



n77(3700~3980 MHz)\_90 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB

F-TP22-03 (Rev. 06) Page 564 of 700

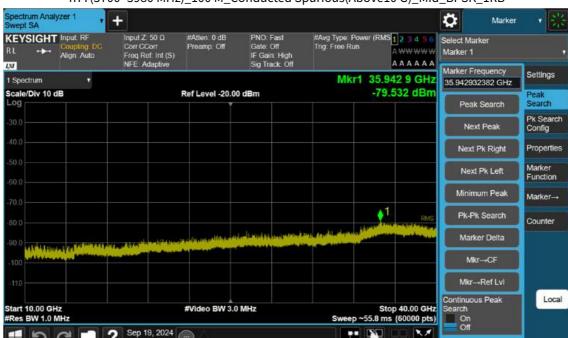




n77(3700~3980 MHz)\_100 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB

F-TP22-03 (Rev. 06) Page 565 of 700





n77(3700~3980 MHz)\_100 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB

F-TP22-03 (Rev. 06) Page 566 of 700



#### Ö Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive PNO: Fast Gate: Off IF Gain: High Sig Track: Off #Avg Type Power (RMS 1 2 3 4 5 6 Trig: Free Run KEYSIGHT Input: RF #Atten: 0 dB Preamp: Off Select Marker Align Auto Marker 1 AAAAAA LNI Marker Frequency 36.022933716 GHz Settings Mkr1 36.022 9 GHz Ref Level -20.00 dBm -79.261 dBm Scale/Div 10 dB Peak Search Pk Search Config Next Peak Next Pk Right Properties Marker Function Next Pk Left Minimum Peak Marker-Pk-Pk Search Counter Marker Delta Mkr→Ref Lvl Continuous Peak Search Local #Video BW 3.0 MHz Stop 40.00 GHz ~55.8 ms (60000 pts) Start 10.00 GHz #Res BW 1.0 MHz On Off

n77(3700~3980 MHz)\_100 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB

F-TP22-03 (Rev. 06) Page 567 of 700

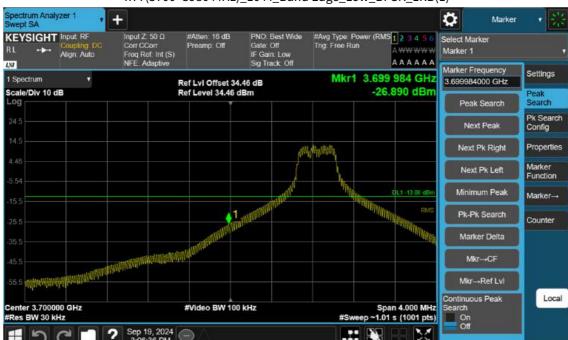




n77(3700~3980 MHz)\_10 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 568 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 569 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 570 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 571 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 572 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 573 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 574 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 575 of 700

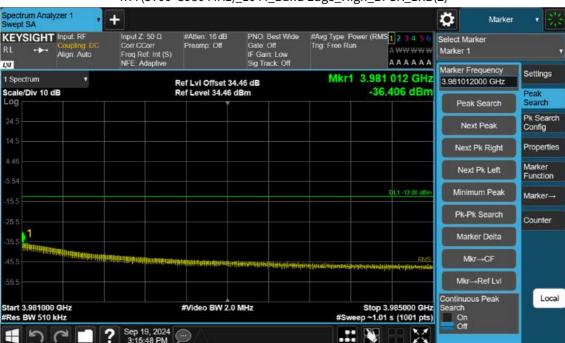




## n77(3700~3980 MHz)\_10 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 576 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 577 of 700





# n77(3700~3980 MHz)\_10 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 578 of 700





n77(3700~3980 MHz)\_10 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 579 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 580 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 581 of 700





# n77(3700~3980 MHz)\_15 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 582 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 583 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 584 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 585 of 700

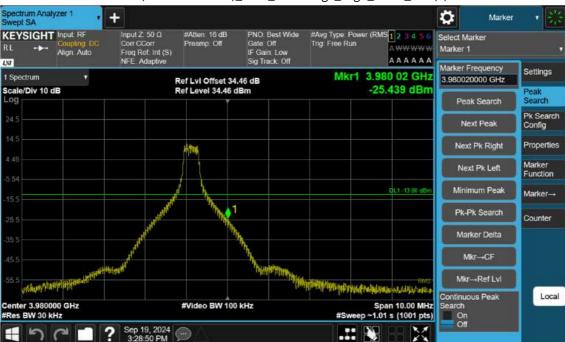




n77(3700~3980 MHz)\_15 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 586 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 587 of 700





### n77(3700~3980 MHz)\_15 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 588 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 589 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 590 of 700





n77(3700~3980 MHz)\_15 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 591 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 592 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 593 of 700

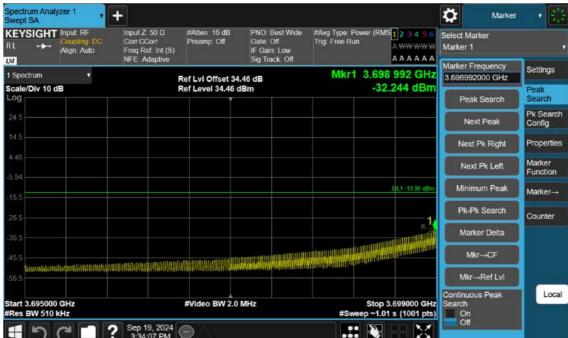




### n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 594 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 595 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 596 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 597 of 700

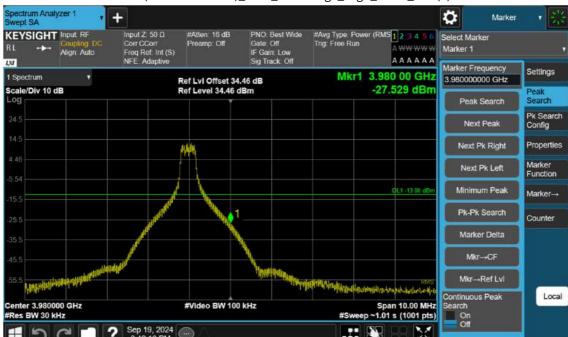




n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 598 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 599 of 700





# n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 600 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 601 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 602 of 700





n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 603 of 700

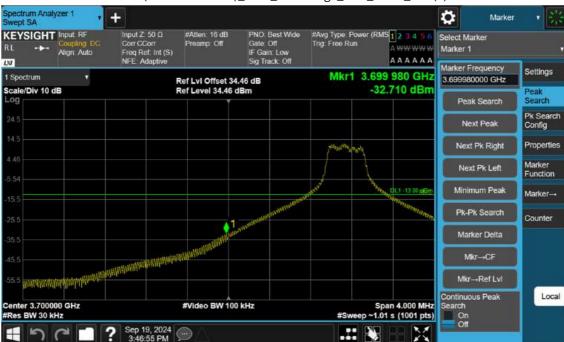




n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 604 of 700





n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 605 of 700

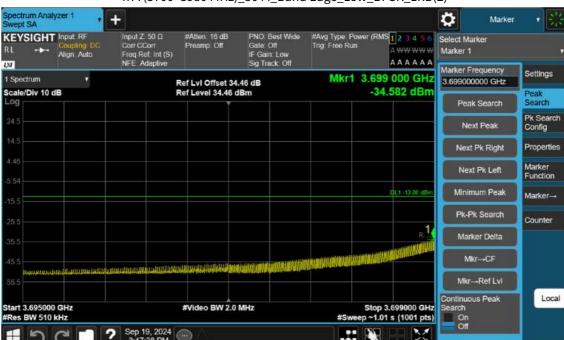




### n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 606 of 700





n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 607 of 700





n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 608 of 700

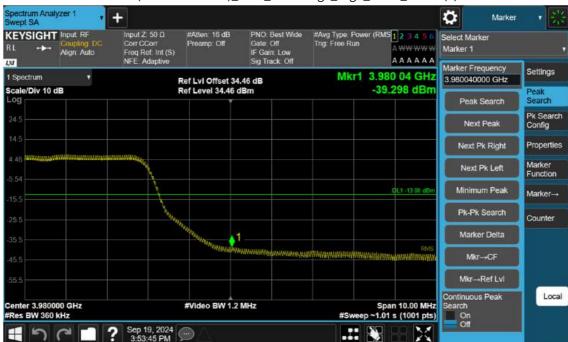




n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 609 of 700

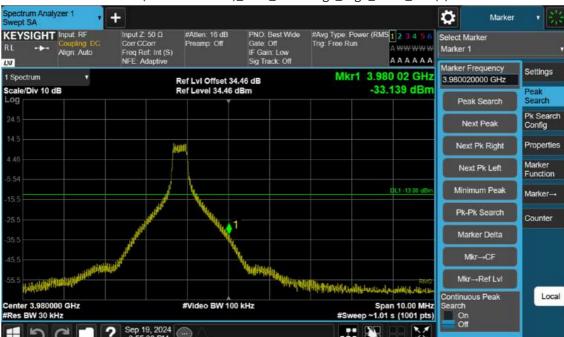




n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 610 of 700





n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 611 of 700





# n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 612 of 700





n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 613 of 700





## n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 614 of 700





n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 615 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 616 of 700

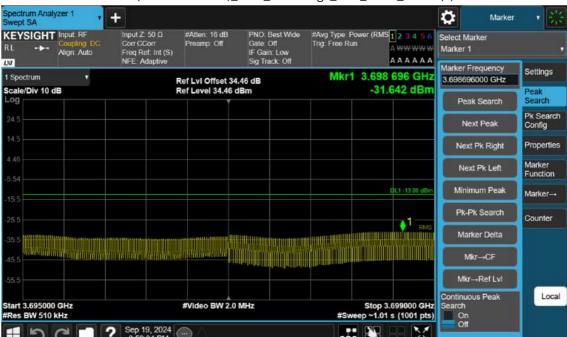




n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 617 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 618 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 619 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 620 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 621 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 622 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 623 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 624 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 625 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 626 of 700





n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 627 of 700





# n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 628 of 700

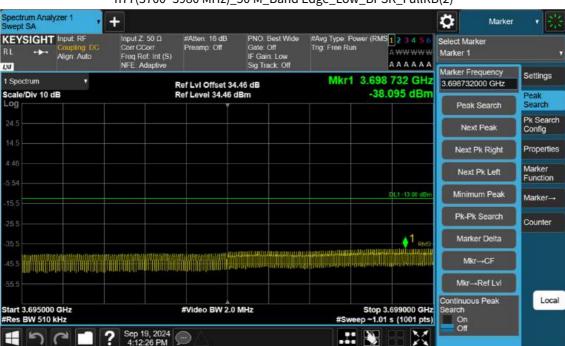




n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 629 of 700

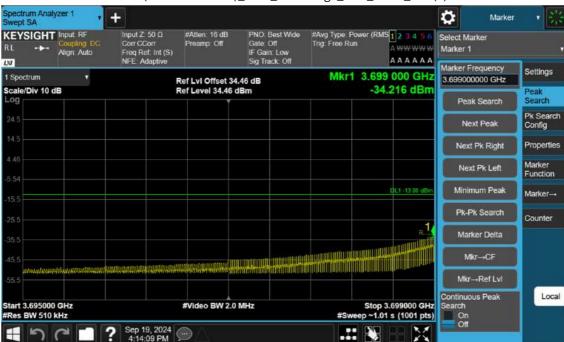




# n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 630 of 700





n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 631 of 700





n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 632 of 700

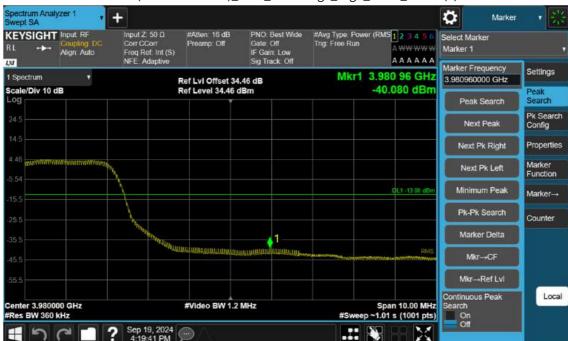




n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 633 of 700





n77(3700~3980 MHz)\_50 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 634 of 700





n77(3700~3980 MHz)\_50 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 635 of 700





### n77(3700~3980 MHz)\_50 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 636 of 700





n77(3700~3980 MHz)\_50 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 637 of 700





n77(3700~3980 MHz)\_50 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 638 of 700





n77(3700~3980 MHz)\_50 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 639 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 640 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 641 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 642 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 643 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 644 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 645 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 646 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 647 of 700





### n77(3700~3980 MHz)\_60 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 648 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 649 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 650 of 700





n77(3700~3980 MHz)\_60 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 651 of 700

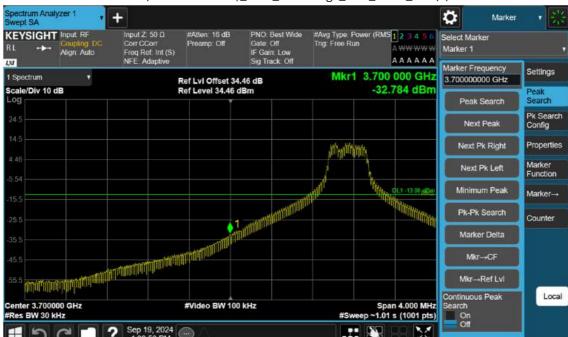




n77(3700~3980 MHz)\_70 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 652 of 700





n77(3700~3980 MHz)\_70 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 653 of 700





# n77(3700~3980 MHz)\_70 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 654 of 700





 $n77(3700{\sim}3980~\text{MHz})\_70~\text{M\_Band}~\text{Edge\_Low\_BPSK\_1RB(2)}$ 

F-TP22-03 (Rev. 06) Page 655 of 700





n77(3700~3980 MHz)\_70 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 656 of 700





n77(3700~3980 MHz)\_70 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 657 of 700





n77(3700~3980 MHz)\_70 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 658 of 700





n77(3700~3980 MHz)\_70 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 659 of 700





# n77(3700~3980 MHz)\_70 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 660 of 700





n77(3700~3980 MHz)\_70 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 661 of 700





### n77(3700~3980 MHz)\_70 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 662 of 700





n77(3700~3980 MHz)\_70 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 663 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 664 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 665 of 700

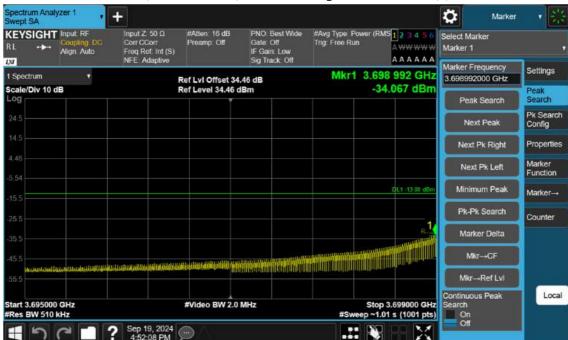




n77(3700~3980 MHz)\_80 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 666 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 667 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 668 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 669 of 700

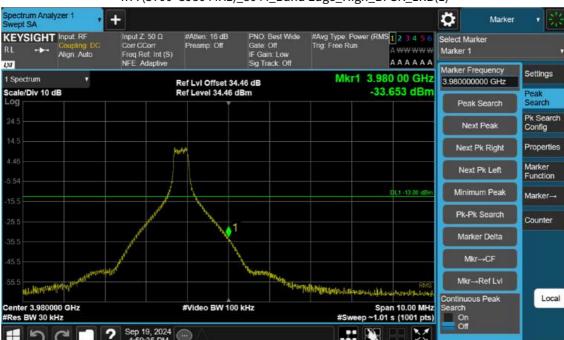




n77(3700~3980 MHz)\_80 M\_Band Edge\_High\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 670 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_High\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 671 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_High\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 672 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_High\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 673 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_High\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 674 of 700





n77(3700~3980 MHz)\_80 M\_Band Edge\_High\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 675 of 700





n77(3700~3980 MHz)\_90 M\_Band Edge\_Low\_BPSK\_FullRB(1)

F-TP22-03 (Rev. 06) Page 676 of 700





n77(3700~3980 MHz)\_90 M\_Band Edge\_Low\_BPSK\_1RB(1)

F-TP22-03 (Rev. 06) Page 677 of 700

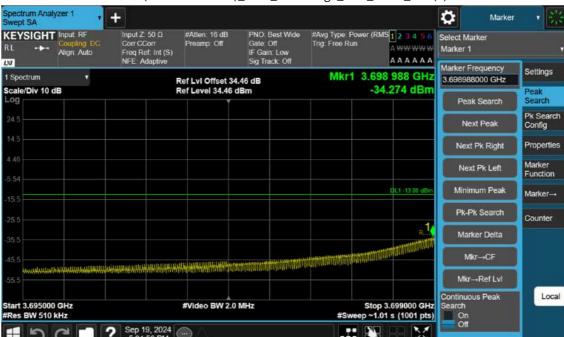




# n77(3700~3980 MHz)\_90 M\_Band Edge\_Low\_BPSK\_FullRB(2)

F-TP22-03 (Rev. 06) Page 678 of 700





n77(3700~3980 MHz)\_90 M\_Band Edge\_Low\_BPSK\_1RB(2)

F-TP22-03 (Rev. 06) Page 679 of 700





n77(3700~3980 MHz)\_90 M\_Band Edge\_Low\_BPSK\_FullRB(3)

F-TP22-03 (Rev. 06) Page 680 of 700





n77(3700~3980 MHz)\_90 M\_Band Edge\_Low\_BPSK\_1RB(3)

F-TP22-03 (Rev. 06) Page 681 of 700