

Settings

Page: 47 of 69

Peak (12~26.5GHz) 8DPSK 3M DH5 2402MHz GFSK_1M_DH5_2402MHz alyzer 12-26.5 Spectrum Analyzer 1-12_A Spectrum Analyzer 12-26.5 Swept SA Spectrum Analyzer 1-12_P Spectrum Analyzer 12-26.5 Spectrum Analyzer 1-12_A Spectrum Analyzer 12-26.5 Swept SA Swept SA Swept SA ٥ Ö Frequency v MAvg Type: Power (RMS 1 2 3 4 5 6 Avg|Hold: 5/5 Trig: Free Run KEYSIGHT Input RF Innut 7: 50.0 #Atten: 20 dB PNO: Fast KEYSIGHT Input RF #Atten: 20 dB Input Z: 50 Ω Center Frequency 19.250000000 GHz Align: Auto PNNNN 19.250000000 GHz Freq Ref: Int (S) Mkr1 25.546 9 GHz 14.5000000 GHz Mkr1 23.942 2 GHz 14.5000000 GHz Scale/Div 10 dB -40.78 dBr Scale/Div 10 dE -42.20 dB Swept Span Zero Span Swept Span Zero Span Full Span Full Span Start Freq 12.000000000 GHz Stop Freq 26.500000000 GHz AUTO TUNE #Video BW 3.0 MHz Stop 26,500 GHz Sweep ~27.8 ms (15001 pts) CF Step #Res BW 1.0 MHz Auto Man Mode Trace Scale X Y Function Function Width Function Value N 1 f 25.546 9 GHz -40.78 dBm -40.78 dBm</t Function Function Width Function Value 23.942 2 GHz -42.20 dBm Freq Offse 0 Hz Freq Offset 0 Hz X Axis Scale Log Signal Trace (Span Zoom) 1 5 C 2 ? Nov 29, 2024 9 3:56:08 PM 1 Nov 29, 2024 9 3:56:30 PM Signal Track 8DPSK_3M_DH5_2441MHz GFSK 1M DH5 2441MHz Spectrum Analyzer 1-12_P Spectrum A Swept SA zer 12-26.5 Spectrum Analyzer 1-12_A Spectrum Analyzer 12-26.5 Swept SA Frequency v Spectrum Analyzer 1-12_P Spectrum Analyzer 12-26.5 Spectrum Analyzer 1-12_A Spectrum Analyzer 12-26.5 Swept SA Swept SA Swept SA Swept SA ٥ KEYSIGHT Input RF #Avg Type: Power (RMS 1 Avg|Hold: 5/5 Trig: Free Run PNO: Fast Gate: Off IF Gain: Low MAvg Type: Power (RMS) 1 Avg|Hold: 5/5 Trig: Free Run Input Z: 50 Ω #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input RF Input Z: 50 Ω #Atten: 20 dE M WW WWW W Freq Ref: Int (S) 19.250000000 GHz Freg Ref: Int (S) Mkr1 25.967 4 GHz span 14.5000000 GHz Mkr1 26.410 1 GHz Span 14.5000000 GHz Ref Lvi Offset 10.80 dB Ref Level 20.80 dBm Ref Lvi Offset 10.80 dB Scale/Div 10 dB Scale/Div 10 dB -41.75 dBm Swept Span Zero Span Full Span Start Freq 12.000000000 GHz 12.000000000 GHz Stop Freq 26.500000000 GHz Stop Freq 26.500000000 GHz AUTO TUNE AUTO TUNE #Video RW 3.0 MH: #Res BW 1.0 MH Sweep ~27.8 ms (15001 pts) CF Step 1.450000000 GHz Auto Man Function Function Width Function Value Mode Trace Scale 25.967 4 GHz -41.75 dBm 26.410 1 GHz -41.25 dBm Freq Offset 0 Hz Freq Offse 0 Hz Log Lin 1 9 P Nov 29, 2024 9 3.55:45 PM Signal Trace 1 Nov 29, 2024 9 3:56:51 PM Signal Track 8DPSK 3M DH5 2480MHz GFSK 1M DH5 2480MHz Spectrum Analyzer 1-12_P Spectrum Analyzer 12-26.5 Spectrum Analyzer 1-12_A Spectrum Analyzer 12-26.5 Swept SA Swept SA Swept SA ♡ nalyzer 12-26.5 Spectrum Analyzer 1-12_A Spectrum Analyzer 12-26.5 Swept SA ٥ Frequency v Input Z: 50 Ω #Atten: 20 dB #Avg Type: Power (RMS 1 Avg|Hold: 5/5 Trig: Free Run KEYSIGHT Input RF PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input RF Input Z: 50 Ω #Atten: 20 dB Settings Align: Auto M WWWWW P N N N N N 19.250000000 GHz Freq Ref: Int (S) PNNNNN Span 14.5000000 GHz Mkr1 25.991 5 GHz Span 14.5000000 GHz Mkr1 26.124 9 GHz 1 Spectrum Ref Lvi Offset 10.80 dB Ref Level 20.80 dBm Ref Lvi Offset 10.80 dB Scale/Div 10 dB Scale/Div 10 dB -42.02 dBr Swept Span Zero Span Swept Span Zero Span Full Span 12.000000000 GHz Stop Freq AUTO TUNE AUTO TUNE Stop 26.500 GHz Sweep ~27.8 ms (15001 pts) CF Step #Video BW 3.0 MHz Stop 26.500 GHz Sweep ~27.8 ms (15001 pts) CF Step 1.450000000 GHz 5 Marker Table Auto Man Auto Man Mode Trace Scale Function Function Width Function Value X Y 25.991 5 GHz -42.02 dBm 26.124 9 GHz -42.58 dBm Freq Offse Freq Offse 0 Hz X Axis Sc Log Lin X Axis Scale Log Lin

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

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Page: 48 of 69

12.6.5 Radiated Spurious Emission

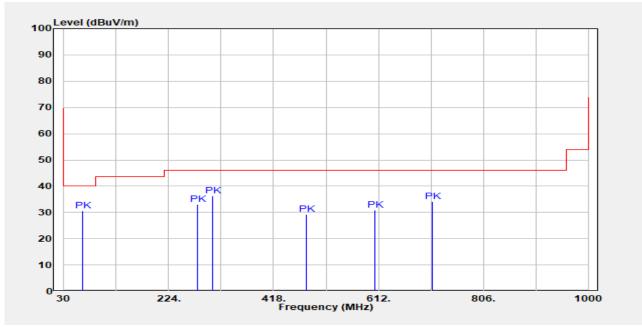
Report Number :TERF2411003329ER Test Site :SAC 3

Operation Mode :EDR 3M Test Date :2024-11-18

Test Frequency :2441 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Vertical

EUT Pol :H Plane Engineer :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
64.92	Peak	40.65	-9.96	30.69	40.00	-9.31
277.35	Peak	40.62	-7.65	32.97	46.00	-13.03
304.51	Peak	43.04	-6.82	36.22	46.00	-9.78
479.11	Peak	32.98	-3.59	29.39	46.00	-16.61
605.21	Peak	32.02	-1.13	30.89	46.00	-15.11
711.91	Peak	33.54	0.68	34.22	46.00	-11.78

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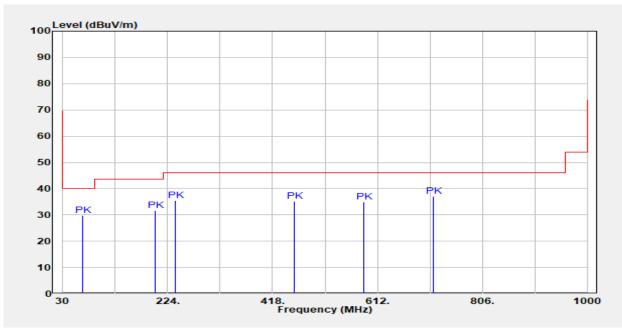
Page: 49 of 69

Report Number :TERF2411003329ER Test Site :SAC 3

Operation Mode :EDR 3M Test Date :2024-11-18
Test Frequency :2441 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Horizontal

EUT Pol :H Plane Engineer :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
65.89	Peak	39.93	-10.14	29.79	40.00	-10.21
200.72	Peak	42.58	-10.99	31.59	43.50	-11.91
238.55	Peak	44.63	-9.17	35.46	46.00	-10.54
457.77	Peak	39.03	-3.83	35.20	46.00	-10.80
586.78	Peak	36.55	-1.58	34.97	46.00	-11.03
715.79	Peak	36.20	0.80	37.00	46.00	-9.00

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Page: 50 of 69

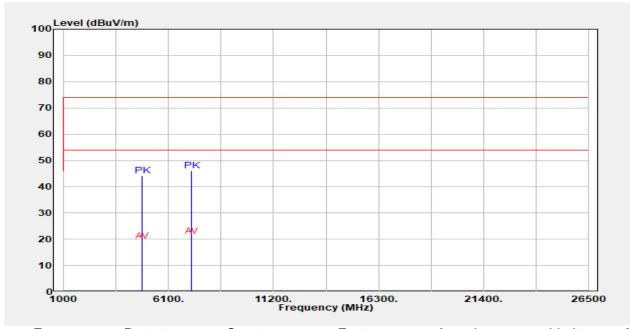
Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode Test Date :2024-11-18 :BR

Test Frequency :2402 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Vertical

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
4804.00	Peak	44.87	-0.62	44.25	74.00	-29.75
4804.00	Average	-	-	19.22	54.00	-34.78
7206.00	Peak	40.80	5.27	46.07	74.00	-27.93
7206.00	Average	-	-	21.04	54.00	-32.96

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 51 of 69

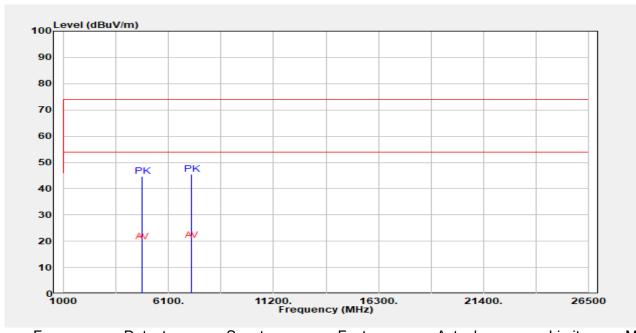
Report Number :TERF2411003329ER Test Site :SAC 3

Operation Mode :BR Test Date :2024-11-18

Test Frequency :2402 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Horizontal

EUT Pol :H Plane Engineer :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
4804.00	Peak	45.40	-0.62	44.78	74.00	-29.22
4804.00	Average	-	-	19.75	54.00	-34.25
7206.00	Peak	40.14	5.27	45.41	74.00	-28.59
7206.00	Average	-	-	20.38	54.00	-33.62

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 52 of 69

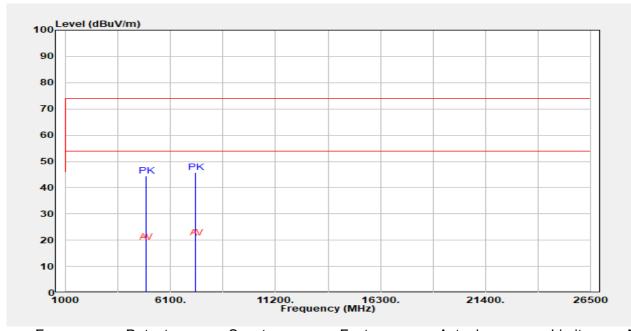
Report Number :TERF2411003329ER Test Site :SAC 3

Operation Mode :BR Test Date :2024-11-18

Test Frequency :2441 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Vertical

EUT Pol :H Plane Engineer :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV/m	dΒμV/m	dB
4882.00	Peak	44.79	-0.45	44.34	74.00	-29.66
4882.00	Average	-	-	19.31	54.00	-34.69
7323.00	Peak	40.54	5.35	45.89	74.00	-28.11
7323.00	Average	-	-	20.86	54.00	-33.14

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 53 of 69

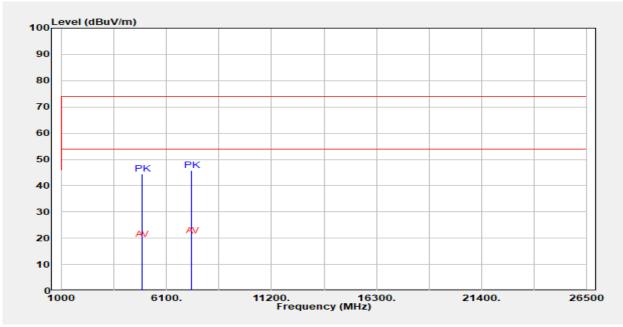
Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode Test Date :2024-11-18 :BR

Test Frequency :2441 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Horizontal

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
4882.00	Peak	44.89	-0.45	44.44	74.00	-29.56
4882.00	Average	-	-	19.41	54.00	-34.59
7323.00	Peak	40.55	5.35	45.90	74.00	-28.10
7323.00	Average	-	-	20.87	54.00	-33.13

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 54 of 69

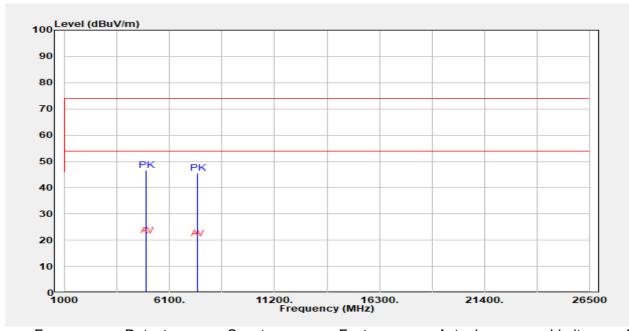
Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode Test Date :2024-11-18 :BR

Test Frequency :2480 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Vertical

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
4960.00	Peak	46.76	-0.11	46.65	74.00	-27.35
4960.00	Average	-	-	21.62	54.00	-32.38
7440.00	Peak	40.42	5.23	45.65	74.00	-28.35
7440.00	Average	-	-	20.62	54.00	-33.38

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 55 of 69

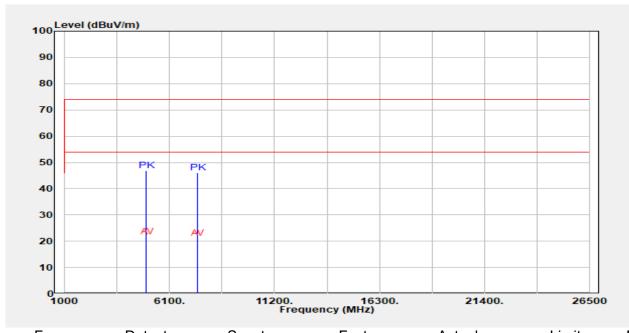
Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode Test Date :2024-11-18 :BR

Test Frequency :2480 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Horizontal

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dΒμV/m	dB
4960.00	Peak	46.87	-0.11	46.76	74.00	-27.24
4960.00	Average	-	-	21.73	54.00	-32.27
7440.00	Peak	40.84	5.23	46.07	74.00	-27.93
7440.00	Average	-	-	21.04	54.00	-32.96

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 56 of 69

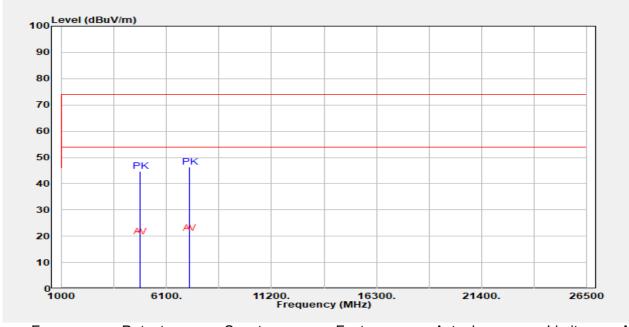
Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode **Test Date** :2024-11-18 :EDR 3M

Test Frequency :2402 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Vertical

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
						_
4804.00	Peak	45.44	-0.62	44.82	74.00	-29.18
4804.00	Average	-	-	19.79	54.00	-34.21
7206.00	Peak	41.01	5.27	46.28	74.00	-27.72
7206.00	Average	-	-	21.25	54.00	-32.75

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 57 of 69

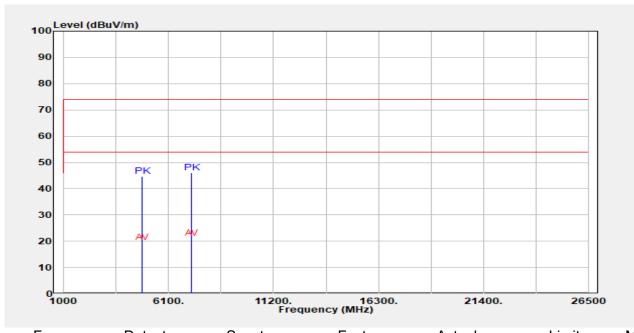
Report Number :TERF2411003329ER Test Site :SAC 3

Operation Mode :EDR 3M Test Date :2024-11-18

Test Frequency :2402 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Horizontal

EUT Pol :H Plane Engineer :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
						_
4804.00	Peak	45.21	-0.62	44.59	74.00	-29.41
4804.00	Average	-	-	19.56	54.00	-34.44
7206.00	Peak	40.82	5.27	46.09	74.00	-27.91
7206.00	Average	-	-	21.06	54.00	-32.94

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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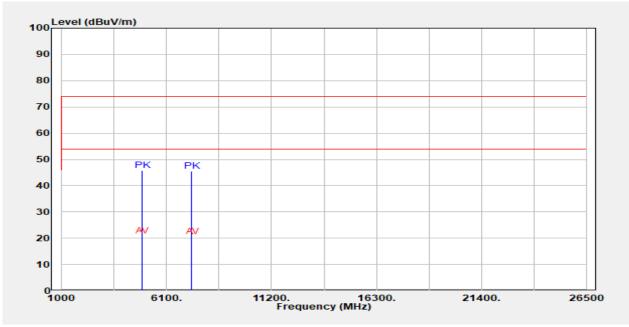
Page: 58 of 69

Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode Test Date :2024-11-18 :EDR 3M Test Frequency :2441 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Vertical

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
4882.00	Peak	46.25	-0.45	45.80	74.00	-28.20
4882.00	Average	-	-	20.77	54.00	-33.23
7323.00	Peak	40.30	5.35	45.65	74.00	-28.35
7323.00	Average	-	-	20.62	54.00	-33.38

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 59 of 69

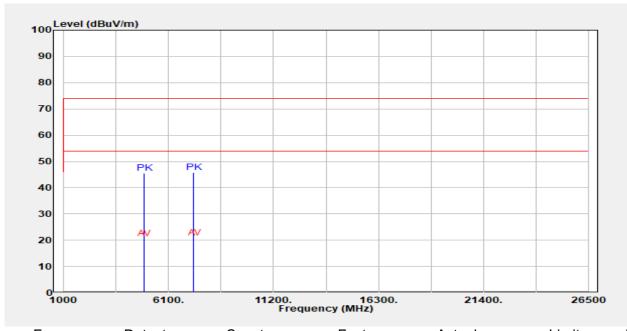
Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode **Test Date** :2024-11-18 :EDR 3M

Test Frequency :2441 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Horizontal

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
4882.00	Peak	45.96	-0.45	45.51	74.00	-28.49
4882.00	Average	-	-	20.48	54.00	-33.52
7323.00	Peak	40.49	5.35	45.84	74.00	-28.16
7323.00	Average	-	-	20.81	54.00	-33.19

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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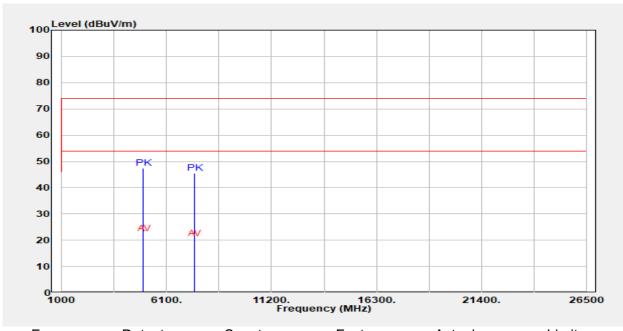
Page: 60 of 69

Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode **Test Date** :2024-11-18 :EDR 3M Test Frequency :2480 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Vertical

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV/m	dΒμV/m	dB
4960.00	Peak	47.62	-0.11	47.51	74.00	-26.49
4960.00	Average	-	-	22.48	54.00	-31.52
7440.00	Peak	40.39	5.23	45.62	74.00	-28.38
7440.00	Average	-	-	20.59	54.00	-33.41

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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Page: 61 of 69

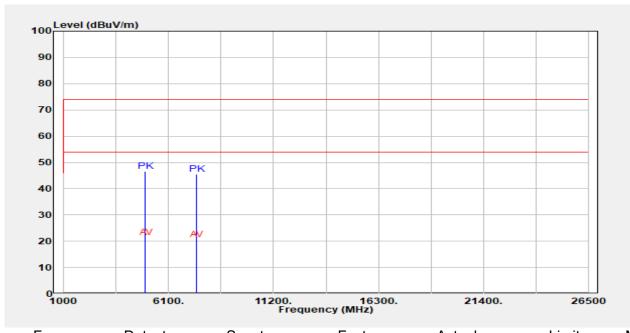
Report Number Test Site :SAC 3 :TERF2411003329ER

Operation Mode **Test Date** :2024-11-18 :EDR 3M

Test Frequency :2480 MHz Temp./Humi. :24.5°C/60%

Test Mode :Tx Antenna Pol. :Horizontal

Engineer **EUT Pol** :H Plane :Nick Lin



Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
						_
4960.00	Peak	46.59	-0.11	46.48	74.00	-27.52
4960.00	Average	-	-	21.45	54.00	-32.55
7440.00	Peak	40.31	5.23	45.54	74.00	-28.46
7440.00	Average	-	-	20.51	54.00	-33.49

Average Duty Cycle Factor=-25.03 (dB)

Average Level= Peak Level+ Duty Cycle Factor

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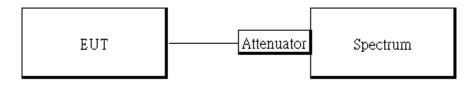
Page: 62 of 69

13 NUMBER OF HOPPING FREQUENCY

Standard Applicable

Frequency hopping systems operating in the 2400MHz-2483.5 MHz bands shall use at least 15 hopping frequencies.

13.2 Test Setup



13.3 Measurement Procedure

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. The testing follows ANSI C63.10:2020.
- 3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 4. Set spectrum analyzer Start=2400MHz, Stop = 2483.5MHz, Sweep = auto.
- 5. Set the spectrum analyzer as RBW = 30% of the channel spacing, VBW ≥ RBW., Detector = Peak
- 6. Max hold, view and count how many channel in the band.

Measurement Result 13.4

Tabular Data of Total Channel Number

	Channel Number	Limit
2.4 GHz – 2.441 GHz	40	
2.441 GHz – 2.4835 GHz	39	>15
2.4 GHz ~2.4835 GHz	(40+39) = 79	

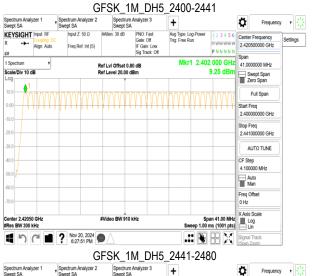
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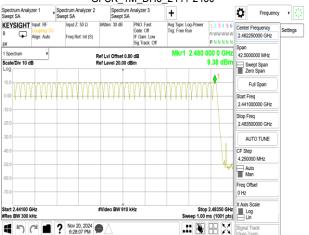
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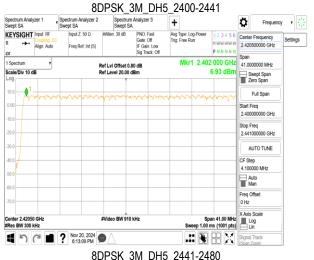
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Page: 63 of 69









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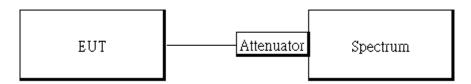
Page: 64 of 69

14 TIME OF OCCUPANCY (DWELL TIME)

Standard Applicable

Frequency hopping systems operating in the 2400MHz-2483.5MHz. The average time of occupancy on any frequency shall not greater than 0.4 s within period of 0.4 seconds multiplied by the number of hopping channel employed.

14.2 Test Setup



14.3 **Measurement Procedure**

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. The testing follows ANSI C63.10:2020.
- 3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 4. Set center frequency of spectrum analyzer = operating frequency.
- 5. Set the spectrum analyzer as RBW, VBW=1MHz, 3MHz, Span = 0Hz, Detector = Peak, Adjust Sweep = 2~8ms.
- 6. Repeat above procedures until all frequency of the interest measured were complete.

Formula Deduced: time occupancy of one time slot X Hopping rate / total slot in one channel / total channel that hops X period of working channels.

Where, standard hopping rate is 1600 hops/s, slot in one channel for DH1, DH3, and DH5 is 2, 4, and 6, respectively.

DH1 consists of single time slot of the uplink, and one slot of the downlink Total Slot: 2 DH3 consists of three time slot of the uplink, and one slot of the downlink. Total Slot: 4 DH5 consists of five time slot of the uplink, and one slot of the downlink. Total Slot: 6

Note: the result of the complete test default channel at 1Mbps is recorded on the test report, 2Mbps, and 3Mbps only records the measurement result at middle channel that reveals no much deviation.

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Page: 65 of 69

14.4 Measurement Result

GFSK (1Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)		
	DH1	121.60	400		
39	DH3	260.80	400		
	DH5	307.20	400		

π/4 DQPSK (2Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)		
	2DH1	123.20	400		
39	2DH3	262.40	400		
	2DH5	307.20	400		

8-DPSK (3Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)		
	3DH1	121.60	400		
39	3DH3	260.80	400		
	3DH5	307.20	400		

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Page: 66 of 69

GFSK (1Mbps):

CH Mid	DH1 time slot	=	0.380 *	(1600/2/79)	*	31.6 =	121.60 (ms)
	DH3 time slot	=	1.630 *	(1600/4/79)	*	31.6 =	260.80 (ms)
	DH5 time slot	=	2.880 *	(1600/6/79)	*	31.6 =	307.20 (ms)

$\pi/4$ -DQPSK (2Mbps):

CH Mid	2DH1 time slot	=	0.385 *	(1600/2/79)	*	31.6	=	123.20 (ms)
	2DH3 time slot	=	1.640 *	(1600/4/79)	*	31.6	=	262.40 (ms)
	2DH5 time slot	=	2 880 *	(1600/6/79)	*	31.6	=	307.20 (ms)

8-DPSK (3Mbps):

CH Mid	3DH1 time slot	=	0.380 *	(1600/2/79)	*	31.6	=	121.60 (ms)
	3DH3 time slot	=	1.630 *	(1600/4/79)	*	31.6	=	260.80 (ms)
	3DH5 time slot	=	2.880 *	(1600/6/79)	*	31.6	=	307.20 (ms)

A period time = 0.4 (s) * 79 = 31.6 (s)

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Page: 68 of 69

Dwell Time 8DPSK 3M DH1 2441MHz Spectrum Analyzer 1 Swept SA + Ö KEYSIGHT Input RF Innut 7: 50 0 Center Fr Settings PNNNN ΔMkr3 1.250 ms Span 0.000000000 Hz Ref Lvi Offset 0.80 dB Ref Level 20.00 dBm Stop Freq AUTO TUNE Res BW 1.0 MHz Sweep 5.00 ms (1001 5 Marker Table ./lode Δ2 F Auto Man (A) 380.0 μs (Δ) 3.487 dB 710.0 μs 6.874 dBm Freq Offse X Axis Sca Log ■ Nov 11, 2024 9:54:07 PM .: 👺 Dwell Time 8DPSK 3M DH3 2441MHz Ö PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input RF Align: Auto Freq Ref: Int (S) Span 0.00000000 Hz ΔMkr3 2.500 ms Ref Lvl Offset 0.80 dB 0.01 dB Swept Span Scale/Div 10 dE Full Spar Start Freq 2.441000000 GHz AUTO TUNE Span 0 Hz Sweep 10.0 ms (1001 pts) Function Function Width Function Value X Y 1.630 ms (Δ) 1.706 dB 1.400 ms 9.673 dBm 2.500 ms (Δ) 0.01176 dB 1.400 ms 9.673 dBm (Δ) Freq Offset 0 Hz X Axis Scale # ₩ Dwell Time 8DPSK 3M DH5 2441MHz Ö Frequency v KEYSIGHT Input: RF Center Frequency Freq Ref: Int (S) 2.441000000 GH ΔMkr3 3.750 ms span 0.00000000 Hz Scale/Div 10 dB 0.01 dB Swept Span Zero Span Full Span 2.441000000 GHz #Video BW 3.0 MHz Res BW 1.0 MHz Sweep 15.0 ms (1001 pts) CF Step

Function Function Width Function Value

1.000000 MHz
Auto
Man

Freq Offset 0 Hz X Axis Scal Log Lin

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■ Nov 11, 2024 9.55:57 PM

2.880 ms (Δ) 1.537 dB



Page: 69 of 69

15 ANTENNA REQUIREMENT

15.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

15.2 Antenna Connected Construction:

The antenna complies with this requirement and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有的时,此起此结用陈彤测过了薛里看来,同时此锋里陈尼阿尔王,大起先生便大人司皇帝统可,无可如以强制。

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