



Appendix E

RF Test Data for 5.3GWIFI(Conducted Measurement)

Product Name: 06 Bay Smart Locker

Test Model: TSHL-06BA

Environmental Conditions	
Temperature:	24.5° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Can Kun





E.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	28.05
NVNT	a	5280	Ant1	28.31
NVNT	a	5320	Ant1	28.08
NVNT	n20	5260	Ant1	29.3
NVNT	n20	5280	Ant1	29.78
NVNT	n20	5320	Ant1	29.42
NVNT	n40	5270	Ant1	46.57
NVNT	n40	5310	Ant1	51.91
NVNT	ac20	5260	Ant1	29.6
NVNT	ac20	5280	Ant1	28.59
NVNT	ac20	5320	Ant1	29
NVNT	ac40	5270	Ant1	44.44
NVNT	ac40	5310	Ant1	50.9
NVNT	ac80	5290	Ant1	89.51

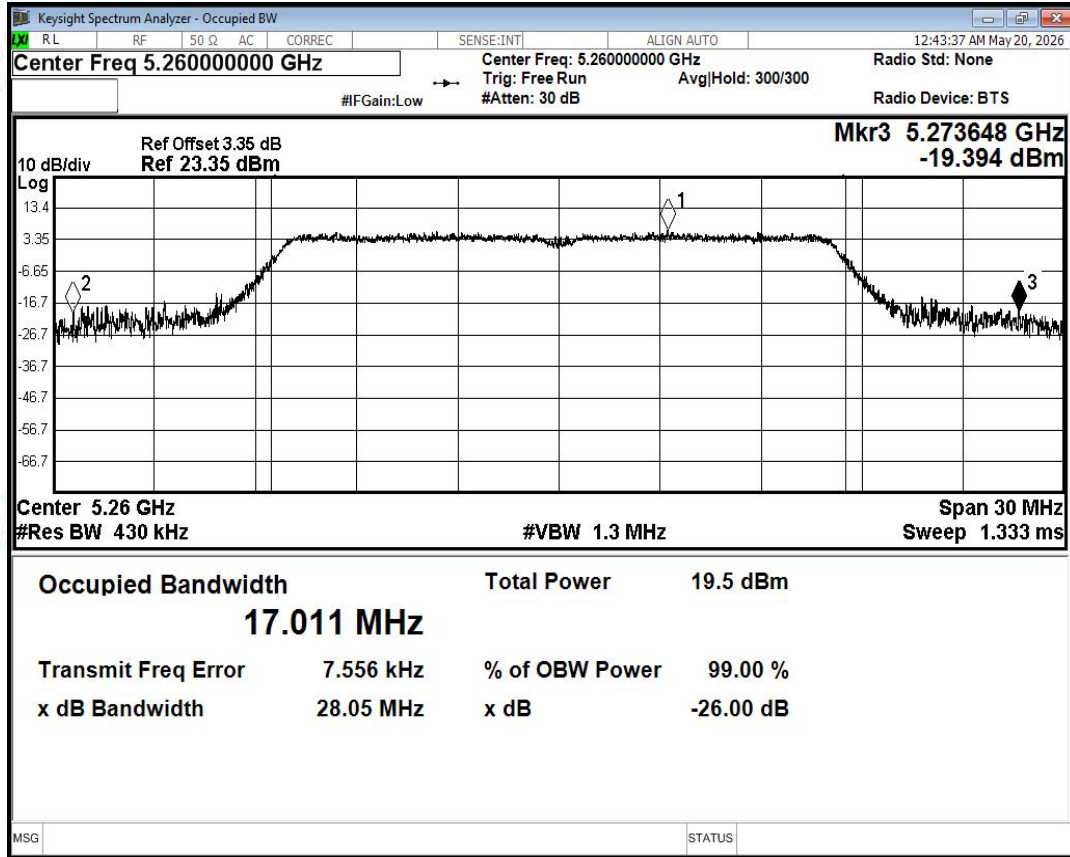


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-26dB Bandwidth NVNT a 5260MHz Ant1

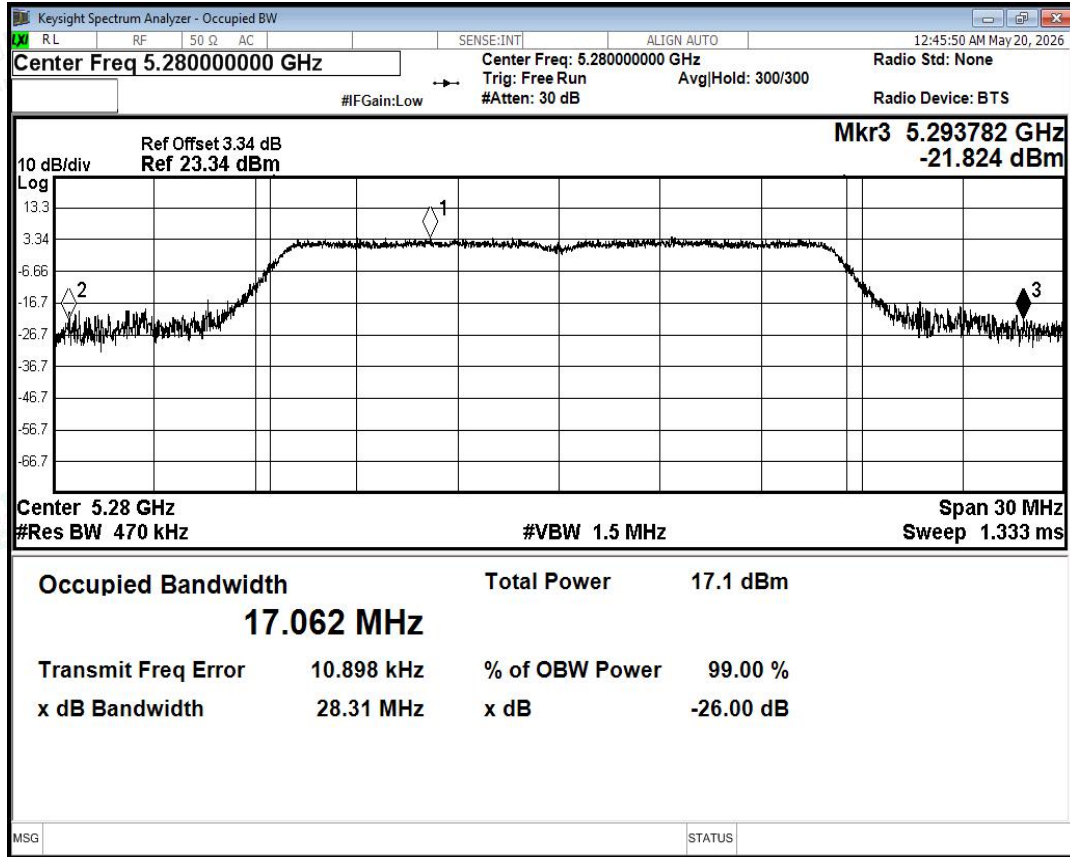


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-26dB Bandwidth NVNT a 5280MHz Ant1

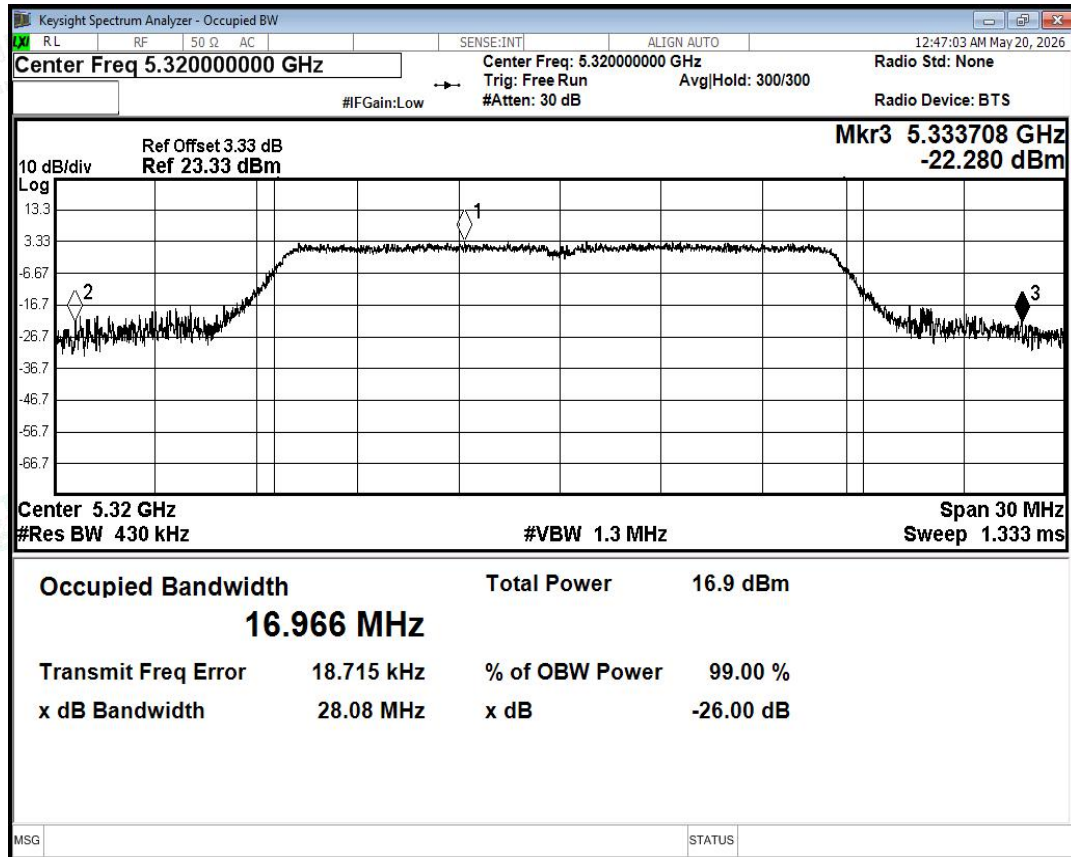


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-26dB Bandwidth NVNT a 5320MHz Ant1

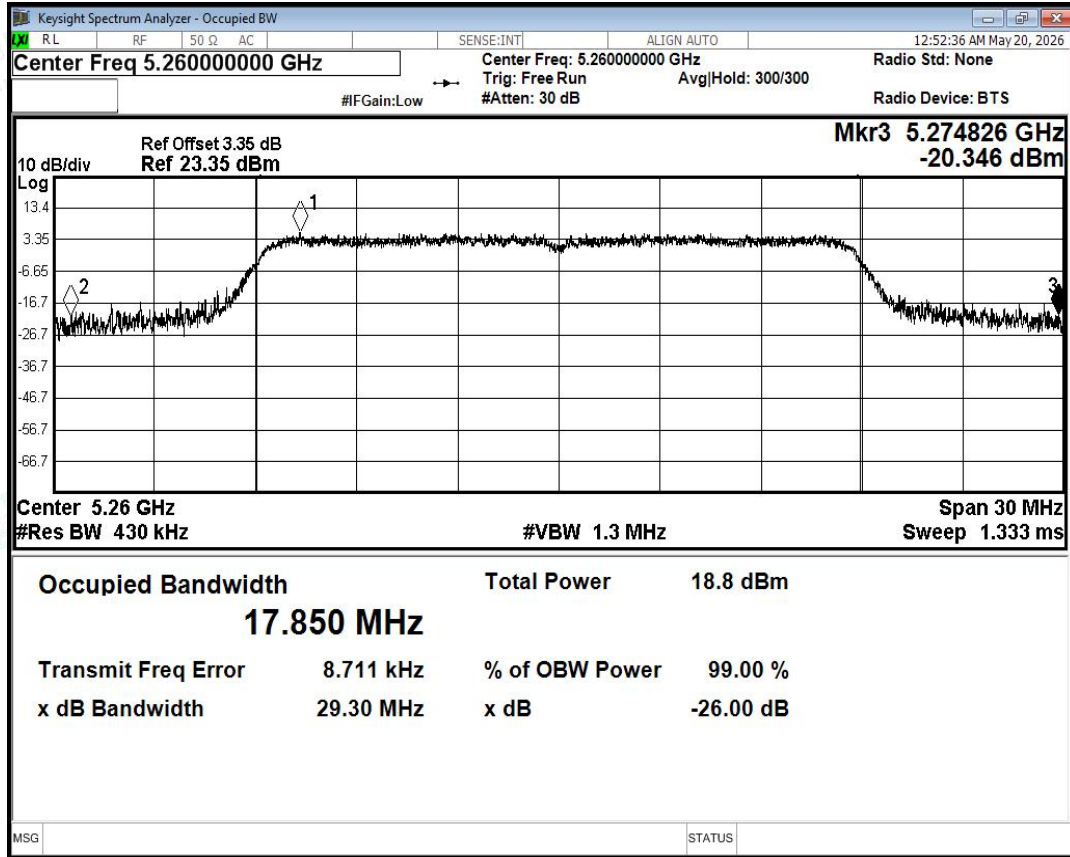


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-26dB Bandwidth NVNT n20 5260MHz Ant1

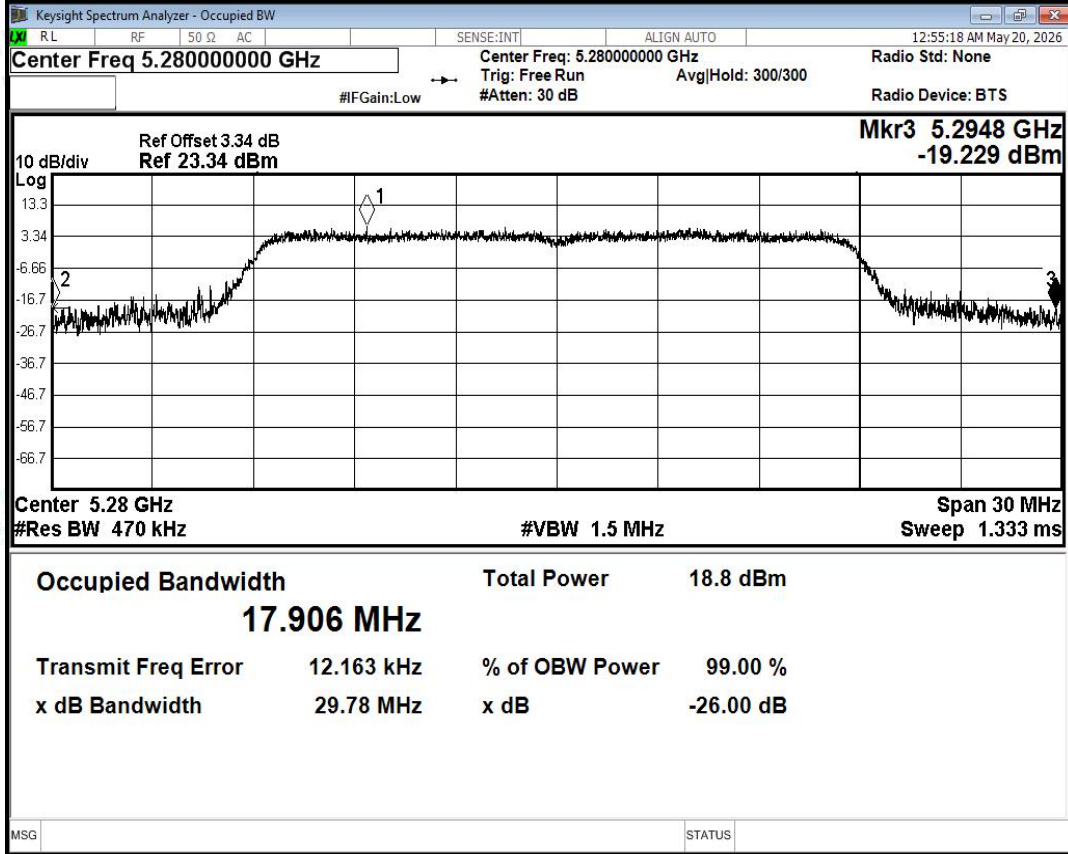


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-26dB Bandwidth NVNT n20 5280MHz Ant1

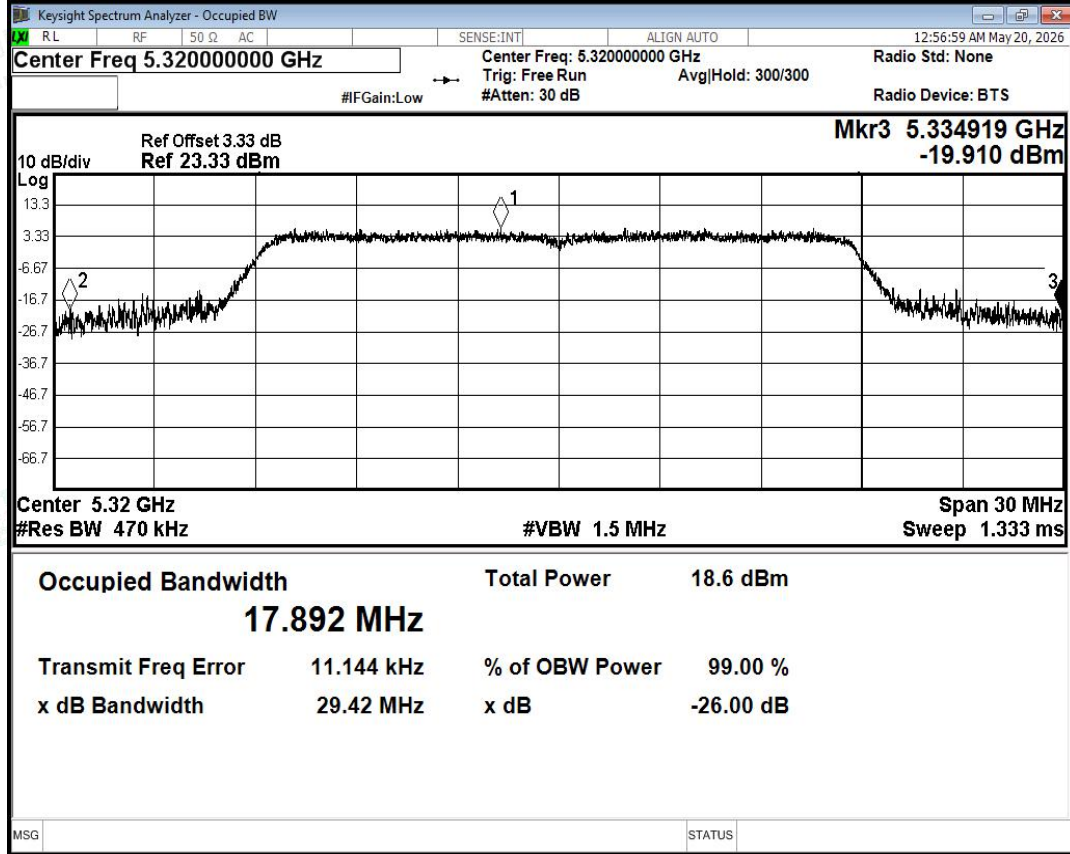


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-26dB Bandwidth NVNT n20 5320MHz Ant1

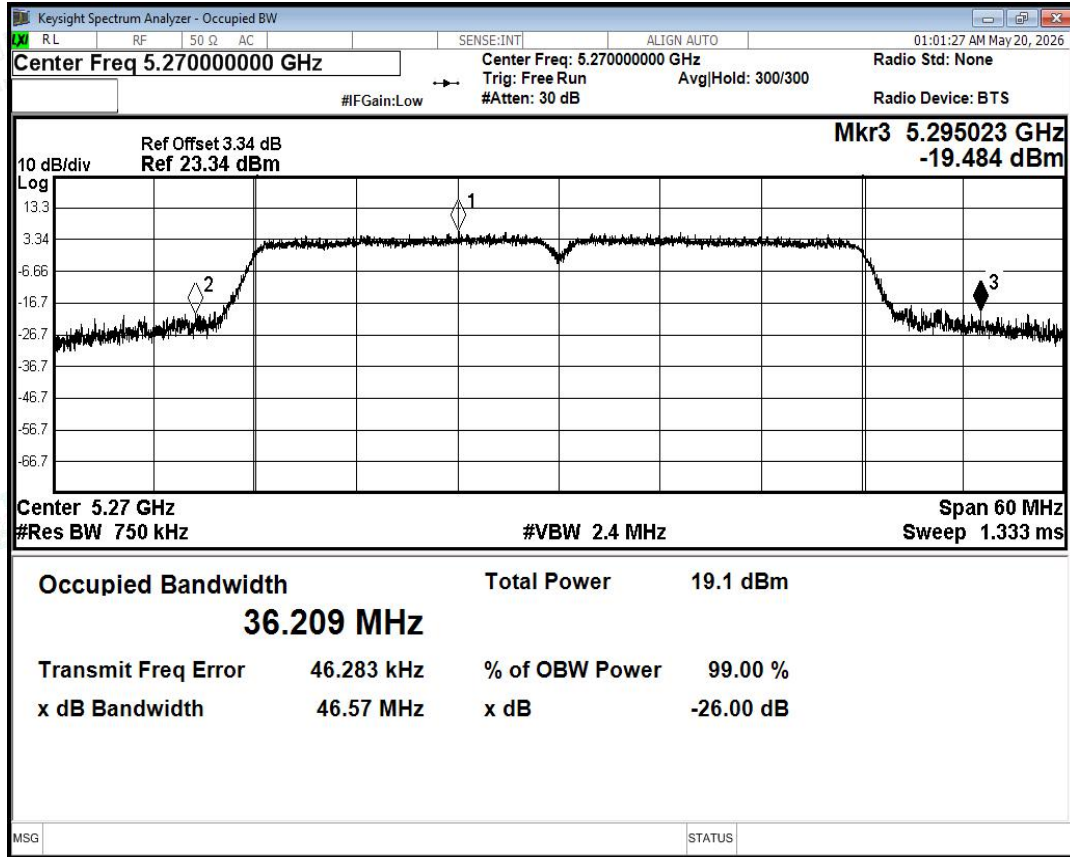


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-26dB Bandwidth NVNT n40 5270MHz Ant1

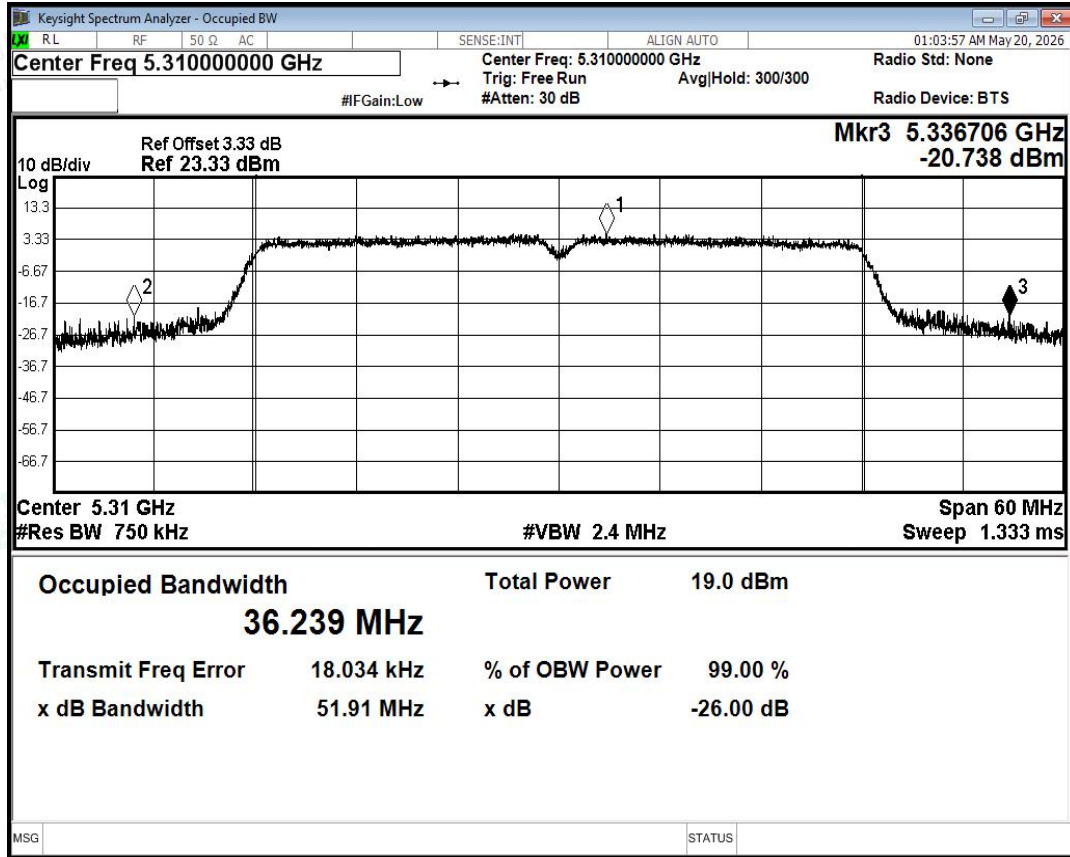


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-26dB Bandwidth NVNT n40 5310MHz Ant1

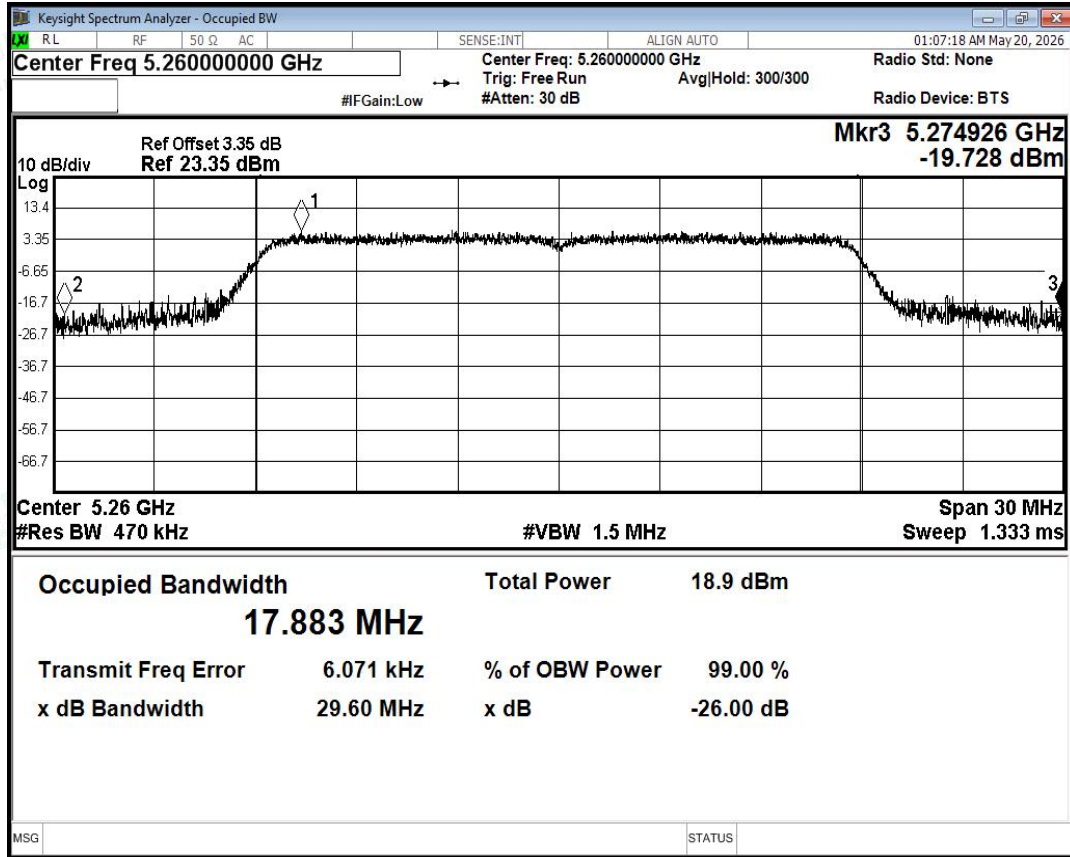


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-26dB Bandwidth NVNT ac20 5260MHz Ant1

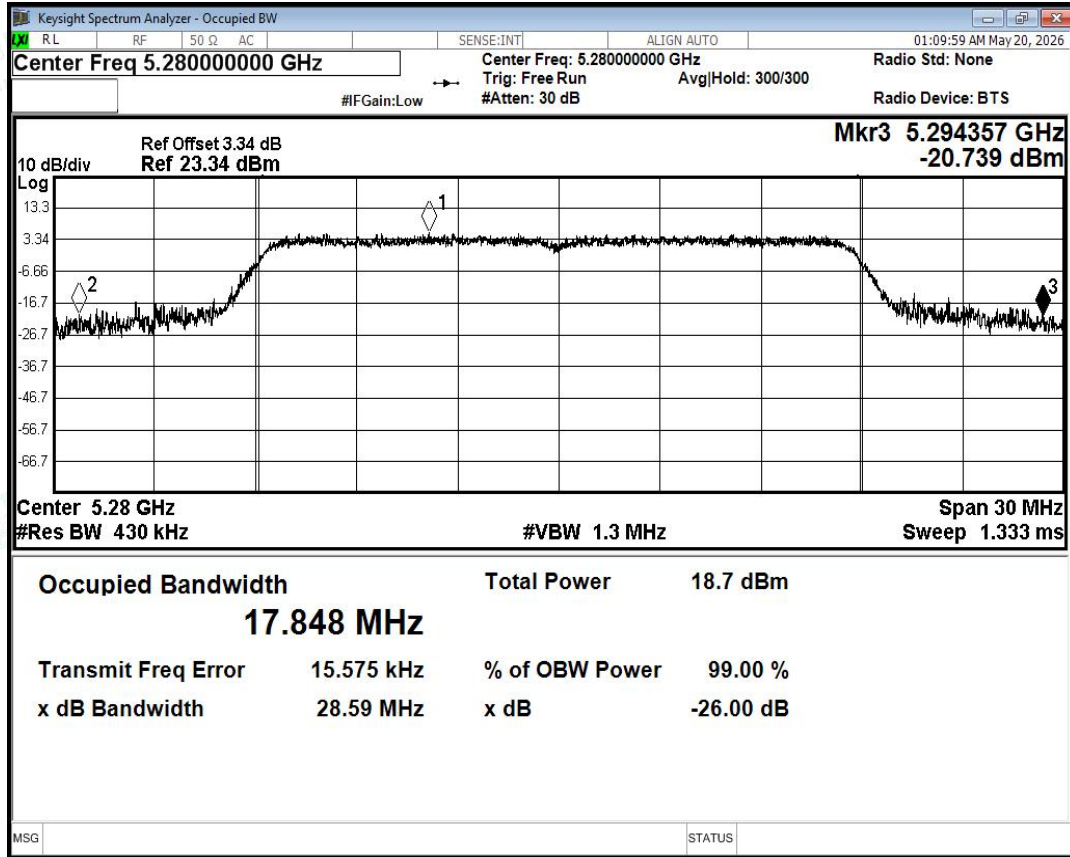


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-26dB Bandwidth NVNT ac20 5280MHz Ant1

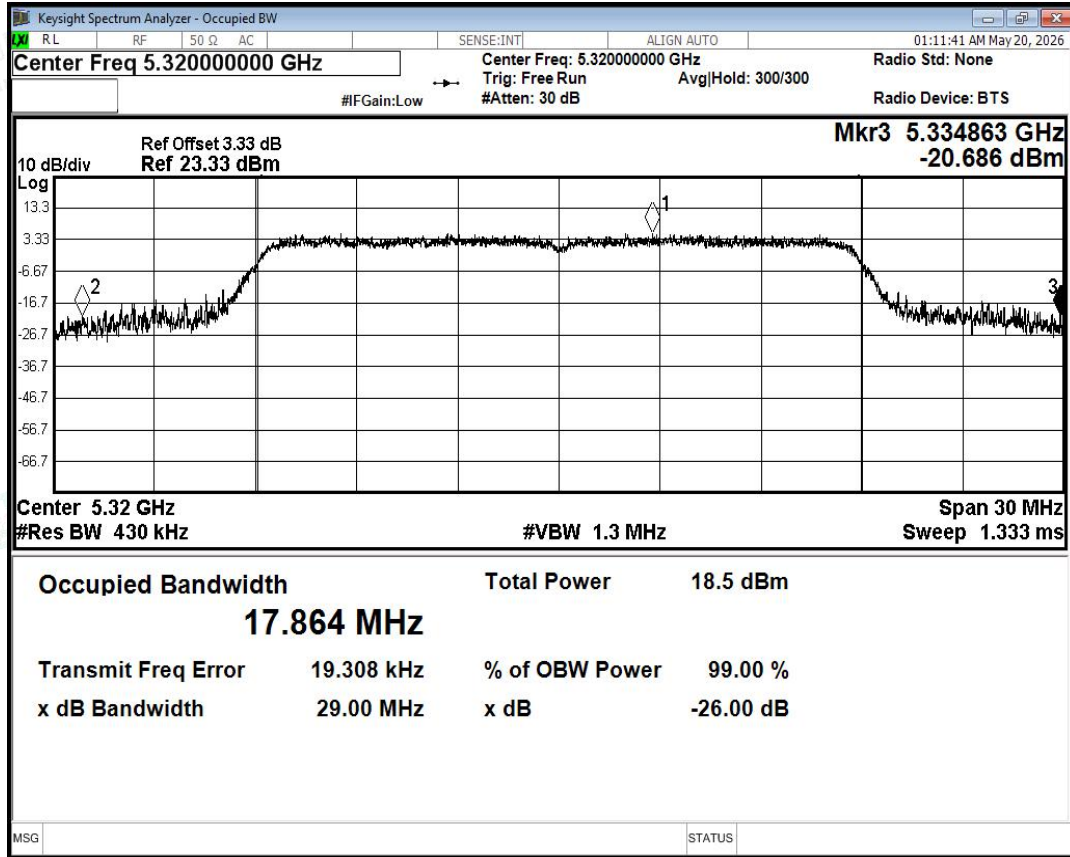


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-26dB Bandwidth NVNT ac20 5320MHz Ant1

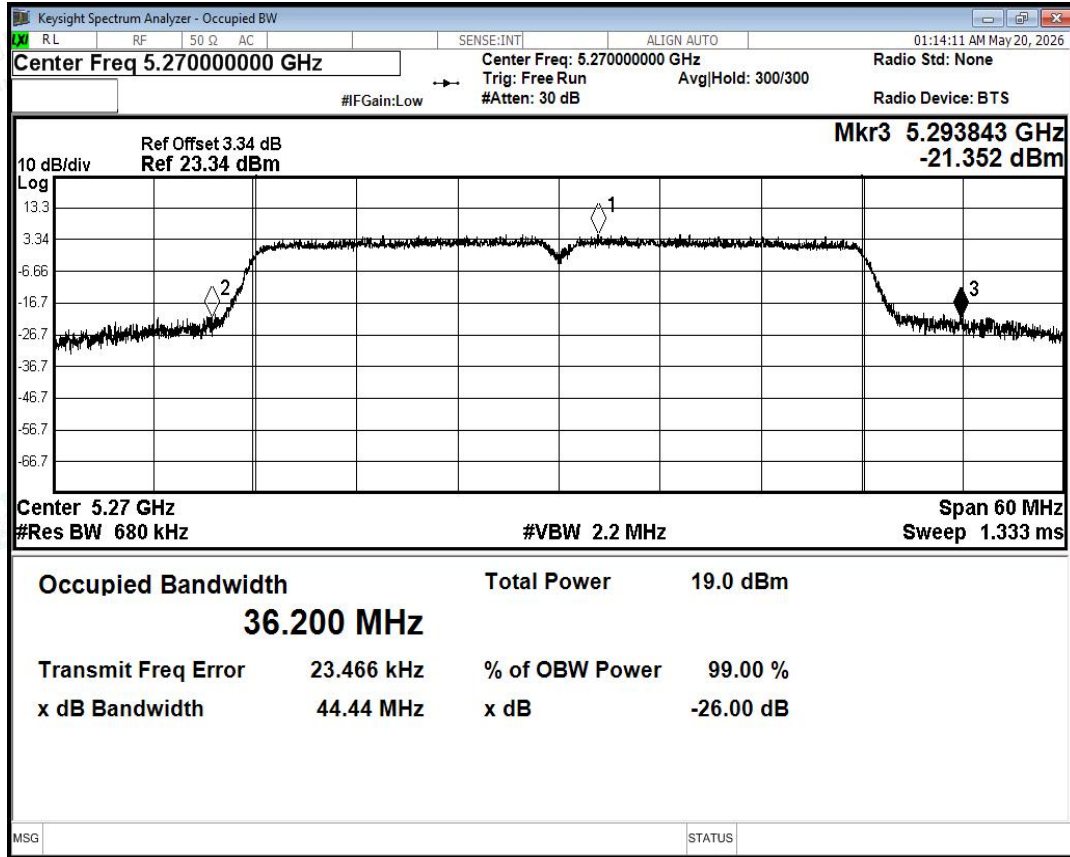


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-26dB Bandwidth NVNT ac40 5270MHz Ant1

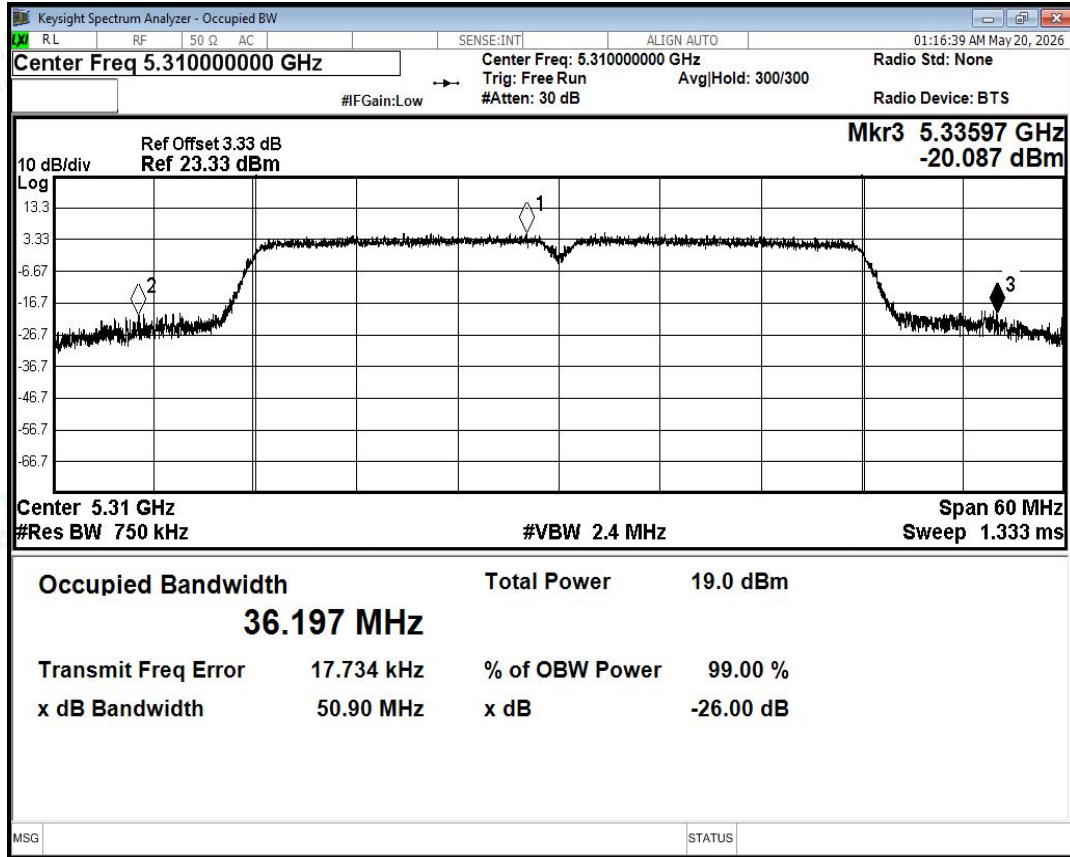


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-26dB Bandwidth NVNT ac40 5310MHz Ant1

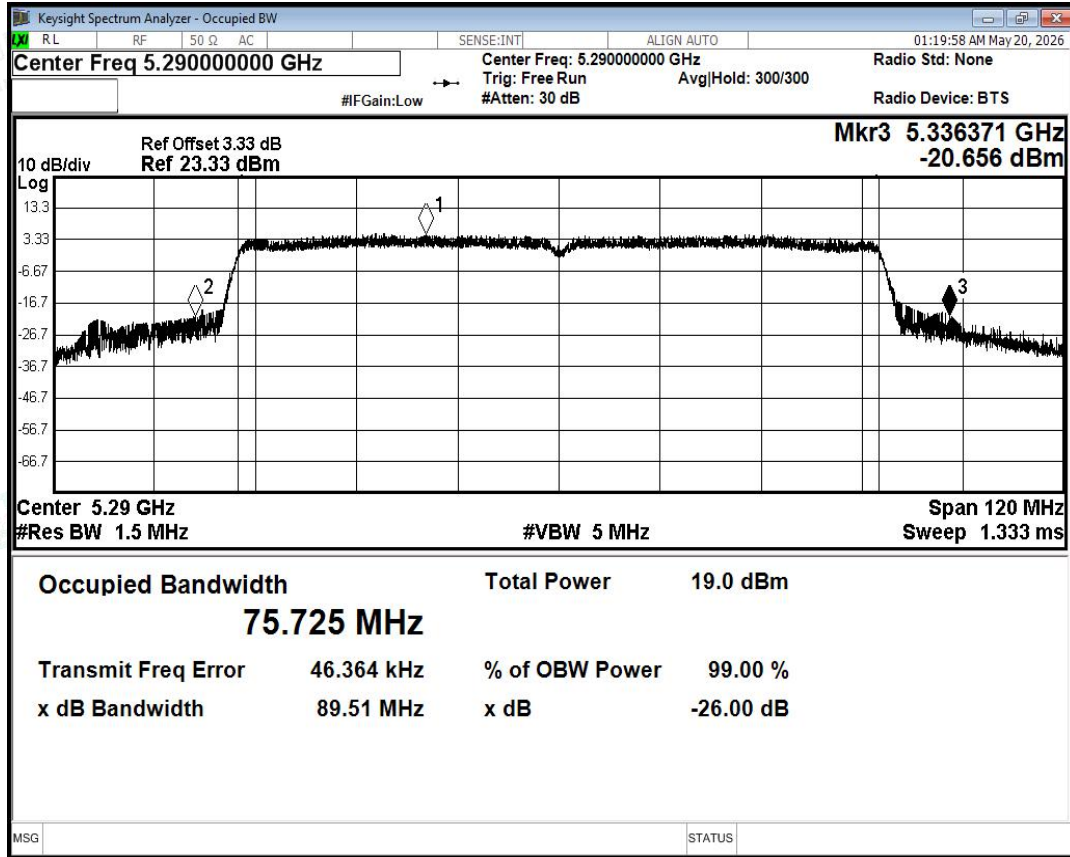


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-26dB Bandwidth NVNT ac80 5290MHz Ant1



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E.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	a	5260	Ant1	13.16	0.18	13.34	24	Pass
NVNT	a	5280	Ant1	10.77	0.18	10.95	24	Pass
NVNT	a	5320	Ant1	12.47	0.21	12.68	24	Pass
NVNT	n20	5260	Ant1	12.06	0.22	12.28	24	Pass
NVNT	n20	5280	Ant1	12	0.25	12.25	24	Pass
NVNT	n20	5320	Ant1	11.77	0.22	11.99	24	Pass
NVNT	n40	5270	Ant1	11.76	0.42	12.18	24	Pass
NVNT	n40	5310	Ant1	11.64	0.42	12.06	24	Pass
NVNT	ac20	5260	Ant1	12.1	0.21	12.31	24	Pass
NVNT	ac20	5280	Ant1	12.07	0.21	12.28	24	Pass
NVNT	ac20	5320	Ant1	11.85	0.21	12.06	24	Pass
NVNT	ac40	5270	Ant1	11.83	0.49	12.32	24	Pass
NVNT	ac40	5310	Ant1	11.61	0.42	12.03	24	Pass
NVNT	ac80	5290	Ant1	10.66	0.94	11.6	24	Pass



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E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	1.84	0	1.84	11	Pass
NVNT	a	5280	Ant1	-0.53	0	-0.53	11	Pass
NVNT	a	5320	Ant1	1.17	0.21	1.38	11	Pass
NVNT	n20	5260	Ant1	0.68	0.22	0.9	11	Pass
NVNT	n20	5280	Ant1	0.56	0.25	0.81	11	Pass
NVNT	n20	5320	Ant1	0.35	0.22	0.57	11	Pass
NVNT	n40	5270	Ant1	-2.66	0.42	-2.24	11	Pass
NVNT	n40	5310	Ant1	-2.75	0.42	-2.33	11	Pass
NVNT	ac20	5260	Ant1	0.6	0.21	0.81	11	Pass
NVNT	ac20	5280	Ant1	0.6	0.21	0.81	11	Pass
NVNT	ac20	5320	Ant1	0.42	0.21	0.63	11	Pass
NVNT	ac40	5270	Ant1	-2.63	0.49	-2.13	11	Pass
NVNT	ac40	5310	Ant1	-2.76	0.42	-2.34	11	Pass
NVNT	ac80	5290	Ant1	-7	0.94	-6.06	11	Pass

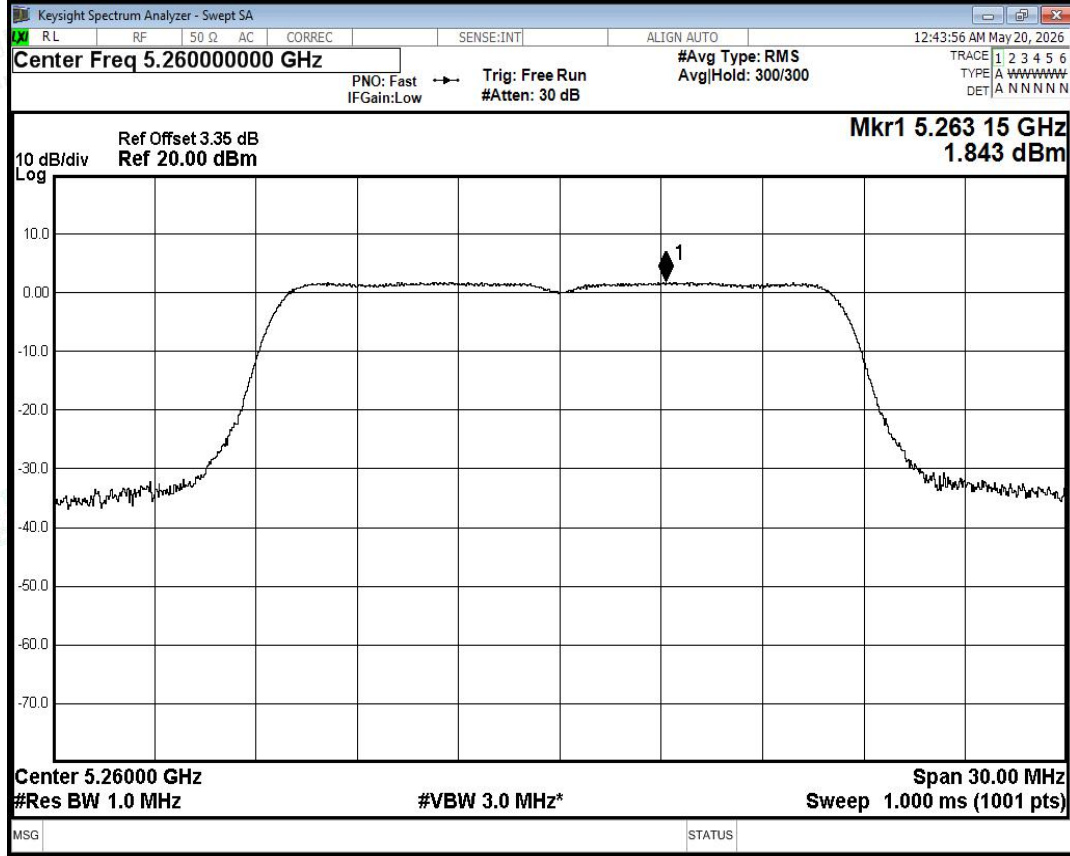


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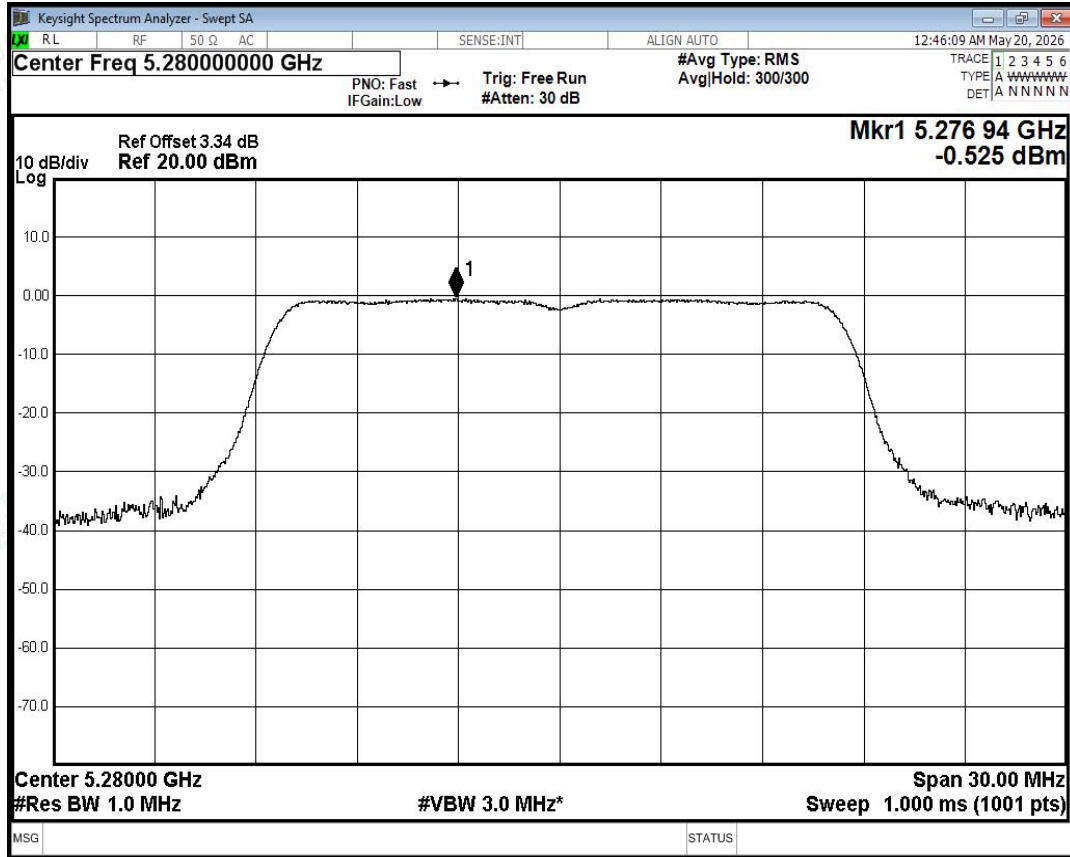


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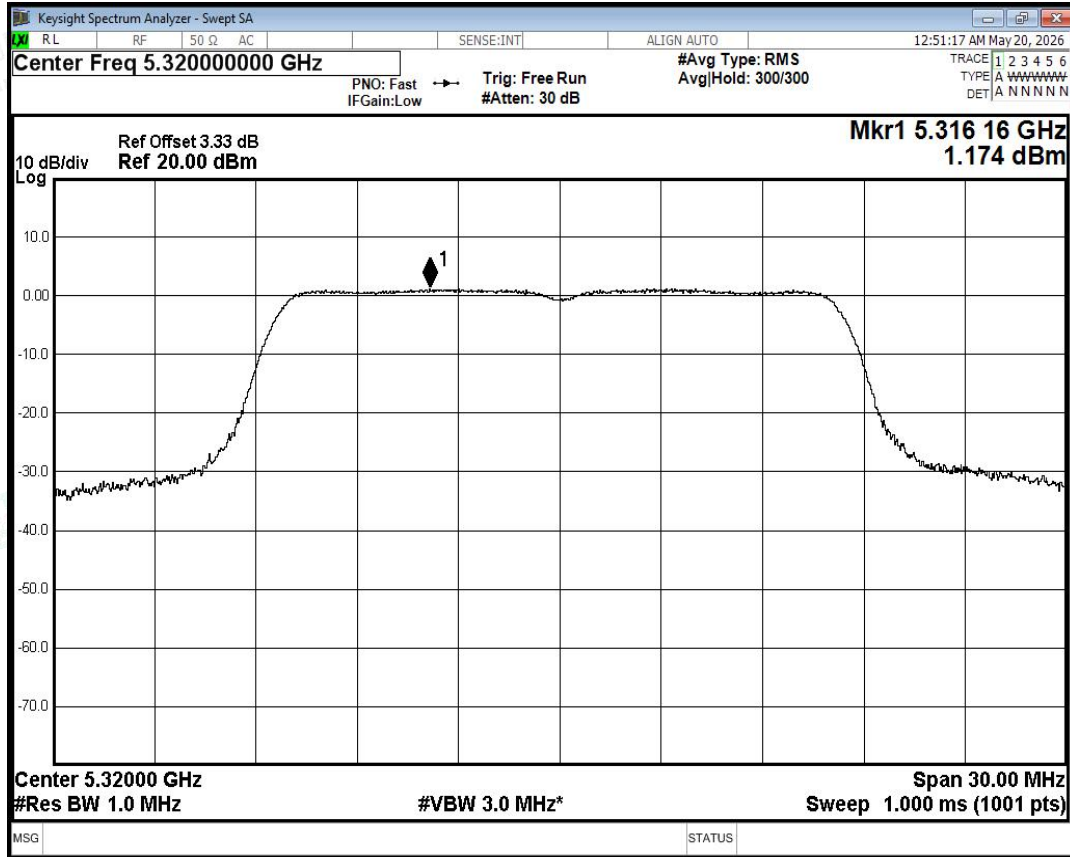


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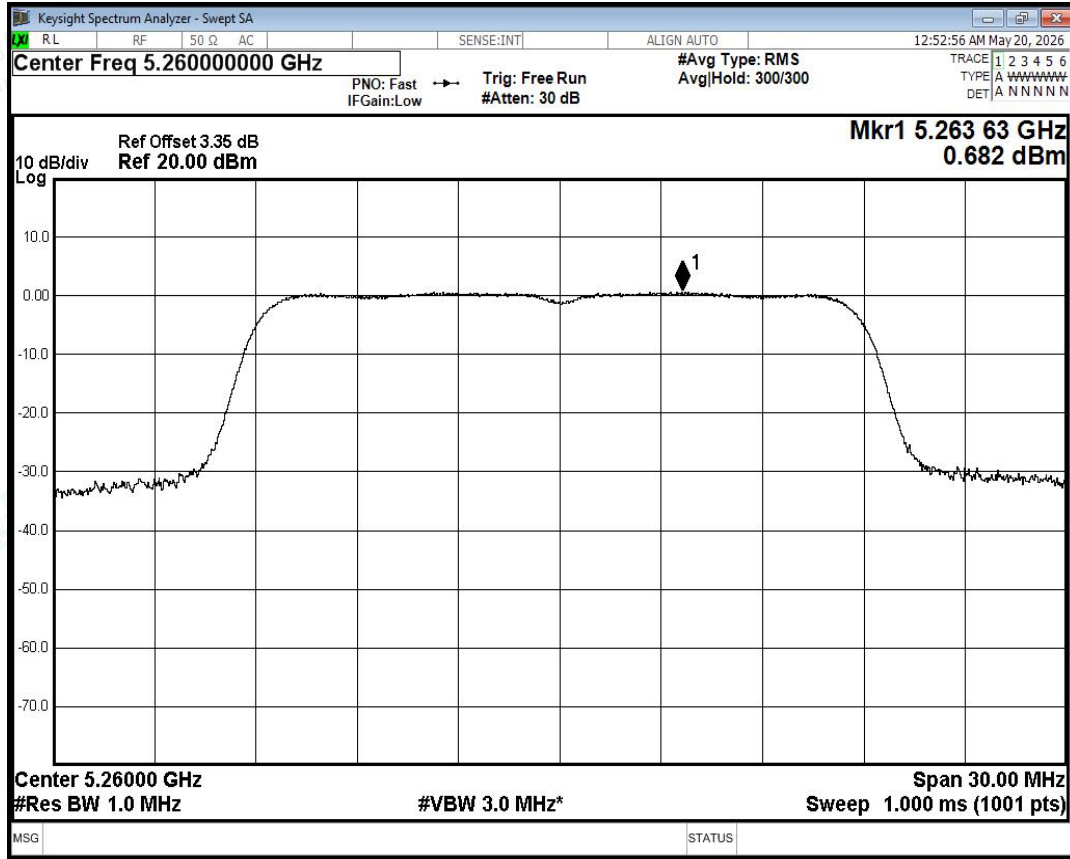


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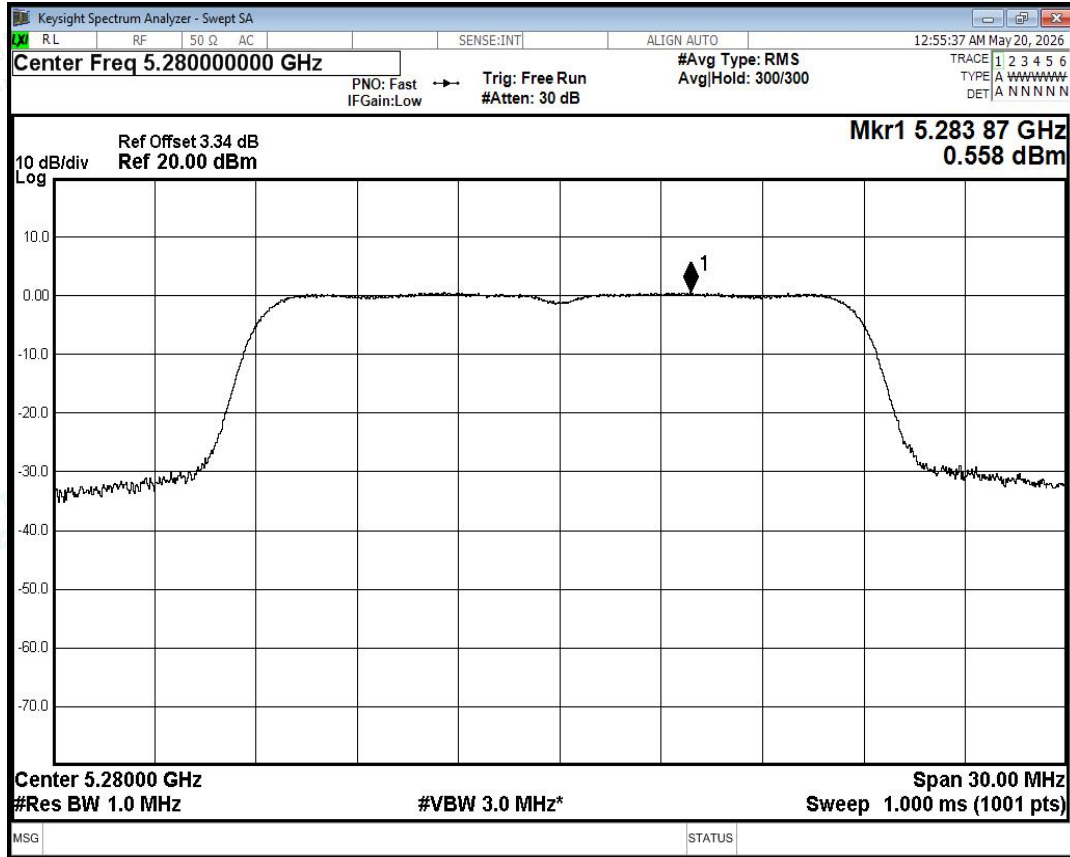


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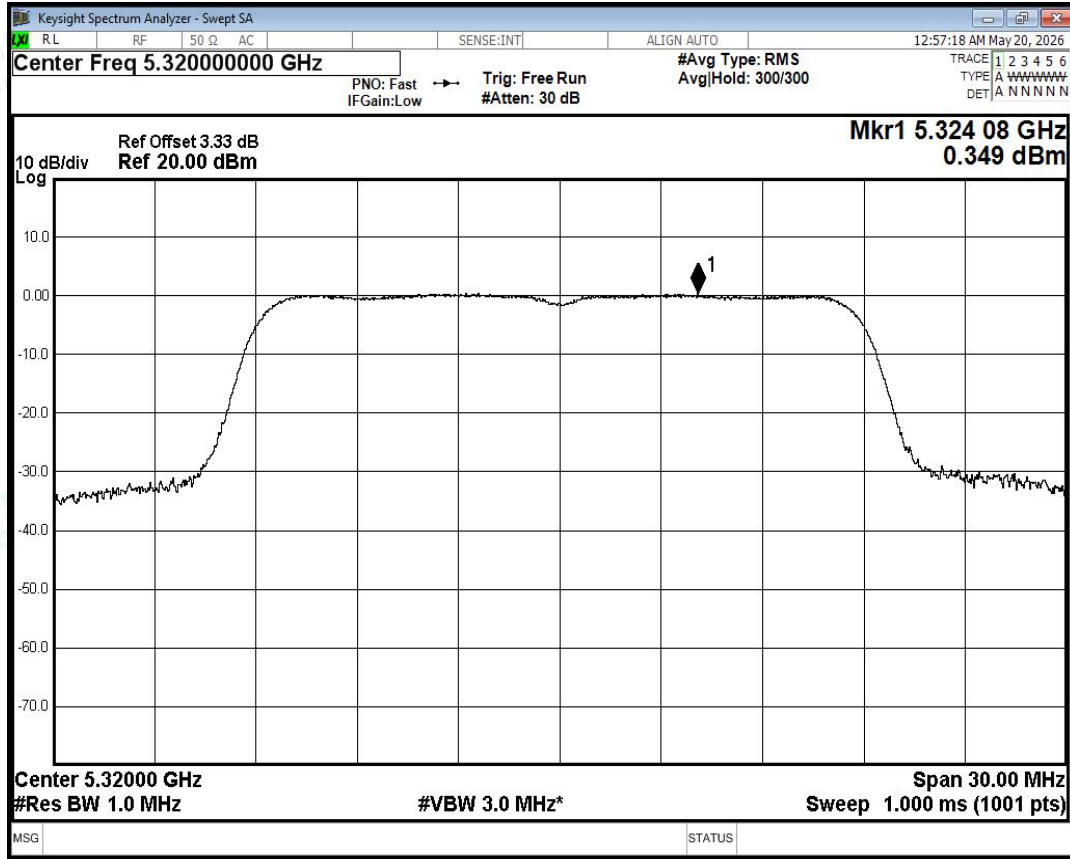


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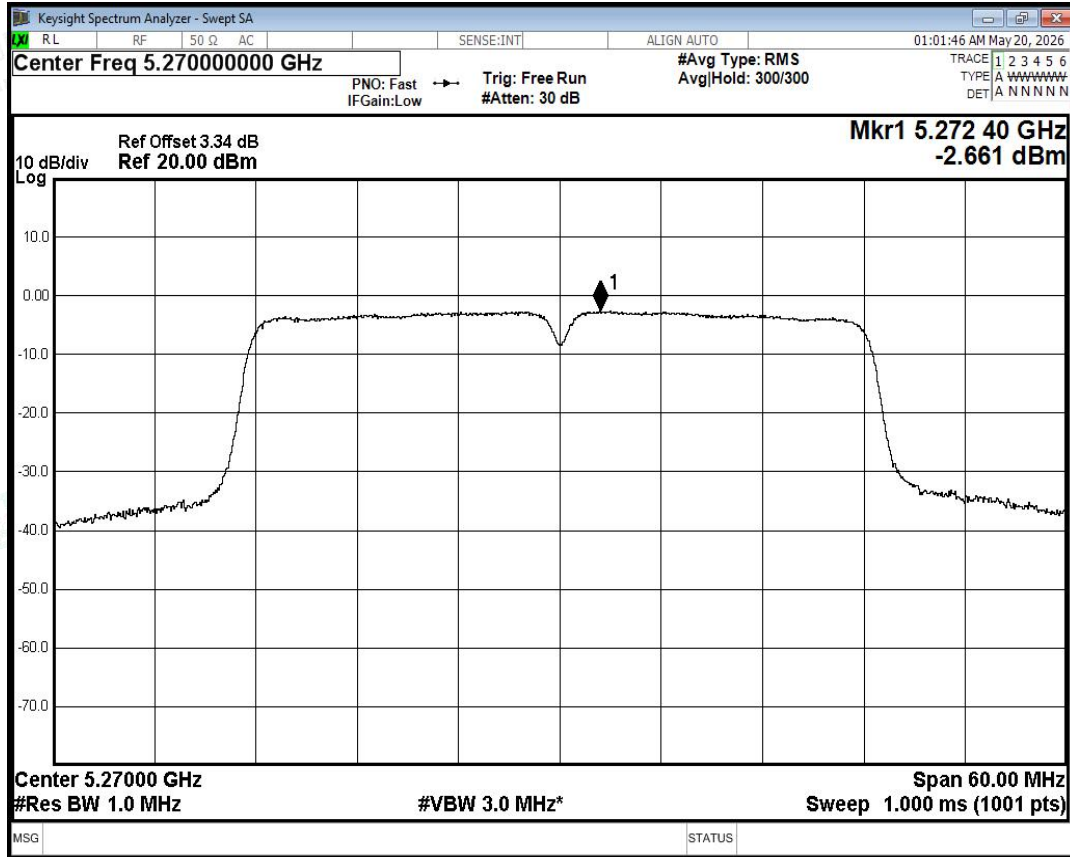


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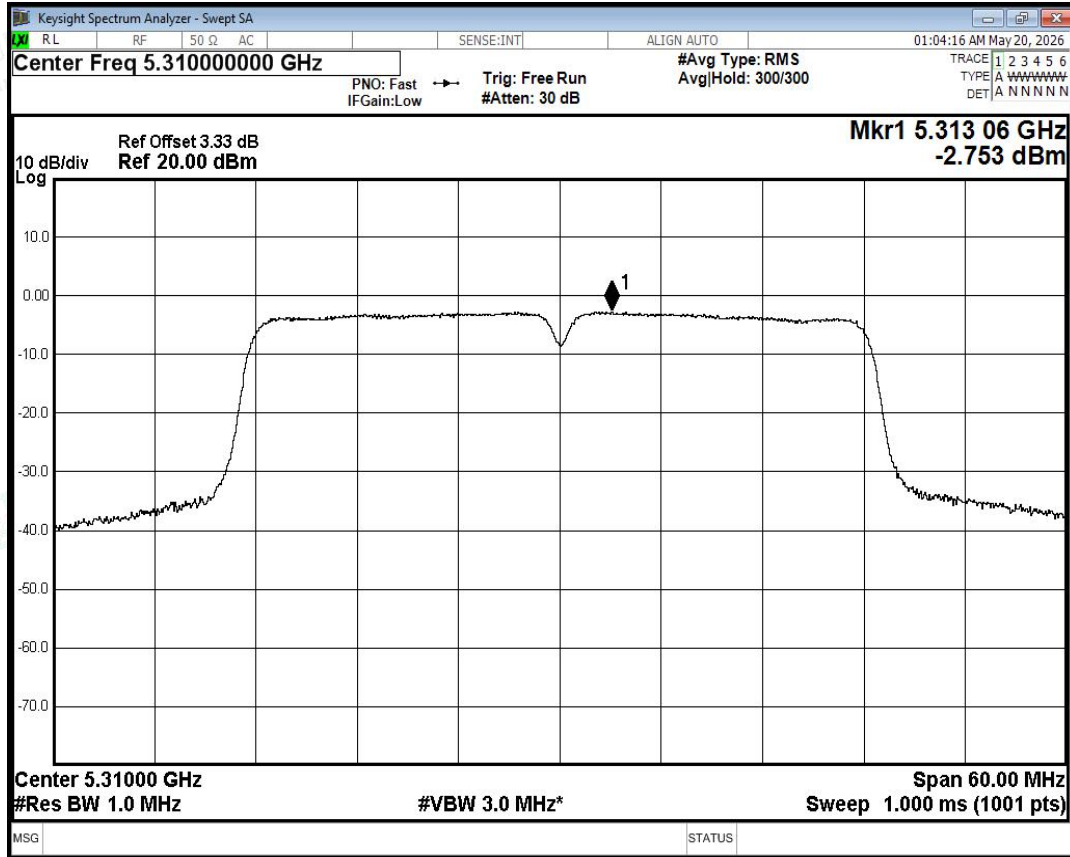


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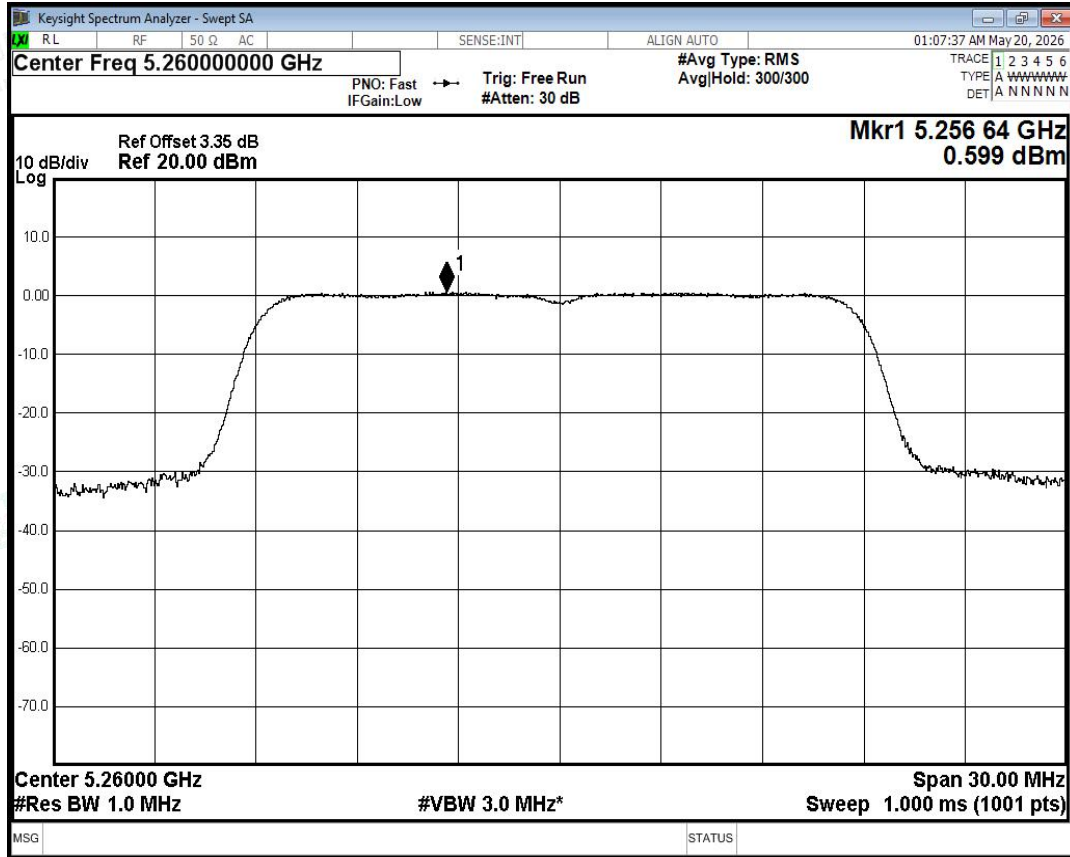


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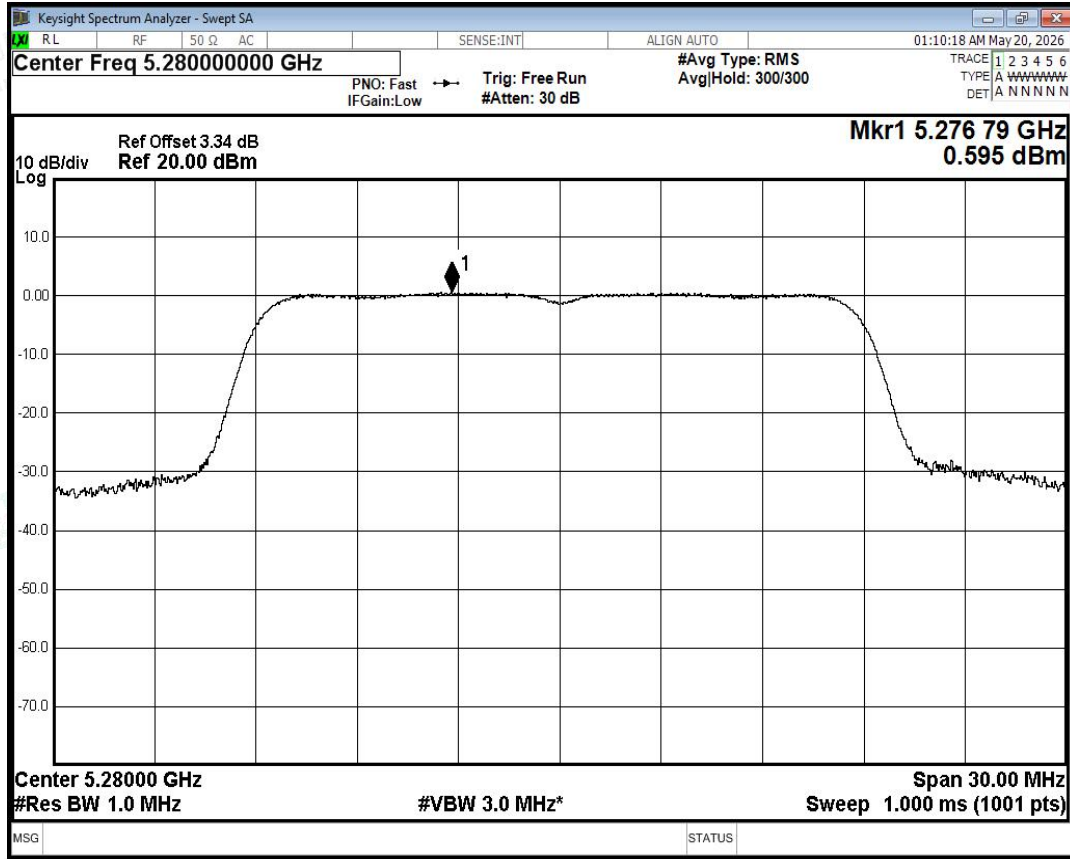


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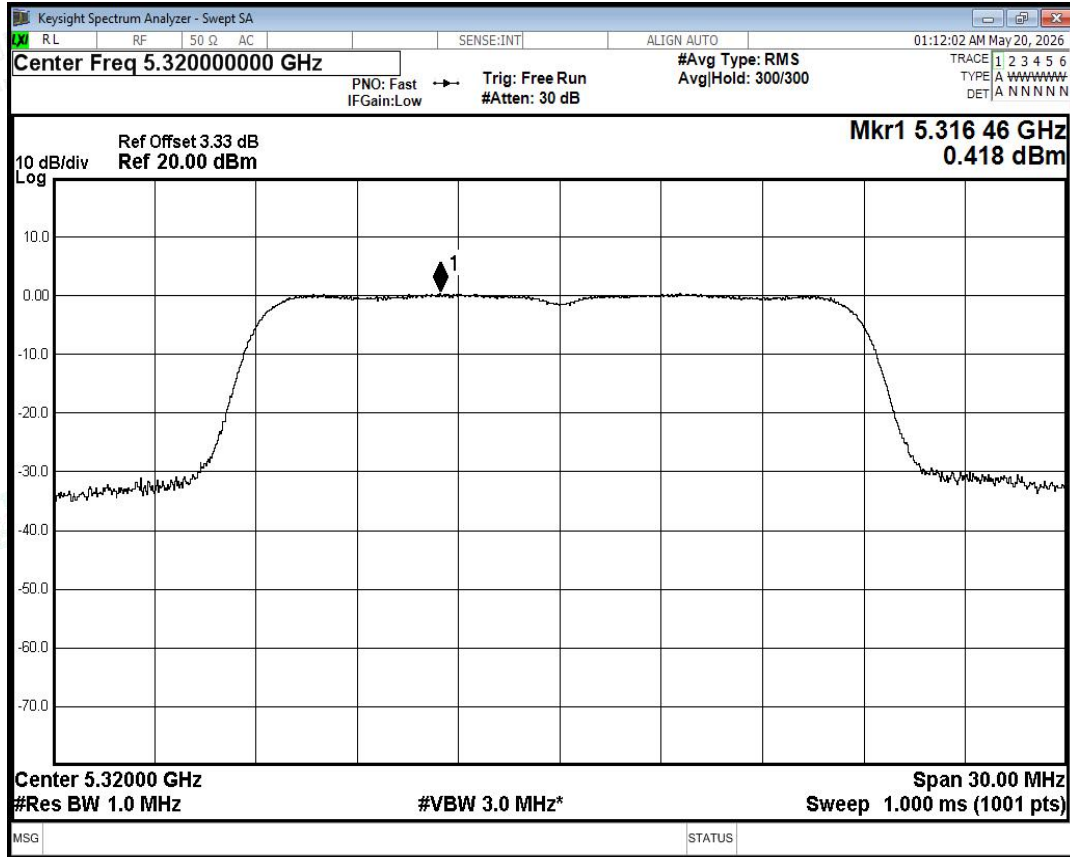


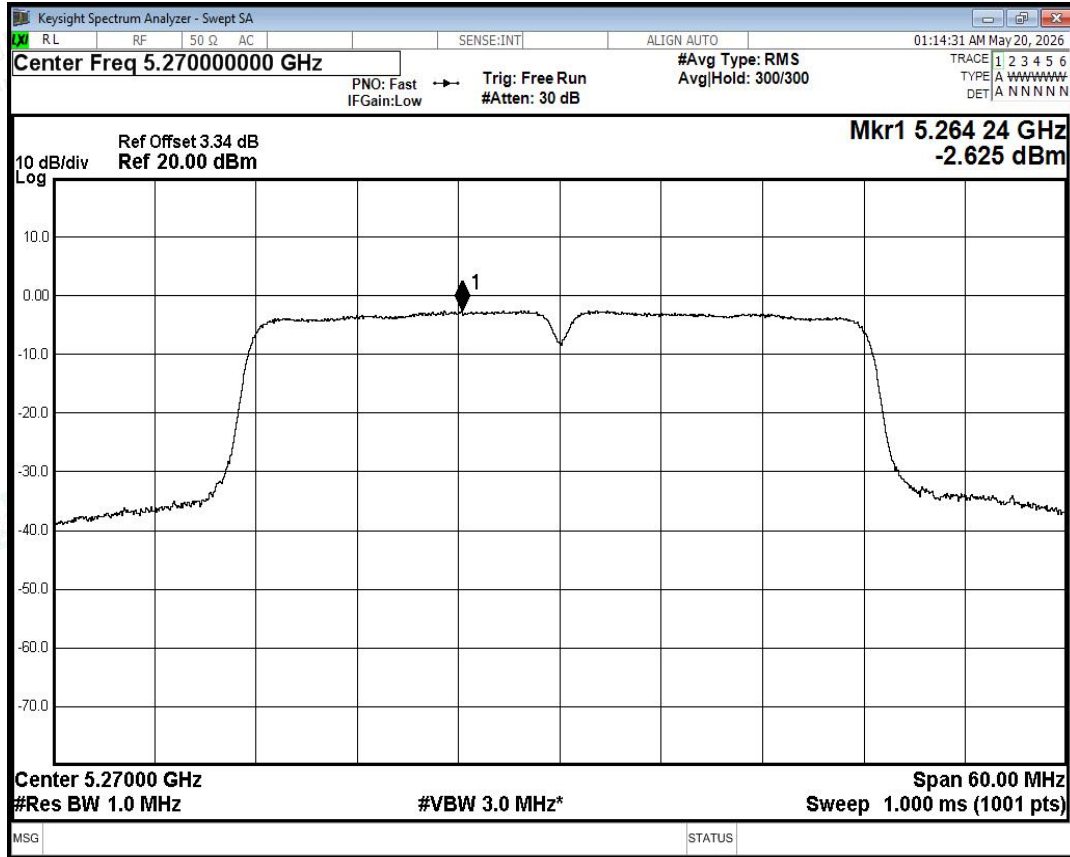
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