



REPORT No.: SZ25070108W04

	MIMO							
NVNT	ac40 MIMO	5230	Ant2	-6.46	0.39	-6.07	11	Pass
NVNT	ac40 MIMO	5230	Sum	NaN	NaN	-3.47	8.11	Pass
NVNT	ac40 MIMO	5270	Ant1	-7.38	0.26	-7.12	10.7	Pass
NVNT	ac40 MIMO	5270	Ant2	-6.62	0.26	-6.36	11	Pass
NVNT	ac40 MIMO	5270	Sum	NaN	NaN	-3.67	8.11	Pass
NVNT	ac40 MIMO	5310	Ant1	-7.39	0.26	-7.13	10.7	Pass
NVNT	ac40 MIMO	5310	Ant2	-6.66	0.26	-6.4	11	Pass
NVNT	ac40 MIMO	5310	Sum	NaN	NaN	-3.77	8.11	Pass
NVNT	ac40 MIMO	5510	Ant1	-7.13	0.39	-6.74	10.7	Pass
NVNT	ac40 MIMO	5510	Ant2	-7.27	0.39	-6.88	11	Pass
NVNT	ac40 MIMO	5510	Sum	NaN	NaN	-3.77	8.11	Pass
NVNT	ac40 MIMO	5550	Ant1	-6.8	0.26	-6.54	10.7	Pass
NVNT	ac40 MIMO	5550	Ant2	-6.94	0.26	-6.68	11	Pass
NVNT	ac40 MIMO	5550	Sum	NaN	NaN	-3.57	8.11	Pass
NVNT	ac40 MIMO	5670	Ant1	-6.78	0.39	-6.39	10.7	Pass
NVNT	ac40 MIMO	5670	Ant2	-6.59	0.39	-6.2	11	Pass
NVNT	ac40 MIMO	5670	Sum	NaN	NaN	-3.28	8.11	Pass
NVNT	ac40 MIMO	5755	Ant1	-9.64	0.38	-9.26	29.7	Pass
NVNT	ac40 MIMO	5755	Ant2	-9.09	0.38	-8.71	30	Pass



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NVNT	ac40 MIMO	5755	Sum	NaN	NaN	-6.02	27.11	Pass
NVNT	ac40 MIMO	5795	Ant1	-10.04	0.26	-9.78	29.7	Pass
NVNT	ac40 MIMO	5795	Ant2	-9.45	0.26	-9.19	30	Pass
NVNT	ac40 MIMO	5795	Sum	NaN	NaN	-6.38	27.11	Pass
NVNT	ac80 SISO	5210	Ant1	-7.8	0.75	-7.05	10.7	Pass
NVNT	ac80 SISO	5290	Ant1	-8	0.75	-7.25	10.7	Pass
NVNT	ac80 SISO	5530	Ant1	-7.99	0.75	-7.24	10.7	Pass
NVNT	ac80 SISO	5610	Ant1	-7.8	0.48	-7.32	10.7	Pass
NVNT	ac80 SISO	5775	Ant1	-10.65	0.75	-9.9	29.7	Pass
NVNT	ac80 SISO	5210	Ant2	-7.15	0.75	-6.4	11	Pass
NVNT	ac80 SISO	5290	Ant2	-7.66	0.75	-6.91	11	Pass
NVNT	ac80 SISO	5530	Ant2	-7.93	0.51	-7.42	11	Pass
NVNT	ac80 SISO	5610	Ant2	-7.89	0.75	-7.14	11	Pass
NVNT	ac80 SISO	5775	Ant2	-10.17	0.51	-9.66	30	Pass
NVNT	ac80 MIMO	5210	Ant1	-11.17	0.51	-10.66	10.7	Pass
NVNT	ac80 MIMO	5210	Ant2	-10.38	0.51	-9.87	11	Pass
NVNT	ac80 MIMO	5210	Sum	NaN	NaN	-7.21	8.11	Pass
NVNT	ac80 MIMO	5290	Ant1	-10.65	0.51	-10.14	10.7	Pass
NVNT	ac80 MIMO	5290	Ant2	-10.35	0.51	-9.84	11	Pass
NVNT	ac80	5290	Sum	NaN	NaN	-6.99	8.11	Pass



	MIMO							
NVNT	ac80 MIMO	5530	Ant1	-11.51	0.48	-11.03	10.7	Pass
NVNT	ac80 MIMO	5530	Ant2	-11.18	0.48	-10.7	11	Pass
NVNT	ac80 MIMO	5530	Sum	NaN	NaN	-7.96	8.11	Pass
NVNT	ac80 MIMO	5610	Ant1	-10.85	0.75	-10.1	10.7	Pass
NVNT	ac80 MIMO	5610	Ant2	-10.71	0.75	-9.96	11	Pass
NVNT	ac80 MIMO	5610	Sum	NaN	NaN	-6.99	8.11	Pass
NVNT	ac80 MIMO	5775	Ant1	-13.84	0.75	-13.09	29.7	Pass
NVNT	ac80 MIMO	5775	Ant2	-13.37	0.75	-12.62	30	Pass
NVNT	ac80 MIMO	5775	Sum	NaN	NaN	-10	27.11	Pass

Note: Directional gain = $10\log[(10^{G0/20} + 10^{G1/20})^2/2] = 8.89\text{dBi} > 6\text{dBi}$, so the power spectral density limit shall be reduced to $11 - (8.89 - 6) = 8.11\text{dBm}$ for 5.18-5.24GHz, 5.260-5.320GHz, 5.500-5.720GHz band and reduced to $30 - (8.89 - 6) = 27.11\text{dBm}$ for 5.745-5.825GHz band.

Test Graphs

PSD NVNT a 5180MHz Ant1 SISO



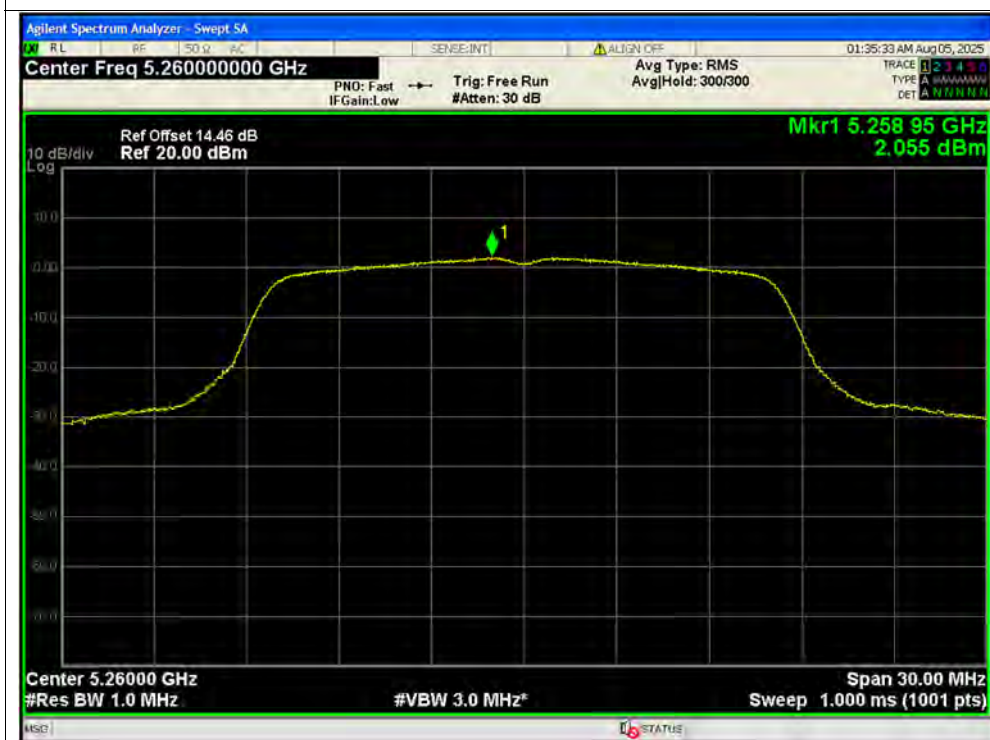
PSD NVNT a 5220MHz Ant1 SISO



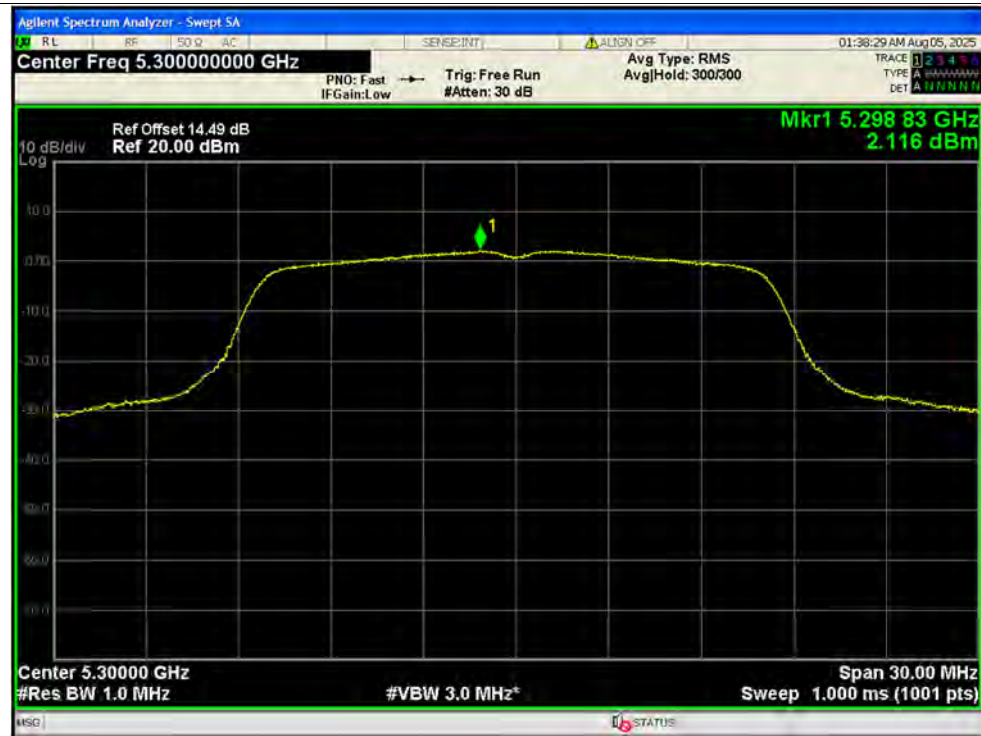
PSD NVNT a 5240MHz Ant1 SISO



PSD NVNT a 5260MHz Ant1 SISO



PSD NVNT a 5300MHz Ant1 SISO



PSD NVNT a 5320MHz Ant1 SISO



PSD NVNT a 5500MHz Ant1 SISO



PSD NVNT a 5580MHz Ant1 SISO



PSD NVNT a 5700MHz Ant1 SISO



PSD NVNT a 5745MHz Ant1 SISO



PSD NVNT a 5785MHz Ant1 SISO



PSD NVNT a 5825MHz Ant1 SISO



PSD NVNT a 5180MHz Ant2 SISO



PSD NVNT a 5220MHz Ant2 SISO



PSD NVNT a 5240MHz Ant2 SISO



PSD NVNT a 5260MHz Ant2 SISO



PSD NVNT a 5300MHz Ant2 SISO



PSD NVNT a 5320MHz Ant2 SISO



PSD NVNT a 5500MHz Ant2 SISO



PSD NVNT a 5580MHz Ant2 SISO



PSD NVNT a 5700MHz Ant2 SISO



PSD NVNT a 5745MHz Ant2 SISO



PSD NVNT a 5785MHz Ant2 SISO



PSD NVNT a 5825MHz Ant2 SISO



PSD NVNT n20 5180MHz Ant1 SISO



PSD NVNT n20 5220MHz Ant1 SISO



PSD NVNT n20 5240MHz Ant1 SISO



PSD NVNT n20 5260MHz Ant1 SISO



PSD NVNT n20 5300MHz Ant1 SISO



PSD NVNT n20 5320MHz Ant1 SISO



PSD NVNT n20 5500MHz Ant1 SISO



PSD NVNT n20 5580MHz Ant1 SISO



PSD NVNT n20 5700MHz Ant1 SISO



PSD NVNT n20 5745MHz Ant1 SISO



PSD NVNT n20 5785MHz Ant1 SISO



PSD NVNT n20 5825MHz Ant1 SISO



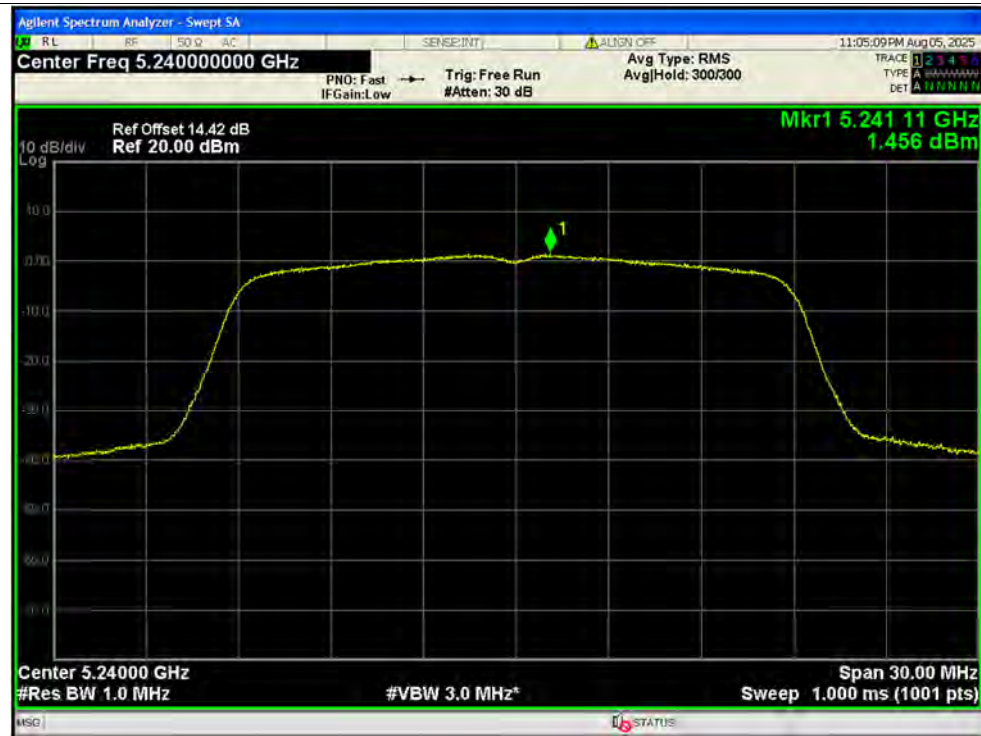
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PSD NVNT n20 5220MHz Ant2 SISO



PSD NVNT n20 5240MHz Ant2 SISO



PSD NVNT n20 5260MHz Ant2 SISO



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PSD NVNT n20 5320MHz Ant2 SISO



PSD NVNT n20 5500MHz Ant2 SISO



PSD NVNT n20 5580MHz Ant2 SISO



PSD NVNT n20 5700MHz Ant2 SISO



PSD NVNT n20 5745MHz Ant2 SISO



PSD NVNT n20 5785MHz Ant2 SISO



PSD NVNT n20 5825MHz Ant2 SISO



PSD NVNT n20 5180MHz Ant1 MIMO



PSD NVNT n20 5180MHz Ant2 MIMO



PSD NVNT n20 5220MHz Ant1 MIMO



PSD NVNT n20 5220MHz Ant2 MIMO



PSD NVNT n20 5240MHz Ant1 MIMO



PSD NVNT n20 5240MHz Ant2 MIMO



PSD NVNT n20 5260MHz Ant1 MIMO



PSD NVNT n20 5260MHz Ant2 MIMO



PSD NVNT n20 5300MHz Ant1 MIMO



PSD NVNT n20 5300MHz Ant2 MIMO



PSD NVNT n20 5320MHz Ant1 MIMO



PSD NVNT n20 5320MHz Ant2 MIMO



PSD NVNT n20 5500MHz Ant1 MIMO



PSD NVNT n20 5500MHz Ant2 MIMO



PSD NVNT n20 5580MHz Ant1 MIMO



PSD NVNT n20 5580MHz Ant2 MIMO



PSD NVNT n20 5700MHz Ant1 MIMO



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PSD NVNT n40 5230MHz Ant1 SISO



PSD NVNT n40 5270MHz Ant1 SISO



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PSD NVNT n40 5670MHz Ant1 SISO



PSD NVNT n40 5755MHz Ant1 SISO



PSD NVNT n40 5795MHz Ant1 SISO



PSD NVNT n40 5190MHz Ant2 SISO



PSD NVNT n40 5230MHz Ant2 SISO



PSD NVNT n40 5270MHz Ant2 SISO



PSD NVNT n40 5310MHz Ant2 SISO



PSD NVNT n40 5510MHz Ant2 SISO



PSD NVNT n40 5550MHz Ant2 SISO



PSD NVNT n40 5670MHz Ant2 SISO



PSD NVNT n40 5755MHz Ant2 SISO



PSD NVNT n40 5795MHz Ant2 SISO



PSD NVNT n40 5190MHz Ant1 MIMO



PSD NVNT n40 5190MHz Ant2 MIMO



PSD NVNT n40 5230MHz Ant1 MIMO



PSD NVNT n40 5230MHz Ant2 MIMO



PSD NVNT n40 5270MHz Ant1 MIMO



PSD NVNT n40 5270MHz Ant2 MIMO



PSD NVNT n40 5310MHz Ant1 MIMO



PSD NVNT n40 5310MHz Ant2 MIMO



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PSD NVNT n40 5550MHz Ant1 MIMO



PSD NVNT n40 5550MHz Ant2 MIMO



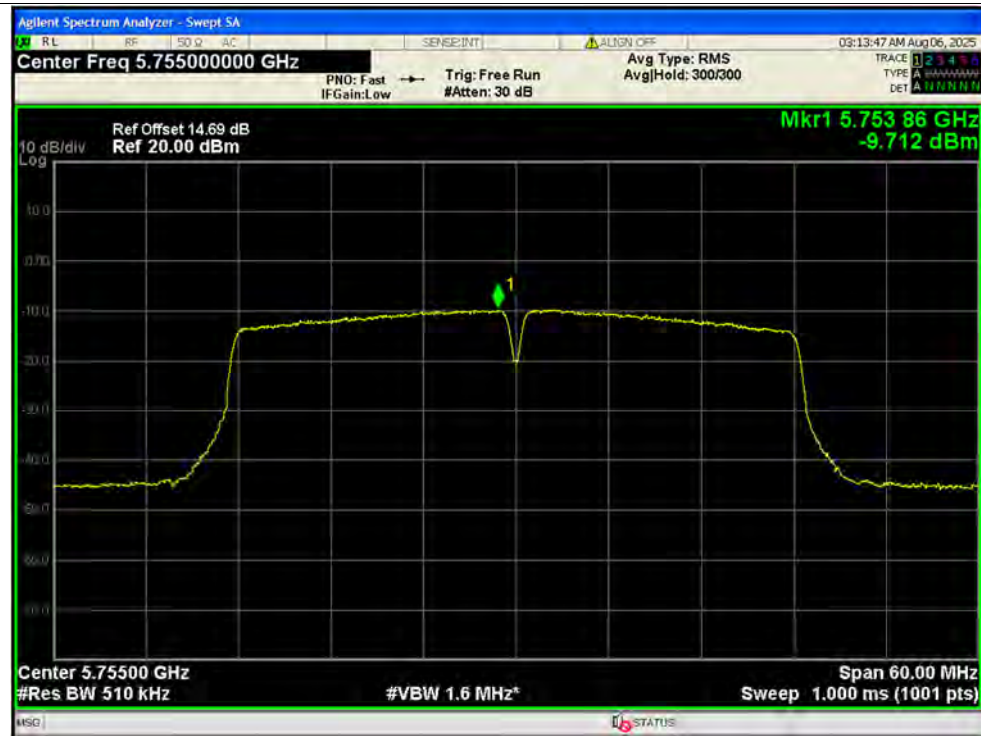
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PSD NVNT n40 5670MHz Ant2 MIMO



PSD NVNT n40 5755MHz Ant1 MIMO



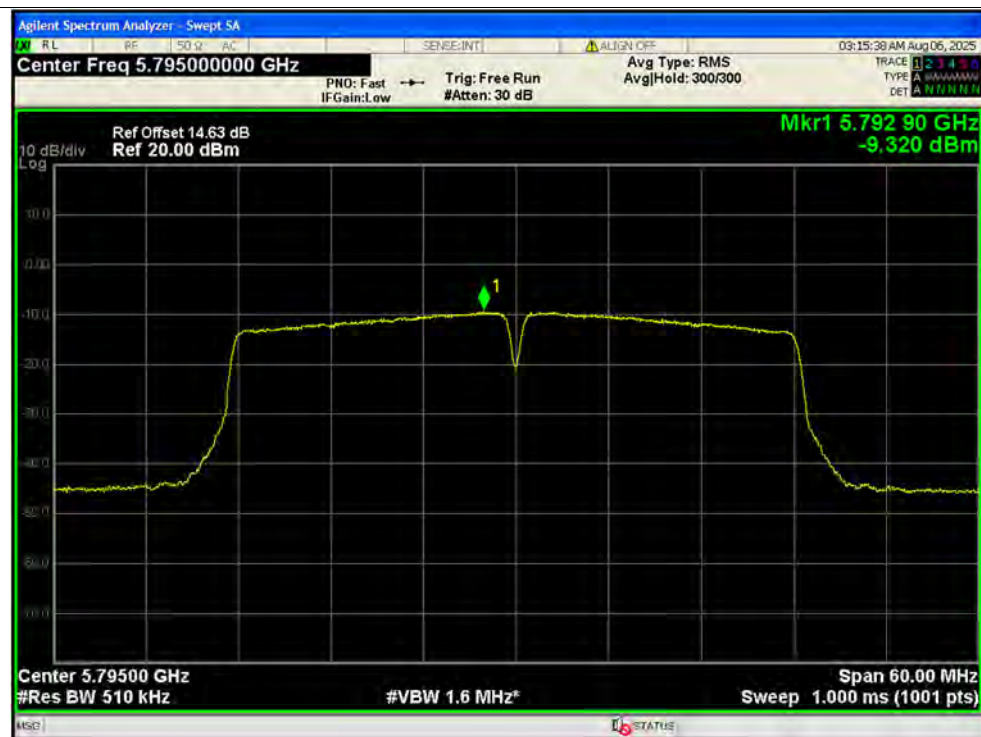
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PSD NVNT n40 5795MHz Ant1 MIMO



PSD NVNT n40 5795MHz Ant2 MIMO



PSD NVNT ac20 5180MHz Ant1 SISO



PSD NVNT ac20 5220MHz Ant1 SISO



PSD NVNT ac20 5240MHz Ant1 SISO



PSD NVNT ac20 5260MHz Ant1 SISO



PSD NVNT ac20 5300MHz Ant1 SISO



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PSD NVNT ac20 5825MHz Ant1 SISO



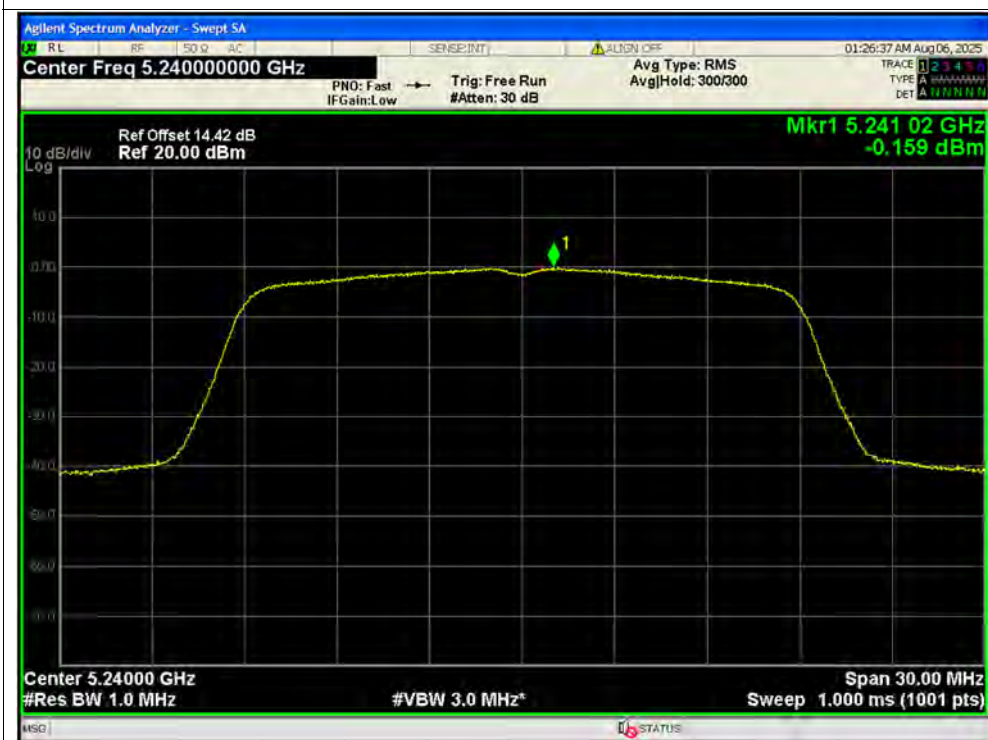
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PSD NVNT ac20 5240MHz Ant2 MIMO



PSD NVNT ac20 5260MHz Ant1 MIMO



PSD NVNT ac20 5260MHz Ant2 MIMO



PSD NVNT ac20 5300MHz Ant1 MIMO



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PSD NVNT ac20 5320MHz Ant2 MIMO



PSD NVNT ac20 5500MHz Ant1 MIMO



PSD NVNT ac20 5500MHz Ant2 MIMO



PSD NVNT ac20 5580MHz Ant1 MIMO



PSD NVNT ac20 5580MHz Ant2 MIMO



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PSD NVNT ac20 5785MHz Ant1 MIMO



PSD NVNT ac20 5785MHz Ant2 MIMO



PSD NVNT ac20 5825MHz Ant1 MIMO



PSD NVNT ac20 5825MHz Ant2 MIMO



PSD NVNT ac40 5190MHz Ant1 SISO



PSD NVNT ac40 5230MHz Ant1 SISO



PSD NVNT ac40 5270MHz Ant1 SISO



PSD NVNT ac40 5310MHz Ant1 SISO



PSD NVNT ac40 5510MHz Ant1 SISO



PSD NVNT ac40 5550MHz Ant1 SISO



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