





Report No.: WSCT-ANAB-R&E241200079A-BT

Mahalalak Test Graphs Dwell 1-DH1 2402MHz One Burst Spectrum Analyzer 1 Swept SA SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) #Atten: 30 dB Preamp: Off Avg Type: Log-Power Trig: Video Trig Delay: -500.0 μs KEYSIGHT Input: RF w ₩ ₩ ₩ ₩ Align: Auto IF Gain: Low PNNNN ΔMkr1 382.0 μs Ref LvI Offset 2.26 dB Ref Level 20.00 dBm -0.74 dB Scale/Div 10 dB 1Δ2 Secretary and the fill of the state of the first of the fill of the state of the st Center 2.402000000 GHz Res BW 1.0 MHz Span 0 Hz Sweep 10.0 ms (10001 pts) #Video BW 3.0 MHz 5 Marker Table Function Value Function Function Width -0.74 dB 382.0 μs (Δ) -3.34 dBm 485.0 µs Jan 05, 2025 5:18:11 PM Dwell 1-DH1 2402MHz Accumulated 15 C SCPI Spectrum Analyzer 1 + . wept SA Input Z: 50 Ω #Atten: 30 dB KEYSIGHT Input: RF PNO: Fast Avg Type: Log-Power Trig: Free Run Corr CCorr Freq Ref: Int (S) Gate: Off IF Gain: Low Sig Track: Off Preamp: Off ₩₩₩₩₩ Align: Auto PNNNN 1 Spectrum Ref Lvl Offset 2.26 dB Scale/Div 10 dB Ref Level 20.00 dBm



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Dwell 1-DH1 2441MHz One Burst Spectrum Analyzer 1 Swept SA + Avg Type: Log-Power Trig: Video Trig Delay: -500.0 μs Input Z: 50 Ω #Atten: 30 dB KEYSIGHT Input: RF 1 2 3 4 5 6 Gate: Off IF Gain: Low Corr CCorr Freq Ref: Int (S) Preamp: Off $\overline{\mathbf{w}} * \mathbf{w} * \mathbf{w} * \mathbf{w} *$ Align: Auto Sig Track: Off ΔMkr1 384.0 μs 1 Spectrum Ref Lvi Offset 2.28 dB Ref Level 20.00 dBm 1.33 dB Scale/Div 10 dB According to the second Center 2.441000000 GHz Res BW 1.0 MHz Span 0 Hz Sweep 10.0 ms (10001 pts) #Video BW 3.0 MHz 5 Marker Table Function Value Mode Trace Function Function Width 384.0 μs (Δ) 485.0 μs 1.33 dB -8.29 dBm 4 5 6 Jan 05, 2025 5:18:49 PM Dwell 1-DH1 2441MHz Accumulated SCPI Spectrum Analyzer 1 + Avg Type: Log-Power Trig: Free Run Input Z: 50 Ω #Atten: 30 dB Preamp: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF **1 2 3 4 5** 6 ₩₩₩₩₩₩ Align: Auto Freq Ref: Int (S) Ref LvI Offset 2.28 dB Scale/Div 10 dB Ref Level 20.00 dBm

Center 2.441000000 GHz Res BW 1.0 MHz

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#Video BW 3.0 MHz

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Span 0 Hz Sweep 31.6 s (10001 pts)

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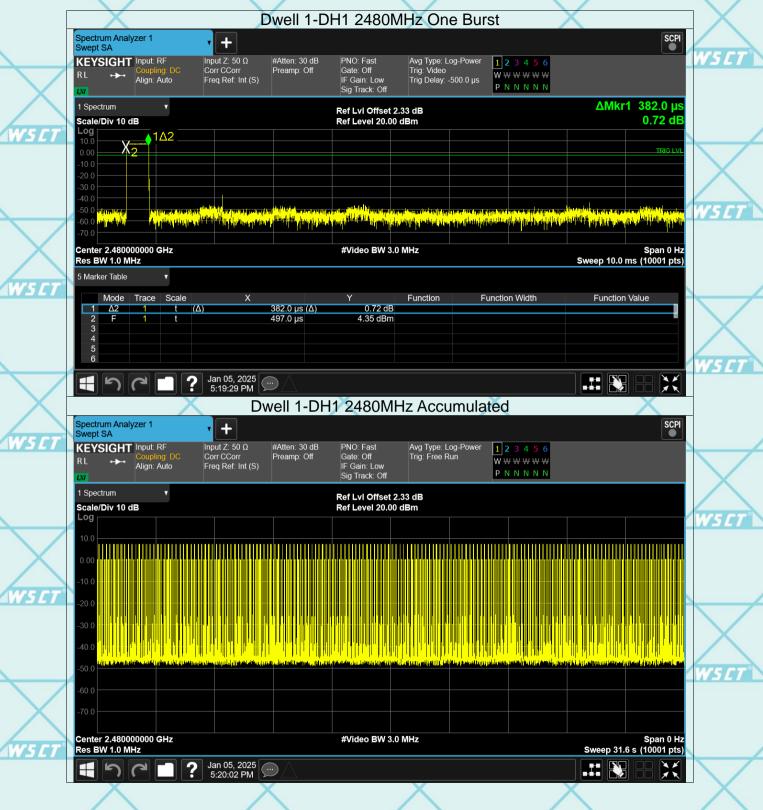






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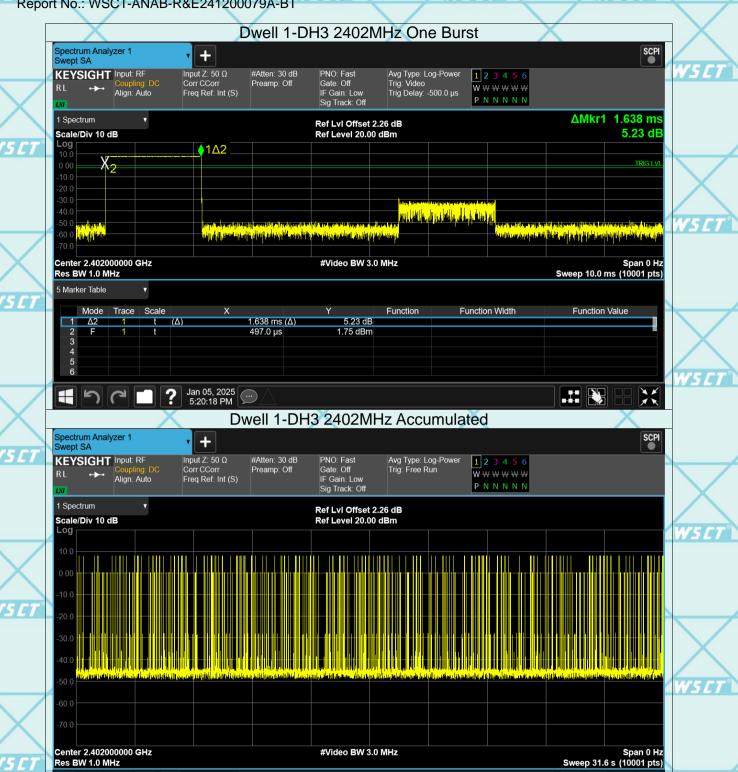
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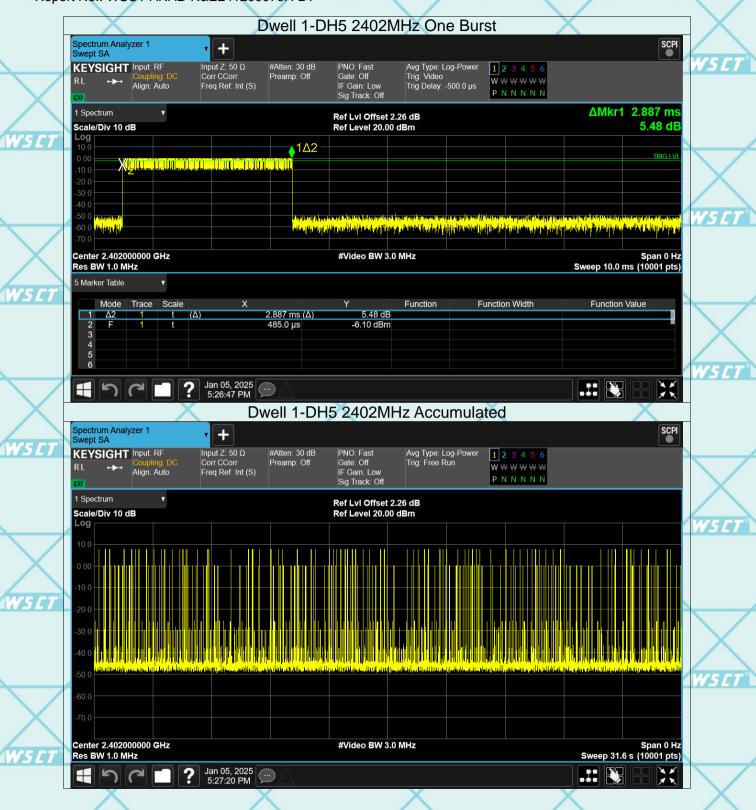
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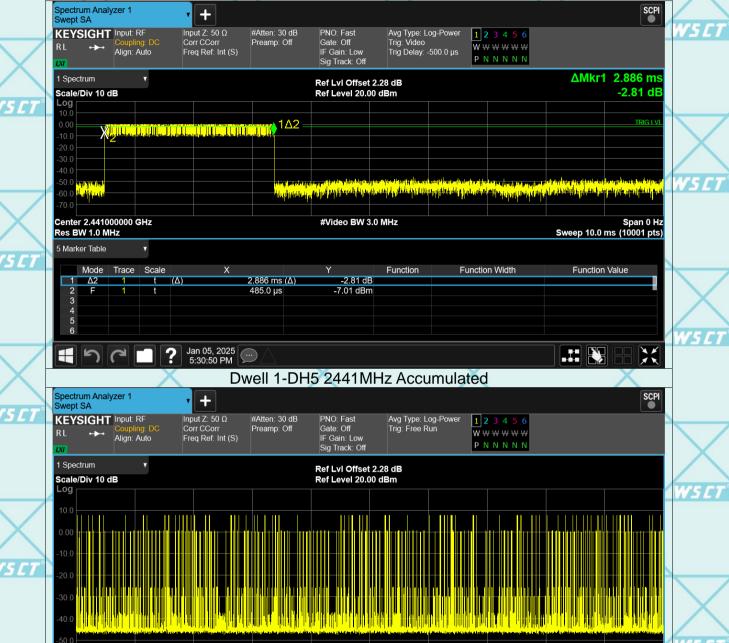






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Mahalalak Dwell 1-DH5 2441MHz One Burst Avg Type: Log-Power Trig: Video Trig Delay: -500.0 μs #Atten: 30 dB 1 2 3 4 5 6 Gate: Off IF Gain: Low Preamp: Off $\overline{\mathbf{w}} * \mathbf{w} * \mathbf{w} * \mathbf{w} *$ Sig Track: Off



Center 2.441000000 GHz Res BW 1.0 MHz Span 0 Hz Sweep 31.6 s (10001 pts) #Video BW 3.0 MHz Jan 05, 2025 5:31:23 PM

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Mahalalala Dwell 1-DH5 2480MHz One Burst Spectrum Analyzer 1 Swept SA + Avg Type: Log-Power Trig: Video Trig Delay: -500.0 μs Input Z: 50 Ω KEYSIGHT Input: RF #Atten: 30 dB 1 2 3 4 5 6 Gate: Off IF Gain: Low Corr CCorr Freq Ref: Int (S) Preamp: Off $\overline{\mathbf{w}} * \mathbf{w} * \mathbf{w} * \mathbf{w} *$ Align: Auto Sig Track: Off ΔMkr1 2.888 ms 1 Spectrum Ref Lvi Offset 2.33 dB Ref Level 20.00 dBm 1.98 dB Scale/Div 10 dB 1Δ2 Control of the second of the second of the second of the second second of the second o Center 2.480000000 GHz Res BW 1.0 MHz Span 0 Hz Sweep 10.0 ms (10001 pts) #Video BW 3.0 MHz 75 C Function Value Mode Trace Function Function Width 1.98 dB -2.67 dBm 2.888 ms (Δ) 497.0 µs Jan 05, 2025 5:35:33 PM Dwell 1-DH5 2480MHz Accumulated SCPI Spectrum Analyzer 1 + Avg Type: Log-Power Trig: Free Run #Atten: 30 dB Preamp: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω KEYSIGHT Input: RF **1 2 3 4 5** 6 ₩₩₩₩₩₩ Align: Auto Freq Ref: Int (S) Ref Lvl Offset 2.33 dB Scale/Div 10 dB Ref Level 20.00 dBm

Center 2.480000000 GHz

Res BW 1.0 MHz

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#Video BW 3.0 MHz







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6.8. **Pseudorandom Frequency Hopping Sequence**

FCC Part15 C Section 15.247 (a)(1) requirement: Test Requirement:

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

Alternatively. Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

EUT Pseudorandom Frequency Hopping Sequence

The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first one of 9 consecutive ones; i.e. the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence: 29-1 = 511 bits
- Longest sequence of zeros: 8 (non-inverted signal)

W51

Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:

2 62 64 78 73 75 77

Each frequency used equally on the average by each transmitter. The system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.

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6.9. Conducted Band Edge Measurement

6.9.1.	Test S	Specifica	ation

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Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2014 W5 [7] W5 [7]
Limit:	In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	 The testing follows the guidelines in Band-edge Compliance of RF Conducted Emissions of ANSI C63.10:2014 Measurement Guidelines. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz (≥1% span=10MHz), VBW = 300 kHz (≥RBW). Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used. Enable hopping function of the EUT and then repeat step 2 and 3. Measure and record the results in the test report.
Test Result:	PASS

WSET

W5 CT

WSET

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AVAILABILITY

WSET

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WSET









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W5E7



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W5 CT

Conducted Spurious Emission Measurement 6.10.

6.10.1.	Test Specification
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Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	ANSI C63.10:2014
Limit:	In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.
Test Setup:	- C

Spectrum Analyzer

W5 CT

Test Mode:

Test Pr

WS ET

NS CT

ode:	Transmitting mode with modulation
rooduro	 The testing follows the guidelines in Spurious RF Conducted Emissions of ANSI C63.10:2014 Measurement Guidelines The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously.
rocedure:	 EUT transmit continuously. 4. Set RBW = 100 kHz, VBW = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW. 5. Measure and record the results in the test report.

PASS

W5C1

Test Result:

WS ET

WS CT

The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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Test Data



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9.920 1 GHz

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-30.72 dBm

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-30.98 dBm

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ation& Test

-44.86 dBm -43.31 dBm

-30.09 dBm

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9.763 9 GHz

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W5 CT

6.11. **Radiated Spurious Emission Measurement**

6.11.1. Test Specification

r .		
	Test Requirement:	FCC Part15 C Section 15.209
	Test Method:	ANSI C63.10:2014
	Frequency Range:	9 kHz to 25 GHz
	Measurement Distance:	3 m
	Antenna Polarization:	Horizontal & Vertical

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value
150kHz-	Quasi-peak	9kHz	30kHz	Quasi-peak Value
30MHz		WSFT		WSCT
30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value
A b a v a 4 C L I=	Peak	1MHz	3MHz	Peak Value
Above 1GHz	Peak	1MHz	10Hz	Average Value

Frequency	Field Strength	Measurement
Frequency	(microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(KHz)	300
0.490-1.705	24000/F(KHz)	30
1.705-30	30	30
30-88	100	/354
88-216	150	3
216-960	200	3
About 000	500	0

Limit:

	FF FT	ALLE CT	
Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)	Detector
Ab 401	500	3	Average
Above 1GHz	5000	3	Poak

NS CI

NS C

For radiated emissions below 30MHz

Distance = 3m

WS CT W5 E

Test setup: WSEI

Computer Pre -Amplifier EUT Receiver Ground Plane

30MHz to 1GHz

W5 E

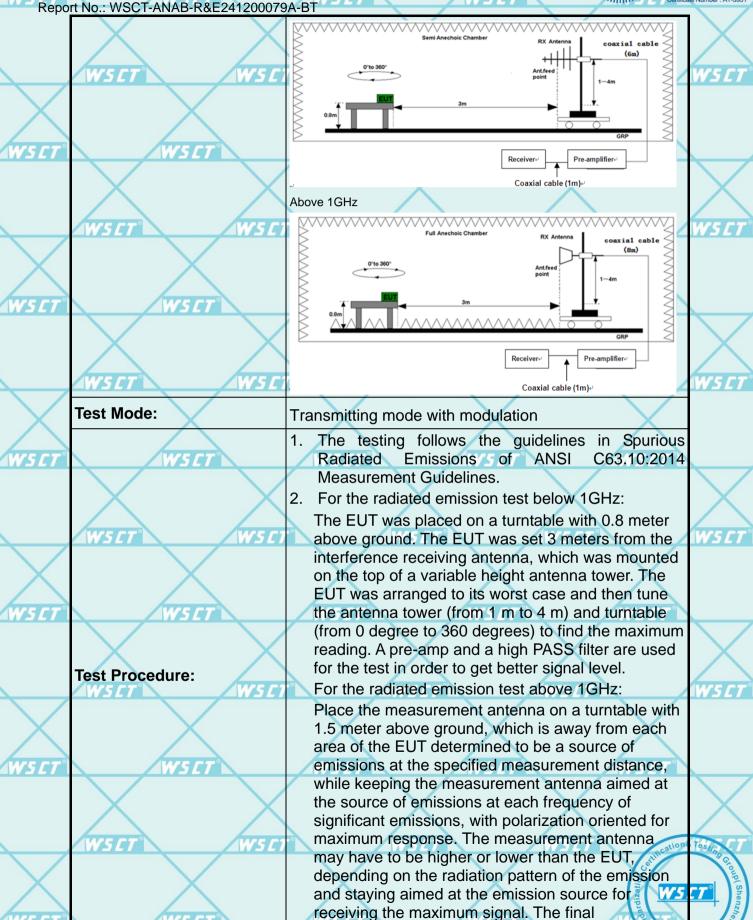
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Report No.: WSCT-ANAB-R&E241200079A-BT







Report No.: WSCT-ANAB-R&E241200079A-BT measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be WSI restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. 3. Set to the maximum power setting and enable the **EUT** transmit continuously. 4. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for f < 1 GHz, RBW=1MHz for f>1GHz; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak (3) For average measurement: use duty cycle correction factor method per 15.35(c). Duty cycle = On time/100 milliseconds On time =N1*L1+N2*L2+...+Nn-1*LNn-1+Nn*Ln Where N1 is number of type 1 pulses, L1 is length of type 1 pulses, etc. Average Emission Level = Peak Emission Level + 20*log(Duty cycle) WSCI Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level **PASS** Test results:

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6.11.2. Test Data

Please refer to following diagram for individual

WSET

W5CT

Below 1GHz

The worst mode is GFSK

Horizontal:

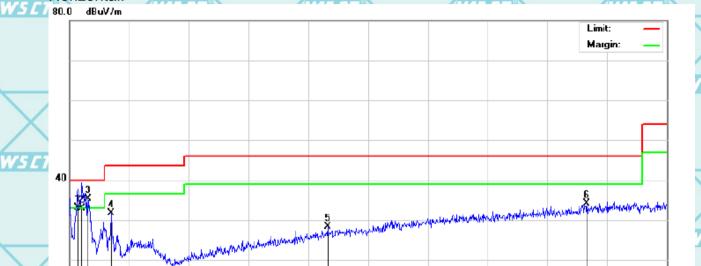
30.000

127.00

224.00

321.00

418.00



V5	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
			MHz	dBu∀	d₿	dBuV/m	dBuV/m	dΒ	Detector	
	1	ļ	43.5800	34.94	-1.88	33.06	40.00	-6.94	QP	<
	2		50.3700	34.98	-2.14	32.84	40.00	-7.16	QP	7
	3	*	60.0700	38.13	-2.82	35.31	40.00	-4.69	QP	
/	4		97.9000	37.44	-5.68	31.76	43.50	-11.74	QP	
V5	5	,	449.0400	27.38	0.95	28.33	46.00	-17.67	QP	
	6		870.0200	27.01	7.14	34.15	46.00	-11.85	QP	

515.00

612.00

709.00

806.00

WSCT WSCT WSCT WSCT

W5CT W5

W5CT"

WSET

WSCT Strong Testing Country (Shenzib)

1000.00 MHz

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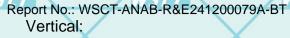


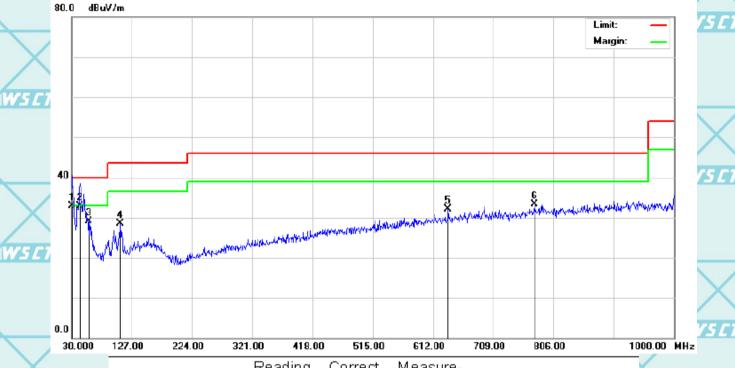




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	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		X
			MHz	dBu∀	dΒ	dBuV/m	dBuV/m	dΒ	Detector	L
>	1	*	30.0000	35.44	-2.60	32.84	40.00	-7.16	QP	
	2		43.5800	34.72	-1.88	32.84	40.00	-7.16	QP	
5	3		58.1300	31.83	-2.69	29.14	40.00	-10.86	QP	
	4	1	108.5700	33.16	-4.74	28.42	43.50	-15.08	QP	<
	5	6	336.2500	27.56	4.55	32.11	46.00	-13.89	QP	
	6	-	775.9300	27.07	6.19	33.26	46.00	-12.74	QP	4

Note1:

Freq. = Emission frequency in MHz

Reading level (dBµV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)

Limit ($dB\mu V$) = Limit stated in standard

Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

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Above 1GHz

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental / 5 [7] signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

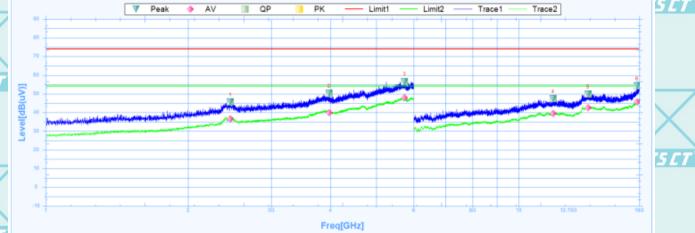
The worst mode is GFSK

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WSET°

Low channel: 2402MHz

Horizontal:



WS ET

W5 C1

Susp	susputed Data List									
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2455.0000	45.64	27.45	18.19	74	-28.36	115.7	Horizontal	PK	Pass
1	2455.0000	36.73	27.45	9.28	54	-17.27	115.7	Horizontal	AV	Pass
2	3973.7500	50.28	29.64	20.64	74	-23.72	96.6	Horizontal	PK	Pass
2	3973.7500	39.92	29.64	10.28	54	-14.08	96.6	Horizontal	AV	Pass
3	5738.1250	56.6	32.38	24.22	74	-17.4	310.6	Horizontal	PK	Pass
3	5738.1250	47.94	32.38	15.56	54	-6.06	310.6	Horizontal	AV	Pass
4	11826.0000	47.44	16.3	31.14	74	-26.56	12.8	Horizontal	PK	Pass
4	11826.0000	39.57	16.3	23.27	54	-14.43	12.8	Horizontal	AV	Pass
5	14016.0000	49.86	19.11	30.75	74	-24.14	32.8	Horizontal	PK	Pass
5	14016.0000	42.56	19.11	23.45	54	-11.44	32.8	Horizontal	AV	Pass
6	17797.5000	54.36	22.6	31.76	74	-19.64	32.8	Horizontal	PK	Pass
6	17797.5000	45.78	22.6	23.18	54	-8.22	32.8	Horizontal	AV	Pass

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2 26996053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http://www.wsct-cert.com Http://www.wsct-cert.com World Standard zation Certification& Testing Group(Shenzh

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WSET

WSET

SCT° WSD



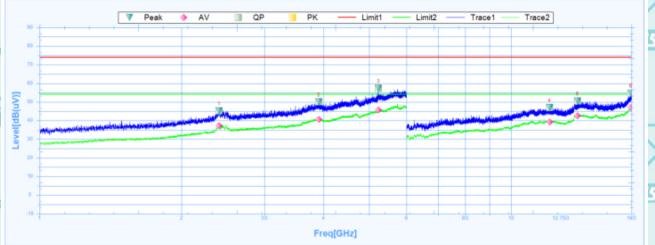




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W5CT

Report No.: WSCT-ANAB-R&E241200079A-BT Vertical:



WSET

W5 CT

												/
_	Suspu	ited Data Lis	st									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
	1	2400.6250	45.24	27.26	17.98	74	-28.76	348.6	Vertical	PK	Pass	
	1	2400.6250	37.32	27.26	10.06	54	-16.68	348.6	Vertical	AV	Pass	
	2	3911.2500	50.14	29.49	20.65	74	-23.86	324.8	Vertical	PK	Pass	K
	2	3911.2500	40.54	29.49	11.05	54	-13.46	324.8	Vertical	AV	Pass	
	3	5233.1250	57.45	31.79	25.66	74	-16.55	40.3	Vertical	PK	Pass	
	3	5233.1250	45.57	31.79	13.78	54	-8.43	40.3	Vertical	AV	Pass	
3	4	12061.5000	46.92	16.74	30.18	74	-27.08	202.5	Vertical	PK	Pass	
	4	12061.5000	39.3	16.74	22.56	54	-14.7	202.5	Vertical	AV	Pass	
	5	13825.5000	50.46	18.62	31.84	74	-23.54	72.2	Vertical	PK	Pass	
	5	13825.5000	42.52	18.62	23.9	54	-11.48	72.2	Vertical	AV	Pass	1
	6	17950.5000	54.7	23.58	31.12	74	-19.3	160.7	Vertical	PK	Pass	
	6	17950.5000	46.91	23.58	23.33	54	-7.09	160.7	Vertical	AV	Pass	Z

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W5 C1

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W5CT[®]

Middle channel: 2440MHz

Horizontal: WS CT WS CT WS CT WS CT



	Susputed Data List											
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	4
/	1	2735.6250	45.1	27.88	17.22	74	-28.9	184	Horizontal	PK	Pass	
	1	2735.6250	35.04	27.88	7.16	54	-18.96	184	Horizontal	AV	Pass	
	2	3921.2500	51.03	29.51	21.52	74	-22.97	37	Horizontal	PK	Pass	
7	2	3921.2500	40.65	29.51	11.14	54	-13.35	37	Horizontal	AV	Pass	
4	3	5737.5000	57.7	32.38	25.32	74	-16.3	0.1	Horizontal	PK	Pass	
	3	5737.5000	48.42	32.38	16.04	54	-5.58	0.1	Horizontal	AV	Pass	
	4	11407.5000	46.98	15.87	31.11	74	-27.02	2.2	Horizontal	PK	Pass	1
	4	11407.5000	39.14	15.87	23.27	54	-14.86	2.2	Horizontal	AV	Pass	
	5	14007.0000	50.42	19.12	31.3	74	-23.58	171.5	Horizontal	PK	Pass	4
/	5	14007.0000	42.87	19.12	23.75	54	-11.13	171.5	Horizontal	AV	Pass	
	6	17851.5000	53.08	22.96	30.12	74	-20.92	356.5	Horizontal	PK	Pass	
	6	17851.5000	45.97	22.96	23.01	54	-8.03	356.5	Horizontal	AV	Pass	

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W5C1



W5 CT





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W5CT

Vertical:



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_	Suspu	ited Data Lis	it									
,	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	-
	1	2435.6250	48.12	27.38	20.74	74	-25.88	358.6	Vertical	PK	Pass	1
	1	2435.6250	37.7	27.38	10.32	54	-16.3	358.6	Vertical	AV	Pass	ļ
	2	3861.8750	49.74	29.37	20.37	74	-24.26	262.7	Vertical	PK	Pass	É
/	2	3861.8750	40.59	29.37	11.22	54	-13.41	262.7	Vertical	AV	Pass	
	3	5226.2500	58.59	31.78	26.81	74	-15.41	320.1	Vertical	PK	Pass	
/	3	5226.2500	45.41	31.78	13.63	54	-8.59	320.1	Vertical	AV	Pass	
7	4	10939.5000	46.34	15.29	31.05	74	-27.66	253.9	Vertical	PK	Pass	
	4	10939.5000	39.05	15.29	23.76	54	-14.95	253.9	Vertical	AV	Pass	
	5	15181.5000	50.01	19.29	30.72	74	-23.99	33.9	Vertical	PK	Pass	-
	5	15181.5000	42.99	19.29	23.7	54	-11.01	33.9	Vertical	AV	Pass	1
	6	17691.0000	52.23	21.9	30.33	74	-21.77	324.4	Vertical	PK	Pass	
	6	17691.0000	44.94	21.9	23.04	54	-9.06	324.4	Vertical	AV	Pass	2

W5 C1 W5 E7 W5 C W5 C1 W5 CT W5C1 WS ET WS CT W5 E1

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W5C1



W5CT°



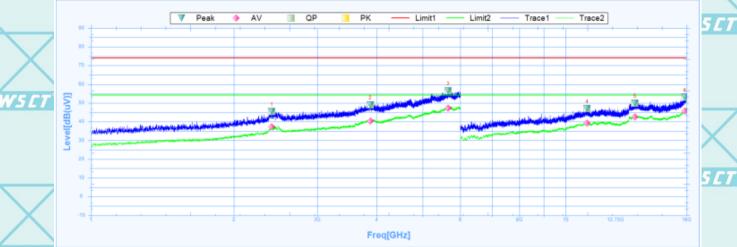


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High channel: 2480MHz

Horizontal:

W5CT°



W5 CT

W5 CT

	Susputed Data List											
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
	1	2401.2500	45.39	27.26	18.13	74	-28.61	285.4	Horizontal	PK	Pass	
	1	2401.2500	37.25	27.26	9.99	54	-16.75	285.4	Horizontal	AV	Pass	5
/	2	3876.8750	48.96	29.4	19.56	74	-25.04	170.7	Horizontal	PK	Pass	
	2	3876.8750	40.34	29.4	10.94	54	-13.66	170.7	Horizontal	AV	Pass	
/	3	5656.2500	56.41	32.25	24.16	74	-17.59	147.9	Horizontal	PK	Pass	
7	3	5656.2500	47.32	32.25	15.07	54	-6.68	147.9	Horizontal	AV	Pass	
	4	11104.5000	47.02	15.87	31.15	74	-26.98	178.6	Horizontal	PK	Pass	
	4	11104.5000	39.36	15.87	23.49	54	-14.64	178.6	Horizontal	AV	Pass	
	5	14010.0000	49.93	19.12	30.81	74	-24.07	104.6	Horizontal	PK	Pass	1
	5	14010.0000	42.53	19.12	23.41	54	-11.47	104.6	Horizontal	AV	Pass	
	6	17853.0000	52.88	22.97	29.91	74	-21.12	169.1	Horizontal	PK	Pass	5
/	6	17853.0000	45.7	22.97	22.73	54	-8.3	169.1	Horizontal	AV	Pass	

6	17853.0000	45.7	22.97	22.73	54	-8.3	169.1	Horizontal	AV	Pass	
WSET	M	YSET.		WSET		WS	ET°		W5 E	7	
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WSET		VS CT		WSCT		WS			WSE		
	VS ET		WSET		WSET			WSET			
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Report No.: WSCT-ANAB-R&E241200079A-BT

W5CT°



Freq[GHz]

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_	Suspu	ited Data Lis	st									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	-
	1	2428.7500	45.74	27.36	18.38	74	-28.26	193.4	Vertical	PK	Pass	
	1	2428.7500	37.2	27.36	9.84	54	-16.8	193.4	Vertical	AV	Pass	
	2	3847.5000	49.99	29.33	20.66	74	-24.01	255.6	Vertical	PK	Pass	K
	2	3847.5000	40.44	29.33	11.11	54	-13.56	255.6	Vertical	AV	Pass	
	3	5620.6250	56.35	32.19	24.16	74	-17.65	336.8	Vertical	PK	Pass	
	3	5620.6250	46.61	32.19	14.42	54	-7.39	336.8	Vertical	AV	Pass	
3	4	11493.0000	46.58	16.11	30.47	74	-27.42	10.6	Vertical	PK	Pass	
	4	11493.0000	38.99	16.11	22.88	54	-15.01	10.6	Vertical	AV	Pass	ı
	5	13993.5000	50.32	19.1	31.22	74	-23.68	360.1	Vertical	PK	Pass	
	5	13993.5000	42.99	19.1	23.89	54	-11.01	360.1	Vertical	AV	Pass	
	6	17817.0000	52.6	22.73	29.87	74	-21.4	251.6	Vertical	PK	Pass	
	6	17817.0000	45.84	22.73	23.11	54	-8.16	251.6	Vertical	AV	Pass	Z

Note:

- 1. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 2. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 3. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.
 - 4. Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK, 8DPSK), and the worst case Mode (GFSK) was submitted only.

	W5 ET	W5 CT°	WSET	W5 ET	W5 ET
					/
				\	
W5 CT	WSET	W5	CT W	ET W	S C T
	X	X	X	X	X

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6.11.3. **Restricted Bands Requirements**

Bluetooth (GFSK, Pi/4-DQPSK, 8DPSK) mode have been tested, and the worst result GFSK model was report as below

	as below								
	Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector	<
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V		
Ż		WSLT		Low Char	nnel	WSL		WS	L
	2387	64.56	-8.76	55.80	74	-18.20	Н	PK	
	2387	53.18	-8.76	44.42	54	-9.58	H	AV	
	2387	59.02	-8.73	50.29	74: 77	-23.71	V _V 5	PK	
	2387	57.73	-8.73	49.00	54	-5.00	V	AV	
	2390	62.84	-8.76	54.08	74	-19.92	Н	PK	
	2390	55.74	-8.76	46.98	54	-7.02	Н	AV	6
2	2390	60.27	-8.73	51.54	74	-22.46	V	PK	
	2390	57.54	-8.73	48.81	54	-5.19	V	AV	
					nnel				
	2483.5	61.20	-8.76	52.44	74 - 1	-21.56	H/5	PK	
/	2483.5	55.63	-8.76	46.87	54	-7.13	Н	AV	
1	2483.5	61.14	-8.73	52.41	74	-21.59	V	PK	
ij	2483.5	55.26	-8.73	46.53	54	-7.47	V	AV	1
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Note: Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss Level (dB μ V) = Reading level (dB μ V) + Corr. Factor (dB)

Limit (dBµV) = Limit stated in standard

Margin (dB) = Level (dB μ V) – Limits (dB μ V)

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