	53.76	74	-20.24
11578	38.74	AV	V	5.94	44.68	54	-9.32
High Channel							
5850	82.09	PK	H	-4.54	77.55	122.2	-44.65
5850	86.86	PK	V	-4.54	82.32	122.2	-39.88
5855	67.52	PK	H	-4.48	63.04	110.8	-47.76
5855	70.61	PK	V	-4.48	66.13	110.8	-44.67
5875	64.73	PK	H	-4.20	60.53	105.2	-44.67
5875	65.56	PK	V	-4.20	61.36	105.2	-43.84
5925	65.87	PK	H	-4.27	61.60	68.2	-6.60
5925	66.44	PK	V	-4.27	62.17	68.2	-6.03
11684	48.18	PK	H	5.25	53.43	74	-20.57
11684	39.31	AV	H	5.25	44.56	54	-9.44
11684	49.42	PK	V	5.25	54.67	74	-19.33
11684	39.58	AV	V	5.25	44.83	54	-9.17

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 20M CP0							
Low Channel							
5725	84.24	PK	H	-4.45	79.79	122.2	-42.41
5725	88.87	PK	V	-4.45	84.42	122.2	-37.78
5720	66.69	PK	H	-4.43	62.26	110.8	-48.54
5720	70.36	PK	V	-4.43	65.93	110.8	-44.87
5700	65.51	PK	H	-4.35	61.16	105.2	-44.04
5700	65.39	PK	V	-4.35	61.04	105.2	-44.16
5650	64.28	PK	H	-4.72	59.56	68.2	-8.64
5650	64.76	PK	V	-4.72	60.04	68.2	-8.16
11476	47.47	PK	H	5.88	53.35	74	-20.65
11476	38.89	AV	H	5.88	44.77	54	-9.23
11476	48.05	PK	V	5.88	53.93	74	-20.07
11476	38.95	AV	V	5.88	44.83	54	-9.17
Middle Channel							
11580	48.59	PK	H	5.92	54.51	74	-19.49
11580	38.78	AV	H	5.92	44.70	54	-9.30
11580	49.03	PK	V	5.92	54.95	74	-19.05
11580	38.85	AV	V	5.92	44.77	54	-9.23
High Channel							
5850	91.55	PK	H	-4.54	87.01	122.2	-35.19
5850	97.52	PK	V	-4.54	92.98	122.2	-29.22
5855	68.69	PK	H	-4.48	64.21	110.8	-46.59
5855	72.59	PK	V	-4.48	68.11	110.8	-42.69
5875	64.27	PK	H	-4.20	60.07	105.2	-45.13
5875	65.72	PK	V	-4.20	61.52	105.2	-43.68
5925	65.29	PK	H	-4.27	61.02	68.2	-7.18
5925	64.80	PK	V	-4.27	60.53	68.2	-7.67
11678	48.67	PK	H	5.27	53.94	74	-20.06
11678	39.46	AV	H	5.27	44.73	54	-9.27
11678	48.24	PK	V	5.27	53.51	74	-20.49
11678	38.93	AV	V	5.27	44.20	54	-9.80

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 1.4M CP1							
Low Channel							
5725	65.65	PK	H	-4.45	61.20	122.2	-61.00
5725	72.53	PK	V	-4.45	68.08	122.2	-54.12
5720	64.95	PK	H	-4.43	60.52	110.8	-50.28
5720	65.71	PK	V	-4.43	61.28	110.8	-49.52
5700	65.77	PK	H	-4.35	61.42	105.2	-43.78
5700	65.83	PK	V	-4.35	61.48	105.2	-43.72
5650	64.49	PK	H	-4.72	59.77	68.2	-8.43
5650	65.58	PK	V	-4.72	60.86	68.2	-7.34
11456	48.51	PK	H	5.36	53.87	74	-20.13
11456	39.39	AV	H	5.36	44.75	54	-9.25
11456	48.47	PK	V	5.36	53.83	74	-20.17
11456	39.48	AV	V	5.36	44.84	54	-9.16
Middle Channel							
11578	48.33	PK	H	5.94	54.27	74	-19.73
11578	38.81	AV	H	5.94	44.75	54	-9.25
11578	49.29	PK	V	5.94	55.23	74	-18.77
11578	38.82	AV	V	5.94	44.76	54	-9.24
High Channel							
5850	67.28	PK	H	-4.54	62.74	122.2	-59.46
5850	70.90	PK	V	-4.54	66.36	122.2	-55.84
5855	65.80	PK	H	-4.48	61.32	110.8	-49.48
5855	65.80	PK	V	-4.48	61.32	110.8	-49.48
5875	66.11	PK	H	-4.20	61.91	105.2	-43.29
5875	66.11	PK	V	-4.20	61.91	105.2	-43.29
5925	65.77	PK	H	-4.27	61.50	68.2	-6.70
5925	65.77	PK	V	-4.27	61.50	68.2	-6.70
11694	49.08	PK	H	5.22	54.30	74	-19.70
11694	39.08	AV	H	5.22	44.30	54	-9.70
11694	47.94	PK	V	5.22	53.16	74	-20.84
11694	38.84	AV	V	5.22	44.06	54	-9.94

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 3M CP1							
Low Channel							
5725	69.86	PK	H	-4.45	65.41	122.2	-56.79
5725	74.76	PK	V	-4.45	70.31	122.2	-51.89
5720	66.04	PK	H	-4.43	61.61	110.8	-49.19
5720	65.90	PK	V	-4.43	61.47	110.8	-49.33
5700	64.59	PK	H	-4.35	60.24	105.2	-44.96
5700	64.66	PK	V	-4.35	60.31	105.2	-44.89
5650	64.98	PK	H	-4.72	60.26	68.2	-7.94
5650	65.34	PK	V	-4.72	60.62	68.2	-7.58
11458	48.48	PK	H	5.41	53.89	74	-20.11
11458	39.10	AV	H	5.41	44.51	54	-9.49
11458	47.63	PK	V	5.41	53.04	74	-20.96
11458	39.11	AV	V	5.41	44.52	54	-9.48
Middle Channel							
11578	47.25	PK	H	5.94	53.19	74	-20.81
11578	38.94	AV	H	5.94	44.88	54	-9.12
11578	48.85	PK	V	5.94	54.79	74	-19.21
11578	38.77	AV	V	5.94	44.71	54	-9.29
High Channel							
5850	67.21	PK	H	-4.54	62.67	122.2	-59.53
5850	73.78	PK	V	-4.54	69.24	122.2	-52.96
5855	66.00	PK	H	-4.48	61.52	110.8	-49.28
5855	65.20	PK	V	-4.48	60.72	110.8	-50.08
5875	64.80	PK	H	-4.20	60.60	105.2	-44.60
5875	65.14	PK	V	-4.20	60.94	105.2	-44.26
5925	66.25	PK	H	-4.27	61.98	68.2	-6.22
5925	67.26	PK	V	-4.27	62.99	68.2	-5.21
11692	47.86	PK	H	5.23	53.09	74	-20.91
11692	38.97	AV	H	5.23	44.20	54	-9.80
11692	48.81	PK	V	5.23	54.04	74	-19.96
11692	39.32	AV	V	5.23	44.55	54	-9.45

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 5M CP1							
Low Channel							
5725	71.50	PK	H	-4.45	67.05	122.2	-55.15
5725	73.21	PK	V	-4.45	68.76	122.2	-53.44
5720	65.31	PK	H	-4.43	60.88	110.8	-49.92
5720	65.01	PK	V	-4.43	60.58	110.8	-50.22
5700	65.55	PK	H	-4.35	61.20	105.2	-44.00
5700	65.66	PK	V	-4.35	61.31	105.2	-43.89
5650	64.21	PK	H	-4.72	59.49	68.2	-8.71
5650	64.35	PK	V	-4.72	59.63	68.2	-8.57
11460	47.84	PK	H	5.47	53.31	74	-20.69
11460	39.07	AV	H	5.47	44.54	54	-9.46
11460	47.76	PK	V	5.47	53.23	74	-20.77
11460	38.79	AV	V	5.47	44.26	54	-9.74
Middle Channel							
11578	48.03	PK	H	5.94	53.97	74	-20.03
11578	38.95	AV	H	5.94	44.89	54	-9.11
11578	48.57	PK	V	5.94	54.51	74	-19.49
11578	38.57	AV	V	5.94	44.51	54	-9.49
High Channel							
5850	70.03	PK	H	-4.54	65.49	122.2	-56.71
5850	79.58	PK	V	-4.54	75.04	122.2	-47.16
5855	65.19	PK	H	-4.48	60.71	110.8	-50.09
5855	65.65	PK	V	-4.48	61.17	110.8	-49.63
5875	65.45	PK	H	-4.20	61.25	105.2	-43.95
5875	64.76	PK	V	-4.20	60.56	105.2	-44.64
5925	65.33	PK	H	-4.27	61.06	68.2	-7.14
5925	65.19	PK	V	-4.27	60.92	68.2	-7.28
11690	48.72	PK	H	5.23	53.95	74	-20.05
11690	39.28	AV	H	5.23	44.51	54	-9.49
11690	49.63	PK	V	5.23	54.86	74	-19.14
11690	39.43	AV	V	5.23	44.66	54	-9.34

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 10M CP1							
Low Channel							
5725	80.66	PK	H	-4.45	76.21	122.2	-45.99
5725	91.10	PK	V	-4.45	86.65	122.2	-35.55
5720	68.24	PK	H	-4.43	63.81	110.8	-46.99
5720	74.73	PK	V	-4.43	70.30	110.8	-40.50
5700	65.70	PK	H	-4.35	61.35	105.2	-43.85
5700	66.55	PK	V	-4.35	62.20	105.2	-43.00
5650	64.84	PK	H	-4.72	60.12	68.2	-8.08
5650	65.14	PK	V	-4.72	60.42	68.2	-7.78
11466	48.08	PK	H	5.62	53.70	74	-20.30
11466	38.48	AV	H	5.62	44.10	54	-9.90
11466	48.17	PK	V	5.62	53.79	74	-20.21
11466	39.03	AV	V	5.62	44.65	54	-9.35
Middle Channel							
11578	48.21	PK	H	5.94	54.15	74	-19.85
11578	38.71	AV	H	5.94	44.65	54	-9.35
11578	47.52	PK	V	5.94	53.46	74	-20.54
11578	38.75	AV	V	5.94	44.69	54	-9.31
High Channel							
5850	77.31	PK	H	-4.54	72.77	122.2	-49.43
5850	90.46	PK	V	-4.54	85.92	122.2	-36.28
5855	65.47	PK	H	-4.48	60.99	110.8	-49.81
5855	74.54	PK	V	-4.48	70.06	110.8	-40.74
5875	64.58	PK	H	-4.20	60.38	105.2	-44.82
5875	65.98	PK	V	-4.20	61.78	105.2	-43.42
5925	65.58	PK	H	-4.27	61.31	68.2	-6.89
5925	65.48	PK	V	-4.27	61.21	68.2	-6.99
11684	49.06	PK	H	5.25	54.31	74	-19.69
11684	39.39	AV	H	5.25	44.64	54	-9.36
11684	49.23	PK	V	5.25	54.48	74	-19.52
11684	39.55	AV	V	5.25	44.80	54	-9.20

Frequency (MHz)	Reading (dBμV)	Pk/Ave	Polar (H/V)	Factor (dB/m)	Absolute Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5.8G SRD 20M CP1							
Low Channel							
5725	85.34	PK	H	-4.45	80.89	122.2	-41.31
5725	91.77	PK	V	-4.45	87.32	122.2	-34.88
5720	67.16	PK	H	-4.43	62.73	110.8	-48.07
5720	75.85	PK	V	-4.43	71.42	110.8	-39.38
5700	65.32	PK	H	-4.35	60.97	105.2	-44.23
5700	66.51	PK	V	-4.35	62.16	105.2	-43.04
5650	64.38	PK	H	-4.72	59.66	68.2	-8.54
5650	64.17	PK	V	-4.72	59.45	68.2	-8.75
11476	47.81	PK	H	5.88	53.69	74	-20.31
11476	38.47	AV	H	5.88	44.35	54	-9.65
11476	47.61	PK	V	5.88	53.49	74	-20.51
11476	38.38	AV	V	5.88	44.26	54	-9.74
Middle Channel							
11580	47.13	PK	H	5.92	53.05	74	-20.95
11580	38.95	AV	H	5.92	44.87	54	-9.13
11580	48.26	PK	V	5.92	54.18	74	-19.82
11580	38.82	AV	V	5.92	44.74	54	-9.26
High Channel							
5850	95.27	PK	H	-4.54	90.73	122.2	-31.47
5850	99.64	PK	V	-4.54	95.10	122.2	-27.10
5855	70.07	PK	H	-4.48	65.59	110.8	-45.21
5855	76.09	PK	V	-4.48	71.61	110.8	-39.19
5875	66.10	PK	H	-4.20	61.90	105.2	-43.30
5875	65.68	PK	V	-4.20	61.48	105.2	-43.72
5925	66.46	PK	H	-4.27	62.19	68.2	-6.01
5925	66.71	PK	V	-4.27	62.44	68.2	-5.76
11678	48.24	PK	H	5.27	53.51	74	-20.49
11678	39.25	AV	H	5.27	44.52	54	-9.48
11678	48.32	PK	V	5.27	53.59	74	-20.41
11678	39.70	AV	V	5.27	44.97	54	-9.03

Note 1: Factor = Antenna factor (RX) + Cable Loss – Amplifier Factor

Note 2: Absolute Level = Factor + Reading

Note 3: Margin = Absolute Level - Limit

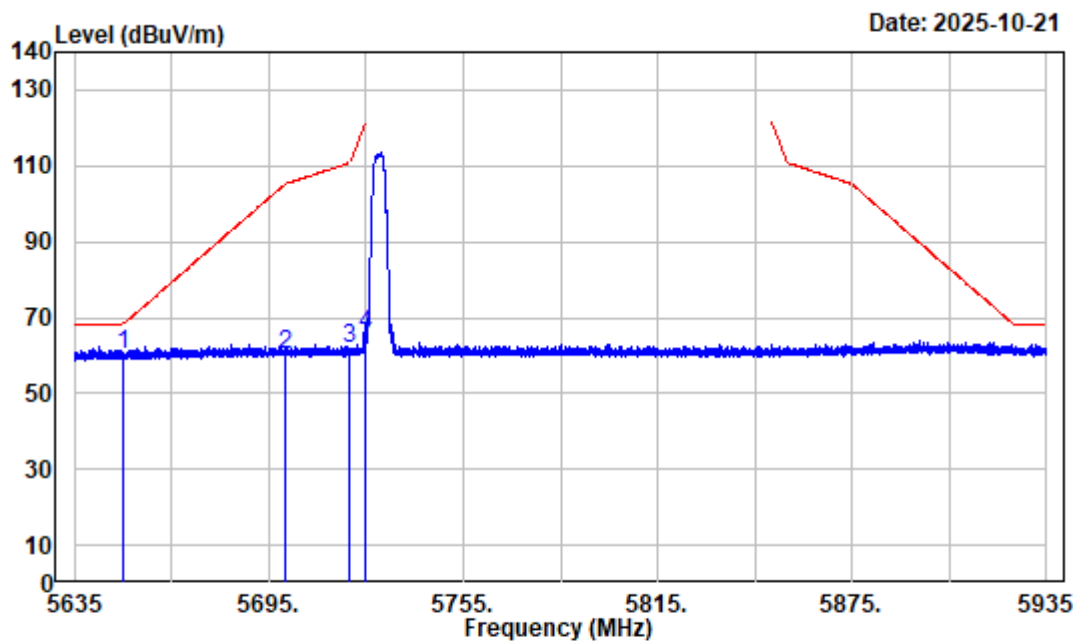
Note 4: The other spurious emission which is in the noise floor level was not recorded.

Note 5: The test result of peak was less than the limit of average, so just peak values were recorded.

Test plots

Band Edge

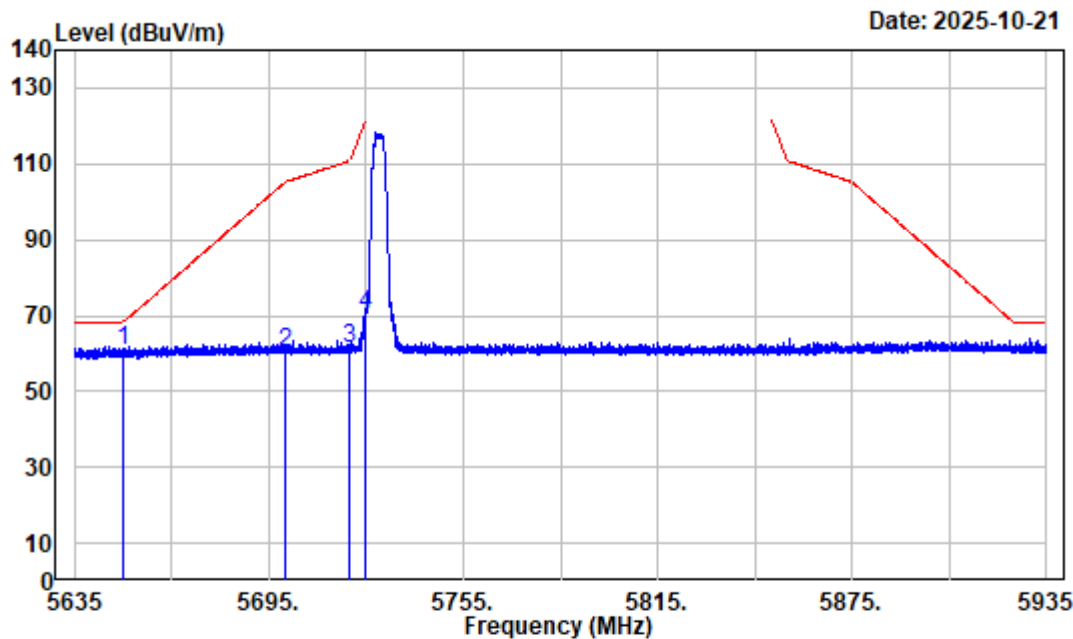
5.8G SRD 3MHz Low Channel CP1 Bandedge _HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 3M Low Channel 5729MHz Bandedge CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Limit Level	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	5650.000	-4.72	64.98	60.26	68.20	-7.94 peak
2	5700.000	-4.35	64.59	60.24	105.20	-44.96 peak
3	5720.000	-4.43	66.04	61.61	110.80	-49.19 peak
4	5725.000	-4.45	69.86	65.41	122.20	-56.79 peak

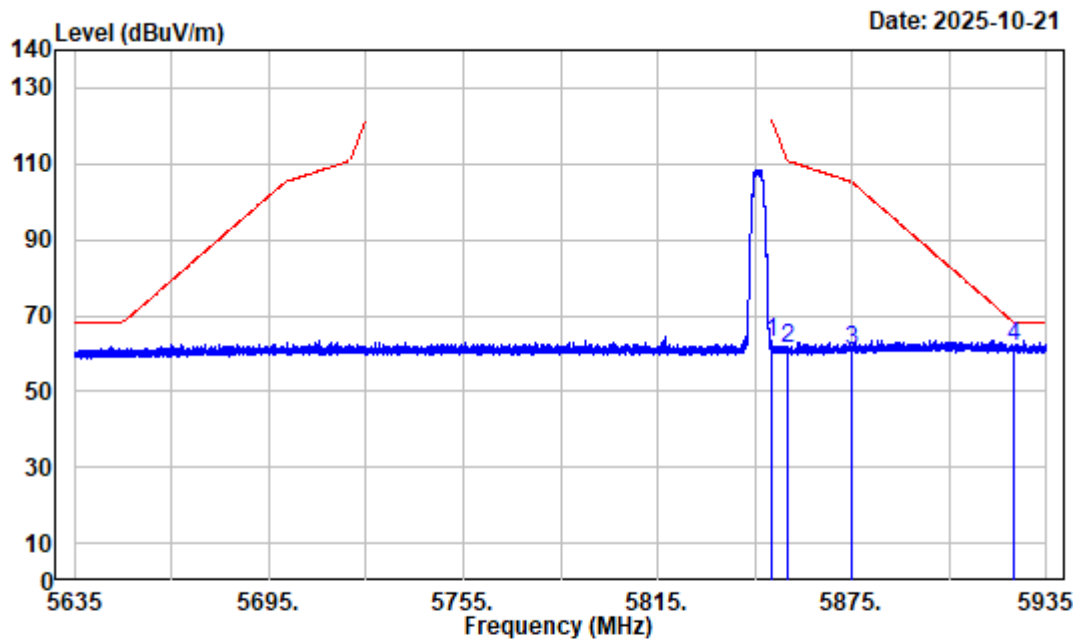
5.8G SRD 3MHz Low Channel CP1 Bandedge _VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 3M Low Channel 5729MHz Bandedge CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5650.000	-4.72	65.34	60.62	68.20	-7.58 peak
2	5700.000	-4.35	64.66	60.31	105.20	-44.89 peak
3	5720.000	-4.43	65.90	61.47	110.80	-49.33 peak
4	5725.000	-4.45	74.76	70.31	122.20	-51.89 peak

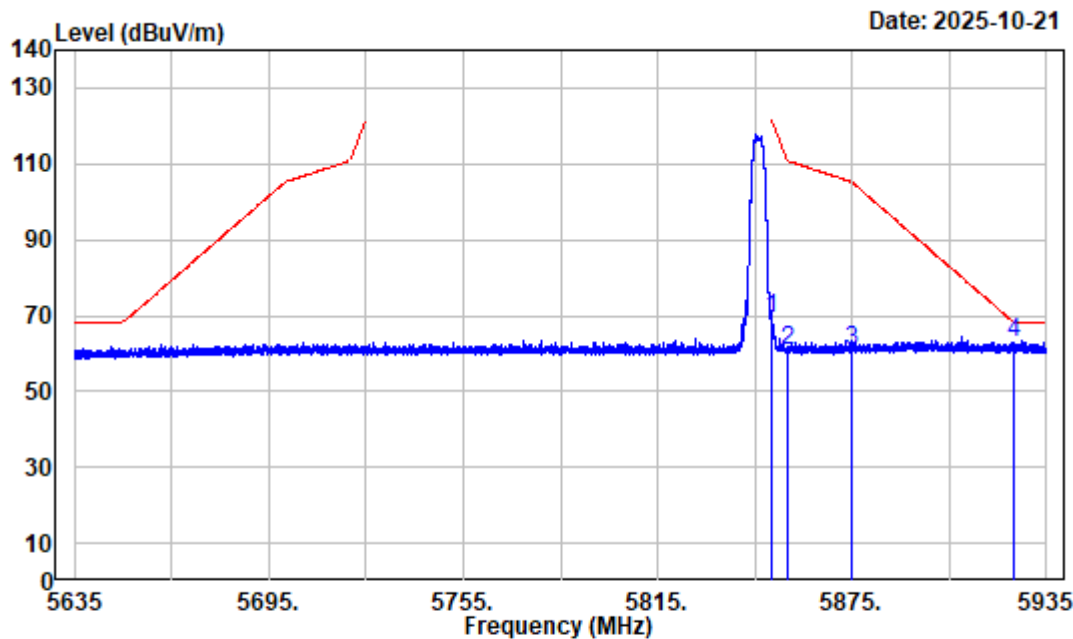
5.8G SRD 3MHz High Channel CP1 Bandedge _HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 3M High Channel 5846MHz Bandedge CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 5850.000	-4.54	67.21	62.67	122.20	-59.53	peak
2 5855.000	-4.48	66.00	61.52	110.80	-49.28	peak
3 5875.000	-4.20	64.80	60.60	105.20	-44.60	peak
4 5925.000	-4.27	66.25	61.98	68.20	-6.22	peak

5.8G SRD 10MHz High Channel CP1 Bandedge _VERTICAL

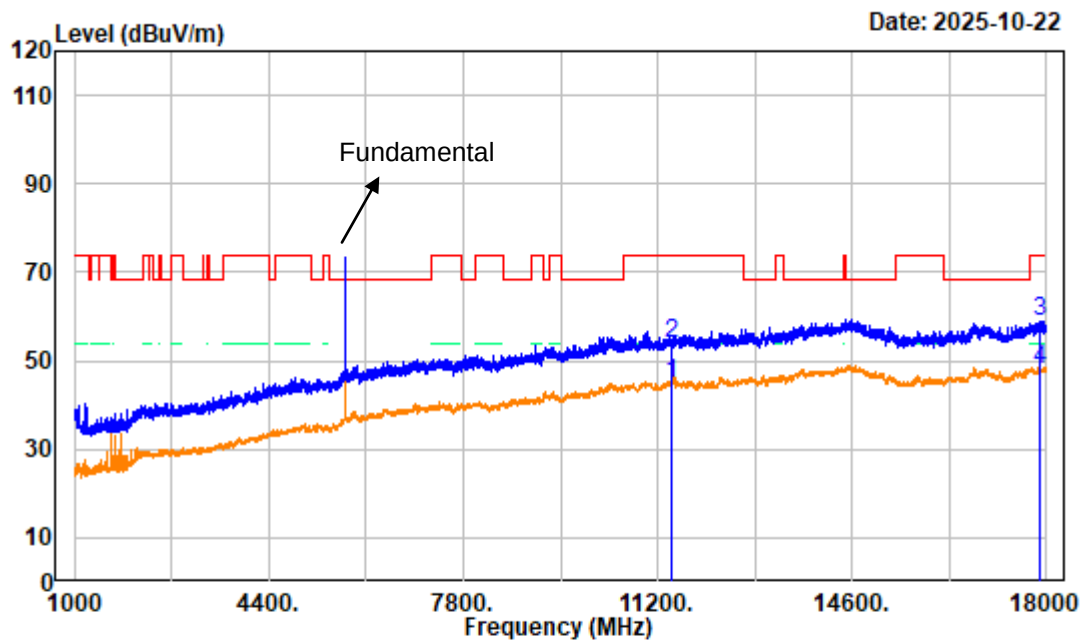


Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 3M High Channel 5846MHz Bandedge CP1
SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq	Factor	Read Level	Level	Limit	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	5850.000	-4.54	73.78	69.24	122.20	-52.96	peak
2	5855.000	-4.48	65.20	60.72	110.80	-50.08	peak
3	5875.000	-4.20	65.14	60.94	105.20	-44.26	peak
4	5925.000	-4.27	67.26	62.99	68.20	-5.21	peak

1-18GHz (Listed with the worst harmonic margin test plot)

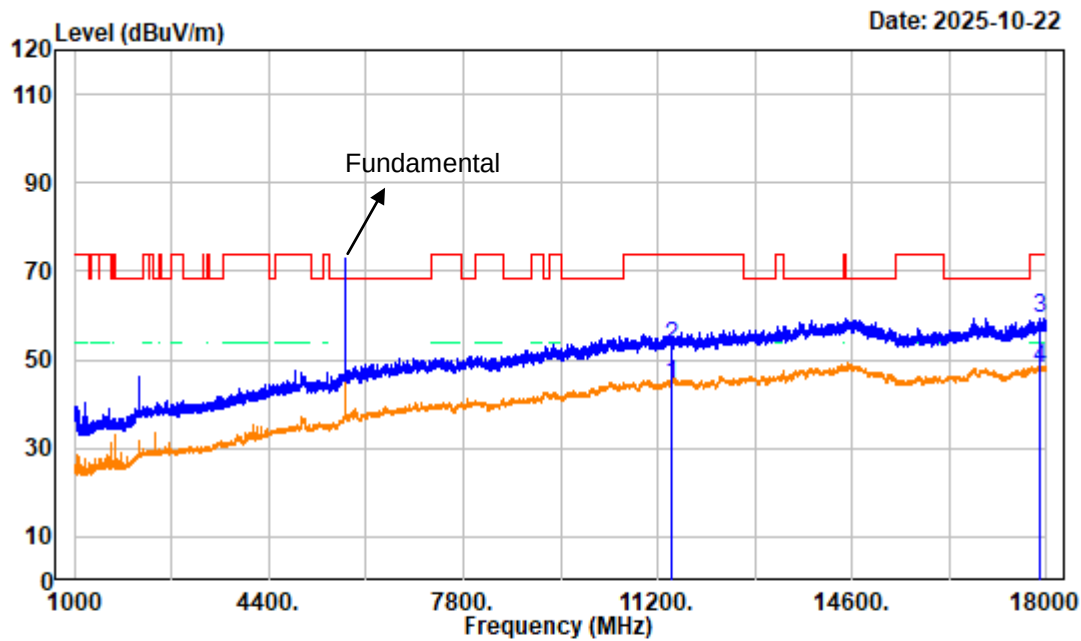
5.8G SRD 5MHz Low Channel CP0 1-18G _HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 5M Low Channel 5730MHz 1-18GHz CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz		dB/m	dBuV	dBuV/m	dBuV/m	
1 11460.000	5.47	39.57	45.04	54.00	-8.96	Average
2 11460.000	5.47	48.50	53.97	74.00	-20.03	Peak
3 17891.630	8.27	50.75	59.02	74.00	-14.98	Peak
4 17891.630	8.27	39.55	47.82	54.00	-6.18	Average

5.8G SRD 5MHz Low Channel CP0 1-18G _VERTICAL

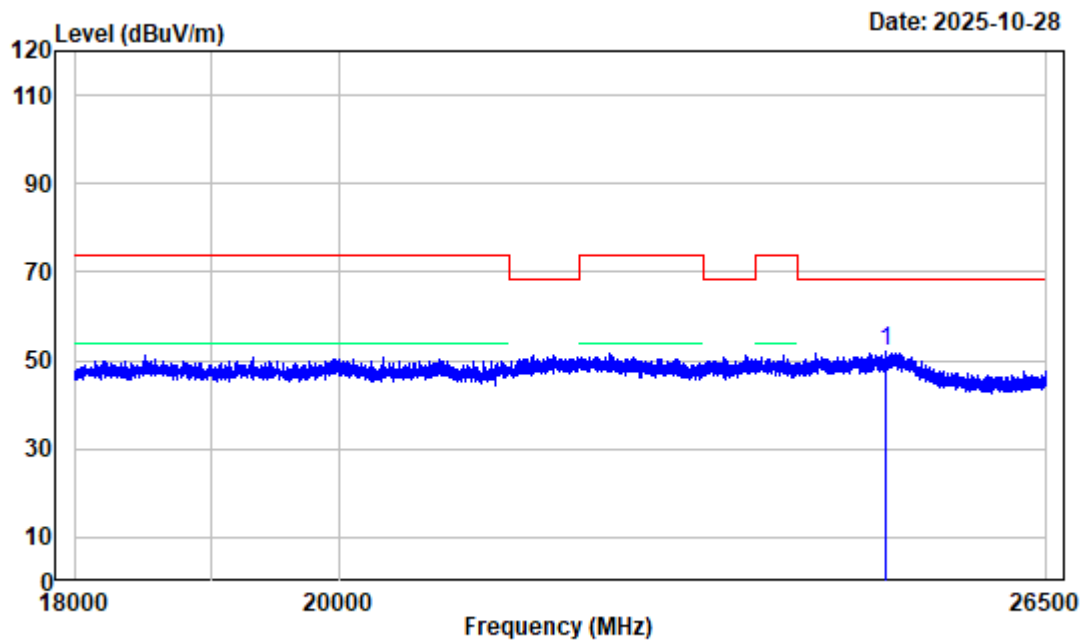


Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 5M Low Channel 5730MHz 1-18GHz CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 11460.000	5.47	38.80	44.27	54.00	-9.73	Average
2 11460.000	5.47	47.55	53.02	74.00	-20.98	Peak
3 17883.130	8.29	51.15	59.44	74.00	-14.56	Peak
4 17883.130	8.29	39.58	47.87	54.00	-6.13	Average

18-40GHz (Only Listed with the worst harmonic margin test plot)

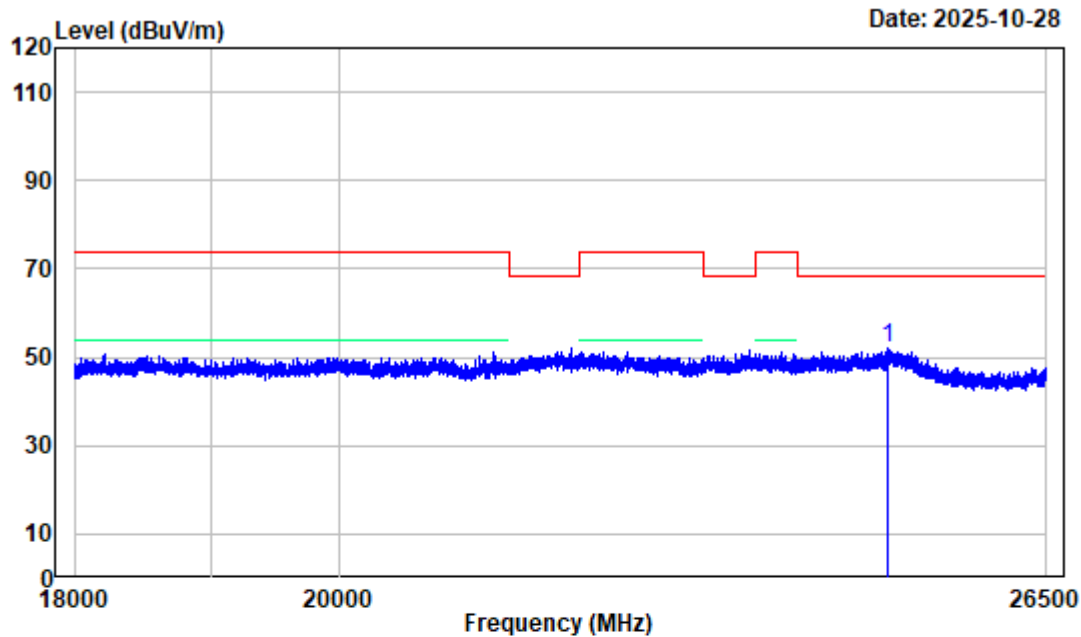
5.8G SRD 5MHz Low Channel CP0 18-26.5G_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 5M Low Channel 5730MHz 18HGz-26.5GHz CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 24854.190	4.00	48.02	52.02	68.20	-16.18	Peak

5.8G SRD 5MHz Low Channel CP0 18-26.5G_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504X06145E-RF

Test Mode : Transmitting

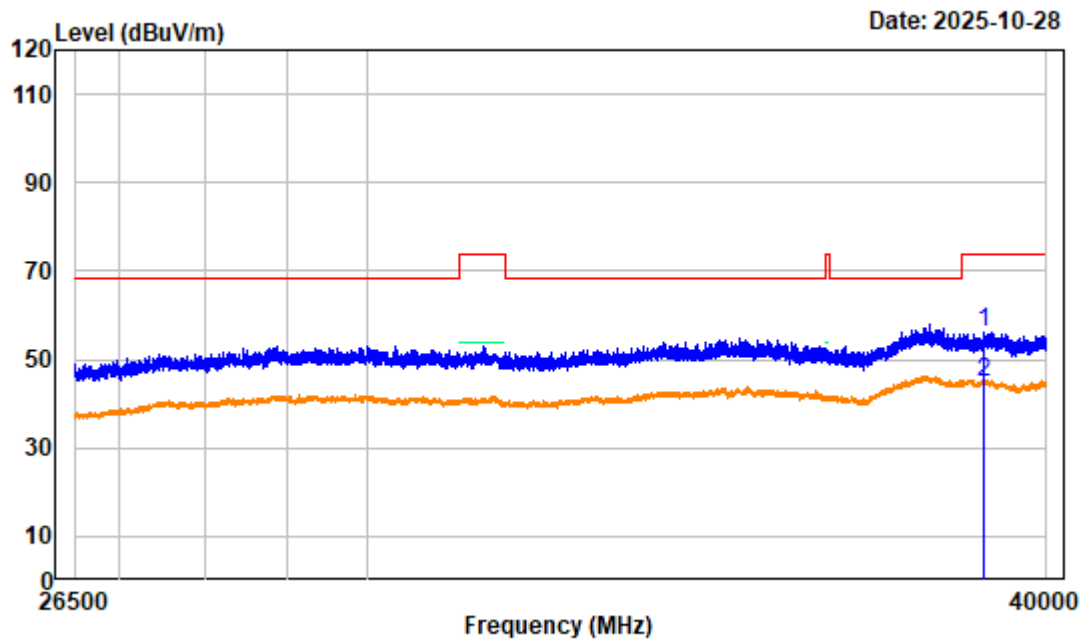
Tester:Kevin Lv

Note : 5.8G SRD 5M Low Channel 5730MHz 18HGz-26.5GHz CP0

SA setting : Peak:RBW:1MHz,VBW:3MHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 24870.130	4.02	47.97	51.99	68.20	-16.21	Peak

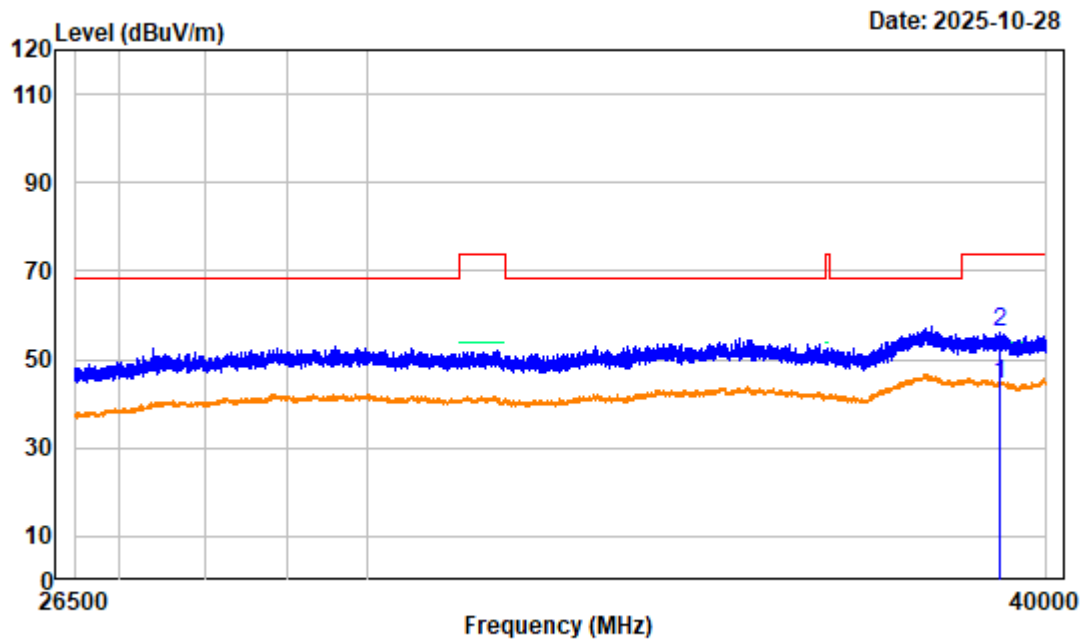
5.8G SRD 5MHz Low Channel CP0 26.5-40G_HORIZONTAL



Site : chamber
Condition : 3m HORIZONTAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 5M Low Channel 5730MHz 26.5HGz-40GHz CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 38955.440	6.28	49.94	56.22	74.00	-17.78	Peak
2 38955.440	6.28	38.68	44.96	54.00	-9.04	Average

5.8G SRD 5MHz Low Channel CP0 26.5-40G_VERTICAL



Site : chamber
Condition : 3m VERTICAL
Project No.: 2504X06145E-RF
Test Mode : Transmitting Tester:Kevin Lv
Note : 5.8G SRD 5M Low Channel 5730MHz 26.5HGz-40GHz CP0
SA setting : Peak:RBW:1MHz,VBW:3MHz Ave:RBW:1MHz,VBW:5kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1 39203.500	5.30	39.17	44.47	54.00	-9.53	Average
2 39203.500	5.30	50.80	56.10	74.00	-17.90	Peak

CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

According to FCC §15.407(a)

For an indoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

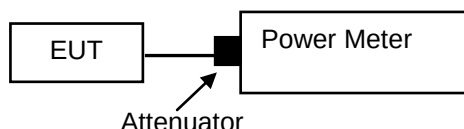
For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

According to KDB789033 D02 section II.E.3.a).

1. Place the EUT on a bench 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 one test equipment.
3. Add a correction factor to the display.



Test Data

Test Result: Compliance. Please refer to the Appendix.

APPENDIX

Test Information:

Sample No.:	3B29-2	Test Date:	2025-11-18
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cayde Hou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.7	Relative Humidity: (%)	51	ATM Pressure: (kPa)	101.1
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Spot Check With Maximum Conducted Output Power

Mode	Antenna	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
3M QPSK	Chain 0	5729	21.26	30	Pass
		5789	21.15	30	Pass
		5846	20.45	30	Pass
	Chain 1	5729	22.20	30	Pass
		5789	21.39	30	Pass
		5846	20.76	30	Pass
	Chain 0+Chain 1	5729	24.77	30	Pass
		5789	24.28	30	Pass
		5846	23.62	30	Pass

Note 1: The Maximum Antenna gain is 4.6dBi[#].

Note 2: The device employed Cyclic Delay Diversity (CDD) for MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on the devices:

Array Gain = 0 dB (i.e., no array gain) for N_{ANT} ≤ 4
So: Directional gain=4.6dBi <6dBi

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2504X06145E-RF EUT External Photos and Attachment No.2 2504X06145E-RF EUT Internal Photos.

EXHIBIT B-TEST SETUP PHOTOGRAPHS

Please refer to the Attachment No.3 2504X06145E-RFA Test Photos.

******* END OF REPORT *******