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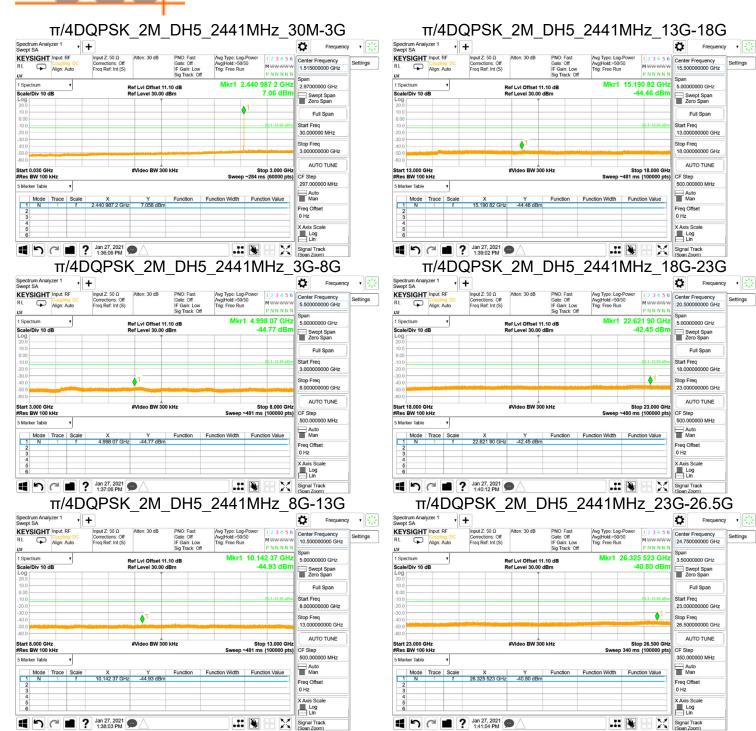
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un. SGS Taiwan Ltd. No.p134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號



Report No.: E2/2020/90090

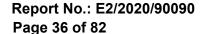
Page 35 of 82

$\pi/4DQPSK$ 2M DH5 2480MHz 30M-3G $\pi/4DQPSK_2M_DH5_2480MHz_13G-18G$ Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF ø KEYSIGHT Input RF Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) Align: Auto Coupling: L Align: Auto Mkr1 13.641 71 GHz 80 142 3 GHz Ref LvI Offset 11.10 dB Ref Level 30.00 dBm Scale/Div 10 dB 7.04 dBr Scale/Div 10 dE Swept Span Zero Span Swept Span Zero Span Full Span Full Span 13.000000000 GHz Stop Freq 3.000000000 GHz AUTO TUNE Auto Man Auto Man Mode Trace Scale X N 1 f 2.480 142 3 GHz Mode Trace Scale X 13.641 71 GHz -44.86 dBm Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log Lin X Axis Scale Log Lin Signal Track (Span Zoom) ¶ 5 7 13 27, 2021 9 1:44:29 PM Signal Track (Span Zoom) 1 9 A 27, 2021 1:49:41 PM π/4DQPSK 2M DH5 2480MHz 3G-8G $\pi/4DQPSK$ 2M DH5 2480MHz 18G-23G Frequency • -:-Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) KEYSIGHT Input RF Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) KEYSIGHT Input RE Coupling: E Align: Auto Align: Auto Mkr1 3.854 11 GHz Mkr1 22.543 05 GHz Span 5.00000000 GHz Ref Lvi Offset 11.10 dB Ref Lvi Offset 11.10 dB 45.10 dBi Scale/Div 10 dE Scale/Div 10 dE Swept Span Zero Span Swept Span Zero Span Full Span Full Span Start Freq 3.000000000 GHz Start Freq 18.000000000 GHz 23.000000000 GHz 8.000000000 GHz AUTO TUNE AUTO TUNE #Video BW 300 kHz Stop 23.000 G Sweep ~480 ms (100000 p CF Step 500.000000 MHz CF Step 500.000000 MHz Auto Man Mode Trace Scale Function Function Width Function Value Function Function Width Function Value X T 3.854 11 GHz -45.10 dBm X Y 22.543 05 GHz -42.22 dBm Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log Lin 4 9 P 1 3 Jan 27, 2021 9 1:47:08 PM Signal Track Signal Track .:: 🖫 150:45 PM .:: 🖫 π/4DQPSK 2M DH5 2480MHz 8G-13G π/4DQPSK 2M DH5 2480MHz 23G-26.5G ♡ RL Coupling: Align: Auf Center Fre Center Frequency 10.500000000 GHz Center Free Center Frequency 24.750000000 GHz Corrections: Off Freq Ref: Int (S) Corrections: Off Freq Ref: Int (S) Align: Auto 10.162 57 GHz Mkr1 26.241 242 GHz Ref LvI Offset 11.10 dB Ref Level 30.00 dBm 5.00000000 GHz Ref Lvi Offset 11.10 dB 3.50000000 GHz Scale/Div 10 dB Scale/Div 10 dB 44.79 dB Full Span Start Freq 8.000000000 GHz Start Freq 23.000000000 GHz • Stop Freq 13.000000000 GHz AUTO TUNE AUTO TUNE CF Step CF Step 500.000000 MHz 350.000000 MHz Auto Man Auto Man Mode Trace Scale Function Value Mode Trace Scale Function Function Width Function Value X 26.241 242 GHz Freq Offse 0 Hz Log Log Signal Trac Signal Track (Soan Zoom) Jan 27, 2021 9 1:48:32 PM Jan 27, 2021 9 1:51:48 PM

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8DPSK 3M DH5 2402MHz 30M-3G 8DPSK_3M_DH5_2402MHz_13G-18G KEYSIGHT Input RF KEYSIGHT Input RF Span 5.00000000 GHz 14.285 46 GHz Mkr1 2.402 129 0 GHz Ref Lvi Offset 11.10 dB Ref Level 30.00 dBm Scale/Div 10 dE 6.79 dBr Scale/Div 10 dE -44.48 dBr Swept Span Zero Span Swept Span Zero Span Full Span Full Span Start Freq 13.000000000 GHz Stop Freq 3.000000000 GHz AUTO TUNE 5 Marker Table Auto Man Auto Man Mode Trace Scale X T N 1 f 2.402 129 0 GHz 6.793 dBm X 14.285 46 GHz -44.48 dBm Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log Lin X Axis Scale Log Lin 4 5 C 2 3an 27, 2021 9 1:55:19 PM .:: 👺 ::: Signal Track (Span Zoom) 4 9 A 127, 2021 2:00:13 PM .:: 👺 ::: Signal Track (Span Zoom) 8DPSK 3M DH5 2402MHz 3G-8G 8DPSK 3M DH5 2402MHz 18G-23G Frequency • -:-Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) KEYSIGHT Input: RF KEYSIGHT Input: RF Align: Auto Mkr1 3.801 26 GHz Mkr1 22.370 39 GHz Span 5.00000000 GHz Ref Lvi Offset 11.10 dB Ref Lvi Offset 11.10 dB Scale/Div 10 dE Swept Span Zero Span Swept Span Zero Span Full Span Full Span Start Freq 3.000000000 GHz Start Freq 18.000000000 GHz • Stop Freq 23.000000000 GHz 8.000000000 GHz AUTO TUNE #Video BW 300 kHz Stop 23.000 Gi veep ~480 ms (100000 p CF Step 500.000000 MHz CF Step 500.000000 MHz Auto Man Mode Trace Scale Function Function Width Function Value Function Function Width Function Value X Y 3.801 26 GHz -44.19 dBm X 22.370 39 GHz -41.48 dBm Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log 4 9 P 1 3 Jan 27, 2021 9 Signal Track 1 9 P 2:01:54 PM Signal Track .:: 🖫 8DPSK 3M DH5 2402MHz 8G-13G 8DPSK 3M DH5 2402MHz 23G-26.5G KEYSIGHT Input: RF RL Coupling: Align: Auto RL Coupling: Align: Auf Center Fre Center Frequency 10.500000000 GHz Center Fre Center Frequency 24.750000000 GHz Corrections: Off Freq Ref: Int (S) 10.659 43 GHz Mkr1 26.197 772 GHz Ref Level 30.00 dBm 5.00000000 GHz Ref Lvi Offset 11.10 dB 3.50000000 GHz Scale/Div 10 dB 45.54 dB Swept Span Zero Span Full Span Start Freq 8.000000000 GHz Start Freq 23.000000000 GHz • Stop Freq 13.000000000 GHz AUTO TUNE AUTO TUNE CF Step CF Step

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500.000000 MHz

Auto Man

Log Lin

Function Value

Signal Trac

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Mode Trace Scale

Jan 27, 2021 9 1:58:58 PM

Mode Trace Scale

Jan 27, 2021 2:02:58 PM

www.sgs.com.tw

350.000000 MHz

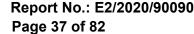
Auto Man

Freq Offse 0 Hz

Log

Signal Track

Function Value





8DPSK 3M DH5 2441MHz 30M-3G 8DPSK 3M DH5 2441MHz 13G-18G ٥ KEYSIGHT Input RF KEYSIGHT Input RF Span 5.00000000 GHz 14.498 11 GHz Mkr1 2.441 135 7 GHz Scale/Div 10 dE 7.07 dBr Scale/Div 10 dE -44.15 dBr Swept Span Zero Span Swept Span Zero Span Full Span Full Span Start Freq 13.000000000 GHz Stop Freq 3.000000000 GHz AUTO TUNE 5 Marker Table Auto Man Auto Man Mode Trace Scale X N 1 f 2.441 135 7 GHz X 14,498 11 GHz -44,15 dBm Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log Lin X Axis Scale Log Lin 4 5 C 2 2.05:05 PM .:: 👺 ::: Signal Track (Span Zoom) ■ ? Jan 27, 2021 **■** ? 2:07:56 PM .:: 👺 ::: Signal Track (Span Zoom) 8DPSK 3M DH5 2441MHz 3G-8G 8DPSK 3M DH5 2441MHz 18G-23G Frequency • -:-Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) KEYSIGHT Input: RF KEYSIGHT Input: RF Align: Auto Mkr1 3.828 66 GHz Mkr1 20.862 83 GHz Span 5.00000000 GHz Ref Lvi Offset 11.10 dB Ref Lvi Offset 11.10 dB 45.09 dBi Scale/Div 10 dE 41.21 dBr Swept Span Zero Span Swept Span Zero Span Full Span Full Span Start Freq 3.000000000 GHz Start Freq 18.000000000 GHz • Stop Freq 23.000000000 GHz 8.000000000 GHz AUTO TUNE AUTO TUNE #Video BW 300 kHz #Video BW 300 kHz CF Step 500.000000 MHz CF Step 500.000000 MHz Auto Man Function Width Function Value Mode Trace Scale Function Function Width Function Value X Y 3.828 66 GHz -45.09 dBm X 20.862 83 GHz -41.21 dBm Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log 4 9 P 2:06:05 PM Signal Track 1 9 P 2:08:57 PM Signal Track .:: 🚱 8DPSK 3M DH5 2441MHz 8G-13G 8DPSK 3M DH5 2441MHz 23G-26.5G



KEYSIGHT Input: RF
RL Coupling: Align: Auto Center Fre 24.750000000 GHz Corrections: Off Freq Ref: Int (S) Mkr1 26.240 192 GHz Ref Lvi Offset 11.10 dB 3.50000000 GHz -41.09 dB Swept Span Zero Span Full Span Start Freq 23.000000000 GHz AUTO TUNE CF Step 350.000000 MHz Auto Man Mode Trace Scale Function Value X 26.240 192 GHz Freq Offse 0 Hz Log Signal Track (Soan Zoom) Jan 27, 2021 9 2:10:03 PM

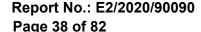
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Signal Trac

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Jan 27, 2021 9 2:07:01 PM





8DPSK 3M DH5 2480MHz 30M-3G 8DPSK_3M_DH5_2480MHz_13G-18G ٥ KEYSIGHT Input RF KEYSIGHT Input RF Span 5.00000000 GHz 13.631 01 GHz Mkr1 2.479 993 8 GHz Ref Lvi Offset 11.10 dB Ref Level 30.00 dBm Scale/Div 10 dE 6.86 dBr Scale/Div 10 dE Swept Span Zero Span Swept Span Zero Span Full Span Full Span 13.000000000 GHz Stop Freq 3.000000000 GHz AUTO TUNE Auto Man Auto Man Mode Trace Scale X T N 1 f 2.479 993 8 GHz 6.863 dBm X 13.631 01 GHz Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log Lin X Axis Scale Log Lin ■ 9 An 27, 2021 ■ ? Jan 27, 2021 ■ .:: 👺 ::: Signal Track (Span Zoom) 4 9 A 127, 2021 2:16:20 PM .:: 👺 ::: Signal Track (Span Zoom) 8DPSK 3M DH5 2480MHz 3G-8G 8DPSK 3M DH5 2480MHz 18G-23G Frequency • -:-Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) KEYSIGHT Input: RF KEYSIGHT Input: RF Align: Auto Mkr1 3.802 21 GHz 5.00000000 GHz Mkr1 22.561 00 GHz Span 5.00000000 GHz Ref Lvi Offset 11.10 dB Ref Lvi Offset 11.10 dB Scale/Div 10 dE Swept Span Zero Span Swept Span Zero Span Full Span Full Span Start Freq 3.000000000 GHz Start Freq 18.000000000 GHz • Stop Freq 23.000000000 GHz 8.000000000 GHz AUTO TUNE AUTO TUNE #Video BW 300 kHz Stop 23.000 G Sweep ~480 ms (100000 p CF Step 500.000000 MHz CF Step 500.000000 MHz Auto Man X Y 3.802 21 GHz -44.55 dBm X 22.561 00 GHz -42.14 dBm Freq Offset 0 Hz Freq Offset 0 Hz X Axis Scale Log 4 9 P 214:26 PM Signal Track Signal Track ■ ? Jan 27, 2021 **●** 2:17:21 PM 8DPSK 3M DH5 2480MHz 8G-13G 8DPSK 3M DH5 2480MHz 23G-26.5G KEYSIGHT Input: RF RL Coupling: Align: Auto KEYSIGHT Input RF Center Fre Center Frequency 10.500000000 GHz Center Fre 24.750000000 GHz Corrections: Off Freq Ref: Int (S) \Box 26.457 265 GHz Ref Level 30.00 dBm 5.00000000 GHz Ref Lvi Offset 11.10 dB 3.50000000 GHz Scale/Div 10 dB -44.91 dB -40.19 dBr Start Freq 8.000000000 GHz Start Freq 23.000000000 GHz Stop Freq 13.000000000 GHz •

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AUTO TUNE

500.000000 MHz

CF Step

Auto Man

Log

Function Value

Signal Trac

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Mode Trace Scale

■ ? Jan 27, 2021 **■** ? 2:18:17 PM

Mode Trace Scale

Jan 27, 2021 9 2:15:25 PM

AUTO TUNE

350.000000 MHz

CF Step

Auto Man

Freq Offse 0 Hz X Axis Sca Log Lin

Signal Track (Span Zoom)

Function Function Width Function Value