



Report No.: WSCT-ANAB-R&E240800043A-BT

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6.7.2. Test Data

Total Dwell Time Frequency Limit Verdict Mode **Pulse Time** Burst **Period Time** (MHz) Count (ms) (ms) (ms) (ms) Pass 1-DH1 2402 0.375 118.125 31600 400 315 1-DH1 2441 0.375 116.625 311 31600 400 Pass 1-DH1 2480 400 Pass 0.375 115.125 307 31600 1-DH3 2402 1.63 275.47 169 31600 400 **Pass** 1-DH3 2441 1.63 277.1 170 31600 400 Pass 1-DH3 2480 1.63 229.83 141 31600 400 **Pass** 1-DH5 2402 2.879 279.263 97 31600 400 Pass 2.877 100 Pass 1-DH5 2441 287 7 31600 400 1-DH5 2480 2.877 296.331 31600 400 Pass

Note: 1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels.

For DH1, With channel hopping rate (1600 / 2 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to $(1600 / 2 / 79) \times (0.4 \times 79) = 320$ hops

For DH3, With channel hopping rate (1600 / 4 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to $(1600 / 4 / 79) \times (0.4 \times 79) = 160$ hops

For DH5, With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to $(1600 / 6 / 79) \times (0.4 \times 79) = 106.67$ hops

2. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time

Test plots as follows:

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WS-FT WS-FT WS-FT WS-FT

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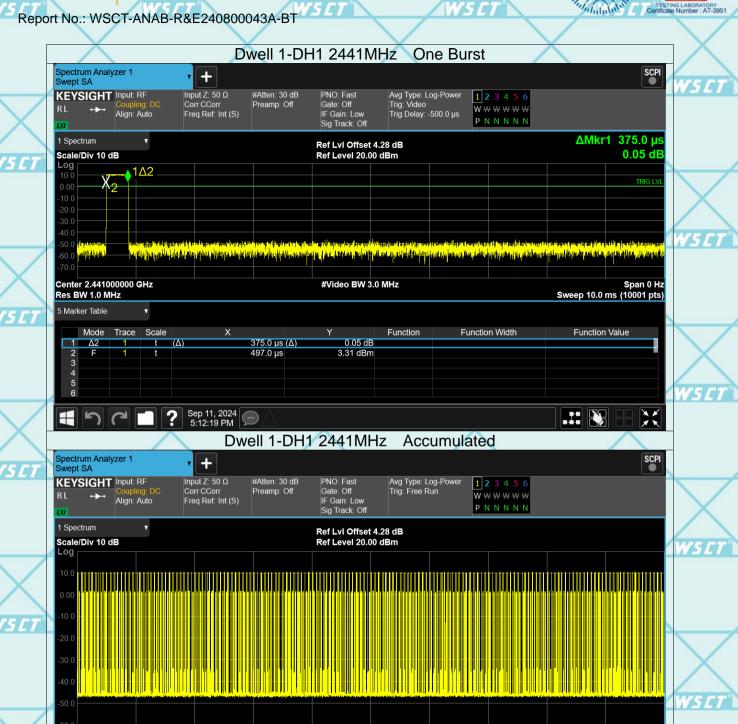
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Center 2.441000000 GHz

Res BW 1.0 MHz

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Span 0 Hz Sweep 31.6 s (10001 pts)

#Video BW 3.0 MHz







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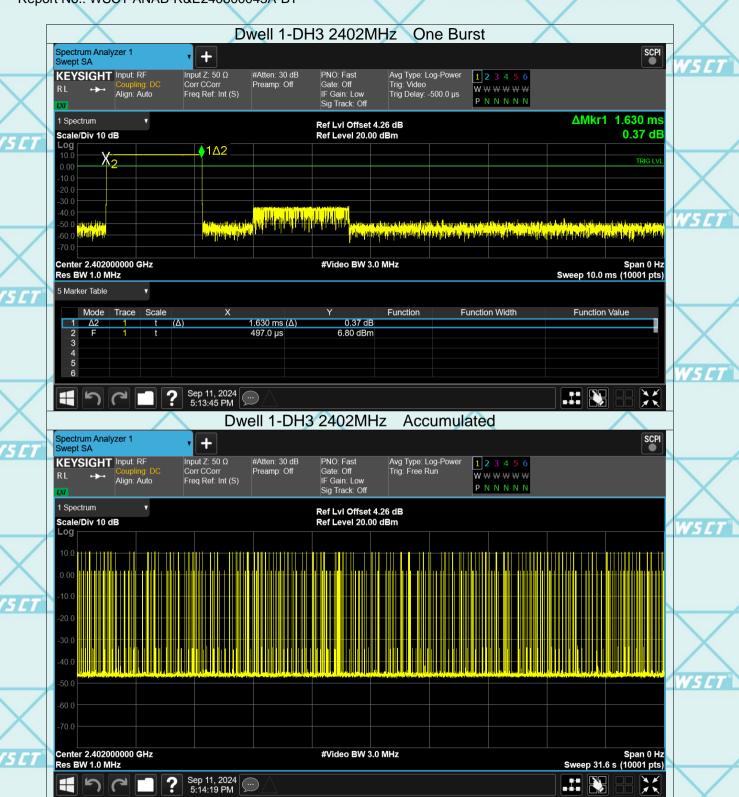




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Report No.: WSCT-ANAB-R&E240800043A-BT

W5 CI Dwell 1-DH5 2441MHz One Burst SCPI Spectrum Analyzer 1 + Input Z: 50 Ω Corr CCorr PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Atten: 30 dB Preamp: Off Avg Type: Log-Power Trig: Video KEYSIGHT Input: RF **1 2 3 4 5** 6 **w** ₩ ₩ ₩ ₩ Trig Delay: -500.0 µs Align: Auto Freq Ref: Int (S) 1 Spectrum ΔMkr1 2.877 ms Ref LvI Offset 4.28 dB Ref Level 20.00 dBm 0.29 dB Scale/Div 10 dB 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 15 C Function Value Mode Scale Function **Function Width** 0.29 dB -7.80 dBm 2.877 ms (Δ) 487.0 µs Sep 11, 2024 5:24:03 PM Dwell 1-DH5 2441MHz Accumulated Spectrum Analyzer 1 Swept SA SCPI + Avg Type: Log-Power Trig: Free Run Input Z: 50 Ω #Atten: 30 dB PNO: Fast KEYSIGHT Input: RF 1 2 3 4 5 6 Corr CCorr Freq Ref: Int (S) Preamp: Off Gate: Off IF Gain: Low Sig Track: Off <u>w</u> ₩ ₩ ₩ ₩ Align: Auto PNNNN 1 Spectrum Ref LvI Offset 4.28 dB Scale/Div 10 dB Ref Level 20.00 dBm Log Span 0 Hz Sweep 31.6 s (10001 pts)

Center 2.441000000 GHz

Res BW 1.0 MHz

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#Video BW 3.0 MHz



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W5 CT

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Report No.: WSCT-ANAB-R&E240800043A-BT

6.8. Pseudorandom Frequency Hopping Sequence

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

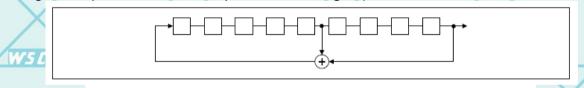
Alternatively. Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 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.

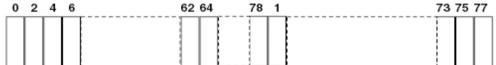
- Number of shift register stages: 9
- Length of pseudo-random sequence: 29-1 = 511 bits
- Longest sequence of zeros: 8 (non-inverted signal)

<u> AWSCT</u>



Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:



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 Spe	ecification
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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.	W5
Test Setup:	Spectrum Analyzer EUT	
Test Mode:	Transmitting mode with modulation	\angle
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. 	WS
Test Result:	PASS	/

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6.9.2. Test Data



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W5 CI Band Edge(Hopping) 1-DH5 2480MHz SCPI Spectrum Analyzer 1 + Input Z: 50 Ω Corr CCorr PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Atten: 30 dB Preamp: Off Avg Type: Log-Power Avg|Hold: 2000/2000 KEYSIGHT Input: RF $\mathsf{M} \times \mathsf{W} \times \mathsf{W} \times \mathsf{W}$ Align: Auto Freq Ref: Int (S) Trig: Free Run 1 Spectrum Mkr1 2.477 968 GHz Ref LvI Offset 4.33 dB Ref Level 20.00 dBm Scale/Div 10 dB 9.78 dBm Center 2.480000 GHz #Res BW 100 kHz Span 8.000 MHz Sweep 1.00 ms (1001 pts) #Video BW 300 kHz 噩 Band Edge(Hopping) 1-DH5 2480MHz Spectrum Analyzer 1 Swept SA SCPI + Avg Type: Log-Power Avg|Hold: 2000/2000 Trig: Free Run Input Z: 50 Ω #Atten: 30 dB PNO: Fast KEYSIGHT Input: RF **1 2 3 4 5** 6 Corr CCorr Freq Ref: Int (S) Preamp: Off Gate: Off IF Gain: Low Sig Track: Off Align: Auto PNNNNN Mkr1 2.478 0 GHz Ref LvI Offset 4.33 dB 10.02 dBm Scale/Div 10 dB Ref Level 20.00 dBm ¥₩₩ $\lozenge^2 \lozenge^4$ **∂**3 Start 2.47600 GHz #Video BW 300 kHz Stop 2.57600 GHz #Res BW 100 kHz Sweep 9.60 ms (1001 pts) 5 Marker Table Mode Scale Function **Function Width** Function Value 10.02 dBm 2.478 0 GHz 2.483 5 GHz 2.500 0 GHz 2.487 1 GHz -56.48 dBm N N -55.72 dBm -53.40 dBm

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6.10. **Conducted Spurious Emission Measurement**

6.10.1. Test Specification	6.10.1.	Test Specification
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W5 CT FCC Part15 C Section 15.247 (d) **Test Requirement: Test Method:** ANSI C63.10:2014 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 Limit: radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits. Test Setup: Spectrum Analyzei Transmitting mode with modulation Test Mode: The testing follows the guidelines in Spurious RF Conducted Emissions of ANSI C63.10:2014 Measurement Guidelines 2. 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. 3. Set to the maximum power setting and enable the

Test Procedure:

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.

Measure and record the results in the test report.

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

PASS Test Result:

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Mahalalak **Test Graphs** Tx. Spurious 1-DH5 2402MHz Ref Spectrum Analyzer 1 Swept SA + PNO: Best Wide Avg Type: Log-Power Gate: Off Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 20 dB 1 2 3 4 5 6 Gate: Off IF Gain: Low Sig Track: Off Corr CCorr Freq Ref: Int (S) $M \otimes W \otimes W \otimes W$ Align: Auto PNNNNN 1 Spectrum Mkr1 2.402 040 5 GHz Ref LvI Offset 4.26 dB Scale/Div 10 dB 9.74 dBm Ref Level 14.26 dBm Center 2.4020000 GHz #Video BW 300 kHz Span 1.500 MHz #Res BW 100 kHz Sweep 1.00 ms (1001 pts) Sep 11, 2024 6:46:31 PM Tx. Spurious 1-DH5 2402MHz Emission 15 CT Spectrum Analyzer 1 Swept SA SCPI + KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 20 dB Preamp: Off Avg Type: Log-Power 1 2 3 4 5 6 Corr CCorr Freq Ref: Int (S) Gate: Off IF Gain: Low Avg|Hold: 10/10 Trig: Free Run Align: Auto PNNNN Sig Track: Off Mkr1 2.401 7 GHz 1 Spectrum Ref Lvi Offset 4.26 dB Ref Level 14.26 dBm 9.65 dBm Scale/Div 10 dB **⊘**2 $\Diamond^{\overline{4}}$ **∂**5

Stop 26.50 GHz Sweep ~2.53 s (30001 pts) Start 30 MHz #Res BW 100 kHz #Video BW 300 kHz 5 Marker Table Function Value Mode Function Function Width 2.401 7 GHz 9.65 dBm 2.401 7 GHz 25.553 3 GHz 5.000 2 GHz 7.168 1 GHz 9.762 1 GHz -57.68 dBm -62.38 dBm ZZZZ -62.01 dBm -62.60 dBm Sep 11, 2024 6:47:03 PM

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6.11. **Radiated Spurious Emission Measurement**

World Standardization Certification & Testing Group (Shenzhen) Co.,ltd.

6.11.1. Test Specification

X	Test Requirement:	FCC Part15	C Sectio	n 15.209		X	
ET	Test Method:	ANSI C63.10):2014	WSET		WSCT	
	Frequency Range:	9 kHz to 25 (GHz				
	Measurement Distance:	3 m					
	Antenna Polarization: W5	Horizontal &	Vertical		W5		W.S
		Frequency	Detector	r RBW	VBW	Remark	
X	X	9kHz- 150kHz	Quasi-pea	ak 200Hz	1kHz	Quasi-peak Value	
		150kHz-	Quasi-pea	ak 9kHz	30kHz	Quasi-peak Value	
ET	Receiver Setup:	30MHz		W5/7		WSCT	
		30MHz-1GHz	Quasi-pea		300KHz	Quasi-peak Value	
	X	Above 1GHz	Peak	1MHz	3MHz	Peak Value	
			Peak	1MHz	10Hz	Average Value	
	WSCT WSC	F== ====	cy W5 Γ1	Field Stre	ength // 5	Measurement	W
				(microvolts	/meter)	Distance (meters)	
X		0.009-0.4		2400/F(I	,	300	
		0.490-1.7		24000/F((KHz)	30	
ET	WSET	1.705-3 30-88		30 W 5 100		30 V3.5 L T	
		88-216		150		3	
	Limit:	216-96		200		3	
		Above 9		500		3	
	WSCT WSCI		THE STATE OF		/W/		1112
_	VEI JUE 14				Measure	ment	146

Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)	Detector
Above 4Chie	500	3	Average
Above 1GHz	5000/5/7	3	Peak

For radiated emissions below 30MHz

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Test setup:

WS CT

Distance = 3m Computer Pre -Amplifier Receiver Ground Plane

30MHz to 1GHz

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Report No.: WSCT-ANAB-R&E240800043A-BT

Coaxial cable (1m)+

Above 1GHz

Pre-amplifier«

Transmitting mode with modulation

The testing follows the guidelines in Spurious Emissions of ANSI C63.10:2014 Radiated Measurement Guidelines.

Coaxial cable (1m)⊬

For the radiated emission test below 1GHz: The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level.

For the radiated emission test above 1GHz:

Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final

Test Mode:

Test Procedure:

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WSI





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measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

- 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)

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

Test results: PASS

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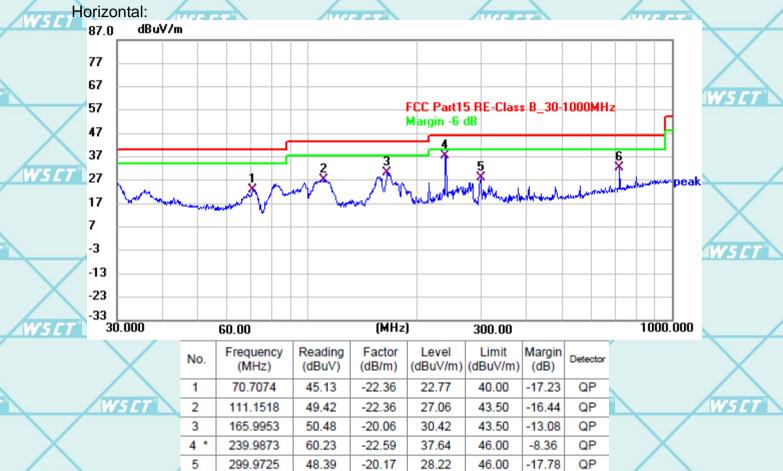
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6.11.2. Test Data(worst case)

Please refer to following diagram for individual

The worst mode is GFSK

Below 1GHz



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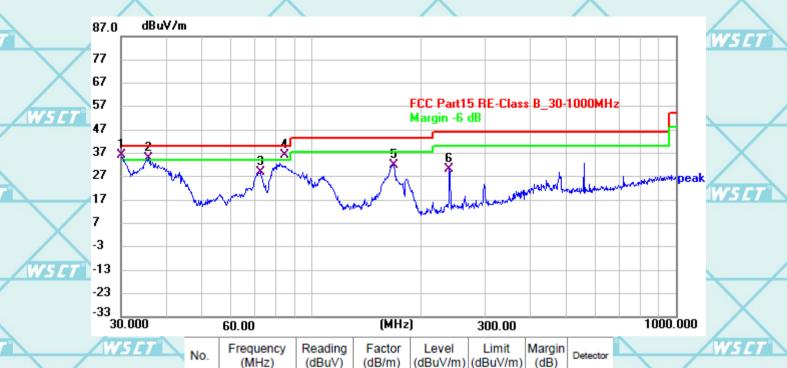
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Report No.: WSCT-ANAB-R&E240800043A-BT Vertical:



30.0000 55.14 -19.12 36.02 40.00 -3.98 QP 1 * 2! 35.6240 54.21 -19.47 34.74 40.00 -5.26 QΡ -11.16 3 72.4962 51.57 -22.7328.84 40.00 QΡ -3.98 QP 84.4424 59.93 -23.91 36.02 40.00 4! 5 167.8978 52.43 -20.3632.07 43.50 -11.43 QP 239.9873 52.83 -22.59 30.24 46.00 -15.76 QP W5 ET

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 (dBµV) = Limit stated in standard

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

e 150 kHz to 30MHz.

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Above 1GHz

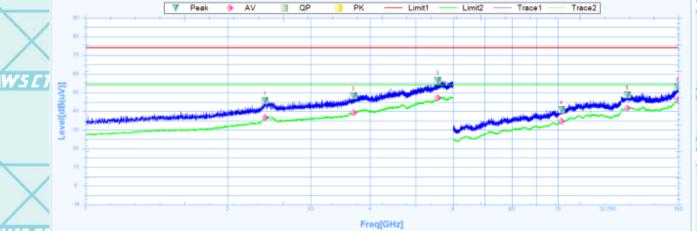
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental 15 L signal.

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

The worst mode is GFSK

Low channel: 2402MHz

Horizontal:



	Suspu	ited Data Lis	st								Susputed Data List										
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict										
	1	2396.8750	45.63	27.25	18.38	74	-28.37	29.2	Horizontal	PK	Pass										
	1	2396.8750	36.57	27.25	9.32	54	-17.43	29.2	Horizontal	AV	Pass										
/	2	3694.3750	48.31	28.97	19.34	74	-25.69	207.3	Horizontal	PK	Pass										
	2	3694.3750	39.18	28.97	10.21	54	-14.82	207.3	Horizontal	AV	Pass										
	3	5568.7500	56.56	32.11	24.45	74	-17.44	90.2	Horizontal	PK	Pass										
Ż	3	5568.7500	47.2	32.11	15.09	54	-6.8	90.2	Horizontal	AV	Pass										
	4	10168.5000	40.85	12.88	27.97	74	-33.15	269.8	Horizontal	PK	Pass										
	4	10168.5000	34.6	12.88	21.72	54	-19.4	269.8	Horizontal	AV	Pass										
	5	14019.0000	48.71	19.11	29.6	74	-25.29	20	Horizontal	PK	Pass										
	5	14019.0000	41.72	19.11	22.61	54	-12.28	20	Horizontal	AV	Pass										
	6	17926.5000	52.9	23.43	29.47	74	-21.1	212.5	Horizontal	PK	Pass										
/	6	17926.5000	46.04	23.43	22.61	54	-7.96	212.5	Horizontal	AV	Pass										

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Report No.: WSCT-ANAB-R&E240800043A-BT Vertical:



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W5 E

	Suspu	ited Data Lis	st								
L	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
	1	2436.8750	47.44	27.39	20.05	74	-26.56	134.3	Vertical	PK	Pass
	1	2436.8750	37.09	27.39	9.7	54	-16.91	134.3	Vertical	AV	Pass
	2	3498.1250	49.97	28.5	21.47	74	-24.03	227.6	Vertical	PK	Pass
,	2	3498.1250	37.52	28.5	9.02	54	-16.48	227.6	Vertical	AV	Pass
	3	5743.7500	67.79	32.39	35.4	74	-6.21	19.2	Vertical	PK	Pass
	3	5743.7500	46.84	32.39	14.45	54	-7.16	19.2	Vertical	AV	Pass
I	4	9796.5000	41.74	11.89	29.85	74	-32.26	350.7	Vertical	PK	Pass
L	4	9796.5000	33.51	11.89	21.62	54	-20.49	350.7	Vertical	AV	Pass
	5	13602.0000	49.22	17.98	31.24	74	-24.78	121.6	Vertical	PK	Pass
	5	13602.0000	41.04	17.98	23.06	54	-12.96	121.6	Vertical	AV	Pass
	6	17862.0000	52.36	23.02	29.34	74	-21.64	94.2	Vertical	PK	Pass
	6	17862.0000	45.57	23.02	22.55	54	-8.43	94.2	Vertical	AV	Pass

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W5 CT

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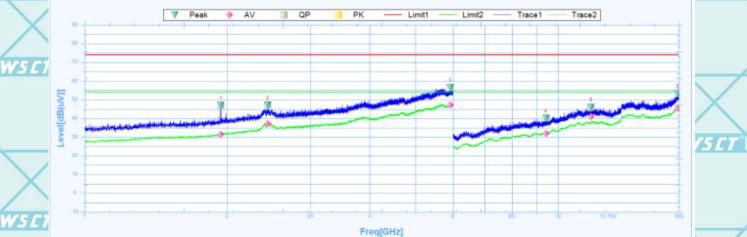
Middle channel: 2441MHz

Horizontal:

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Susputed Data List Reading [dB(uV)] Level [dB(uV)] Deg [°] Freq. [MHz] Factor Limit Margin NO. **Polarity** Trace Verdict [dB] [dB] [dB] 1939.3750 47.06 25.63 21.43 -26.94 54.3 Horizontal Pass 1939.3750 31.44 25.63 5.81 54 -22.56 54.3 ΑV Pass Horizontal 2437.5000 47.22 27.39 19.83 74 -26.78 360.1 Horizontal PK Pass 2437.5000 37.37 27.39 9.98 54 -16.63 360.1 Horizontal ΑV Pass 5926.8750 56.46 32.68 23.78 74 -17.54 240.8 PK Pass Horizontal 5926.8750 47.28 32.68 14.6 54 -6.72 240.8 Horizontal ΑV Pass 9423.0000 40.06 10.9 74 -33.94 PK 29.16 346.3 Horizontal Pass 9423.0000 32 10.9 21.1 54 -22 346.3 Pass Horizontal ΑV 5 11745.0000 46 16.11 29.89 74 -28 116.9 Horizontal PK Pass Pass 5 11745.0000 41.05 16.11 24.94 54 -12.95 116.9 ΑV Horizontal 6 17899.5000 53.26 23.26 30 74 -20.74 302.2 Horizontal PK Pass 17899.5000 45.41 23.26 22.15 54 -8.59 302.2 Horizontal ΑV Pass

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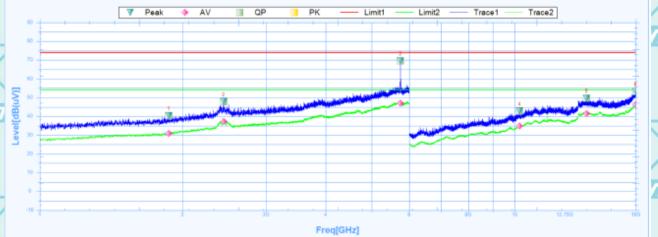




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W5 CT

Vertical:



4		ited Data Lis	st								
W5C	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
	1	1868.1250	40.3	25.31	14.99	74	-33.7	351.1	Vertical	PK	Pass
	1	1868.1250	30.99	25.31	5.68	54	-23.01	351.1	Vertical	AV	Pass
\ 	2	2438.7500	47.88	27.39	20.49	74	-26.12	102.1	Vertical	PK	Pass
	2	2438.7500	37.26	27.39	9.87	54	-16.74	102.1	Vertical	AV	Pass
X	3	5747.5000	69.46	32.4	37.06	74	-4.54	270.6	Vertical	PK	Pass
	3	5747.5000	47.02	32.4	14.62	54	-6.98	270.6	Vertical	AV	Pass
WSEI	4	10246.5000	42.74	13.13	29.61	74	-31.26	358.3	Vertical	PK	Pass
	4	10246.5000	34.78	13.13	21.65	54	-19.22	358.3	Vertical	AV	Pass
	5	14172.0000	49.65	18.96	30.69	74	-24.35	124.1	Vertical	PK	Pass
	5	14172.0000	41.47	18.96	22.51	54	-12.53	124.1	Vertical	AV	Pass
	6	17983.5000	53.26	23.81	29.45	74	-20.74	293.8	Vertical	PK	Pass
	8	17002 5000	48.42	22 01	22.62	E4	7.57	202.0	Vertical	A\/	Page

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W.5				SET WSE	7
WSET	WSET	WSET	WSET	WSET	
W5				$\langle \hspace{0.2cm} \rangle$	7
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High channel: 2480MHz

Horizontal: 7 W5 C7

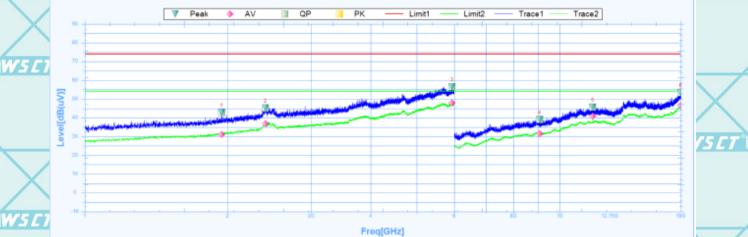
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	Suspu	ited Data Lis	st									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	1
	1	1941.2500	42.77	25.64	17.13	74	-31.23	360	Horizontal	PK	Pass	
(1	1941.2500	31.1	25.64	5.46	54	-22.9	360	Horizontal	AV	Pass	
1	2	2401.8750	45.23	27.27	17.96	74	-28.77	221.6	Horizontal	PK	Pass	
E 7	2	2401.8750	36.95	27.27	9.68	54	-17.05	221.6	Horizontal	AV	Pass	
	3	5935.0000	56.5	32.7	23.8	74	-17.5	0.9	Horizontal	PK	Pass	
	3	5935.0000	47.88	32.7	15.18	54	-6.12	0.9	Horizontal	AV	Pass	
	4	9078.0000	39.03	9.9	29.13	74	-34.97	357.3	Horizontal	PK	Pass	
	4	9078.0000	31.52	9.9	21.62	54	-22.48	357.3	Horizontal	AV	Pass	
	5	11745.0000	45.77	16.11	29.66	74	-28.23	79.8	Horizontal	PK	Pass	1
	5	11745.0000	40.88	16.11	24.77	54	-13.12	79.8	Horizontal	AV	Pass	
(6	17982.0000	53.38	23.8	29.58	74	-20.62	0	Horizontal	PK	Pass	
	6	17982.0000	46.62	23.8	22.82	54	-7.38	0	Horizontal	AV	Pass	

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Vertical:



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	Suspu	Susputed Data List											
Z	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict		
	1	1818.1250	39.78	25.08	14.7	74	-34.22	326.9	Vertical	PK	Pass		
	1	1818.1250	30.77	25.08	5.69	54	-23.23	326.9	Vertical	AV	Pass		
	2	2429.3750	46.8	27.36	19.44	74	-27.2	227.7	Vertical	PK	Pass		
	2	2429.3750	36.82	27.36	9.46	54	-17.18	227.7	Vertical	AV	Pass		
	3	5888.1250	56.51	32.62	23.89	74	-17.49	360.1	Vertical	PK	Pass		
	3	5888.1250	47.12	32.62	14.5	54	-6.88	360.1	Vertical	AV	Pass		
Ţ	4	9034.5000	39.32	9.86	29.46	74	-34.68	336.7	Vertical	PK	Pass		
Ш	4	9034.5000	31.9	9.86	22.04	54	-22.1	336.7	Vertical	AV	Pass		
	5	11745.0000	45.76	16.11	29.65	74	-28.24	-0.1	Vertical	PK	Pass		
	5	11745.0000	40.92	16.11	24.81	54	-13.08	-0.1	Vertical	AV	Pass		
	6	17829.0000	52.62	22.8	29.82	74	-21.38	332	Vertical	PK	Pass		
	6	17829.0000	45.43	22.8	22.63	54	-8.57	332	Vertical	AV	Pass		

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.

Please refer to Annex "Set Up Photos-15C" for test setup photos

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

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