

FCC Test Report

ANNEX 2 5G+5.8 WIFI

FCC ID: 2ADGH-6310

Applicant:	Ralinwi Nanjing Electronic Technology Co., Ltd.
Address:	3rd Floor,Building B,R&D Block 3, Xuzhuang Software Park, Nanjing City, China.
Manufacturer:	Ralinwi Nanjing Electronic Technology Co., Ltd.
Address:	3rd Floor,Building B,R&D Block 3, Xuzhuang Software Park, Nanjing City, China.
EUT:	M.2 WIFI Network Card
Trade Mark:	N/A
Model Number:	Hicon6310, Nic3552e, Nic3562e
Date of Receipt:	May. 05, 2022
Test Date:	May. 05, 2022 – May. 29, 2022
Date of Report:	May. 29, 2022
Prepared By:	Shenzhen DL Testing Technology Co., Ltd.
Address:	101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China
Applicable Standards:	FCC PART 15 C 15.247 ANSI C63.10:2013
Test Result:	Pass

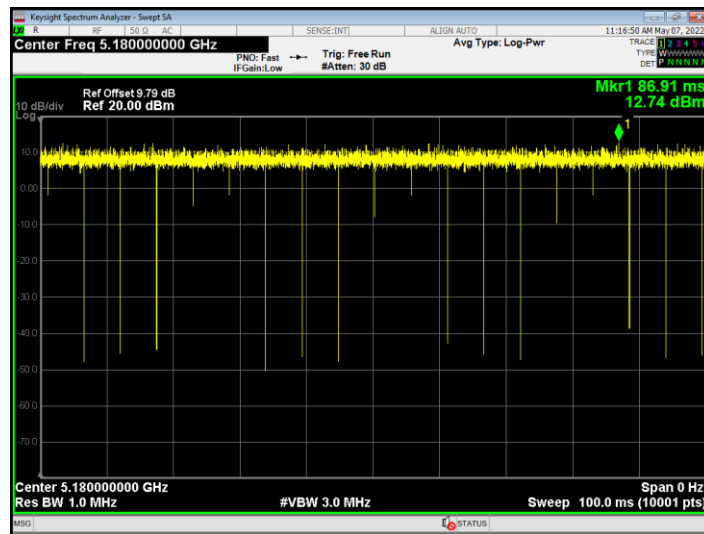
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	99.89	0
NVNT	a	5220	Ant1	99.94	0
NVNT	a	5240	Ant1	99.89	0
NVNT	a	5745	Ant1	99.89	0
NVNT	a	5785	Ant1	99.9	0
NVNT	a	5825	Ant1	99.92	0
NVNT	ac20	5180	Ant1	99.91	0
NVNT	ac20	5220	Ant1	99.91	0
NVNT	ac20	5240	Ant1	99.9	0
NVNT	ac20	5745	Ant1	99.91	0
NVNT	ac20	5785	Ant1	99.89	0
NVNT	ac20	5825	Ant1	99.91	0
NVNT	ac40	5190	Ant1	99.92	0
NVNT	ac40	5230	Ant1	99.9	0
NVNT	ac40	5755	Ant1	99.91	0
NVNT	ac40	5795	Ant1	99.9	0
NVNT	ac80	5210	Ant1	99.91	0
NVNT	ac80	5775	Ant1	99.9	0
NVNT	ax20	5180	Ant1	96.9	0.14
NVNT	ax20	5220	Ant1	96.92	0.14
NVNT	ax20	5240	Ant1	96.89	0.14
NVNT	ax20	5745	Ant1	96.92	0.14
NVNT	ax20	5785	Ant1	96.88	0.14
NVNT	ax20	5825	Ant1	96.93	0.14
NVNT	ax40	5190	Ant1	94.08	0.26
NVNT	ax40	5230	Ant1	94.04	0.27
NVNT	ax40	5755	Ant1	94.08	0.26
NVNT	ax40	5795	Ant1	94.02	0.27
NVNT	ax80	5210	Ant1	88.81	0.52
NVNT	ax80	5775	Ant1	88.96	0.51
NVNT	n20	5180	Ant1	99.91	0
NVNT	n20	5220	Ant1	99.92	0
NVNT	n20	5240	Ant1	99.92	0
NVNT	n20	5745	Ant1	99.93	0
NVNT	n20	5785	Ant1	99.88	0.01
NVNT	n20	5825	Ant1	99.93	0
NVNT	n40	5190	Ant1	99.92	0
NVNT	n40	5230	Ant1	99.89	0
NVNT	n40	5755	Ant1	99.91	0
NVNT	n40	5795	Ant1	99.91	0

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVHT	a	5180	Ant2	99.91	0
NVHT	a	5220	Ant2	99.91	0
NVHT	a	5240	Ant2	99.92	0
NVHT	a	5745	Ant2	99.9	0
NVHT	a	5785	Ant2	99.91	0
NVHT	a	5825	Ant2	99.9	0
NVHT	ac20	5180	Ant2	99.91	0
NVHT	ac20	5220	Ant2	99.91	0
NVHT	ac20	5240	Ant2	99.91	0
NVHT	ac20	5745	Ant2	99.9	0
NVHT	ac20	5785	Ant2	99.91	0
NVHT	ac20	5825	Ant2	99.91	0
NVHT	ac40	5190	Ant2	99.92	0
NVHT	ac40	5230	Ant2	99.91	0
NVHT	ac40	5755	Ant2	99.9	0
NVHT	ac40	5795	Ant2	99.91	0
NVHT	ac80	5210	Ant2	99.92	0
NVHT	ac80	5775	Ant2	99.9	0
NVNT	ax20	5180	Ant2	96.93	0.14
NVNT	ax20	5220	Ant2	96.91	0.14
NVNT	ax20	5240	Ant2	96.92	0.14
NVNT	ax20	5745	Ant2	96.93	0.14
NVNT	ax20	5785	Ant2	96.91	0.14
NVNT	ax20	5825	Ant2	96.88	0.14
NVNT	ax40	5190	Ant2	94.04	0.27
NVNT	ax40	5230	Ant2	94.06	0.27
NVNT	ax40	5755	Ant2	94.02	0.27
NVNT	ax40	5795	Ant2	94.05	0.27
NVNT	ax80	5210	Ant2	88.87	0.51
NVNT	ax80	5775	Ant2	88.89	0.51
NVHT	n20	5180	Ant2	99.91	0
NVHT	n20	5220	Ant2	99.9	0
NVHT	n20	5240	Ant2	99.91	0
NVHT	n20	5745	Ant2	99.89	0
NVHT	n20	5785	Ant2	99.9	0
NVHT	n20	5825	Ant2	99.9	0
NVNT	n40	5190	Ant2	99.91	0
NVNT	n40	5230	Ant2	99.9	0
NVNT	n40	5755	Ant2	99.92	0
NVNT	n40	5795	Ant2	99.9	0

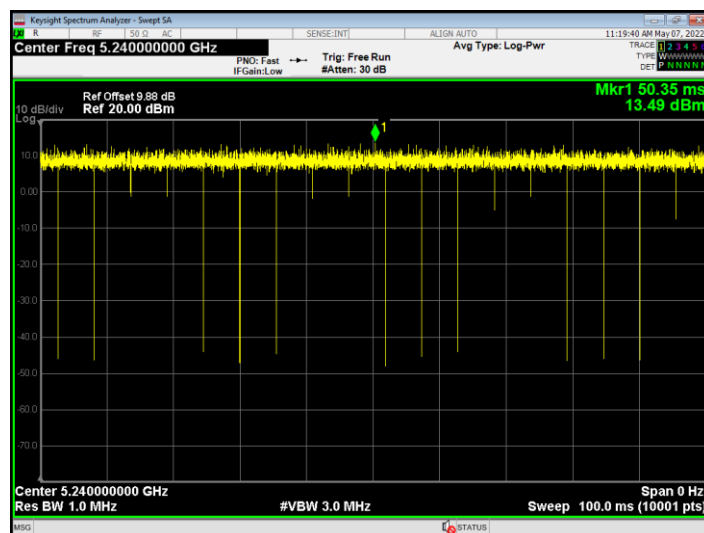
Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5220MHz Ant1



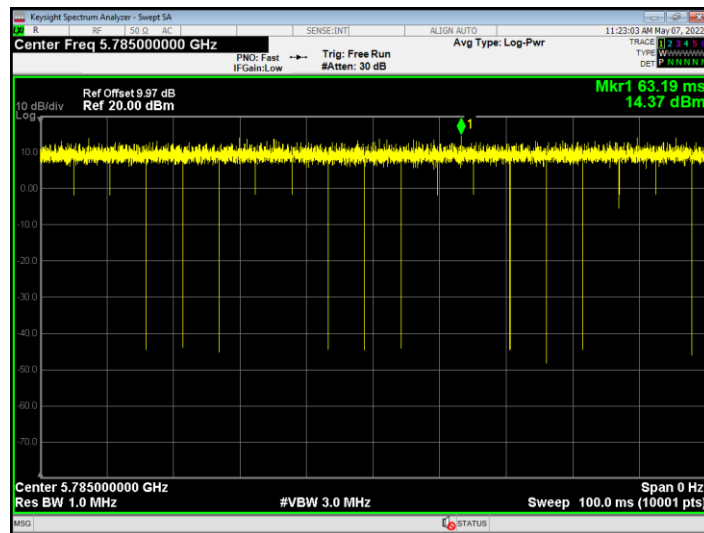
Duty Cycle NVNT a 5240MHz Ant1



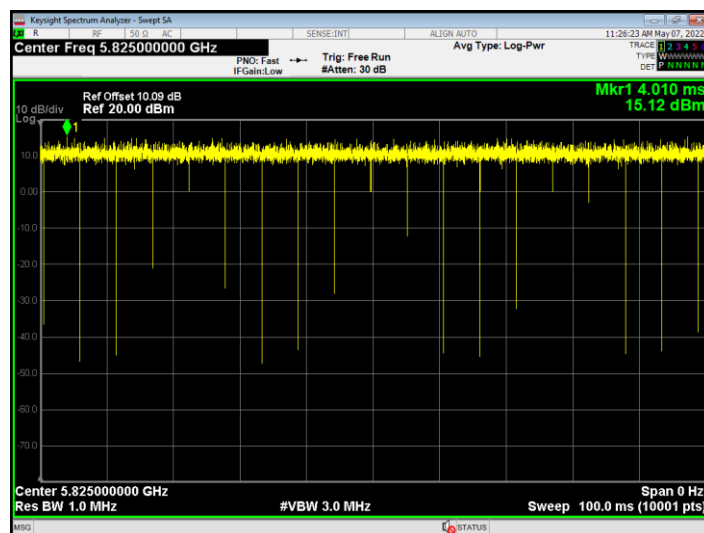
Duty Cycle NVNT a 5745MHz Ant1



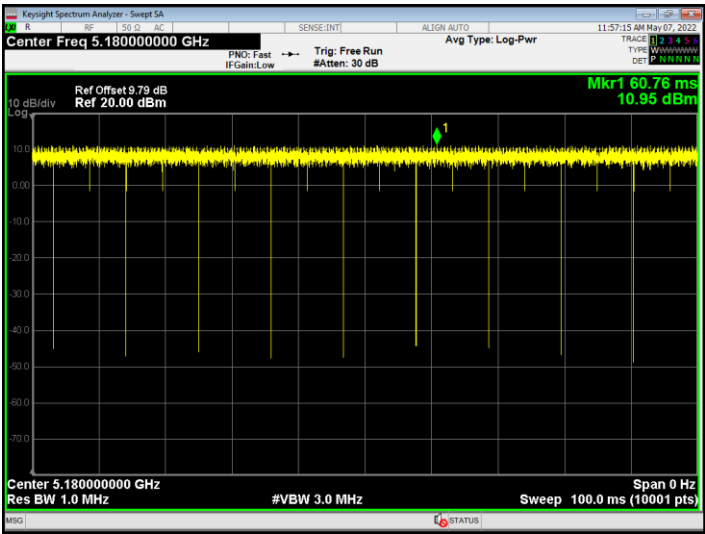
Duty Cycle NVNT a 5785MHz Ant1



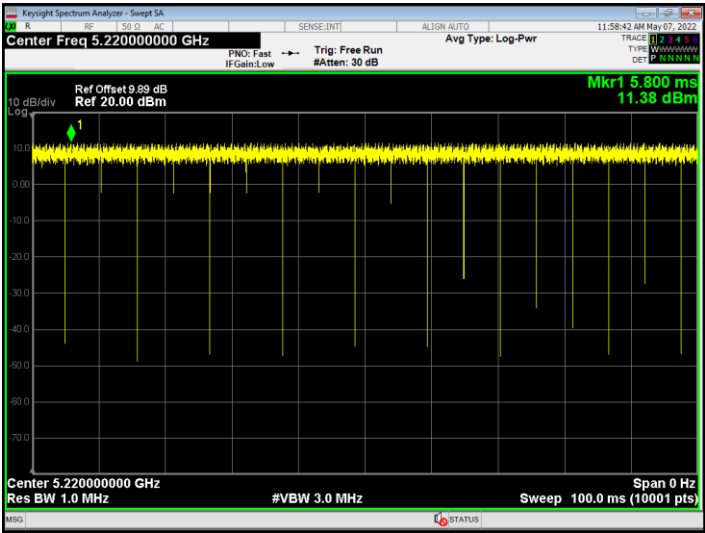
Duty Cycle NVNT a 5825MHz Ant1



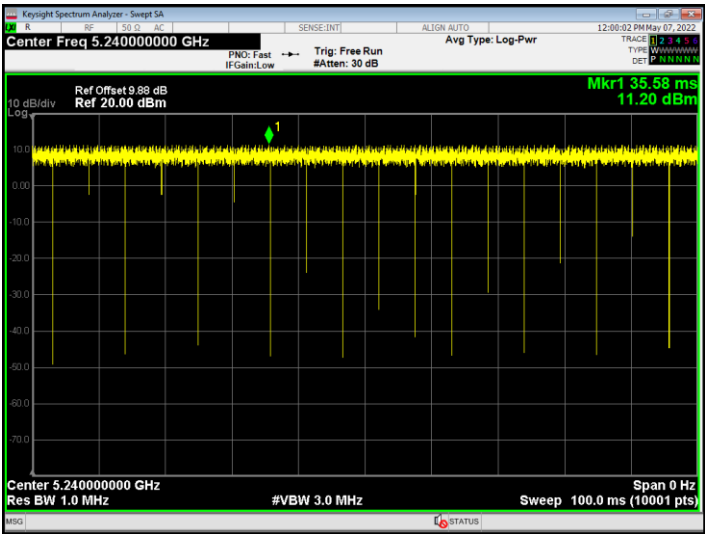
Duty Cycle NVNT ac20 5180MHz Ant1



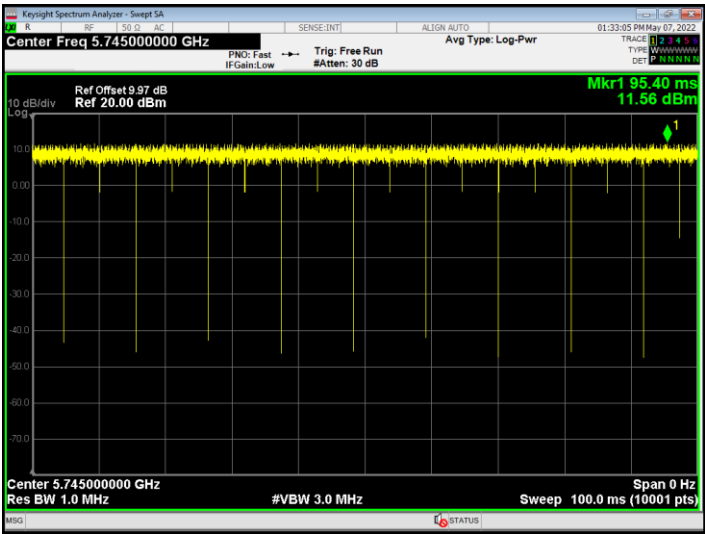
Duty Cycle NVNT ac20 5220MHz Ant1



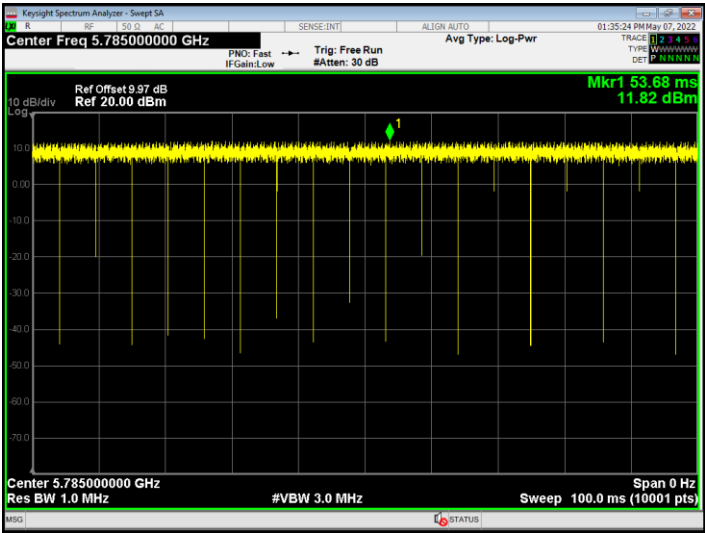
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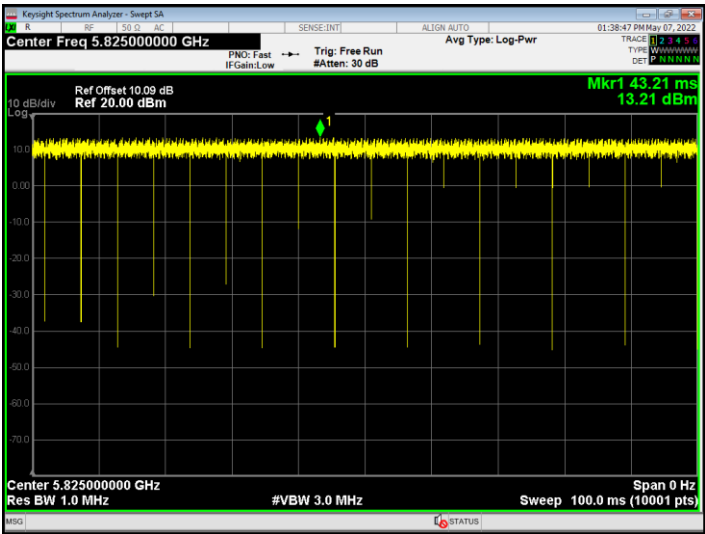
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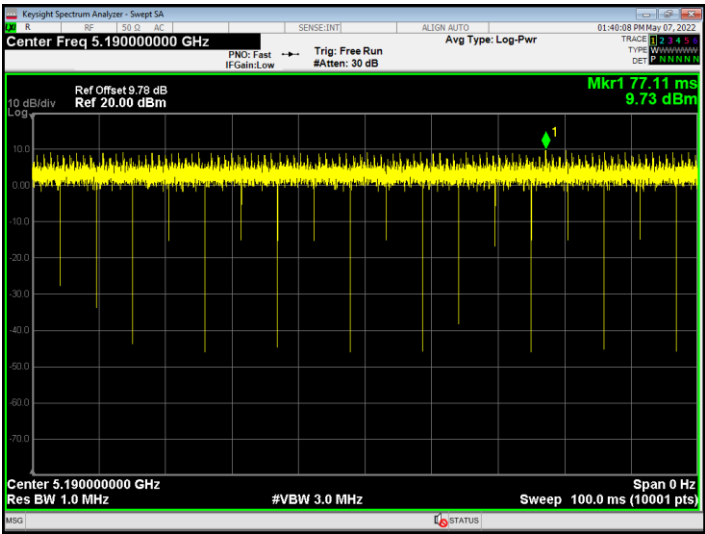
Duty Cycle NVNT ac20 5785MHz Ant1



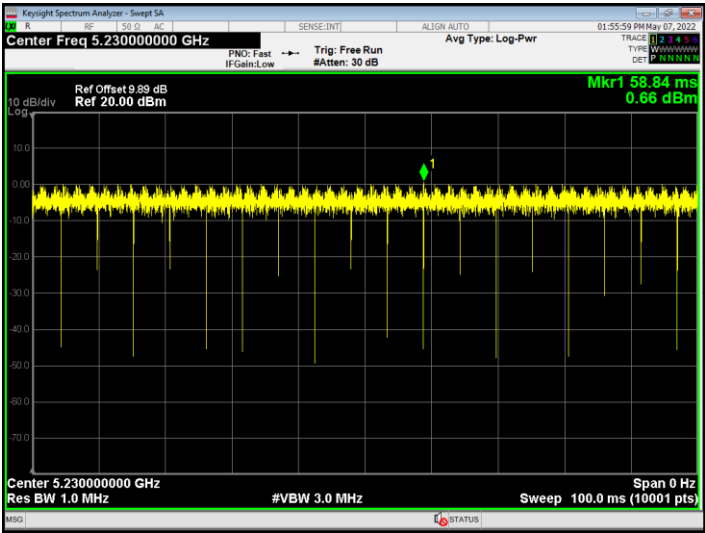
Duty Cycle NVNT ac20 5825MHz Ant1



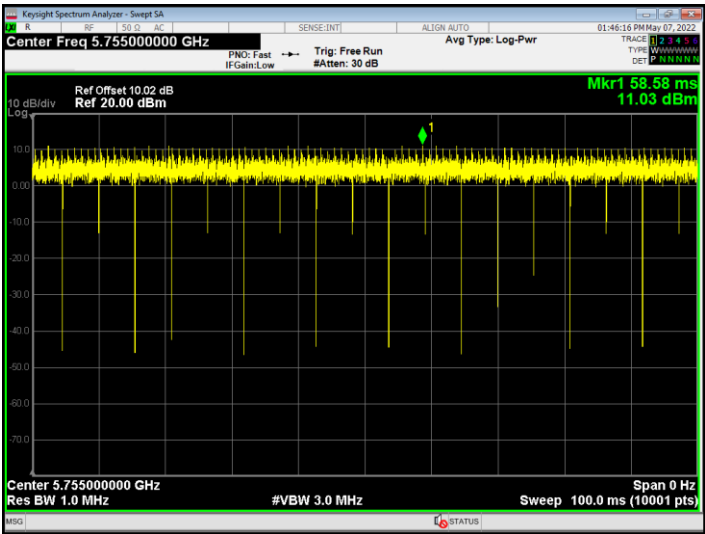
Duty Cycle NVNT ac40 5190MHz Ant1



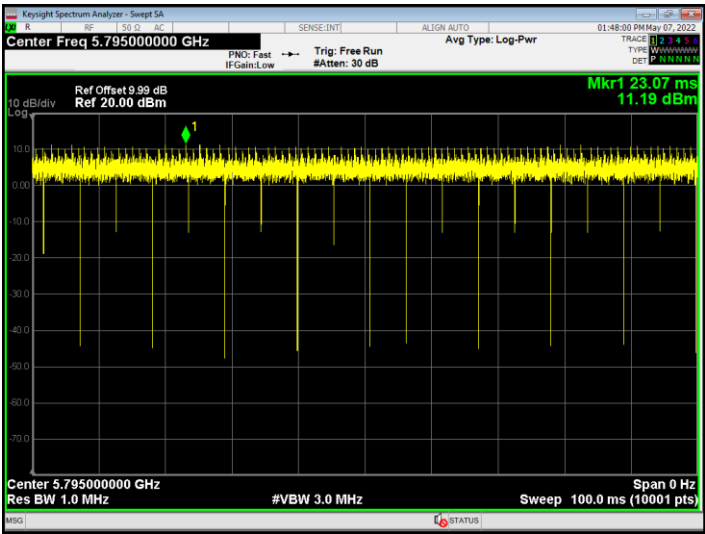
Duty Cycle NVNT ac40 5230MHz Ant1



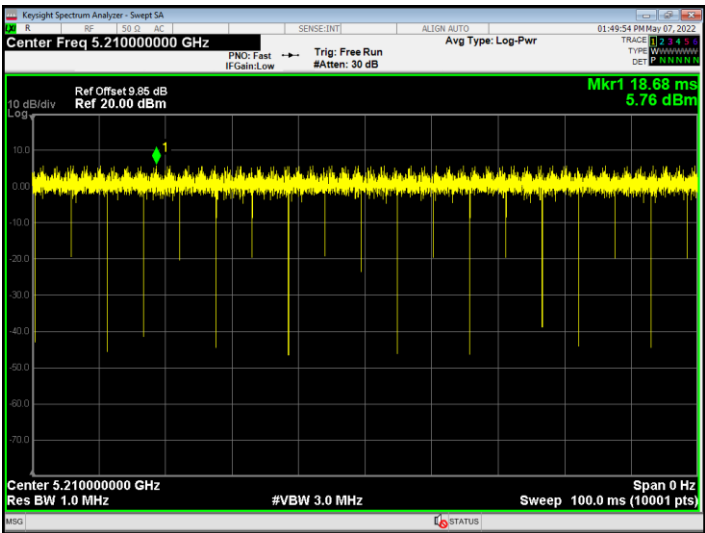
Duty Cycle NVNT ac40 5755MHz Ant1



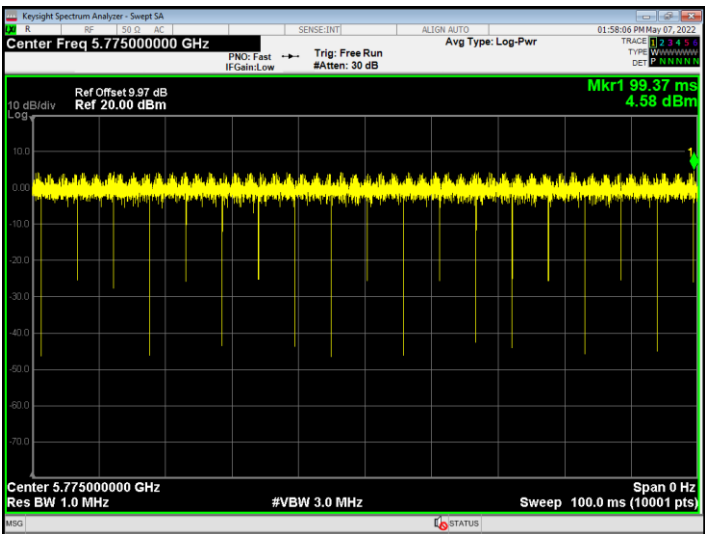
Duty Cycle NVNT ac40 5795MHz Ant1



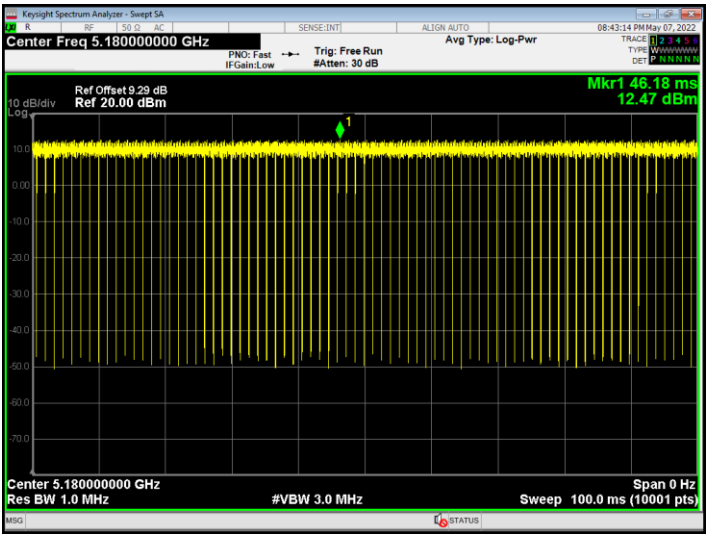
Duty Cycle NVNT ac80 5210MHz Ant1



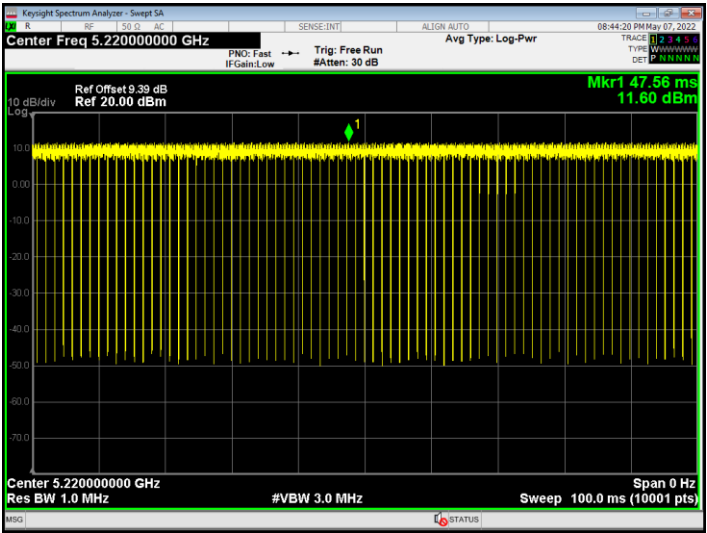
Duty Cycle NVNT ac80 5775MHz Ant1



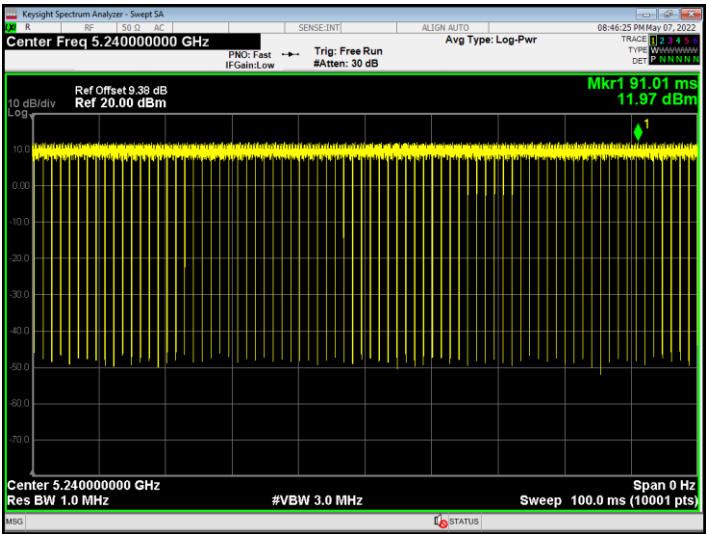
Duty Cycle NVNT ax20 5180MHz Ant1



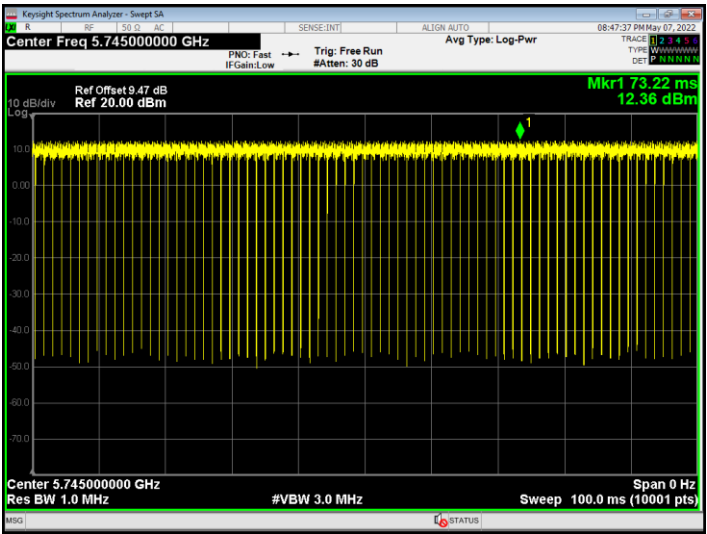
Duty Cycle NVNT ax20 5220MHz Ant1



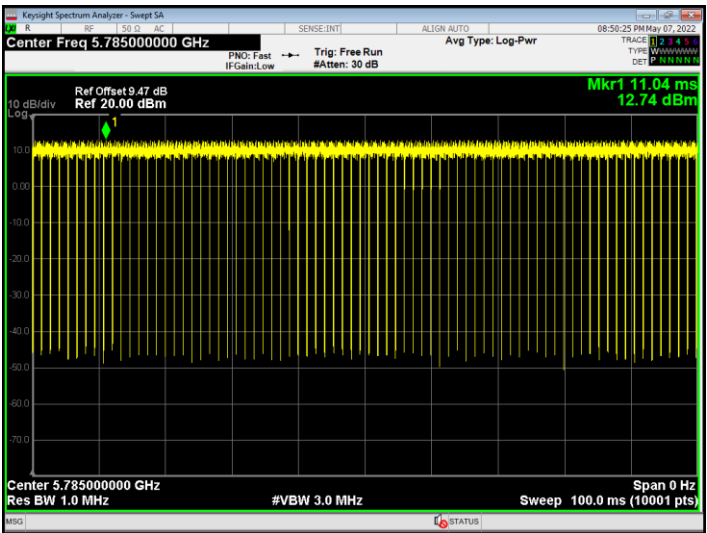
Duty Cycle NVNT ax20 5240MHz Ant1



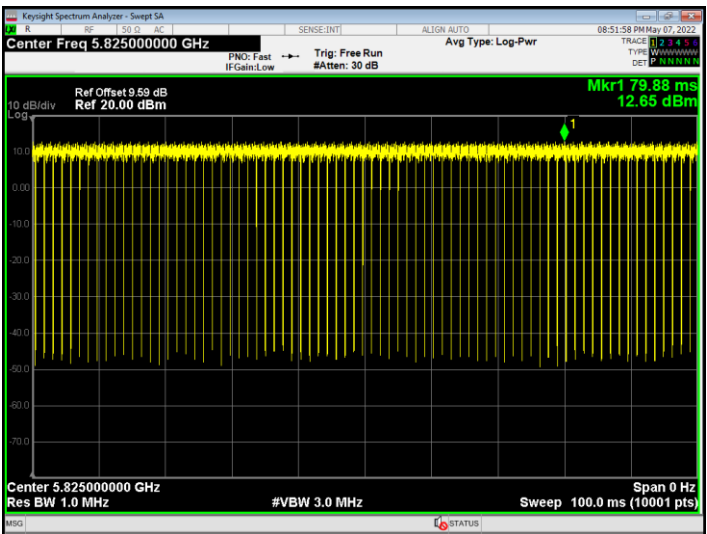
Duty Cycle NVNT ax20 5745MHz Ant1



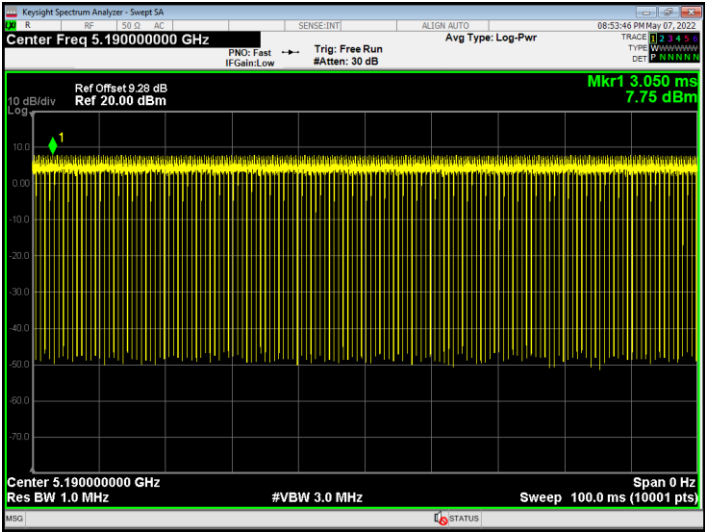
Duty Cycle NVNT ax20 5785MHz Ant1



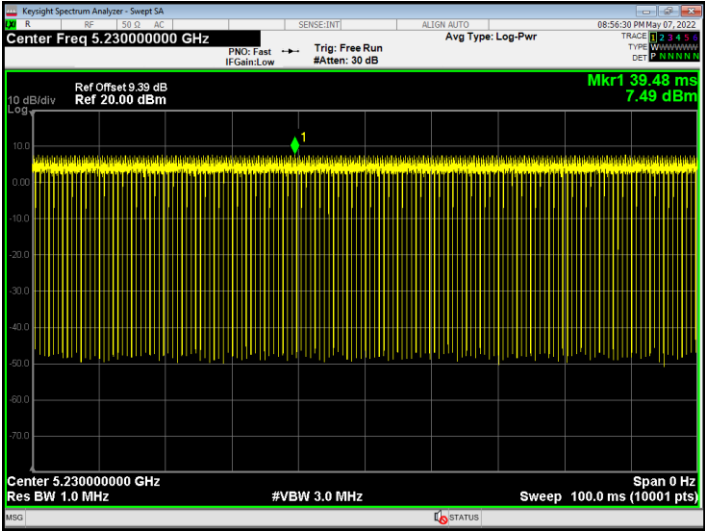
Duty Cycle NVNT ax20 5825MHz Ant1



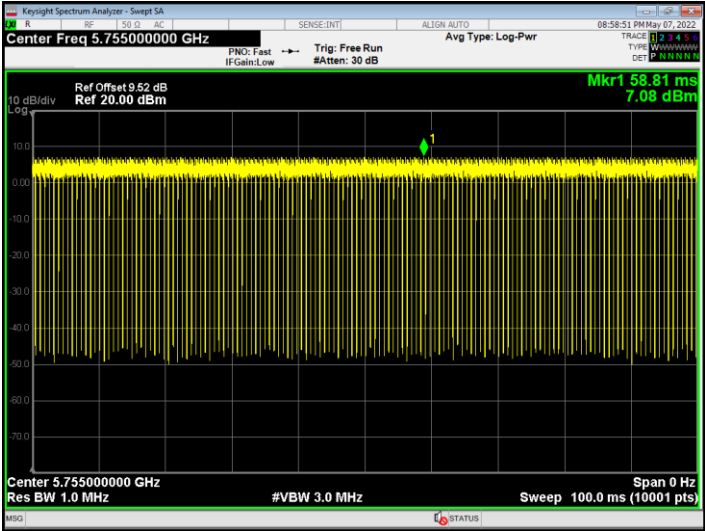
Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1



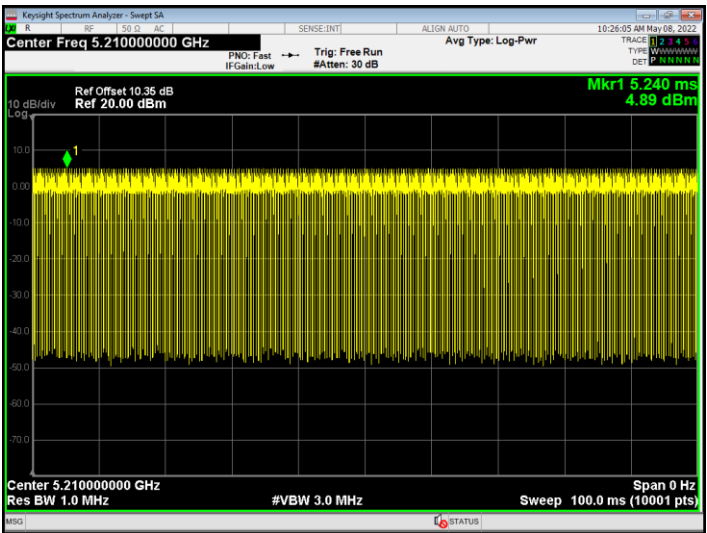
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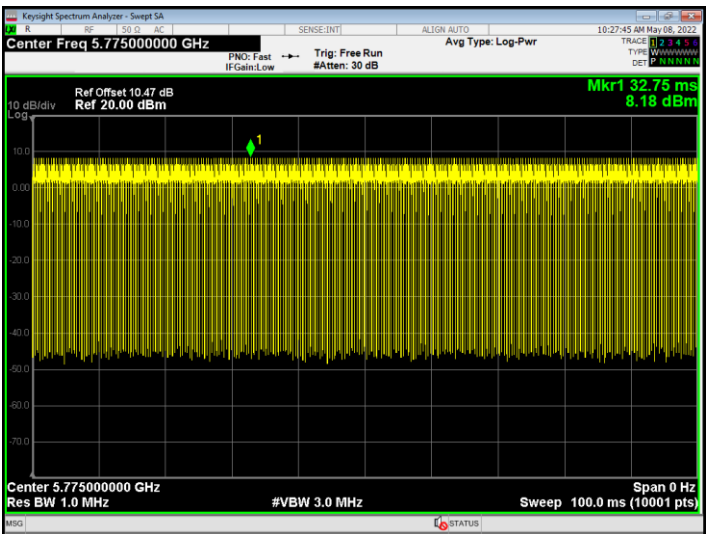
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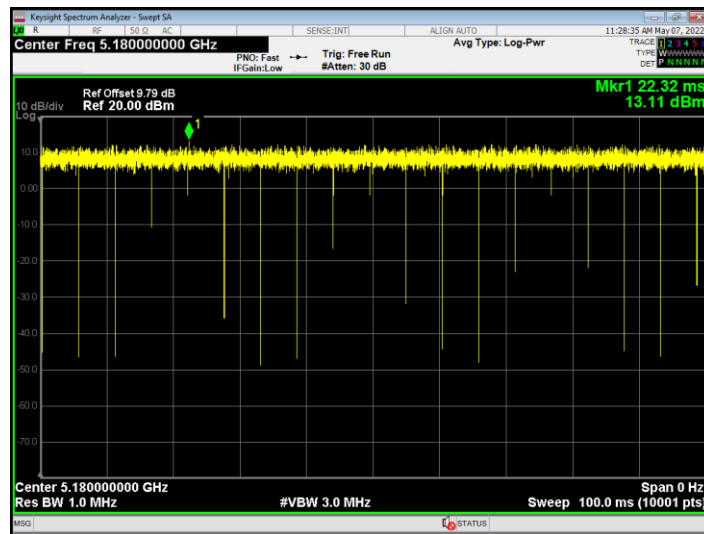
Duty Cycle NVNT ax80 5210MHz Ant1



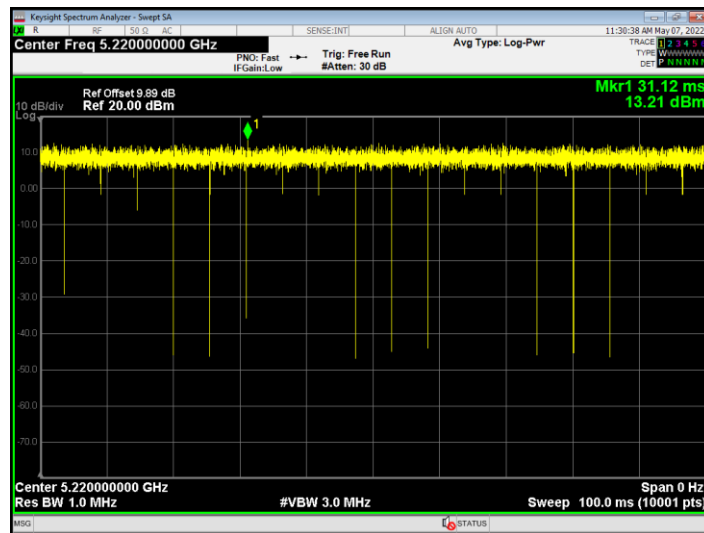
Duty Cycle NVNT ax80 5775MHz Ant1



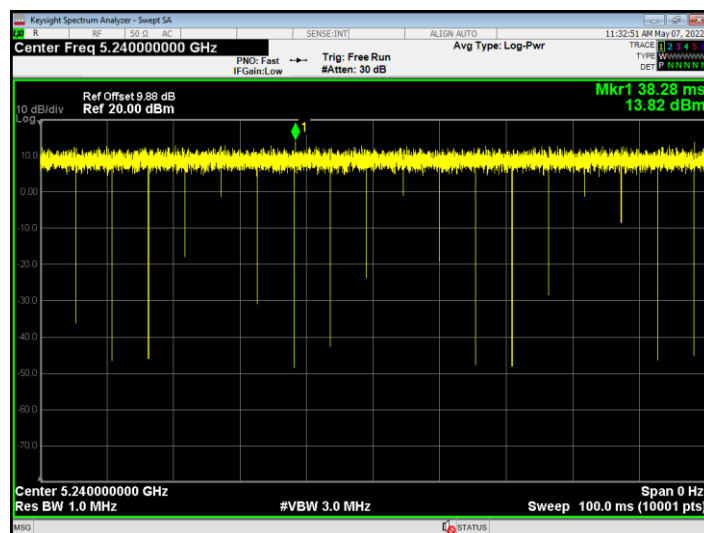
Duty Cycle NVNT n20 5180MHz Ant1



Duty Cycle NVNT n20 5220MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



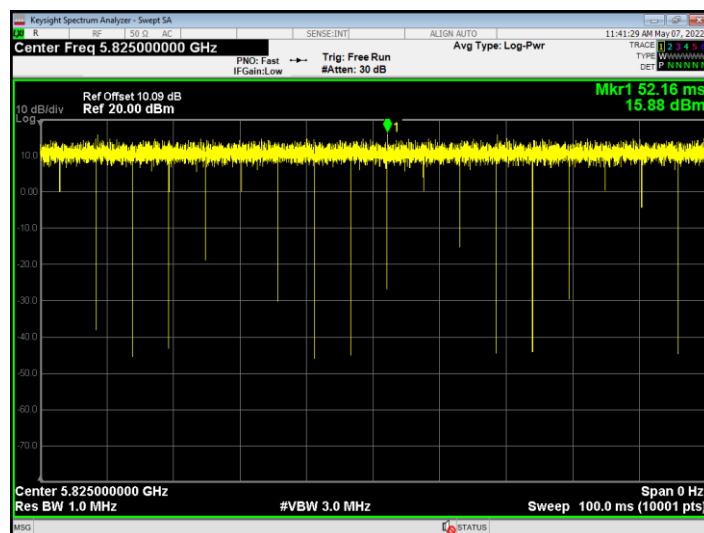
Duty Cycle NVNT n20 5745MHz Ant1



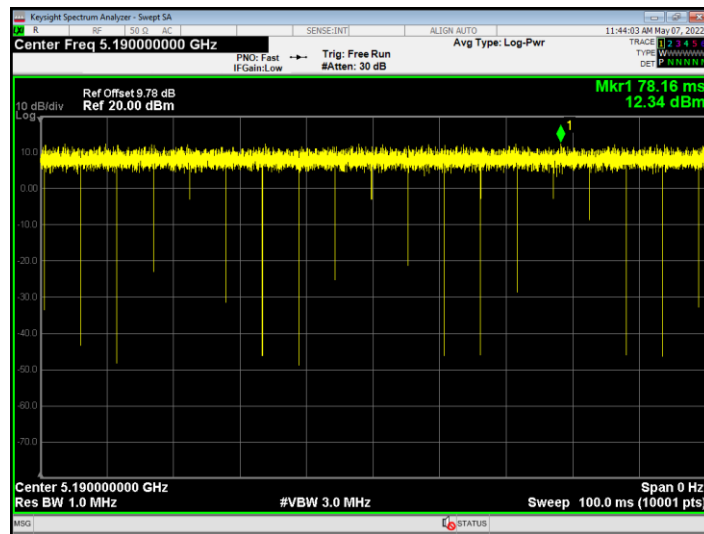
Duty Cycle NVNT n20 5785MHz Ant1



Duty Cycle NVNT n20 5825MHz Ant1



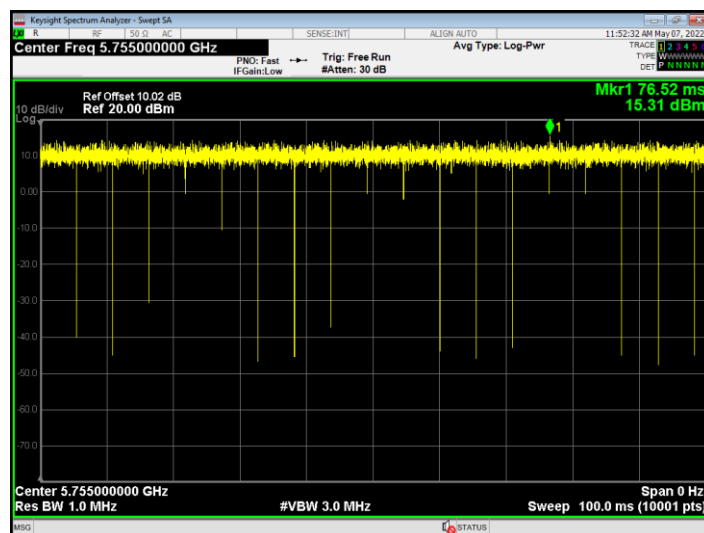
Duty Cycle NVNT n40 5190MHz Ant1



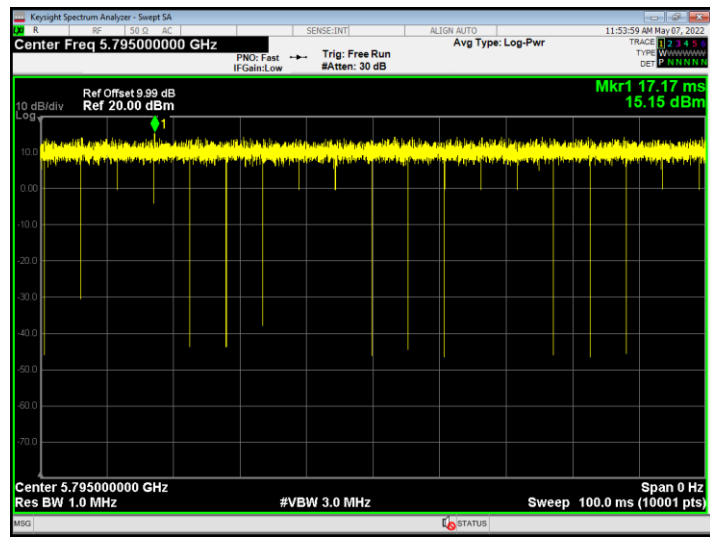
Duty Cycle NVNT n40 5230MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1

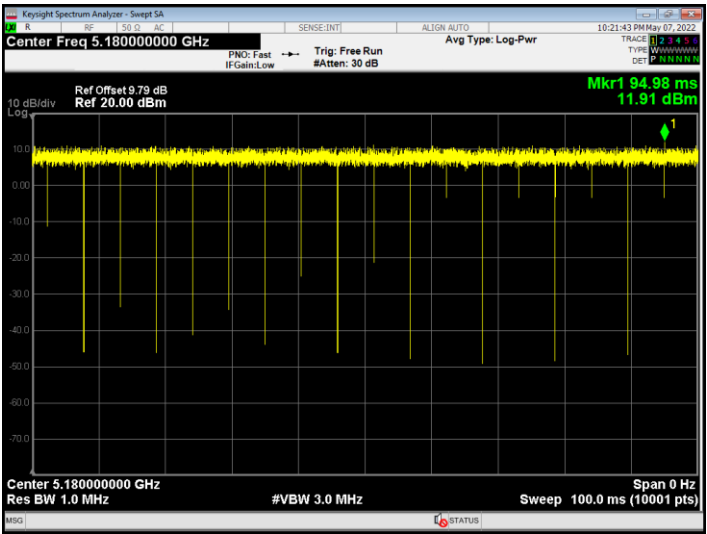


Duty Cycle NVNT n40 5795MHz Ant1

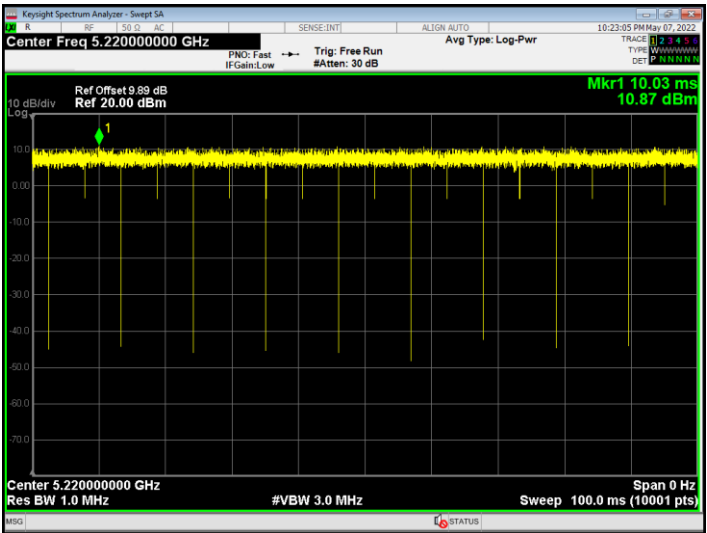


ANT2

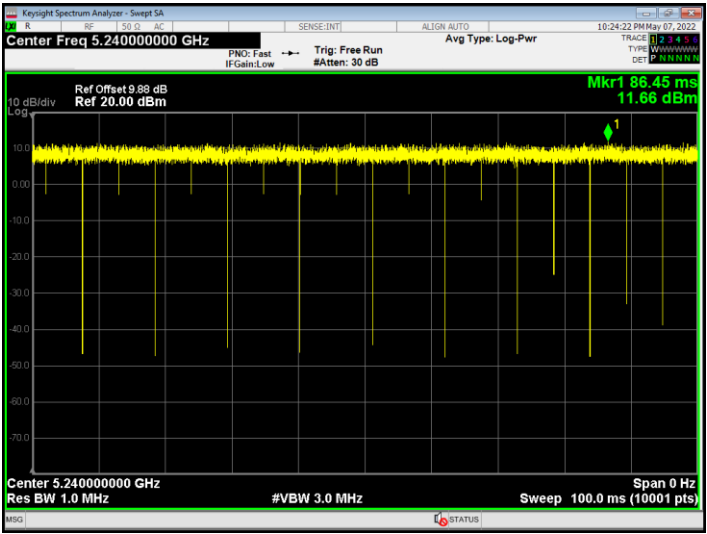
Duty Cycle NVHT a 5180MHz Ant2



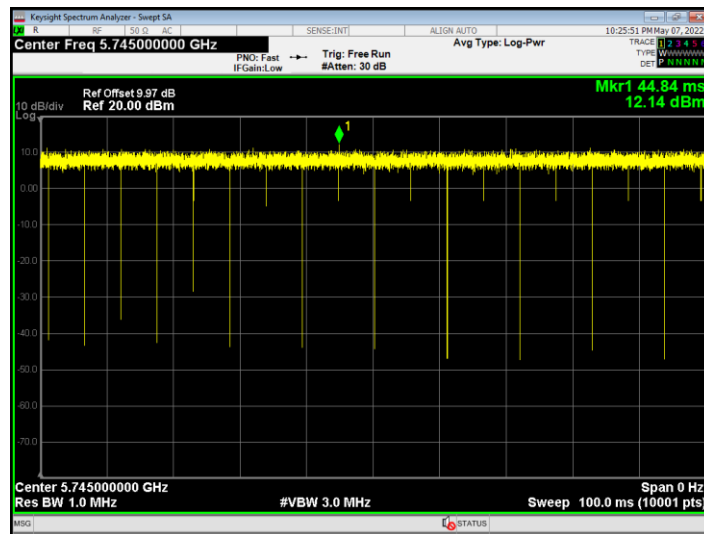
Duty Cycle NVHT a 5220MHz Ant2



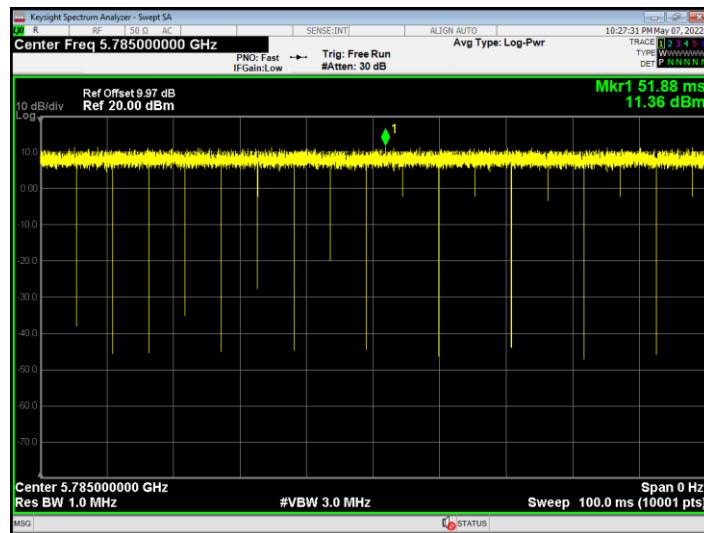
Duty Cycle NVHT a 5240MHz Ant2



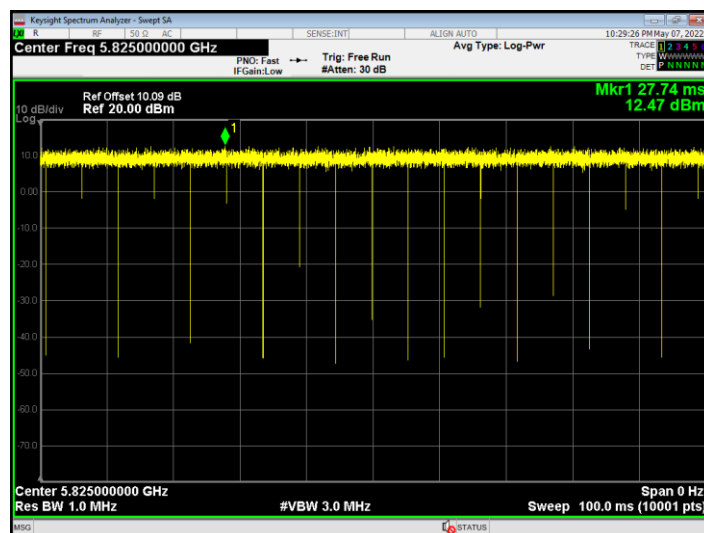
Duty Cycle NVHT a 5745MHz Ant2



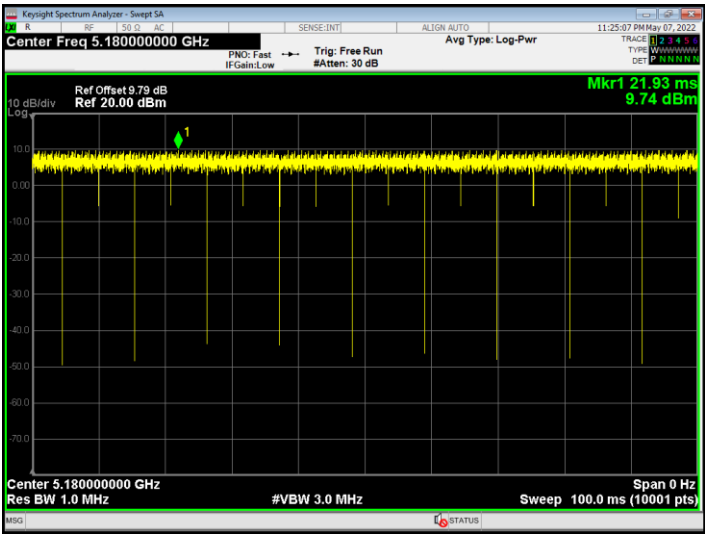
Duty Cycle NVHT a 5785MHz Ant2



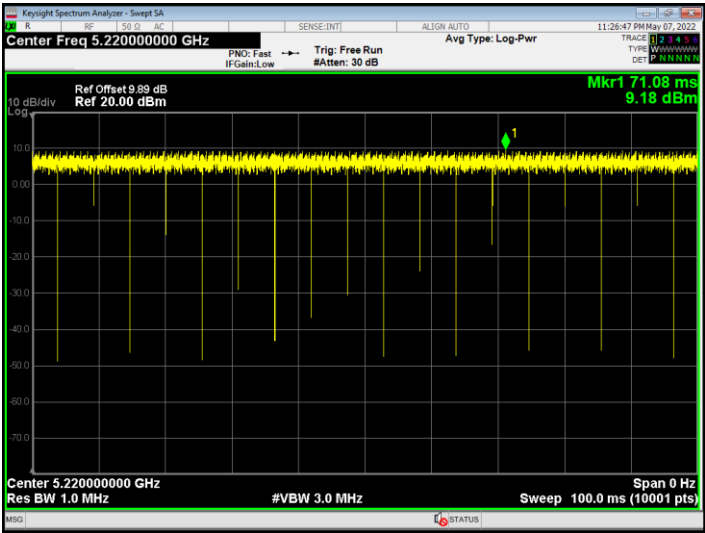
Duty Cycle NVHT a 5825MHz Ant2



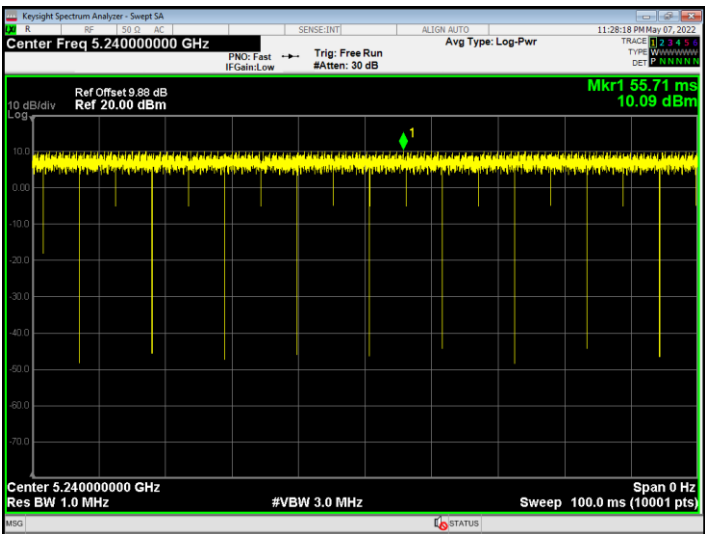
Duty Cycle NVHT ac20 5180MHz Ant2



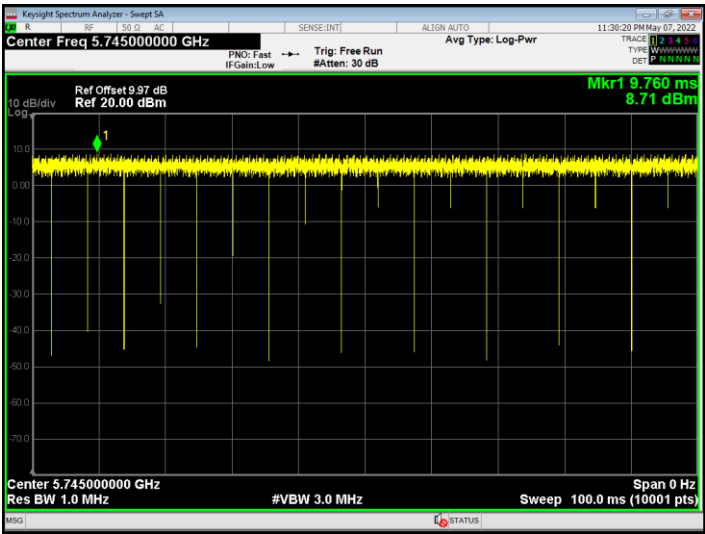
Duty Cycle NVHT ac20 5220MHz Ant2



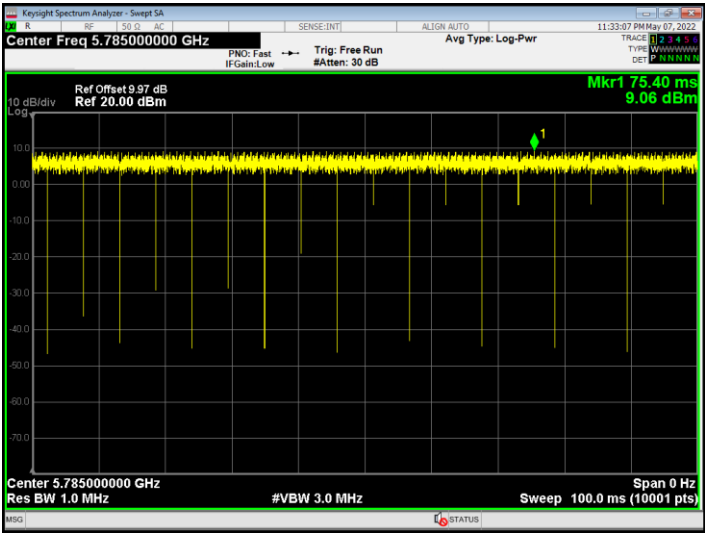
Duty Cycle NVHT ac20 5240MHz Ant2



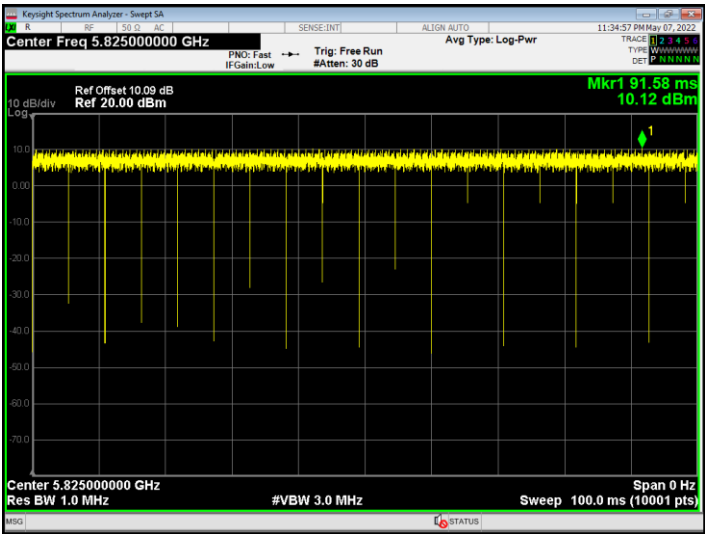
Duty Cycle NVHT ac20 5745MHz Ant2



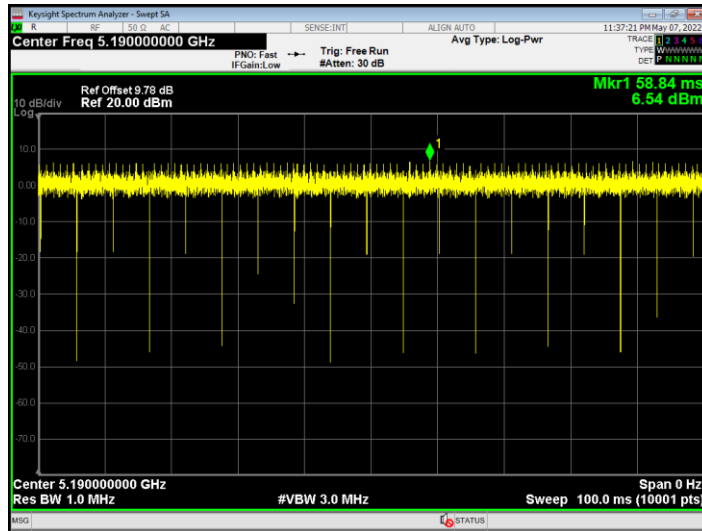
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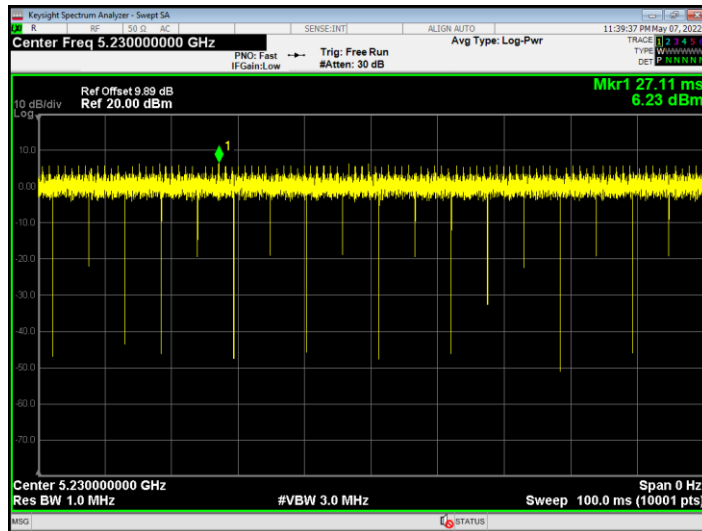
Duty Cycle NVHT ac20 5825MHz Ant2



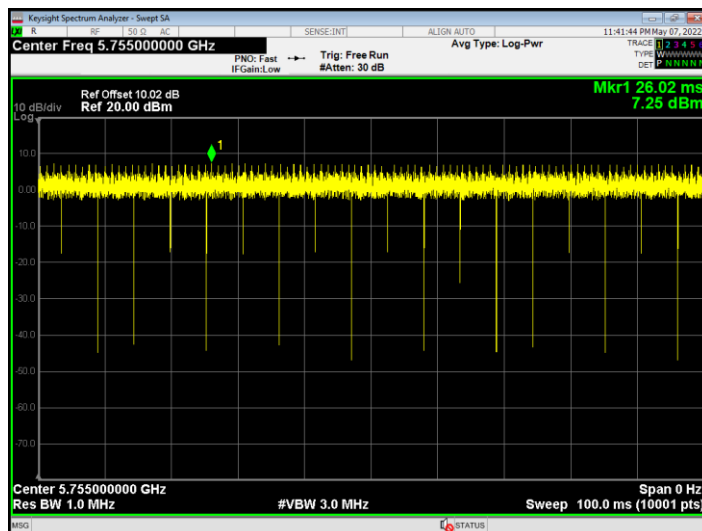
Duty Cycle NVHT ac40 5190MHz Ant2



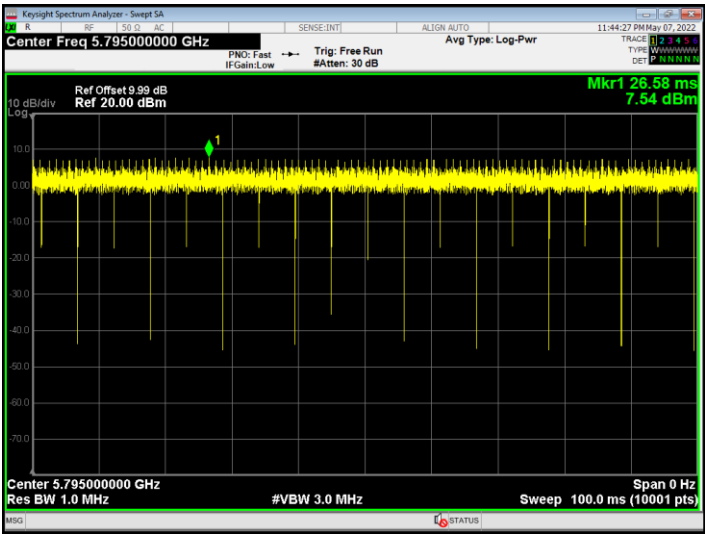
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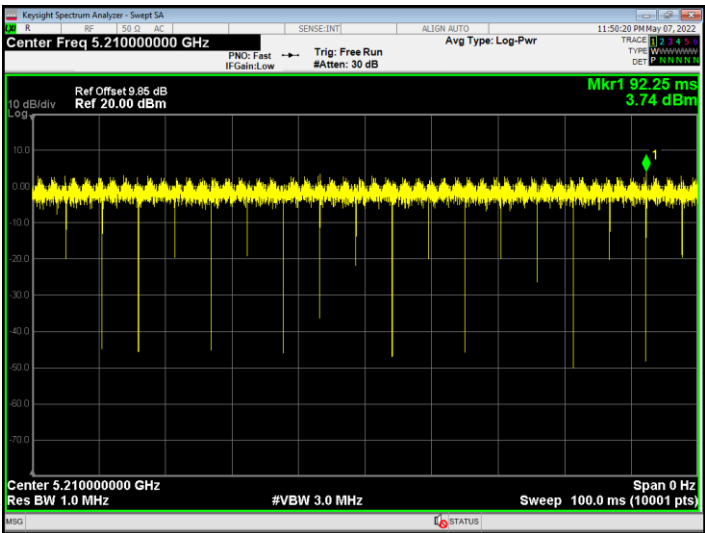
Duty Cycle NVHT ac40 5755MHz Ant2



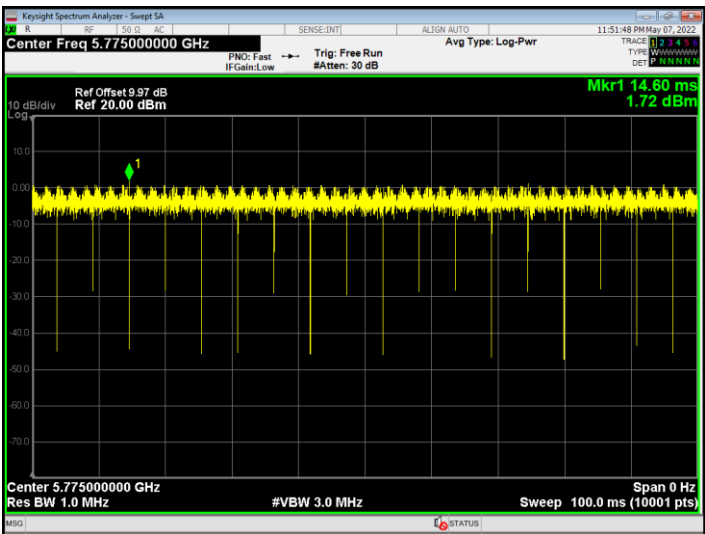
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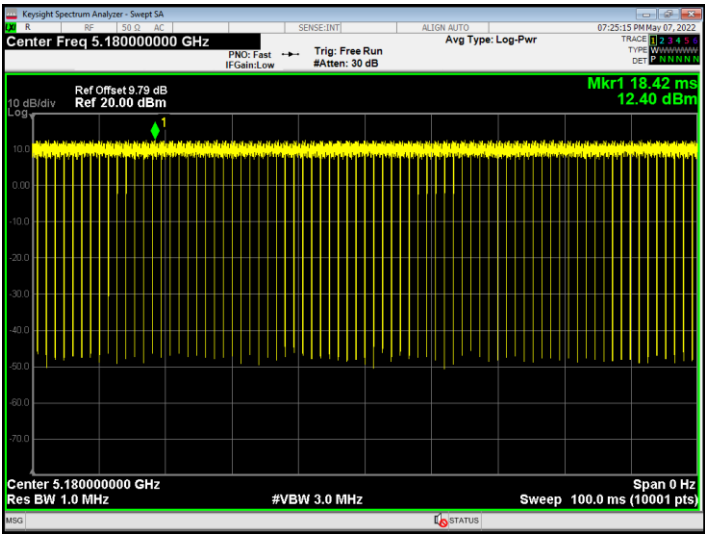
Duty Cycle NVHT ac80 5210MHz Ant2



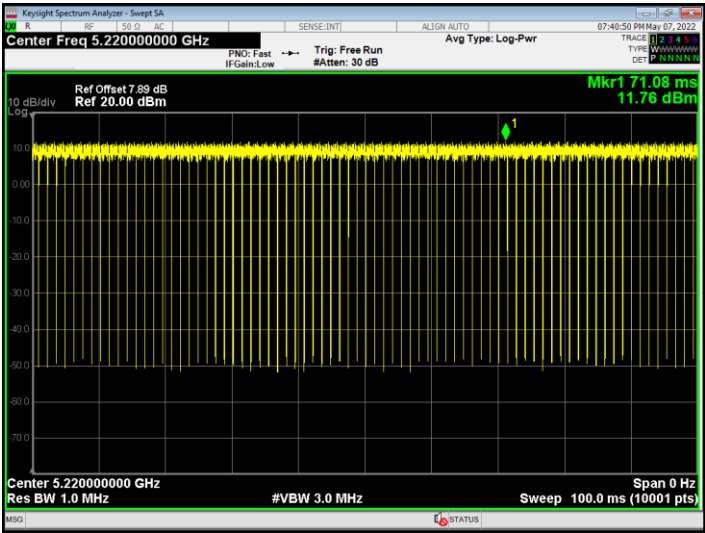
Duty Cycle NVHT ac80 5775MHz Ant2



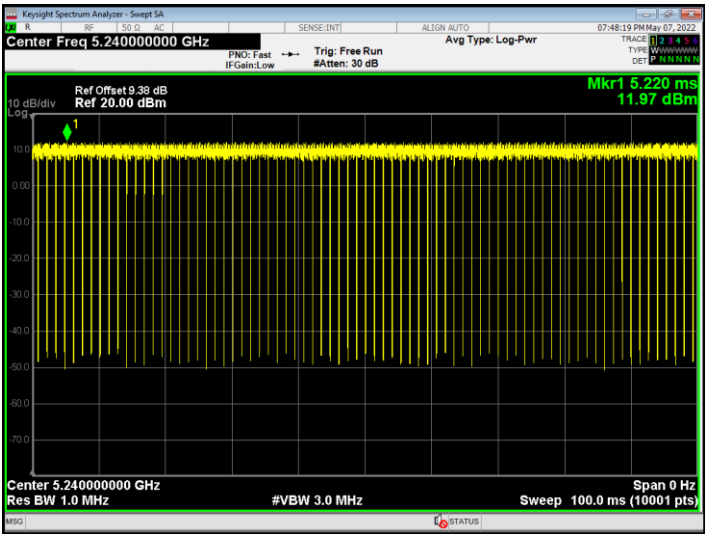
Duty Cycle NVNT ax20 5180MHz Ant2



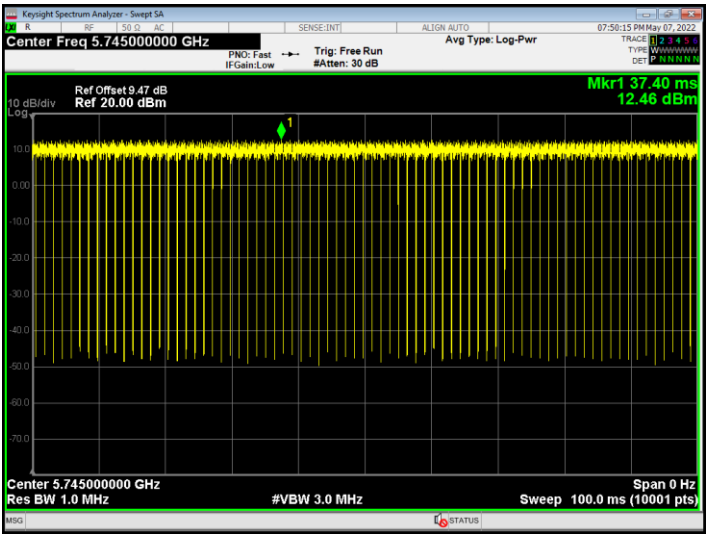
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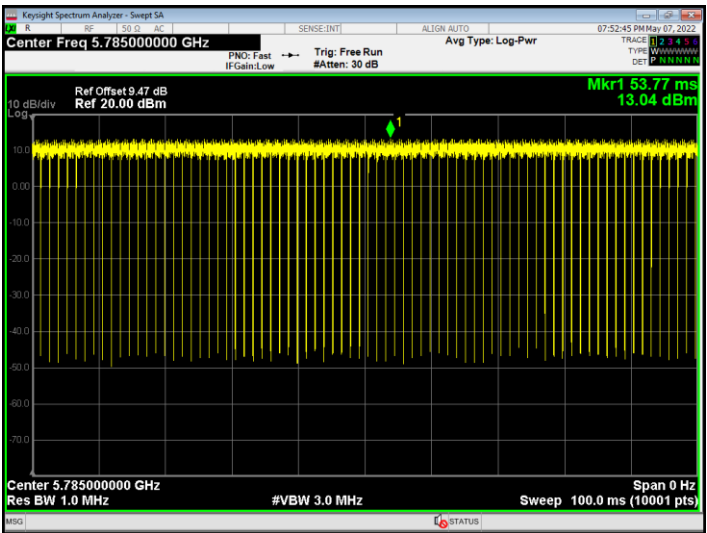
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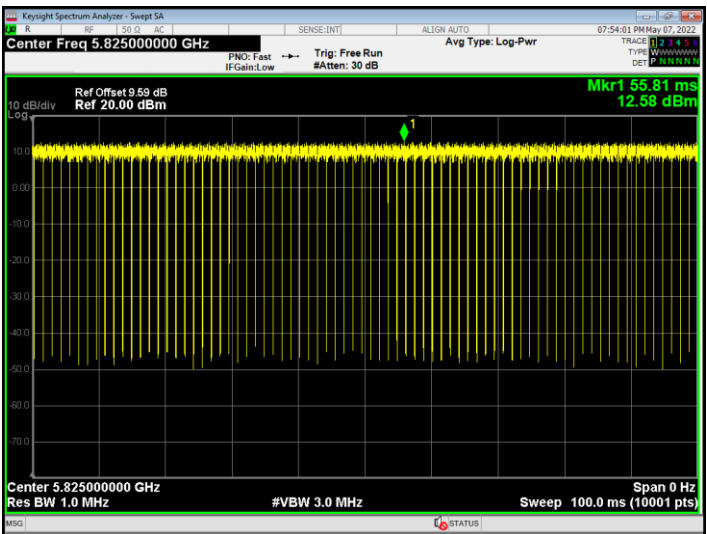
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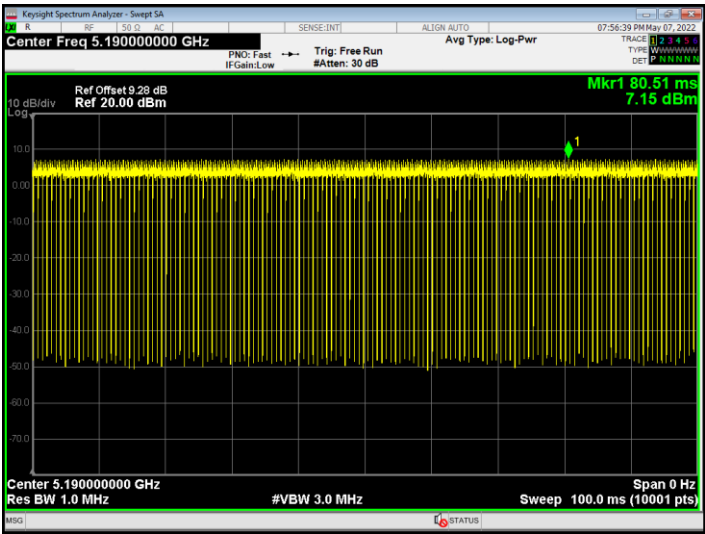
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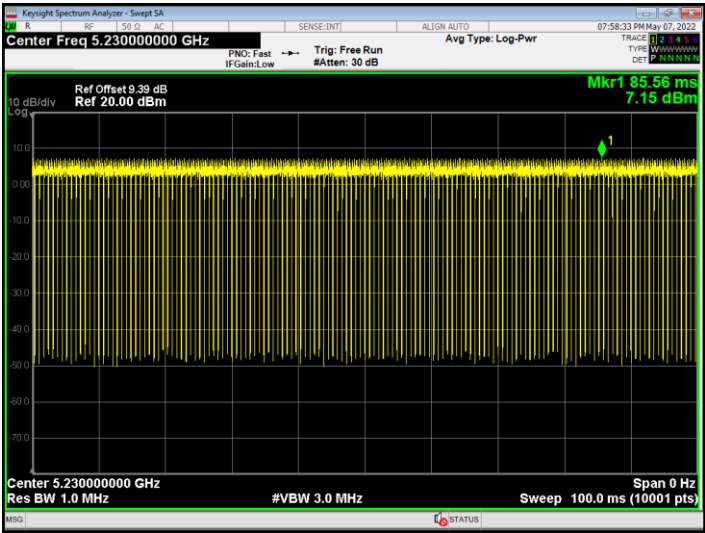
Duty Cycle NVNT ax20 5825MHz Ant2



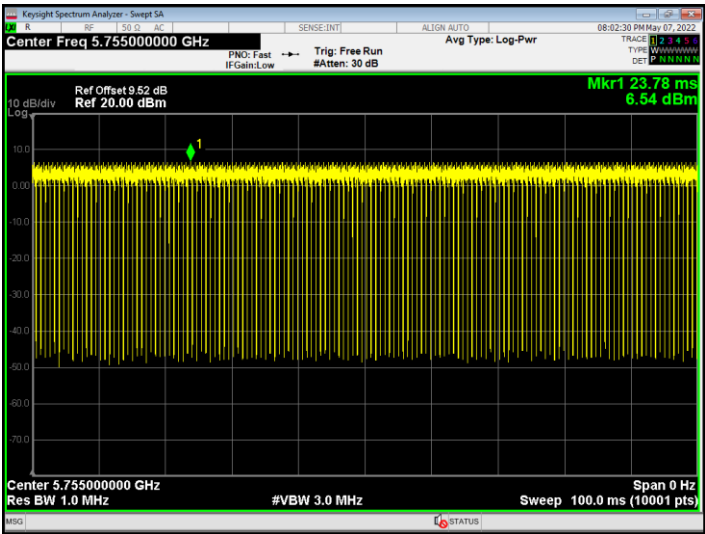
Duty Cycle NVNT ax40 5190MHz Ant2



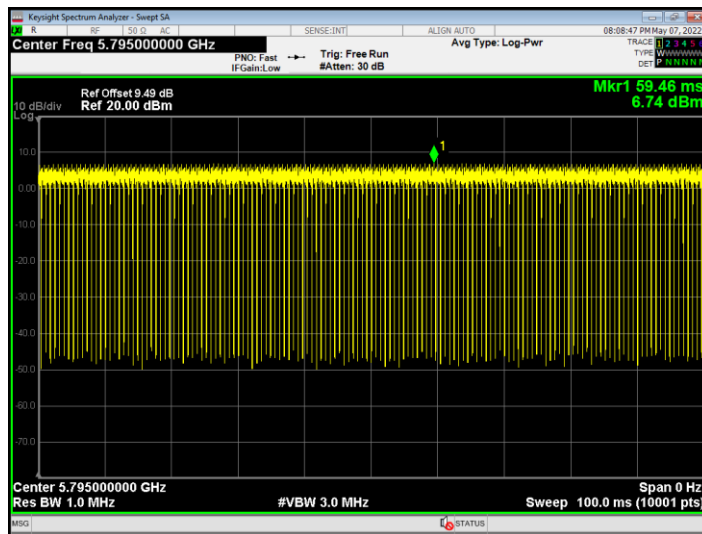
Duty Cycle NVNT ax40 5230MHz Ant2



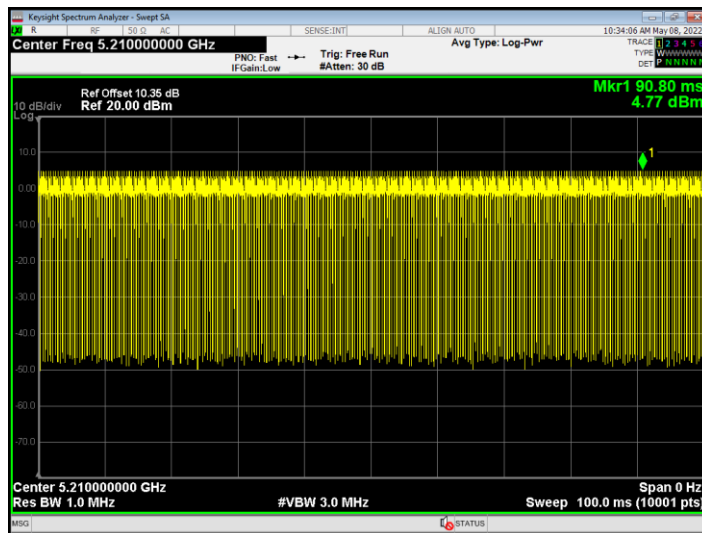
Duty Cycle NVNT ax40 5755MHz Ant2



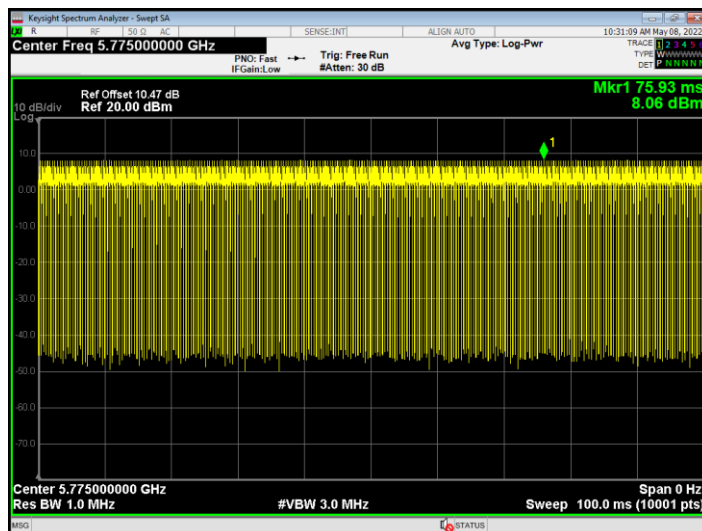
Duty Cycle NVNT ax40 5795MHz Ant2



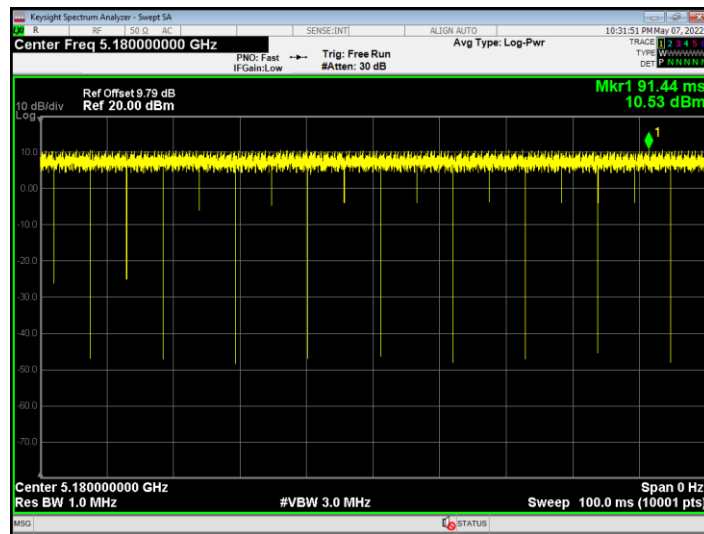
Duty Cycle NVNT ax80 5210MHz Ant2



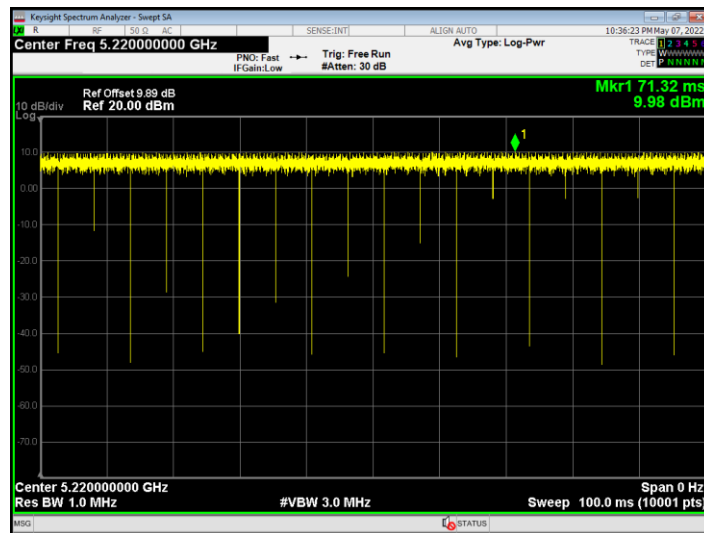
Duty Cycle NVNT ax80 5775MHz Ant2



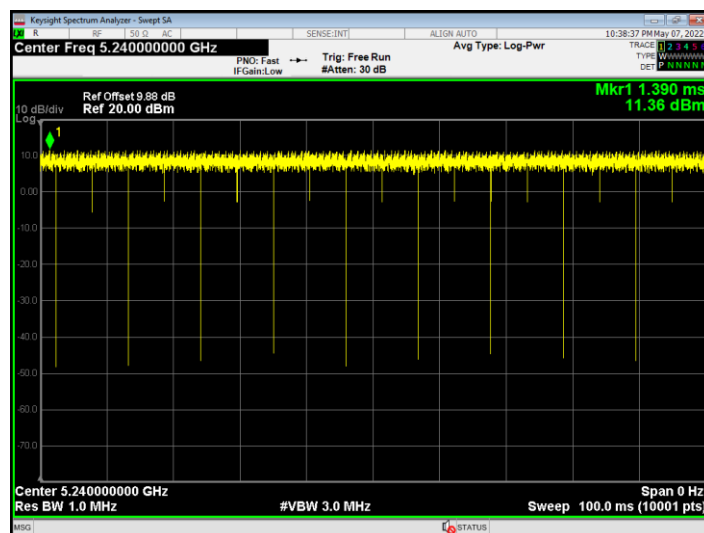
Duty Cycle NVHT n20 5180MHz Ant2



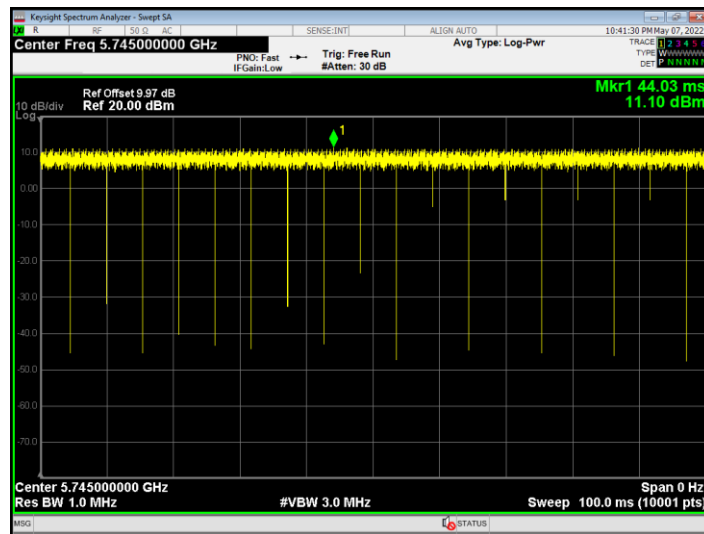
Duty Cycle NVHT n20 5220MHz Ant2



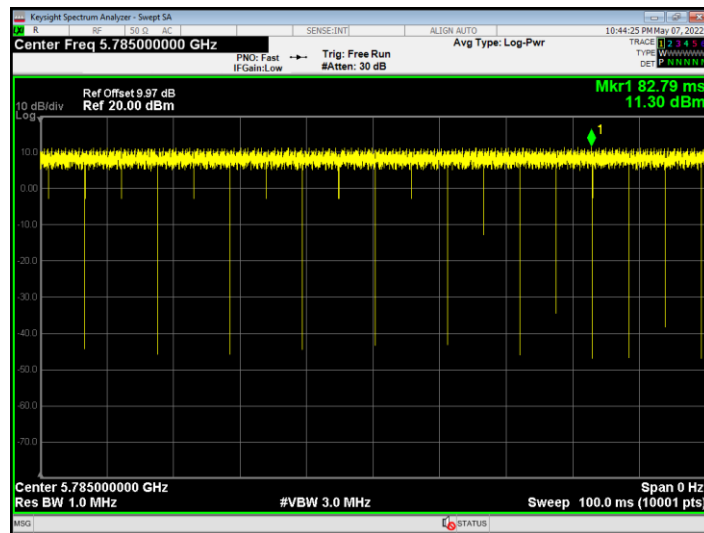
Duty Cycle NVHT n20 5240MHz Ant2



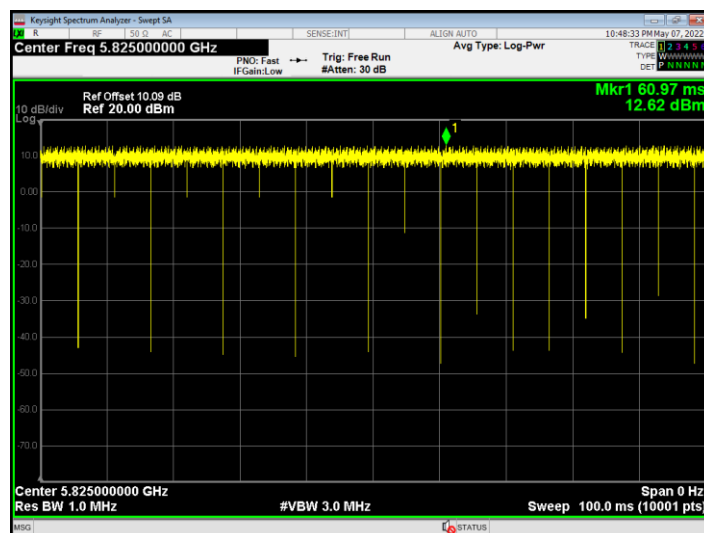
Duty Cycle NVHT n20 5745MHz Ant2



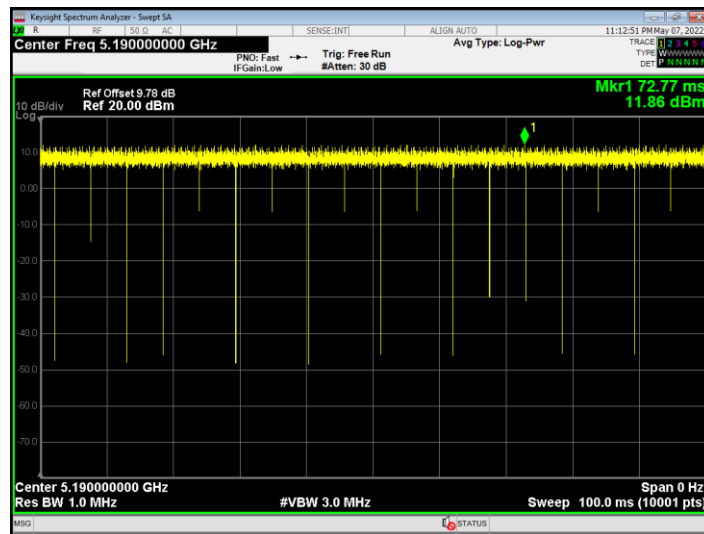
Duty Cycle NVHT n20 5785MHz Ant2



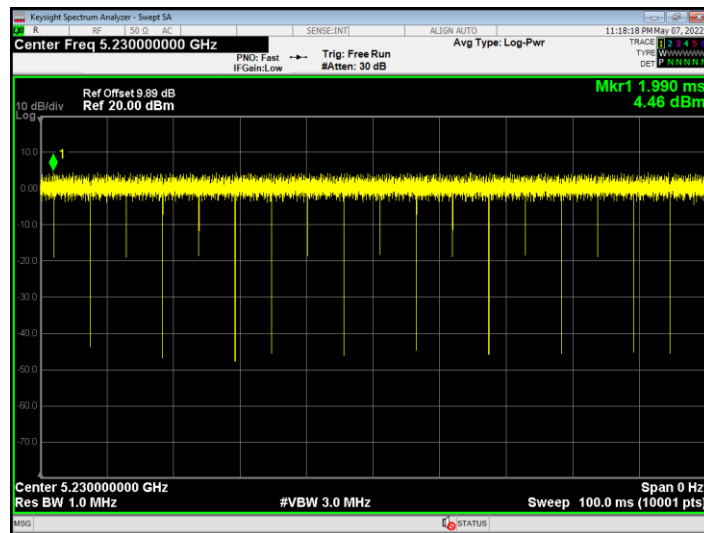
Duty Cycle NVHT n20 5825MHz Ant2



Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2



Duty Cycle NVNT n40 5755MHz Ant2

