

NVNT	n40	5795	ANT2	32.597	0.5	Pass
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Test Graphs

-6dB Bandwidth NVNT a 5745MHz ANT1



-6dB Bandwidth NVNT a 5785MHz ANT1



-6dB Bandwidth NVNT a 5825MHz ANT1



-6dB Bandwidth NVNT a 5745MHz ANT2



-6dB Bandwidth NVNT a 5785MHz ANT2



-6dB Bandwidth NVNT a 5825MHz ANT2



-6dB Bandwidth NVNT ac20 5745MHz ANT1



-6dB Bandwidth NVNT ac20 5745MHz ANT2



-6dB Bandwidth NVNT ac20 5785MHz ANT1



-6dB Bandwidth NVNT ac20 5785MHz ANT2



-6dB Bandwidth NVNT ac20 5825MHz ANT1



-6dB Bandwidth NVNT ac20 5825MHz ANT2



-6dB Bandwidth NVNT ac40 5755MHz ANT1



-6dB Bandwidth NVNT ac40 5755MHz ANT2



-6dB Bandwidth NVNT ac40 5795MHz ANT1



-6dB Bandwidth NVNT ac40 5795MHz ANT2



-6dB Bandwidth NVNT ac80 5775MHz ANT1



-6dB Bandwidth NVNT ac80 5775MHz ANT2



-6dB Bandwidth NVNT ax20 5745MHz ANT1



-6dB Bandwidth NVNT ax20 5745MHz ANT2



-6dB Bandwidth NVNT ax20 5785MHz ANT1



-6dB Bandwidth NVNT ax20 5785MHz ANT2



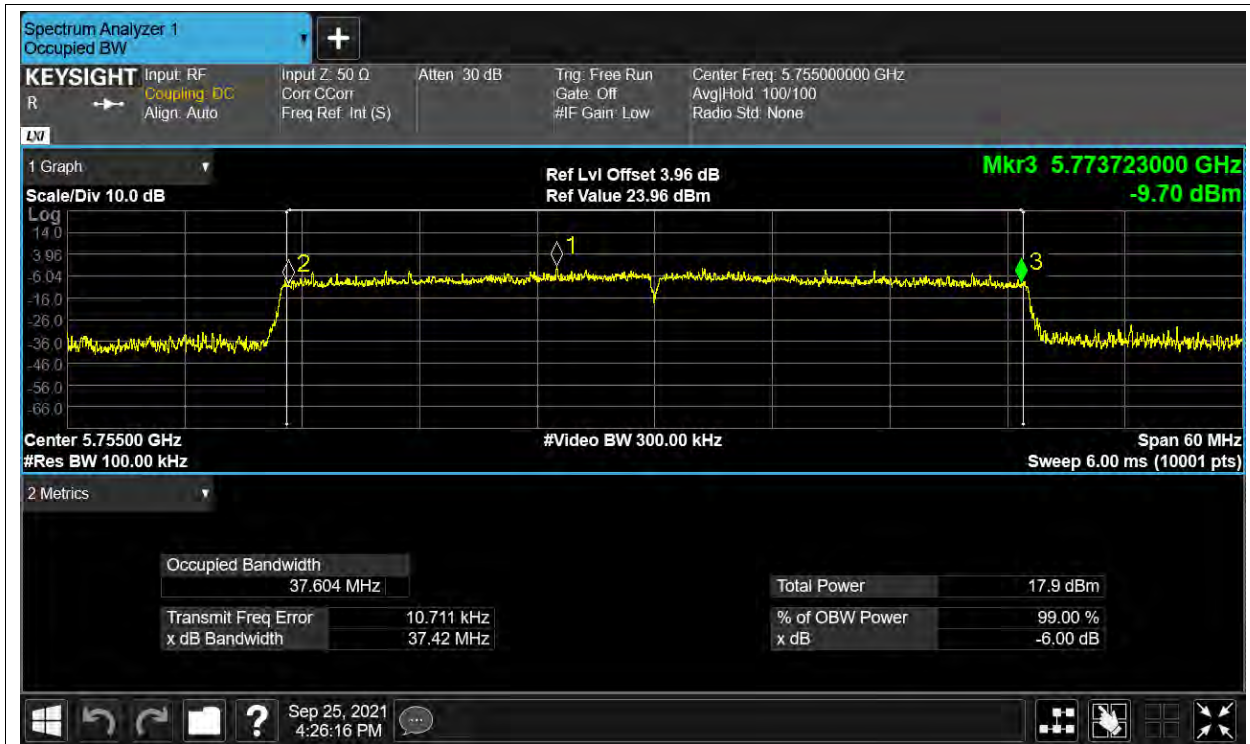
-6dB Bandwidth NVNT ax20 5825MHz ANT1



-6dB Bandwidth NVNT ax20 5825MHz ANT2



-6dB Bandwidth NVNT ax40 5755MHz ANT1



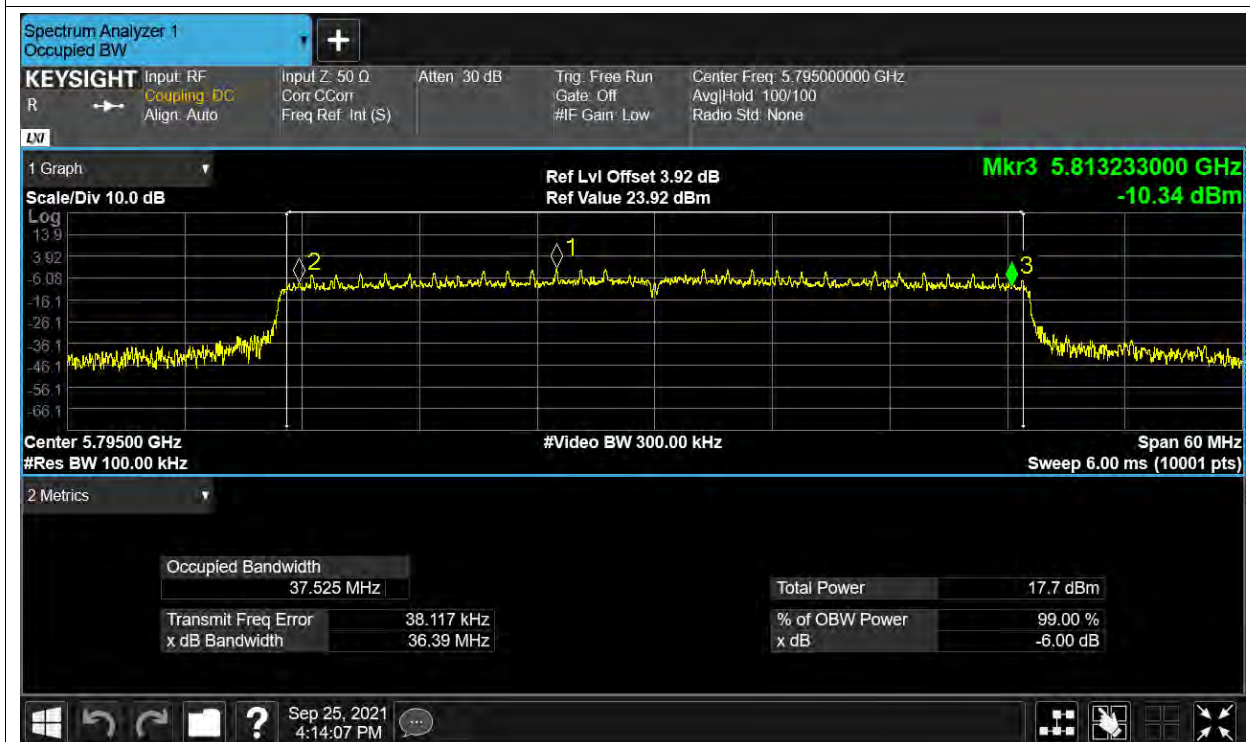
-6dB Bandwidth NVNT ax40 5755MHz ANT2



-6dB Bandwidth NVNT ax40 5795MHz ANT1



-6dB Bandwidth NVNT ax40 5795MHz ANT2



-6dB Bandwidth NVNT ax80 5775MHz ANT1



-6dB Bandwidth NVNT ax80 5775MHz ANT2



-6dB Bandwidth NVNT n20 5745MHz ANT1



-6dB Bandwidth NVNT n20 5745MHz ANT2



-6dB Bandwidth NVNT n20 5785MHz ANT1



-6dB Bandwidth NVNT n20 5785MHz ANT2



-6dB Bandwidth NVNT n20 5825MHz ANT1



-6dB Bandwidth NVNT n20 5825MHz ANT2



-6dB Bandwidth NVNT n40 5755MHz ANT1



-6dB Bandwidth NVNT n40 5755MHz ANT2



-6dB Bandwidth NVNT n40 5795MHz ANT1



-6dB Bandwidth NVNT n40 5795MHz ANT2



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	ANT1	16.56925681
NVNT	a	5785	ANT1	16.6280181
NVNT	a	5825	ANT1	16.58222
NVNT	a	5745	ANT2	16.68224824
NVNT	a	5785	ANT2	16.61293271
NVNT	a	5825	ANT2	16.55628068
NVNT	ac20	5745	ANT1	17.68898155
NVNT	ac20	5745	ANT2	17.67189559
NVNT	ac20	5785	ANT1	17.85934028
NVNT	ac20	5785	ANT2	17.70531973
NVNT	ac20	5825	ANT1	17.82379131
NVNT	ac20	5825	ANT2	17.69056142
NVNT	ac40	5755	ANT1	35.8399706
NVNT	ac40	5755	ANT2	35.92161125
NVNT	ac40	5795	ANT1	35.994893
NVNT	ac40	5795	ANT2	35.85649181
NVNT	ac80	5775	ANT1	75.81063023
NVNT	ac80	5775	ANT2	75.76872163
NVNT	ax20	5745	ANT1	18.82543798
NVNT	ax20	5745	ANT2	18.82495092
NVNT	ax20	5785	ANT1	18.82638693
NVNT	ax20	5785	ANT2	18.82606701
NVNT	ax20	5825	ANT1	18.84805539
NVNT	ax20	5825	ANT2	18.8393304
NVNT	ax40	5755	ANT1	37.56639086
NVNT	ax40	5755	ANT2	37.48300018
NVNT	ax40	5795	ANT1	37.52404914
NVNT	ax40	5795	ANT2	37.60621198
NVNT	ax80	5775	ANT1	76.86527013
NVNT	ax80	5775	ANT2	76.83844551
NVNT	n20	5745	ANT1	17.97230019
NVNT	n20	5745	ANT2	17.70101077
NVNT	n20	5785	ANT1	17.75987489
NVNT	n20	5785	ANT2	17.69175795
NVNT	n20	5825	ANT1	17.70477535
NVNT	n20	5825	ANT2	17.70001217
NVNT	n40	5755	ANT1	35.89620888
NVNT	n40	5755	ANT2	35.88349937
NVNT	n40	5795	ANT1	35.85334701

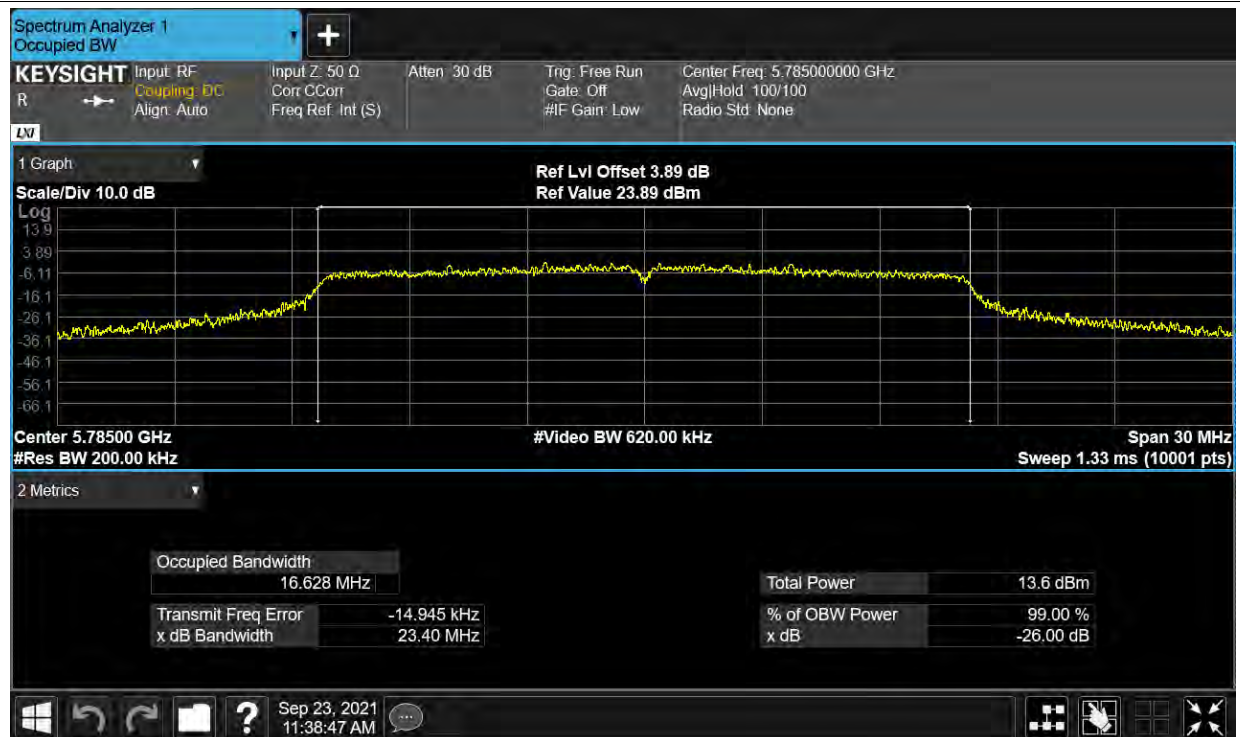
NVNT	n40	5795	ANT2	36.04804381
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Test Graphs

OBW NVNT a 5745MHz ANT1



OBW NVNT a 5785MHz ANT1



OBW NVNT a 5825MHz ANT1



OBW NVNT a 5745MHz ANT2



OBW NVNT a 5785MHz ANT2



OBW NVNT a 5825MHz ANT2



OBW NVNT ac20 5745MHz ANT1





OBW NVNT ac20 5785MHz ANT2



OBW NVNT ac20 5825MHz ANT1



OBW NVNT ac20 5825MHz ANT2



OBW NVNT ac40 5755MHz ANT1



OBW NVNT ac40 5755MHz ANT2



OBW NVNT ac40 5795MHz ANT1



OBW NVNT ac40 5795MHz ANT2



OBW NVNT ac80 5775MHz ANT1



OBW NVNT ac80 5775MHz ANT2



OBW NVNT ax20 5745MHz ANT1



OBW NVNT ax20 5745MHz ANT2



OBW NVNT ax20 5785MHz ANT1



OBW NVNT ax20 5785MHz ANT2



OBW NVNT ax20 5825MHz ANT1



OBW NVNT ax20 5825MHz ANT2



OBW NVNT ax40 5755MHz ANT1



OBW NVNT ax40 5755MHz ANT2



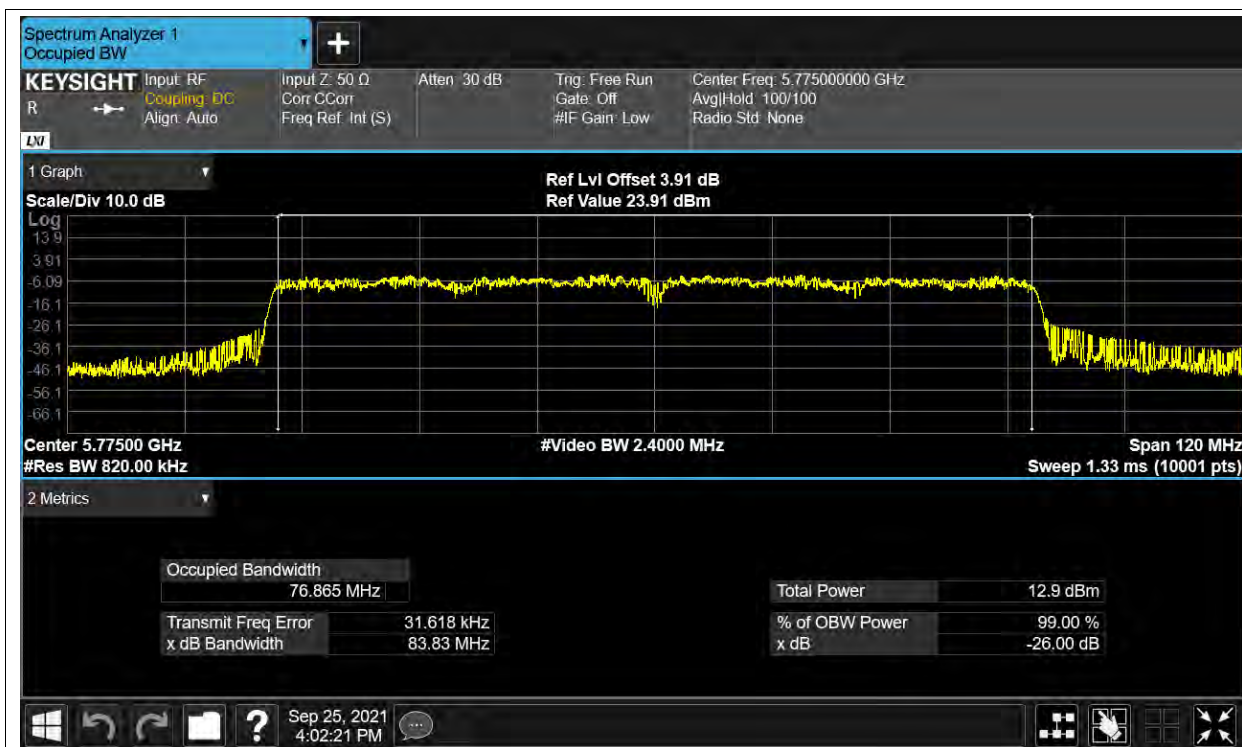
OBW NVNT ax40 5795MHz ANT1



OBW NVNT ax40 5795MHz ANT2



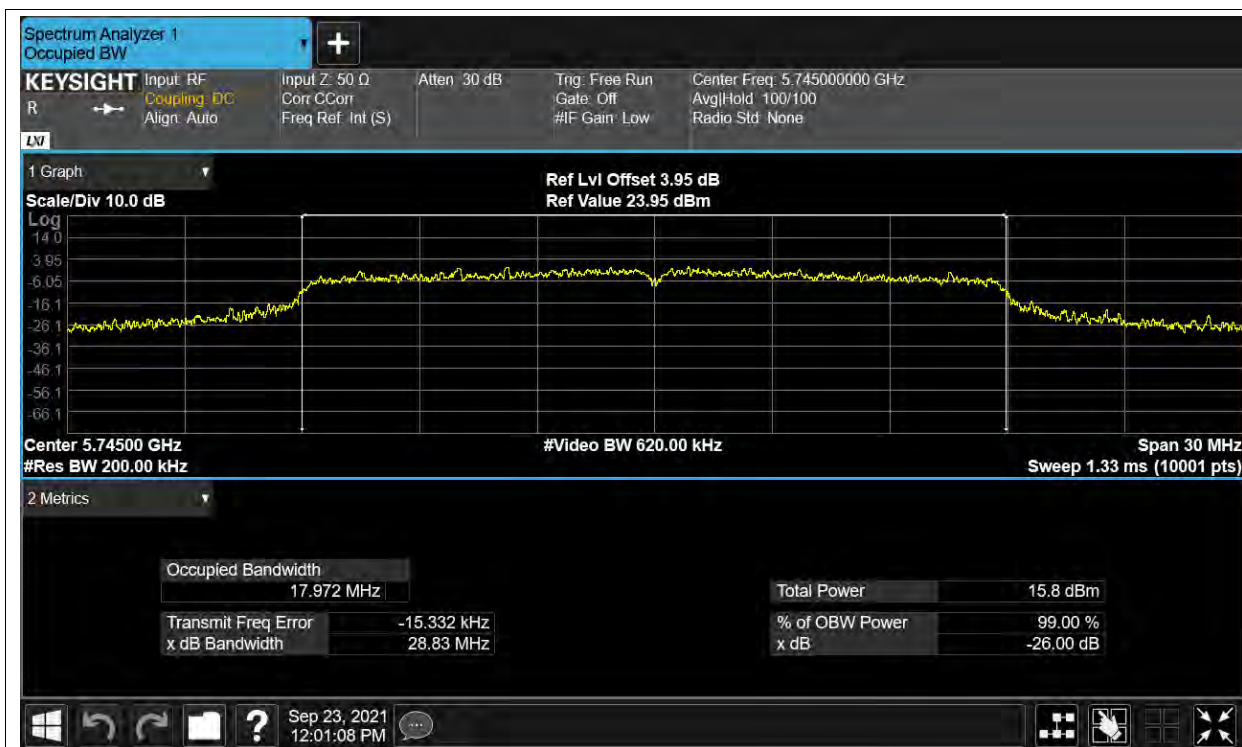
OBW NVNT ax80 5775MHz ANT1



OBW NVNT ax80 5775MHz ANT2



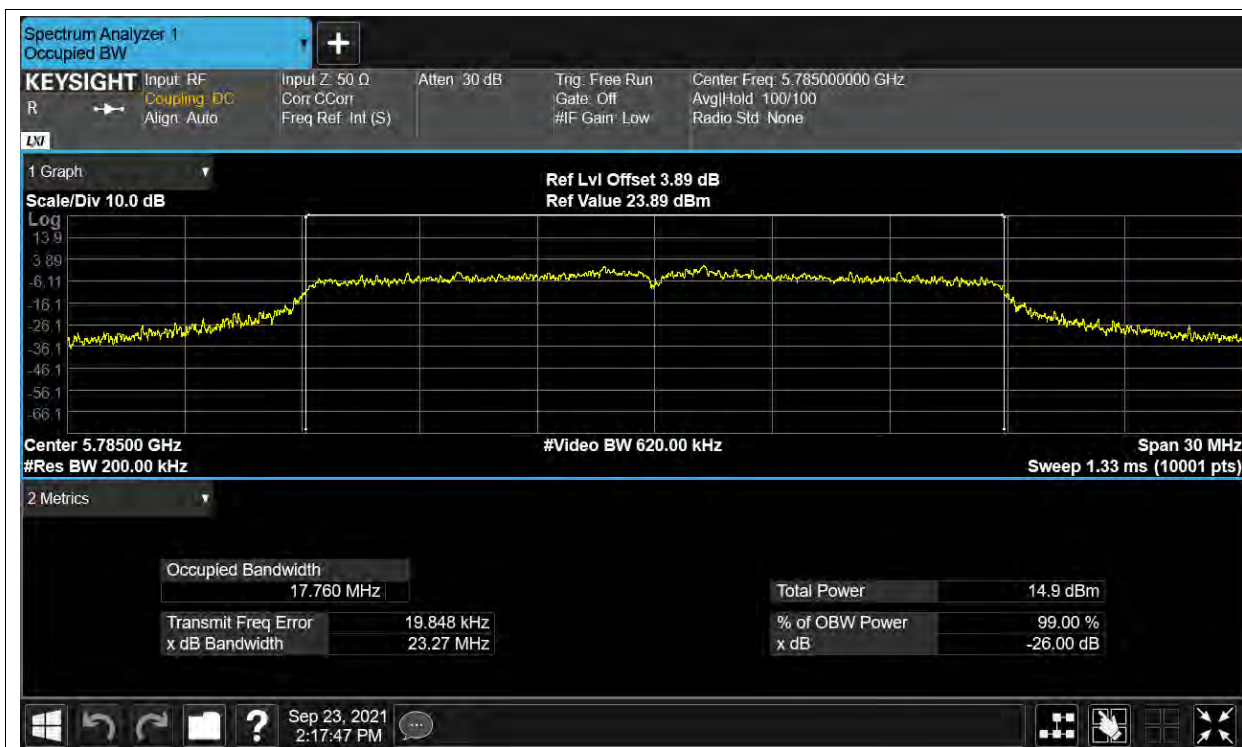
OBW NVNT n20 5745MHz ANT1



OBW NVNT n20 5745MHz ANT2



OBW NVNT n20 5785MHz ANT1



OBW NVNT n20 5785MHz ANT2



OBW NVNT n20 5825MHz ANT1



OBW NVNT n20 5825MHz ANT2



OBW NVNT n40 5755MHz ANT1



OBW NVNT n40 5755MHz ANT2



OBW NVNT n40 5795MHz ANT1



OBW NVNT n40 5795MHz ANT2



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Correction factor	Total Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	ANT1	-8.269	-0.086	-8.355	30	Pass
NVNT	a	5785	ANT1	-5.758	-0.086	-5.844	30	Pass
NVNT	a	5825	ANT1	-4.19	-0.086	-4.276	30	Pass
NVNT	a	5745	ANT2	0.258	-0.086	0.172	30	Pass
NVNT	a	5785	ANT2	-0.488	-0.086	-0.574	30	Pass
NVNT	a	5825	ANT2	-0.038	-0.086	-0.124	30	Pass
NVNT	ac20	5745	ANT1	-6.733	-0.086	-6.819	30	Pass
NVNT	ac20	5745	ANT2	-1.514	-0.086	-1.6	30	Pass
NVNT	ac20	5745	MIMO	-0.372	-0.086	-0.458	30	Pass
NVNT	ac20	5785	ANT1	-0.978	-0.086	-1.064	30	Pass
NVNT	ac20	5785	ANT2	-0.494	-0.086	-0.58	30	Pass
NVNT	ac20	5785	MIMO	2.281	-0.086	2.195	30	Pass
NVNT	ac20	5825	ANT1	0.262	-0.086	0.176	30	Pass
NVNT	ac20	5825	ANT2	-0.616	-0.086	-0.702	30	Pass
NVNT	ac20	5825	MIMO	2.855	-0.086	2.769	30	Pass
NVNT	ac40	5755	ANT1	-8.806	-0.086	-8.892	30	Pass
NVNT	ac40	5755	ANT2	-3.381	-0.086	-3.467	30	Pass
NVNT	ac40	5755	MIMO	-2.286	-0.086	-2.372	30	Pass
NVNT	ac40	5795	ANT1	-4.369	-0.086	-4.455	30	Pass
NVNT	ac40	5795	ANT2	-4.219	-0.086	-4.305	30	Pass
NVNT	ac40	5795	MIMO	-1.283	-0.086	-1.369	30	Pass
NVNT	ac80	5775	ANT1	-11.485	-0.086	-11.571	30	Pass
NVNT	ac80	5775	ANT2	-11.798	-0.086	-11.884	30	Pass
NVNT	ac80	5775	MIMO	-8.628	-0.086	-8.714	30	Pass
NVNT	ax20	5745	ANT1	-8.417	-0.086	-8.503	30	Pass
NVNT	ax20	5745	ANT2	-3.012	-0.086	-3.098	30	Pass
NVNT	ax20	5745	MIMO	-1.913	-0.086	-1.999	30	Pass
NVNT	ax20	5785	ANT1	-6.983	-0.086	-7.069	30	Pass
NVNT	ax20	5785	ANT2	-3.913	-0.086	-3.999	30	Pass
NVNT	ax20	5785	MIMO	-2.172	-0.086	-2.258	30	Pass
NVNT	ax20	5825	ANT1	-6.967	-0.086	-7.053	30	Pass
NVNT	ax20	5825	ANT2	-3.302	-0.086	-3.388	30	Pass
NVNT	ax20	5825	MIMO	-1.749	-0.086	-1.835	30	Pass
NVNT	ax40	5755	ANT1	-5.969	-0.086	-6.055	30	Pass
NVNT	ax40	5755	ANT2	-4.542	-0.086	-4.628	30	Pass
NVNT	ax40	5755	MIMO	-2.187	-0.086	-2.273	30	Pass
NVNT	ax40	5795	ANT1	-9.139	-0.086	-9.225	30	Pass

NVNT	ax40	5795	ANT2	-4.446	-0.086	-4.532	30	Pass
NVNT	ax40	5795	MIMO	-3.177	-0.086	-3.263	30	Pass
NVNT	ax80	5775	ANT1	-15.668	-0.086	-15.754	30	Pass
NVNT	ax80	5775	ANT2	-9.66	-0.086	-9.746	30	Pass
NVNT	ax80	5775	MIMO	-8.688	-0.086	-8.774	30	Pass
NVNT	n20	5745	ANT1	-4.163	-0.086	-4.249	30	Pass
NVNT	n20	5745	ANT2	-0.641	-0.086	-0.727	30	Pass
NVNT	n20	5745	MIMO	0.956	-0.086	0.87	30	Pass
NVNT	n20	5785	ANT1	-5.589	-0.086	-5.675	30	Pass
NVNT	n20	5785	ANT2	-1.305	-0.086	-1.391	30	Pass
NVNT	n20	5785	MIMO	0.071	-0.086	-0.015	30	Pass
NVNT	n20	5825	ANT1	-3.469	-0.086	-3.555	30	Pass
NVNT	n20	5825	ANT2	-0.533	-0.086	-0.619	30	Pass
NVNT	n20	5825	MIMO	1.253	-0.086	1.167	30	Pass
NVNT	n40	5755	ANT1	-4.852	-0.086	-4.938	30	Pass
NVNT	n40	5755	ANT2	-5.704	-0.086	-5.79	30	Pass
NVNT	n40	5755	MIMO	-2.247	-0.086	-2.333	30	Pass
NVNT	n40	5795	ANT1	-8.218	-0.086	-8.304	30	Pass
NVNT	n40	5795	ANT2	-3.992	-0.086	-4.078	30	Pass
NVNT	n40	5795	MIMO	-2.6	-0.086	-2.686	30	Pass

Remark: Final result showed in report was corrected by reading level showed in test plots + correction factor.

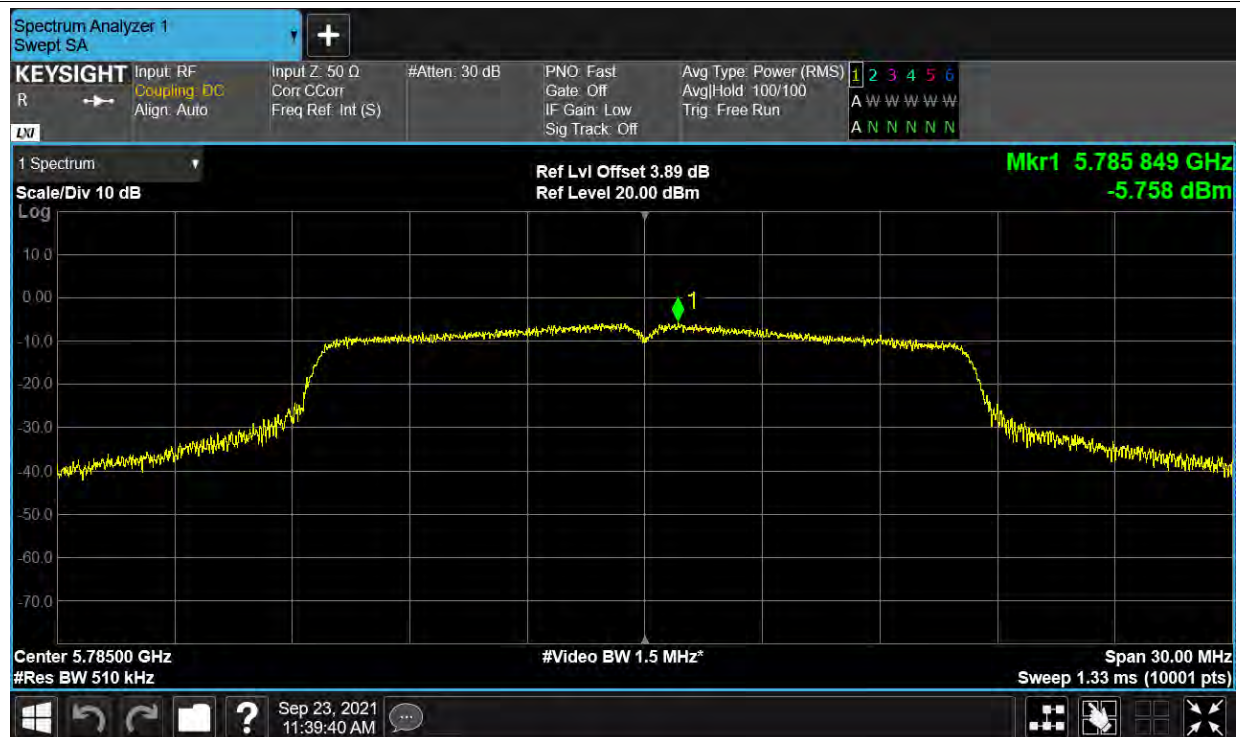
Correction factor = $10 \log (500 \text{ kHz}_{\text{Reference}} / 510 \text{ KHz}_{\text{Measured}}) = -0.086$

Test Graphs

PSD NVNT a 5745MHz ANT1



PSD NVNT a 5785MHz ANT1



PSD NVNT a 5825MHz ANT1



PSD NVNT a 5745MHz ANT2



PSD NVNT a 5785MHz ANT2



PSD NVNT a 5825MHz ANT2



PSD NVNT ac20 5745MHz ANT1



PSD NVNT ac20 5745MHz ANT2



PSD NVNT ac20 5785MHz ANT1



PSD NVNT ac20 5785MHz ANT2



PSD NVNT ac20 5825MHz ANT1



PSD NVNT ac20 5825MHz ANT2



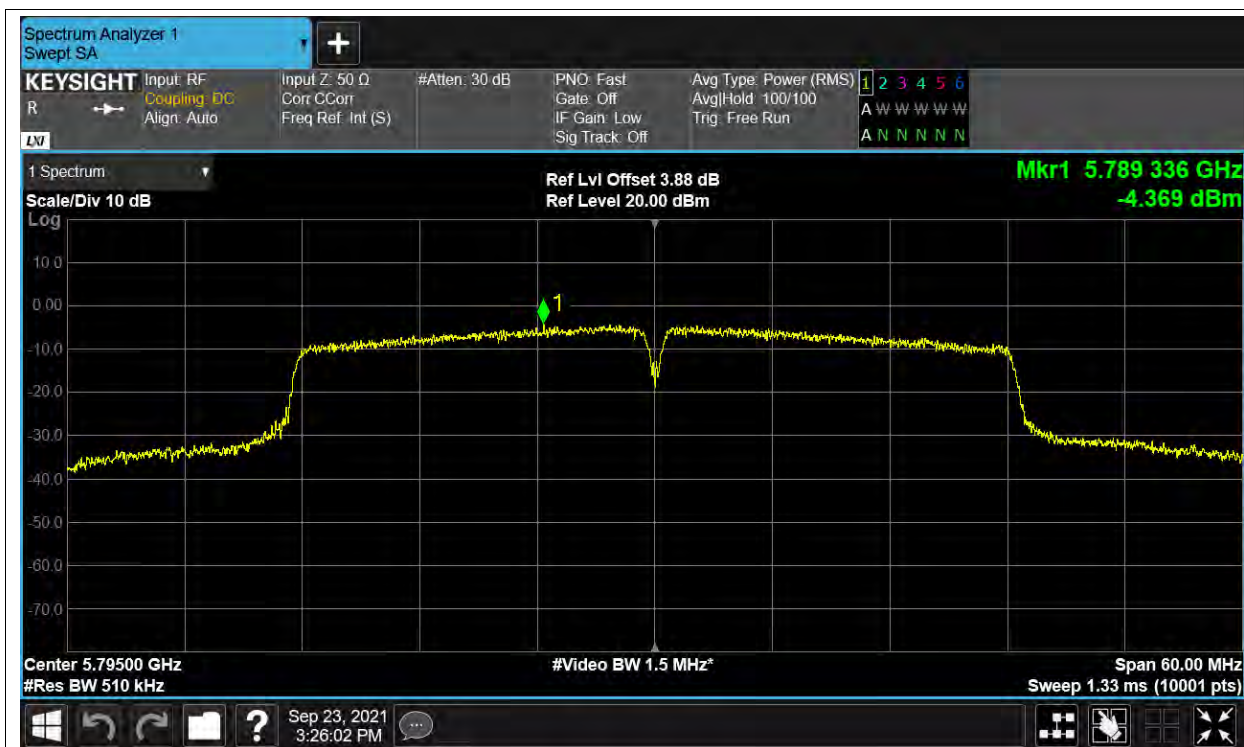
PSD NVNT ac40 5755MHz ANT1



PSD NVNT ac40 5755MHz ANT2



PSD NVNT ac40 5795MHz ANT1



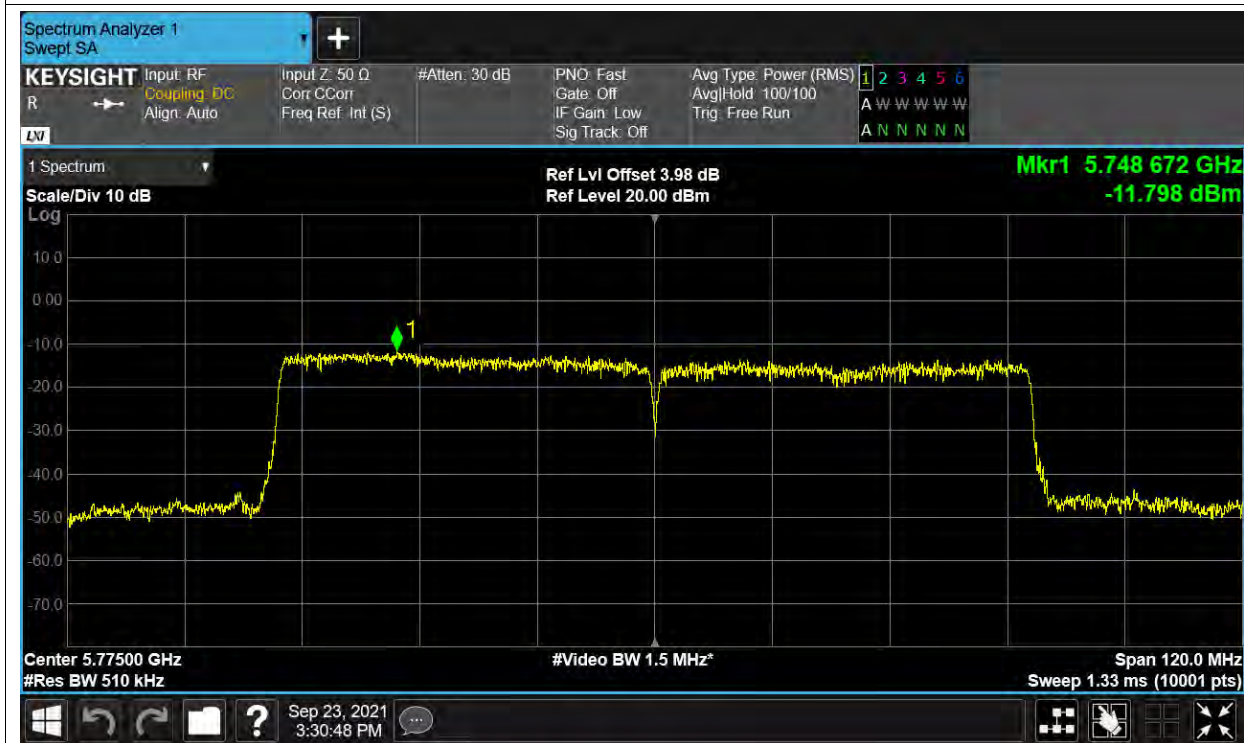
PSD NVNT ac40 5795MHz ANT2



PSD NVNT ac80 5775MHz ANT1



PSD NVNT ac80 5775MHz ANT2



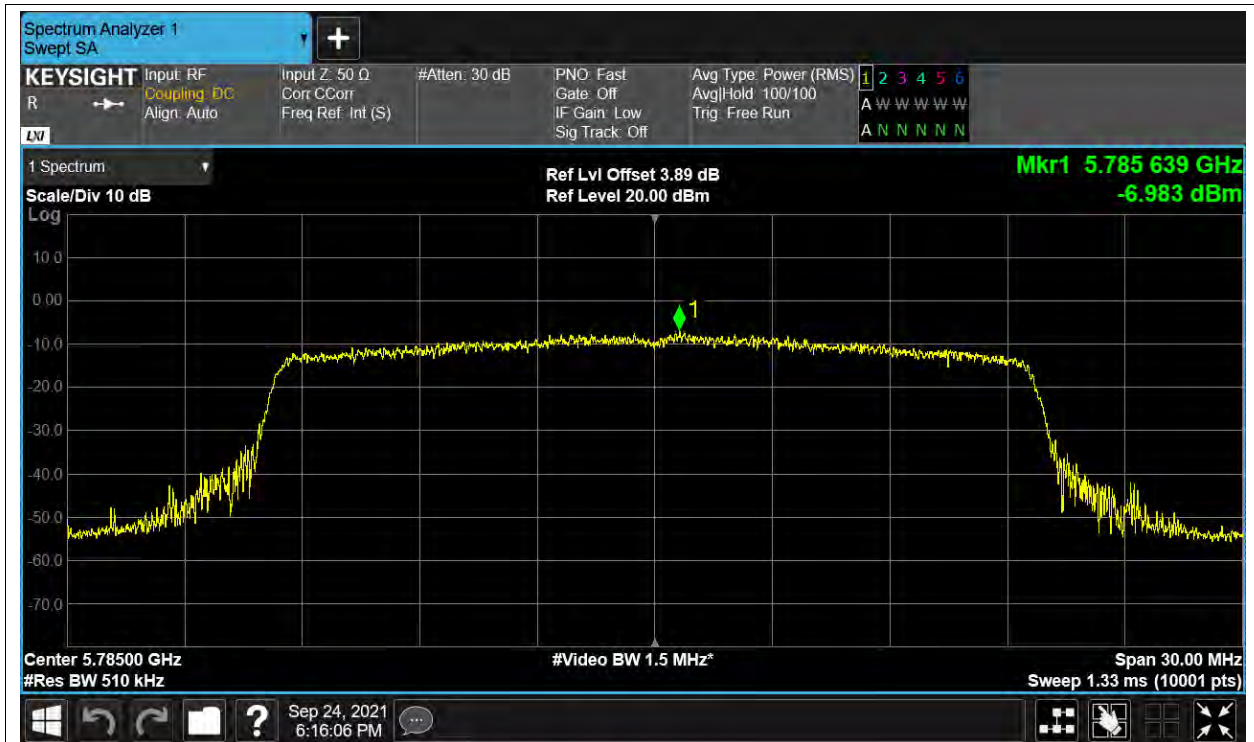
PSD NVNT ax20 5745MHz ANT1



PSD NVNT ax20 5745MHz ANT2



PSD NVNT ax20 5785MHz ANT1



PSD NVNT ax20 5785MHz ANT2



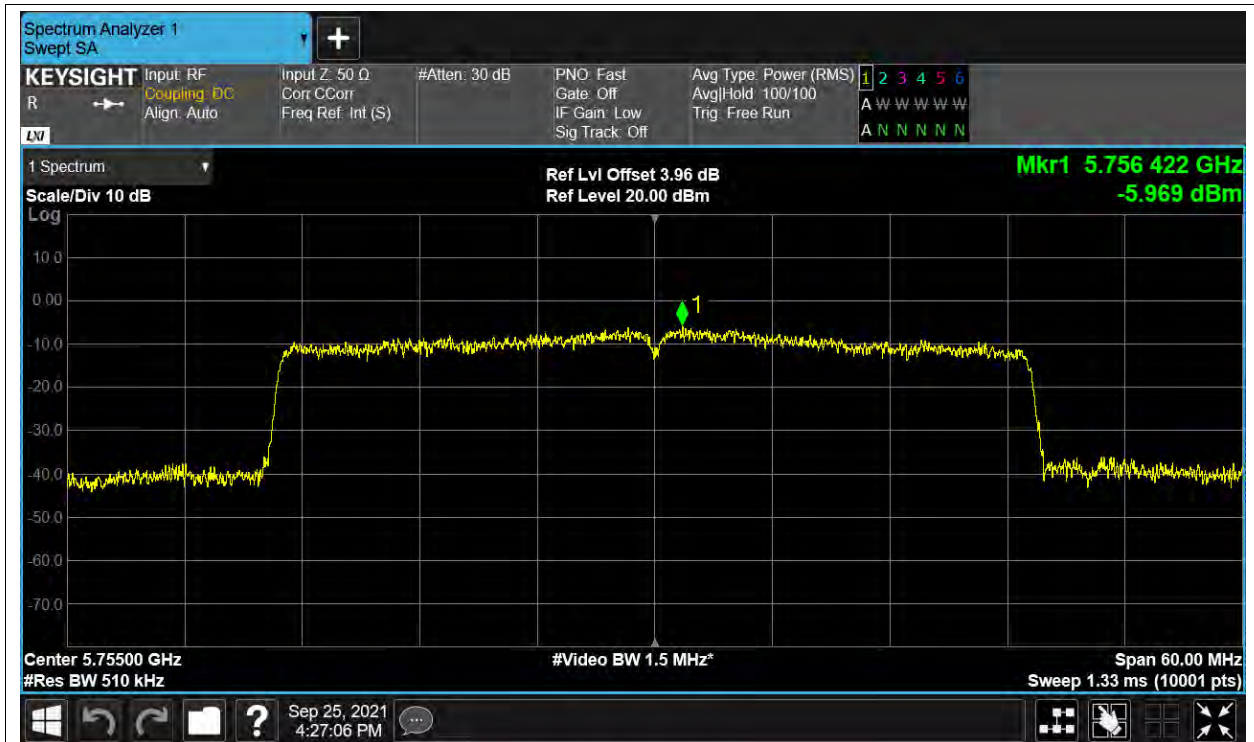
PSD NVNT ax20 5825MHz ANT1



PSD NVNT ax20 5825MHz ANT2



PSD NVNT ax40 5755MHz ANT1



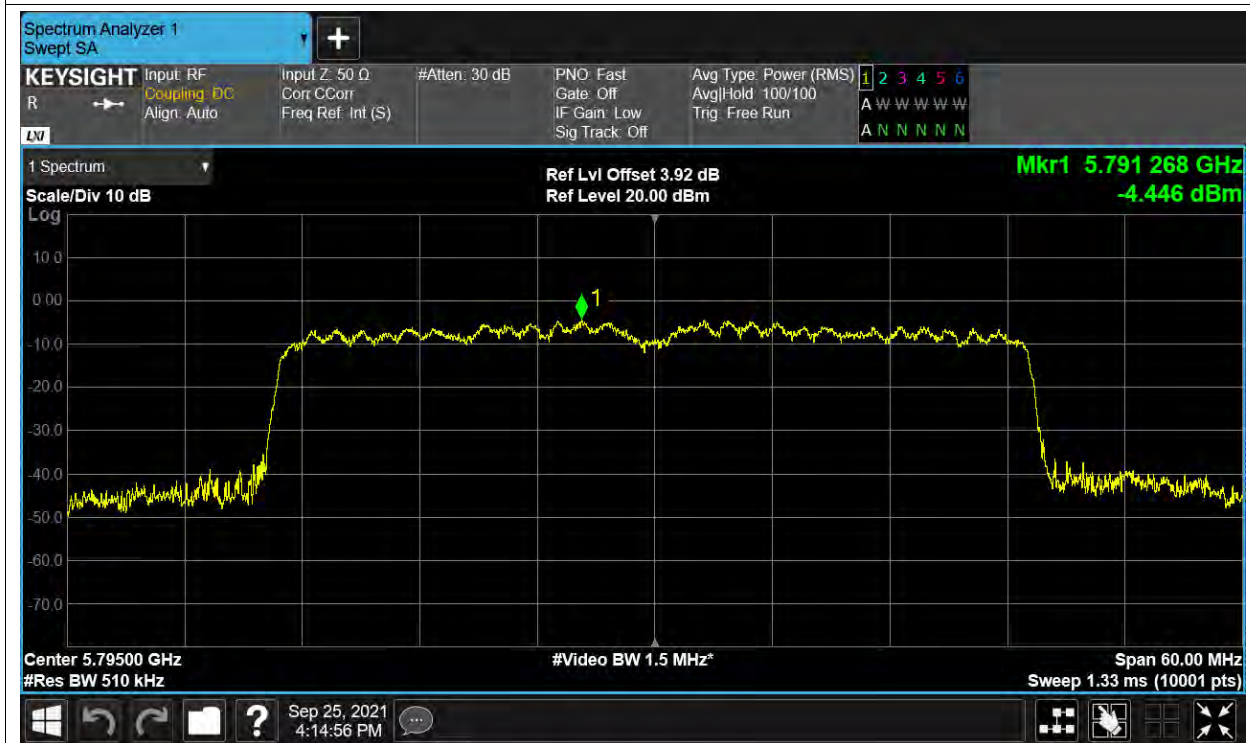
PSD NVNT ax40 5755MHz ANT2



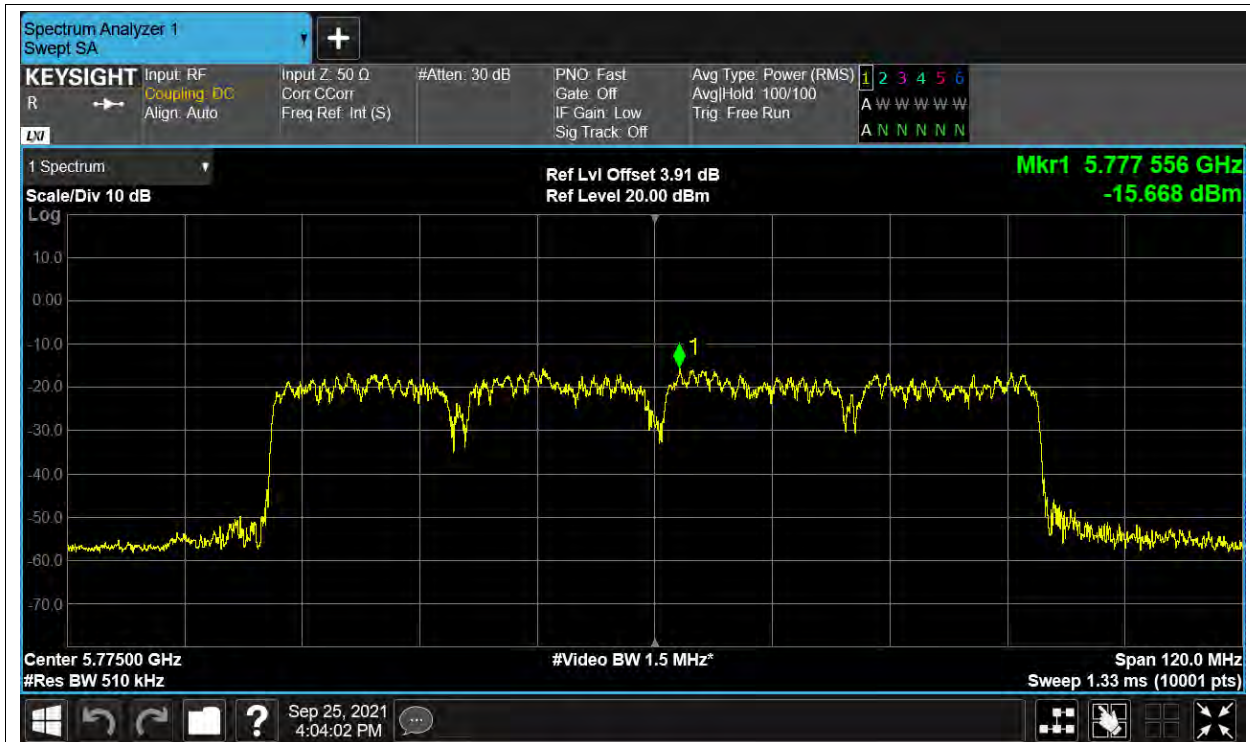
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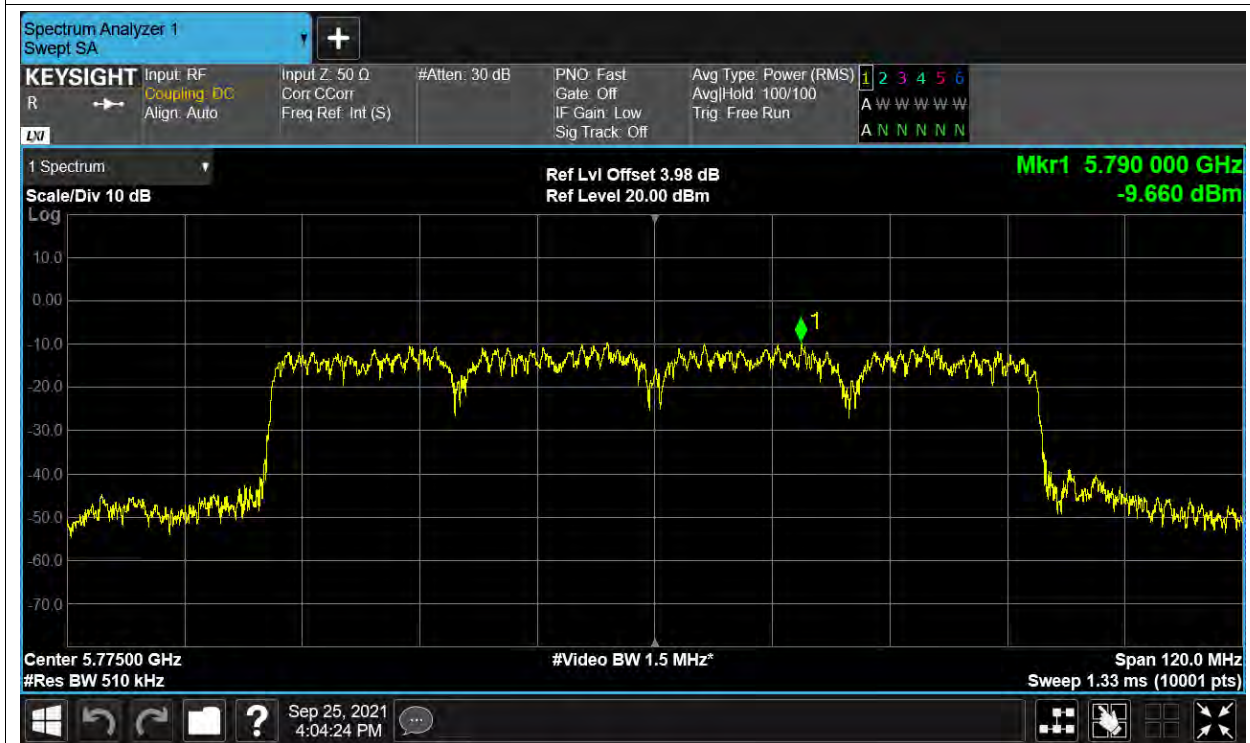
PSD NVNT ax40 5795MHz ANT2



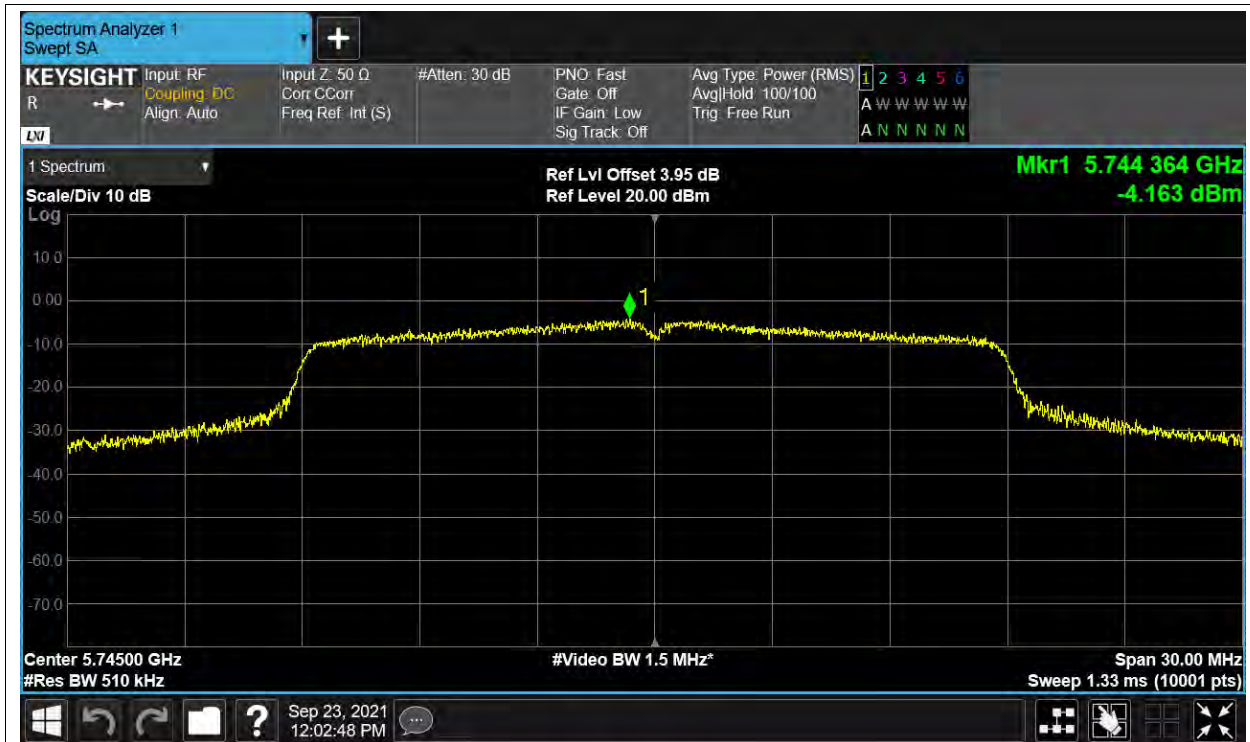
PSD NVNT ax80 5775MHz ANT1



PSD NVNT ax80 5775MHz ANT2



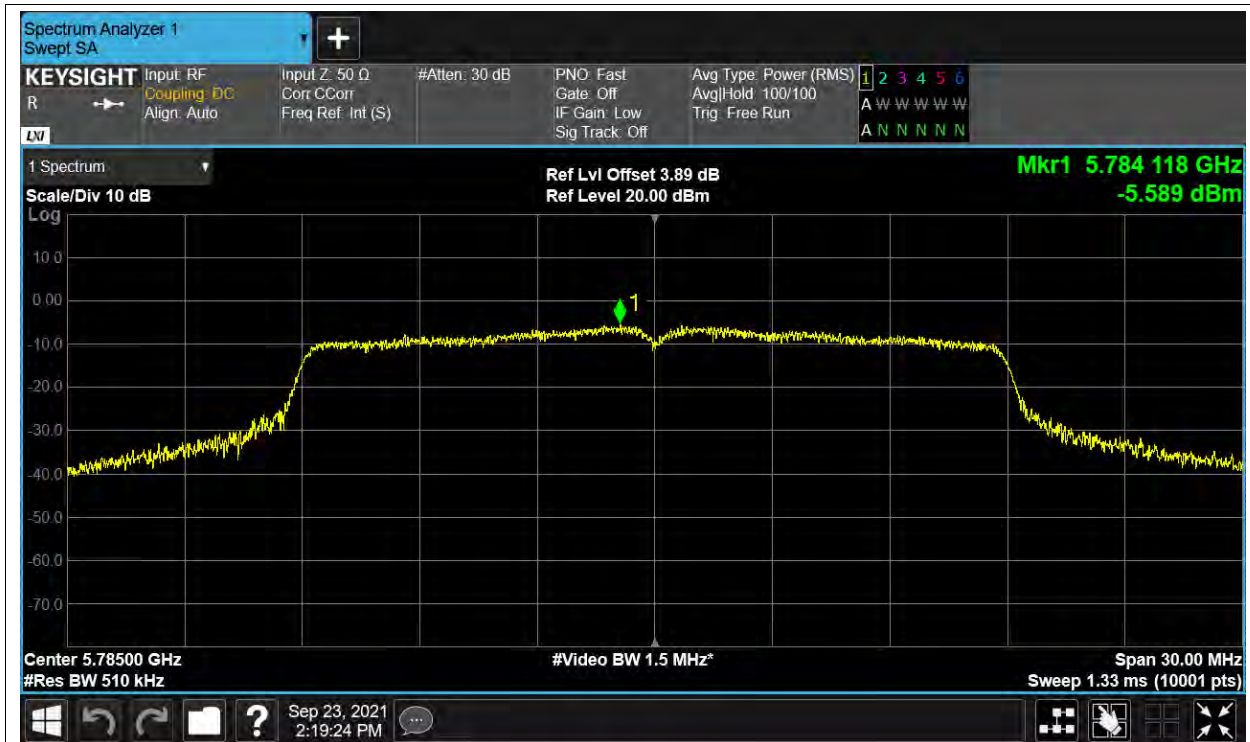
PSD NVNT n20 5745MHz ANT1



PSD NVNT n20 5745MHz ANT2



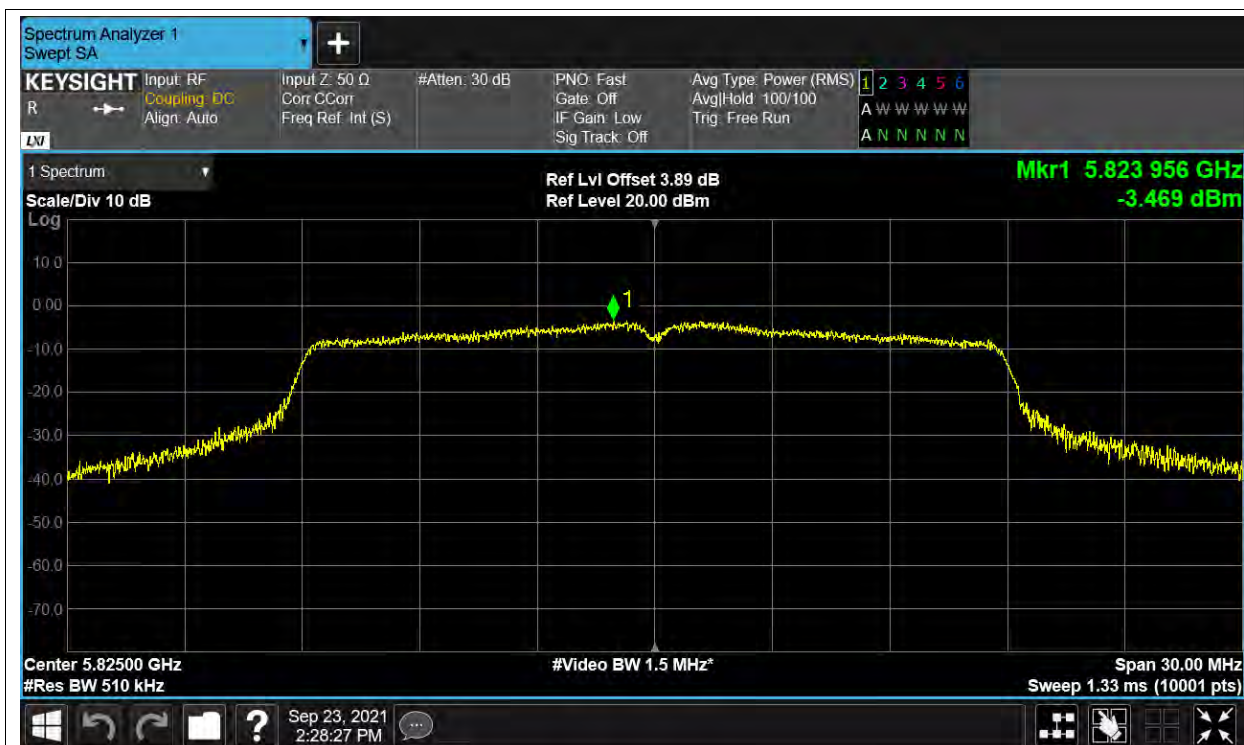
PSD NVNT n20 5785MHz ANT1



PSD NVNT n20 5785MHz ANT2



PSD NVNT n20 5825MHz ANT1



PSD NVNT n20 5825MHz ANT2



PSD NVNT n40 5755MHz ANT1



PSD NVNT n40 5755MHz ANT2



PSD NVNT n40 5795MHz ANT1



PSD NVNT n40 5795MHz ANT2

