



TEST REPORT

Eurofins KCTL Co.,Ltd. 65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea TEL: 82-70-5008-1021 FAX: 82-505-299-8311 www.kctl.co.kr	Report No.: KR25-SRF0041 Page(1) of (97)	KCTL
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1. Client

- Name : Samsung Electronics Co., Ltd.
- Address : 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
- Date of Receipt : 2024-12-10

2. Use of Report : Certification

3. Name of Product / Model : Tablet PC / SM-X358U

4. Manufacturer / Country of Origin : Samsung Electronics Co., Ltd. / Vietnam

5. FCC ID : A3LSMX358U

6. Date of Test : 2025-01-02 to 2025-03-19

7. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing
 (Address: 65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea)

8. Test method used : FCC Part 15 Subpart C, 15.247

9. Test Result : Refer to the test result in the test report

Affirmation	Tested by Name : Euijung Kim (Signature)	Technical Manager Name : Harim Lee (Signature)
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2025-03-21

Eurofins KCTL Co.,Ltd.

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REPORT REVISION HISTORY

Date	Revision	Page No
2025-03-21	Originally issued	-

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General remarks for test reports

Statement concerning the uncertainty of the measurement systems used for the tests

(may be required by the product standard or client)

☐ Internal procedure used for type testing through which traceability of the measuring uncertainty has been established:

Procedure number, issue date and title:

Calculations leading to the reported values are on file with the testing laboratory that conducted the testing.

☒ Statement not required by the standard or client used for type testing

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2.1. Frequency/channel operations

This device contains the following capabilities:

WLAN (11ax)

Ch.	Frequency (MHz)
01	2 412
..	..
06	2 437
..	..
11	2 462
12	2 467
13	2 472

Table 2.1-1. 802.11ax HE20 mode

2.2. RU allocations

BW (MHz)	Tones (T)	RU offset	Test RU offset		
			Low	Mid	High
20	26	0 ~ 8	0	4	8
	52	37 ~ 40	37	38	40
	106	53 ~ 54	53	-	54
	242	61 / SU	-	61 / -	-

2.3. Simultaneous Tx Condition

The device supports simultaneous transmission operation, which allows for two channels to operate independent of one another in the Bluetooth, WLAN 2.4GHz, 5 GHz or 6 GHz bands simultaneously on each antenna.

Simultaneous Tx condition – not RSDB

Mode	# of TX	WLAN 2.4 GHz		WLAN 5, 6 GHz		Bluetooth		Report
		ANT 1	ANT 2	ANT 1	ANT 2	ANT 1	ANT 2	
WLAN + Bluetooth	2	-	O	-	-	O	-	√
WLAN + Bluetooth	3	-	-	O	O	O	-	-
WLAN + Bluetooth	3	-	-	O	O	-	O	-

Notes.

1. Simultaneous condition was performed as a worst case which is configured as a combination of lowest margin for each mode during radiated spurious emission.

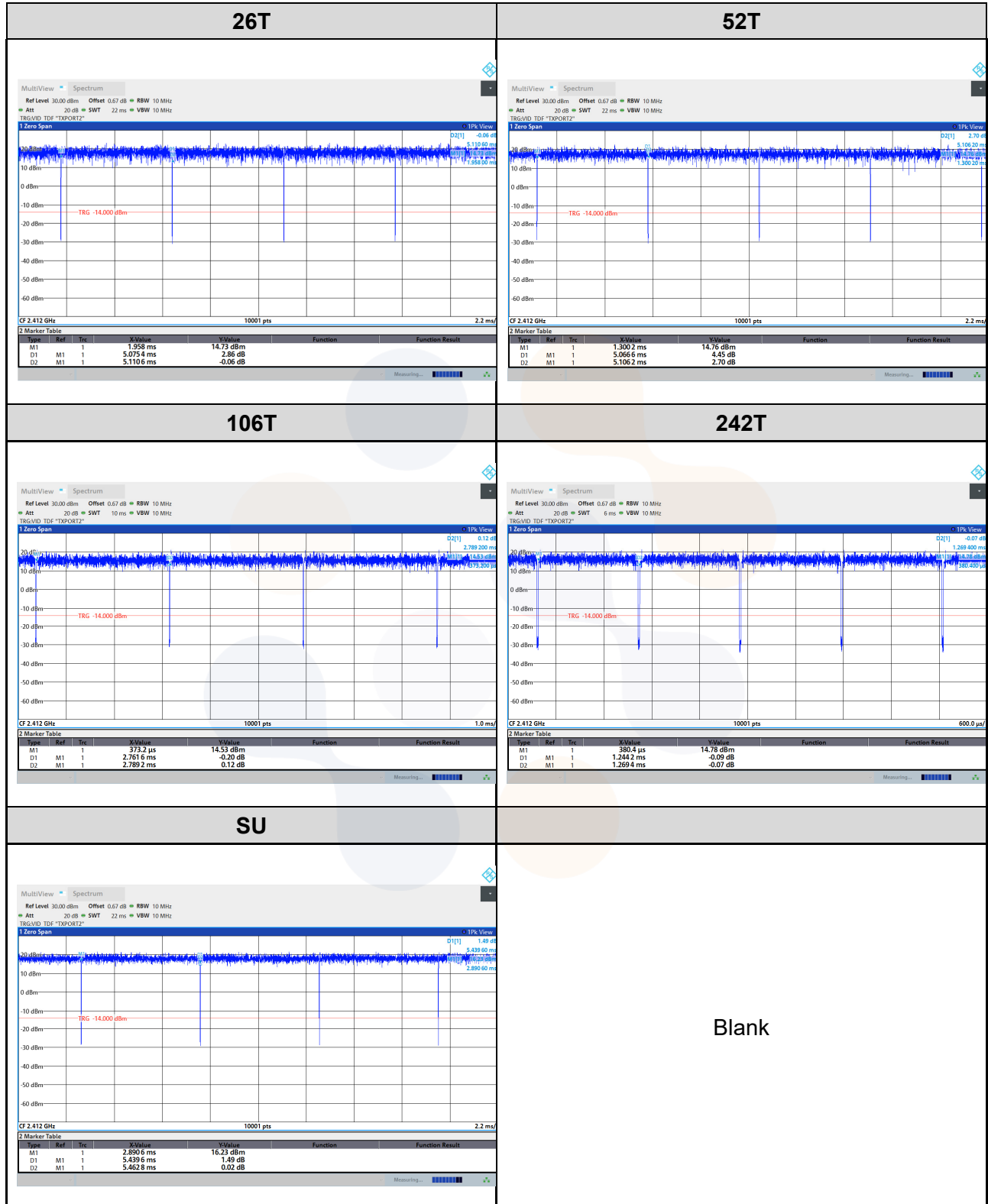
2.4. Duty Cycle Factor

Test mode	Tone	Period (ms)	T _{on} time (ms)	Duty cycle		Duty Cycle Factor (dB)
				(Linear)	(%)	
SISO_ANT2 802.11ax HE20	26T	5.111	5.075	0.993 0	99.30	0.03
	52T	5.106	5.067	0.992 4	99.24	0.03
	106T	2.789	2.762	0.990 3	99.03	0.04
	242T	1.269	1.244	0.980 3	98.03	0.09
	SU	5.463	5.440	0.995 8	99.58	0.02
MIMO 802.11ax HE20	26T	2.617	2.595	0.991 6	99.16	0.04
	52T	2.615	2.591	0.990 8	99.08	0.04
	106T	1.453	1.431	0.984 9	98.49	0.07
	242T	0.699	0.675	0.965 7	96.57	0.15
	SU	5.479	5.452	0.995 1	99.51	0.02

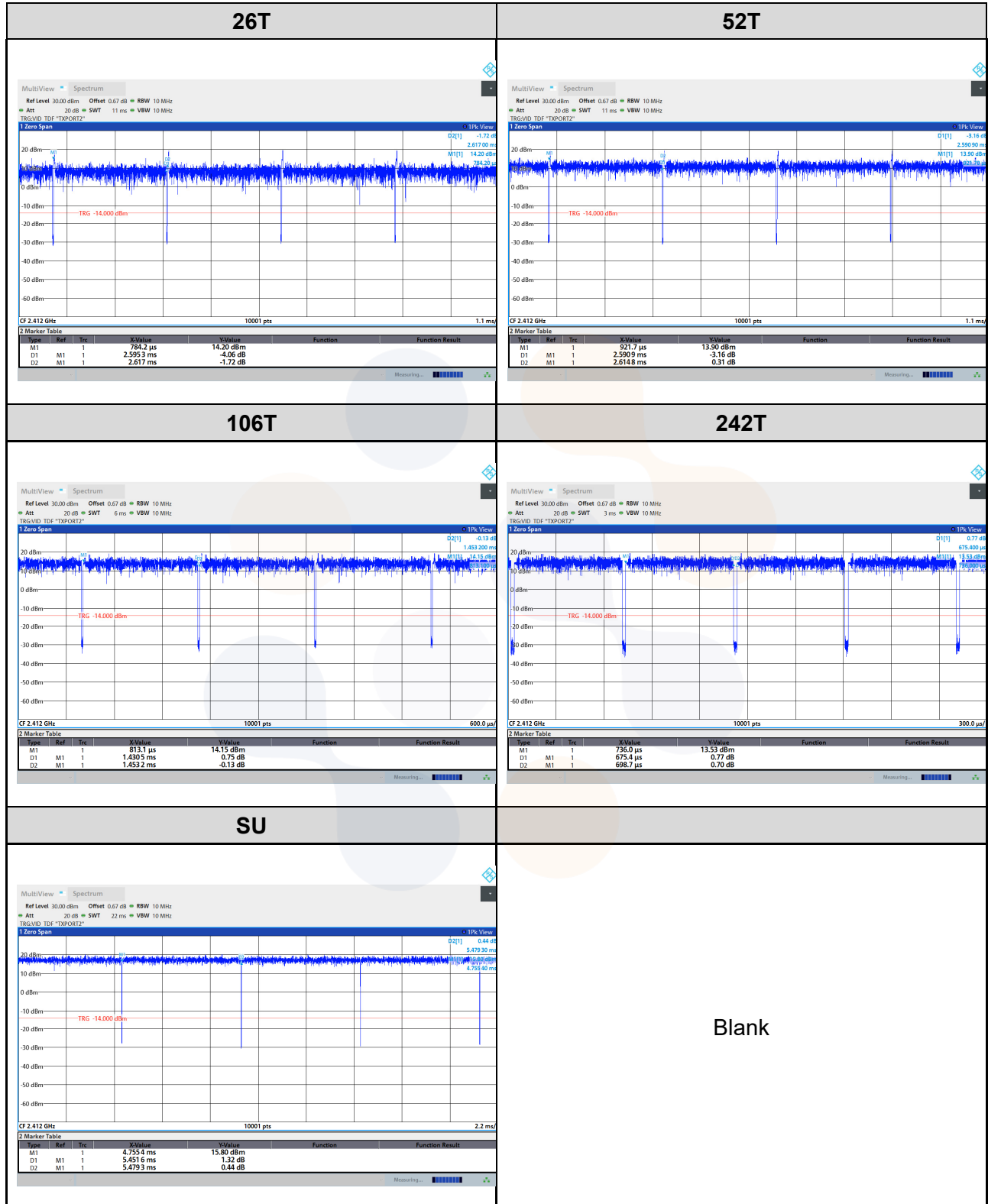
Notes.

1. Duty cycle (Linear) = T_{on} time / Period
2. DCF(Duty cycle factor) = 10log(1/duty cycle)
3. DCF is not compensated to Average result if duty cycle is more than 98%

SISO



MIMO



3. Antenna requirement

Requirement of FCC part section 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 transmitter has permanently attached LDS Antenna (Internal antenna) on board.

3.1 Antenna information

Mode	SISO		CDD	SDM
	ANT 1	ANT 2	ANT 1 + 2	ANT 1 + 2
802.11ax HE20	×	√	√	√

√ = Support, × = Not support

3.2 Directional Gain Calculations

According to clause F), 2), d), (ii) of KDB 662911 D01 Multiple Transmitter Output, Directional gain may be calculated by using the formulas as below.

Directional Antenna Gain

ANT 1 Gain (dBi)	ANT 2 Gain (dBi)	Combined Gain (dBi)
-4.50	-4.00	-1.24

Correlated_CDD

ANT 1 Gain (dBi)	ANT 2 Gain (dBi)	Combined Gain (dBi)
-4.50	-4.00	-4.24

Uncorrelated_SDM

Note.

1. Correlated_CDD

Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1, G_2, \dots, G_N$ dBi

Directional gain = $10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dB i

Sample calculation

Directional gain = $10 \log[(10^{-4.50/20} + 10^{-4.00/20})^2 / 2] = -1.24$ dB i

2. Uncorrelated_SDM

Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1, G_2, \dots, G_N$ dBi

Directional gain = $10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}]$ dB i

Sample calculation

Directional gain = $10 \log[(10^{-4.50/10} + 10^{-4.00/10}) / 2] = -4.24$ dB i

4. Summary of tests

FCC Part section(s)	Parameter	Test Condition	Test results
15.247(b)(3)	Maximum peak output power	Conducted	Pass
15.247(e)	Peak power spectral density		Pass
15.247(a)(2)	6 dB channel bandwidth		Pass
-	Occupied Bandwidth		Pass
15.207(a)	AC Conducted Emissions		Pass
15.247(d)	Conducted Spurious Emissions		Pass
15.205(a), 15.209(a)	Spurious emission	Radiated	Pass
	Band-edge, restricted band		Pass

Notes:

- All modes of operation and data rates were investigated. The test results shown in the following sections represent the worst case emissions.
- According to exploratory test no any obvious emission were detected from 9 kHz to 30 MHz. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.
- EUT was investigated in three orthogonal orientations X, Y and Z. it was determined that Y orientation was worst-case orientation. Therefore, all final radiated testing was performed with the EUT in Y orientation.
- All configurations have been performed (Stand-alone, Stand-alone with TA, With accessories).
 - Accessory type: S-pen, TA, DLC, Protective cover
 - Worst case: Stand-alone
- The test procedure(s) in this report were performed in accordance as following.
 - ◆ ANSI C63.10-2013
 - ◆ KDB 558074 D01 v05r02
 - ◆ KDB 662911 D01 v02r01
- The worst-case data rate were : 802.11ax HE20 mode : MCS0

5. Measurement uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2013.

All measurement uncertainty values are shown with a coverage factor of $k=2$ to indicated a 95 % level of confidence. The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded uncertainty ($\pm$)	
Conducted RF Power	0.9 dB	
Conducted spurious emission	2.0 dB	
Radiated Emissions	Below 30 MHz	2.3 dB
	30 MHz to 1 000 MHz	2.6 dB
	1 000 MHz to 18 000 MHz	4.8 dB
	Above 18 000 MHz	4.8 dB
Conducted Emissions	150 kHz ~ 30 MHz	2.9 dB

6. Measurement results explanation example

The offset level is set in the spectrum analyzer to compensate the RF cable loss factor between EUT conducted output port and spectrum analyzer.

With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

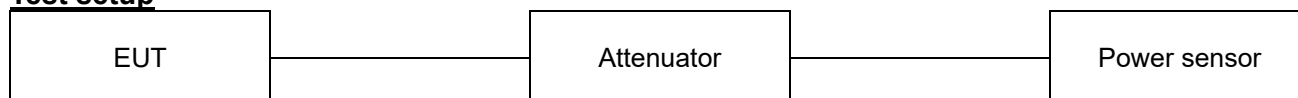
Frequency (MHz)	Factor(dB)	Frequency (MHz)	Factor(dB)
30	10.28	9 000	13.38
50	9.72	10 000	13.92
100	10.67	11 000	13.79
200	10.18	12 000	13.47
300	9.89	13 000	13.28
400	9.75	14 000	13.30
500	10.06	15 000	13.34
600	10.56	16 000	13.34
700	11.06	17 000	13.31
800	11.74	18 000	13.48
900	12.40	19 000	13.51
1 000	12.65	20 000	13.40
2 000	13.33	21 000	13.50
3 000	12.96	22 000	13.56
4 000	13.08	23 000	13.77
5 000	13.48	24 000	14.12
6 000	14.65	25 000	16.21
7 000	13.49	26 000	14.37
8 000	12.49	26 500	13.95

Note : Offset(dB) = RF cable loss(dB) + Attenuator(dB)

7. Test results

7.1. Maximum peak output power

Test setup



Limit

According to §15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2 400-2 483.5 MHz, and 5 725-5 850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

According to §15.247(b)(4), The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test procedure

ANSI C63.10 - Section 11.9

Used test method is section 11.9.1.3 and 11.9.2.3.1

Test settings

General

Section 15.247 permits the maximum conducted (average) output power to be measured as an alternative to the maximum peak conducted output power for demonstrating compliance to the limit. When this option is exercised, the measured power is to be referenced to the OBW rather than the DTS bandwidth (see ANSI C63.10 for measurement guidance).

When using a spectrum analyzer or EMI receiver to perform these measurements, it shall be capable of utilizing a number of measurement points in each sweep that is greater than or equal to twice the span/RBW to set a bin-to-bin spacing of $\leq \text{RBW}/2$ so that narrowband signals are not lost between frequency bins.

If possible, configure or modify the operation of the EUT so that it transmits continuously at its maximum power control level. The intent is to test at 100 % duty cycle; however a small reduction in duty cycle (to no lower than 98 %) is permitted, if required by the EUT for amplitude control purposes. Manufacturers are expected to provide software to the test lab to permit such continuous operation.

If continuous transmission (or at least 98 % duty cycle) cannot be achieved due to hardware limitations (e.g., overheating), the EUT shall be operated at its maximum power control level, with the transmit duration as long as possible, and the duty cycle as high as possible during which sweep triggering/signal gating techniques may be used to perform the measurement over the transmission duration.

11.9.1. Maximum peak conducted output power

One of the following procedures may be used to determine the maximum peak conducted output power of a DTS EUT.

11.9.1.1. RBW $\geq$ DTS bandwidth

The following procedure shall be used when an instrument with a resolution bandwidth that is greater than the DTS bandwidth is available to perform the measurement:

- a) Set the RBW $\geq$ DTS bandwidth.
- b) Set VBW $\geq [3 \times \text{RBW}]$.
- c) Set span $\geq [3 \times \text{RBW}]$.
- d) Sweep time = auto couple.
- e) Detector = peak.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use peak marker function to determine the peak amplitude level.

11.9.1.3. PKPM1 Peak power meter method

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

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11.9.2.3.1. Measurement using a power meter (PM)

Method AVGPM is a measurement using an RF average power meter, as follows:

- a) As an alternative to spectrum analyzer or EMI receiver measurements, measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied:
 - 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
 - 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
 - 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- b) If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal as described in 11.6.
- c) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- d) Adjust the measurement in dBm by adding $[10 \log(1/D)]$, where D is the duty cycle

Notes:

A peak responding power sensor is used, where the power sensor system video bandwidth is greater than the occupied bandwidth of the EUT.

Test results

SISO_ANT2

Frequency (MHz)	Tone	RU offset	Measured output power					Limit (dBm)
			Reading (dBm)		DCF (dB)	Result (dBm)		
			Peak	Average		Peak	Average	
2 412	26T	0	21.67	12.38	-	21.67	12.38	30.00
		4	21.66	12.04	-	21.66	12.04	
		8	21.69	12.04	-	21.69	12.04	
	52T	37	25.04	14.38	-	25.04	14.38	
		38	25.03	14.14	-	25.03	14.14	
		40	25.07	13.70	-	25.07	13.70	
	106T	53	23.64	14.28	-	23.64	14.28	
		54	23.65	13.89	-	23.65	13.89	
	242T	61	23.12	13.07	0.09	23.12	13.16	
	SU	-	21.18	13.29	-	21.18	13.29	
2 437	26T	0	22.10	12.46	-	22.10	12.46	
		4	22.65	11.83	-	22.65	11.83	
		8	22.09	12.30	-	22.09	12.30	
	52T	37	24.28	15.18	-	24.28	15.18	
		38	24.28	14.91	-	24.28	14.91	
		40	24.26	15.10	-	24.26	15.10	
	106T	53	24.27	15.14	-	24.27	15.14	
		54	24.24	15.02	-	24.24	15.02	
	242T	61	24.17	15.02	0.09	24.17	15.11	
	SU	-	22.27	15.16	-	22.27	15.16	
2 462	26T	0	21.79	12.85	-	21.79	12.85	
		4	21.76	12.24	-	21.76	12.24	
		8	21.74	11.95	-	21.74	11.95	
	52T	37	24.42	14.31	-	24.42	14.31	
		38	24.46	13.90	-	24.46	13.90	
		40	22.51	13.20	-	22.51	13.20	
	106T	53	22.52	13.85	-	22.52	13.85	
		54	24.38	13.48	-	24.38	13.48	
	242T	61	19.97	9.92	0.09	19.97	10.01	
	SU	-	17.68	10.15	-	17.68	10.15	

Frequency (MHz)	Tone	RU offset	Measured output power					Limit (dBm)
			Reading (dBm)		DCF (dB)	Result (dBm)		
			Peak	Average		Peak	Average	
2 467	26T	0	13.09	2.62	-	13.09	2.62	30.00
		4	13.04	1.84	-	13.04	1.84	
		8	13.09	1.45	-	13.09	1.45	
	52T	37	13.04	2.47	-	13.04	2.47	
		38	12.95	2.04	-	12.95	2.04	
		40	12.96	1.36	-	12.96	1.36	
	106T	53	13.19	2.50	-	13.19	2.50	
		54	13.10	1.63	-	13.10	1.63	
	242T	61	13.12	1.90	0.09	13.12	1.99	
	SU	-	10.23	2.23	-	10.23	2.23	
2 472	26T	0	4.45	-5.81	-	4.45	-5.81	
		4	4.13	-6.95	-	4.13	-6.95	
		8	4.20	-7.37	-	4.20	-7.37	
	52T	37	6.14	-4.07	-	6.14	-4.07	
		38	6.13	-4.64	-	6.13	-4.64	
		40	6.14	-5.40	-	6.14	-5.40	
	106T	53	8.04	-2.27	-	8.04	-2.27	
		54	7.89	-3.38	-	7.89	-3.38	
	242T	61	9.35	-1.36	0.09	9.35	-1.27	
	SU	-	7.46	-0.33	-	7.46	-0.33	

Notes:

1. Average result(dB m) = Average Reading (dB m) + DCF(dB)

MIMO

Frequency (MHz)	Tone	RU offset	Measured output power							Limit (dBm)
			Reading (dBm)				DCF (dB)	Result (dBm)		
			Peak		Average			Peak	Average	
			ANT 1	ANT 2	ANT 1	ANT 2				
2 412	26T	0	22.54	21.77	11.40	12.52	-	25.18	15.00	
		4	22.60	21.77	11.29	12.19	-	25.22	14.77	
		8	22.73	21.78	12.02	12.14	-	25.29	15.09	
	52T	37	24.82	22.77	13.19	14.10	-	26.93	16.68	
		38	24.55	22.76	13.03	13.95	-	26.76	16.52	
		40	24.41	22.76	13.60	13.81	-	26.68	16.72	
	106T	53	22.69	22.73	13.12	14.06	-	25.72	16.62	
		54	22.56	22.76	13.56	13.81	-	25.67	16.70	
	242T	61	22.41	22.13	12.28	12.98	0.15	25.28	15.80	
	SU	-	20.05	20.27	12.44	13.27	-	23.17	15.88	
2 437	26T	0	22.15	23.19	13.00	12.61	-	25.71	15.82	30.00
		4	22.13	23.12	12.10	11.92	-	25.67	15.02	
		8	22.09	23.24	11.98	12.39	-	25.71	15.20	
	52T	37	24.19	25.19	15.61	15.32	-	27.72	18.47	
		38	24.17	24.90	15.30	14.98	-	27.56	18.15	
		40	24.15	25.19	14.87	15.04	-	27.71	17.96	
	106T	53	24.08	24.05	15.53	15.52	-	27.07	18.54	
		54	23.91	23.75	14.99	15.45	-	26.84	18.24	
	242T	61	23.94	24.31	15.16	15.11	0.15	27.14	18.29	
	SU	-	22.34	22.25	15.59	15.10	-	25.31	18.36	
2 462	26T	0	22.82	21.76	12.12	12.84	-	25.33	15.51	
		4	22.76	21.77	11.56	12.29	-	25.30	14.95	
		8	22.76	21.73	11.81	11.98	-	25.29	14.91	
	52T	37	24.31	22.58	13.27	13.98	-	26.54	16.65	
		38	23.87	22.61	12.94	13.72	-	26.29	16.36	
		40	23.81	22.56	13.03	13.27	-	26.24	16.16	
	106T	53	23.07	22.50	13.08	13.89	-	25.80	16.51	
		54	23.23	22.54	13.05	13.45	-	25.91	16.26	
	242T	61	20.29	19.57	9.66	9.97	0.15	22.96	12.98	
	SU	-	17.90	17.69	9.89	10.26	-	20.80	13.09	

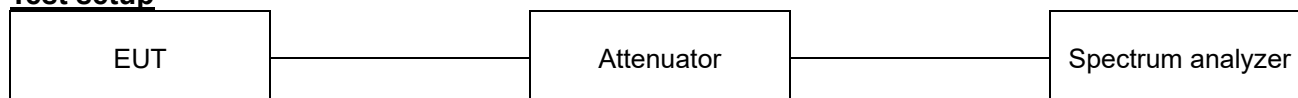
Frequency (MHz)	Tone	RU offset	Measured output power							Limit (dBm)
			Reading (dBm)				DCF (dB)	Result (dBm)		
			Peak		Average			Peak	Average	
			ANT 1	ANT 2	ANT 1	ANT 2				
2 467	26T	0	12.86	13.17	1.80	2.75	-	16.03	5.31	30.00
		4	12.87	13.13	1.44	1.88	-	16.01	4.68	
		8	12.80	13.15	1.55	1.52	-	15.99	4.54	
	52T	37	12.90	13.07	1.59	2.40	-	16.00	5.02	
		38	12.97	13.15	1.53	2.07	-	16.07	4.82	
		40	12.76	13.15	1.40	1.43	-	15.97	4.43	
	106T	53	13.40	13.17	2.37	2.35	-	16.30	5.37	
		54	13.51	13.31	2.23	1.71	-	16.42	4.98	
	242T	61	13.46	13.23	2.25	2.09	0.15	16.35	5.33	
	SU	-	10.36	10.20	2.53	2.25	-	13.29	5.40	
2 472	26T	0	4.52	4.13	-5.51	-5.86	-	7.34	-2.67	
		4	4.62	4.24	-6.39	-6.95	-	7.44	-3.65	
		8	4.52	4.14	-7.36	-7.49	-	7.34	-4.41	
	52T	37	6.77	6.20	-3.63	-4.16	-	9.50	-0.88	
		38	6.79	6.09	-3.97	-4.75	-	9.47	-1.33	
		40	6.79	6.11	-4.90	-5.56	-	9.47	-2.21	
	106T	53	8.48	8.16	-1.94	-2.41	-	11.33	0.84	
		54	8.53	8.02	-2.89	-3.34	-	11.29	-0.10	
	242T	61	9.95	9.41	-0.88	-1.39	0.15	12.70	2.04	
	SU	-	7.68	7.64	-0.16	-0.15	-	10.67	2.86	

Notes:

1. Peak result(dB m) = $10\log(10^{(ANT1/10)} + 10^{(ANT2/10)})$ (dB m)
2. Average result(dB m) = $10\log(10^{(ANT1/10)} + 10^{(ANT2/10)})$ (dB m) + DCF(dB)

7.2. Peak Power Spectral Density

Test setup



Limit

According to §15.247(e), for digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

Test procedure

ANSI C63.10 - Section 11.10.2

Test settings

Method PKPSD (peak PSD)

The following procedure shall be used if maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:

- 1) Set analyzer center frequency to DTS channel center frequency.
- 2) Set the span to 1.5 times the DTS bandwidth.
- 3) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- 4) Set the VBW $\geq 3 \times \text{RBW}$.
- 5) Detector = peak.
- 6) Sweep time = auto couple.
- 7) Trace mode = max hold.
- 8) Allow trace to fully stabilize.
- 9) Use the peak marker function to determine the maximum amplitude level within the RBW.
- 10) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

Test results

SISO_ANT2

Frequency (MHz)	Tone	RU offset	Results (dB m/ 3 kHz)	Limit (dBm/ 3kHz)
2 412	26T	0	-4.59	8.00
		4	-6.50	
		8	-6.26	
	52T	37	-7.82	
		38	-6.71	
		40	-7.61	
	106T	53	-8.56	
		54	-9.63	
2 437	26T	61	-14.39	
		-	-12.71	
		0	-5.76	
	52T	4	-7.45	
		8	-6.49	
		37	-6.82	
	106T	38	-5.68	
		40	-5.93	
2 462	26T	53	-8.65	
		54	-9.54	
		61	-13.10	
	52T	-	-12.65	
		0	-5.51	
		4	-7.39	
	106T	8	-7.87	
		37	-8.87	
2 467	26T	38	-8.72	
		40	-7.78	
		53	-11.14	
	52T	54	-11.45	
		61	-18.71	
		-	-16.66	
	106T	0	-14.72	
		4	-17.52	
2 472	26T	8	-18.51	
		37	-20.52	
		38	-19.41	
	52T	40	-20.59	
		53	-21.87	
	106T	54	-22.49	
		61	-25.98	
	SU	-	-24.67	
2 472	26T	0	-23.66	
		4	-26.19	
		8	-26.75	
	52T	37	-25.60	
		38	-25.04	
		40	-26.86	
	106T	53	-25.72	
		54	-27.49	
2 472	242T	61	-28.69	
	SU	-	-27.56	

MIMO

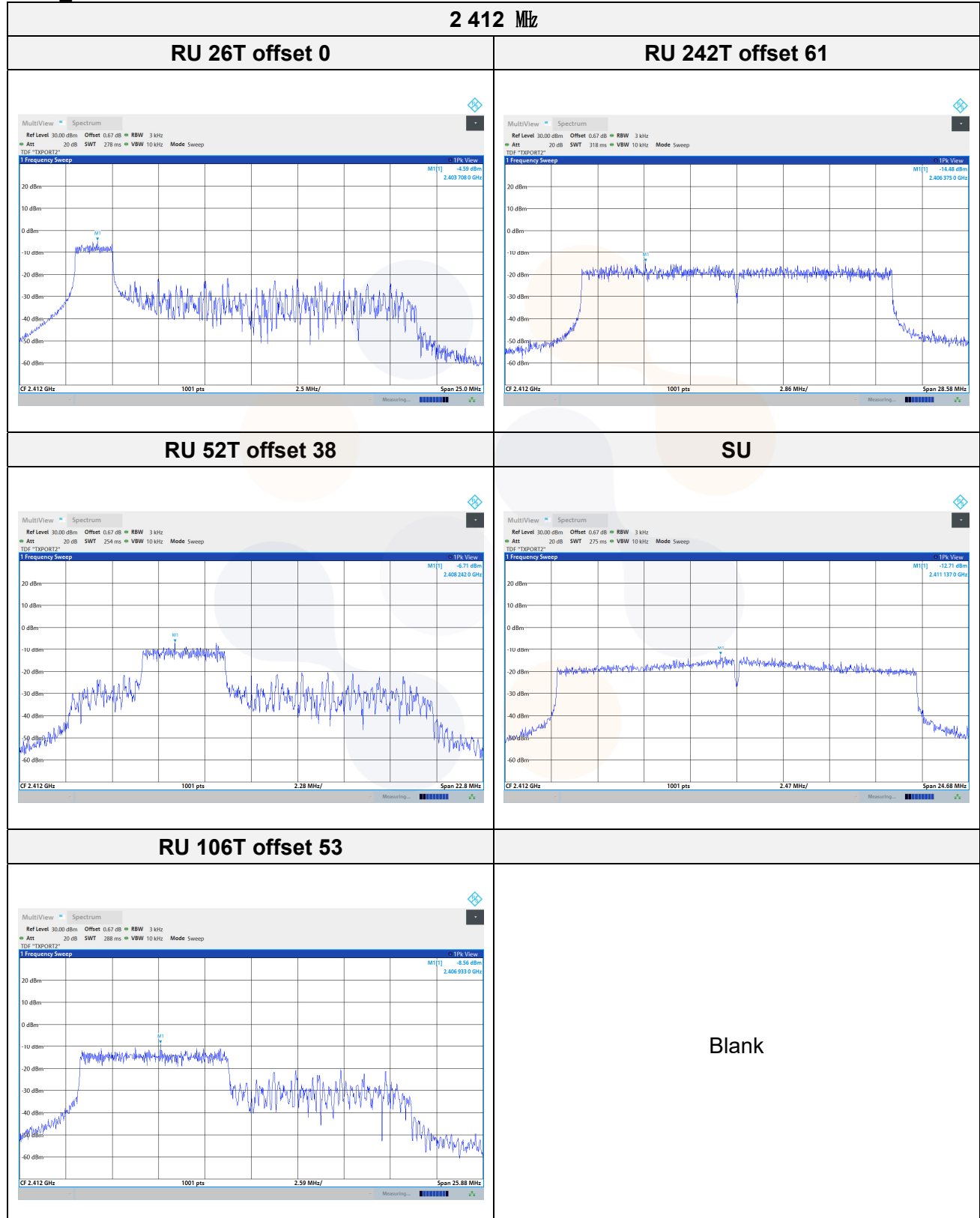
Frequency (MHz)	Tone	RU offset	Reading(dB m/ 3 kHz)		Result (dBm/ 3kHz)	Limit (dBm/ 3kHz)
			ANT 1	ANT 2		
2 412	26T	0	-6.64	-6.42	-3.52	8.00
		4	-8.25	-7.26	-4.72	
		8	-7.15	-5.48	-3.22	
	52T	37	-8.21	-8.11	-5.15	
		38	-9.03	-8.34	-5.66	
		40	-8.37	-9.04	-5.68	
	106T	53	-11.92	-10.52	-8.15	
		54	-11.56	-10.52	-8.00	
	242T	61	-15.01	-14.80	-11.89	
	SU	-	-12.88	-13.07	-9.96	
2 437	26T	0	-6.27	-5.52	-2.87	
		4	-7.41	-7.44	-4.41	
		8	-5.78	-5.64	-2.70	
	52T	37	-6.03	-7.09	-3.52	
		38	-6.63	-7.35	-3.96	
		40	-6.99	-5.35	-3.08	
	106T	53	-9.02	-9.90	-6.43	
		54	-10.32	-10.20	-7.25	
	242T	61	-12.22	-12.77	-9.48	
	SU	-	-10.53	-11.62	-8.03	
2 462	26T	0	-6.22	-5.60	-2.89	
		4	-7.63	-6.83	-4.20	
		8	-7.42	-7.07	-4.23	
	52T	37	-7.67	-7.37	-4.51	
		38	-8.50	-8.31	-5.39	
		40	-9.15	-9.64	-6.38	
	106T	53	-11.08	-10.90	-7.98	
		54	-11.15	-11.83	-8.47	
	242T	61	-16.33	-17.41	-13.83	
	SU	-	-15.10	-15.16	-12.12	
2 467	26T	0	-17.00	-15.89	-13.40	
		4	-17.82	-17.24	-14.51	
		8	-16.11	-17.46	-13.72	
	52T	37	-19.82	-20.04	-16.92	
		38	-20.12	-19.57	-16.83	
		40	-20.68	-21.25	-17.95	
	106T	53	-21.56	-22.23	-18.87	
		54	-22.26	-23.37	-19.77	
	242T	61	-25.52	-25.27	-22.38	
	SU	-	-23.66	-23.29	-20.46	
2 472	26T	0	-24.58	-23.43	-20.96	
		4	-24.87	-25.65	-22.23	
		8	-24.76	-26.15	-22.39	
	52T	37	-24.55	-25.35	-21.92	
		38	-25.28	-25.69	-22.47	
		40	-26.24	-27.34	-23.74	
	106T	53	-25.73	-26.85	-23.24	
		54	-27.50	-27.74	-24.61	
	242T	61	-27.32	-28.18	-24.72	
	SU	-	-25.17	-25.66	-22.40	

Notes:

1. Result(dB m) = $10\log(10^{(\text{Ant1}/10)} + 10^{(\text{ant2}/10)})$ (dB m)

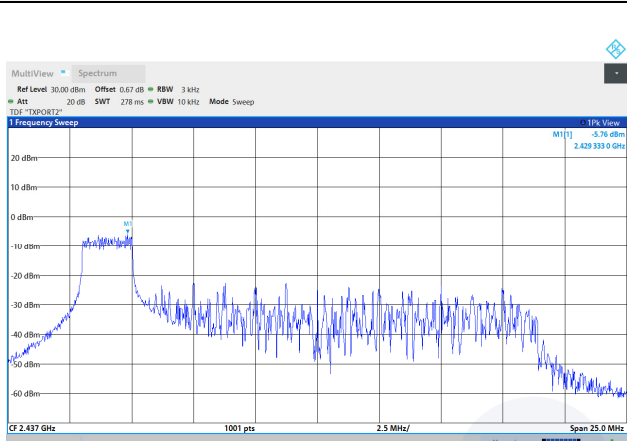
In order to simplify the report, attached plots were the worst case per each tone RU offset.

SISO_ANT2

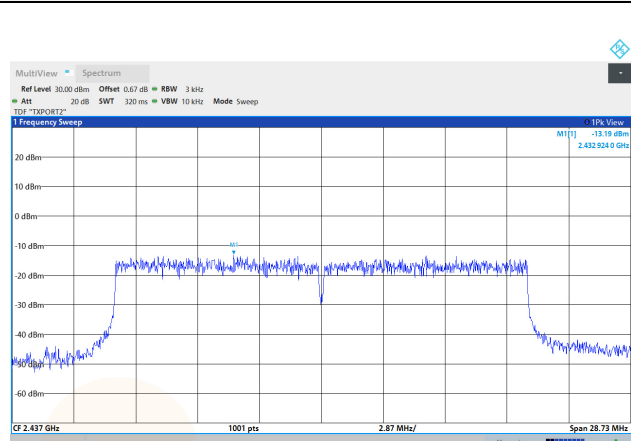


2 437 MHz

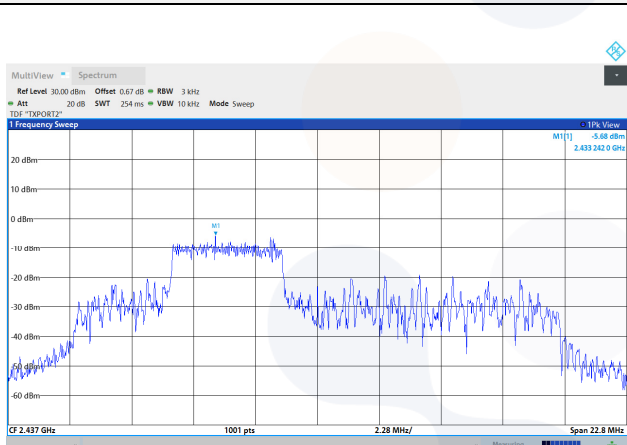
RU 26T offset 0



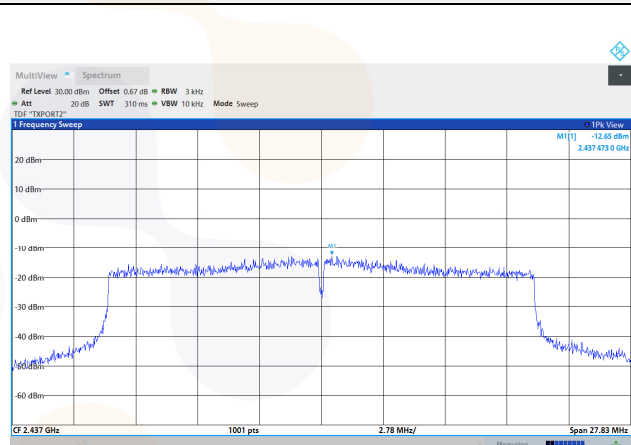
RU 242T offset 61



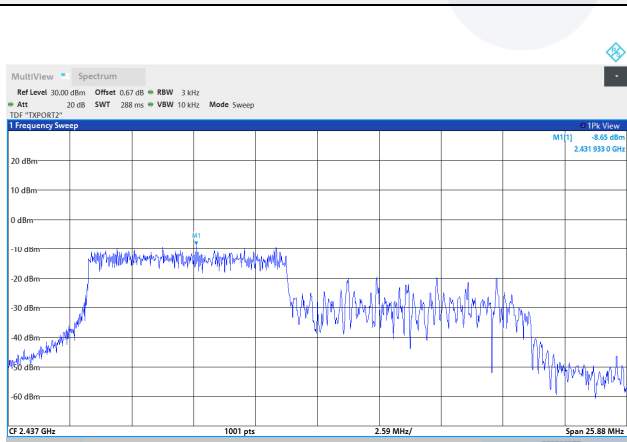
RU 52T offset 38



SU



RU 106T offset 53



Blank

