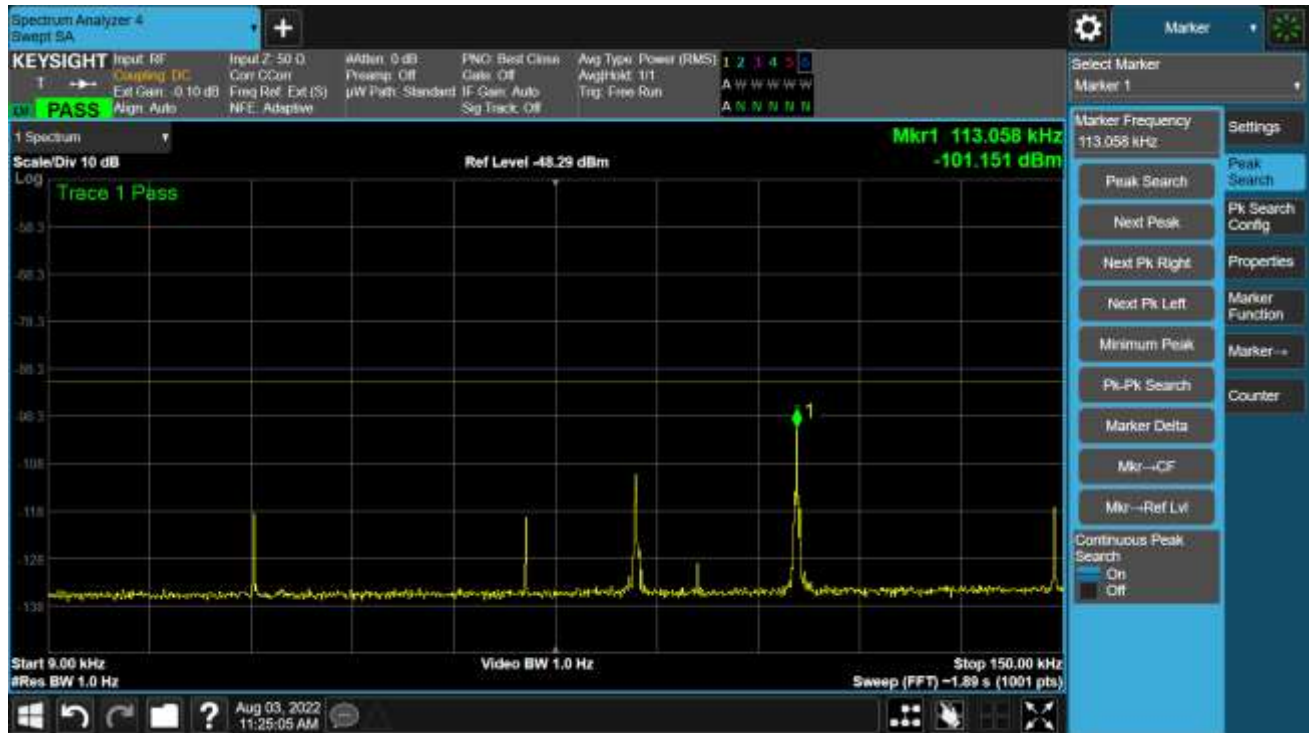


Variant SCS 60KHz

13.7 Figure Configuration 15_B





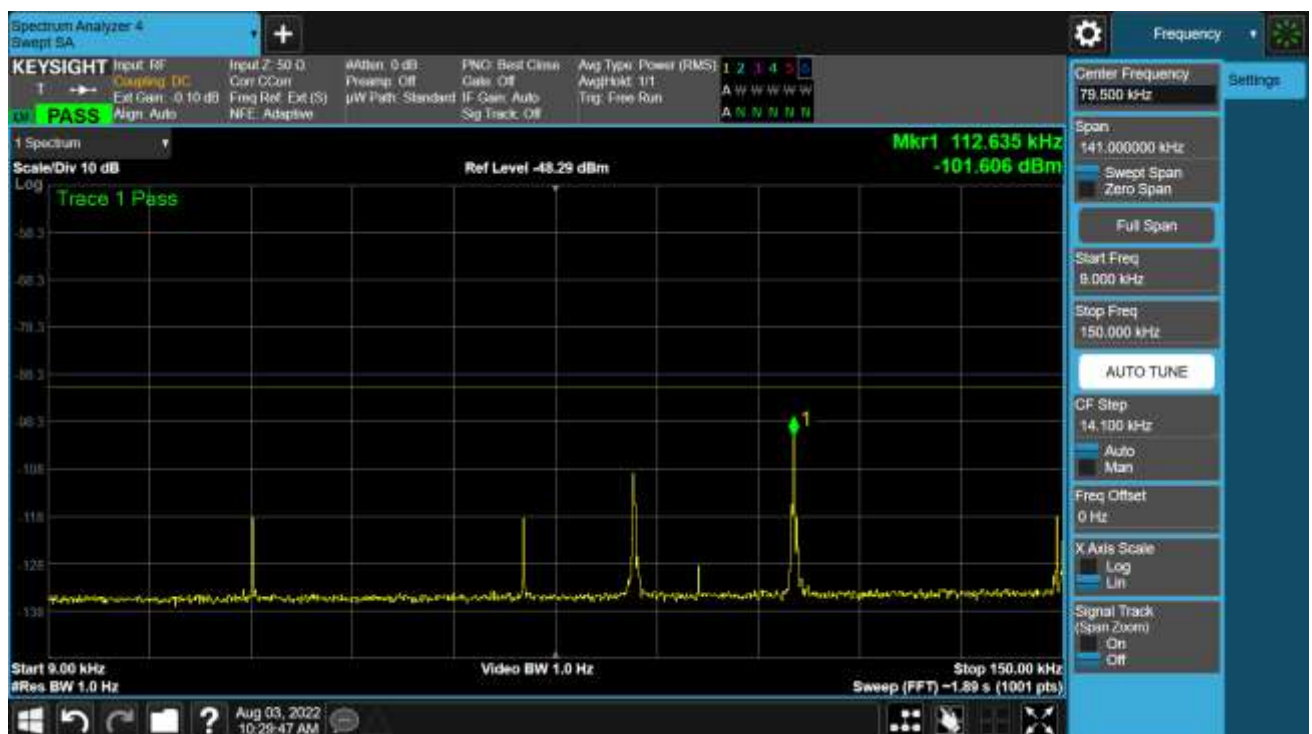








13.8 Figure Configuration 15_T













Test Item 6
SPURIOUS EMISSIONS AT ANTENNA TERMINALS – BAND EDGE

14 Result Table

Test Item	Test Environment	EUT Config.	Measured CH	Test Model	Result	Test Model	Result
SPURIOUS EMISSIONS AT ANTENNA TERMINALS – BAND EDGE	NTNV	Conf. No. 1	CH24 & CH3	TM1.1	Pass	TM3.1, TM3.1a	Pass
		Conf. No. 2			Pass		Pass
		Conf. No. 3			Pass		Pass
		Conf. No. 4			Pass		Pass
		Conf. No. 5			Pass		Pass
		Conf. No. 11			Pass		Pass
		Conf. No. 12			Pass		Pass
		Conf. No. 13			Pass		Pass
		Conf. No. 14			Pass		Pass
		Conf. No. 15			Pass		Pass

15 Test Plot

15.1 Figure Configuration 1_TM1.1

15.1.1 Figure Configuration 1_TM1.1_B

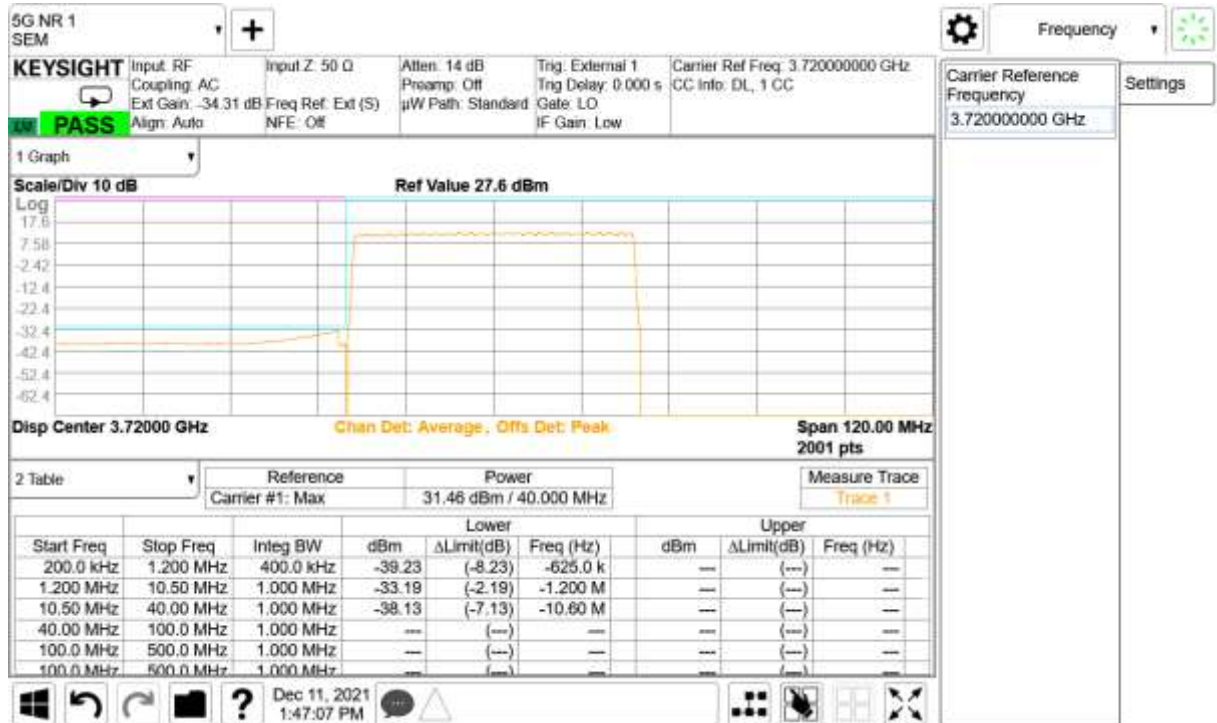


15.1.2 Figure Configuration 1_TM1.1_T



15.2 Figure Configuration 2_TM1.1

15.2.1 Figure Configuration 2_TM1.1_B



15.2.2 Figure Configuration 2_TM1.1_T



15.3 Figure Configuration 3_TM1.1

15.3.1 Figure Configuration 3_TM1.1_B

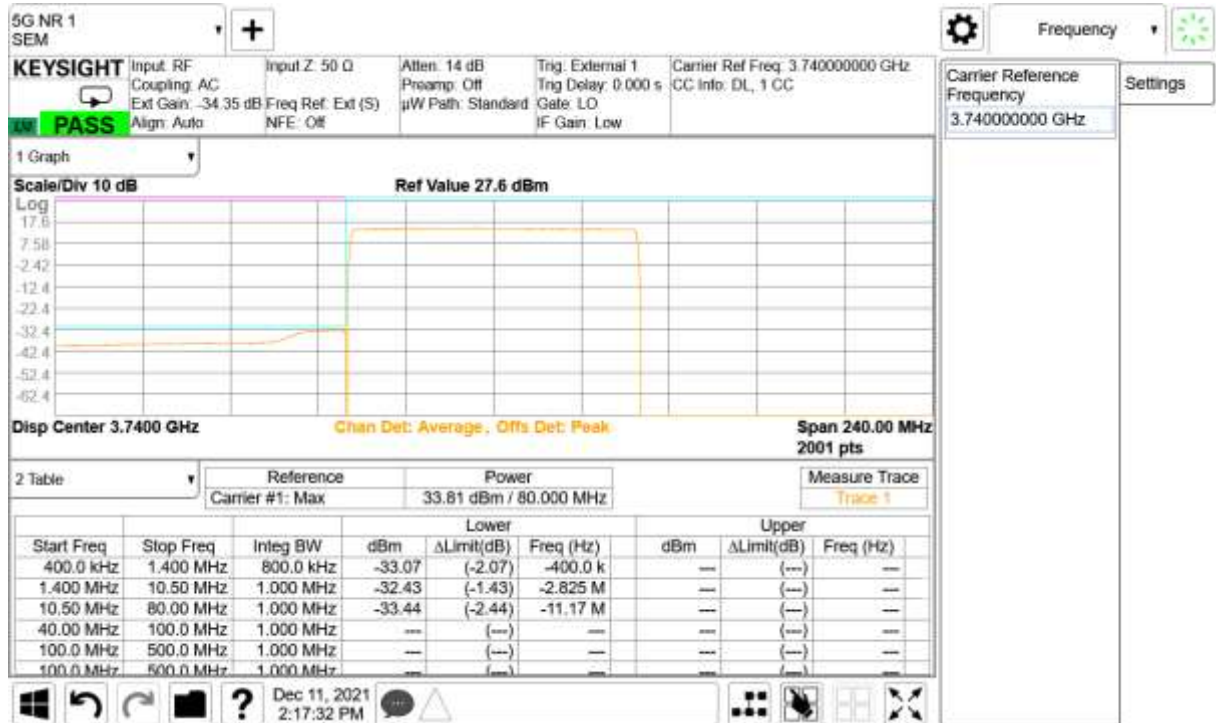


15.3.2 Figure Configuration 3_TM1.1_T

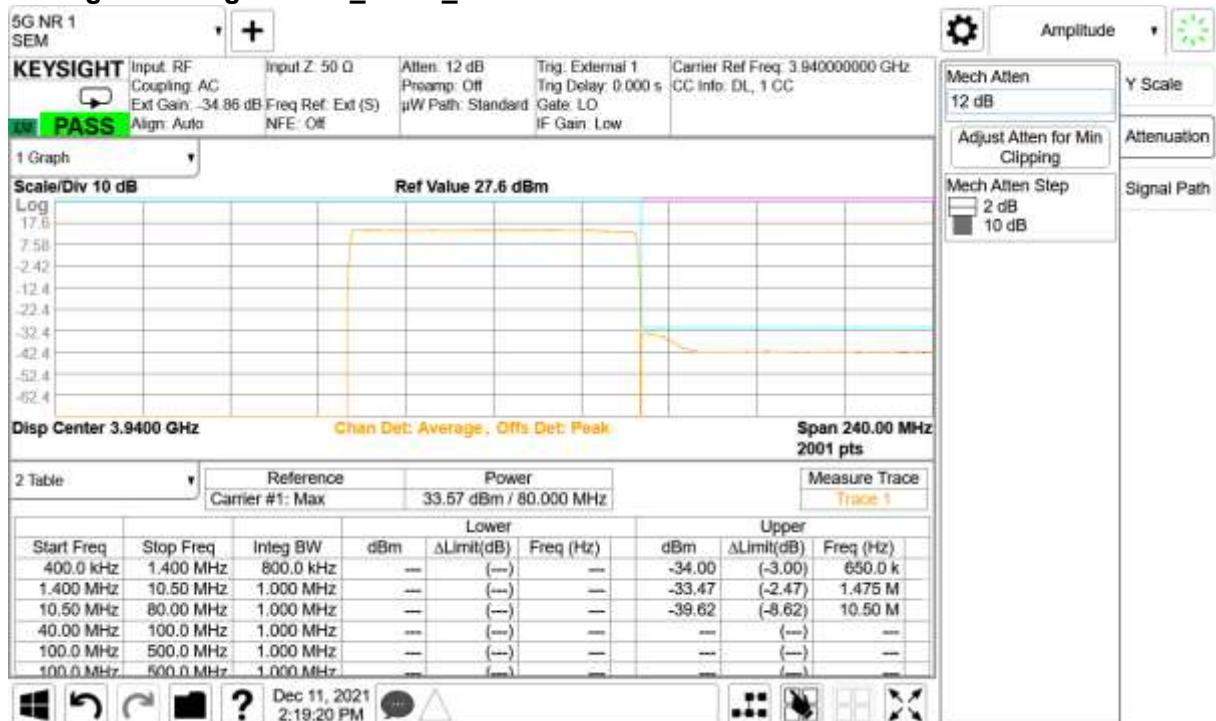


15.4 Figure Configuration 4_TM1.1

15.4.1 Figure Configuration 4_TM1.1_B

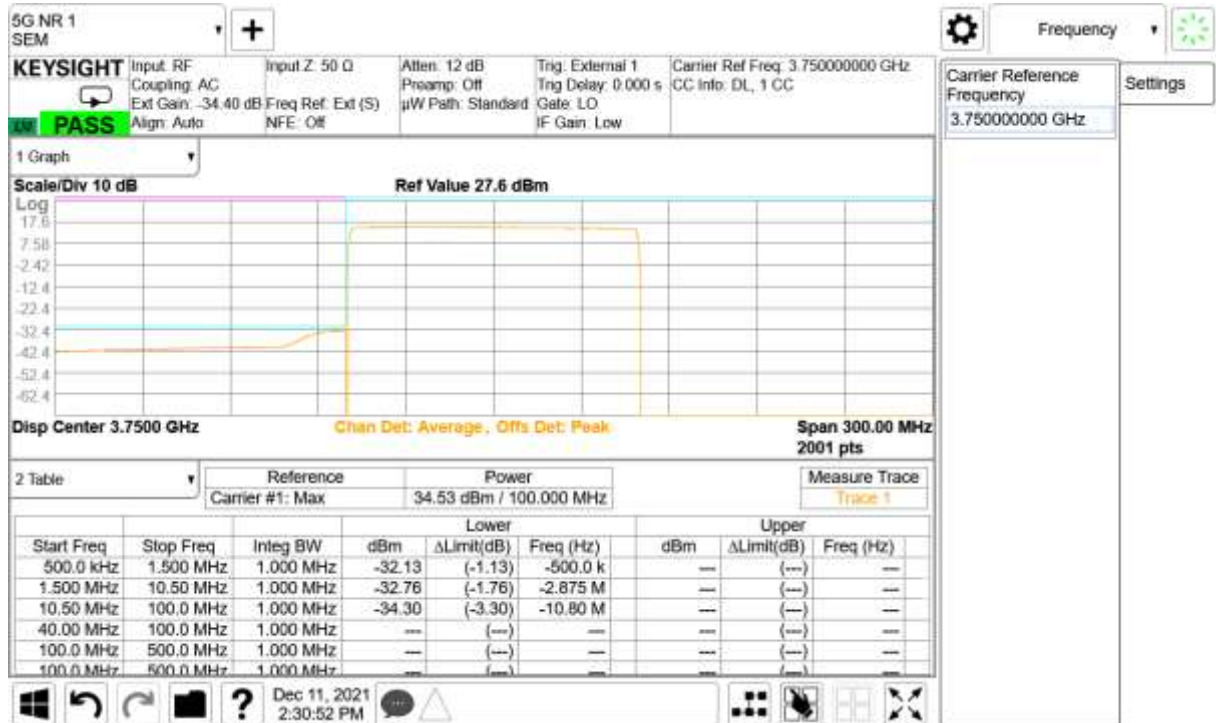


15.4.2 Figure Configuration 4_TM1.1_T



15.5 Figure Configuration 5_TM1.1

15.5.1 Figure Configuration 5_TM1.1_B

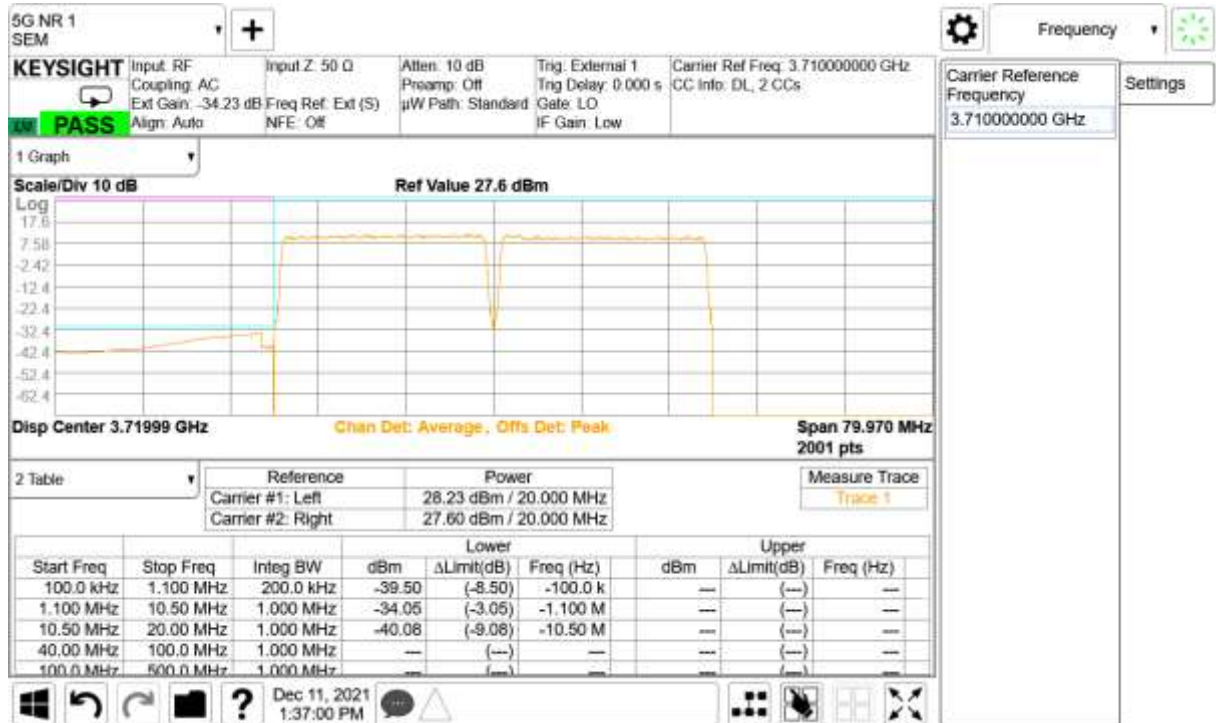


15.5.2 Figure Configuration 5_TM1.1_T

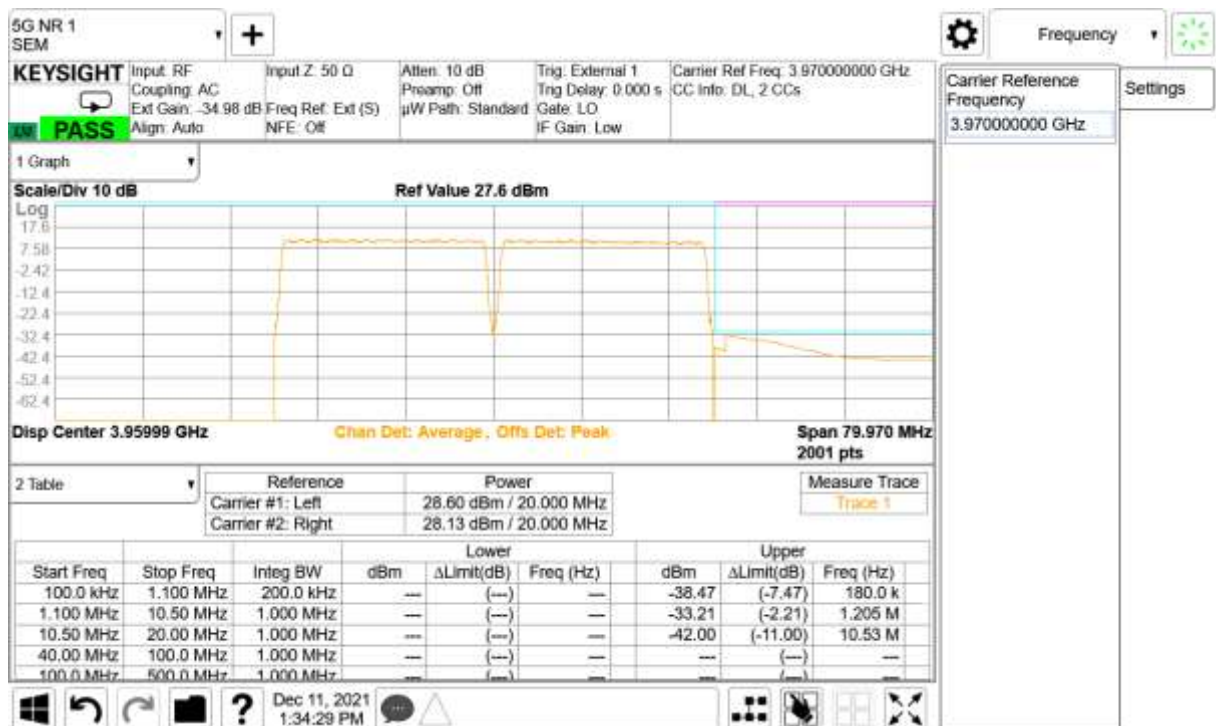


15.6 Figure Configuration 11_TM1.1

15.6.1 Figure Configuration 11_TM1.1_B

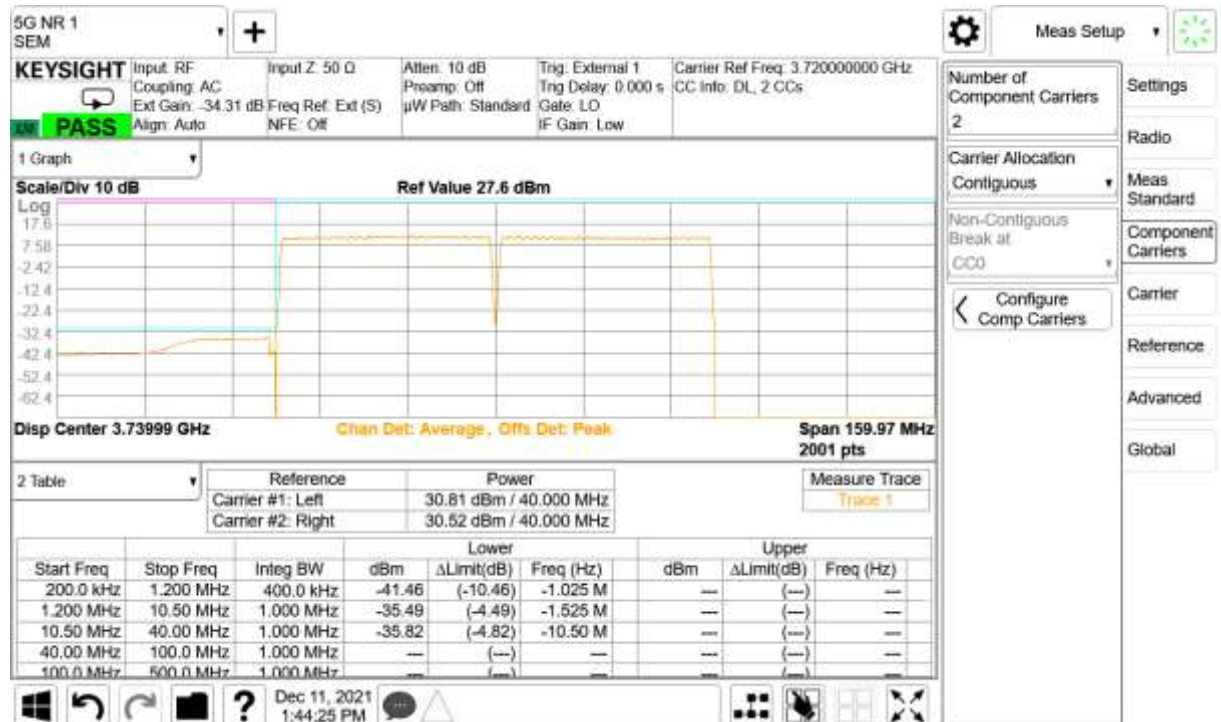


15.6.2 Figure Configuration 11_TM1.1_T

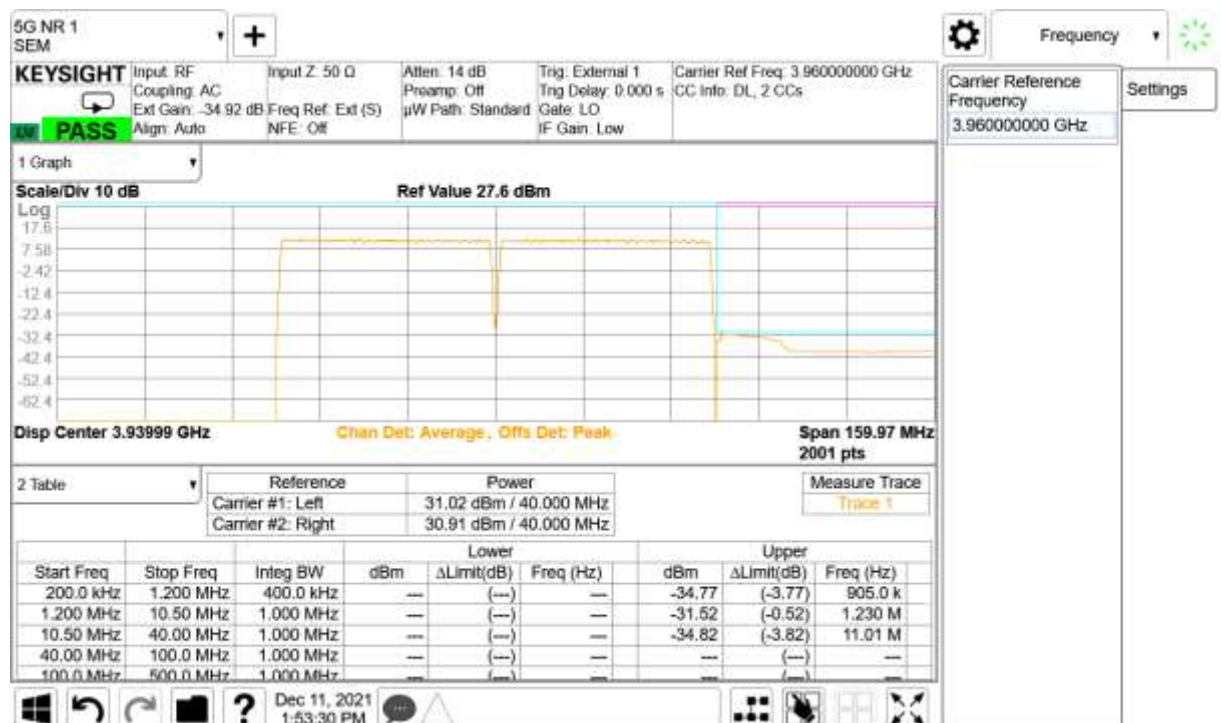


15.7 Figure Configuration 12_TM1.1

15.7.1 Figure Configuration 12_TM1.1_B

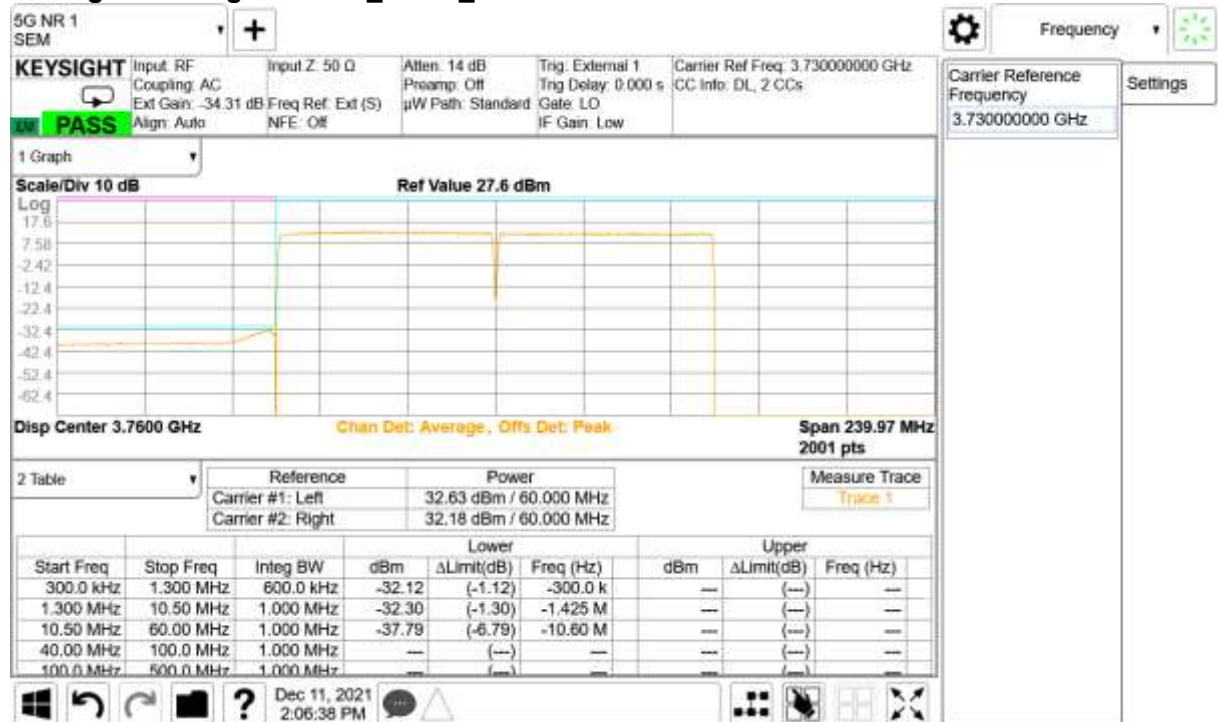


15.7.2 Figure Configuration 12_TM1.1_T

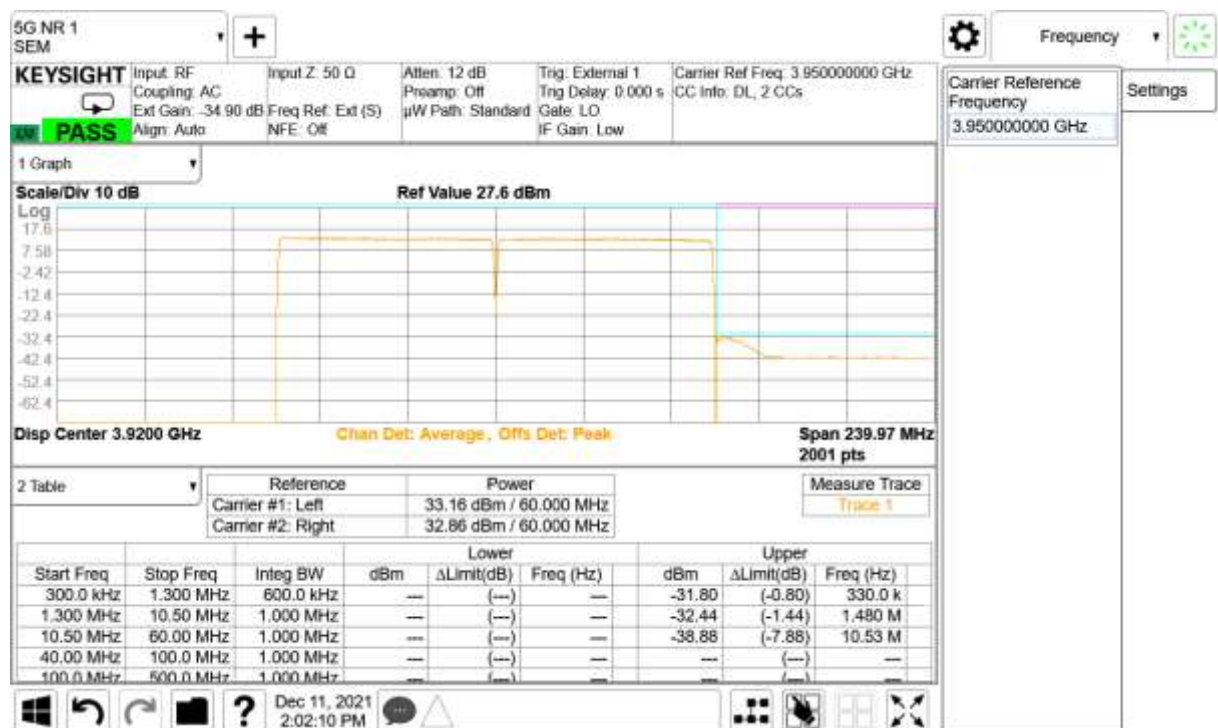


15.8 Figure Configuration 13_TM1.1

15.8.1 Figure Configuration 13_TM1.1_B

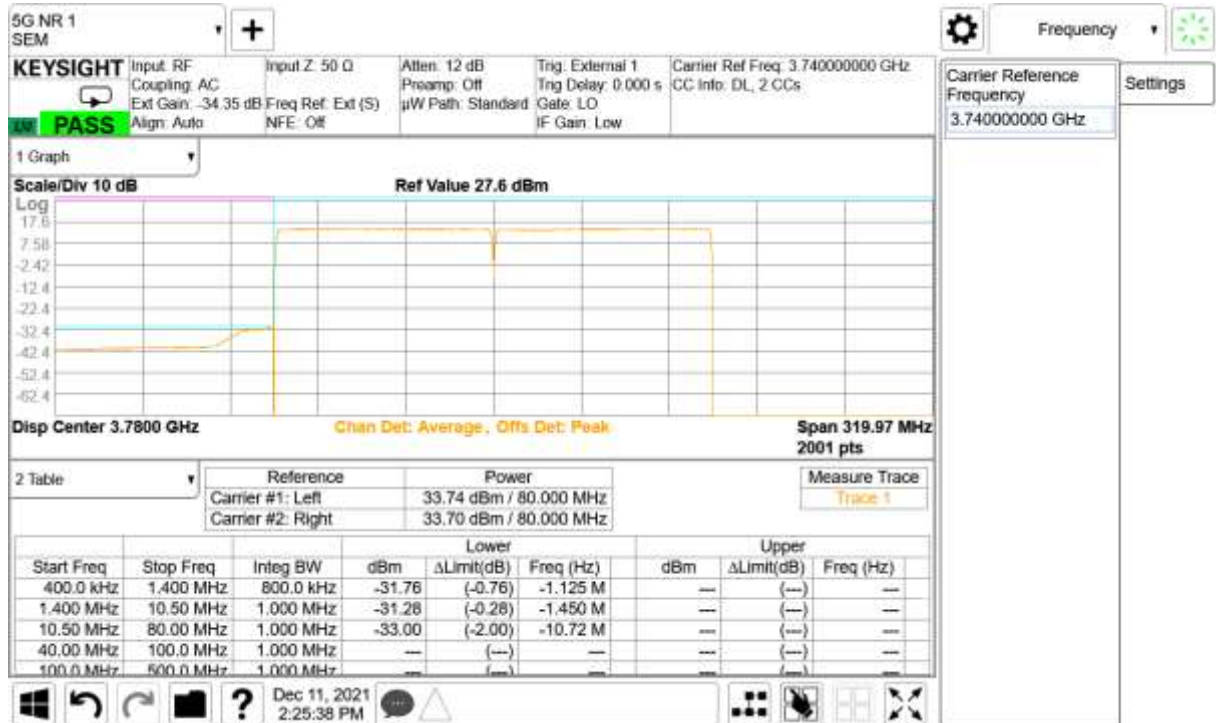


15.8.2 Figure Configuration 13_TM1.1_T

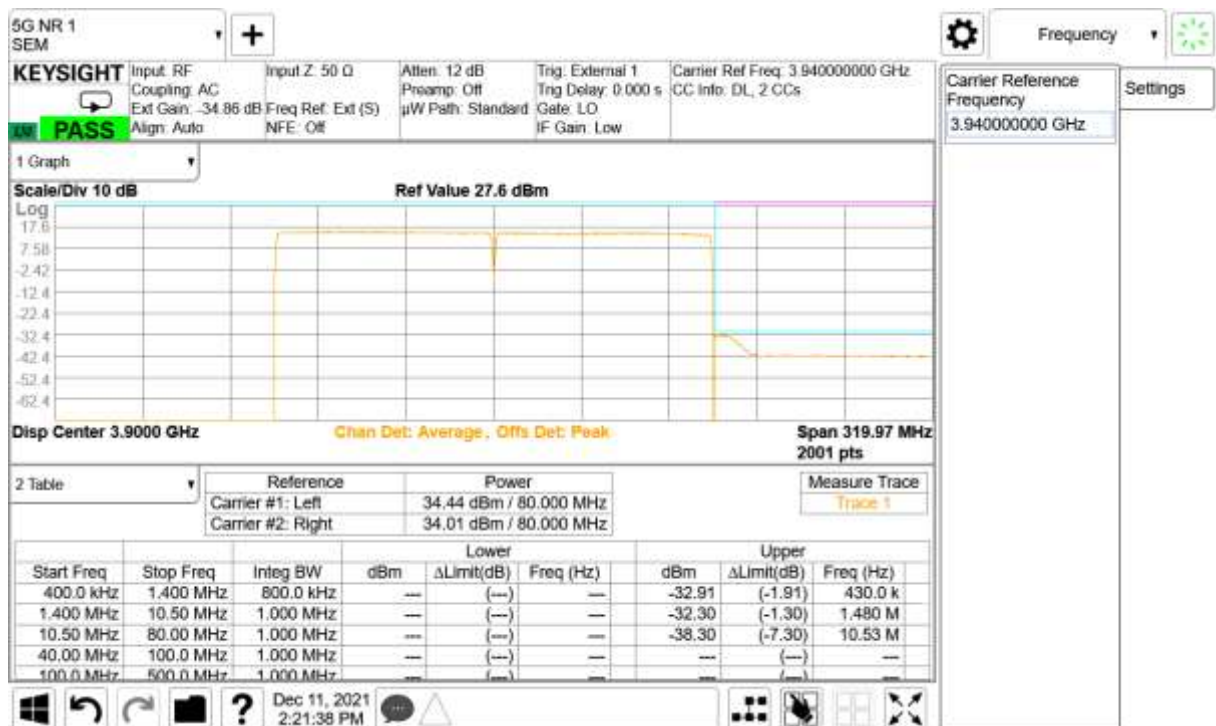


15.9 Figure Configuration 14_TM1.1

15.9.1 Figure Configuration 14_TM1.1_B

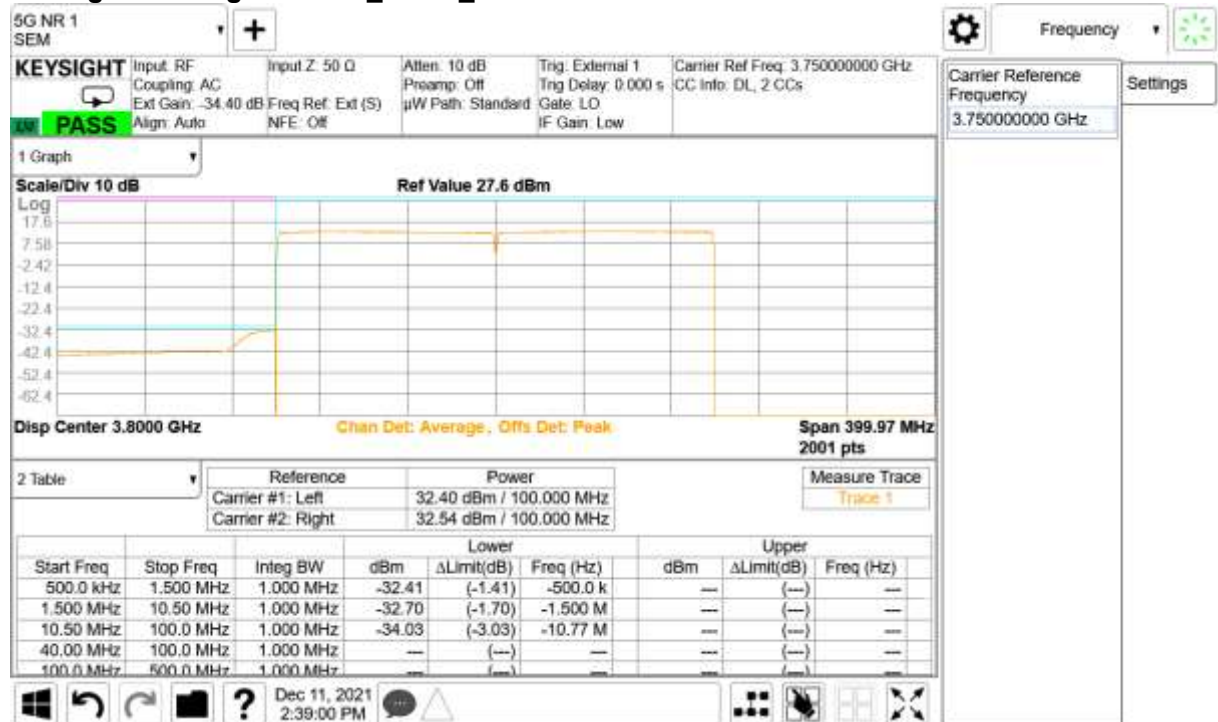


15.9.2 Figure Configuration 14_TM1.1_T

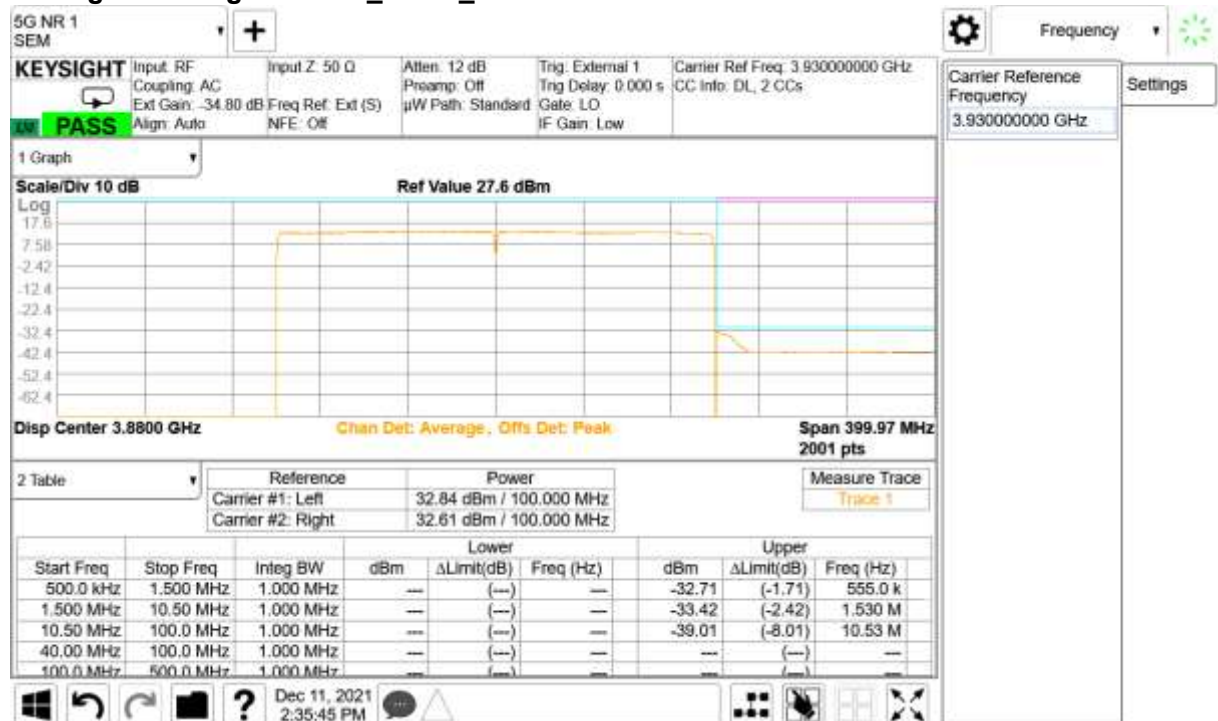


15.10 Figure Configuration 15_TM1.1

15.10.1 Figure Configuration 15_TM1.1_B

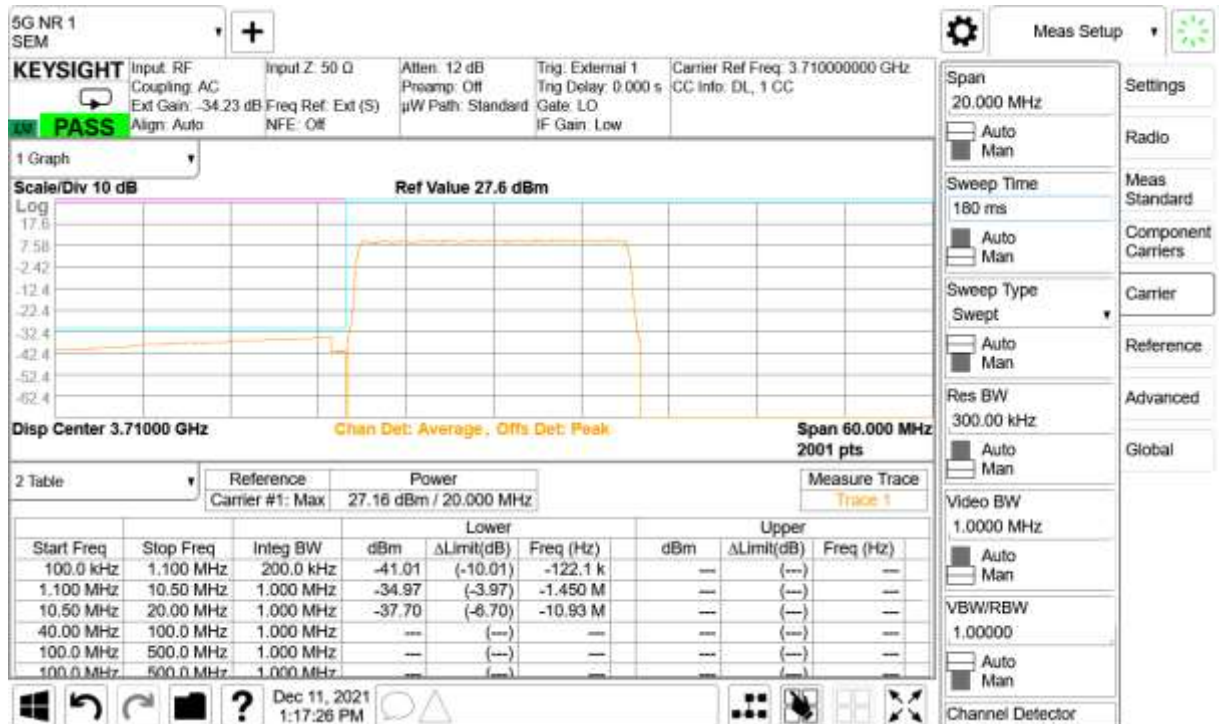


15.10.2 Figure Configuration 15_TM1.1_T

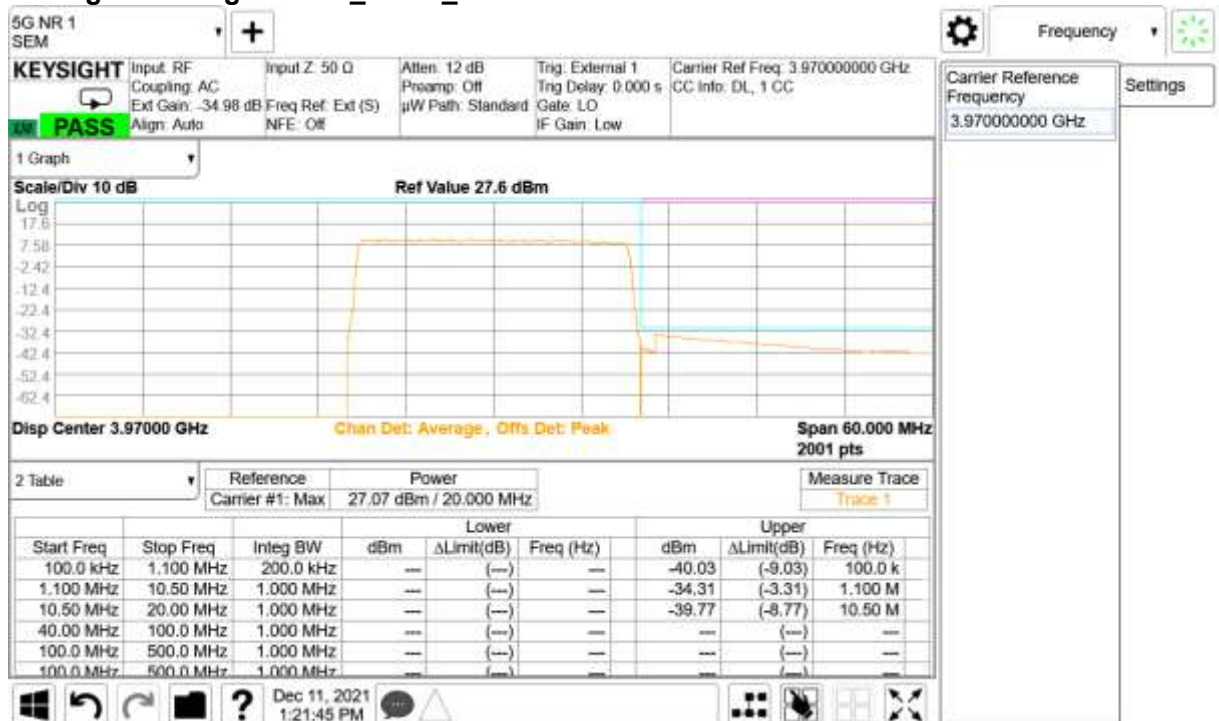


15.11 Figure Configuration 1_TM3.1

15.11.1 Figure Configuration 1_TM3.1_B

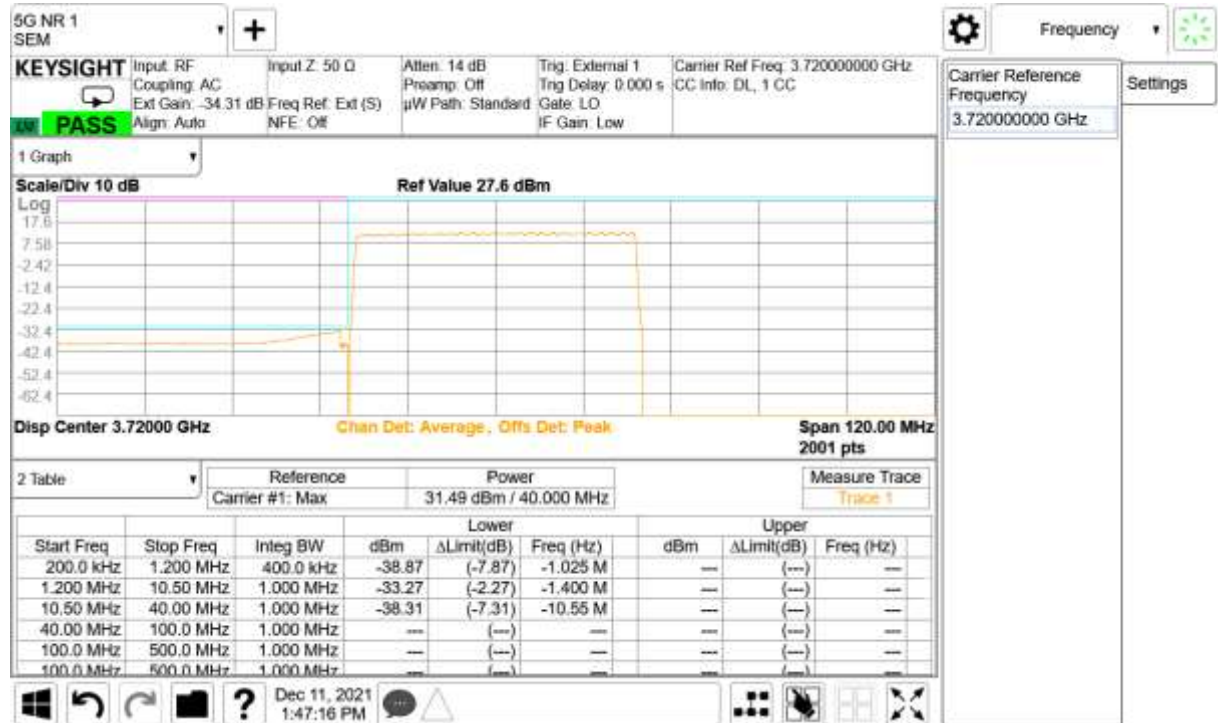


15.11.2 Figure Configuration 1_TM3.1_T

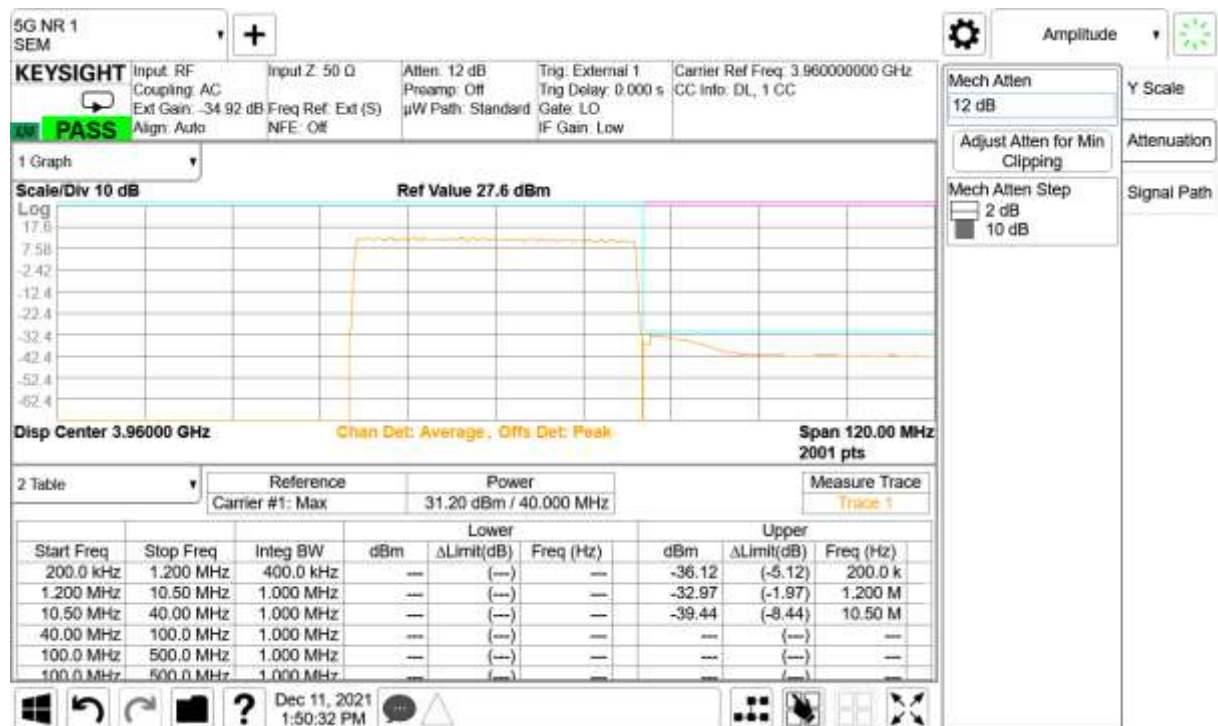


15.12 Figure Configuration 2_TM3.1

15.12.1 Figure Configuration 2_TM3.1_B

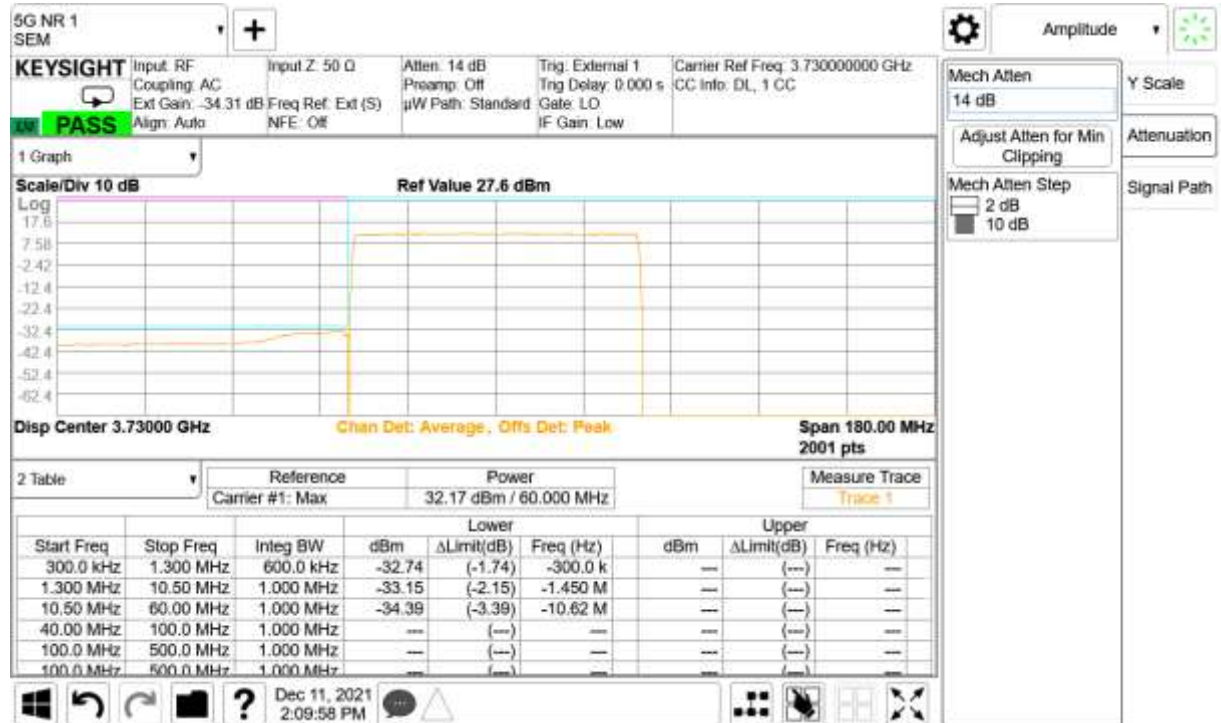


15.12.2 Figure Configuration 2_TM3.1_T



15.13 Figure Configuration 3_TM3.1

15.13.1 Figure Configuration 3_TM3.1_B

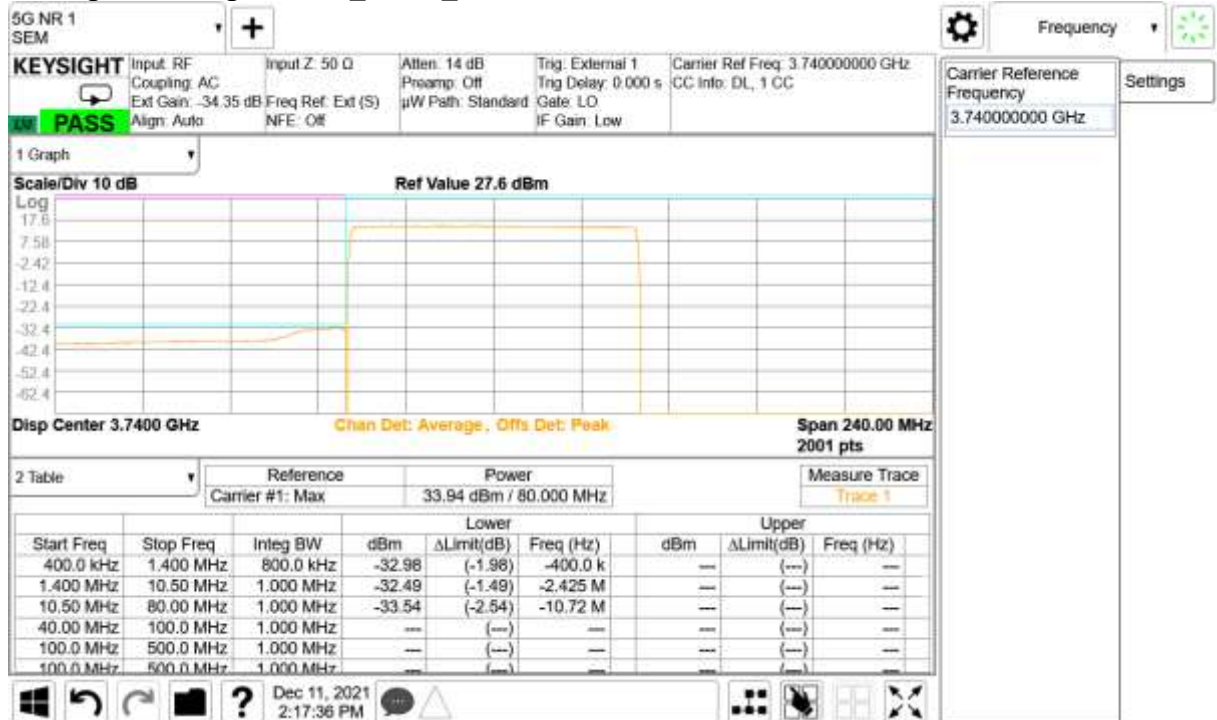


15.13.2 Figure Configuration 3_TM3.1_T

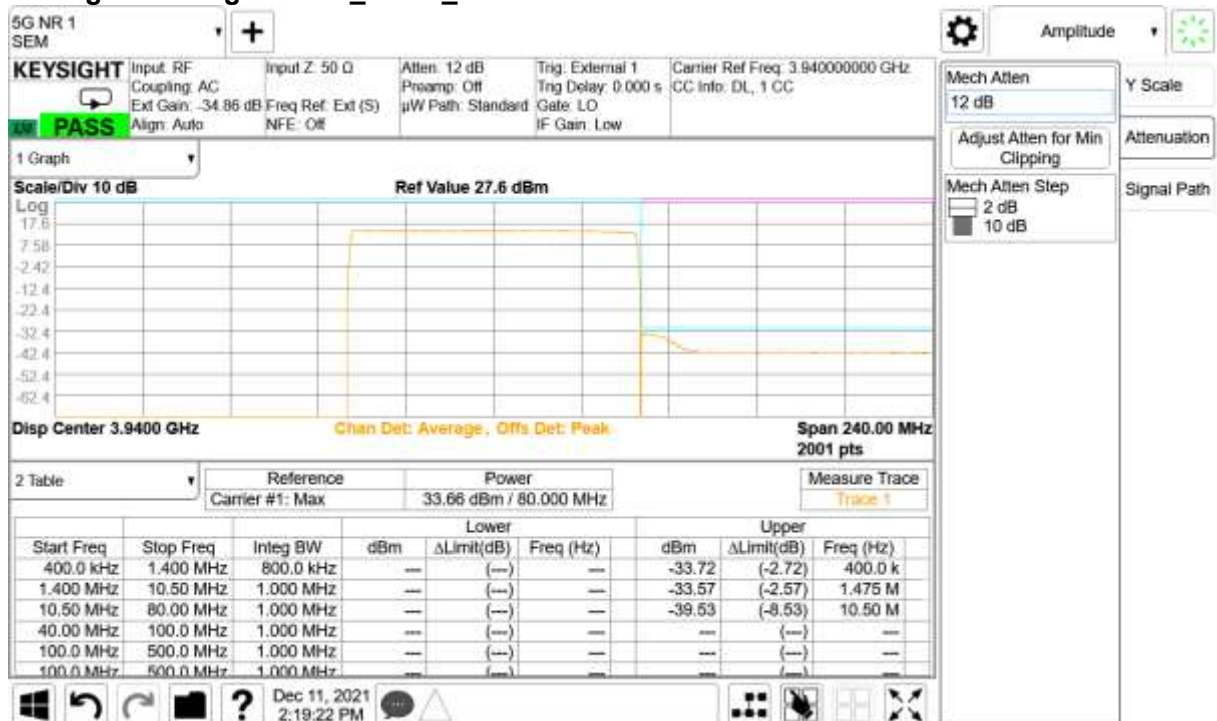


15.14 Figure Configuration 4_TM3.1

15.14.1 Figure Configuration 4_TM3.1_B

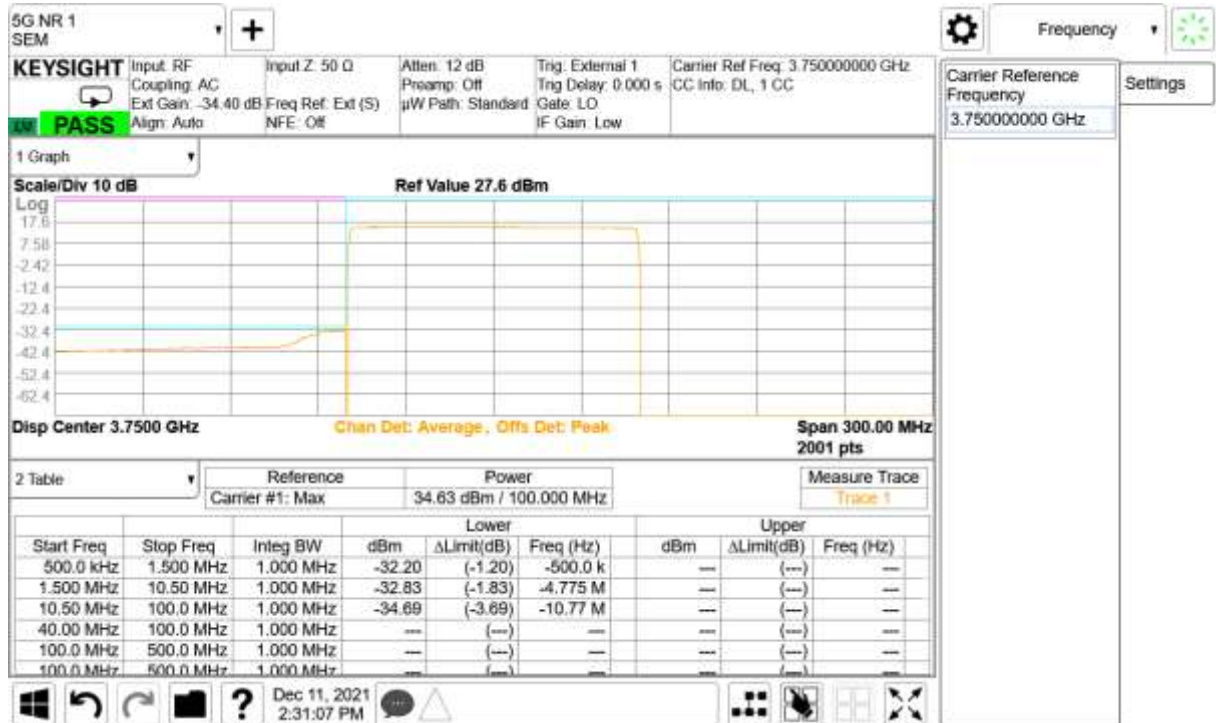


15.14.2 Figure Configuration 4_TM3.1_T



15.15 Figure Configuration 5_TM3.1

15.15.1 Figure Configuration 5_TM3.1_B

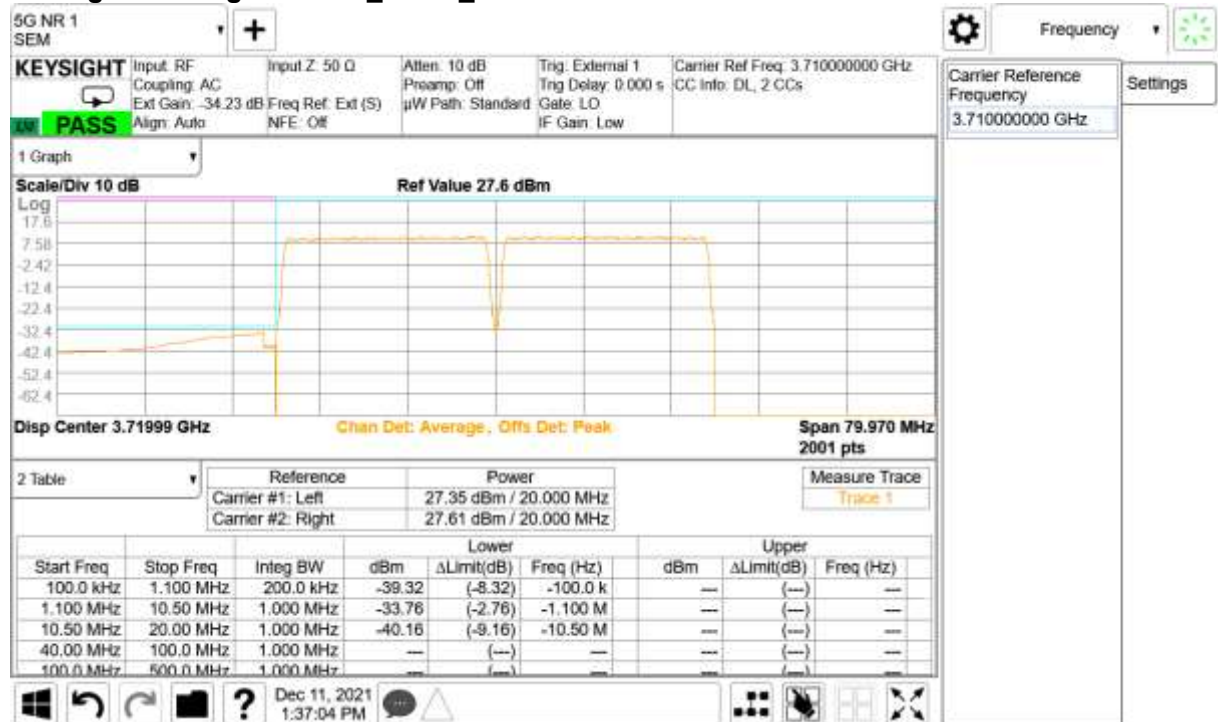


15.15.2 Figure Configuration 5_TM3.1_T

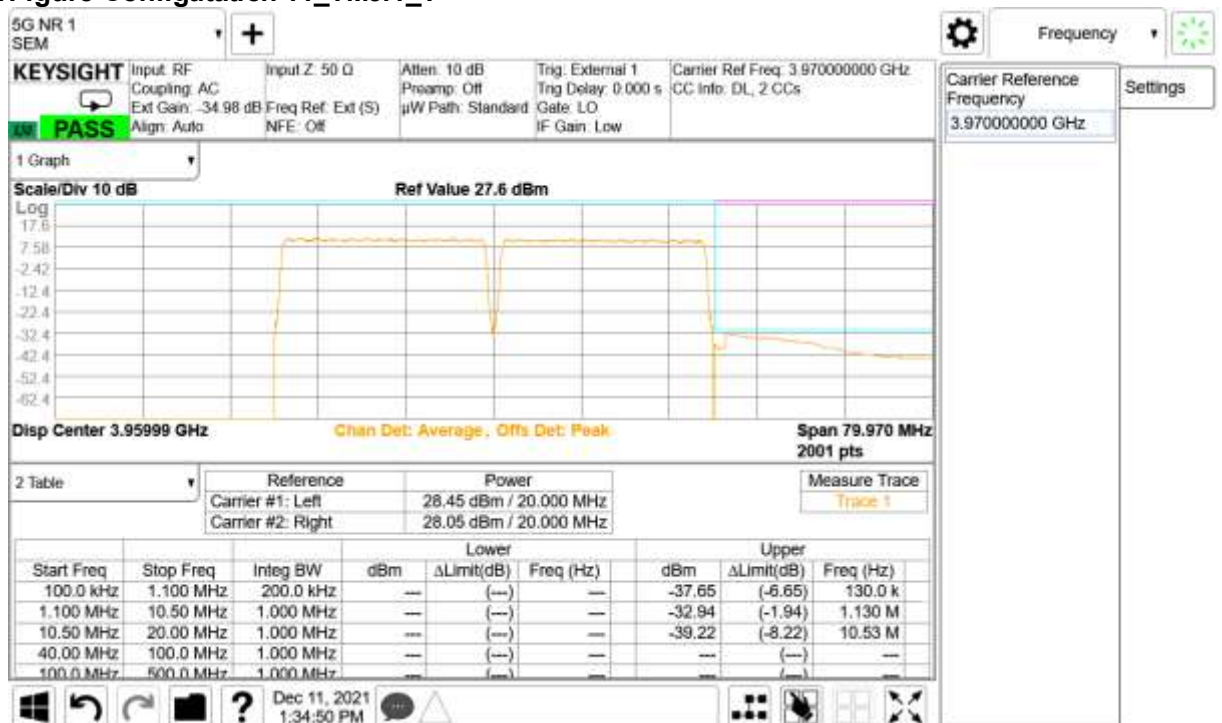


15.16 Figure Configuration 11_TM3.1

15.16.1 Figure Configuration 11_TM3.1_B

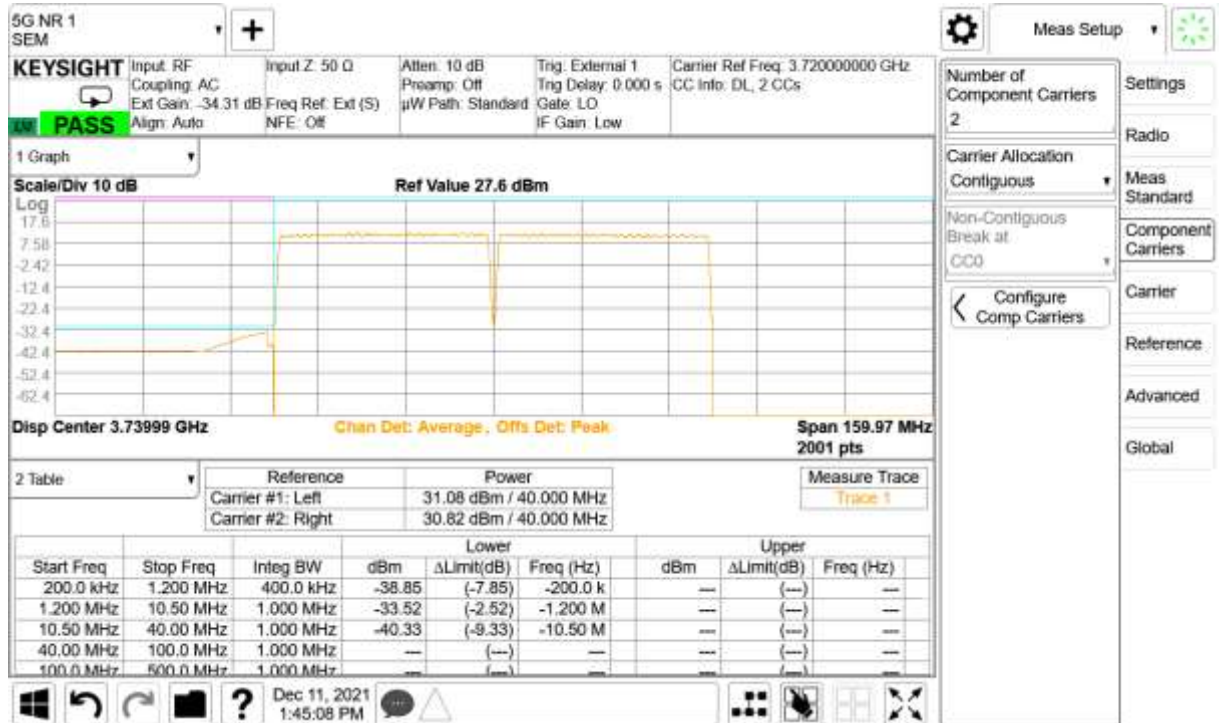


15.16.2 Figure Configuration 11_TM3.1_T

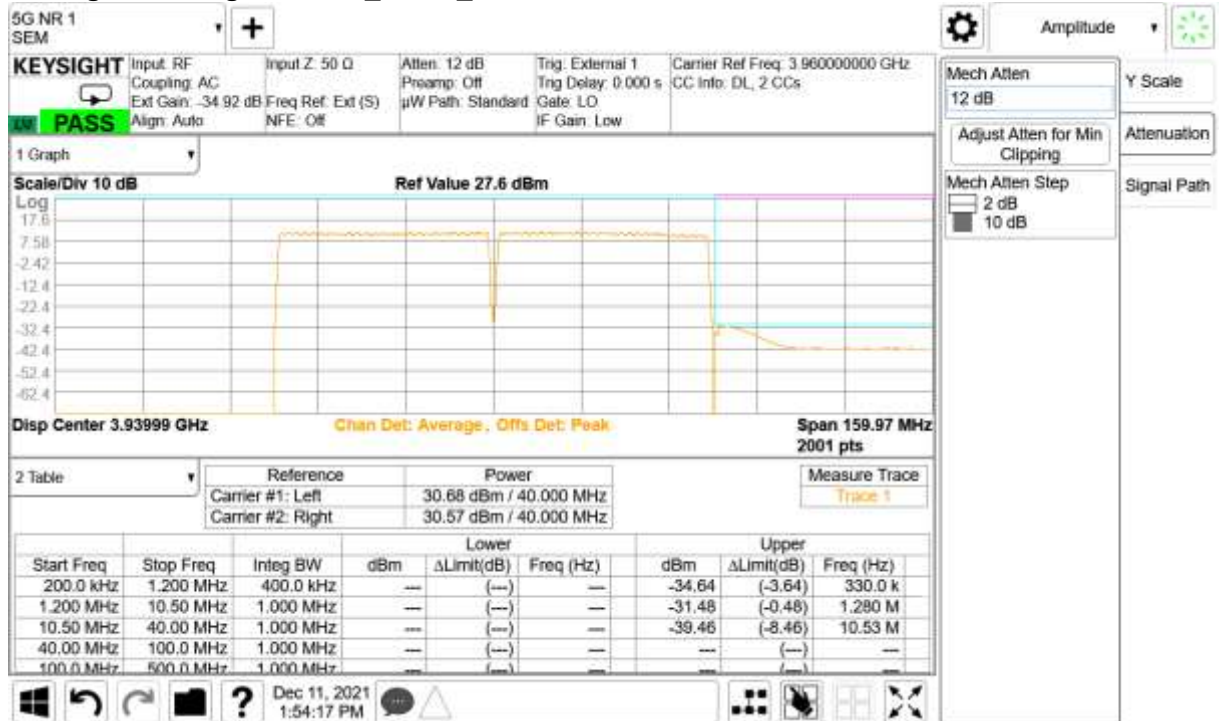


15.17 Figure Configuration 12_TM3.1

15.17.1 Figure Configuration 12_TM3.1_B

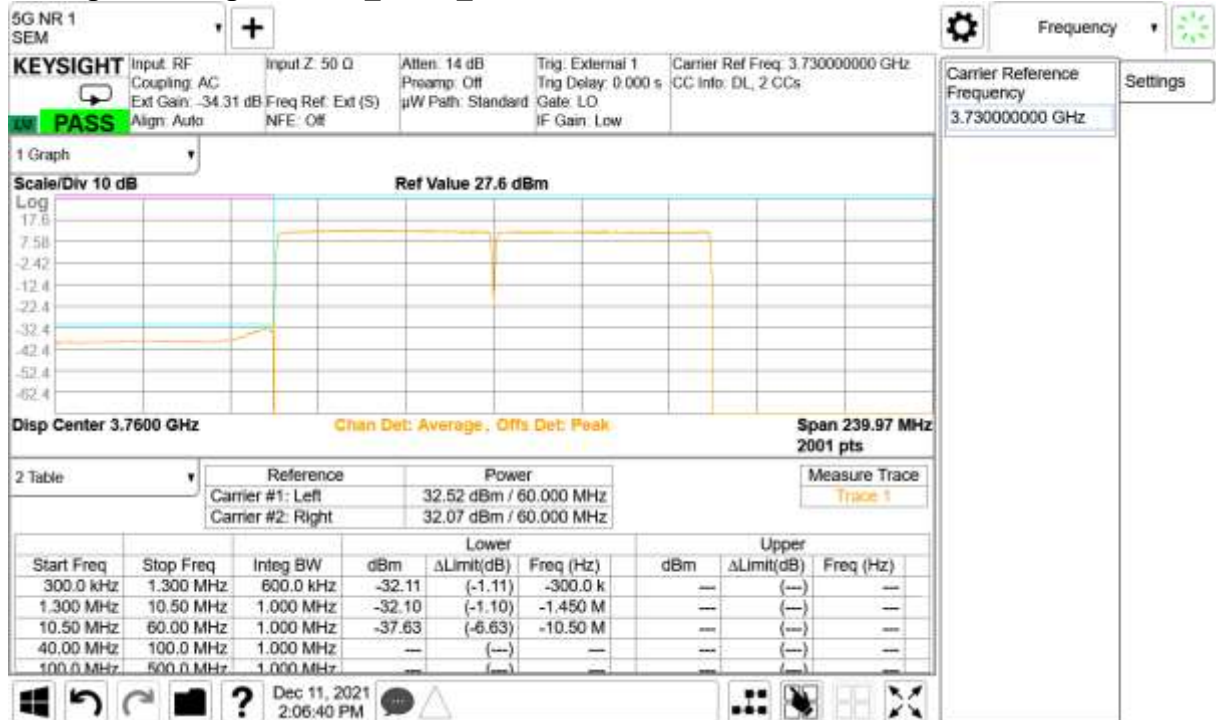


15.17.2 Figure Configuration 12_TM3.1_T

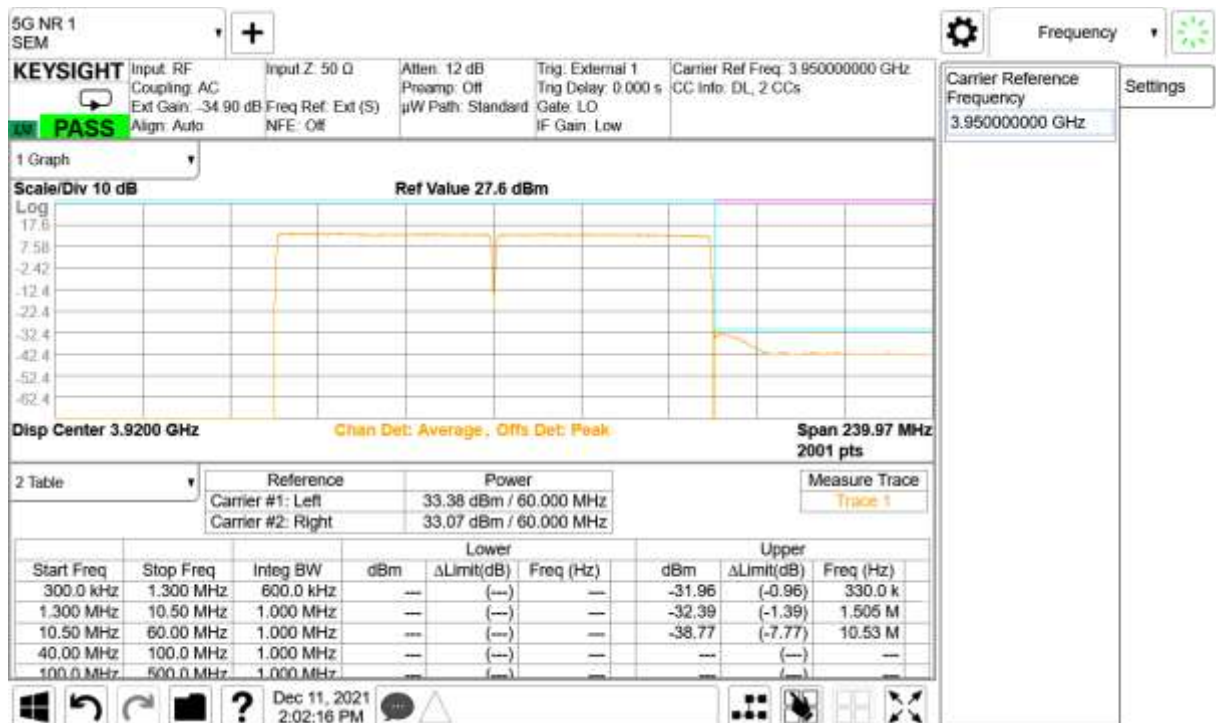


15.18 Figure Configuration 13_TM3.1

15.18.1 Figure Configuration 13_TM3.1_B

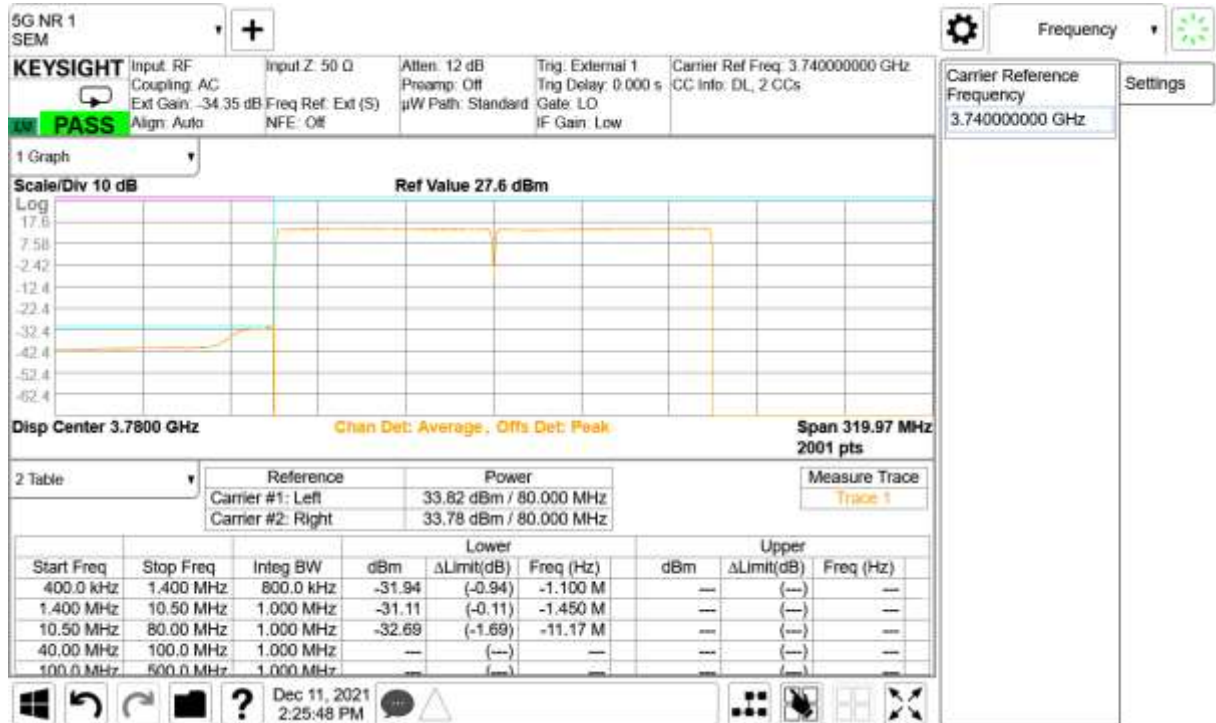


15.18.2 Figure Configuration 13_TM3.1_T

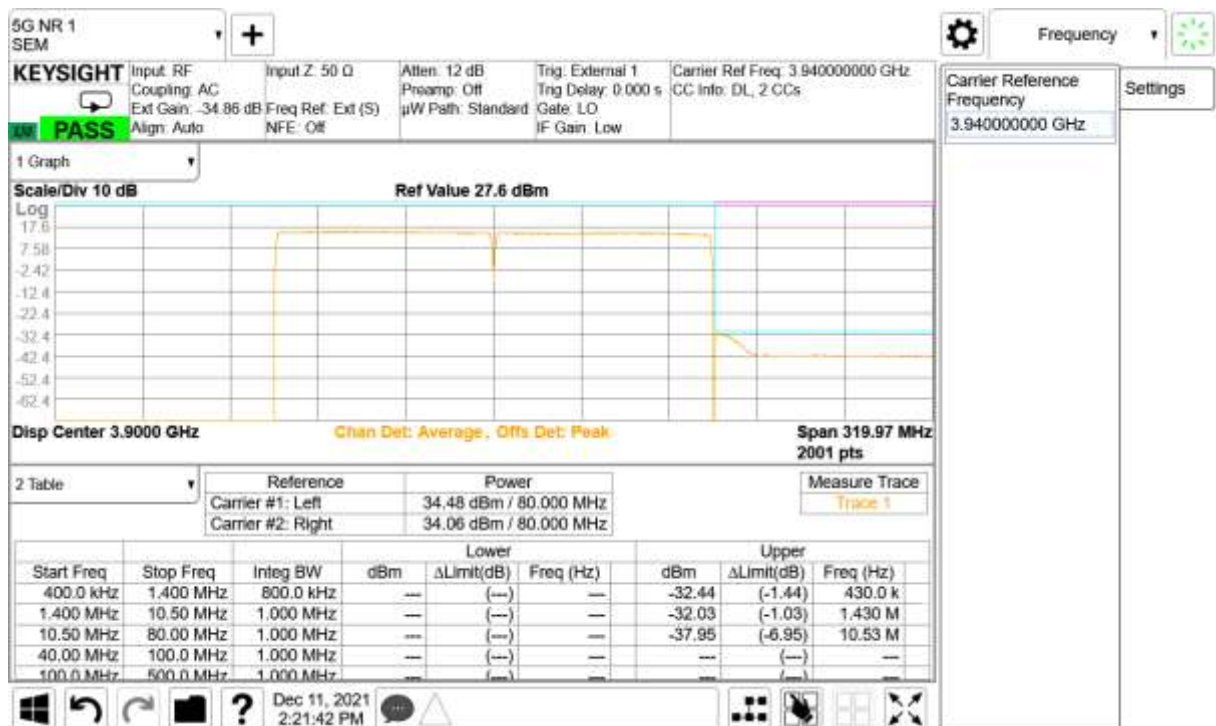


15.19 Figure Configuration 14_TM3.1

15.19.1 Figure Configuration 14_TM3.1_B

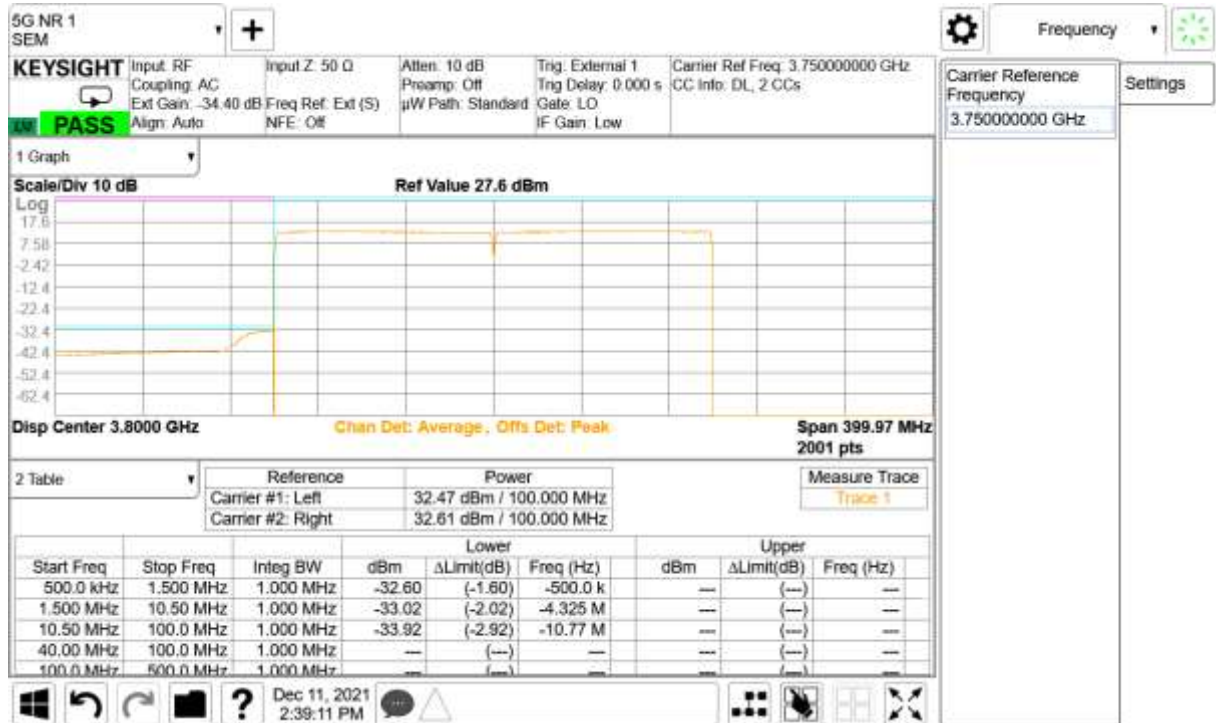


15.19.2 Figure Configuration 14_TM3.1_T

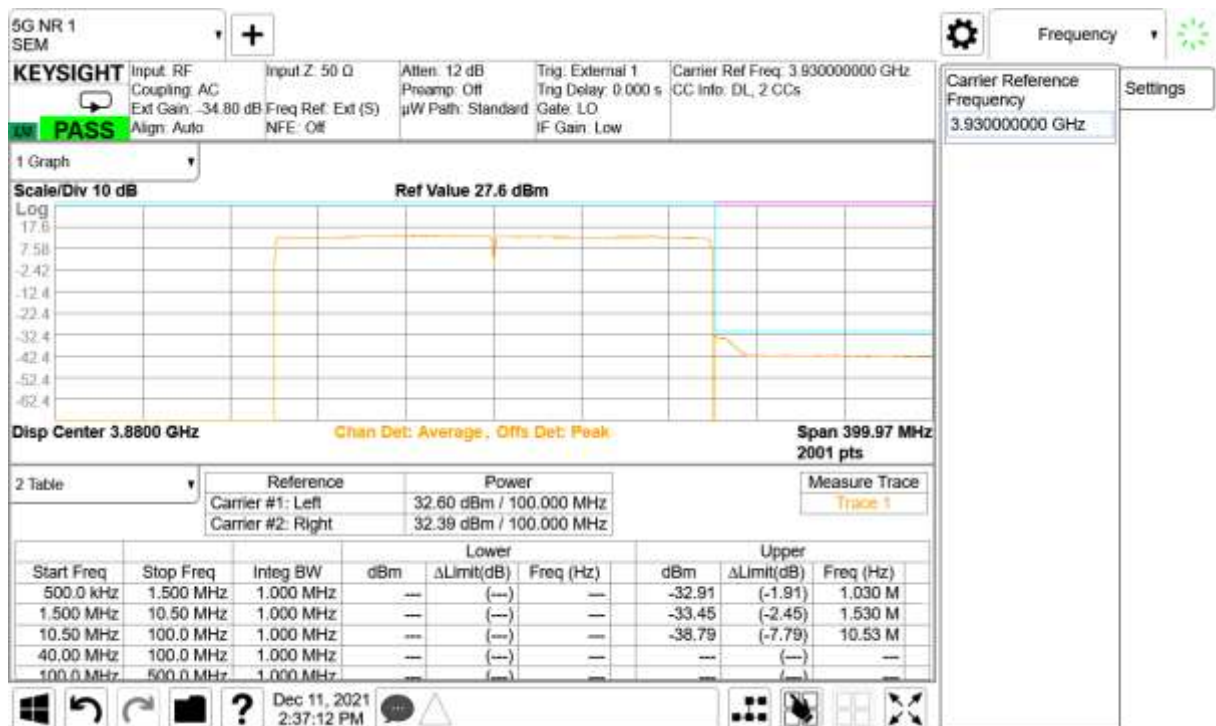


15.20 Figure Configuration 15_TM3.1

15.20.1 Figure Configuration 15_TM3.1_B



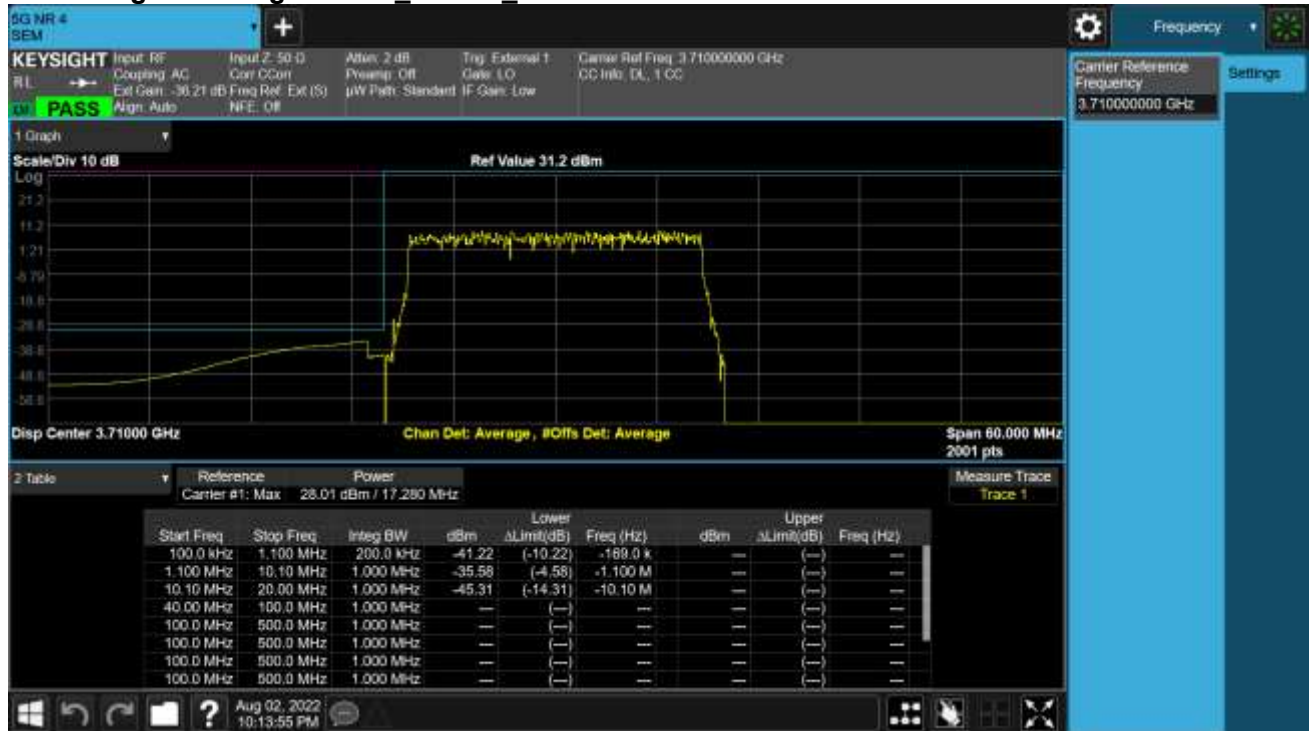
15.20.2 Figure Configuration 15_TM3.1_T



Variant (CH3 with SCS 60KHz)

15.21 Figure Configuration 1_TM3.1a

15.21.1 Figure Configuration 1_TM3.1a_B

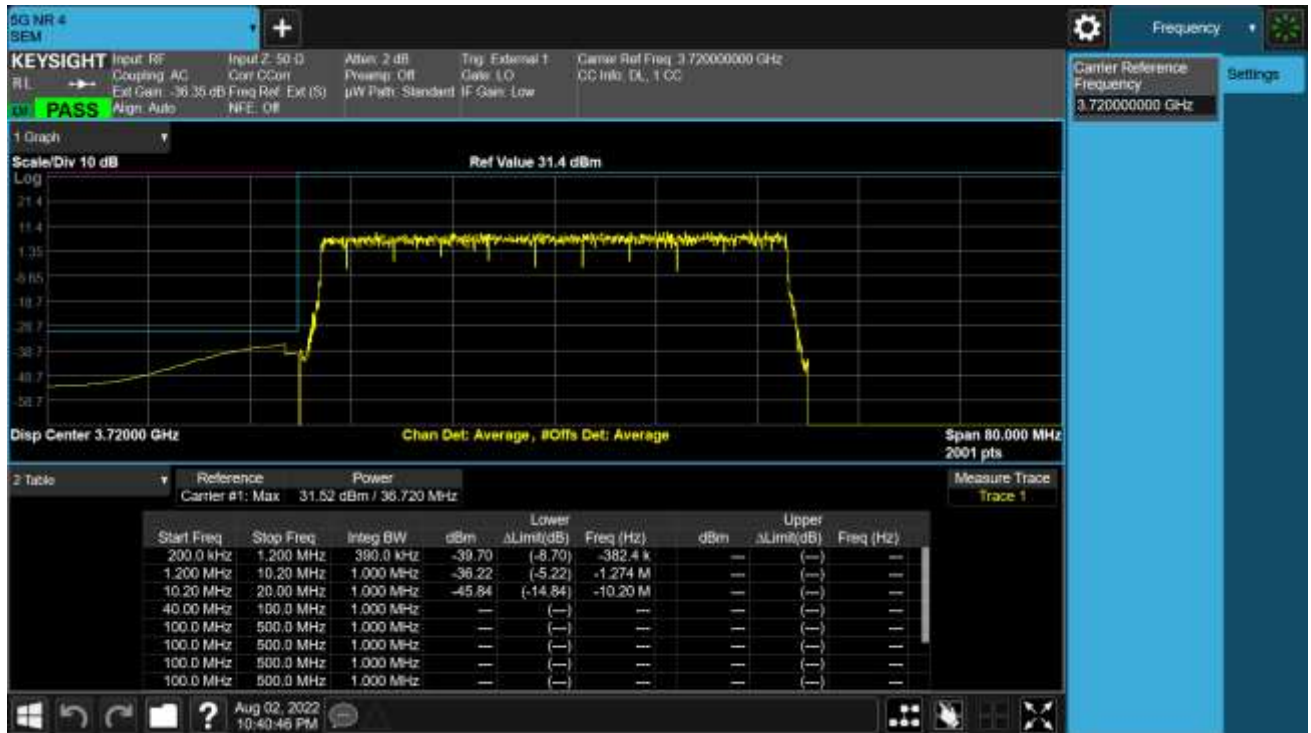


15.21.2 Figure Configuration 1_TM3.1a_T



15.22 Figure Configuration 2_TM3.1a

15.22.1 Figure Configuration 2_TM3.1a_B

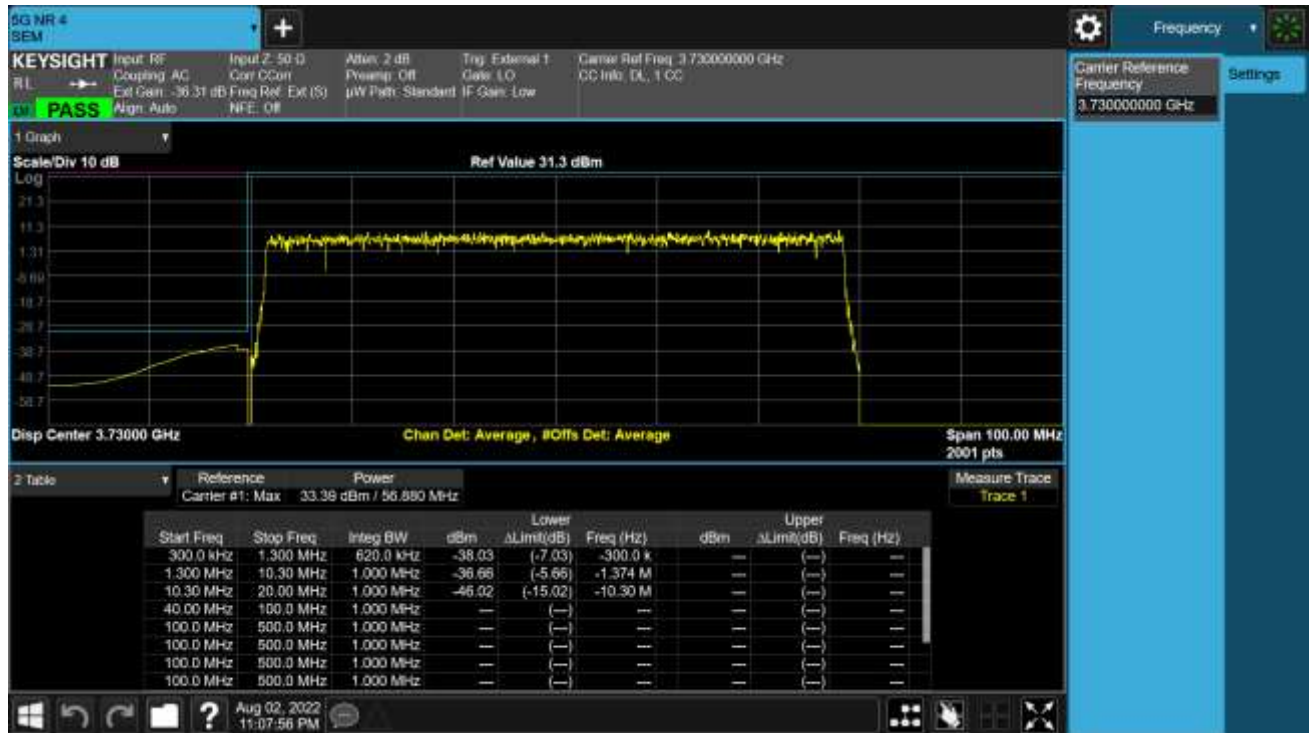


15.22.2 Figure Configuration 2_TM3.1a_T



15.23 Figure Configuration 3_TM3.1a

15.23.1 Figure Configuration 3_TM3.1a_B

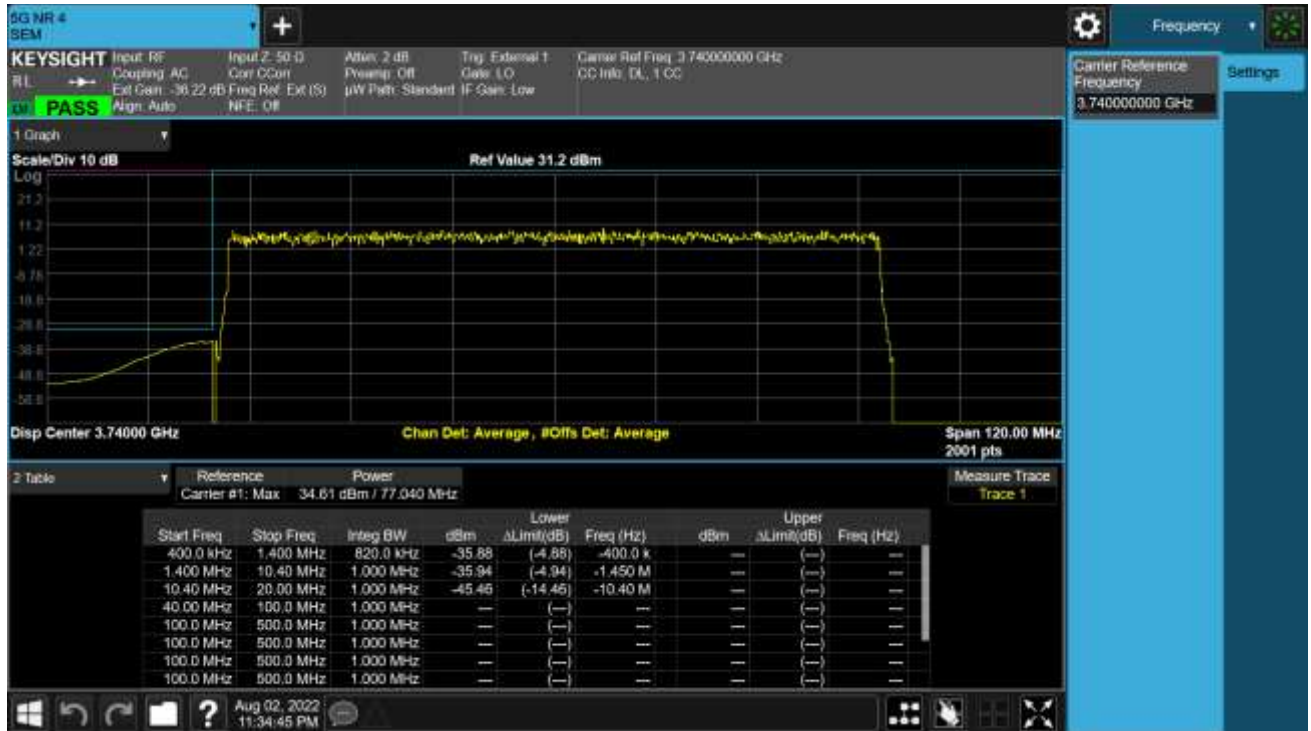


15.23.2 Figure Configuration 3_TM3.1a_T



15.24 Figure Configuration 4_TM3.1a

15.24.1 Figure Configuration 4_TM3.1a_B

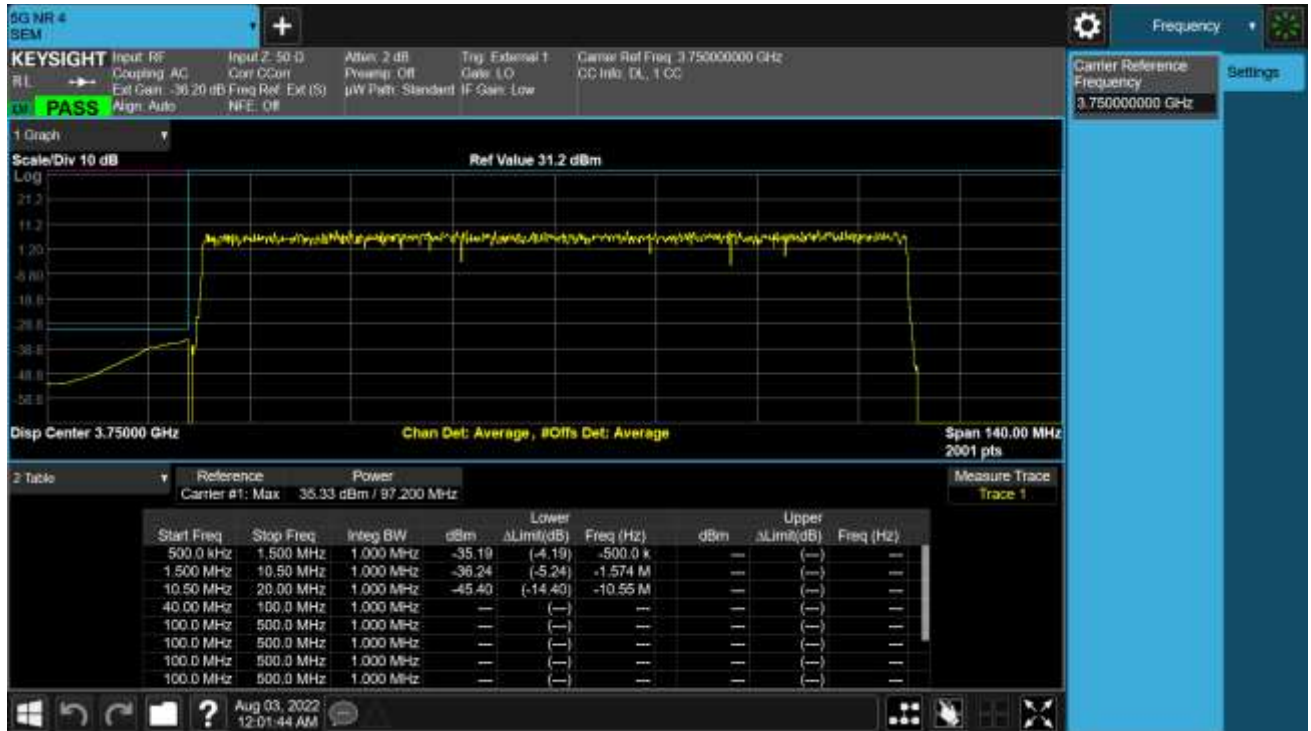


15.24.2 Figure Configuration 4_TM3.1a_T



15.25 Figure Configuration 5_TM3.1a

15.25.1 Figure Configuration 5_TM3.1a_B

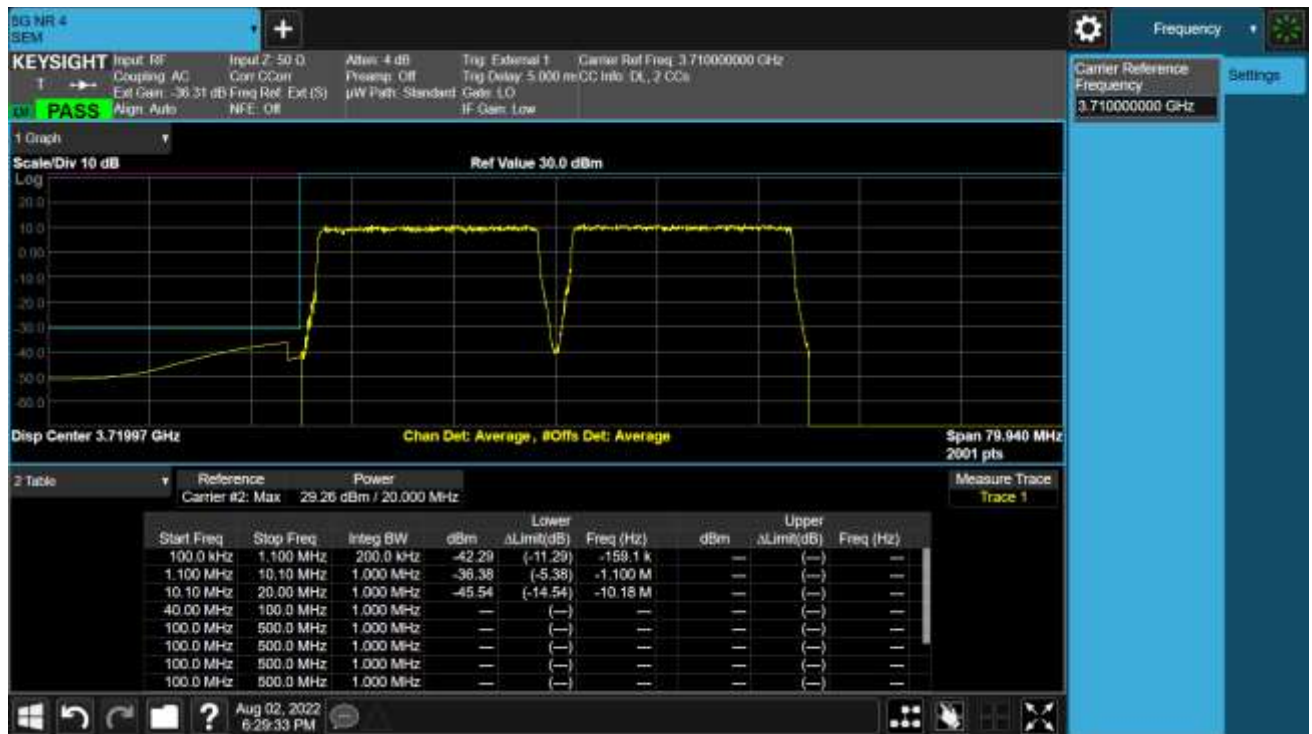


15.25.2 Figure Configuration 5_TM3.1a_T

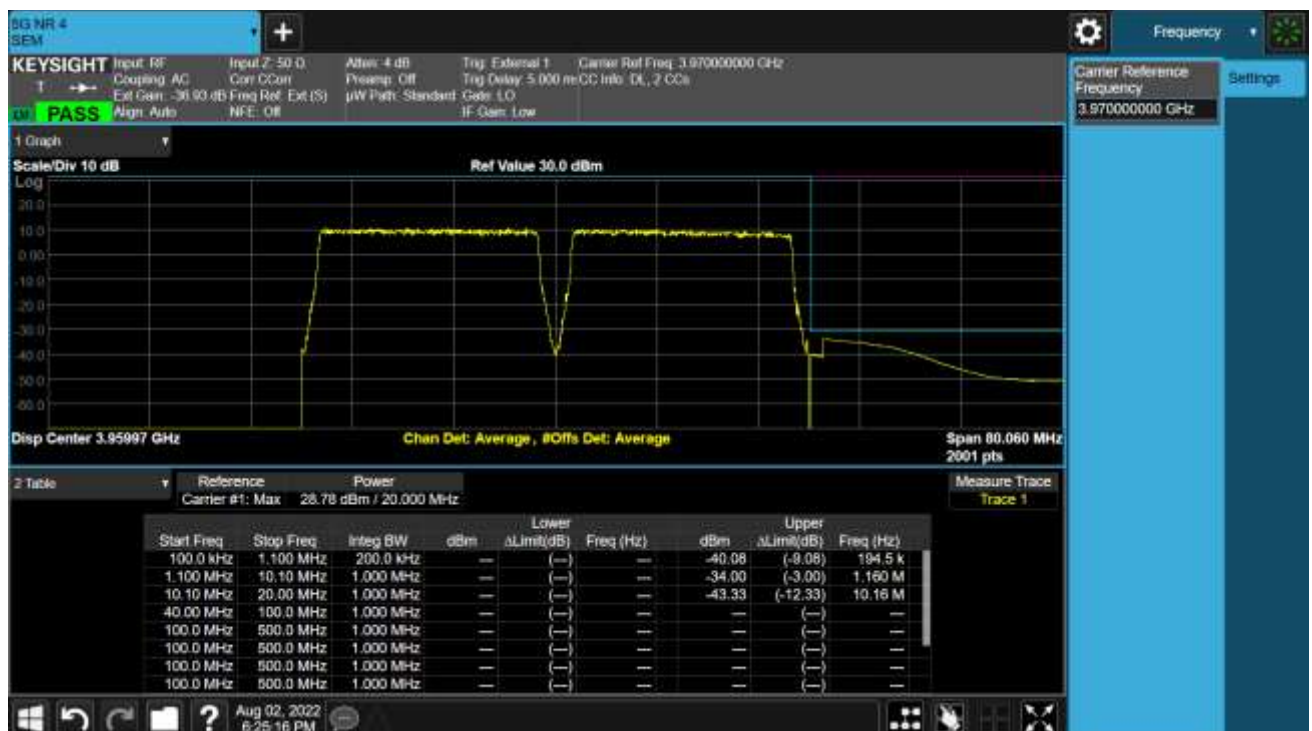


15.26 Figure Configuration 6_TM3.1a

15.26.1 Figure Configuration 6_TM3.1a_B



15.26.2 Figure Configuration 6_TM3.1a_T



15.27 Figure Configuration 7_TM3.1a

15.27.1 Figure Configuration 7_TM3.1a_B

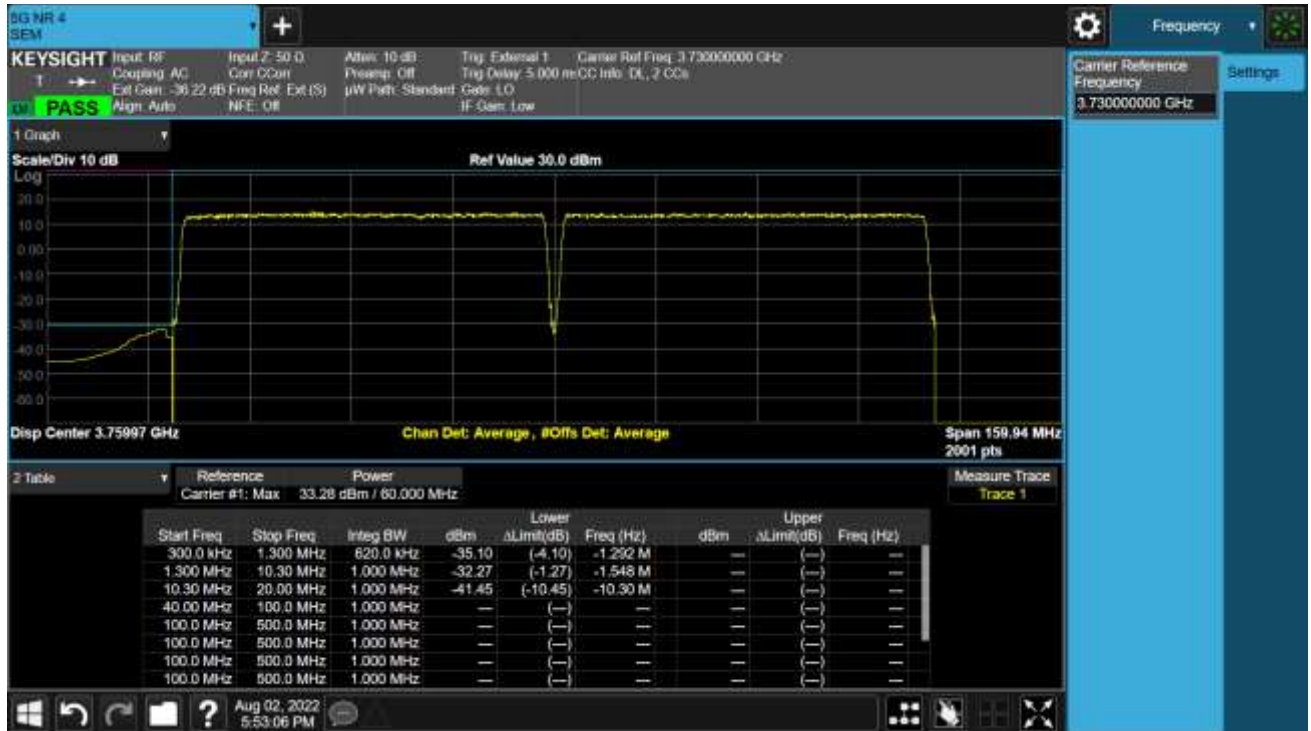


15.27.2 Figure Configuration 7_TM3.1a_T



15.28 Figure Configuration 8_TM3.1a

15.28.1 Figure Configuration 8_TM3.1a_B

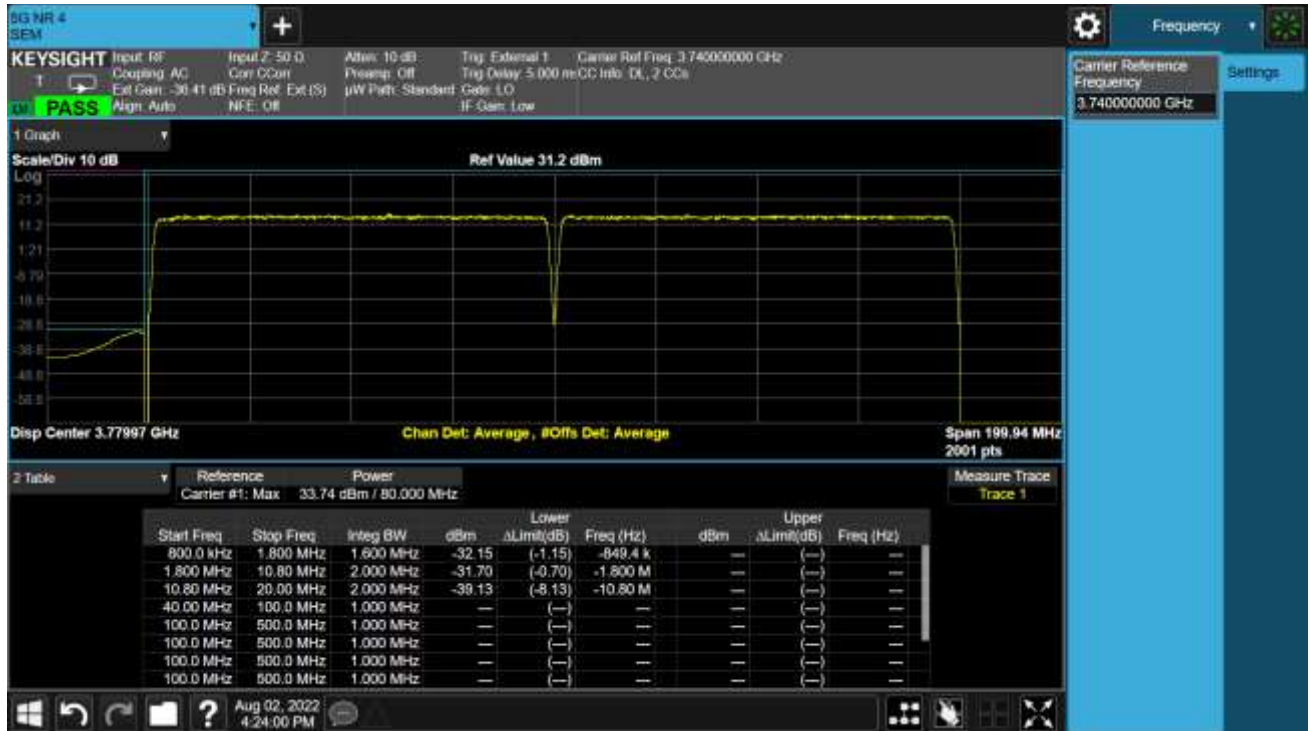


15.28.2 Figure Configuration 8_TM3.1a_T



15.29 Figure Configuration 9_TM3.1a

15.29.1 Figure Configuration 9_TM3.1a_B

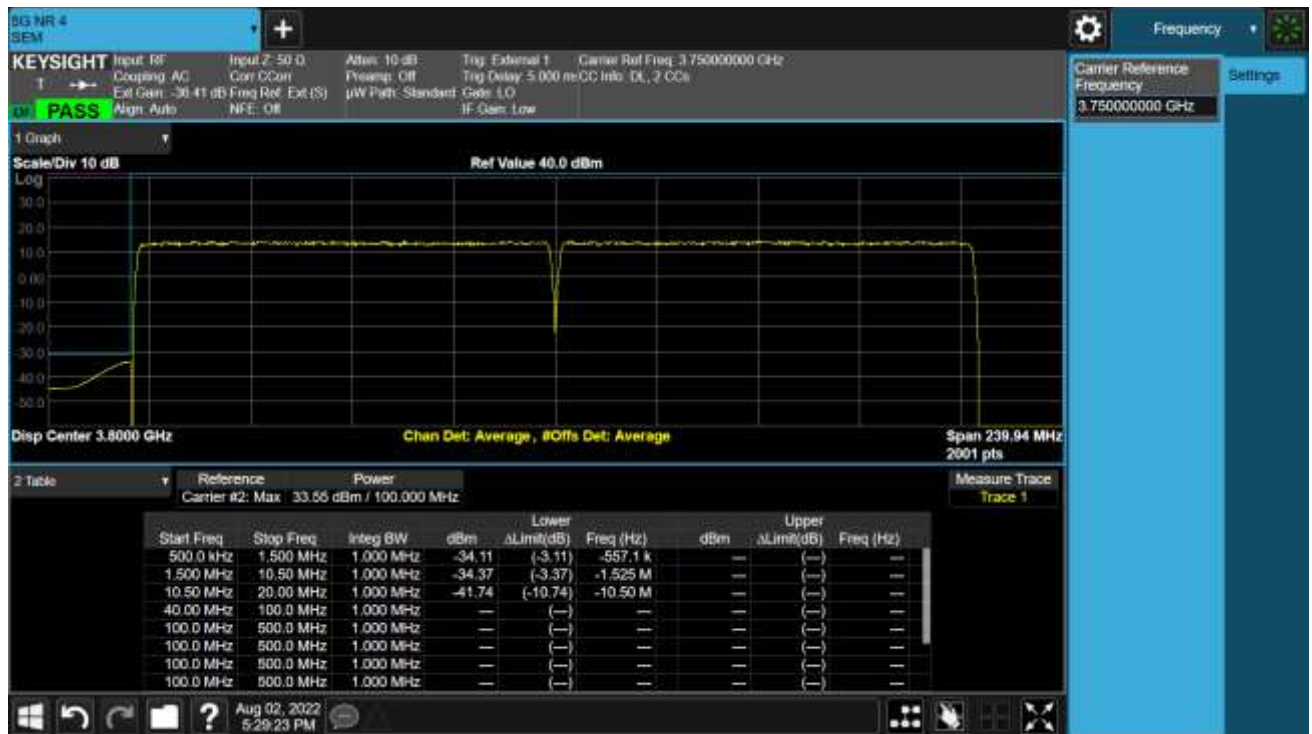


15.29.2 Figure Configuration 9_TM3.1a_T



15.30 Figure Configuration 10_TM3.1a

15.30.1 Figure Configuration 10_TM3.1a_B



15.30.2 Figure Configuration 10_TM3.1a_T



15.31 Figure Configuration 11_TM3.1a

15.31.1 Figure Configuration 11_TM3.1a_B

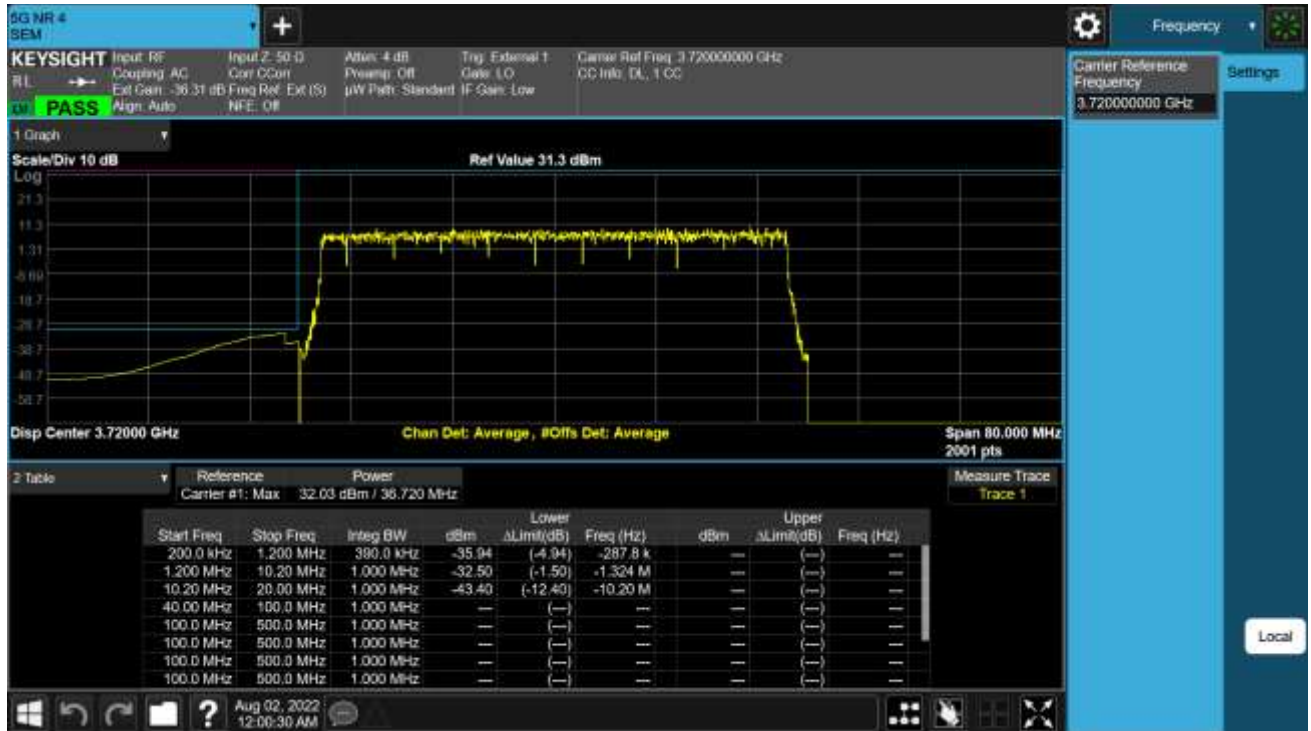


15.31.2 Figure Configuration 11_TM3.1a_T



15.32 Figure Configuration 12_TM3.1a

15.32.1 Figure Configuration 12_TM3.1a_B

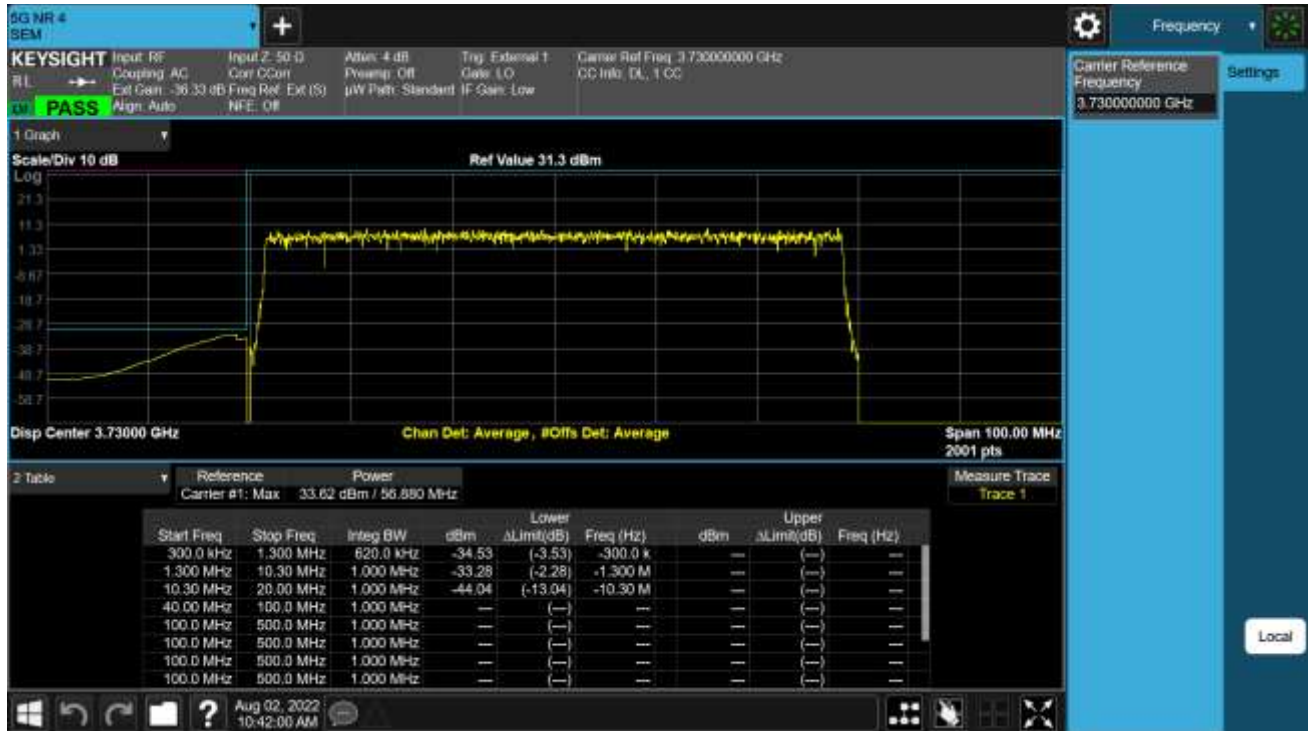


15.32.2 Figure Configuration 12_TM3.1a_T



15.33 Figure Configuration 13_TM3.1a

15.33.1 Figure Configuration 13_TM3.1a_B

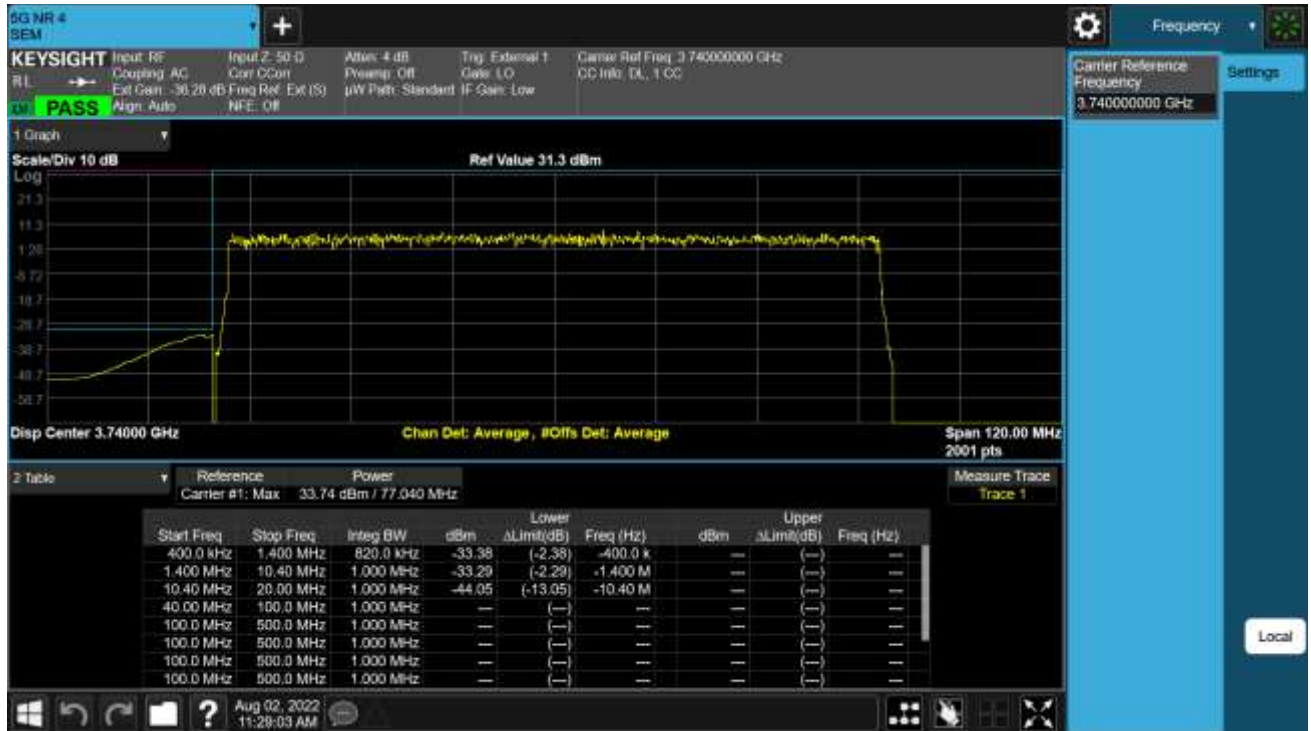


15.33.2 Figure Configuration 13_TM3.1a_T



15.34 Figure Configuration 14_TM3.1a

15.34.1 Figure Configuration 14_TM3.1a_B

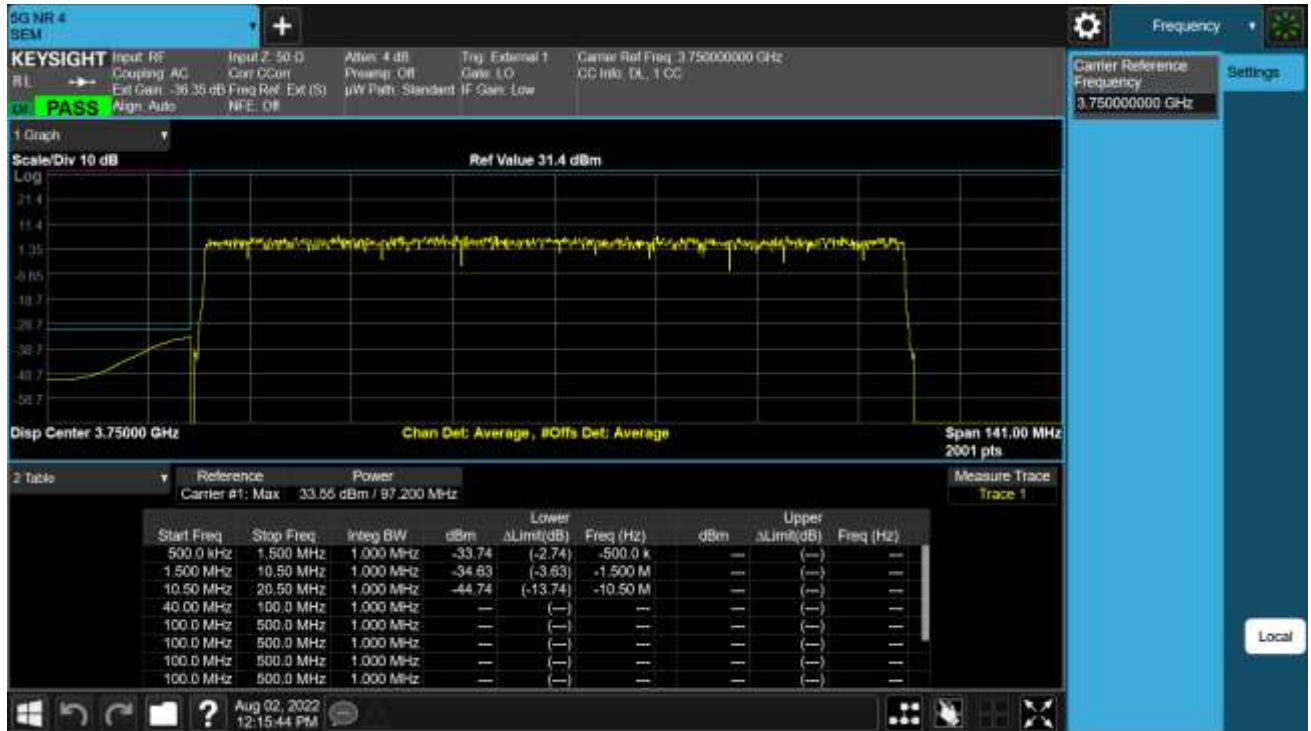


15.34.2 Figure Configuration 14_TM3.1a_T



15.35 Figure Configuration 15_TM3.1a

15.35.1 Figure Configuration 15_TM3.1a_B



15.35.2 Figure Configuration 15_TM3.1a_T



Test Item 7
FREQUENCY STABILITY

16 Result Table

Test Item	Test Environment	EUT Config.	Test Model	Measured CH	Result
FREQUENCY STABILITY	NTNV	Conf. No. 1	TM3.1, TM3.1a	CH24&CH3	Pass
		Conf. No. 2			Pass
		Conf. No. 3			Pass
		Conf. No. 4			Pass
		Conf. No. 5			Pass

Test Item	Test Environment	EUT Config.	Test Model	Measured CH	Result
FREQUENCY STABILITY	HTHV	Conf. No. 1	TM3.1, TM3.1a	CH24&CH3	Pass
		Conf. No. 2			Pass
		Conf. No. 3			Pass
		Conf. No. 4			Pass
		Conf. No. 5			Pass

Test Item	Test Environment	EUT Config.	Test Model	Measured CH	Result
FREQUENCY STABILITY	LTHV	Conf. No. 1	TM3.1, TM3.1a	CH24&CH3	Pass
		Conf. No. 2			Pass
		Conf. No. 3			Pass
		Conf. No. 4			Pass
		Conf. No. 5			Pass

Test Item	Test Environment	EUT Config.	Test Model	Measured CH	Result
FREQUENCY STABILITY	HTLV	Conf. No. 1	TM3.1, TM3.1a	CH24&CH3	Pass
		Conf. No. 2			Pass
		Conf. No. 3			Pass
		Conf. No. 4			Pass
		Conf. No. 5			Pass

Test Item	Test Environment	EUT Config.	Test Model	Measured CH	Result
FREQUENCY STABILITY	LTHV	Conf. No. 1	TM3.1, TM3.1a	CH24&CH3	Pass
		Conf. No. 2			Pass
		Conf. No. 3			Pass
		Conf. No. 4			Pass
		Conf. No. 5			Pass

17 Test Plots

Test ENV

Test Environment #	Temperature	Voltage	Relative Humidity
NTNV	See Ambient Environment	-48 Vdc	See Ambient Environment
LTLV	-40°C	-44 Vdc	---
LTHV	-40°C	-58.5 Vdc	---
HTLV	55°C	-44 Vdc	---
HTHV	55°C	-58.5 Vdc	---

Variant

Test Environment #	Temperature	Voltage	Relative Humidity
NTNV	See Ambient Environment	-48 Vdc	See Ambient Environment
LTLV	-40°C	-38.5 Vdc	---
LTHV	-40°C	-57.5 Vdc	---
HTLV	55°C	-38.5 Vdc	---
HTHV	55°C	-57.5 Vdc	---

Note: Temp change step of 10°C, temp range is -40~ 55°C. Only Min/Max temp worst case results are reported.

Summary Table of FREQUENCY STABILITY

CH24

Test Environment	EUT Config.	Deviation of Carrier Frequency[ppm]								
		Bottom	Middle	Top	Bottom	Middle	Top	Bottom	Middle	Top
NTNV	Conf. No. 1	0.002	-0.001	-0.015	0.001	-0.002	0.001	0.003	0.003	0.002
	Conf. No. 2	0.001	0.002	0.003	-0.001	-0.001	0.002	-0.002	-0.003	-0.003
	Conf. No. 3	0.002	0.000	-0.001	0.003	-0.002	0.000	0.003	-0.003	-0.001
	Conf. No. 4	0.000	0.001	0.002	-0.001	-0.003	-0.001	0.002	-0.001	-0.002
	Conf. No. 5	0.002	0.001	0.001	-0.001	0.000	0.003	0.000	-0.001	-0.002
HTHV	Conf. No. 1	-0.003	0.001	-0.002	-0.009	0.006	-0.010	-0.011	-0.015	-0.011
	Conf. No. 2	-0.001	-0.001	-0.001	-0.010	0.007	-0.007	-0.015	-0.014	-0.010
	Conf. No. 3	-0.002	0.003	-0.003	0.007	0.009	-0.007	0.016	0.013	0.018
	Conf. No. 4	0.003	0.003	0.002	0.010	0.009	0.006	-0.017	0.015	0.015
	Conf. No. 5	0.002	-0.001	-0.002	-0.008	0.008	0.007	-0.015	-0.017	0.010
LTHV	Conf. No. 1	0.001	-0.003	-0.003	0.017	0.012	-0.010	0.021	-0.019	-0.020
	Conf. No. 2	-0.003	-0.003	-0.003	0.018	-0.015	-0.016	0.022	-0.025	-0.022
	Conf. No. 3	-0.003	-0.003	-0.001	-0.017	-0.015	-0.017	-0.026	-0.020	0.019
	Conf. No. 4	-0.002	0.003	0.003	0.018	0.018	-0.015	0.027	0.026	-0.025
	Conf. No. 5	0.002	-0.002	0.002	-0.016	0.011	-0.010	0.019	-0.026	-0.028

HTLV	Conf. No. 1	-0.002	-0.001	0.001	0.009	-0.006	0.008	-0.012	0.013	-0.018
	Conf. No. 2	0.003	-0.001	0.002	-0.008	-0.006	-0.009	0.015	-0.014	0.013
	Conf. No. 3	0.001	-0.003	-0.003	-0.008	0.006	0.006	-0.012	-0.017	-0.010
	Conf. No. 4	0.002	0.001	0.003	-0.007	-0.008	-0.006	-0.016	-0.016	-0.014
	Conf. No. 5	-0.002	-0.002	0.002	0.008	-0.009	0.007	-0.016	-0.014	0.012
LTLV	Conf. No. 1	0.003	-0.001	-0.002	-0.015	0.017	0.014	-0.026	0.028	0.028
	Conf. No. 2	-0.003	0.002	-0.002	-0.012	-0.012	0.016	-0.021	-0.025	0.028
	Conf. No. 3	0.003	-0.002	-0.001	-0.016	0.016	-0.012	-0.019	0.026	-0.024
	Conf. No. 4	-0.001	0.001	0.001	-0.011	0.010	-0.015	0.022	0.021	-0.024
	Conf. No. 5	0.001	-0.003	-0.003	0.017	0.010	-0.016	-0.020	-0.025	-0.020

Variant (SCS 60KHz)

Measured CH / Carrier Freq.	EUT Config.	Deviation of Carrier Frequency[ppm]				
		LTLV	LTHV	NTNV	HTLV	HTHV
CH3 / M	Conf. No. 5	0.001	0.001	-0.001	-0.001	-0.001

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END