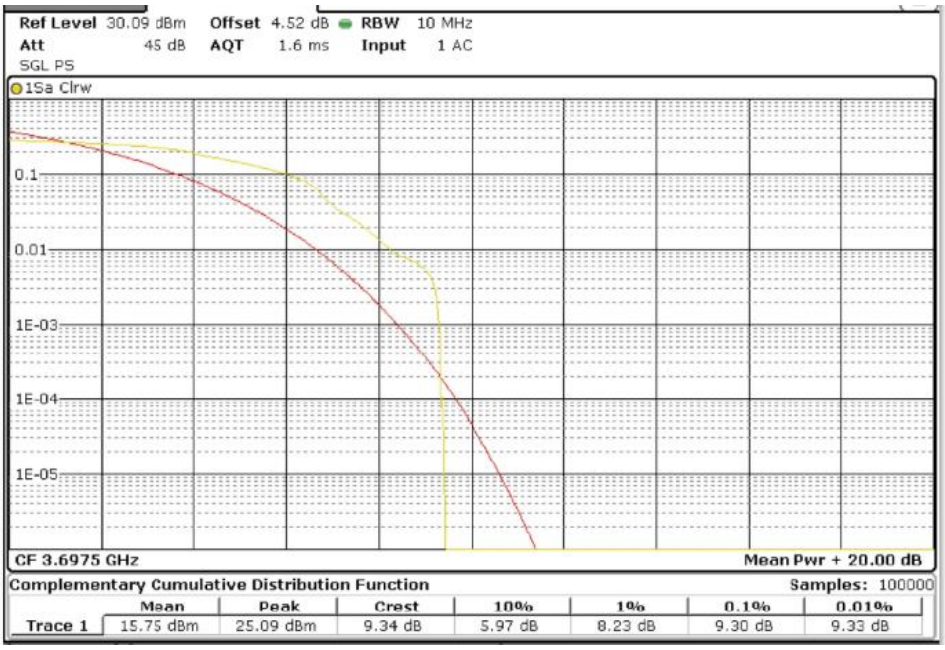
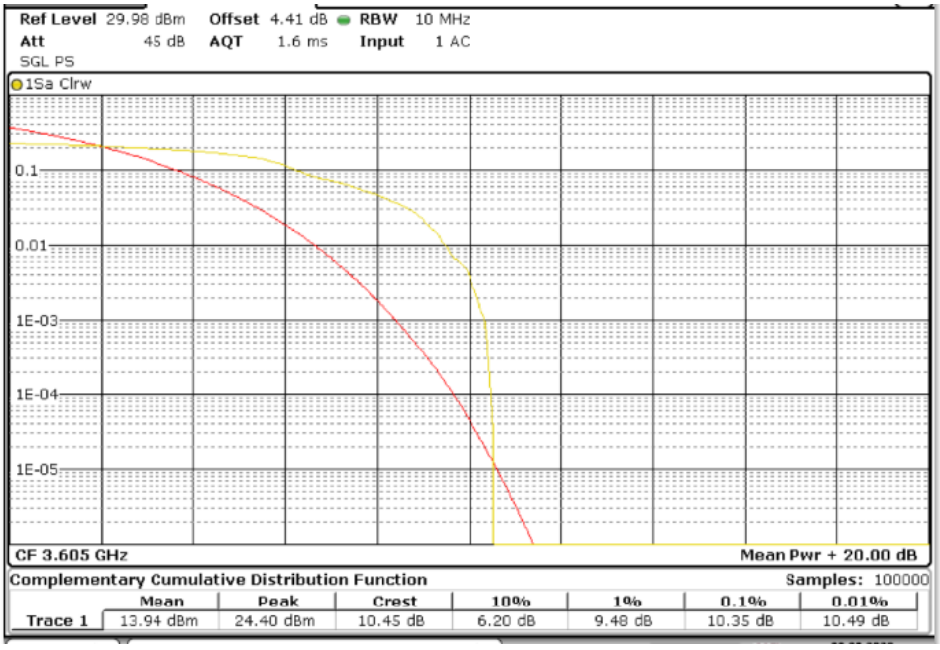
TEST RESULTS (Cont.):	

Highest Channel (3697.5 MHz)



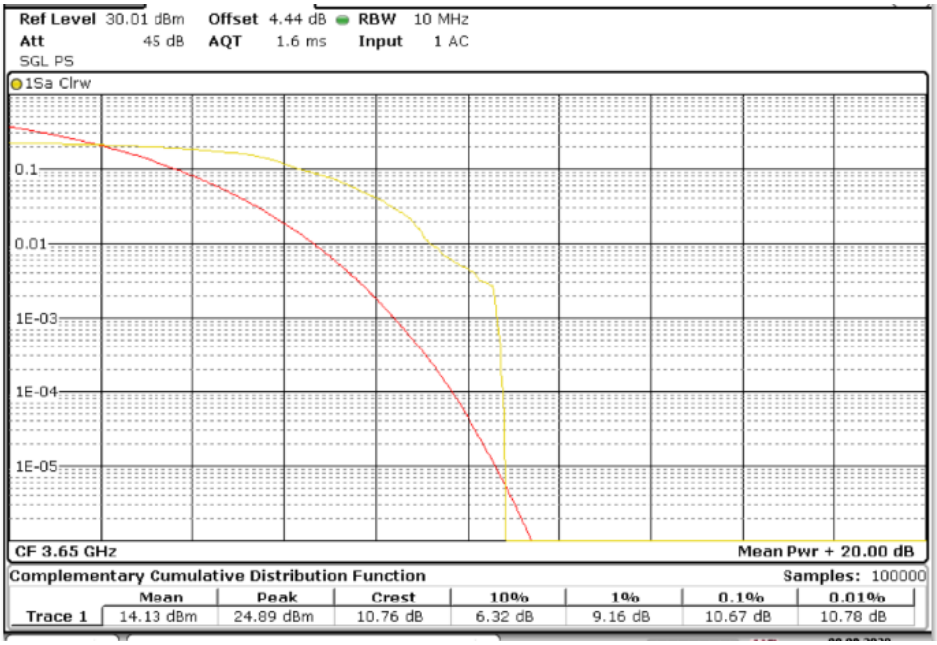
10 MHz BW

Lowest Channel (3605 MHz)

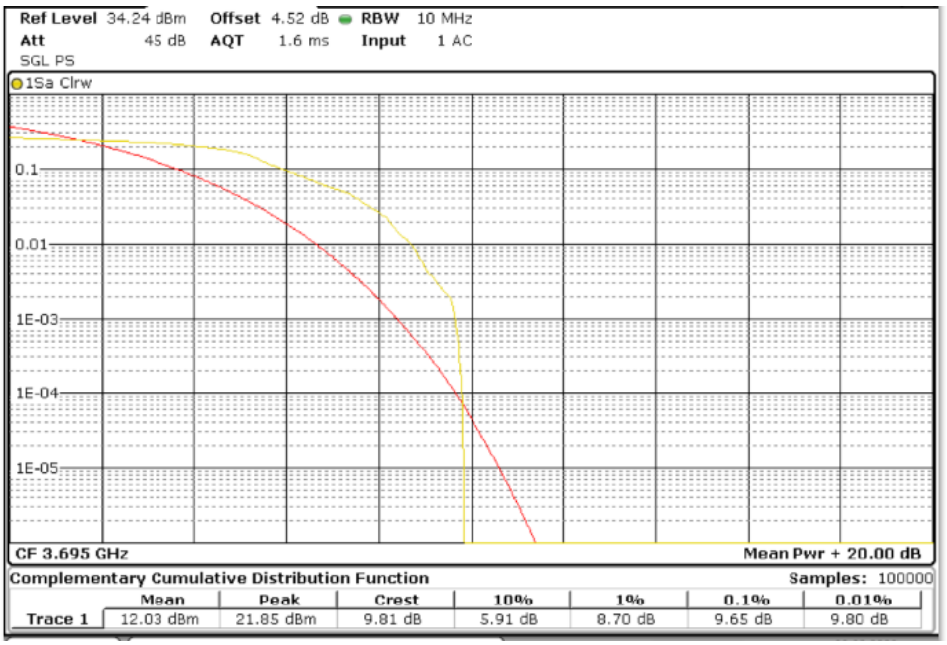


TEST RESULTS (Cont.):	

Middle Channel (3650 MHz)



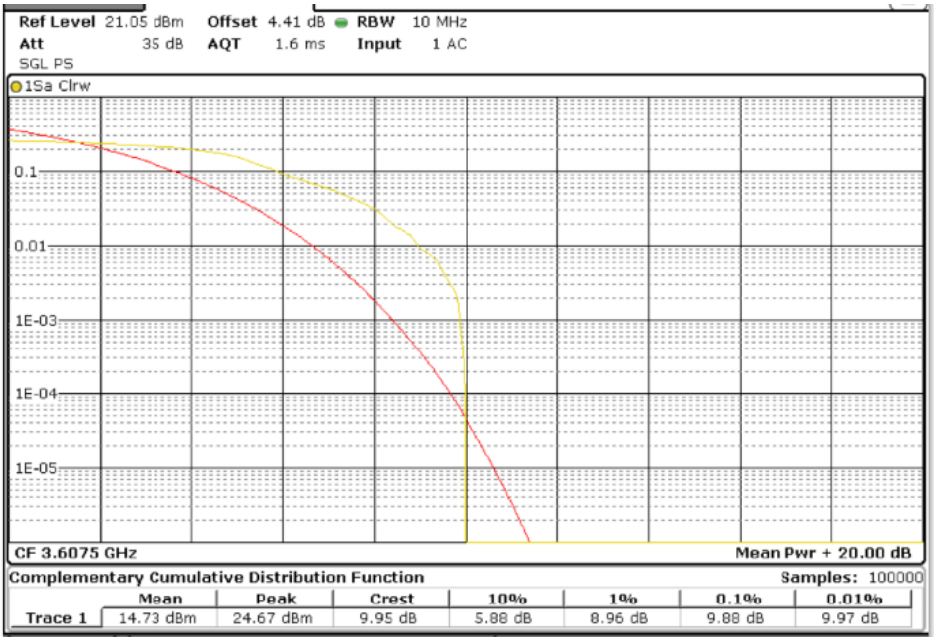
Highest Channel (3695 MHz)



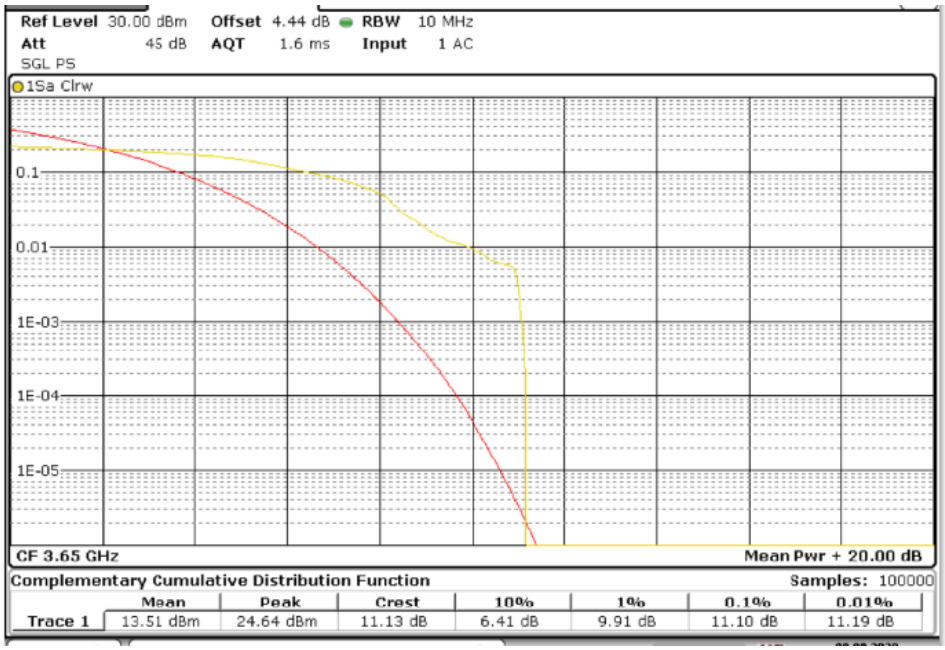
TEST RESULTS (Cont.):	

15 MHz BW

Lowest Channel (3607.5 MHz)

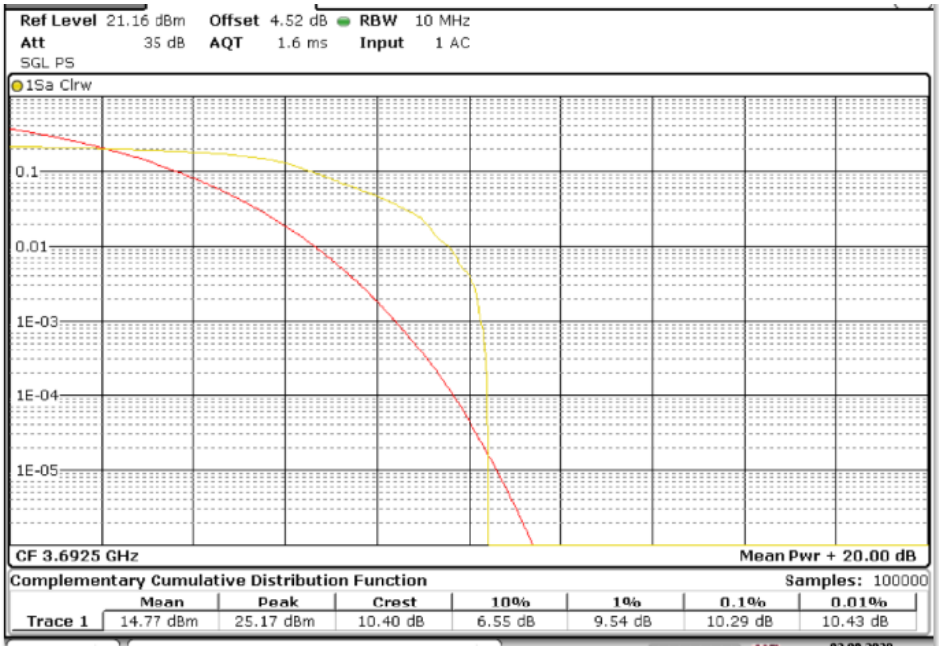


Middle Channel (3650 MHz)



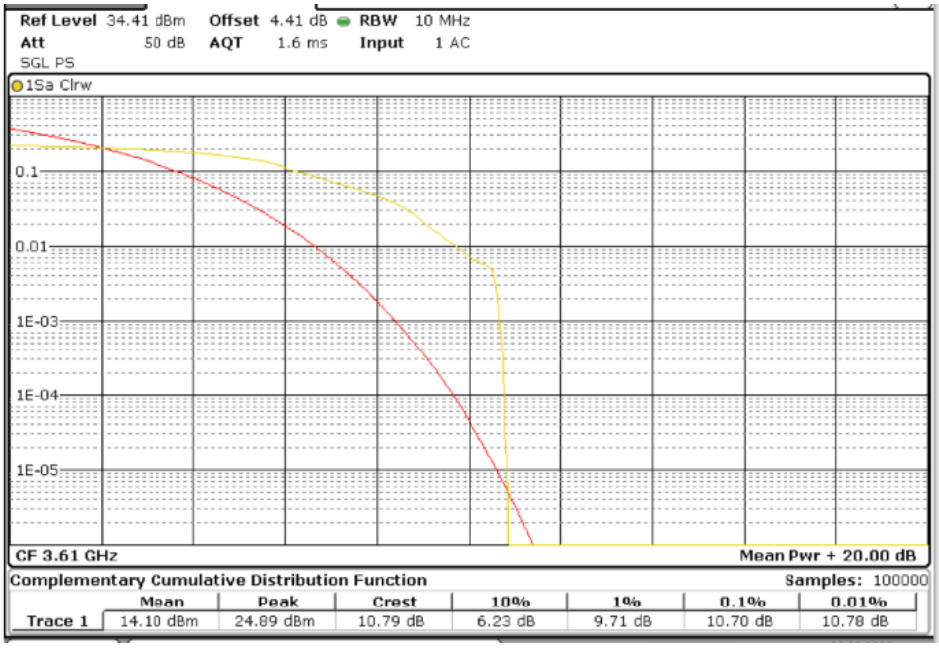
TEST RESULTS (Cont.):	

Highest Channel (3692.5 MHz)



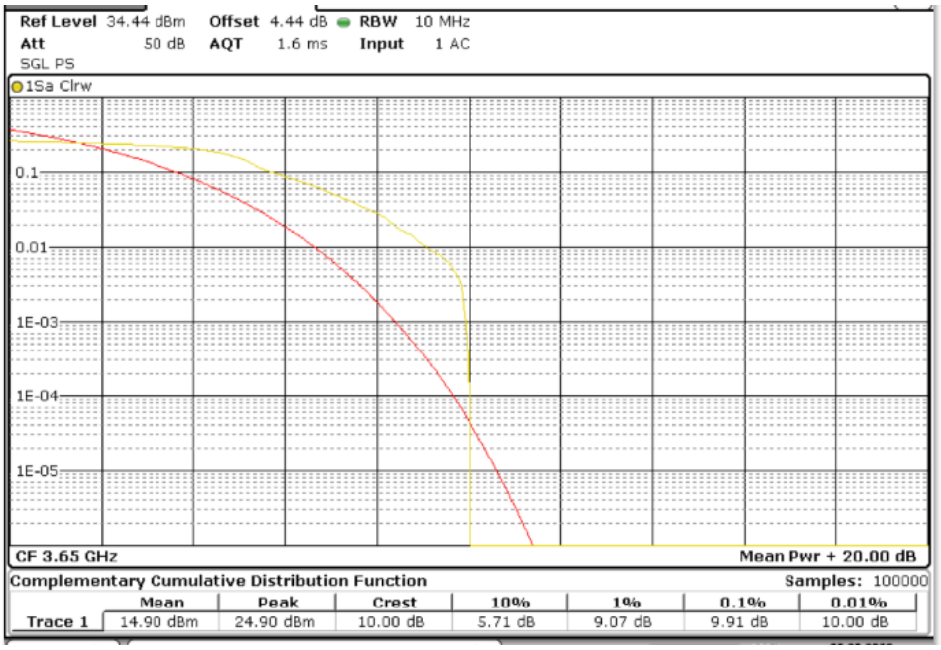
20 MHz BW

Lowest Channel (3610 MHz)

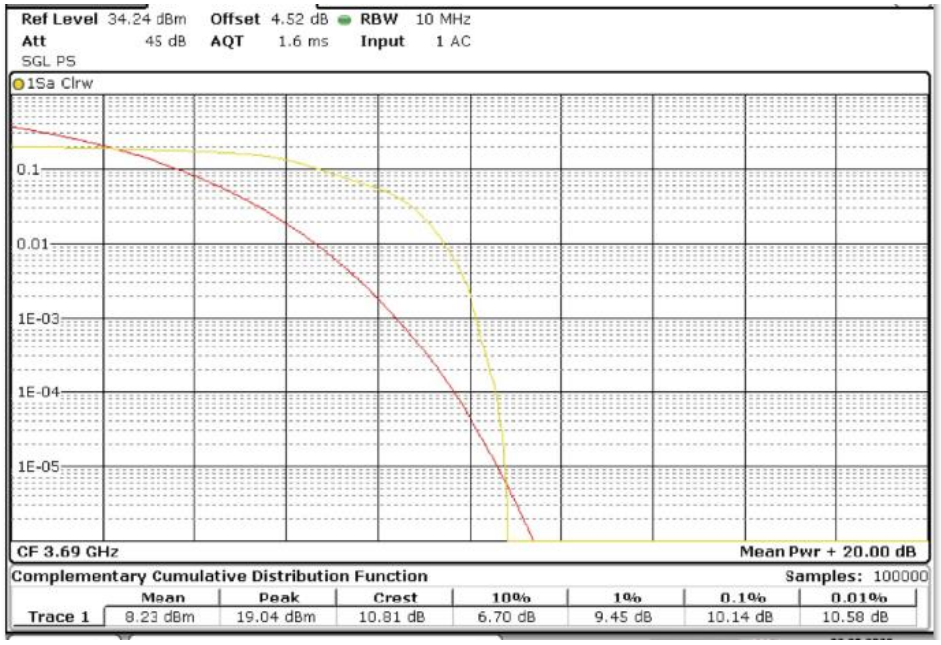


TEST RESULTS (Cont.):	

Middle Channel (3650 MHz)



Highest Channel (3690 MHz)



TEST A.5: 3.5 GHZ EMISSION AND INTERFERENCE LIMITS

LIMITS:	Product standard:	Part 96.41 Subclause (e)
	Test standard:	ANSI C63.26-2015

LIMITS

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in § 2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

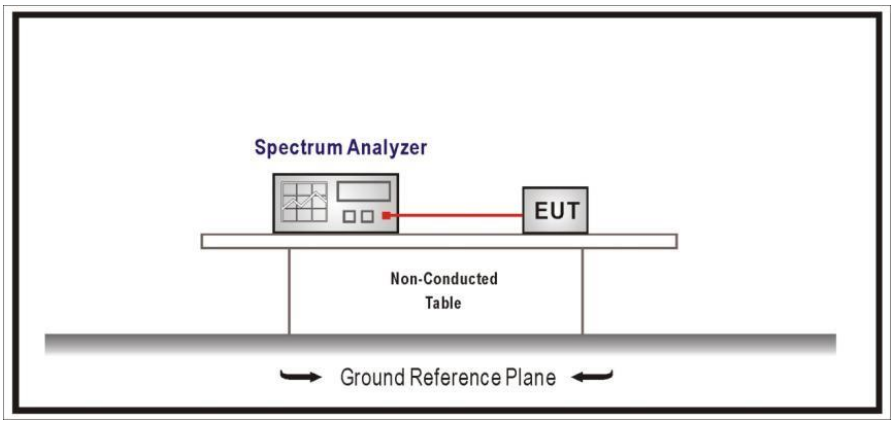
Confirm that the device satisfies the emission limits specified in Section 96.41(e) for all declared channel sizes, at the lowest and highest edges of the band, and in the middle of the band. The RMS detector was used for the measurement at each frequency with 400 MHz span.

A narrower RBW is permitted in all cases to improve measurement accuracy, provided the measured power is integrated over the full reference bandwidth.

The limits for emission outside the fundamental are stated below.

- within 0-10 MHz above and below the assigned channel ≤ -13 dBm/MHz
- greater than 10 MHz above and below the assigned channel ≤ -25 dBm/MHz
- any emission below 3530 MHz and above 3720 MHz ≤ -40 dBm/MHz

TEST SETUP	



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (Band 48)
TEST RESULTS:	PASS

5 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

10 MHz BW

Lowest 3555 MHz		Middle 3625 MHz		Highest 3695 MHz	
Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)
No Spurious		3758.74	-46.60	3828.58	-50.33
Measurement uncertainty (dB) <± 0.64					

15 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

20 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

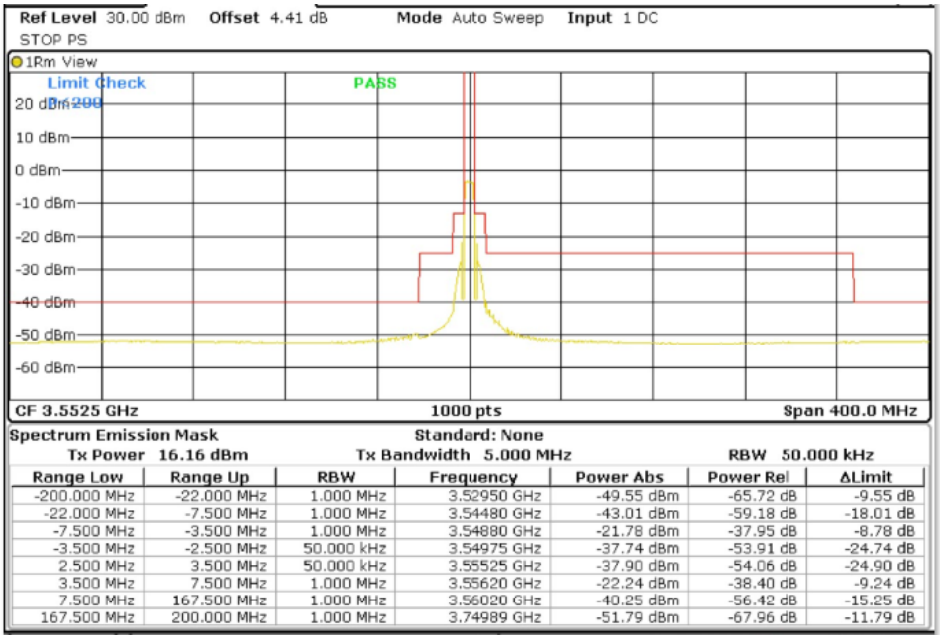
Verdict: PASS

(See next plots)

TEST RESULTS (Cont.):	

5 MHz BW

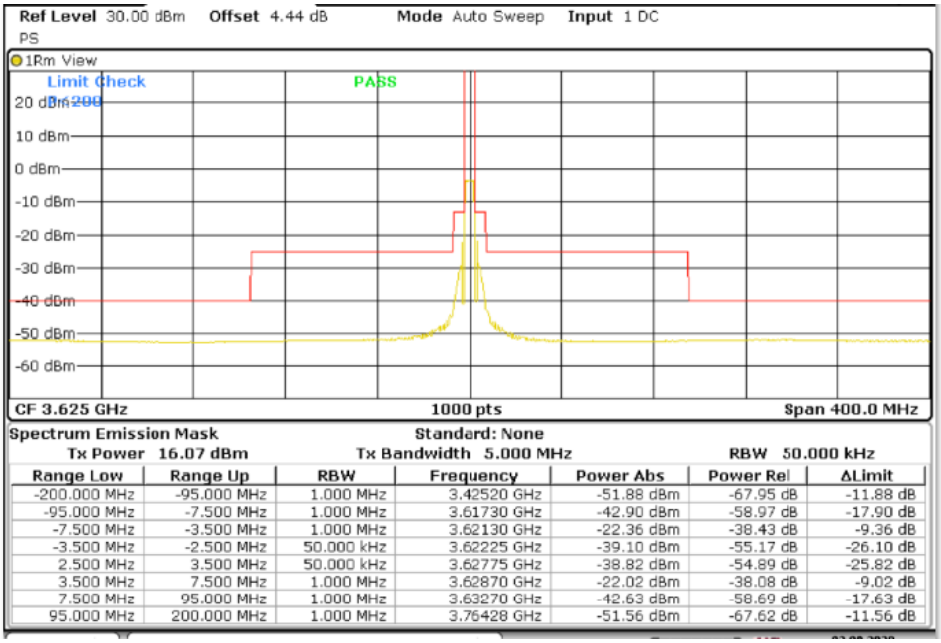
Lowest Channel (3552.5 MHz)



Spectrum Emission Mask — Standard: None
Tx Power 16.16 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-22.000 MHz	1.000 MHz	3.52950 GHz	-49.55 dBm	-65.72 dB	-9.55 dB
-22.000 MHz	-7.500 MHz	1.000 MHz	3.54480 GHz	-43.01 dBm	-59.18 dB	-18.01 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.54880 GHz	-21.78 dBm	-37.95 dB	-8.78 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.54975 GHz	-37.74 dBm	-53.91 dB	-24.74 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.55525 GHz	-37.90 dBm	-54.06 dB	-24.90 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.55620 GHz	-22.24 dBm	-38.40 dB	-9.24 dB
7.500 MHz	167.500 MHz	1.000 MHz	3.56020 GHz	-40.25 dBm	-56.42 dB	-15.25 dB
167.500 MHz	200.000 MHz	1.000 MHz	3.74989 GHz	-51.79 dBm	-67.96 dB	-11.79 dB

Middle Channel (3625 MHz)

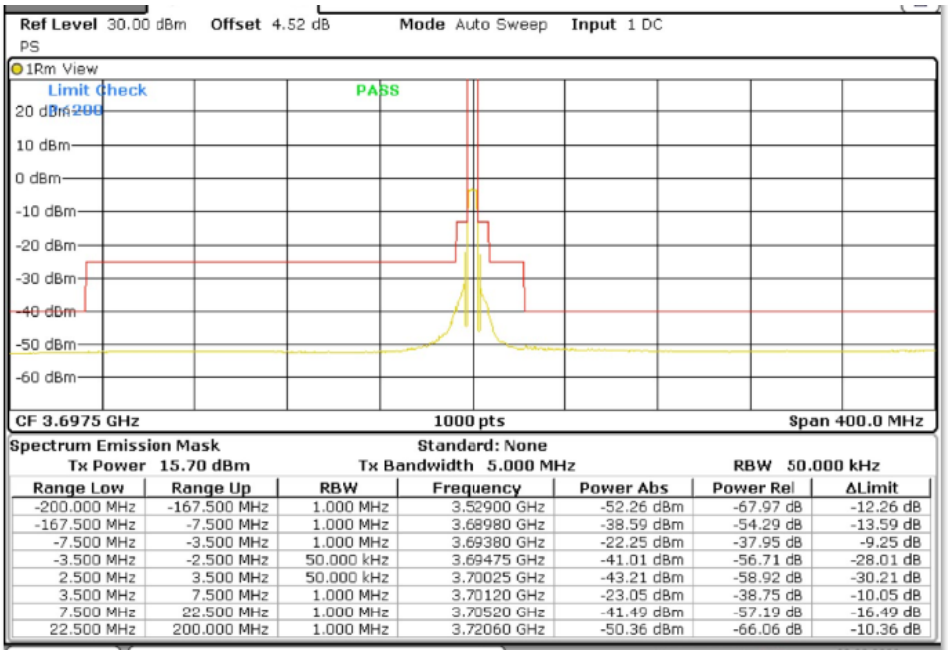


Spectrum Emission Mask — Standard: None
Tx Power 16.07 dBm — Tx Bandwidth 5.000 MHz — RBW 50.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-95.000 MHz	1.000 MHz	3.42520 GHz	-51.88 dBm	-67.95 dB	-11.88 dB
-95.000 MHz	-7.500 MHz	1.000 MHz	3.61730 GHz	-42.90 dBm	-58.97 dB	-17.90 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.62130 GHz	-22.36 dBm	-38.43 dB	-9.36 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.62225 GHz	-39.10 dBm	-55.17 dB	-26.10 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.62775 GHz	-38.82 dBm	-54.89 dB	-25.82 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.62870 GHz	-22.02 dBm	-38.08 dB	-9.02 dB
7.500 MHz	95.000 MHz	1.000 MHz	3.63270 GHz	-42.63 dBm	-58.69 dB	-17.63 dB
95.000 MHz	200.000 MHz	1.000 MHz	3.76428 GHz	-51.56 dBm	-67.62 dB	-11.56 dB

TEST RESULTS (Cont.):	

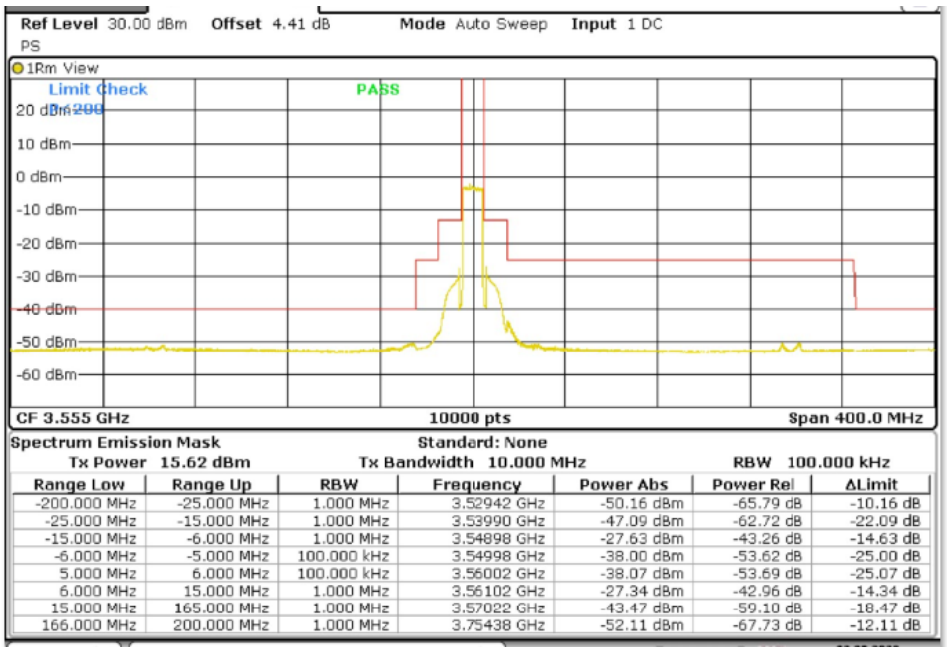
Highest Channel (3697.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-167.500 MHz	1.000 MHz	3.52900 GHz	-52.26 dBm	-67.97 dB	-12.26 dB
-167.500 MHz	-7.500 MHz	1.000 MHz	3.68980 GHz	-38.59 dBm	-54.29 dB	-13.59 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.69380 GHz	-22.25 dBm	-37.95 dB	-9.25 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.69475 GHz	-41.01 dBm	-56.71 dB	-28.01 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.70025 GHz	-43.21 dBm	-58.92 dB	-30.21 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.70120 GHz	-23.05 dBm	-38.75 dB	-10.05 dB
7.500 MHz	22.500 MHz	1.000 MHz	3.70520 GHz	-41.49 dBm	-57.19 dB	-16.49 dB
22.500 MHz	200.000 MHz	1.000 MHz	3.72060 GHz	-50.36 dBm	-66.06 dB	-10.36 dB

10 MHz BW

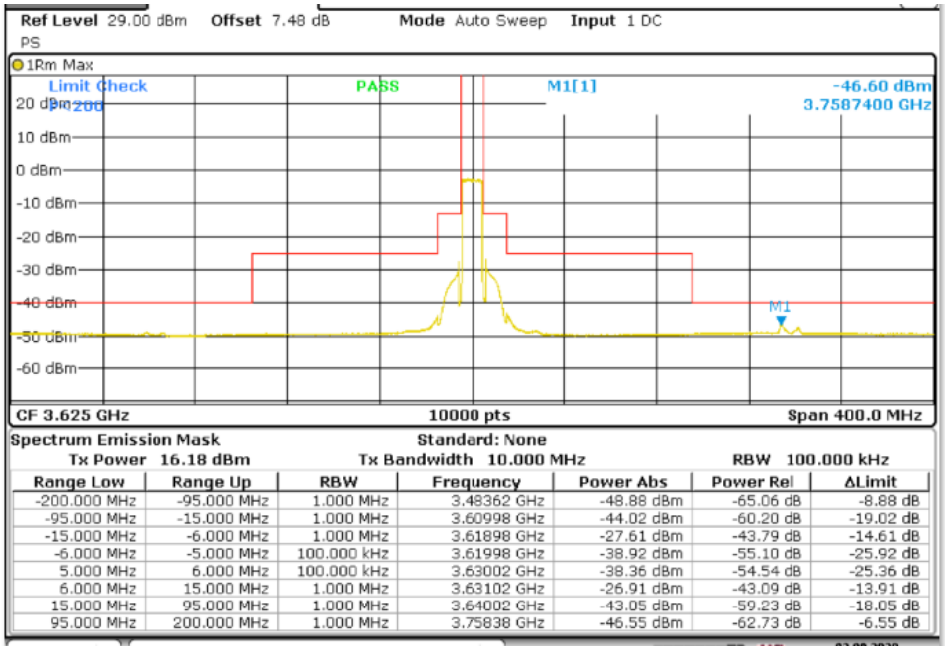
Lowest Channel (3555 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-25.000 MHz	1.000 MHz	3.52942 GHz	-50.16 dBm	-65.79 dB	-10.16 dB
-25.000 MHz	-15.000 MHz	1.000 MHz	3.53990 GHz	-47.09 dBm	-62.72 dB	-22.09 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.54898 GHz	-27.63 dBm	-43.26 dB	-14.63 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.54998 GHz	-38.00 dBm	-53.62 dB	-25.00 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.56002 GHz	-38.07 dBm	-53.69 dB	-25.07 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.56102 GHz	-27.34 dBm	-42.96 dB	-14.34 dB
15.000 MHz	165.000 MHz	1.000 MHz	3.57022 GHz	-43.47 dBm	-59.10 dB	-18.47 dB
166.000 MHz	200.000 MHz	1.000 MHz	3.75438 GHz	-52.11 dBm	-67.73 dB	-12.11 dB

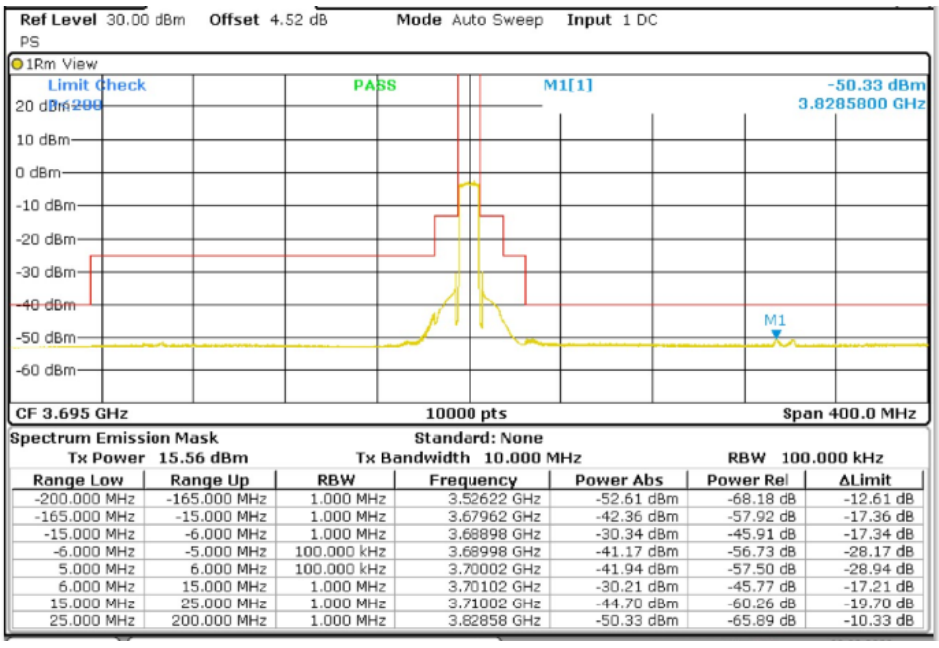
TEST RESULTS (Cont.):	

Middle Channel (3625 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-95.000 MHz	1.000 MHz	3.48362 GHz	-48.88 dBm	-65.06 dB	-8.88 dB
-95.000 MHz	-15.000 MHz	1.000 MHz	3.60998 GHz	-44.02 dBm	-60.20 dB	-19.02 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.61898 GHz	-27.61 dBm	-43.79 dB	-14.61 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.61998 GHz	-38.92 dBm	-55.10 dB	-25.92 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.63002 GHz	-38.36 dBm	-54.54 dB	-25.36 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.63102 GHz	-26.91 dBm	-43.09 dB	-13.91 dB
15.000 MHz	95.000 MHz	1.000 MHz	3.64002 GHz	-43.05 dBm	-59.23 dB	-18.05 dB
95.000 MHz	200.000 MHz	1.000 MHz	3.75838 GHz	-46.55 dBm	-62.73 dB	-6.55 dB

Highest Channel (3695 MHz)

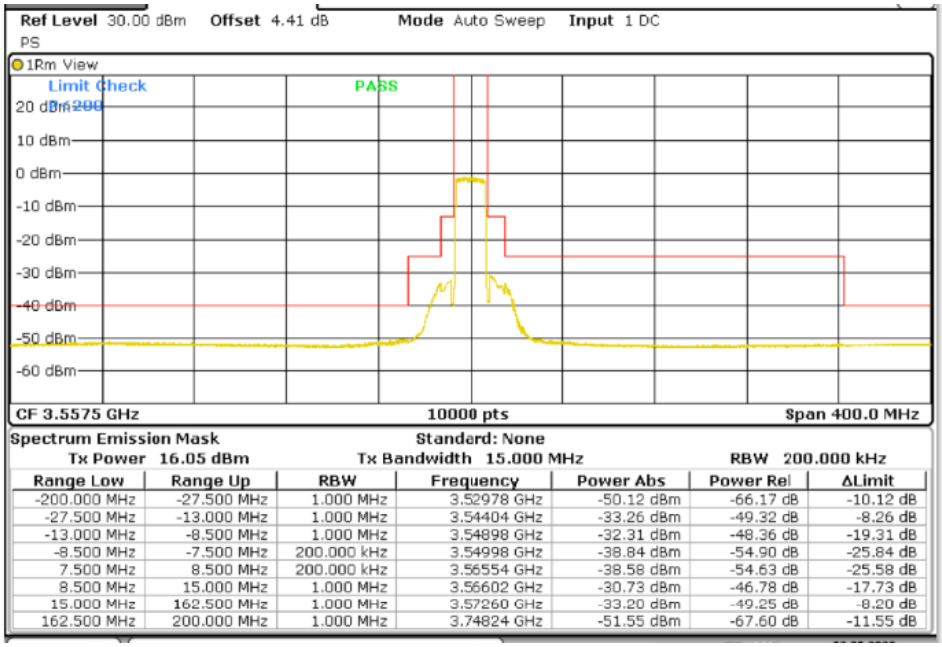


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-165.000 MHz	1.000 MHz	3.52622 GHz	-52.61 dBm	-68.18 dB	-12.61 dB
-165.000 MHz	-15.000 MHz	1.000 MHz	3.67962 GHz	-42.36 dBm	-57.92 dB	-17.36 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.68898 GHz	-30.34 dBm	-45.91 dB	-17.34 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.68998 GHz	-41.17 dBm	-56.73 dB	-28.17 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.70002 GHz	-41.94 dBm	-57.50 dB	-28.94 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.70102 GHz	-30.21 dBm	-45.77 dB	-17.21 dB
15.000 MHz	25.000 MHz	1.000 MHz	3.71002 GHz	-44.70 dBm	-60.26 dB	-19.70 dB
25.000 MHz	200.000 MHz	1.000 MHz	3.82858 GHz	-50.33 dBm	-65.89 dB	-10.33 dB

TEST RESULTS (Cont.):	

15 MHz BW

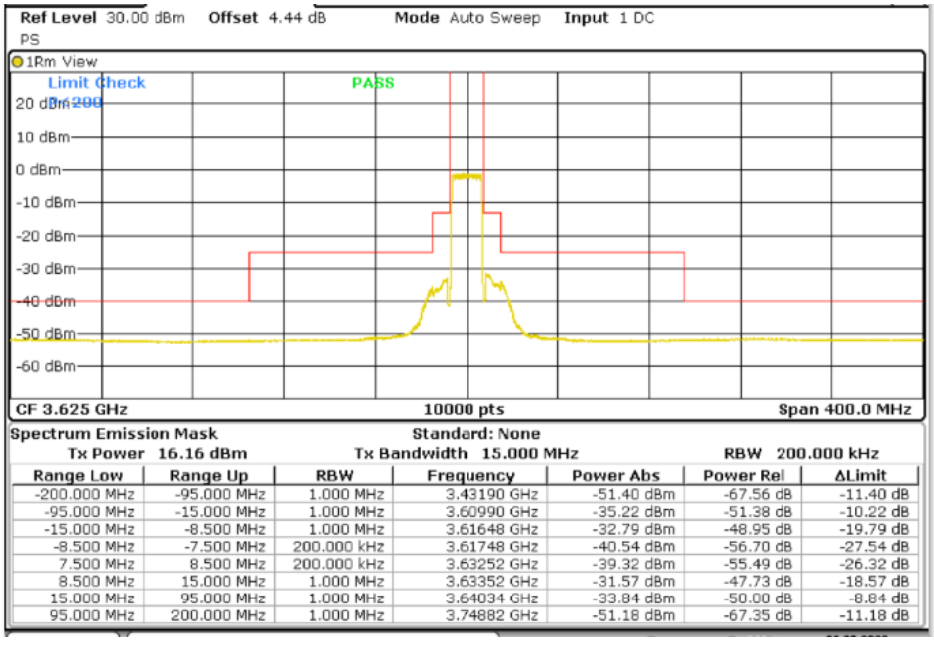
Lowest Channel (3557.5 MHz)



Spectrum Emission Mask — Standard: None
Tx Power 16.05 dBm — Tx Bandwidth 15.000 MHz — RBW 200.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-27.500 MHz	1.000 MHz	3.52978 GHz	-50.12 dBm	-66.17 dB	-10.12 dB
-27.500 MHz	-13.000 MHz	1.000 MHz	3.54404 GHz	-33.26 dBm	-49.32 dB	-8.26 dB
-13.000 MHz	-8.500 MHz	1.000 MHz	3.54898 GHz	-32.31 dBm	-48.36 dB	-19.31 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.54998 GHz	-38.84 dBm	-54.90 dB	-25.84 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.56554 GHz	-38.58 dBm	-54.63 dB	-25.58 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.56602 GHz	-30.73 dBm	-46.78 dB	-17.73 dB
15.000 MHz	162.500 MHz	1.000 MHz	3.57260 GHz	-33.20 dBm	-49.25 dB	-8.20 dB
162.500 MHz	200.000 MHz	1.000 MHz	3.74824 GHz	-51.55 dBm	-67.60 dB	-11.55 dB

Middle Channel (3625 MHz)

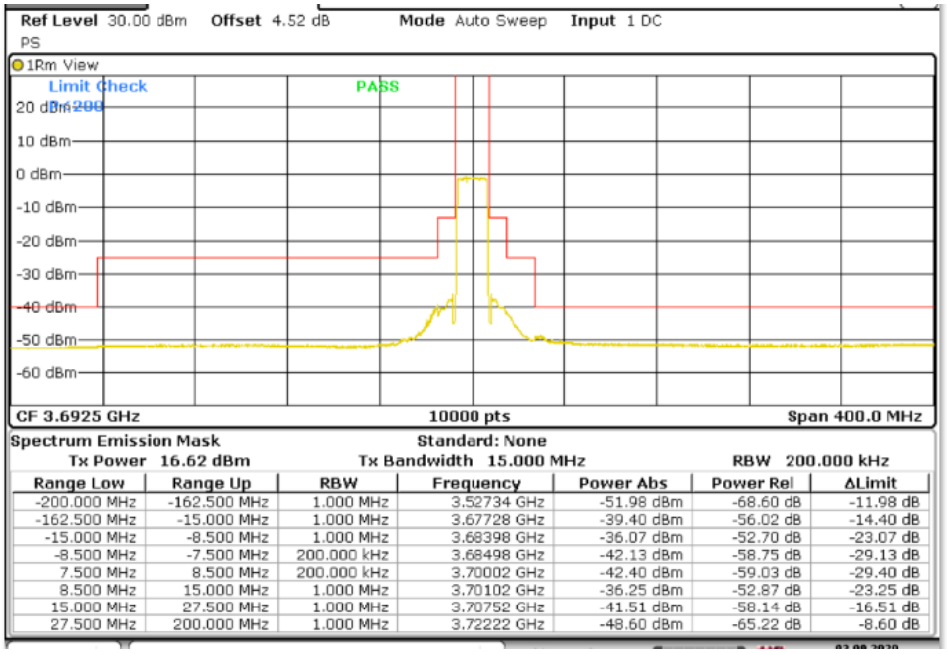


Spectrum Emission Mask — Standard: None
Tx Power 16.16 dBm — Tx Bandwidth 15.000 MHz — RBW 200.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-95.000 MHz	1.000 MHz	3.43190 GHz	-51.40 dBm	-67.56 dB	-11.40 dB
-95.000 MHz	-15.000 MHz	1.000 MHz	3.60990 GHz	-35.22 dBm	-51.38 dB	-10.22 dB
-15.000 MHz	-8.500 MHz	1.000 MHz	3.61648 GHz	-32.79 dBm	-48.95 dB	-19.79 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.61748 GHz	-40.54 dBm	-56.70 dB	-27.54 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.63252 GHz	-39.32 dBm	-55.49 dB	-26.32 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.63352 GHz	-31.57 dBm	-47.73 dB	-18.57 dB
15.000 MHz	95.000 MHz	1.000 MHz	3.64034 GHz	-33.84 dBm	-50.00 dB	-8.84 dB
95.000 MHz	200.000 MHz	1.000 MHz	3.74882 GHz	-51.18 dBm	-67.35 dB	-11.18 dB

TEST RESULTS (Cont.):	

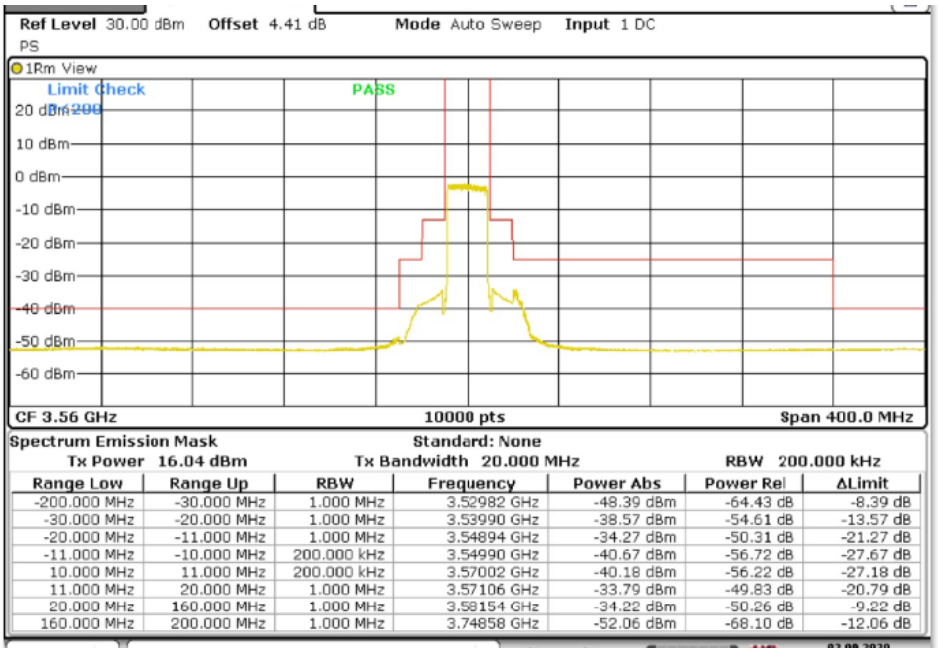
Highest Channel (3692.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-162.500 MHz	1.000 MHz	3.52734 GHz	-51.98 dBm	-68.60 dB	-11.98 dB
-162.500 MHz	-15.000 MHz	1.000 MHz	3.67728 GHz	-39.40 dBm	-56.02 dB	-14.40 dB
-15.000 MHz	-8.500 MHz	1.000 MHz	3.68398 GHz	-36.07 dBm	-52.70 dB	-23.07 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.68498 GHz	-42.13 dBm	-58.75 dB	-29.13 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.70002 GHz	-42.40 dBm	-59.03 dB	-29.40 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.70102 GHz	-36.25 dBm	-52.87 dB	-23.25 dB
15.000 MHz	27.500 MHz	1.000 MHz	3.70752 GHz	-41.51 dBm	-58.14 dB	-16.51 dB
27.500 MHz	200.000 MHz	1.000 MHz	3.72222 GHz	-48.60 dBm	-65.22 dB	-8.60 dB

<u>20 MHz BW</u>

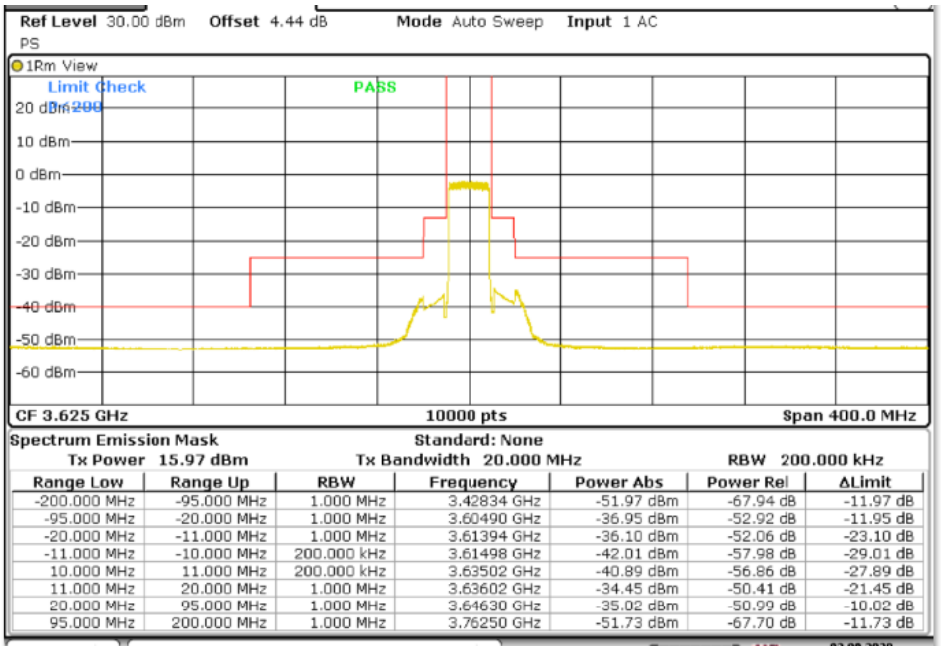
Lowest Channel (3560 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-30.000 MHz	1.000 MHz	3.52982 GHz	-48.39 dBm	-64.43 dB	-8.39 dB
-30.000 MHz	-20.000 MHz	1.000 MHz	3.53990 GHz	-38.57 dBm	-54.61 dB	-13.57 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.54894 GHz	-34.27 dBm	-50.31 dB	-21.27 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.54990 GHz	-40.67 dBm	-56.72 dB	-27.67 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.57002 GHz	-40.18 dBm	-56.22 dB	-27.18 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.57106 GHz	-33.79 dBm	-49.83 dB	-20.79 dB
20.000 MHz	160.000 MHz	1.000 MHz	3.58154 GHz	-34.22 dBm	-50.26 dB	-9.22 dB
160.000 MHz	200.000 MHz	1.000 MHz	3.74858 GHz	-52.06 dBm	-68.10 dB	-12.06 dB

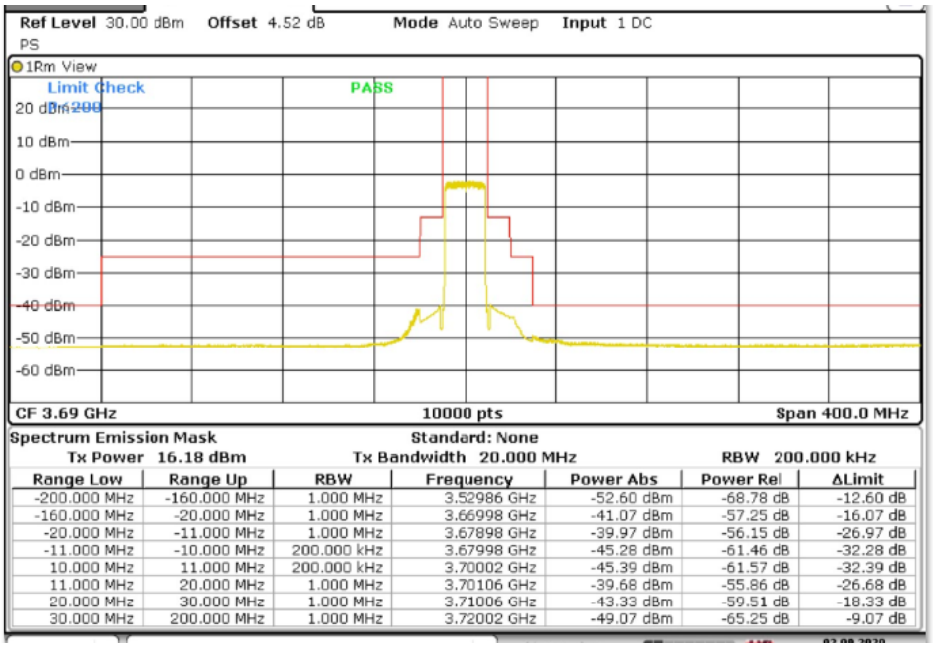
TEST RESULTS (Cont.):	

Middle Channel (3625 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-95.000 MHz	1.000 MHz	3.42834 GHz	-51.97 dBm	-67.94 dB	-11.97 dB
-95.000 MHz	-20.000 MHz	1.000 MHz	3.60490 GHz	-36.95 dBm	-52.92 dB	-11.95 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.61394 GHz	-36.10 dBm	-52.06 dB	-23.10 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.61498 GHz	-42.01 dBm	-57.98 dB	-29.01 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.63502 GHz	-40.89 dBm	-56.86 dB	-27.89 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.63602 GHz	-34.45 dBm	-50.41 dB	-21.45 dB
20.000 MHz	95.000 MHz	1.000 MHz	3.64630 GHz	-35.02 dBm	-50.99 dB	-10.02 dB
95.000 MHz	200.000 MHz	1.000 MHz	3.76250 GHz	-51.73 dBm	-67.70 dB	-11.73 dB

Highest Channel (3690 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-160.000 MHz	1.000 MHz	3.52986 GHz	-52.60 dBm	-68.78 dB	-12.60 dB
-160.000 MHz	-20.000 MHz	1.000 MHz	3.66998 GHz	-41.07 dBm	-57.25 dB	-16.07 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.67898 GHz	-39.97 dBm	-56.15 dB	-26.97 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.67998 GHz	-45.28 dBm	-61.46 dB	-32.28 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.70002 GHz	-45.39 dBm	-61.57 dB	-32.39 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.70106 GHz	-39.68 dBm	-55.86 dB	-26.68 dB
20.000 MHz	30.000 MHz	1.000 MHz	3.71006 GHz	-43.33 dBm	-59.51 dB	-18.33 dB
30.000 MHz	200.000 MHz	1.000 MHz	3.72002 GHz	-49.07 dBm	-65.25 dB	-9.07 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (Band 42)
TEST RESULTS:	PASS

5 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

10 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

15 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

20 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

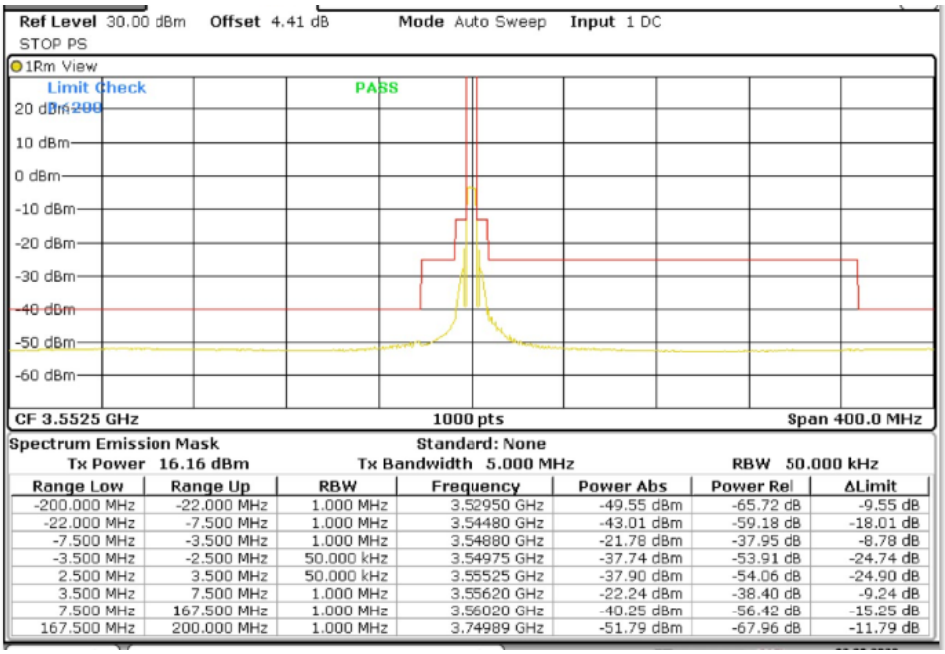
Verdict: PASS

(See next plots)

TEST RESULTS (Cont.):	

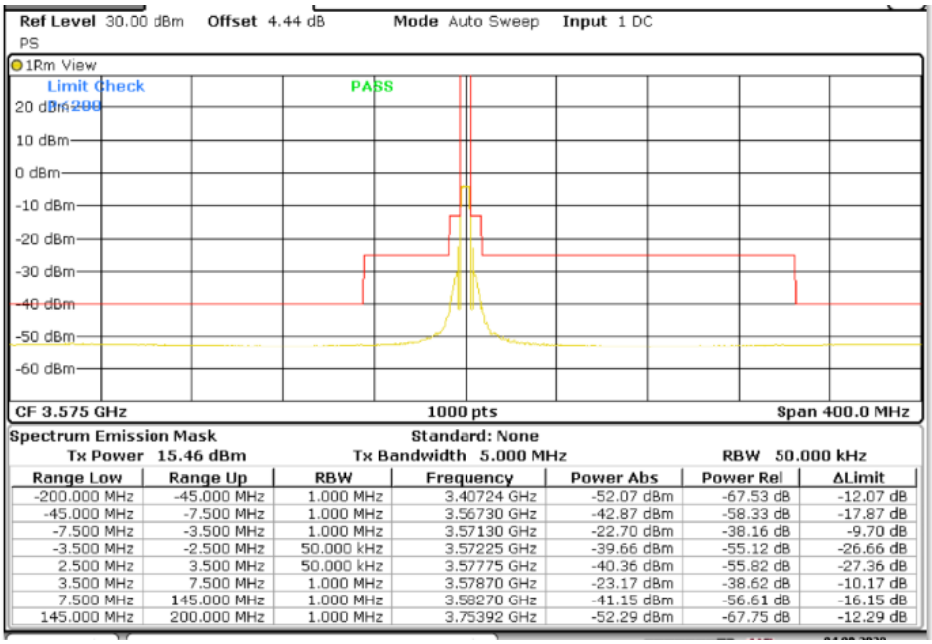
5 MHz BW

Lowest Channel (3552.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-22.000 MHz	1.000 MHz	3.52950 GHz	-49.55 dBm	-65.72 dB	-9.55 dB
-22.000 MHz	-7.500 MHz	1.000 MHz	3.54480 GHz	-43.01 dBm	-59.18 dB	-18.01 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.54880 GHz	-21.78 dBm	-37.95 dB	-8.78 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.54975 GHz	-37.74 dBm	-53.91 dB	-24.74 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.55525 GHz	-37.90 dBm	-54.06 dB	-24.90 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.55620 GHz	-22.24 dBm	-38.40 dB	-9.24 dB
7.500 MHz	167.500 MHz	1.000 MHz	3.56020 GHz	-40.25 dBm	-56.42 dB	-15.25 dB
167.500 MHz	200.000 MHz	1.000 MHz	3.74989 GHz	-51.79 dBm	-67.96 dB	-11.79 dB

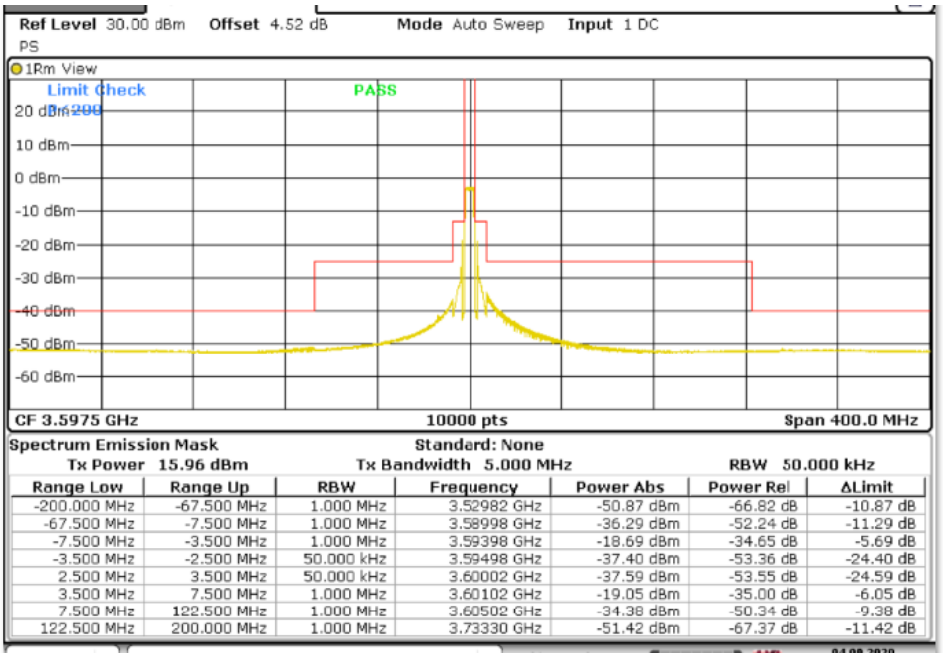
Middle Channel (3575 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-45.000 MHz	1.000 MHz	3.40724 GHz	-52.07 dBm	-67.53 dB	-12.07 dB
-45.000 MHz	-7.500 MHz	1.000 MHz	3.56730 GHz	-42.87 dBm	-58.33 dB	-17.87 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.57130 GHz	-22.70 dBm	-38.16 dB	-9.70 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.57225 GHz	-39.66 dBm	-55.12 dB	-26.66 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.57775 GHz	-40.36 dBm	-55.82 dB	-27.36 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.57870 GHz	-23.17 dBm	-38.62 dB	-10.17 dB
7.500 MHz	145.000 MHz	1.000 MHz	3.58270 GHz	-41.15 dBm	-56.61 dB	-16.15 dB
145.000 MHz	200.000 MHz	1.000 MHz	3.75392 GHz	-52.29 dBm	-67.75 dB	-12.29 dB

TEST RESULTS (Cont.):	

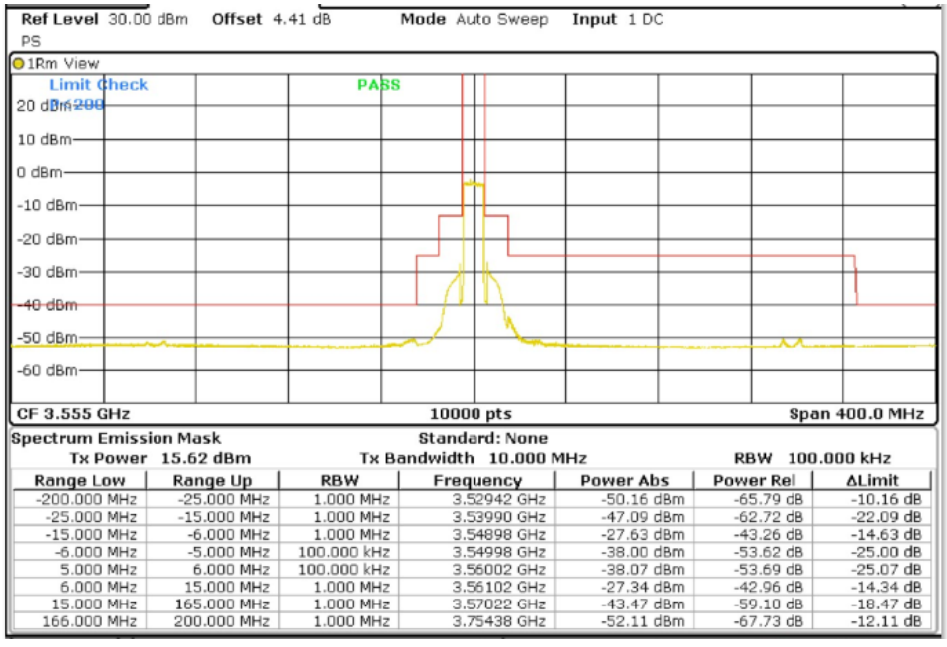
Highest Channel (3597.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-67.500 MHz	1.000 MHz	3.52982 GHz	-50.87 dBm	-66.82 dB	-10.87 dB
-67.500 MHz	-7.500 MHz	1.000 MHz	3.58998 GHz	-36.29 dBm	-52.24 dB	-11.29 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.59398 GHz	-18.69 dBm	-34.65 dB	-5.69 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.59498 GHz	-37.40 dBm	-53.36 dB	-24.40 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.60002 GHz	-37.59 dBm	-53.55 dB	-24.59 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.60102 GHz	-19.05 dBm	-35.00 dB	-6.05 dB
7.500 MHz	122.500 MHz	1.000 MHz	3.60502 GHz	-34.38 dBm	-50.34 dB	-9.38 dB
122.500 MHz	200.000 MHz	1.000 MHz	3.73330 GHz	-51.42 dBm	-67.37 dB	-11.42 dB

<u>10 MHz BW</u>

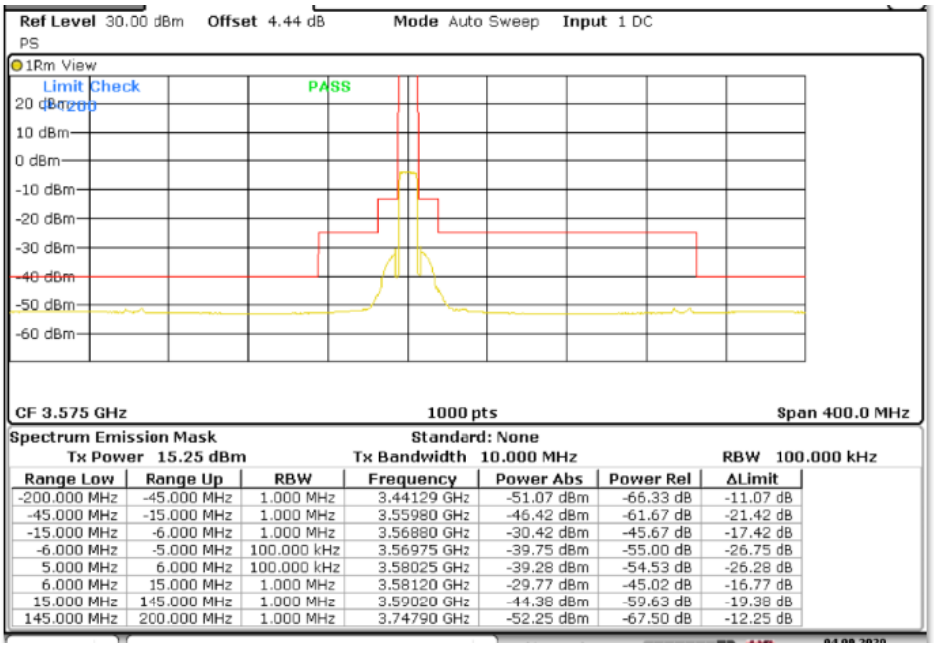
Lowest Channel (3555 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-25.000 MHz	1.000 MHz	3.52942 GHz	-50.16 dBm	-65.79 dB	-10.16 dB
-25.000 MHz	-15.000 MHz	1.000 MHz	3.53990 GHz	-47.09 dBm	-62.72 dB	-22.09 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.54898 GHz	-27.63 dBm	-43.26 dB	-14.63 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.54998 GHz	-38.00 dBm	-53.62 dB	-25.00 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.56002 GHz	-38.07 dBm	-53.69 dB	-25.07 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.56102 GHz	-27.34 dBm	-42.96 dB	-14.34 dB
15.000 MHz	165.000 MHz	1.000 MHz	3.57022 GHz	-43.47 dBm	-59.10 dB	-18.47 dB
165.000 MHz	200.000 MHz	1.000 MHz	3.75438 GHz	-52.11 dBm	-67.73 dB	-12.11 dB

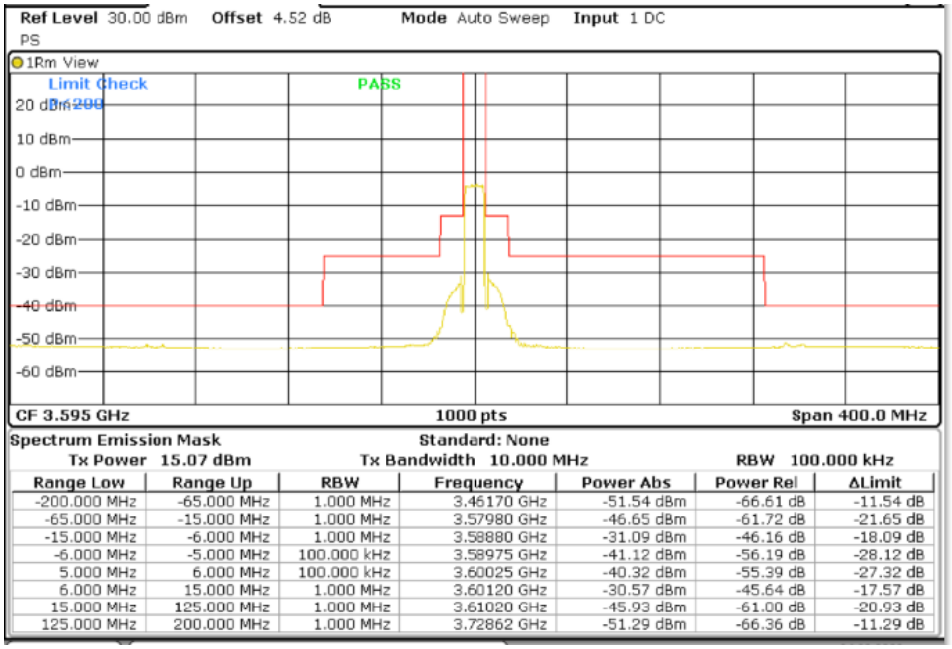
TEST RESULTS (Cont.):	

Middle Channel (3575 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-45.000 MHz	1.000 MHz	3.44129 GHz	-51.07 dBm	-66.33 dB	-11.07 dB
-45.000 MHz	-15.000 MHz	1.000 MHz	3.55980 GHz	-46.42 dBm	-61.67 dB	-21.42 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.56880 GHz	-30.42 dBm	-45.67 dB	-17.42 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.56975 GHz	-39.75 dBm	-55.00 dB	-26.75 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.58025 GHz	-39.28 dBm	-54.53 dB	-26.28 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.58120 GHz	-29.77 dBm	-45.02 dB	-16.77 dB
15.000 MHz	145.000 MHz	1.000 MHz	3.59020 GHz	-44.38 dBm	-59.63 dB	-19.38 dB
145.000 MHz	200.000 MHz	1.000 MHz	3.74790 GHz	-52.25 dBm	-67.50 dB	-12.25 dB

Highest Channel (3595 MHz)

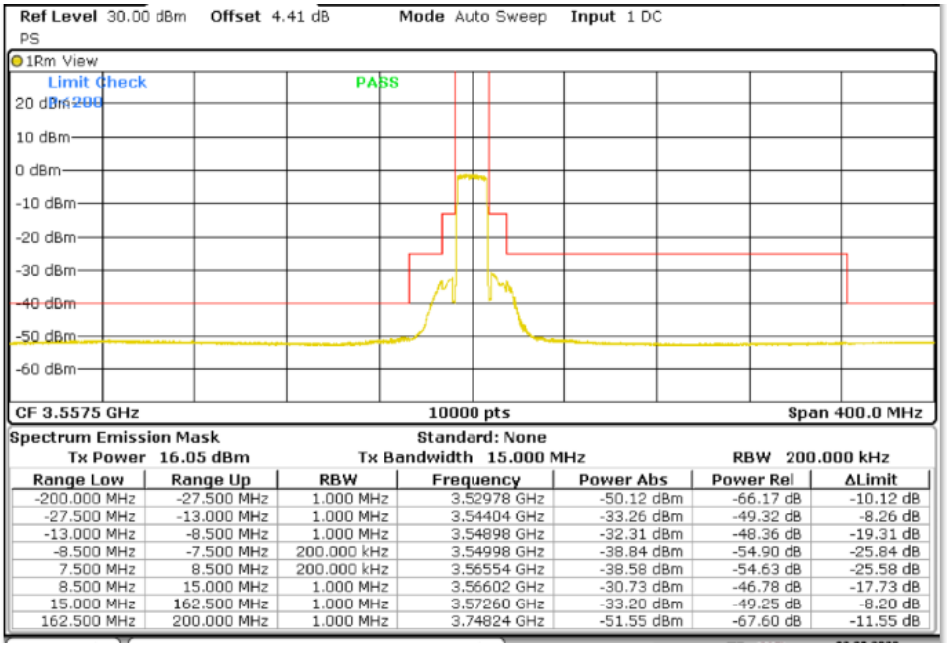


Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-65.000 MHz	1.000 MHz	3.46170 GHz	-51.54 dBm	-66.61 dB	-11.54 dB
-65.000 MHz	-15.000 MHz	1.000 MHz	3.57980 GHz	-46.65 dBm	-61.72 dB	-21.65 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.58880 GHz	-31.09 dBm	-46.16 dB	-18.09 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.58975 GHz	-41.12 dBm	-56.19 dB	-28.12 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.60025 GHz	-40.32 dBm	-55.39 dB	-27.32 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.60120 GHz	-30.57 dBm	-45.64 dB	-17.57 dB
15.000 MHz	125.000 MHz	1.000 MHz	3.61020 GHz	-45.93 dBm	-61.00 dB	-20.93 dB
125.000 MHz	200.000 MHz	1.000 MHz	3.72862 GHz	-51.29 dBm	-66.36 dB	-11.29 dB

TEST RESULTS (Cont.):	

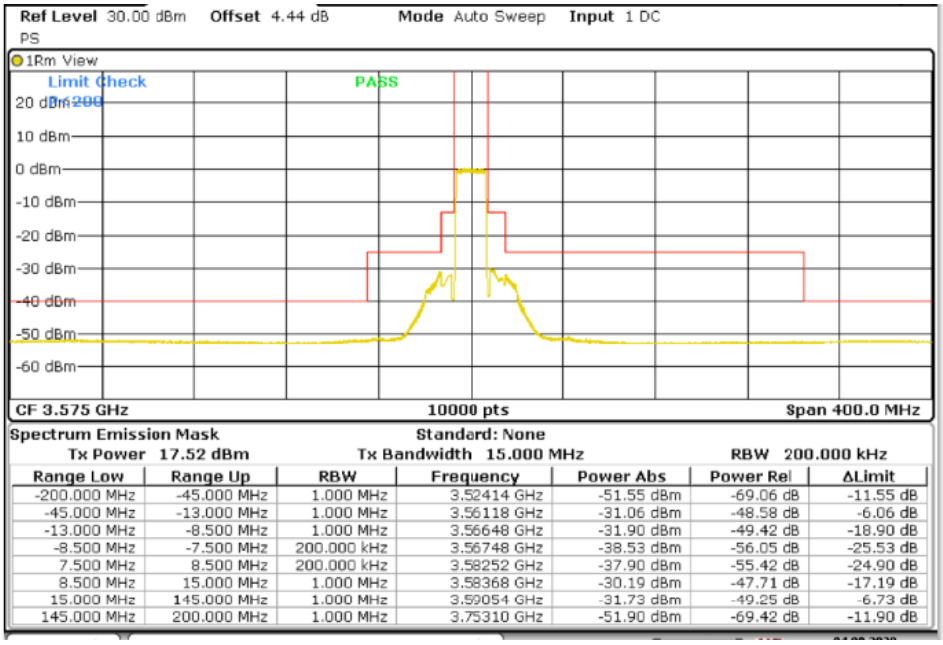
15 MHz BW

Lowest Channel (3557.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-27.500 MHz	1.000 MHz	3.52978 GHz	-50.12 dBm	-66.17 dB	-10.12 dB
-27.500 MHz	-13.000 MHz	1.000 MHz	3.54404 GHz	-33.26 dBm	-49.32 dB	-8.26 dB
-13.000 MHz	-8.500 MHz	1.000 MHz	3.54898 GHz	-32.31 dBm	-48.36 dB	-19.31 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.54998 GHz	-38.84 dBm	-54.90 dB	-25.84 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.56554 GHz	-38.58 dBm	-54.63 dB	-25.58 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.56602 GHz	-30.73 dBm	-46.78 dB	-17.73 dB
15.000 MHz	162.500 MHz	1.000 MHz	3.57260 GHz	-33.20 dBm	-49.25 dB	-8.20 dB
162.500 MHz	200.000 MHz	1.000 MHz	3.74824 GHz	-51.55 dBm	-67.60 dB	-11.55 dB

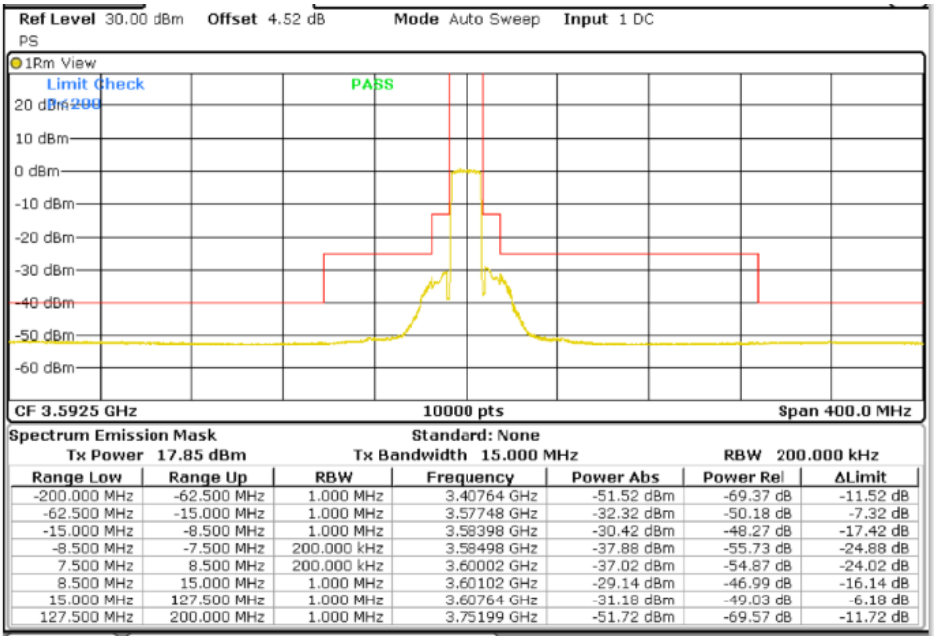
Middle Channel (3575 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-45.000 MHz	1.000 MHz	3.52414 GHz	-51.55 dBm	-69.06 dB	-11.55 dB
-45.000 MHz	-13.000 MHz	1.000 MHz	3.56118 GHz	-31.06 dBm	-48.58 dB	-6.06 dB
-13.000 MHz	-8.500 MHz	1.000 MHz	3.56648 GHz	-31.90 dBm	-49.42 dB	-18.90 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.56748 GHz	-38.53 dBm	-56.05 dB	-25.53 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.58252 GHz	-37.90 dBm	-55.42 dB	-24.90 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.58368 GHz	-30.19 dBm	-47.71 dB	-17.19 dB
15.000 MHz	145.000 MHz	1.000 MHz	3.59054 GHz	-31.73 dBm	-49.25 dB	-6.73 dB
145.000 MHz	200.000 MHz	1.000 MHz	3.75310 GHz	-51.90 dBm	-69.42 dB	-11.90 dB

TEST RESULTS (Cont.):	

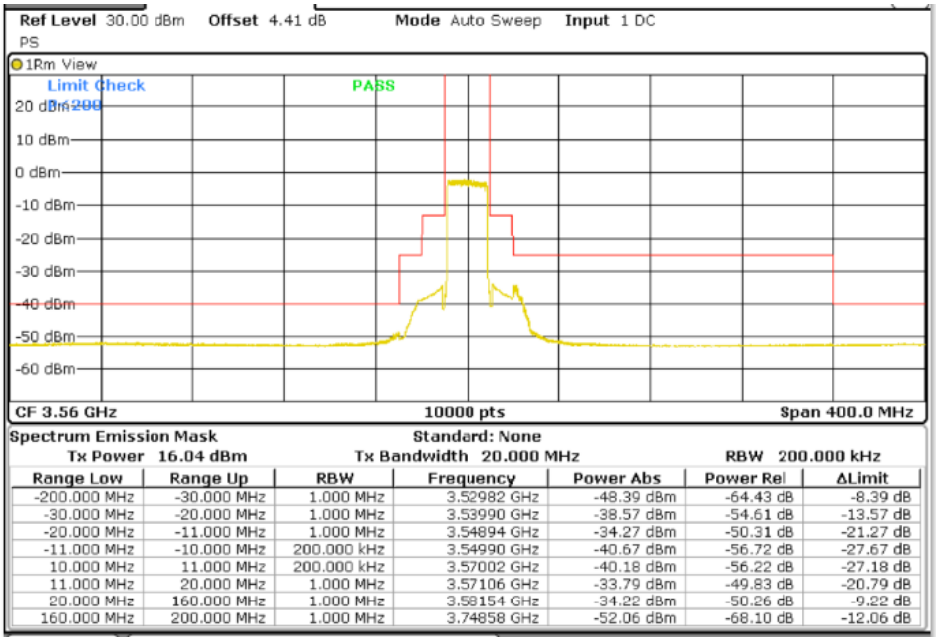
Highest Channel (3592.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-62.500 MHz	1.000 MHz	3.40764 GHz	-51.52 dBm	-69.37 dB	-11.52 dB
-62.500 MHz	-15.000 MHz	1.000 MHz	3.57748 GHz	-32.32 dBm	-50.18 dB	-7.32 dB
-15.000 MHz	-8.500 MHz	1.000 MHz	3.58398 GHz	-30.42 dBm	-48.27 dB	-17.42 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.58498 GHz	-37.88 dBm	-55.73 dB	-24.88 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.60002 GHz	-37.02 dBm	-54.87 dB	-24.02 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.60102 GHz	-29.14 dBm	-46.99 dB	-16.14 dB
15.000 MHz	127.500 MHz	1.000 MHz	3.60764 GHz	-31.18 dBm	-49.03 dB	-6.18 dB
127.500 MHz	200.000 MHz	1.000 MHz	3.75199 GHz	-51.72 dBm	-69.57 dB	-11.72 dB

<u>20 MHz BW</u>

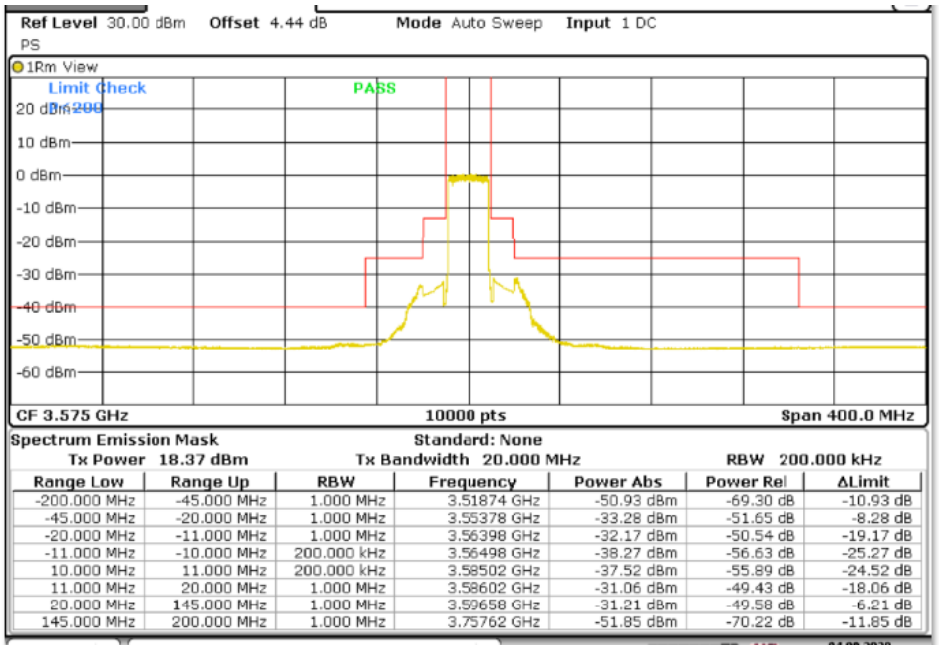
Lowest Channel (3560 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-30.000 MHz	1.000 MHz	3.52982 GHz	-48.39 dBm	-64.43 dB	-8.39 dB
-30.000 MHz	-20.000 MHz	1.000 MHz	3.53990 GHz	-38.57 dBm	-54.61 dB	-13.57 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.54894 GHz	-34.27 dBm	-50.31 dB	-21.27 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.54990 GHz	-40.67 dBm	-56.72 dB	-27.67 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.57002 GHz	-40.18 dBm	-56.22 dB	-27.18 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.57106 GHz	-33.79 dBm	-49.83 dB	-20.79 dB
20.000 MHz	160.000 MHz	1.000 MHz	3.58154 GHz	-34.22 dBm	-50.26 dB	-9.22 dB
160.000 MHz	200.000 MHz	1.000 MHz	3.74858 GHz	-52.06 dBm	-68.10 dB	-12.06 dB

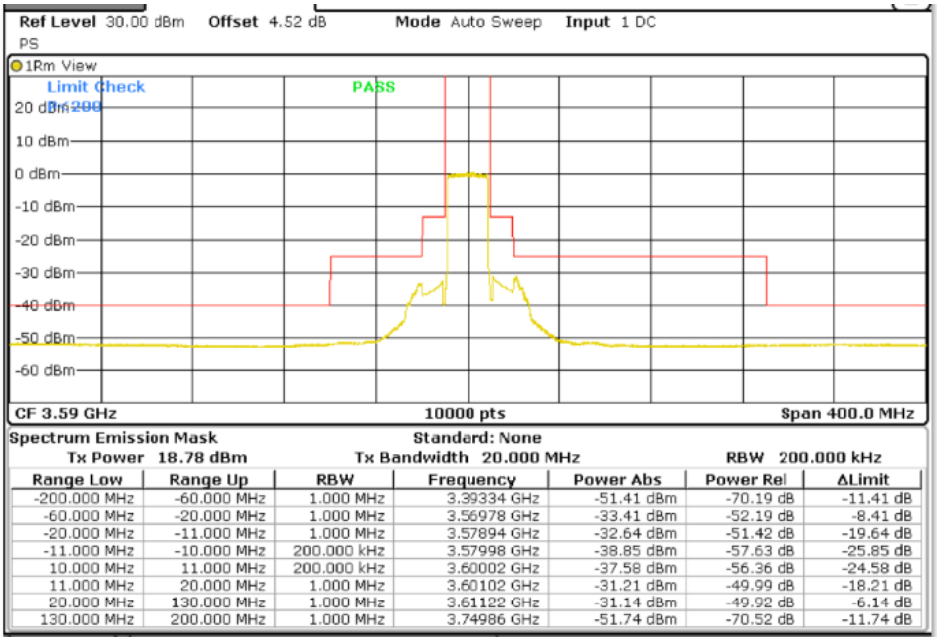
TEST RESULTS (Cont.):	

Middle Channel (3575 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-45.000 MHz	1.000 MHz	3.51874 GHz	-50.93 dBm	-69.30 dB	-10.93 dB
-45.000 MHz	-20.000 MHz	1.000 MHz	3.55378 GHz	-33.28 dBm	-51.65 dB	-8.28 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.56398 GHz	-32.17 dBm	-50.54 dB	-19.17 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.56498 GHz	-38.27 dBm	-56.63 dB	-25.27 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.58502 GHz	-37.52 dBm	-55.89 dB	-24.52 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.58602 GHz	-31.06 dBm	-49.43 dB	-18.06 dB
20.000 MHz	145.000 MHz	1.000 MHz	3.59658 GHz	-31.21 dBm	-49.58 dB	-6.21 dB
145.000 MHz	200.000 MHz	1.000 MHz	3.75762 GHz	-51.85 dBm	-70.22 dB	-11.85 dB

Highest Channel (3590 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-60.000 MHz	1.000 MHz	3.39334 GHz	-51.41 dBm	-70.19 dB	-11.41 dB
-60.000 MHz	-20.000 MHz	1.000 MHz	3.56978 GHz	-33.41 dBm	-52.19 dB	-8.41 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.57894 GHz	-32.64 dBm	-51.42 dB	-19.64 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.57998 GHz	-38.85 dBm	-57.63 dB	-25.85 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.60002 GHz	-37.58 dBm	-56.36 dB	-24.58 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.60102 GHz	-31.21 dBm	-49.99 dB	-18.21 dB
20.000 MHz	130.000 MHz	1.000 MHz	3.61122 GHz	-31.14 dBm	-49.92 dB	-6.14 dB
130.000 MHz	200.000 MHz	1.000 MHz	3.74986 GHz	-51.74 dBm	-70.52 dB	-11.74 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (Band 43)
TEST RESULTS:	PASS

5 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

10 MHz BW

Lowest 3605 MHz		Middle 3650 MHz		Highest 3695 MHz	
Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)
3738.58	-49.50	3783.58	-48.58	3828.70	-49.74
3746.42	-49.47	3791.70	-49.85	3836.26	-50.79
Measurement uncertainty (dB) <± 0.64					

15 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

20 MHz BW

No conducted spurious signal was detected for the lowest, middle and highest operating channels.

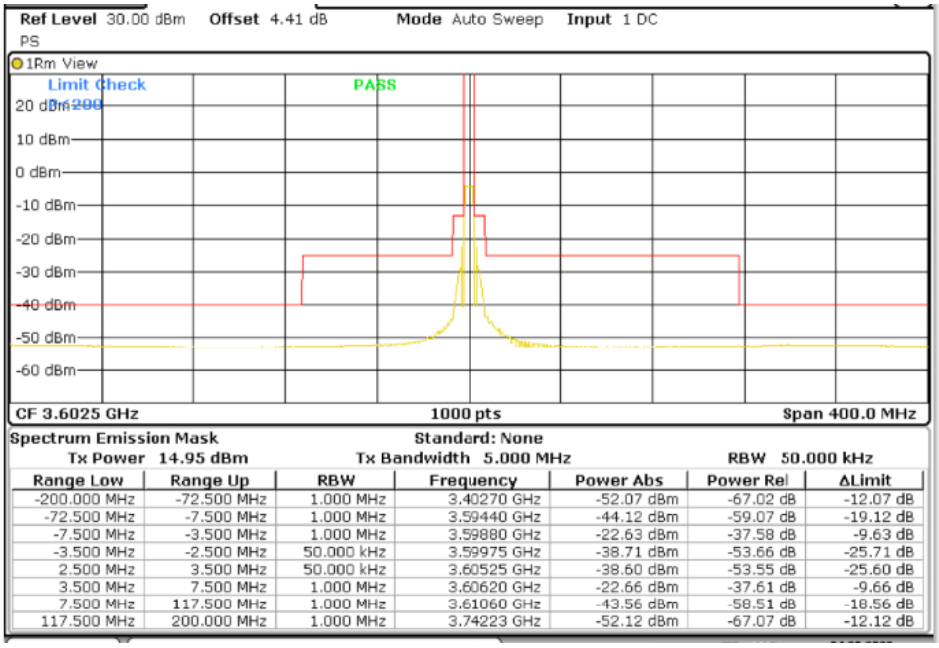
Verdict: PASS

(See next plots)

TEST RESULTS (Cont.):	

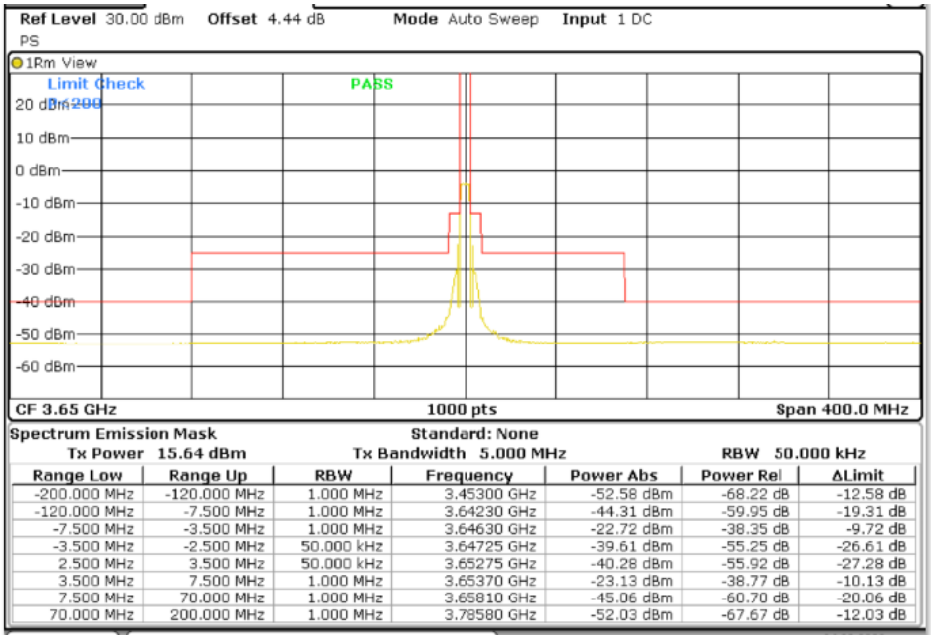
5 MHz BW

Lowest Channel (3602.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-72.500 MHz	1.000 MHz	3.40270 GHz	-52.07 dBm	-67.02 dB	-12.07 dB
-72.500 MHz	-7.500 MHz	1.000 MHz	3.59440 GHz	-44.12 dBm	-59.07 dB	-19.12 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.59880 GHz	-22.63 dBm	-37.58 dB	-9.63 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.59975 GHz	-38.71 dBm	-53.66 dB	-25.71 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.60525 GHz	-38.60 dBm	-53.55 dB	-25.60 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.60620 GHz	-22.66 dBm	-37.61 dB	-9.66 dB
7.500 MHz	117.500 MHz	1.000 MHz	3.61060 GHz	-43.56 dBm	-58.51 dB	-18.56 dB
117.500 MHz	200.000 MHz	1.000 MHz	3.74223 GHz	-52.12 dBm	-67.07 dB	-12.12 dB

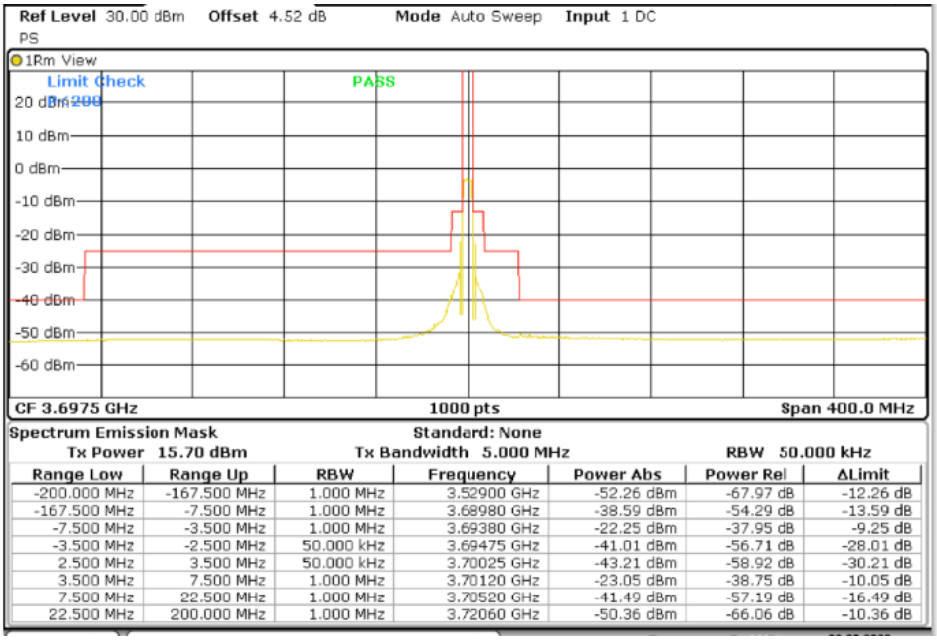
Middle Channel (3650 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-120.000 MHz	1.000 MHz	3.45300 GHz	-52.58 dBm	-68.22 dB	-12.58 dB
-120.000 MHz	-7.500 MHz	1.000 MHz	3.64230 GHz	-44.31 dBm	-59.95 dB	-19.31 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.64630 GHz	-22.72 dBm	-38.35 dB	-9.72 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.64725 GHz	-39.61 dBm	-55.25 dB	-26.61 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.65275 GHz	-40.28 dBm	-55.92 dB	-27.28 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.65370 GHz	-23.13 dBm	-38.77 dB	-10.13 dB
7.500 MHz	70.000 MHz	1.000 MHz	3.65810 GHz	-45.06 dBm	-60.70 dB	-20.06 dB
70.000 MHz	200.000 MHz	1.000 MHz	3.78580 GHz	-52.03 dBm	-67.67 dB	-12.03 dB

TEST RESULTS (Cont.):	

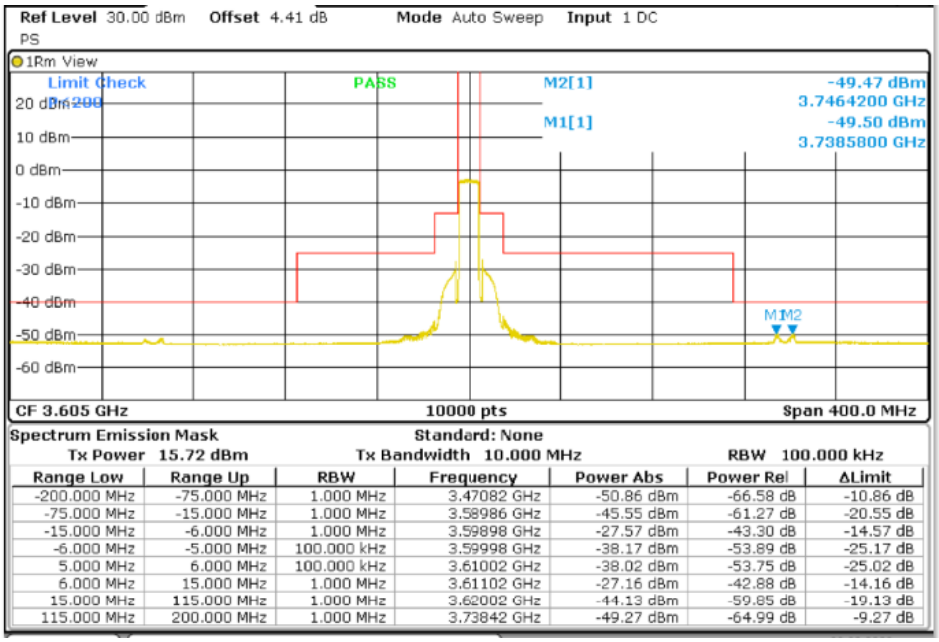
Highest Channel (3697.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-167.500 MHz	1.000 MHz	3.52900 GHz	-52.26 dBm	-67.97 dB	-12.26 dB
-167.500 MHz	-7.500 MHz	1.000 MHz	3.68980 GHz	-38.59 dBm	-54.29 dB	-13.59 dB
-7.500 MHz	-3.500 MHz	1.000 MHz	3.69380 GHz	-22.25 dBm	-37.95 dB	-9.25 dB
-3.500 MHz	-2.500 MHz	50.000 kHz	3.69475 GHz	-41.01 dBm	-56.71 dB	-28.01 dB
2.500 MHz	3.500 MHz	50.000 kHz	3.70025 GHz	-43.21 dBm	-58.92 dB	-30.21 dB
3.500 MHz	7.500 MHz	1.000 MHz	3.70120 GHz	-23.05 dBm	-38.75 dB	-10.05 dB
7.500 MHz	22.500 MHz	1.000 MHz	3.70520 GHz	-41.49 dBm	-57.19 dB	-16.49 dB
22.500 MHz	200.000 MHz	1.000 MHz	3.72060 GHz	-50.36 dBm	-66.06 dB	-10.36 dB

<u>10 MHz BW</u>

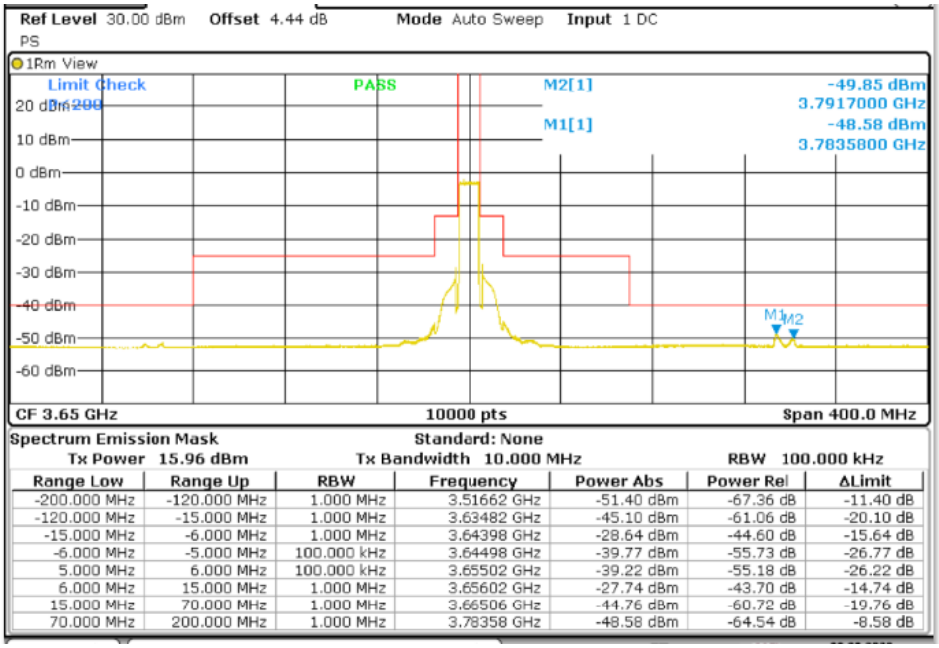
Lowest Channel (3605 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-75.000 MHz	1.000 MHz	3.47082 GHz	-50.86 dBm	-66.58 dB	-10.86 dB
-75.000 MHz	-15.000 MHz	1.000 MHz	3.58986 GHz	-45.55 dBm	-61.27 dB	-20.55 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.59898 GHz	-27.57 dBm	-43.30 dB	-14.57 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.59998 GHz	-38.17 dBm	-53.89 dB	-25.17 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.61002 GHz	-38.02 dBm	-53.75 dB	-25.02 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.61102 GHz	-27.16 dBm	-42.88 dB	-14.16 dB
15.000 MHz	115.000 MHz	1.000 MHz	3.62002 GHz	-44.13 dBm	-59.85 dB	-19.13 dB
115.000 MHz	200.000 MHz	1.000 MHz	3.73842 GHz	-49.27 dBm	-64.99 dB	-9.27 dB

TEST RESULTS (Cont.):	

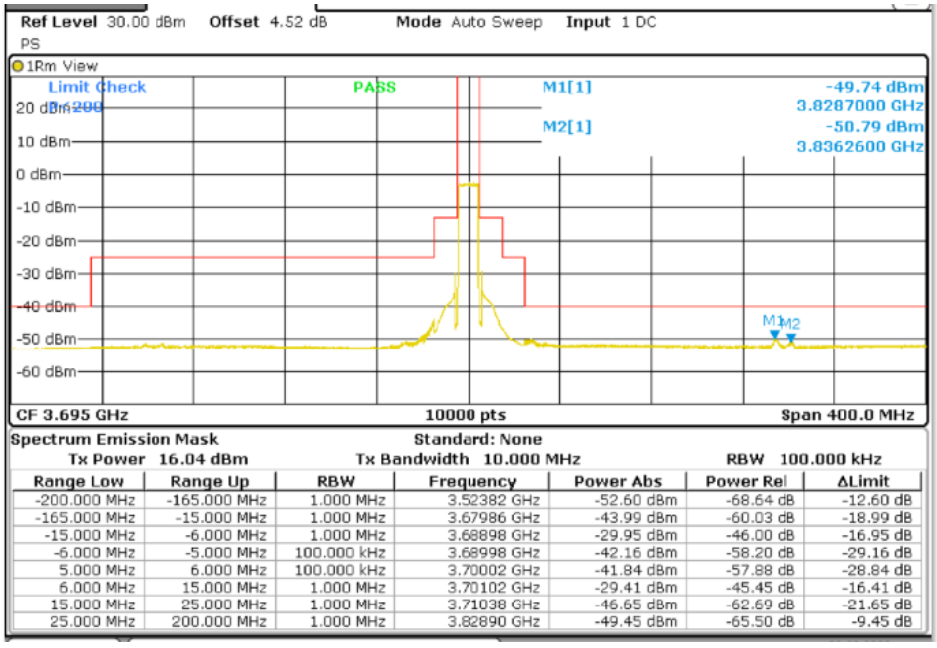
Middle Channel (3650 MHz)



Spectrum Emission Mask — Standard: None
Tx Power 15.96 dBm — Tx Bandwidth 10.000 MHz — RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-120.000 MHz	1.000 MHz	3.51662 GHz	-51.40 dBm	-67.36 dB	-11.40 dB
-120.000 MHz	-15.000 MHz	1.000 MHz	3.63482 GHz	-45.10 dBm	-61.06 dB	-20.10 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.64398 GHz	-28.64 dBm	-44.60 dB	-15.64 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.64498 GHz	-39.77 dBm	-55.73 dB	-26.77 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.65502 GHz	-39.22 dBm	-55.18 dB	-26.22 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.65602 GHz	-27.74 dBm	-43.70 dB	-14.74 dB
15.000 MHz	70.000 MHz	1.000 MHz	3.66506 GHz	-44.76 dBm	-60.72 dB	-19.76 dB
70.000 MHz	200.000 MHz	1.000 MHz	3.78358 GHz	-48.58 dBm	-64.54 dB	-8.58 dB

Highest Channel (3695 MHz)



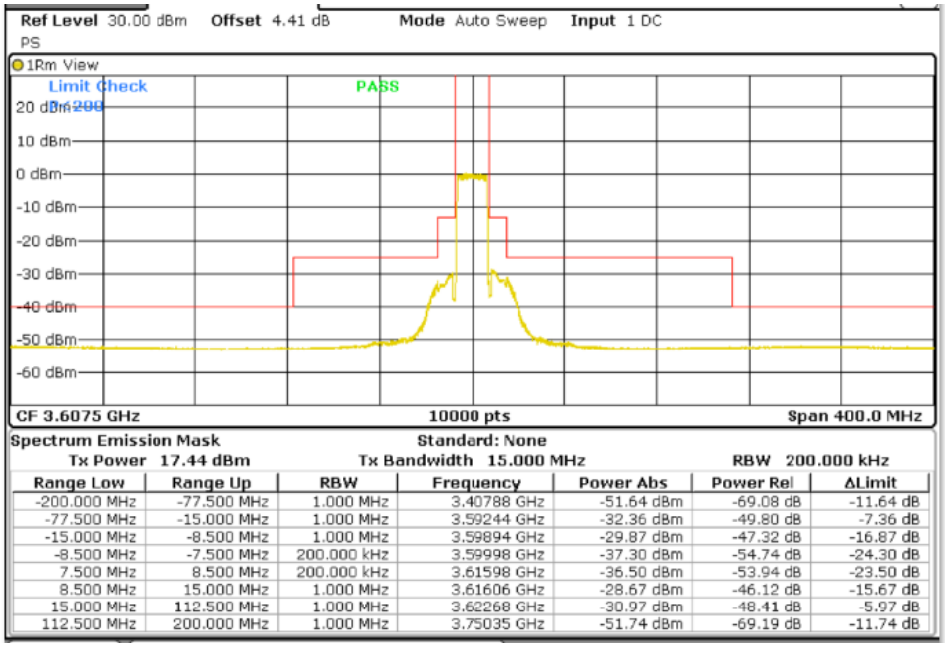
Spectrum Emission Mask — Standard: None
Tx Power 16.04 dBm — Tx Bandwidth 10.000 MHz — RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-165.000 MHz	1.000 MHz	3.52382 GHz	-52.60 dBm	-68.64 dB	-12.60 dB
-165.000 MHz	-15.000 MHz	1.000 MHz	3.67986 GHz	-43.99 dBm	-60.03 dB	-18.99 dB
-15.000 MHz	-6.000 MHz	1.000 MHz	3.68898 GHz	-29.95 dBm	-46.00 dB	-16.95 dB
-6.000 MHz	-5.000 MHz	100.000 kHz	3.68998 GHz	-42.16 dBm	-58.20 dB	-29.16 dB
5.000 MHz	6.000 MHz	100.000 kHz	3.70002 GHz	-41.84 dBm	-57.88 dB	-28.84 dB
6.000 MHz	15.000 MHz	1.000 MHz	3.70102 GHz	-29.41 dBm	-45.45 dB	-16.41 dB
15.000 MHz	25.000 MHz	1.000 MHz	3.71038 GHz	-46.65 dBm	-62.69 dB	-21.65 dB
25.000 MHz	200.000 MHz	1.000 MHz	3.82890 GHz	-49.45 dBm	-65.50 dB	-9.45 dB

TEST RESULTS (Cont.):	

15 MHz BW

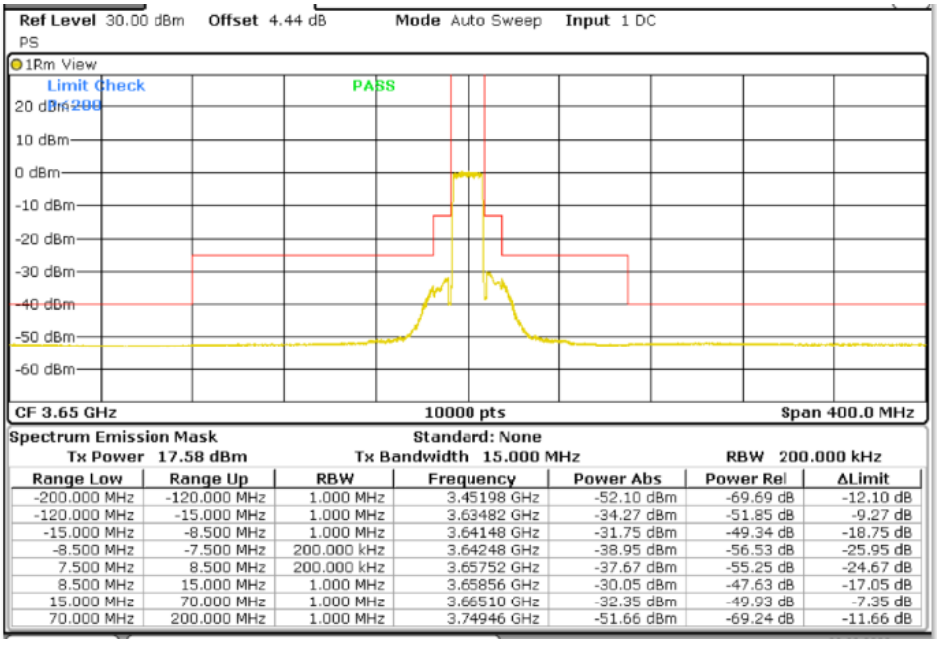
Lowest Channel (3607.5 MHz)



Spectrum Emission Mask — Standard: None
Tx Power 17.44 dBm — Tx Bandwidth 15.000 MHz — RBW 200.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-77.500 MHz	1.000 MHz	3.40788 GHz	-51.64 dBm	-69.08 dB	-11.64 dB
-77.500 MHz	-15.000 MHz	1.000 MHz	3.59244 GHz	-32.36 dBm	-49.80 dB	-7.36 dB
-15.000 MHz	-8.500 MHz	1.000 MHz	3.59894 GHz	-29.87 dBm	-47.32 dB	-16.87 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.59998 GHz	-37.30 dBm	-54.74 dB	-24.30 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.61598 GHz	-36.50 dBm	-53.94 dB	-23.50 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.61606 GHz	-28.67 dBm	-46.12 dB	-15.67 dB
15.000 MHz	112.500 MHz	1.000 MHz	3.62268 GHz	-30.97 dBm	-48.41 dB	-5.97 dB
112.500 MHz	200.000 MHz	1.000 MHz	3.75035 GHz	-51.74 dBm	-69.19 dB	-11.74 dB

Middle Channel (3650 MHz)

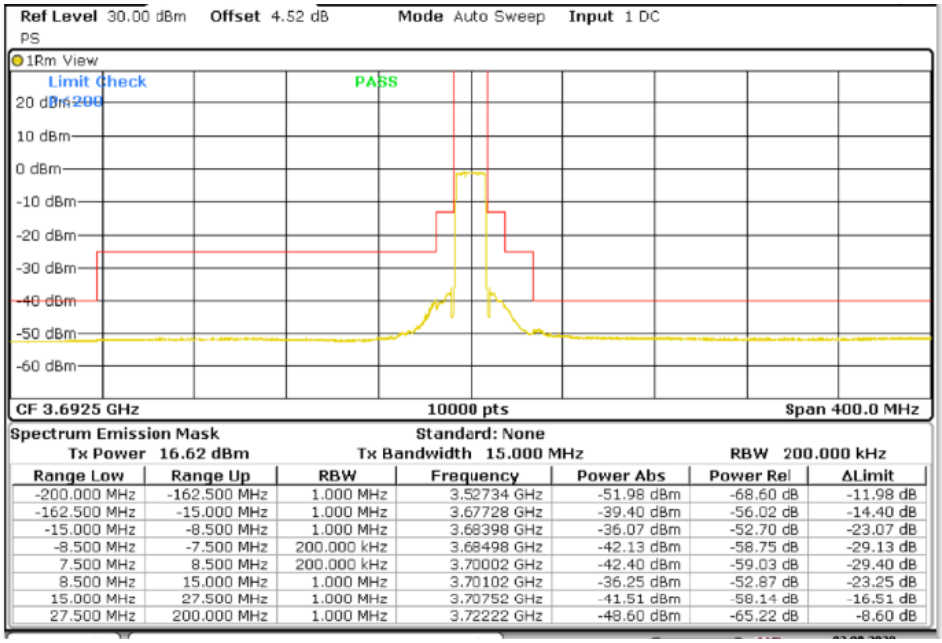


Spectrum Emission Mask — Standard: None
Tx Power 17.58 dBm — Tx Bandwidth 15.000 MHz — RBW 200.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-120.000 MHz	1.000 MHz	3.45198 GHz	-52.10 dBm	-69.69 dB	-12.10 dB
-120.000 MHz	-15.000 MHz	1.000 MHz	3.63482 GHz	-34.27 dBm	-51.85 dB	-9.27 dB
-15.000 MHz	-8.500 MHz	1.000 MHz	3.64148 GHz	-31.75 dBm	-49.34 dB	-18.75 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.64248 GHz	-38.95 dBm	-56.53 dB	-25.95 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.65752 GHz	-37.67 dBm	-55.25 dB	-24.67 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.65856 GHz	-30.05 dBm	-47.63 dB	-17.05 dB
15.000 MHz	70.000 MHz	1.000 MHz	3.66510 GHz	-32.35 dBm	-49.93 dB	-7.35 dB
70.000 MHz	200.000 MHz	1.000 MHz	3.74946 GHz	-51.66 dBm	-69.24 dB	-11.66 dB

TEST RESULTS (Cont.):	

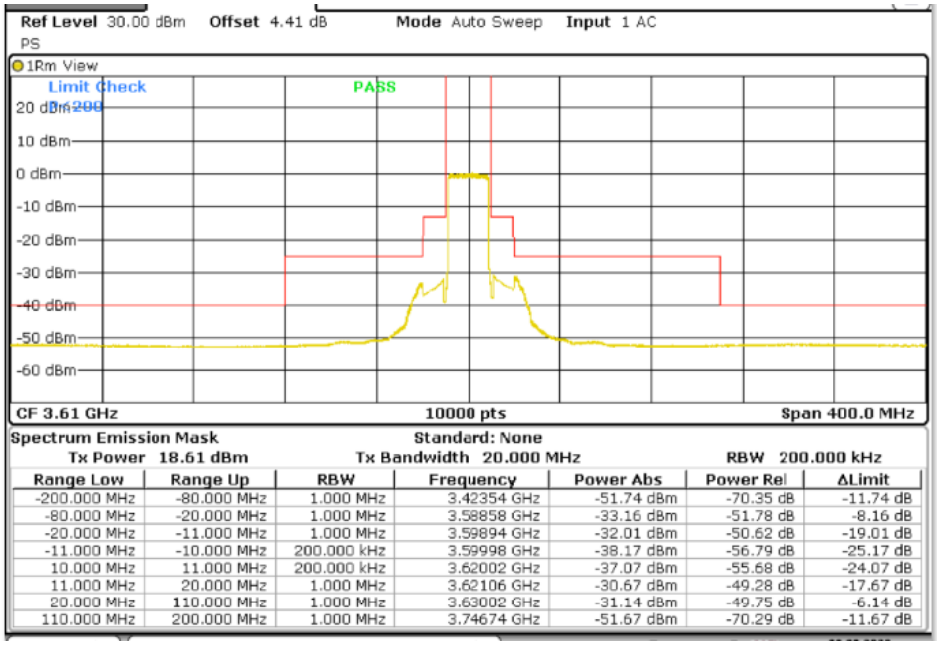
Highest Channel (3692.5 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-162.500 MHz	1.000 MHz	3.52734 GHz	-51.98 dBm	-68.60 dB	-11.98 dB
-162.500 MHz	-15.000 MHz	1.000 MHz	3.67728 GHz	-39.40 dBm	-56.02 dB	-14.40 dB
-15.000 MHz	-8.500 MHz	1.000 MHz	3.68398 GHz	-36.07 dBm	-52.70 dB	-23.07 dB
-8.500 MHz	-7.500 MHz	200.000 kHz	3.68498 GHz	-42.13 dBm	-58.75 dB	-29.13 dB
7.500 MHz	8.500 MHz	200.000 kHz	3.70002 GHz	-42.40 dBm	-59.03 dB	-29.40 dB
8.500 MHz	15.000 MHz	1.000 MHz	3.70102 GHz	-36.25 dBm	-52.87 dB	-23.25 dB
15.000 MHz	27.500 MHz	1.000 MHz	3.70752 GHz	-41.51 dBm	-58.14 dB	-16.51 dB
27.500 MHz	200.000 MHz	1.000 MHz	3.72222 GHz	-48.60 dBm	-65.22 dB	-8.60 dB

20 MHz BW

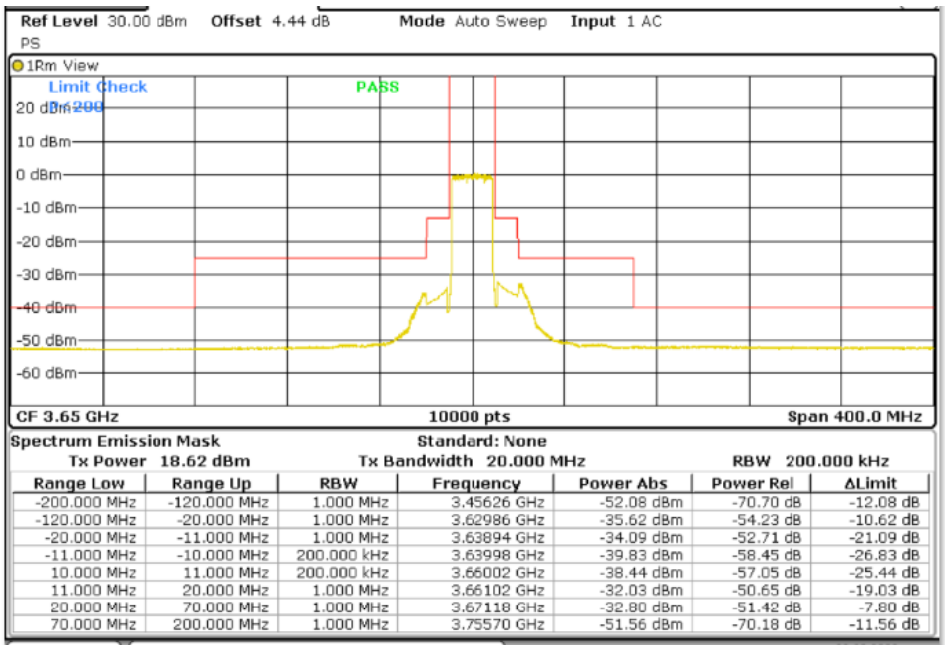
Lowest Channel (3610 MHz)



Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-80.000 MHz	1.000 MHz	3.42354 GHz	-51.74 dBm	-70.35 dB	-11.74 dB
-80.000 MHz	-20.000 MHz	1.000 MHz	3.58858 GHz	-33.16 dBm	-51.78 dB	-8.16 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.59894 GHz	-32.01 dBm	-50.62 dB	-19.01 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.59998 GHz	-38.17 dBm	-56.79 dB	-25.17 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.62002 GHz	-37.07 dBm	-55.68 dB	-24.07 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.62106 GHz	-30.67 dBm	-49.28 dB	-17.67 dB
20.000 MHz	110.000 MHz	1.000 MHz	3.63002 GHz	-31.14 dBm	-49.75 dB	-6.14 dB
110.000 MHz	200.000 MHz	1.000 MHz	3.74674 GHz	-51.67 dBm	-70.29 dB	-11.67 dB

TEST RESULTS (Cont.):	

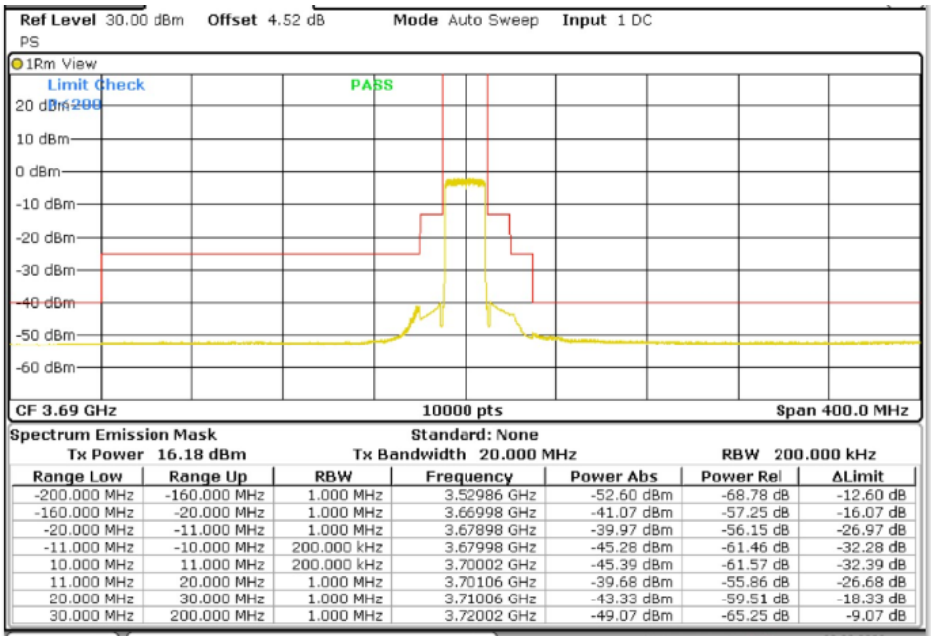
Middle Channel (3650 MHz)



Spectrum Emission Mask — Standard: None
Tx Power 18.62 dBm — Tx Bandwidth 20.000 MHz — RBW 200.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-120.000 MHz	1.000 MHz	3.45626 GHz	-52.08 dBm	-70.70 dB	-12.08 dB
-120.000 MHz	-20.000 MHz	1.000 MHz	3.62986 GHz	-35.62 dBm	-54.23 dB	-10.62 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.63894 GHz	-34.09 dBm	-52.71 dB	-21.09 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.63998 GHz	-39.83 dBm	-58.45 dB	-26.83 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.66002 GHz	-38.44 dBm	-57.05 dB	-25.44 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.66102 GHz	-32.03 dBm	-50.65 dB	-19.03 dB
20.000 MHz	70.000 MHz	1.000 MHz	3.67118 GHz	-32.80 dBm	-51.42 dB	-7.80 dB
70.000 MHz	200.000 MHz	1.000 MHz	3.75570 GHz	-51.56 dBm	-70.18 dB	-11.56 dB

Highest Channel (3690 MHz)



Spectrum Emission Mask — Standard: None
Tx Power 16.18 dBm — Tx Bandwidth 20.000 MHz — RBW 200.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-200.000 MHz	-160.000 MHz	1.000 MHz	3.52986 GHz	-52.60 dBm	-68.78 dB	-12.60 dB
-160.000 MHz	-20.000 MHz	1.000 MHz	3.66998 GHz	-41.07 dBm	-57.25 dB	-16.07 dB
-20.000 MHz	-11.000 MHz	1.000 MHz	3.67898 GHz	-39.97 dBm	-56.15 dB	-26.97 dB
-11.000 MHz	-10.000 MHz	200.000 kHz	3.67998 GHz	-45.28 dBm	-61.46 dB	-32.28 dB
10.000 MHz	11.000 MHz	200.000 kHz	3.70002 GHz	-45.39 dBm	-61.57 dB	-32.39 dB
11.000 MHz	20.000 MHz	1.000 MHz	3.70106 GHz	-39.68 dBm	-55.86 dB	-26.68 dB
20.000 MHz	30.000 MHz	1.000 MHz	3.71006 GHz	-43.33 dBm	-59.51 dB	-18.33 dB
30.000 MHz	200.000 MHz	1.000 MHz	3.72002 GHz	-49.07 dBm	-65.25 dB	-9.07 dB

TEST A.6: CONDUCTED SPURIOUS EMISSIONS AT ANTENNA TERMINALS

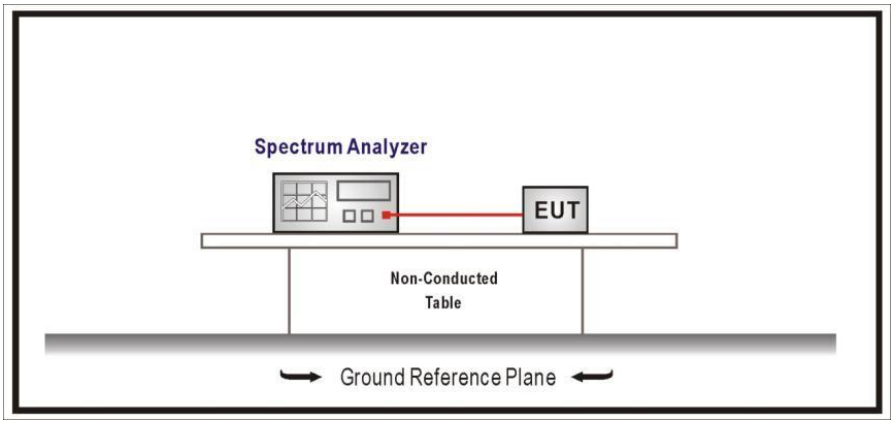
LIMITS:	Product standard:	Part 2.1051 and 96.41 Subclause (e)
	Test standard:	ANSI C63.26-2015

LIMITS

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in § 2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

The limits for emission outside the fundamental for any emission below 3530 MHz and above 3720 MHz are -40 dBm/MHz.

TEST SETUP



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (Band 48)
TEST RESULTS:	PASS

5 MHz BW

Lowest 3552.5 MHz		Middle 3625 MHz		Highest 3697.5 MHz	
Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)
No spurious		7250.18	-55.07	No spurious	

10 MHz BW

Lowest 3555 MHz		Middle 3625 MHz		Highest 3695 MHz	
Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)
No spurious		7250.18	-54.95	No spurious	

15 MHz BW

Lowest 3557.5 MHz		Middle 3625 MHz		Highest 3692.5 MHz	
Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)
No spurious		10875.50	-55.11	7385.68	-53.20
				11078.06	-53.05

20 MHz BW

Lowest 3560 MHz		Middle 3625 MHz		Highest 3690 MHz	
Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)	Spurious Frequency (MHz)	Emission Level (dBm/MHz)
No spurious		7250.18	-54.93	7380.18	-52.34
		10875.07	-54.81	11070.56	-53.04

Verdict: PASS

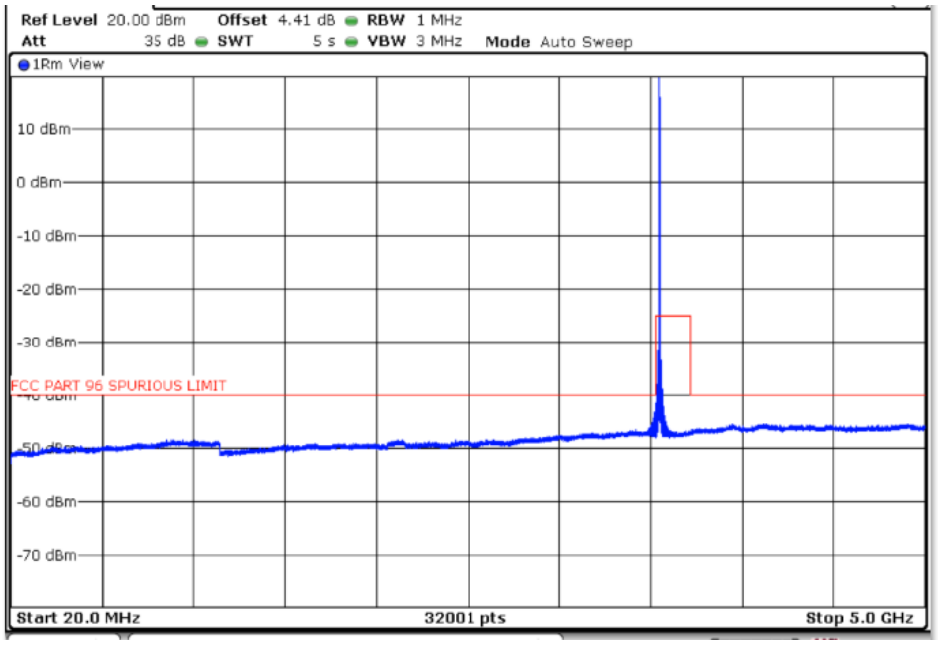
(See next plots)

TEST RESULTS (Cont.):	

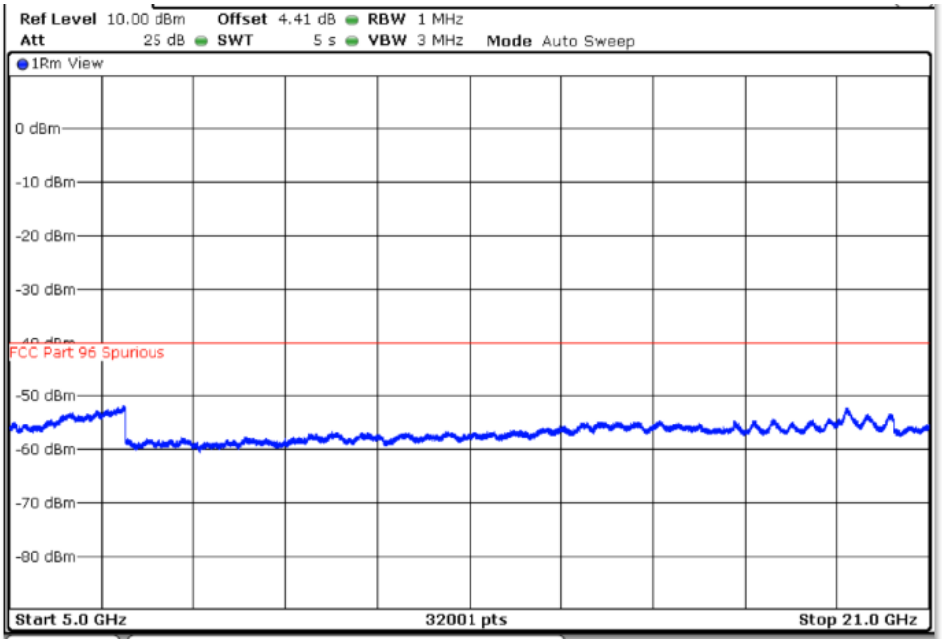
5 MHz BW

Lowest Channel (3552.5 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

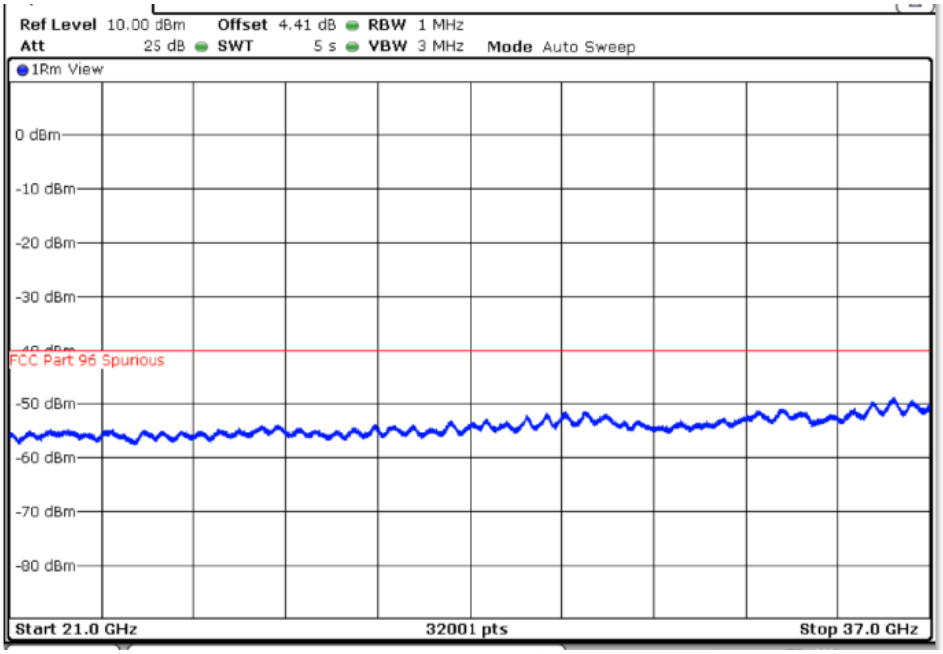


FREQUENCY RANGE 5-21 GHz



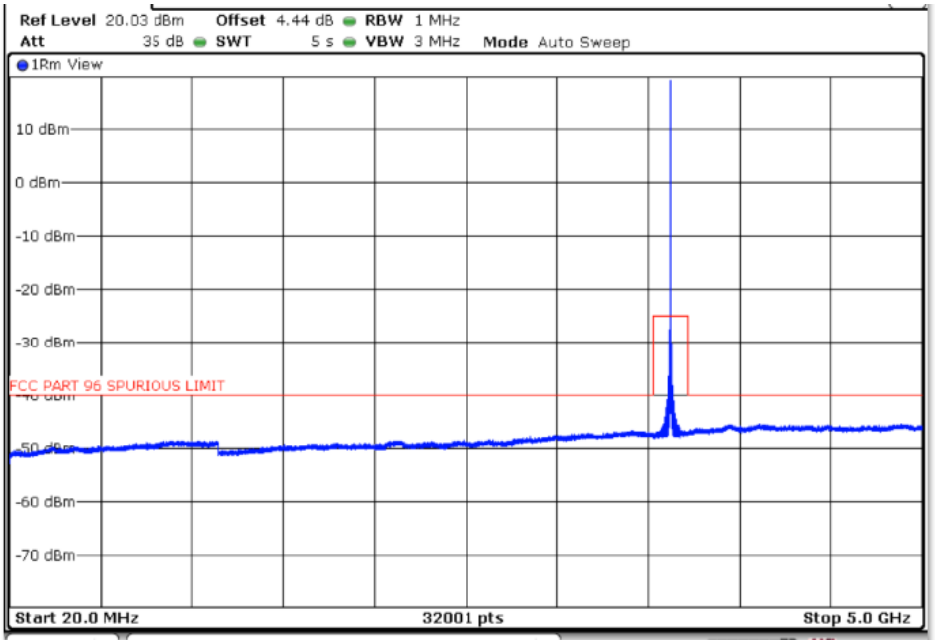
TEST RESULTS (Cont.):	

FREQUENCY RANGE 21-37 GHz



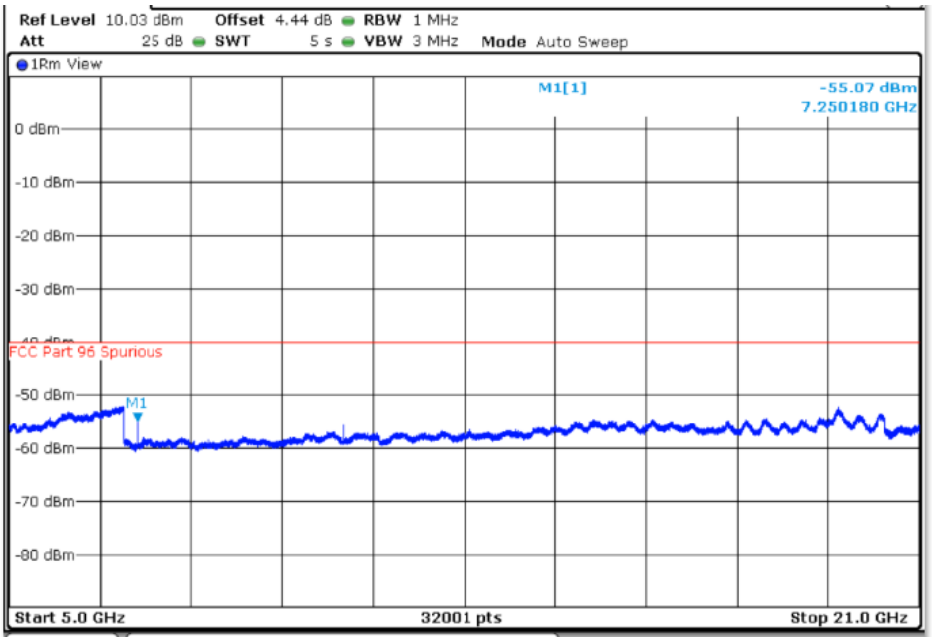
Middle Channel (3625 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

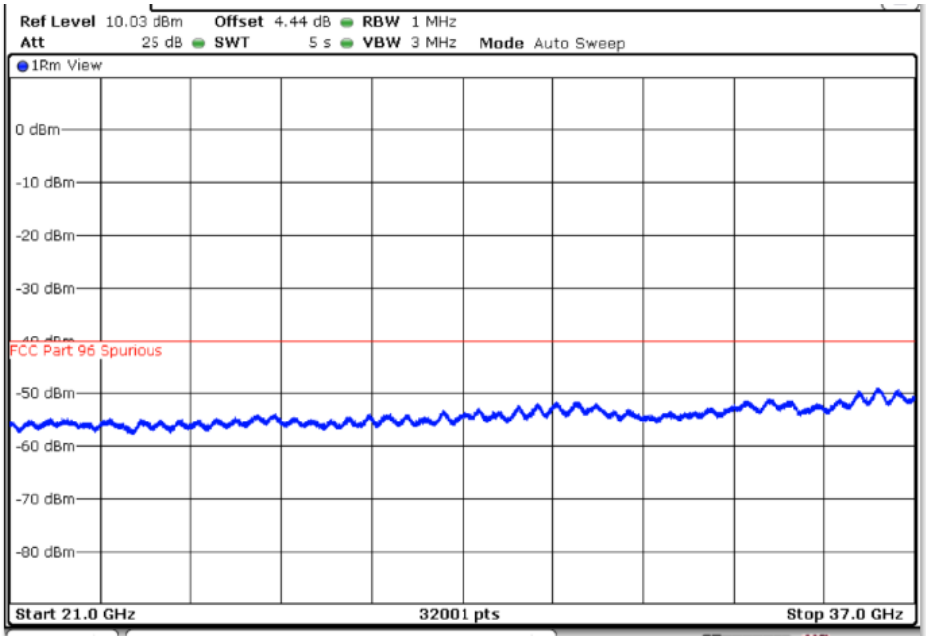


TEST RESULTS (Cont.):	

FRQUENCY RANGE 5-21 GHz



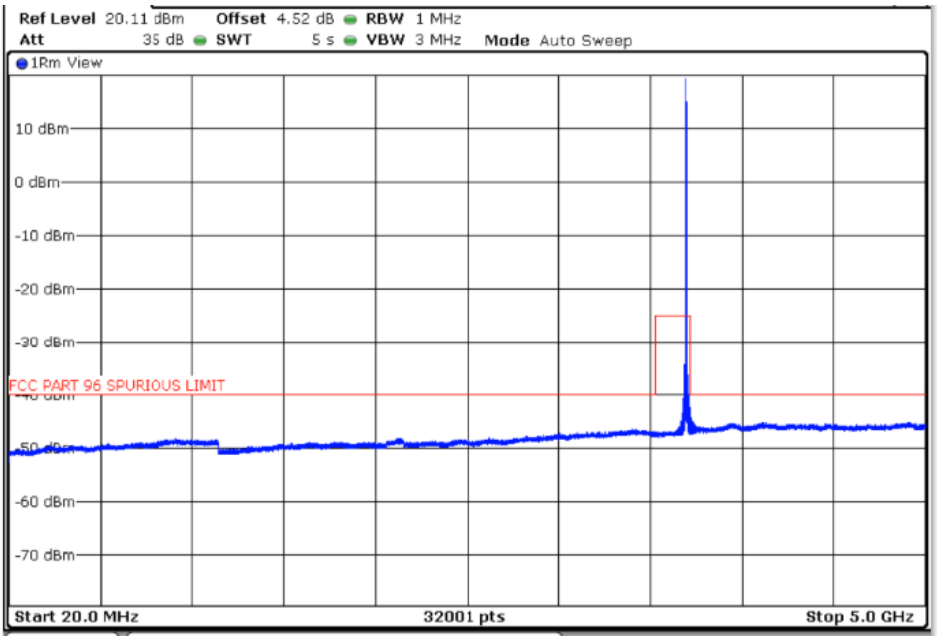
FREQUENCY RANGE 21-37 GHz



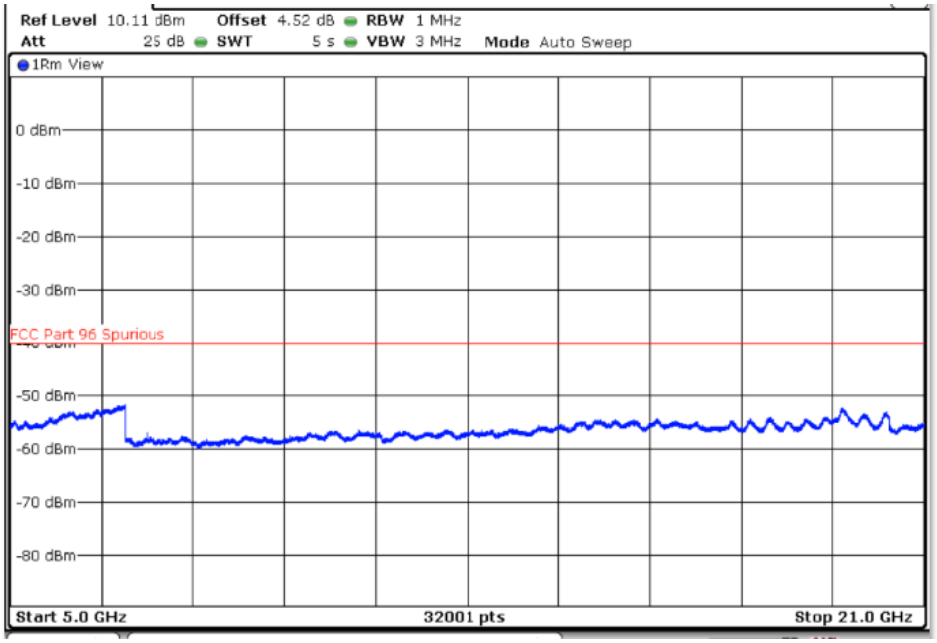
TEST RESULTS (Cont.):	

Highest Channel (3697.5 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

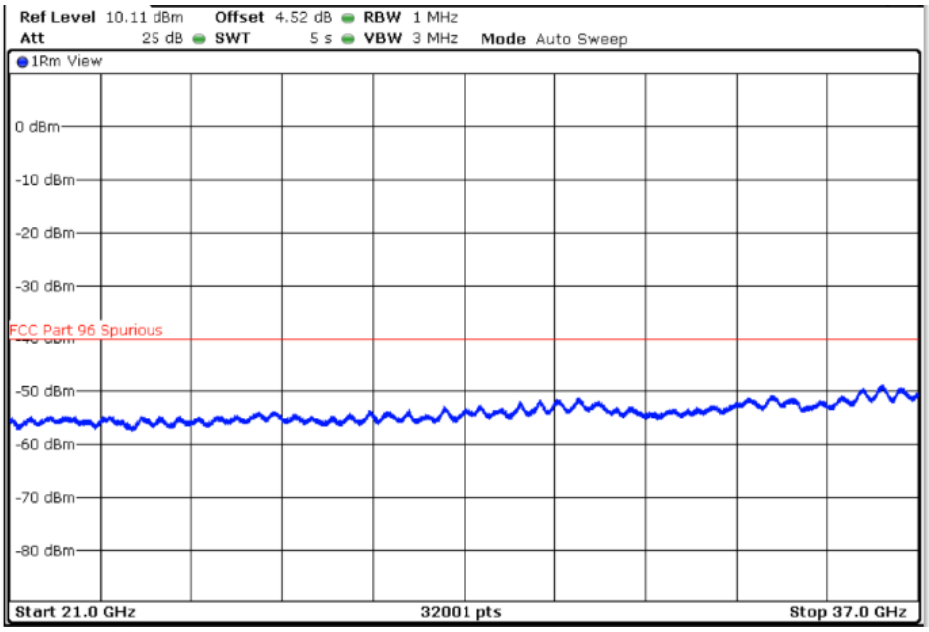


FREQUENCY RANGE 5-21 GHz



TEST RESULTS (Cont.):	

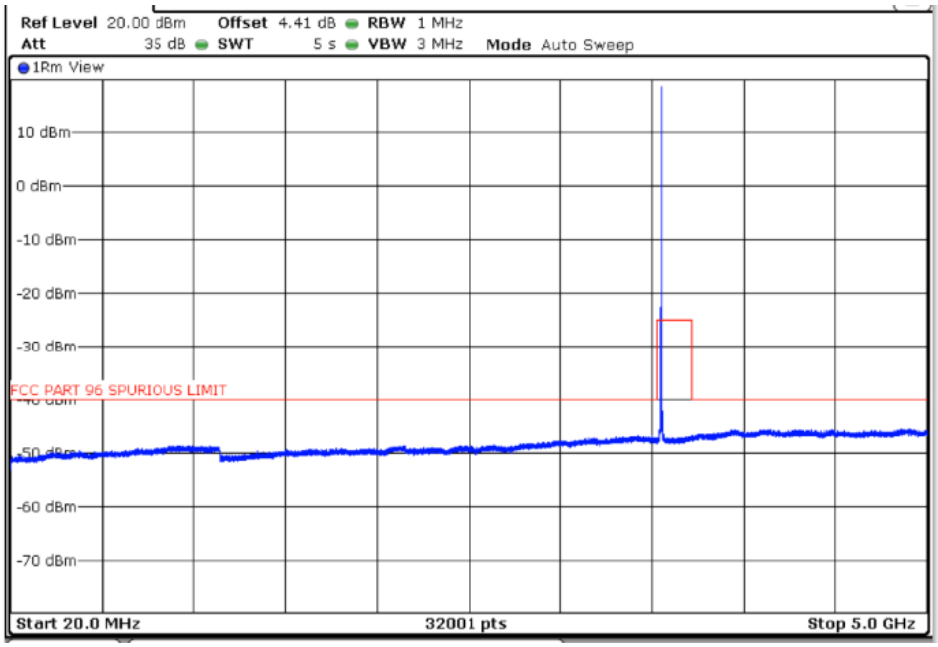
FREQUENCY RANGE 21-37 GHz



10 MHz BW

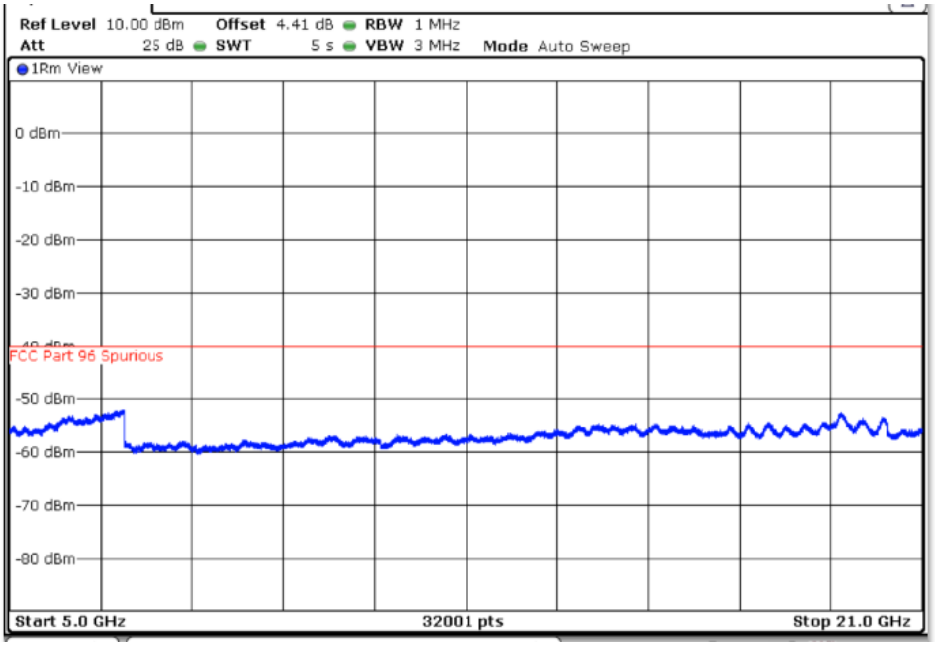
Lowest Channel (3555 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

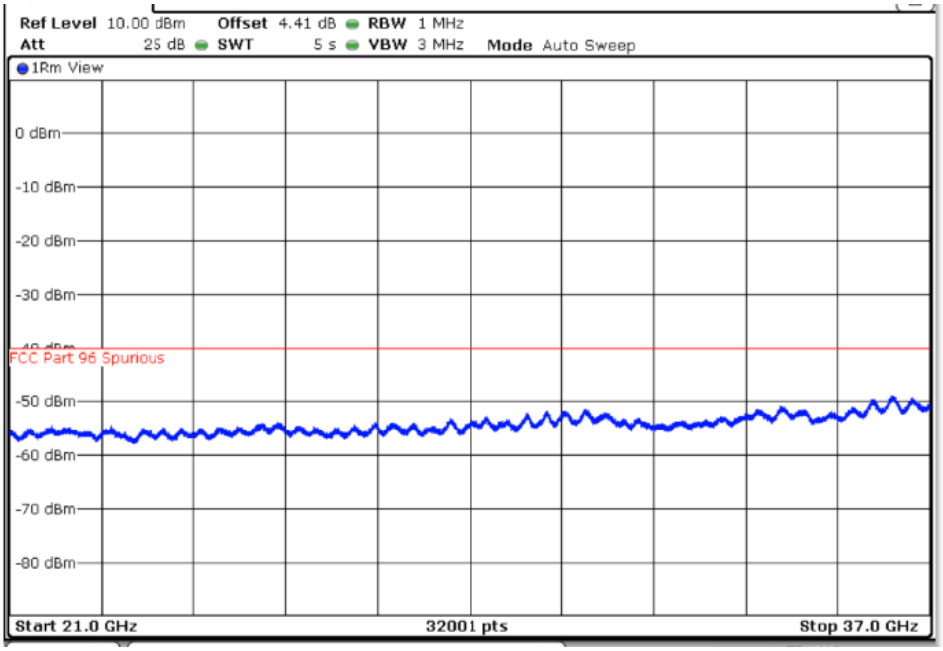


TEST RESULTS (Cont.):	

FREQUENCY RANGE 5-21 GHz



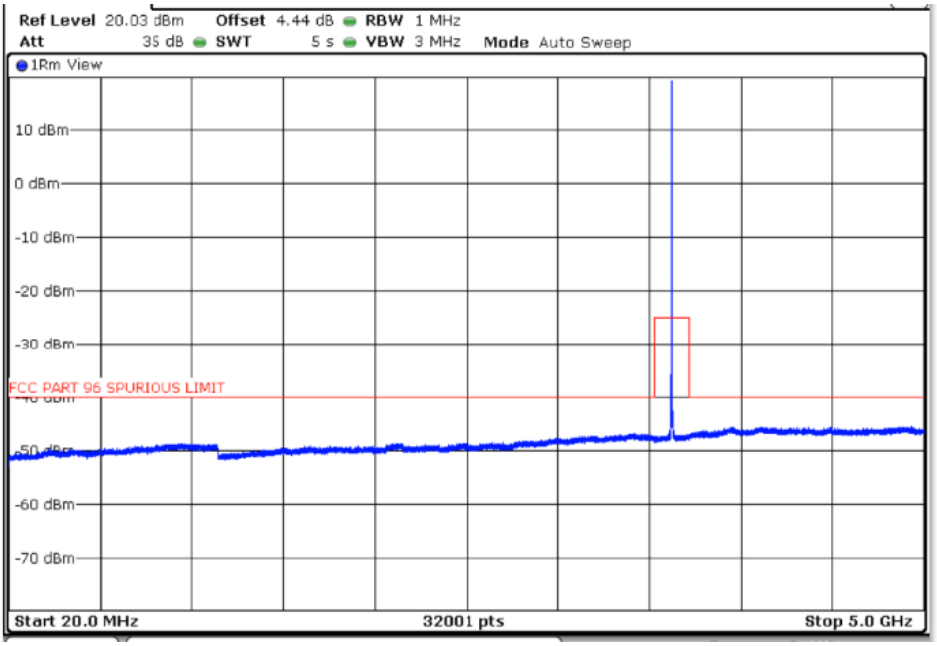
FREQUENCY RANGE 21-37 GHz



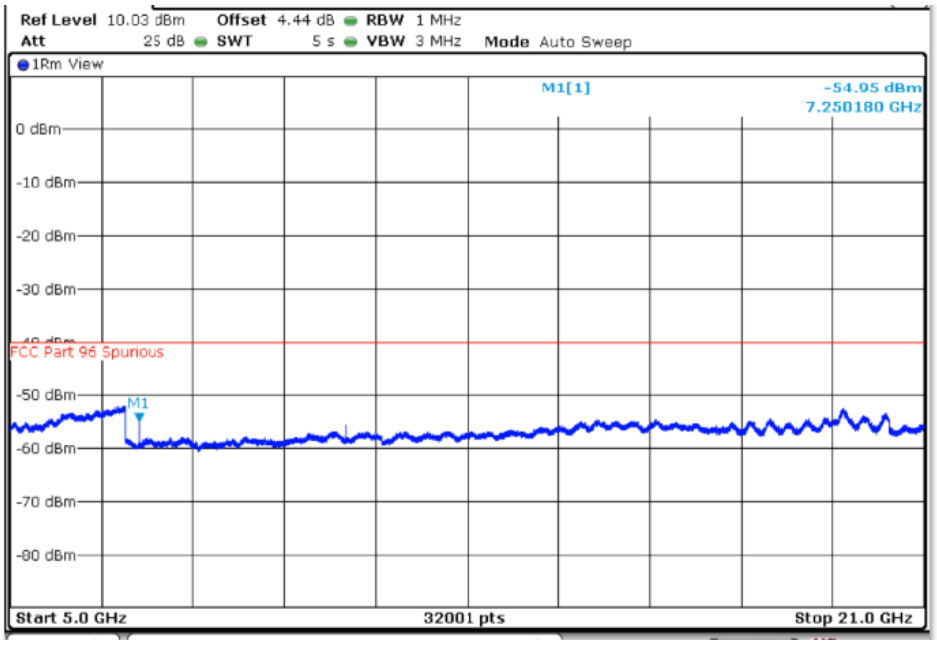
TEST RESULTS (Cont.):	

Middle Channel (3625 MHz)

FREQUENCY RANGE 20 MHz-5 GHz

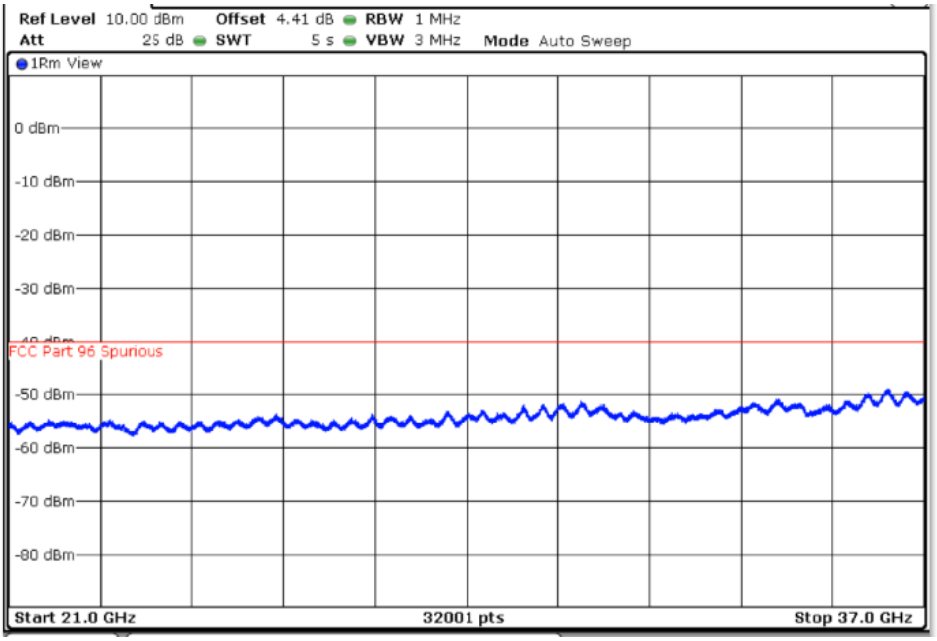


FREQUENCY RANGE 5-21 GHz



TEST RESULTS (Cont.):	

FREQUENCY RANGE 21-37 GHz



Highest Channel (3695 MHz)

FREQUENCY RANGE 20 MHz-5 GHz