

Duty Cycle

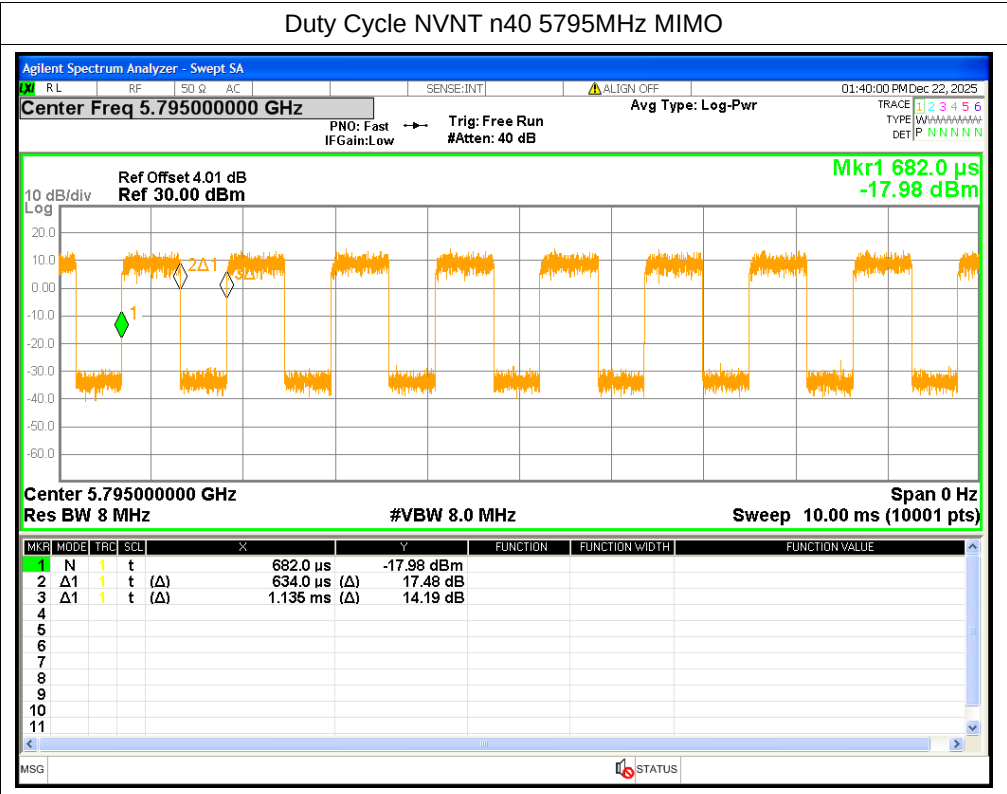
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	1.362	1.862	73.15	1.36	0.73
NVNT	a	5785	Ant1	1.36	1.862	73.04	1.36	0.74
NVNT	a	5825	Ant1	1.36	1.862	73.04	1.36	0.74
NVNT	a	5745	Ant2	1.362	1.862	73.15	1.36	0.73
NVNT	a	5785	Ant2	1.362	1.862	73.15	1.36	0.73
NVNT	a	5825	Ant2	1.36	1.862	73.04	1.36	0.74
NVNT	n20	5745	MIMO	1.274	1.776	71.73	1.44	0.78
NVNT	n20	5785	MIMO	1.274	1.774	71.82	1.44	0.78
NVNT	n20	5825	MIMO	1.272	1.774	71.7	1.44	0.79
NVNT	n40	5755	MIMO	0.633	1.134	55.82	2.53	1.58
NVNT	n40	5795	MIMO	0.634	1.135	55.86	2.53	1.58

Duty Cycle NVNT a 5825MHz Ant1

Duty Cycle NVNT a 5785MHz Ant2

Duty Cycle NVNT n20 5745MHz MIMO

Duty Cycle NVNT n20 5825MHz MIMO

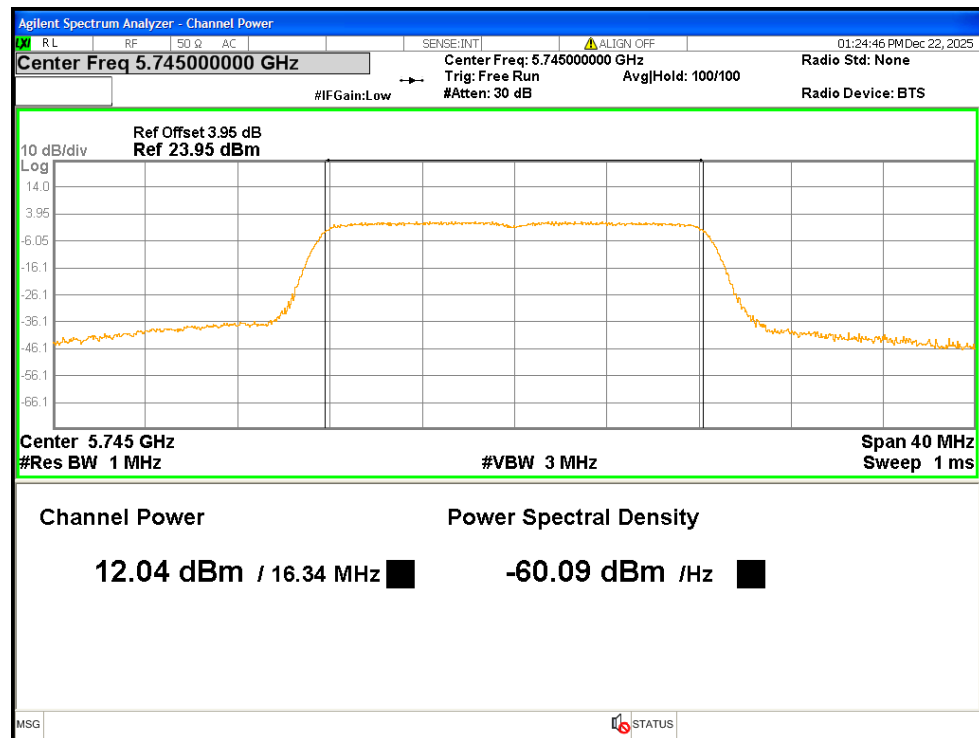


Maximum Conducted Output Power

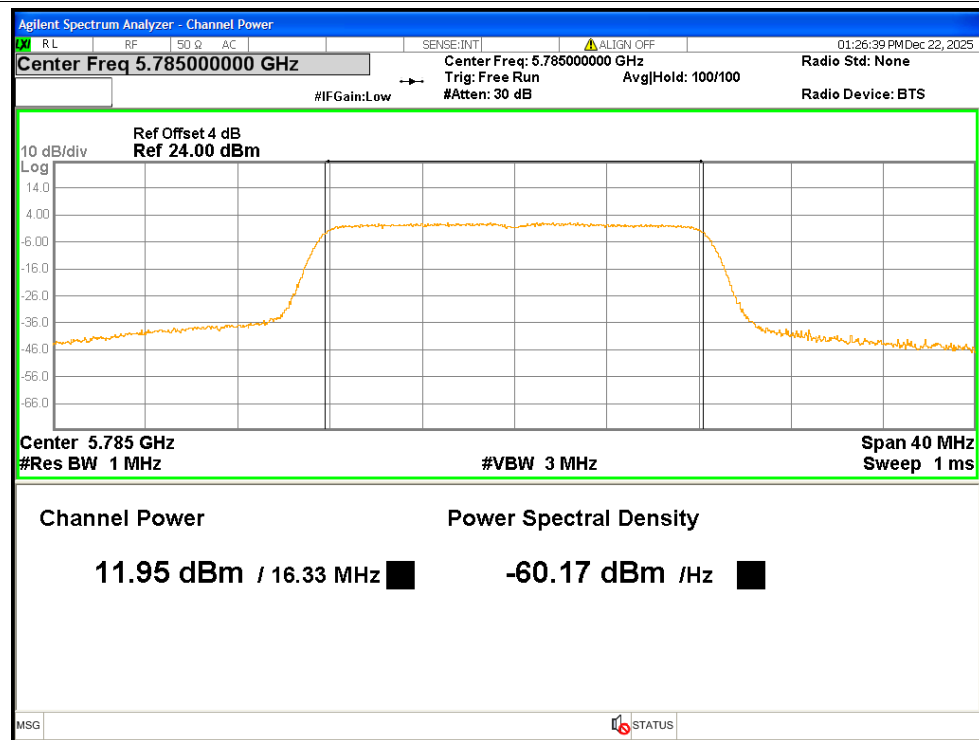
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.04	1.36	13.4	<=30	Pass
NVNT	a	5785	Ant1	11.95	1.36	13.31	<=30	Pass
NVNT	a	5825	Ant1	11.72	1.36	13.08	<=30	Pass
NVNT	a	5745	Ant2	11.03	1.36	12.39	<=30	Pass
NVNT	a	5785	Ant2	11.47	1.36	12.83	<=30	Pass
NVNT	a	5825	Ant2	11.91	1.36	13.27	<=30	Pass
NVNT	n20	5745	Ant1	8.77	1.44	10.21	<=30	Pass
NVNT	n20	5745	Ant2	8.42	1.44	9.86	<=30	Pass
NVNT	n20	5745	MIMO	-	-	13.05	<=29.96	Pass
NVNT	n20	5785	Ant1	8.86	1.44	10.3	<=30	Pass
NVNT	n20	5785	Ant2	8.82	1.44	10.26	<=30	Pass
NVNT	n20	5785	MIMO	-	-	13.29	<=29.96	Pass
NVNT	n20	5825	Ant1	8.6	1.44	10.04	<=30	Pass
NVNT	n20	5825	Ant2	9.26	1.44	10.7	<=30	Pass
NVNT	n20	5825	MIMO	-	-	13.39	<=29.96	Pass
NVNT	n40	5755	Ant1	7.62	2.53	10.15	<=30	Pass
NVNT	n40	5755	Ant2	7.99	2.53	10.52	<=30	Pass
NVNT	n40	5755	MIMO	-	-	13.35	<=29.96	Pass
NVNT	n40	5795	Ant1	7.75	2.53	10.28	<=30	Pass
NVNT	n40	5795	Ant2	8.56	2.53	11.09	<=30	Pass
NVNT	n40	5795	MIMO	-	-	13.71	<=29.96	Pass

Test Graphs

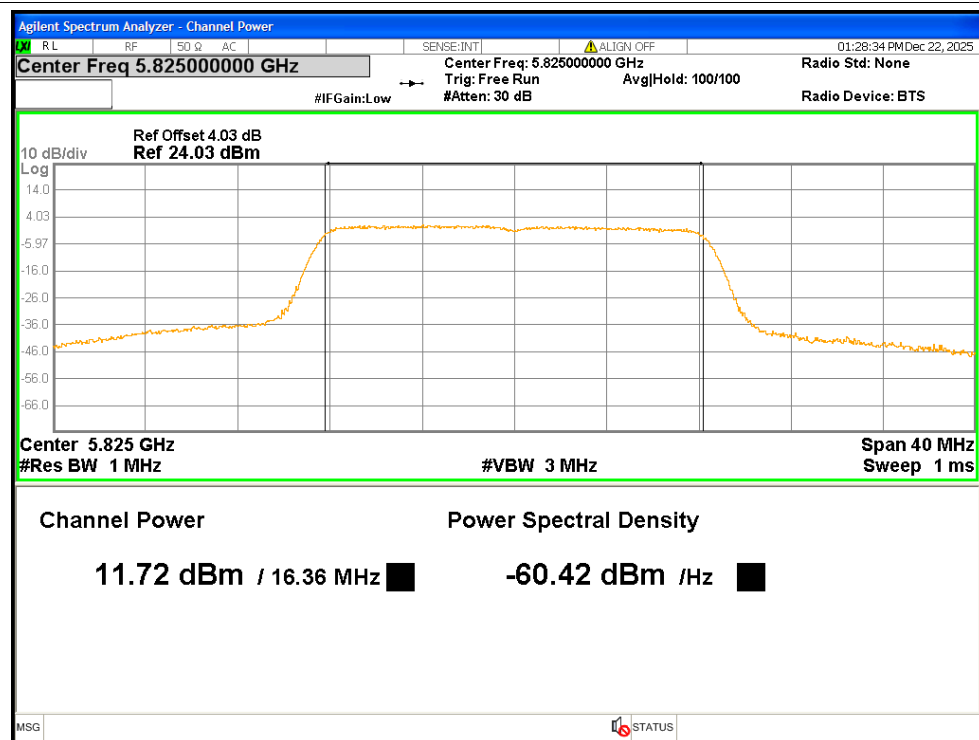
Power NVNT a 5745MHz Ant1



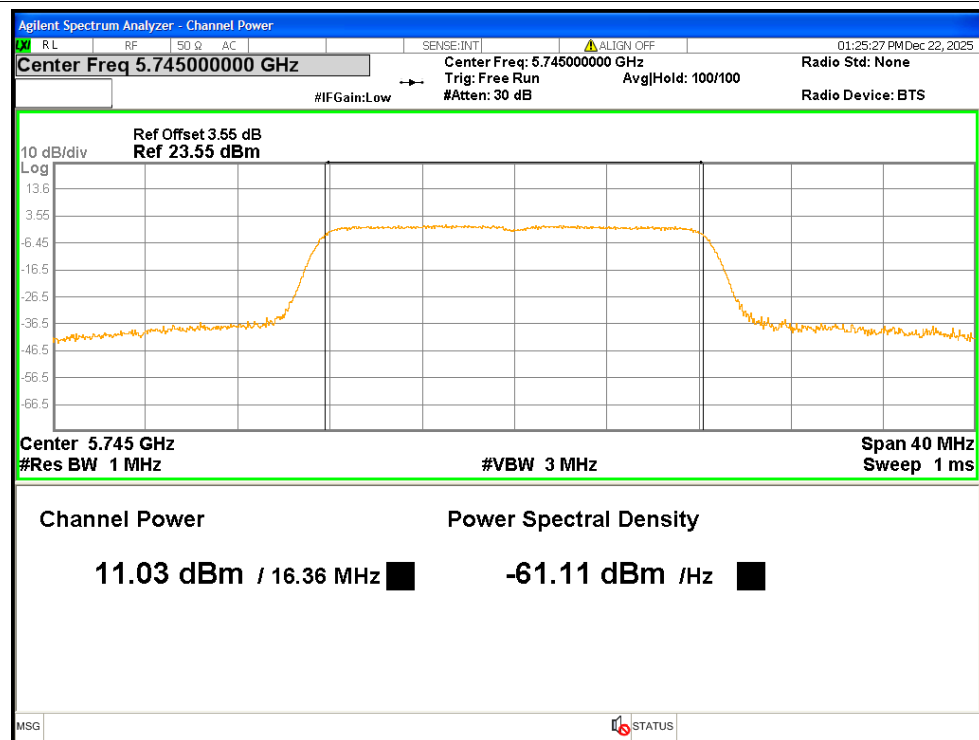
Power NVNT a 5785MHz Ant1



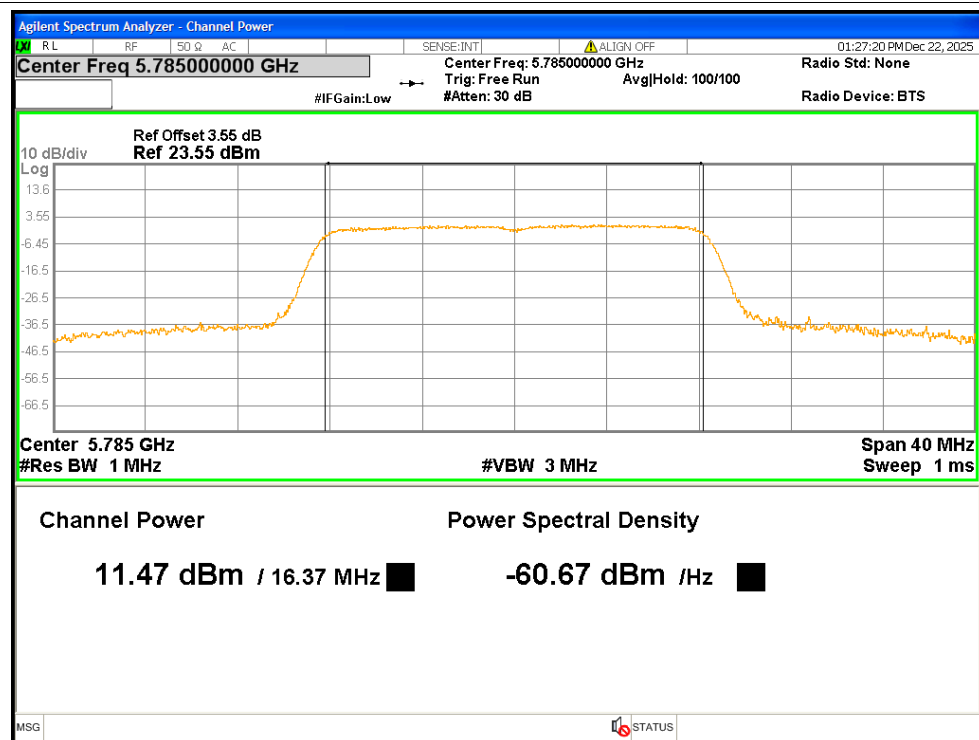
Power NVNT a 5825MHz Ant1



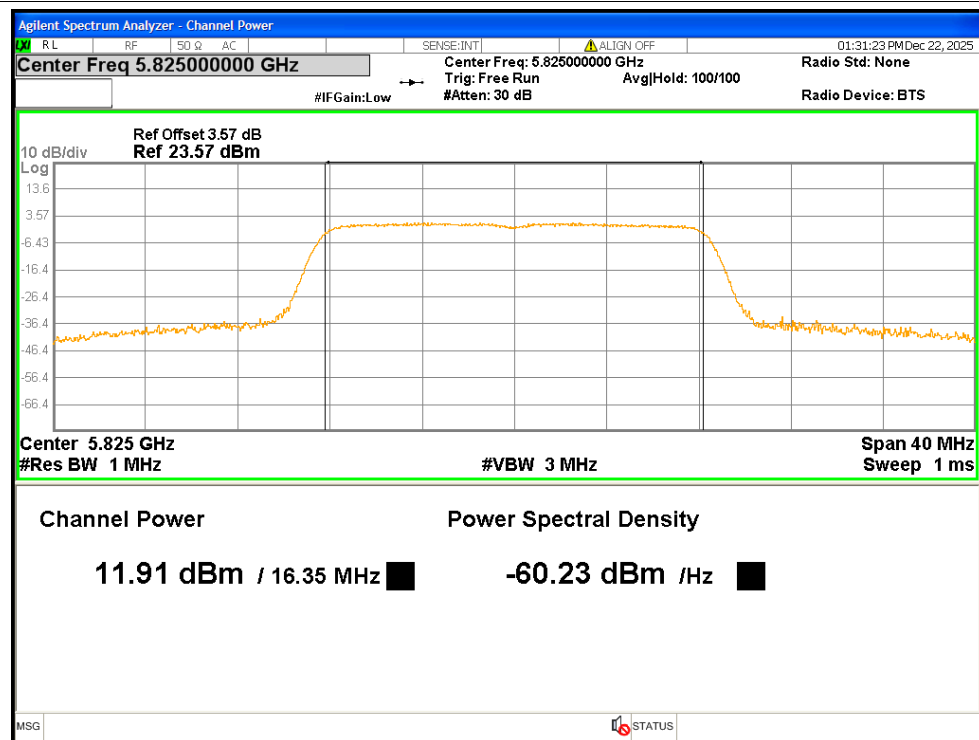
Power NVNT a 5745MHz Ant2



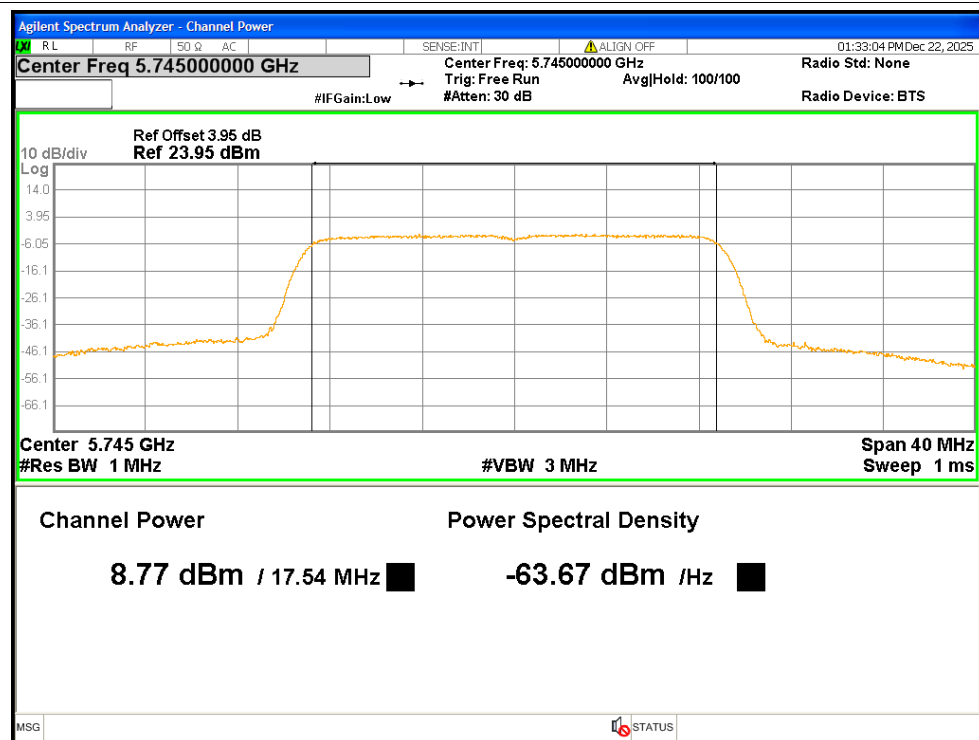
Power NVNT a 5785MHz Ant2



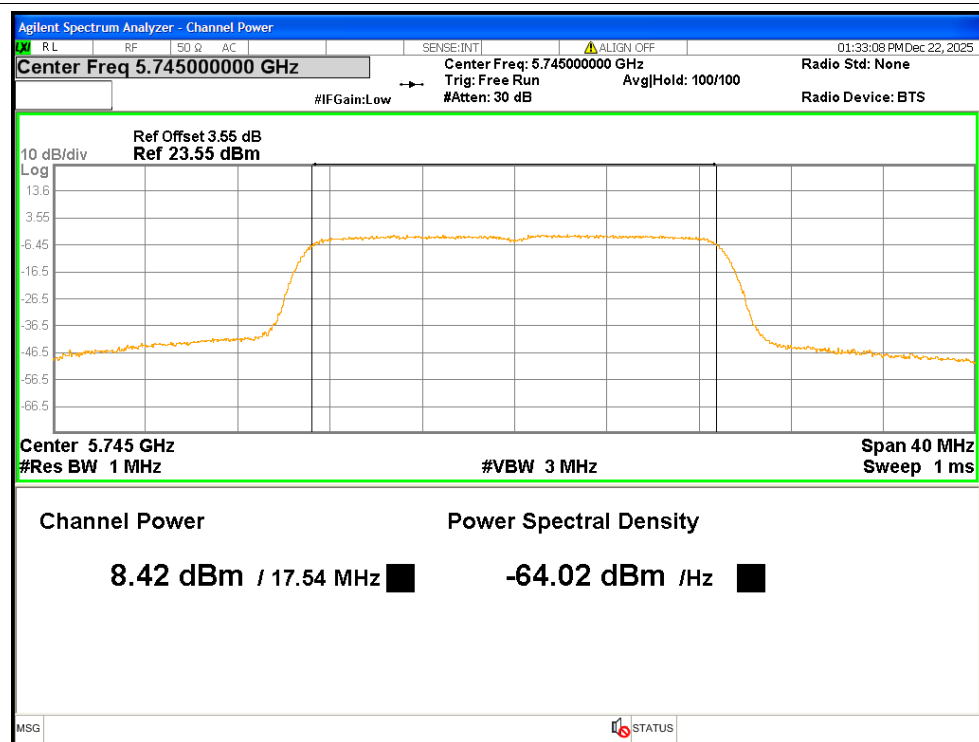
Power NVNT a 5825MHz Ant2



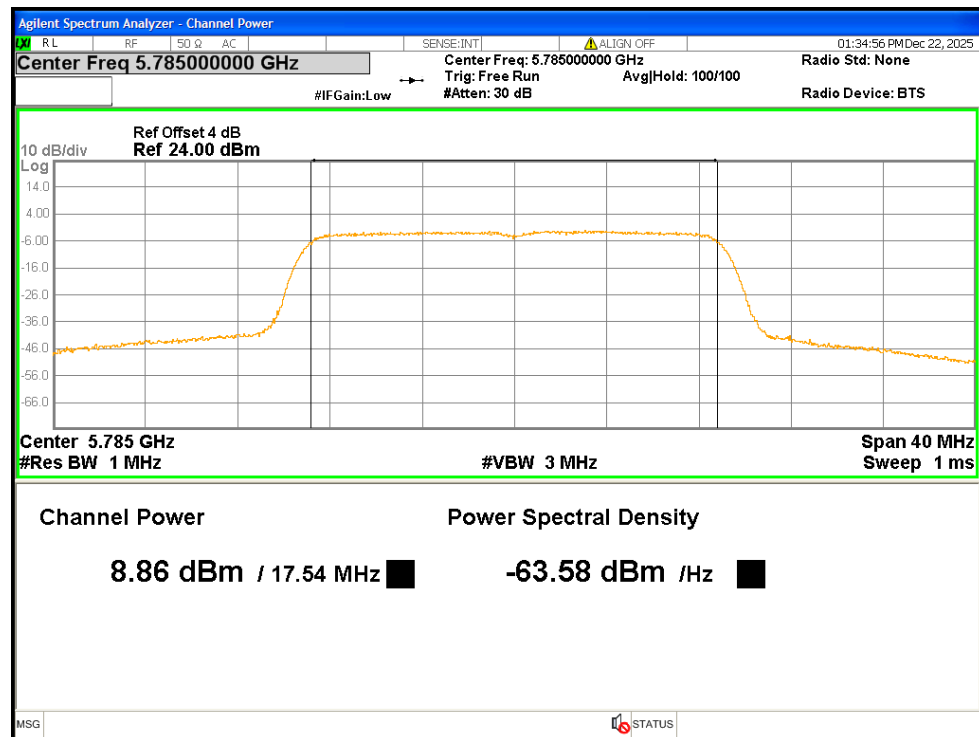
Power NVNT n20 5745MHz Ant1



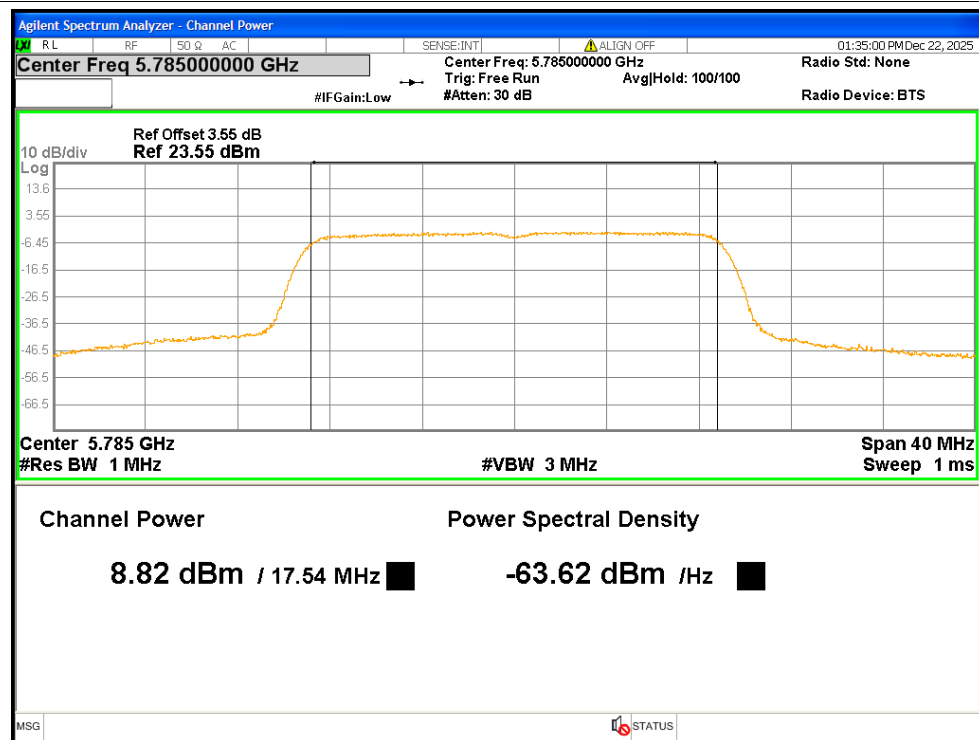
Power NVNT n20 5745MHz Ant2



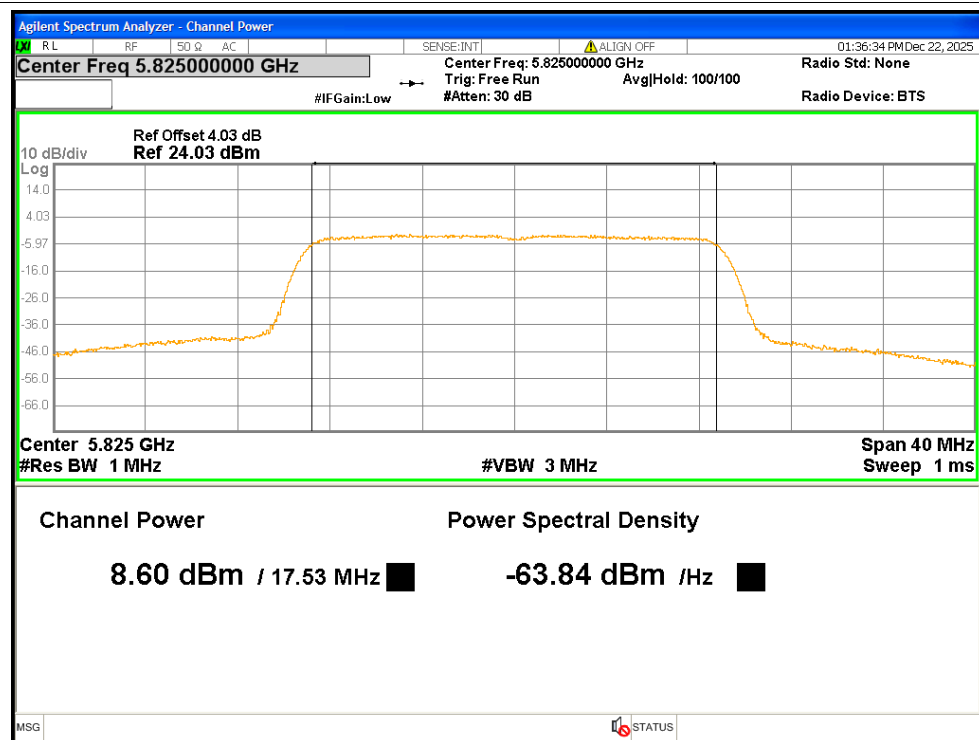
Power NVNT n20 5785MHz Ant1



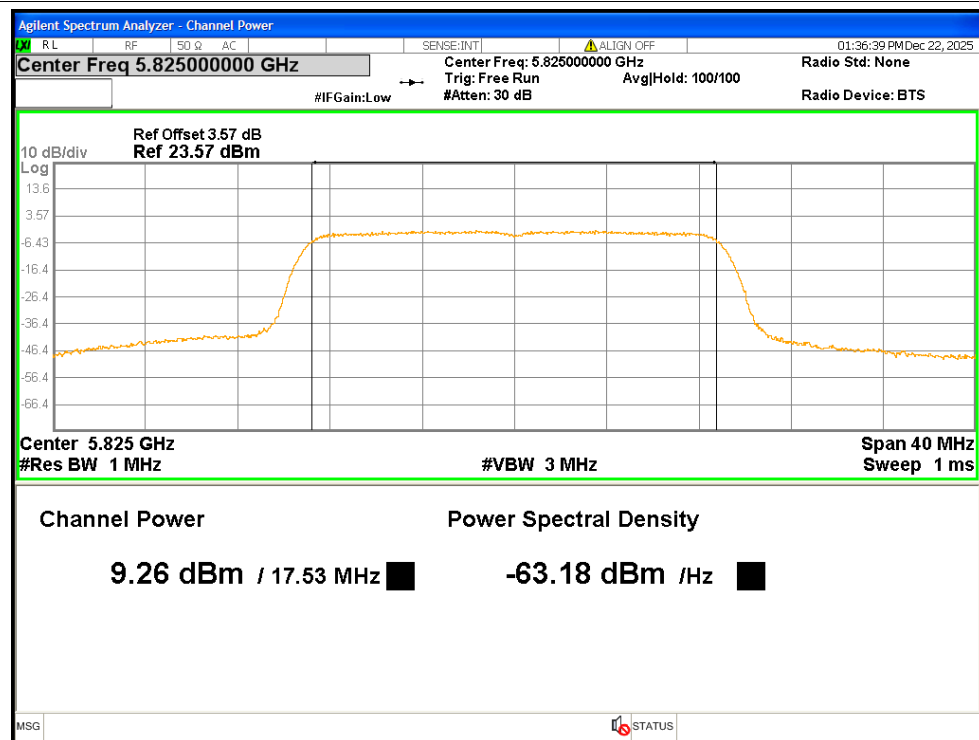
Power NVNT n20 5785MHz Ant2



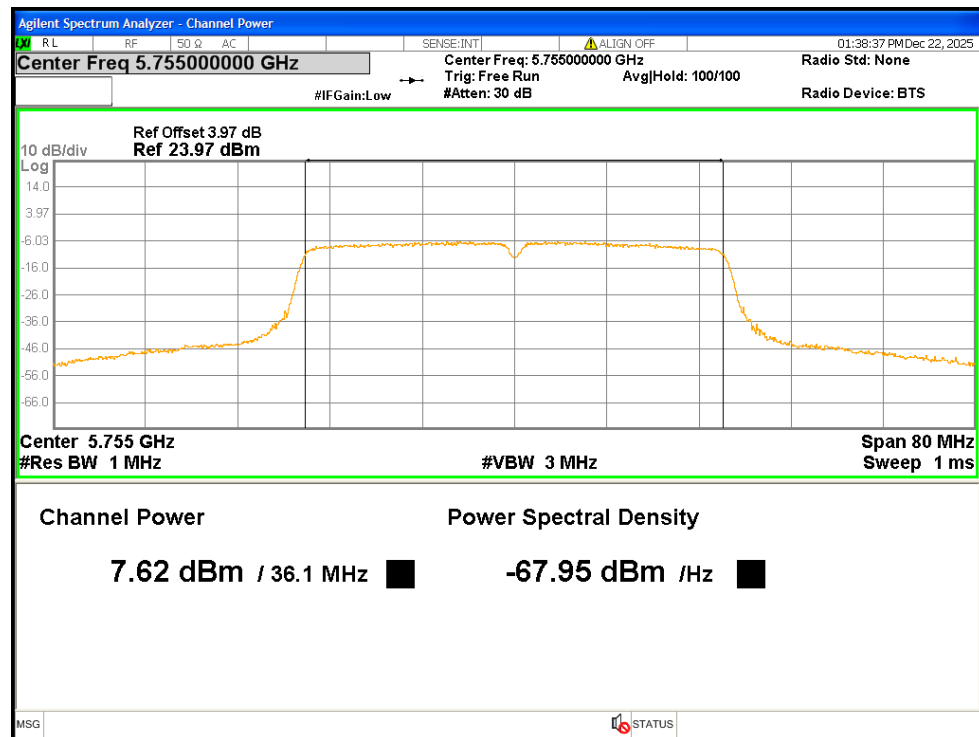
Power NVNT n20 5825MHz Ant1



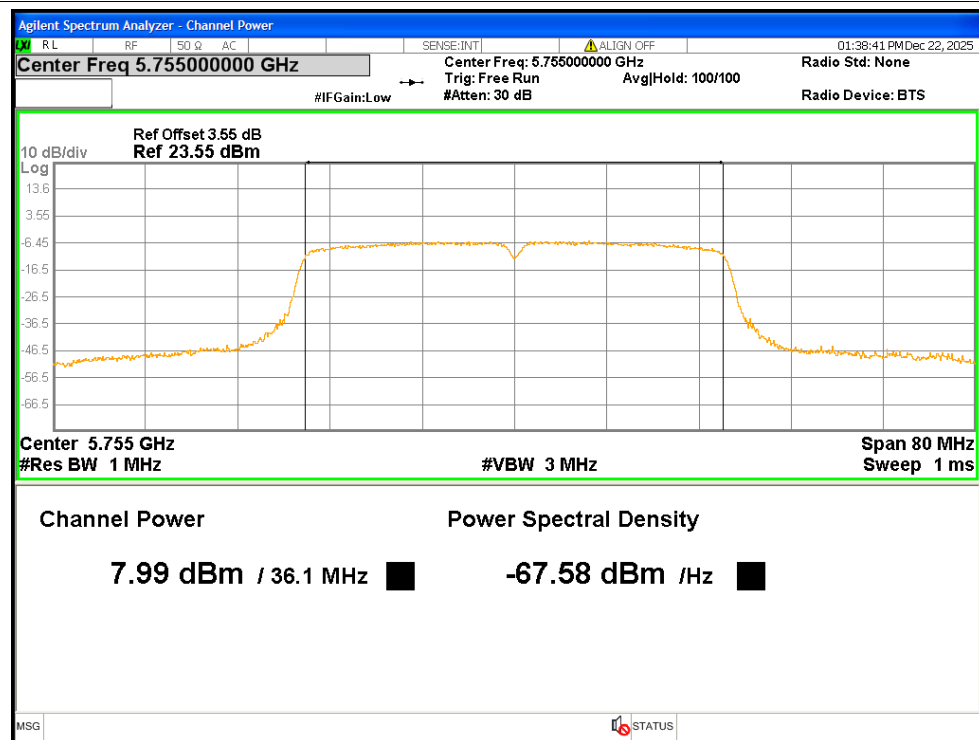
Power NVNT n20 5825MHz Ant2



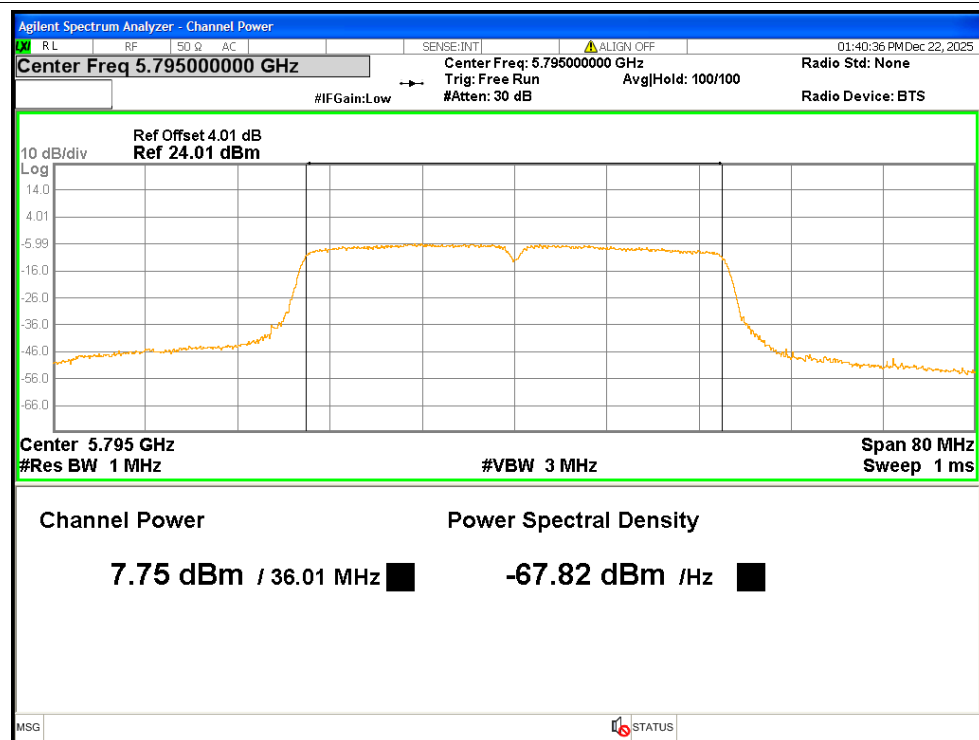
Power NVNT n40 5755MHz Ant1



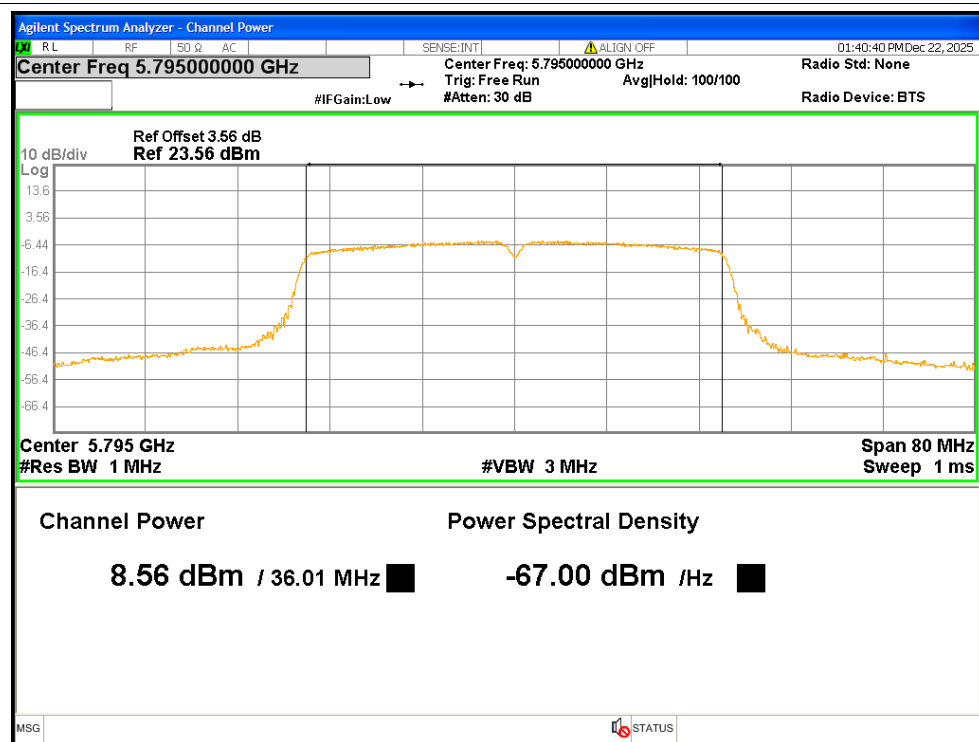
Power NVNT n40 5755MHz Ant2



Power NVNT n40 5795MHz Ant1



Power NVNT n40 5795MHz Ant2

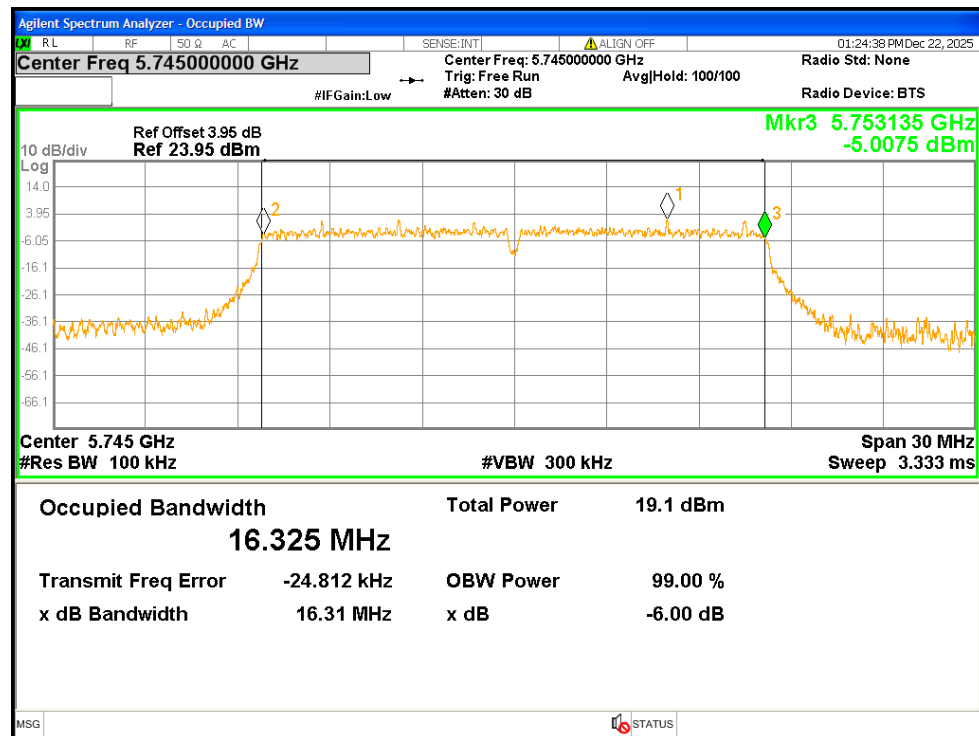


-6dB Bandwidth

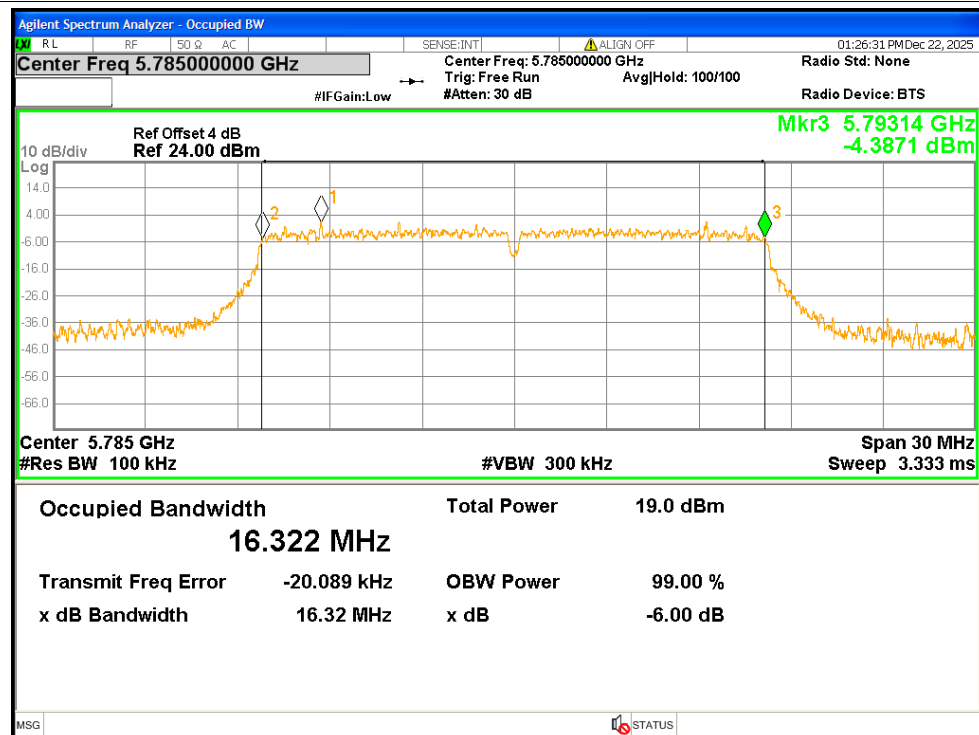
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.31	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.32	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.32	≥ 0.5	Pass
NVNT	a	5745	Ant2	16.32	≥ 0.5	Pass
NVNT	a	5785	Ant2	16.32	≥ 0.5	Pass
NVNT	a	5825	Ant2	16.33	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.31	≥ 0.5	Pass
NVNT	n20	5745	Ant2	17.52	≥ 0.5	Pass
NVNT	n20	5785	Ant1	16.56	≥ 0.5	Pass
NVNT	n20	5785	Ant2	17.29	≥ 0.5	Pass
NVNT	n20	5825	Ant1	16.92	≥ 0.5	Pass
NVNT	n20	5825	Ant2	16.98	≥ 0.5	Pass
NVNT	n40	5755	Ant1	34.2	≥ 0.5	Pass
NVNT	n40	5755	Ant2	35.28	≥ 0.5	Pass
NVNT	n40	5795	Ant1	34.94	≥ 0.5	Pass
NVNT	n40	5795	Ant2	31.09	≥ 0.5	Pass

Test Graphs

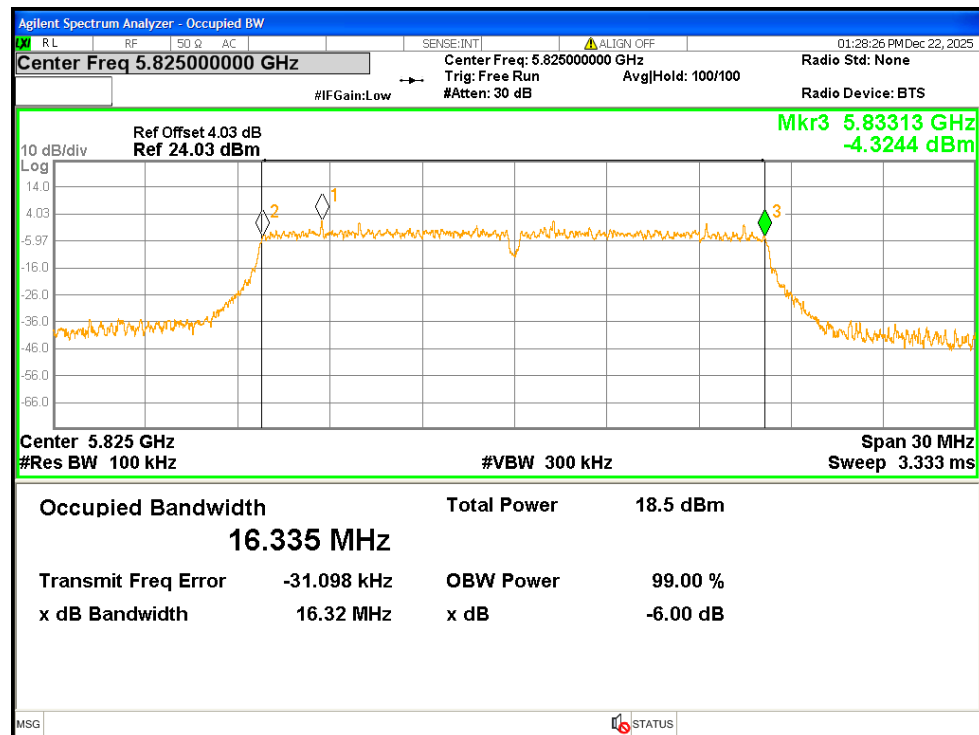
-6dB Bandwidth NVNT a 5745MHz Ant1



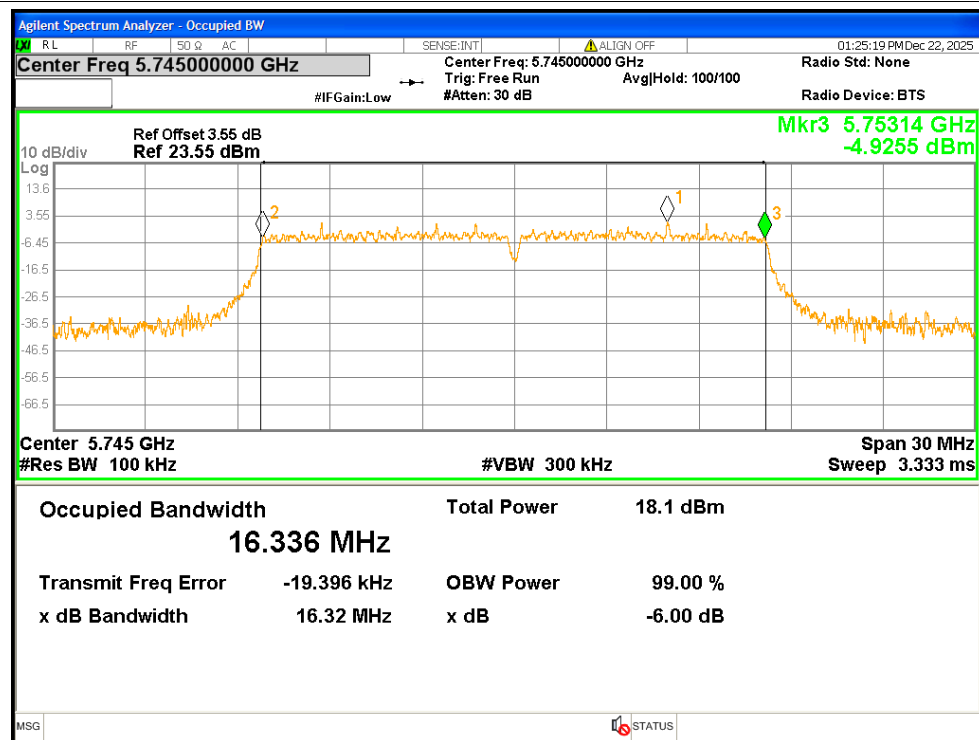
-6dB Bandwidth NVNT a 5785MHz Ant1



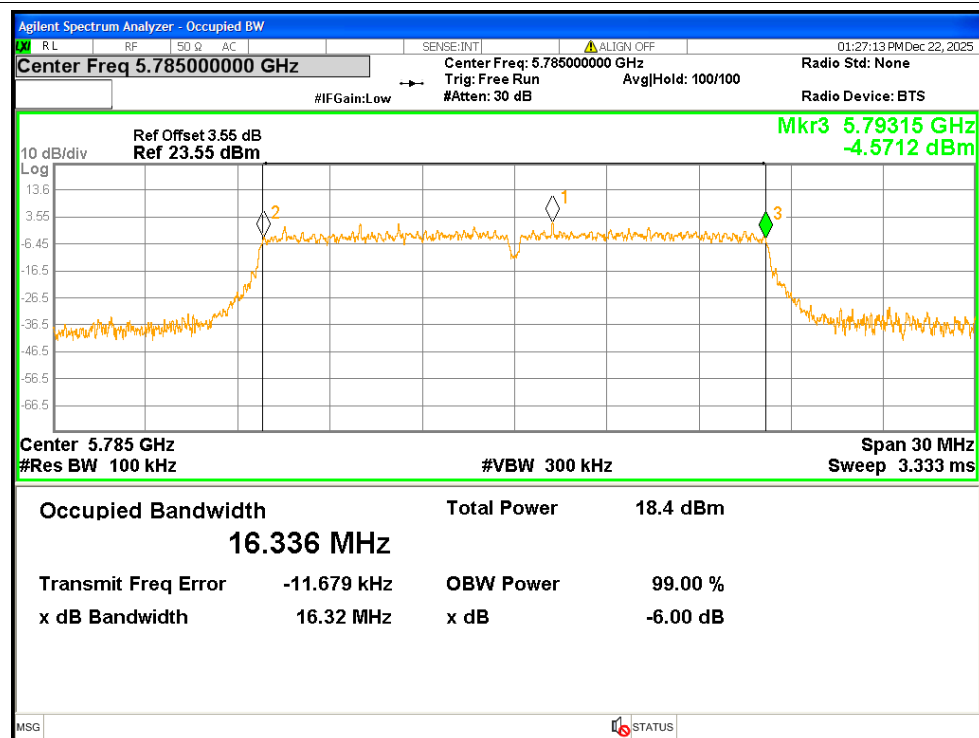
-6dB Bandwidth NVNT a 5825MHz Ant1



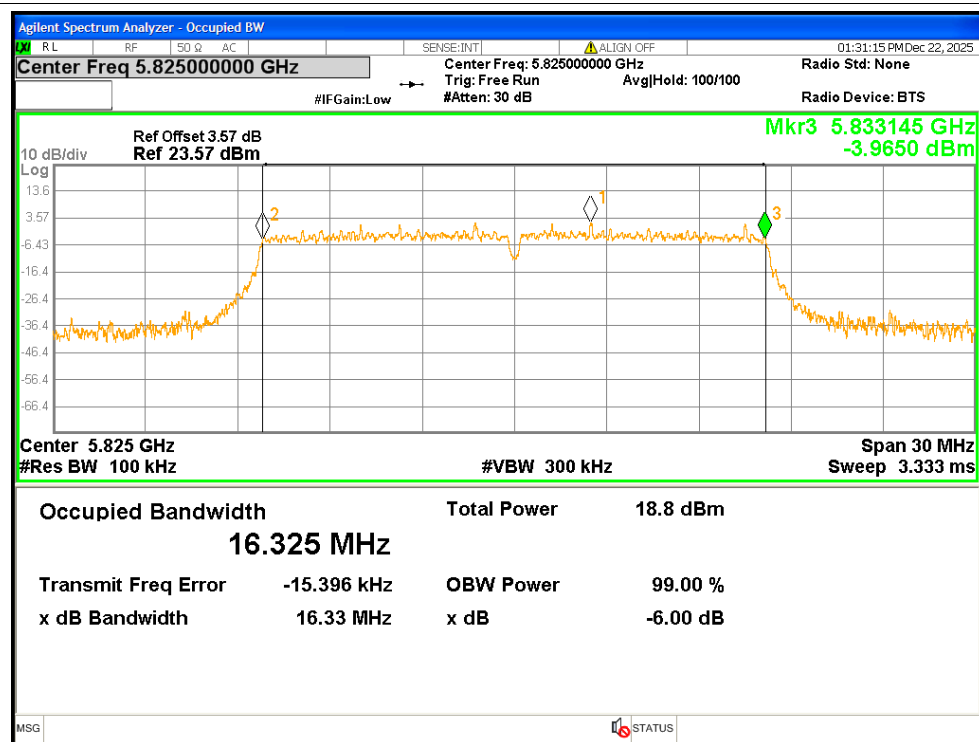
-6dB Bandwidth NVNT a 5745MHz Ant2



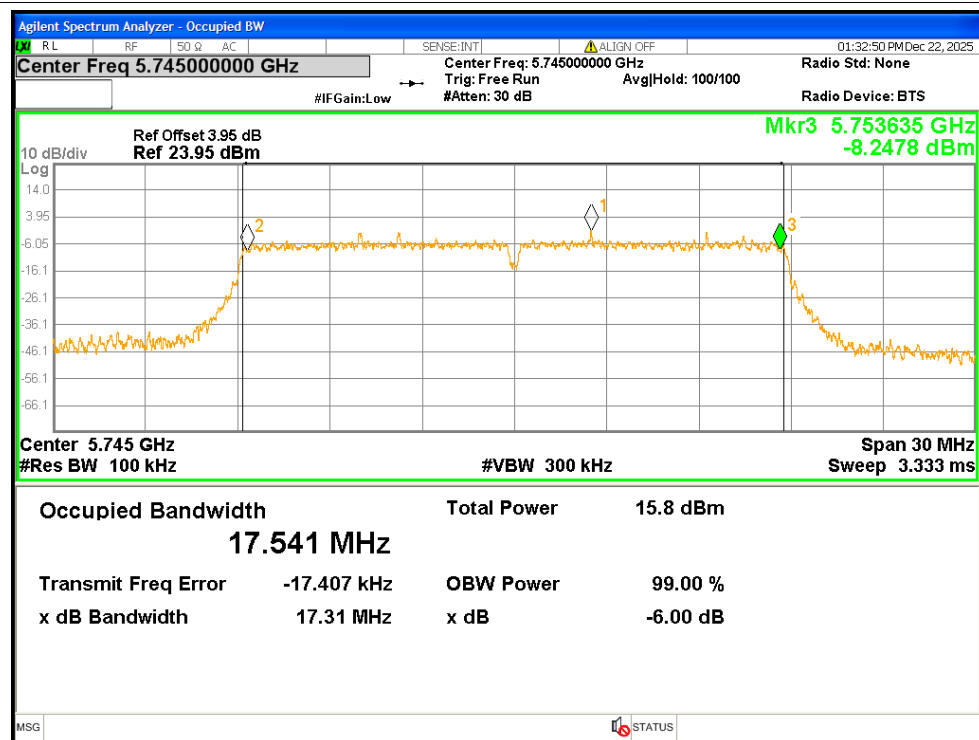
-6dB Bandwidth NVNT a 5785MHz Ant2



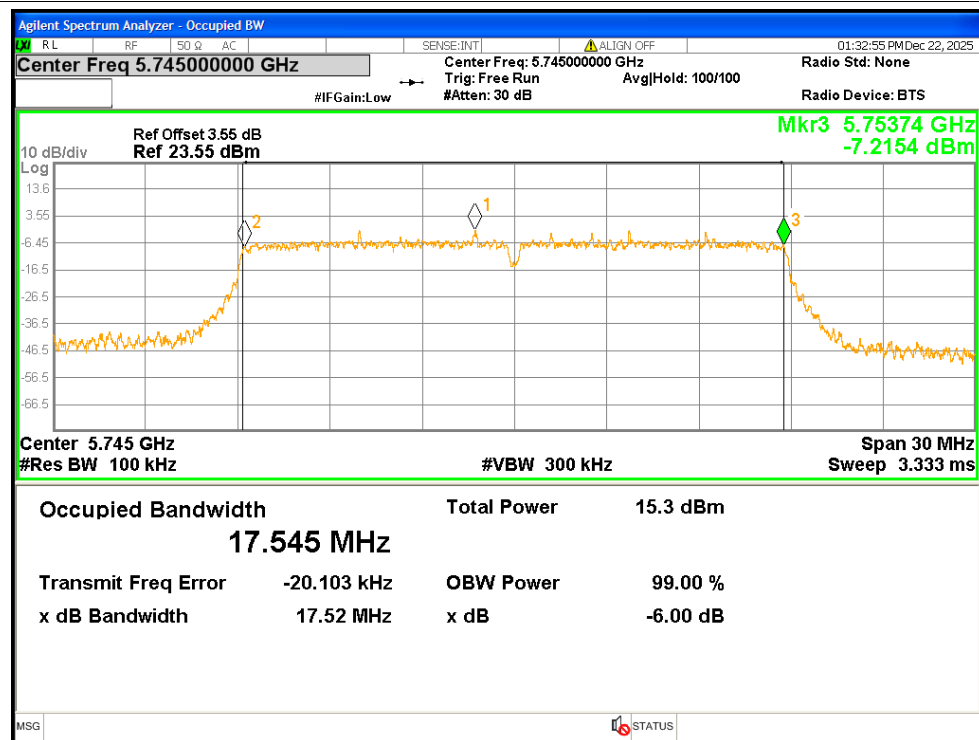
-6dB Bandwidth NVNT a 5825MHz Ant2



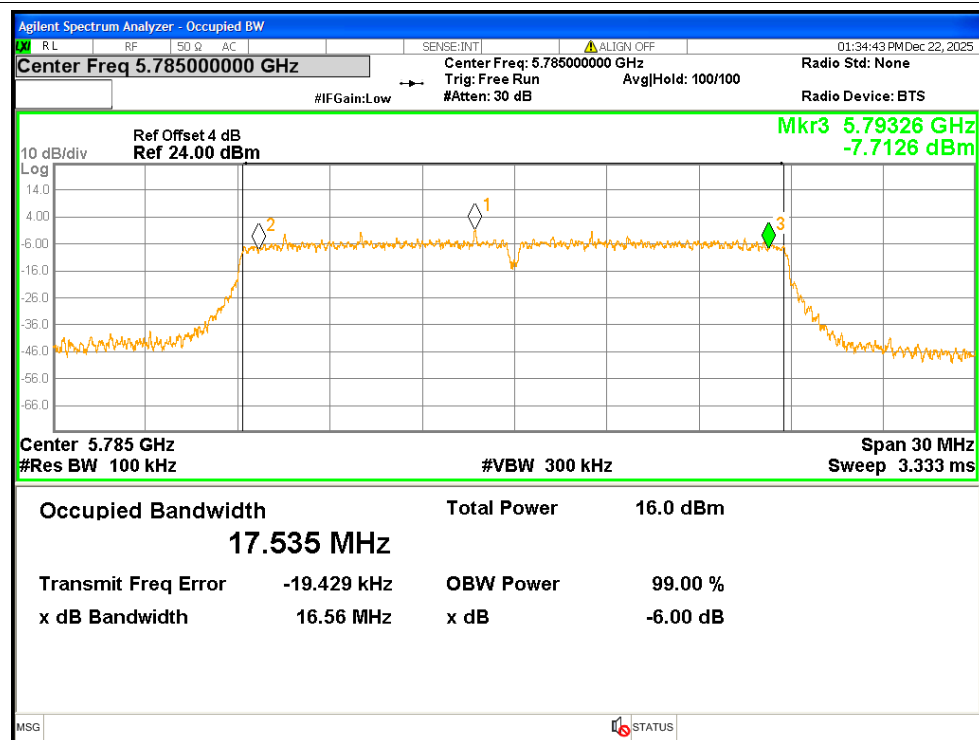
-6dB Bandwidth NVNT n20 5745MHz Ant1



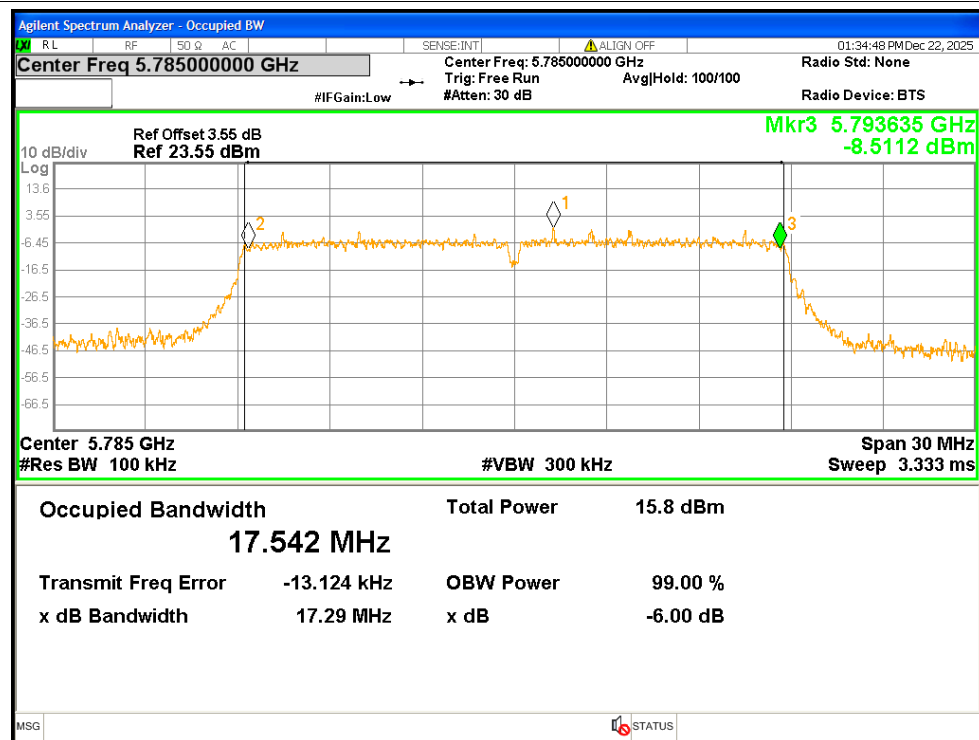
-6dB Bandwidth NVNT n20 5745MHz Ant2



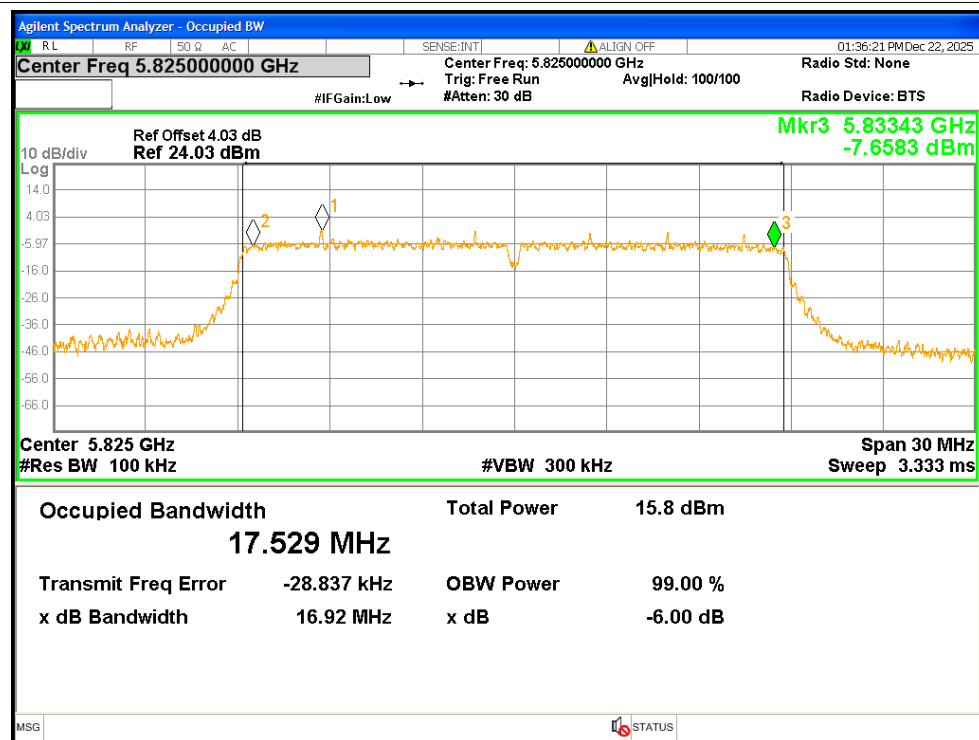
-6dB Bandwidth NVNT n20 5785MHz Ant1



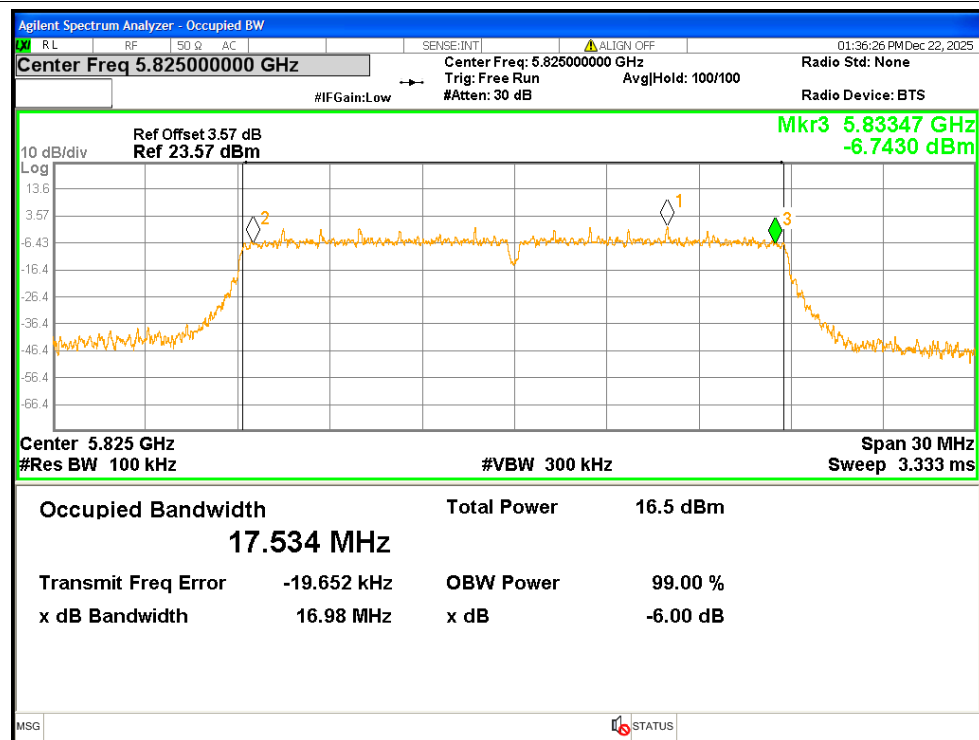
-6dB Bandwidth NVNT n20 5785MHz Ant2



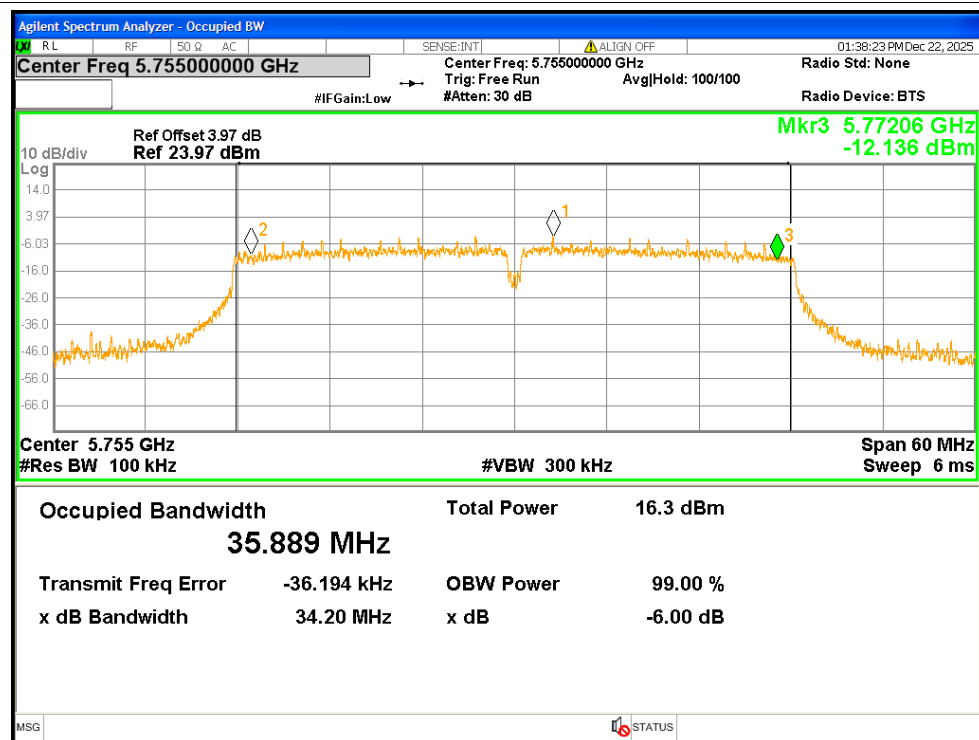
-6dB Bandwidth NVNT n20 5825MHz Ant1



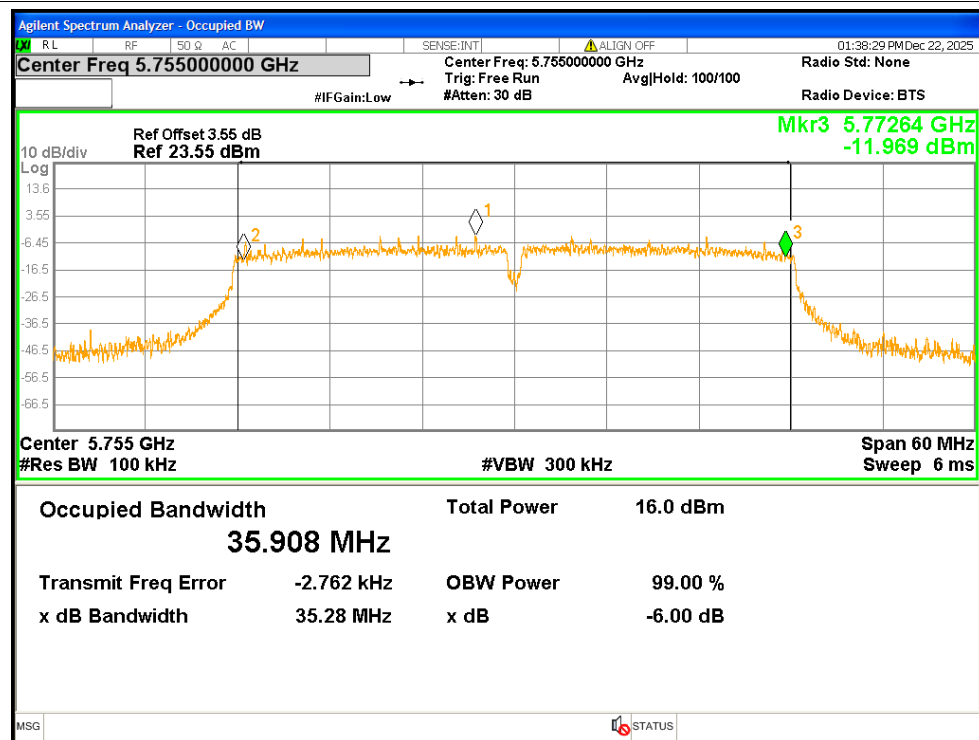
-6dB Bandwidth NVNT n20 5825MHz Ant2



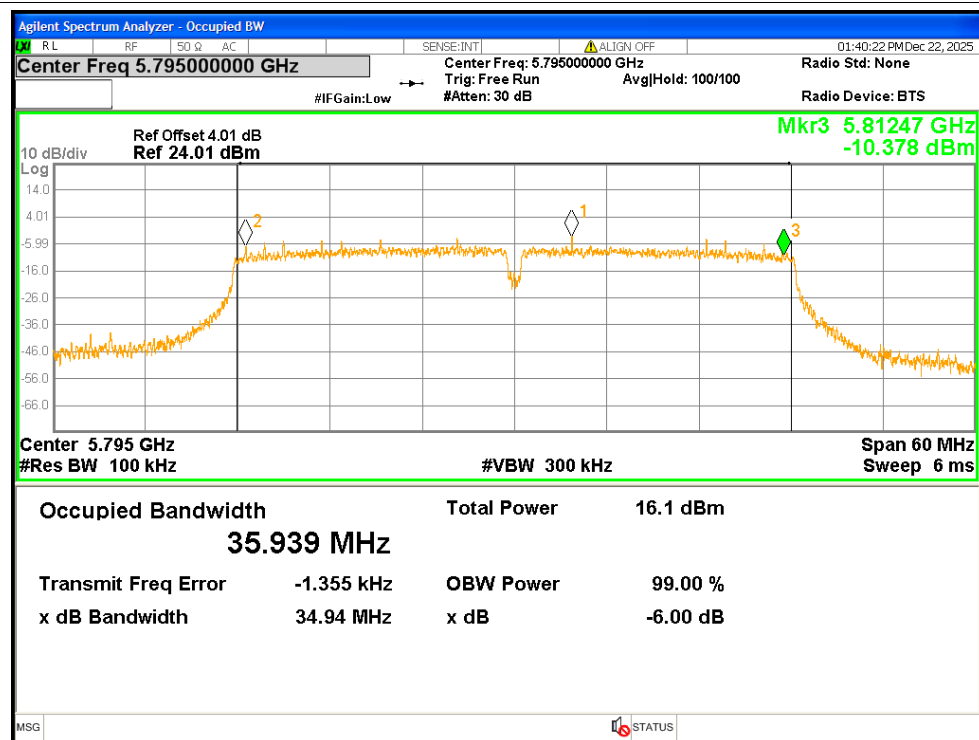
-6dB Bandwidth NVNT n40 5755MHz Ant1



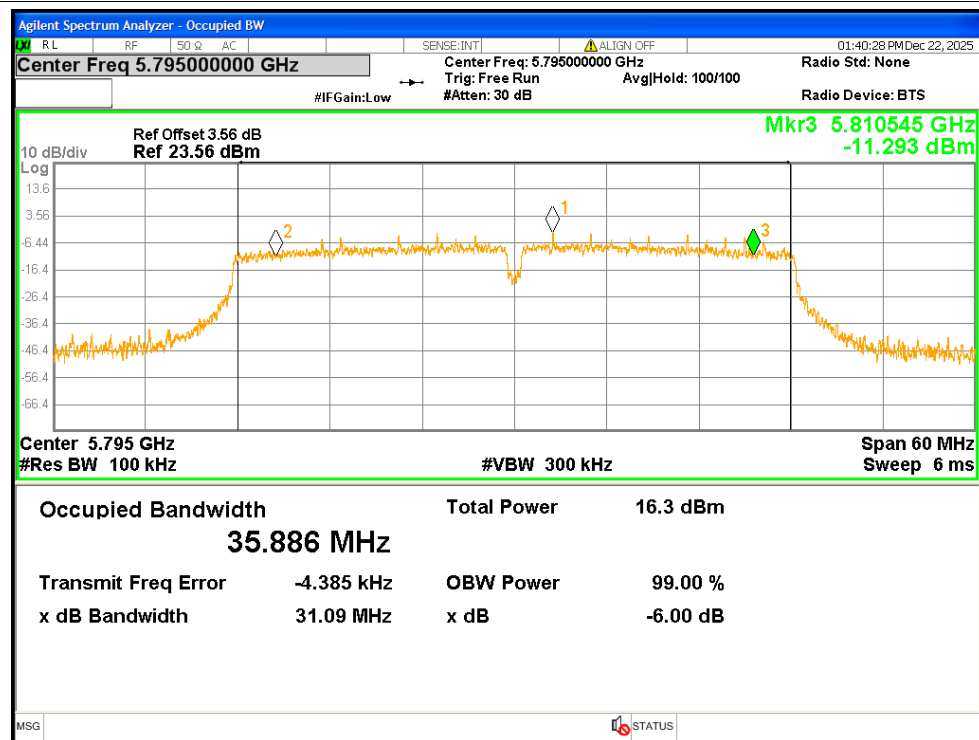
-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant2

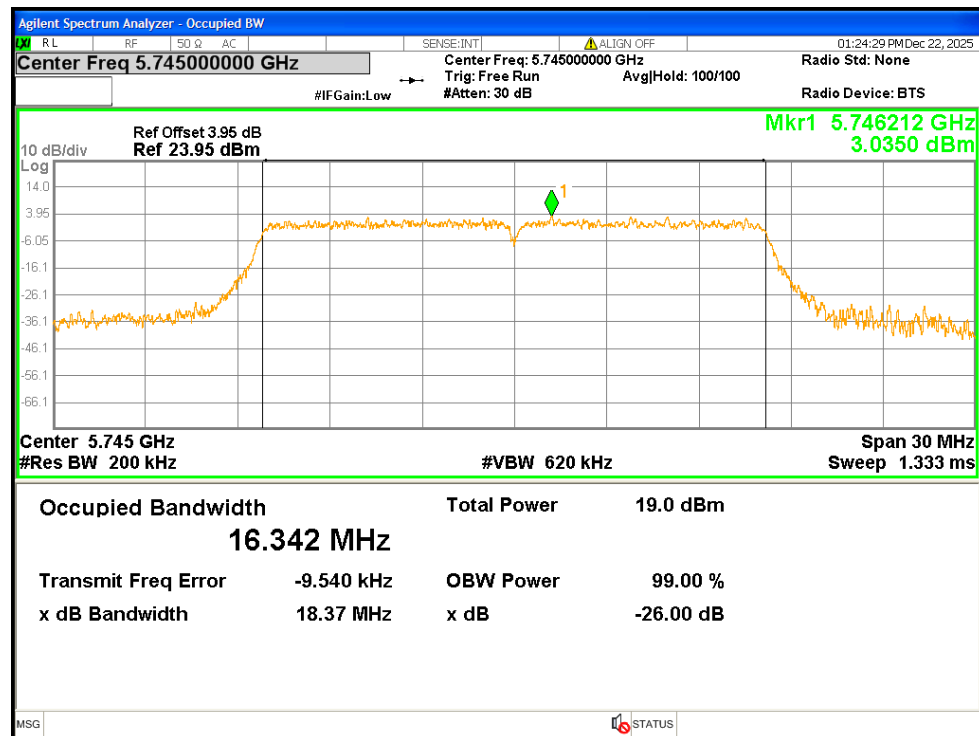


Occupied Channel Bandwidth

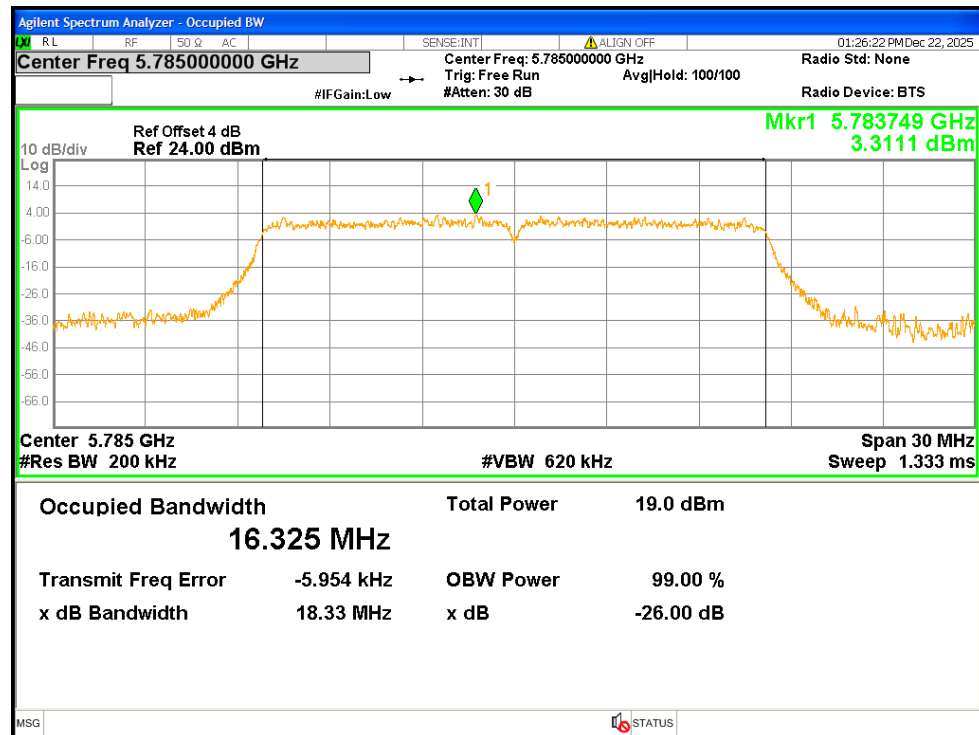
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.342
NVNT	a	5785	Ant1	16.325
NVNT	a	5825	Ant1	16.358
NVNT	a	5745	Ant2	16.361
NVNT	a	5785	Ant2	16.369
NVNT	a	5825	Ant2	16.348
NVNT	n20	5745	Ant1	17.534
NVNT	n20	5745	Ant2	17.535
NVNT	n20	5785	Ant1	17.509
NVNT	n20	5785	Ant2	17.54
NVNT	n20	5825	Ant1	17.532
NVNT	n20	5825	Ant2	17.523
NVNT	n40	5755	Ant1	36.042
NVNT	n40	5755	Ant2	36.101
NVNT	n40	5795	Ant1	36.012
NVNT	n40	5795	Ant2	36.005

Test Graphs

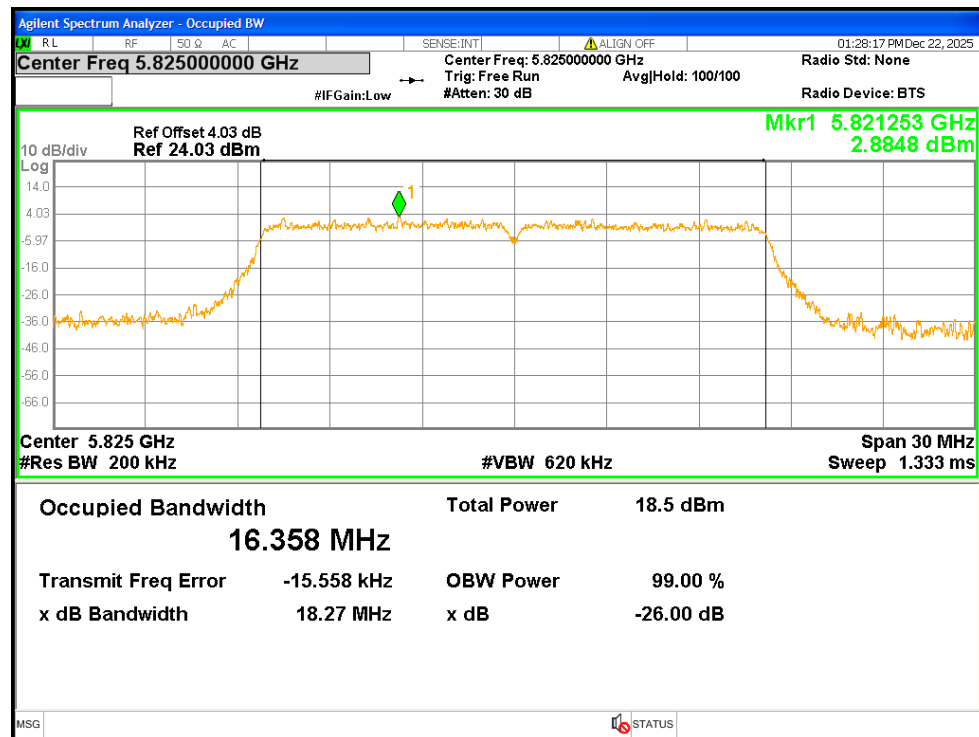
OBW NVNT a 5745MHz Ant1



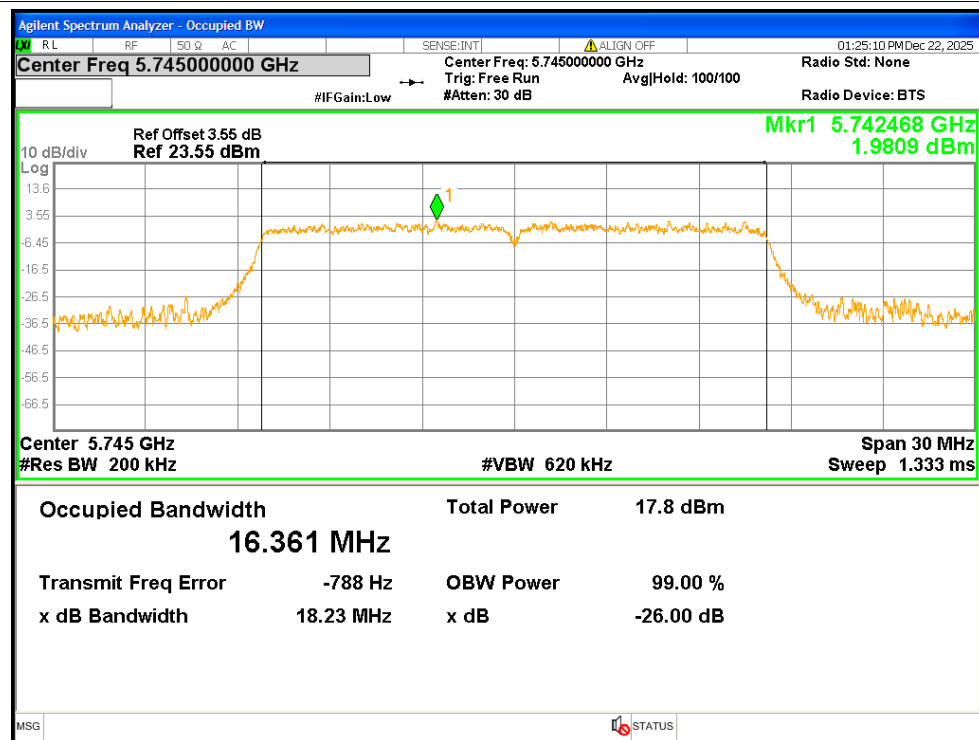
OBW NVNT a 5785MHz Ant1



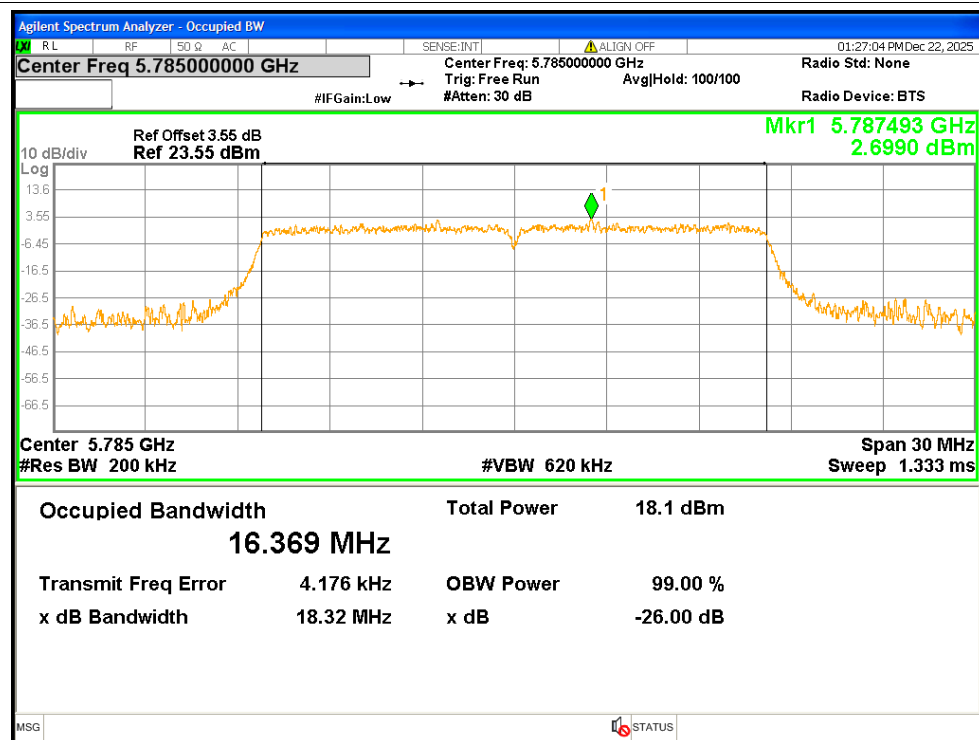
OBW NVNT a 5825MHz Ant1



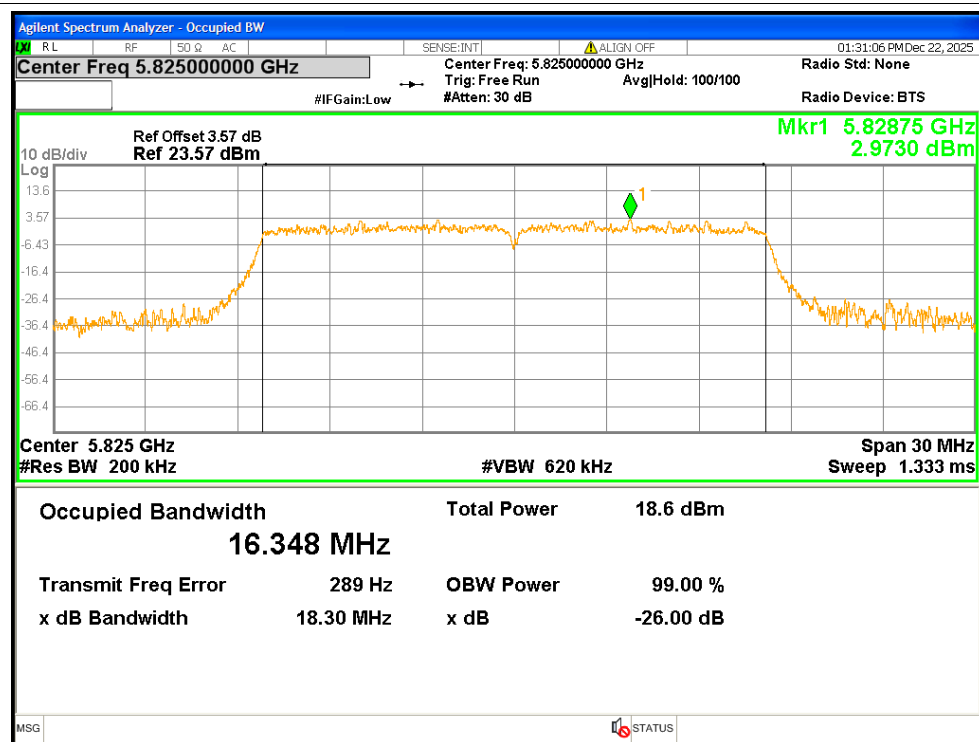
OBW NVNT a 5745MHz Ant2



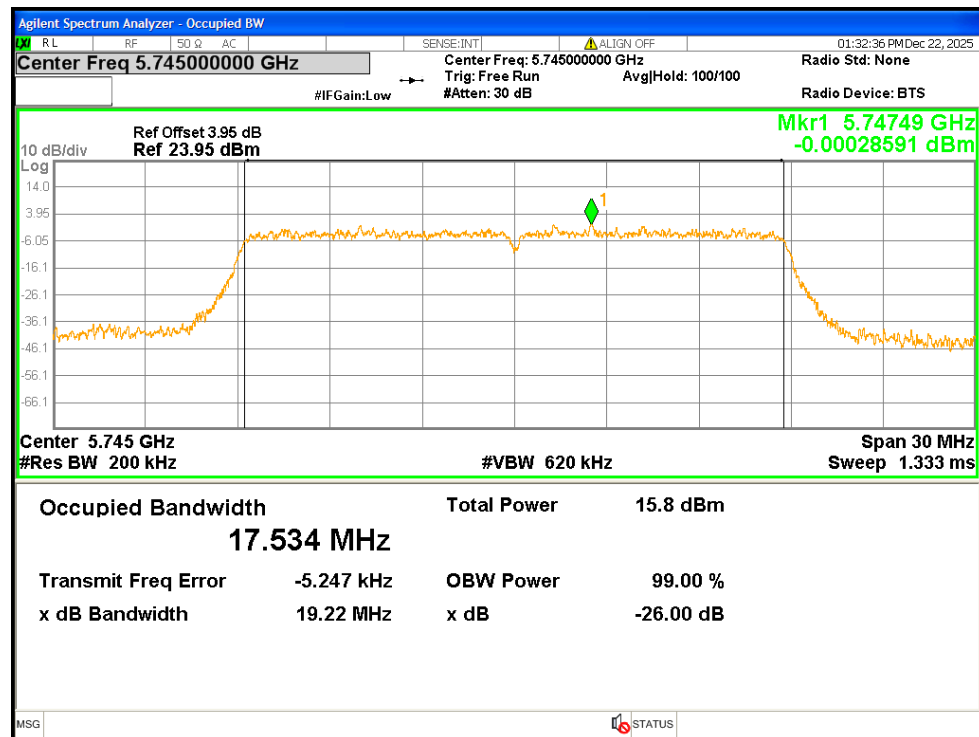
OBW NVNT a 5785MHz Ant2



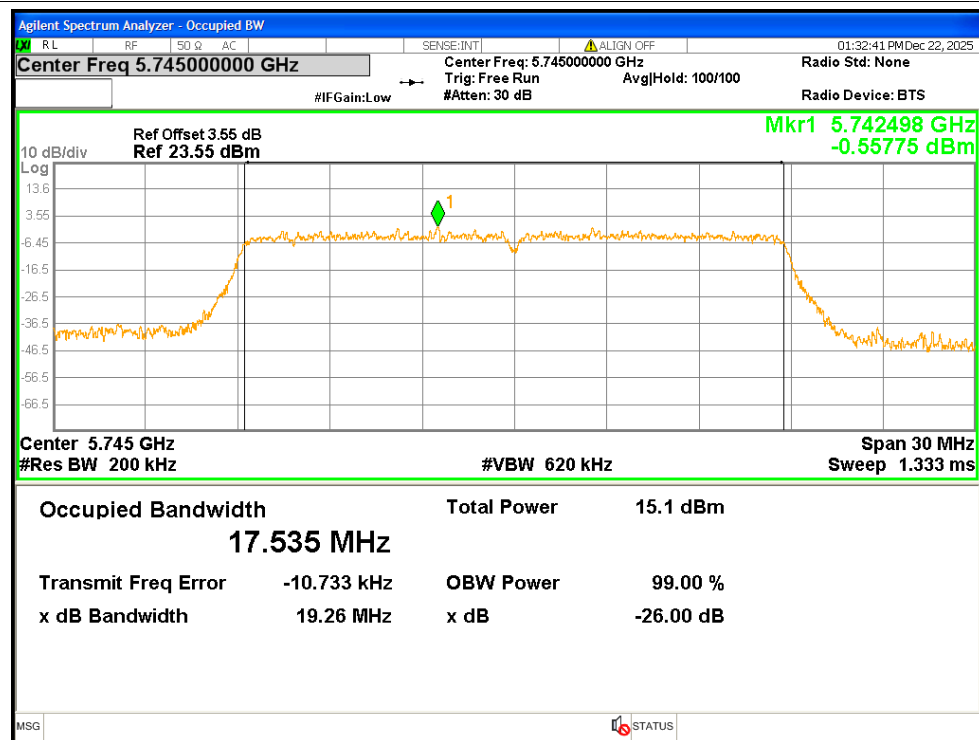
OBW NVNT a 5825MHz Ant2



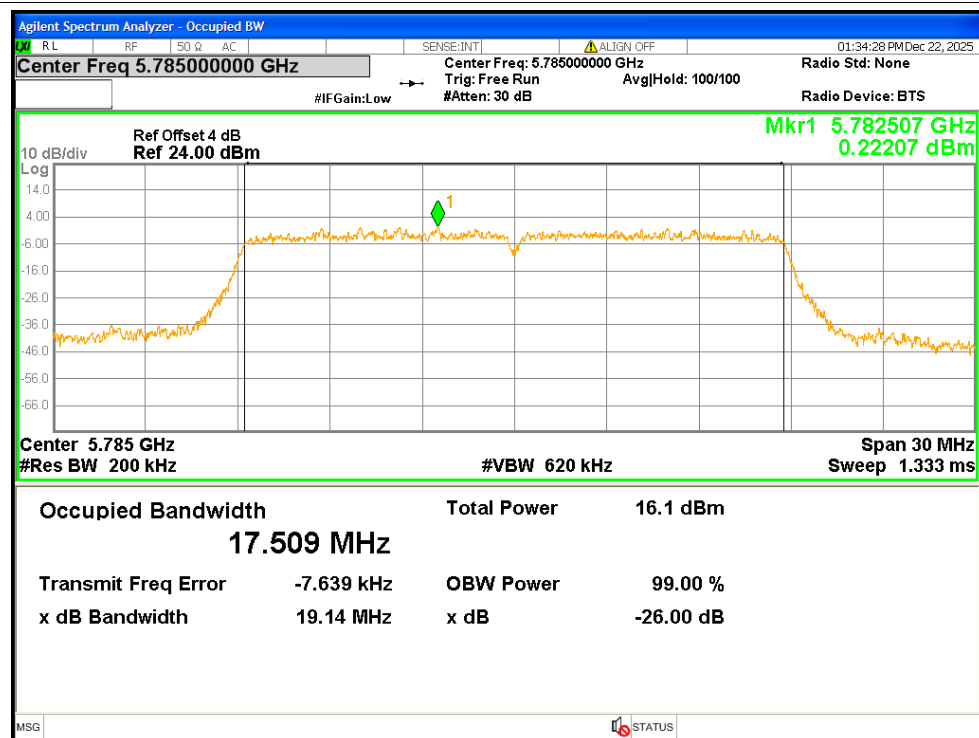
OBW NVNT n20 5745MHz Ant1



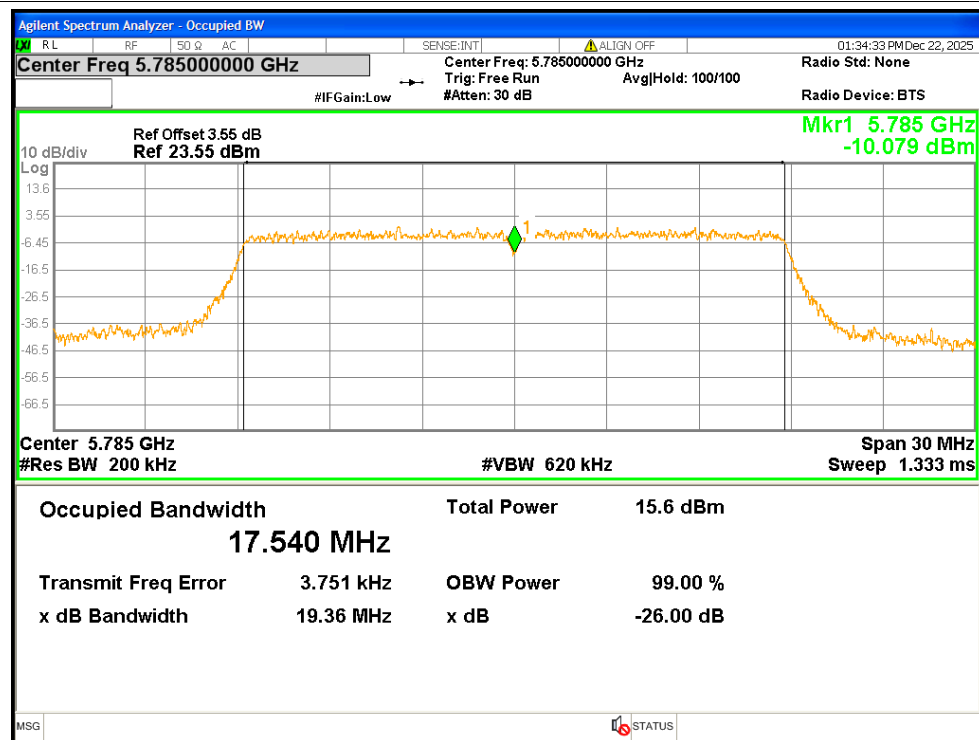
OBW NVNT n20 5745MHz Ant2



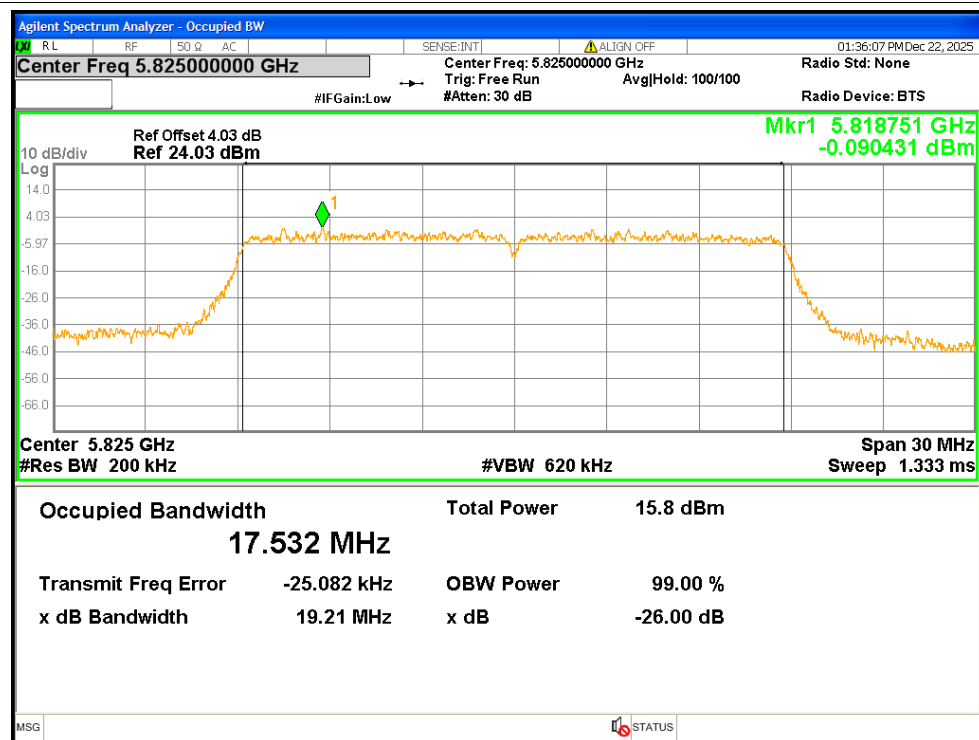
OBW NVNT n20 5785MHz Ant1



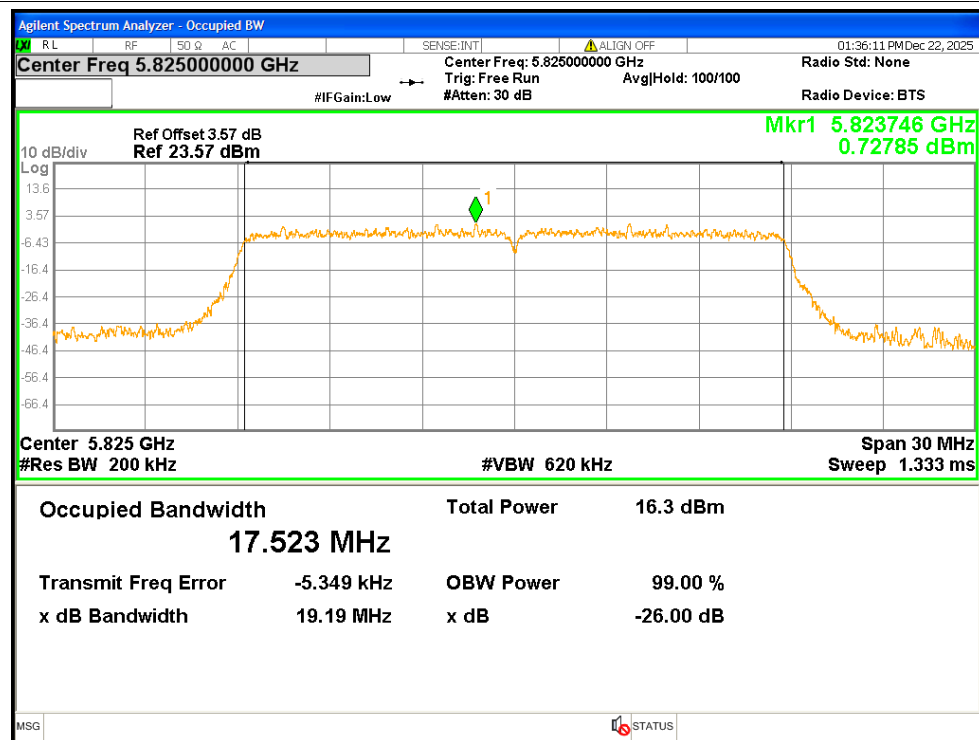
OBW NVNT n20 5785MHz Ant2



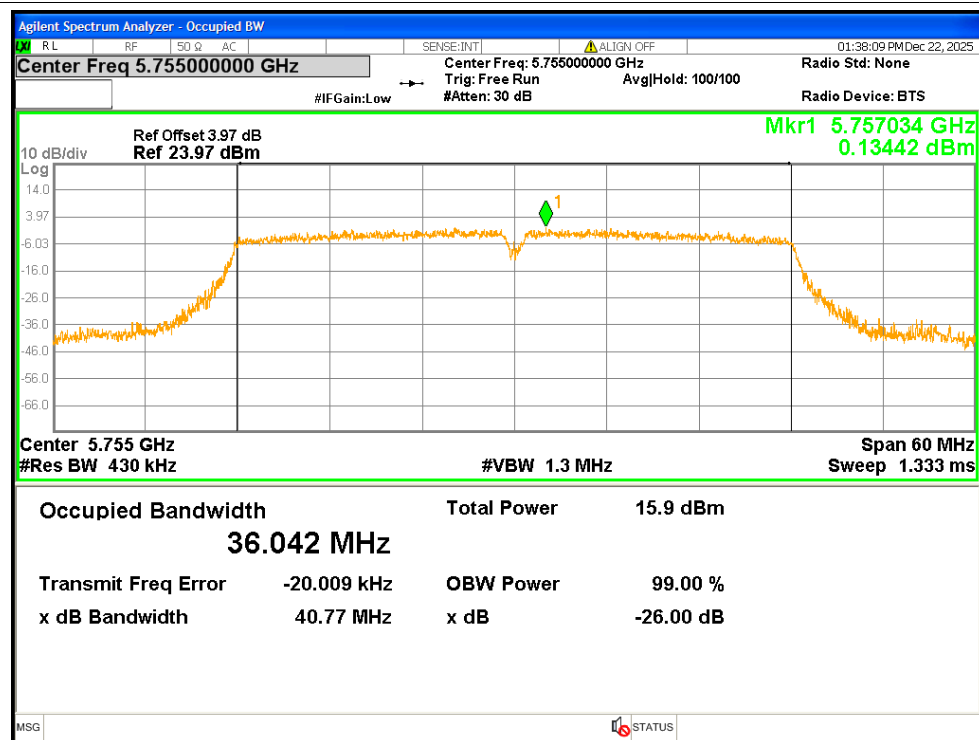
OBW NVNT n20 5825MHz Ant1



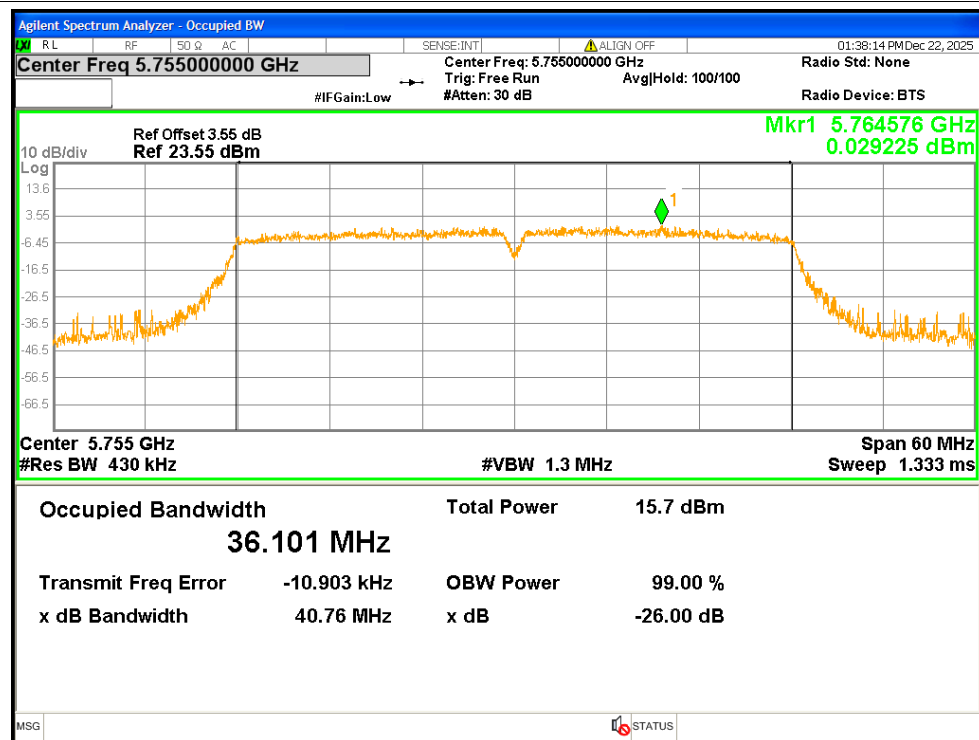
OBW NVNT n20 5825MHz Ant2



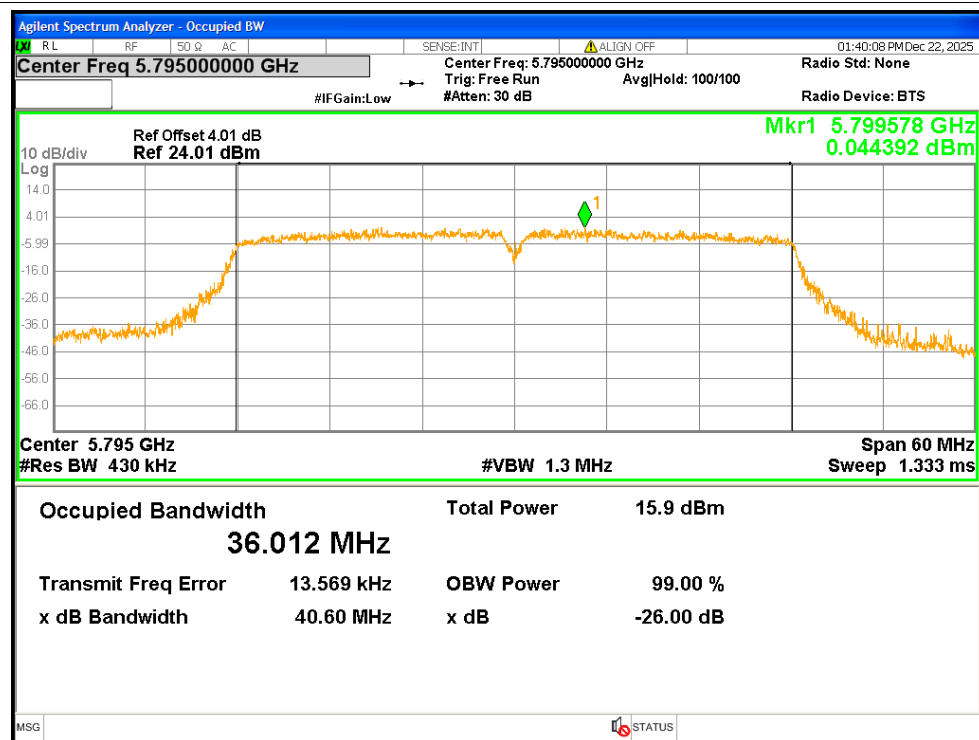
OBW NVNT n40 5755MHz Ant1



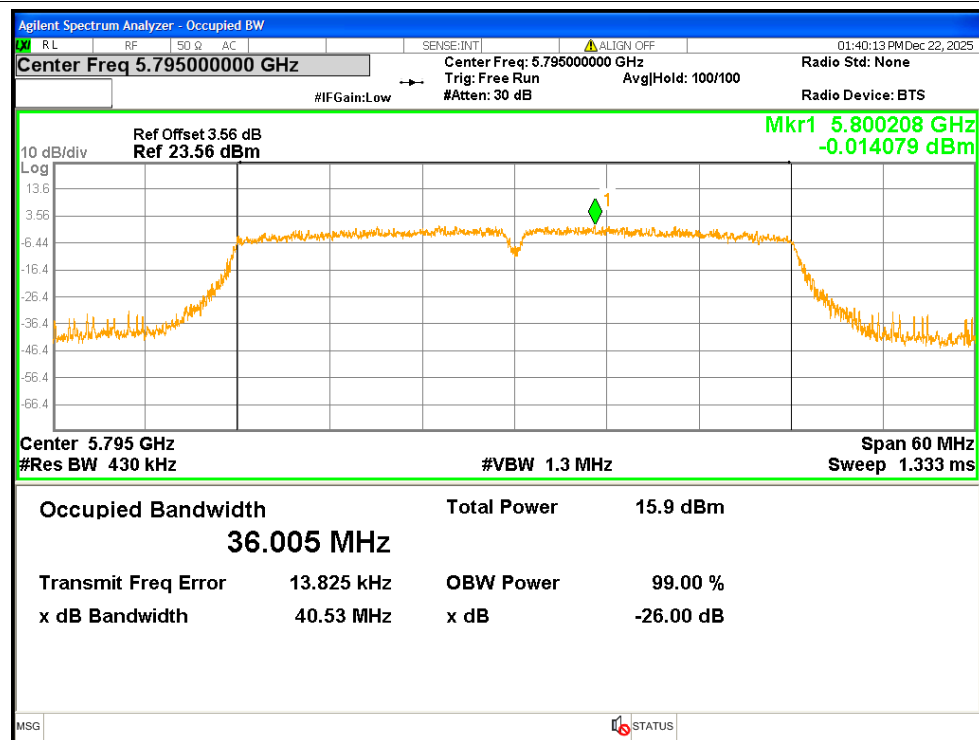
OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5795MHz Ant2

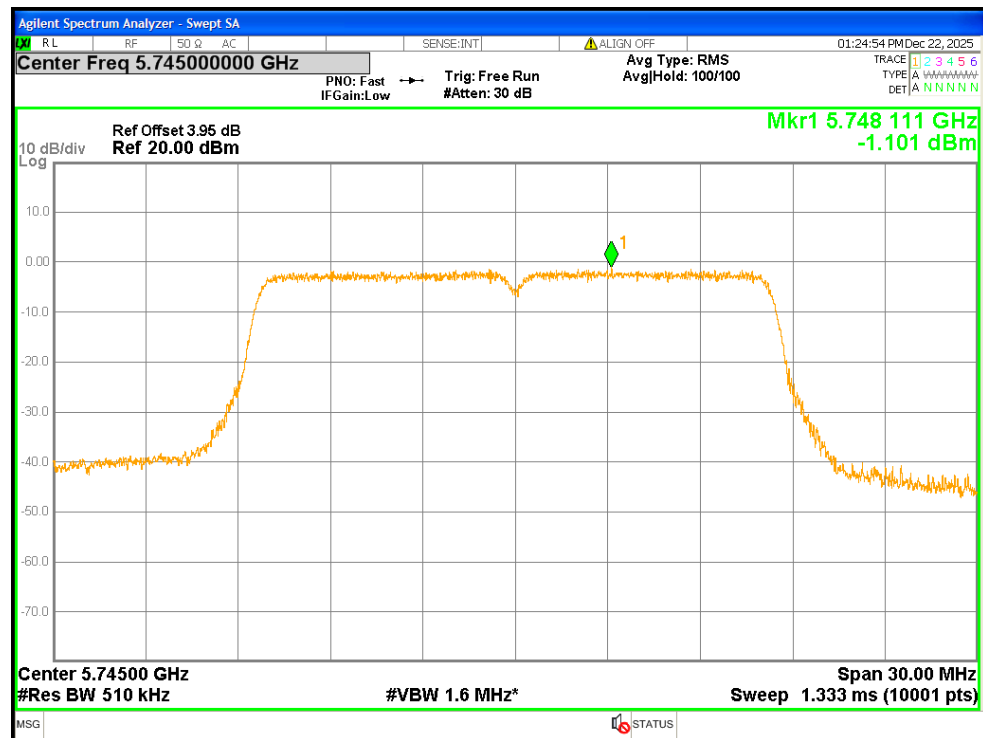


Maximum Power Spectral Density Level

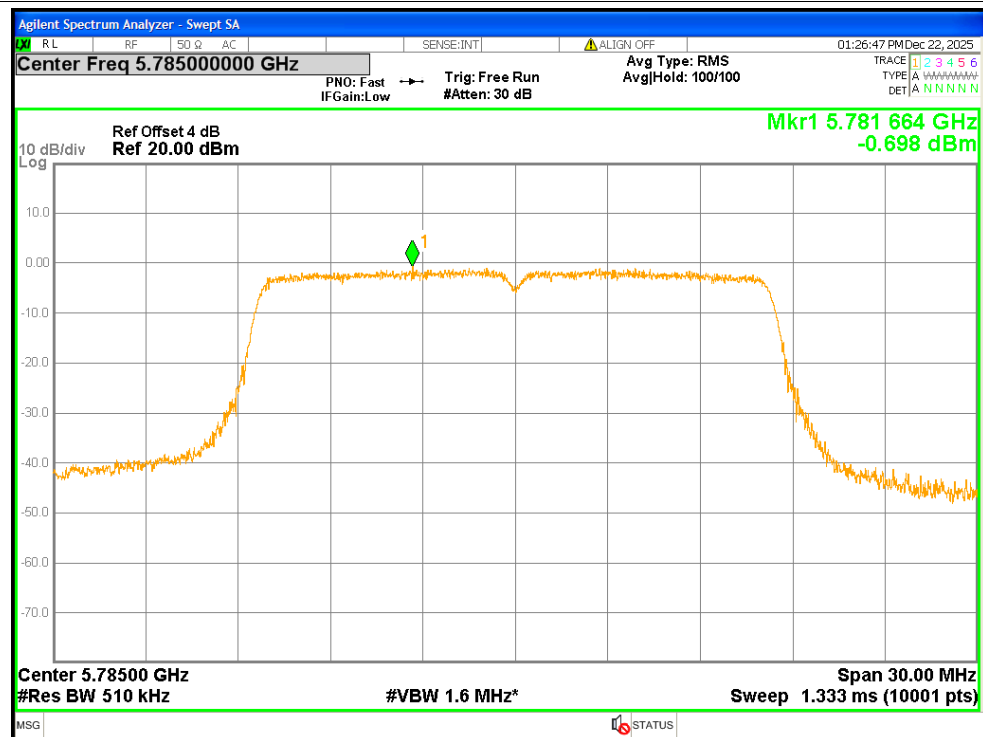
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	Total PSD (dBm/510kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	-1.101	1.36	0.259	0.17	<=30	Pass
NVNT	a	5785	Ant1	-0.698	1.36	0.662	0.58	<=30	Pass
NVNT	a	5825	Ant1	-1.788	1.36	-0.428	-0.51	<=30	Pass
NVNT	a	5745	Ant2	-2.148	1.36	-0.788	-0.87	<=30	Pass
NVNT	a	5785	Ant2	-1.364	1.36	-0.004	-0.09	<=30	Pass
NVNT	a	5825	Ant2	-1.324	1.36	0.036	-0.05	<=30	Pass
NVNT	n20	5745	Ant1	-4.903	1.44	-3.463	-3.55	<=30	Pass
NVNT	n20	5745	Ant2	-5.118	1.44	-3.678	-3.76	<=30	Pass
NVNT	n20	5745	MIMO	-1.999	1.44	-0.559	-0.65	<=29.96	Pass
NVNT	n20	5785	Ant1	-4.338	1.44	-2.898	-2.98	<=30	Pass
NVNT	n20	5785	Ant2	-4.946	1.44	-3.506	-3.59	<=30	Pass
NVNT	n20	5785	MIMO	-1.621	1.44	-0.181	-0.27	<=29.96	Pass
NVNT	n20	5825	Ant1	-4.733	1.44	-3.293	-3.38	<=30	Pass
NVNT	n20	5825	Ant2	-4.131	1.44	-2.691	-2.78	<=30	Pass
NVNT	n20	5825	MIMO	-1.411	1.44	0.029	-0.06	<=29.96	Pass
NVNT	n40	5755	Ant1	-7.61	2.53	-5.08	-5.17	<=30	Pass
NVNT	n40	5755	Ant2	-8.256	2.53	-5.726	-5.81	<=30	Pass
NVNT	n40	5755	MIMO	-4.911	2.53	-2.381	-2.47	<=29.96	Pass
NVNT	n40	5795	Ant1	-7.929	2.53	-5.399	-5.49	<=30	Pass
NVNT	n40	5795	Ant2	-7.649	2.53	-5.119	-5.21	<=30	Pass
NVNT	n40	5795	MIMO	-4.776	2.53	-2.246	-2.33	<=29.96	Pass

Test Graphs

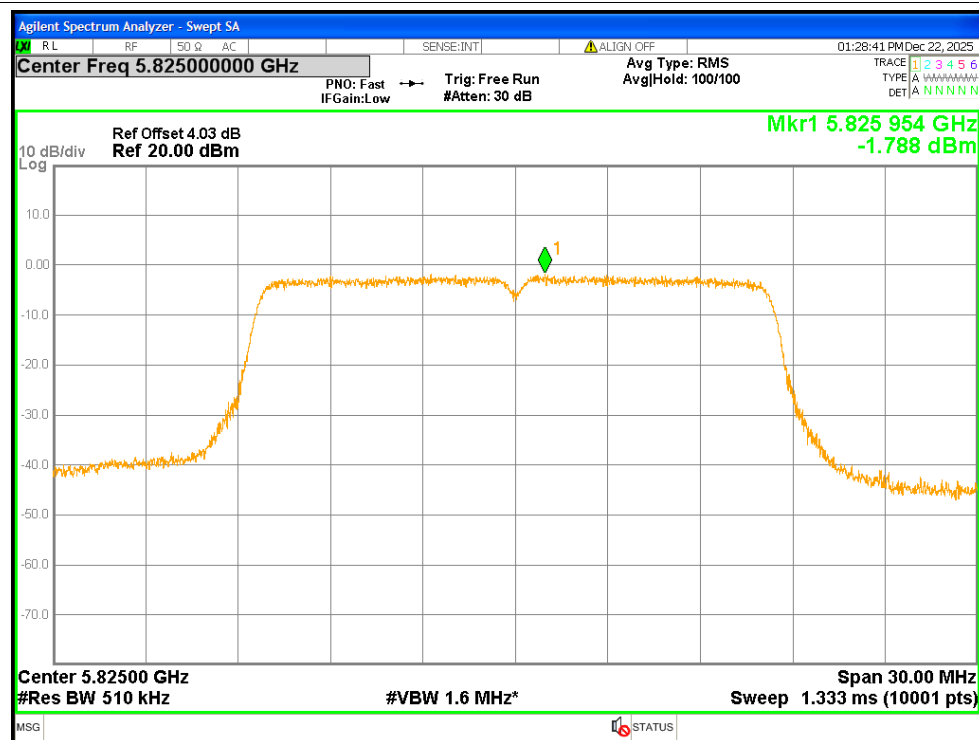
PSD NVNT a 5745MHz Ant1



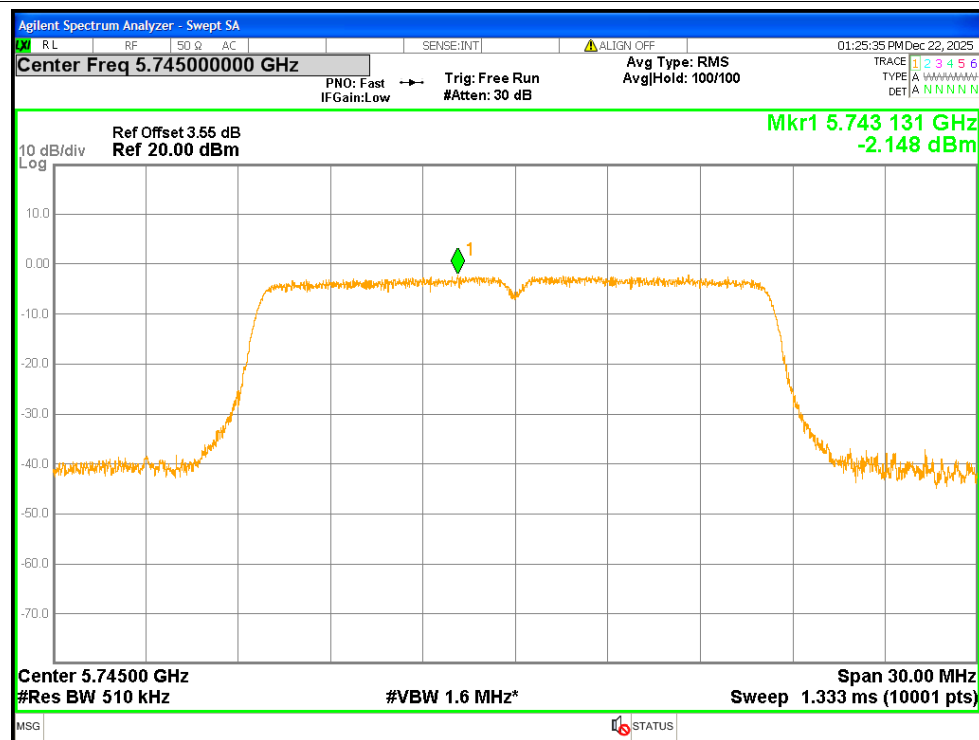
PSD NVNT a 5785MHz Ant1



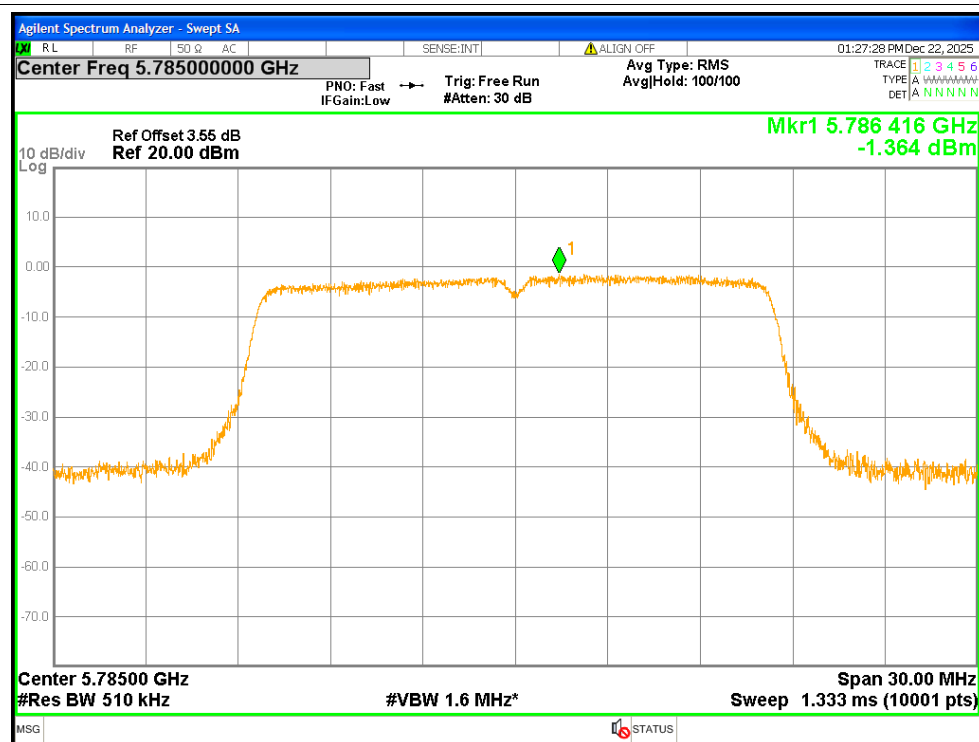
PSD NVNT a 5825MHz Ant1



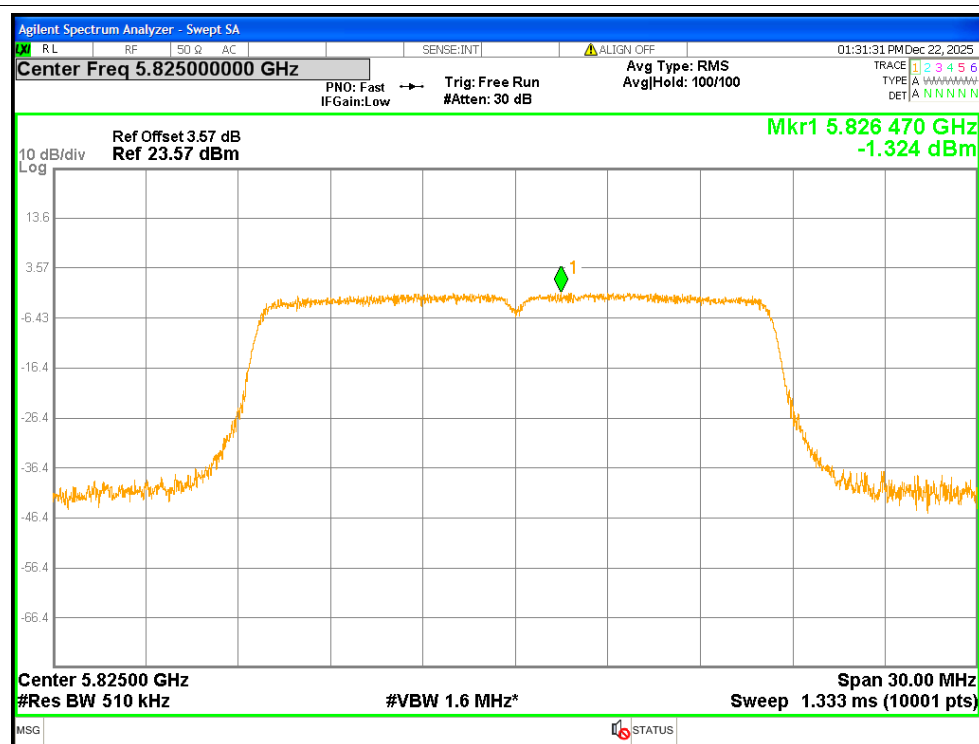
PSD NVNT a 5745MHz Ant2



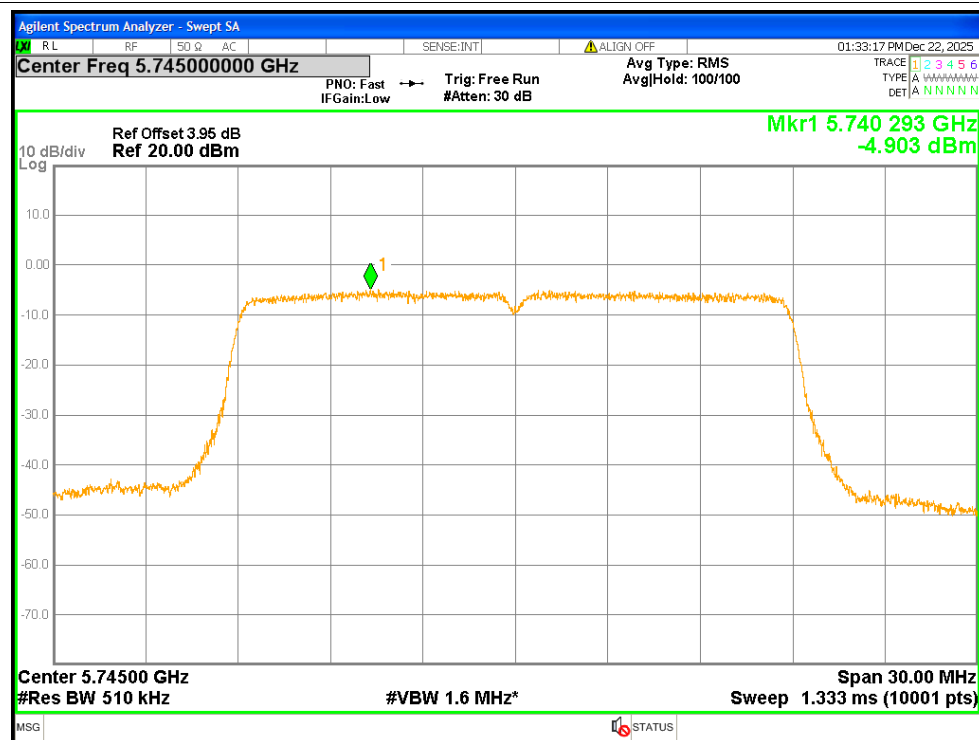
PSD NVNT a 5785MHz Ant2



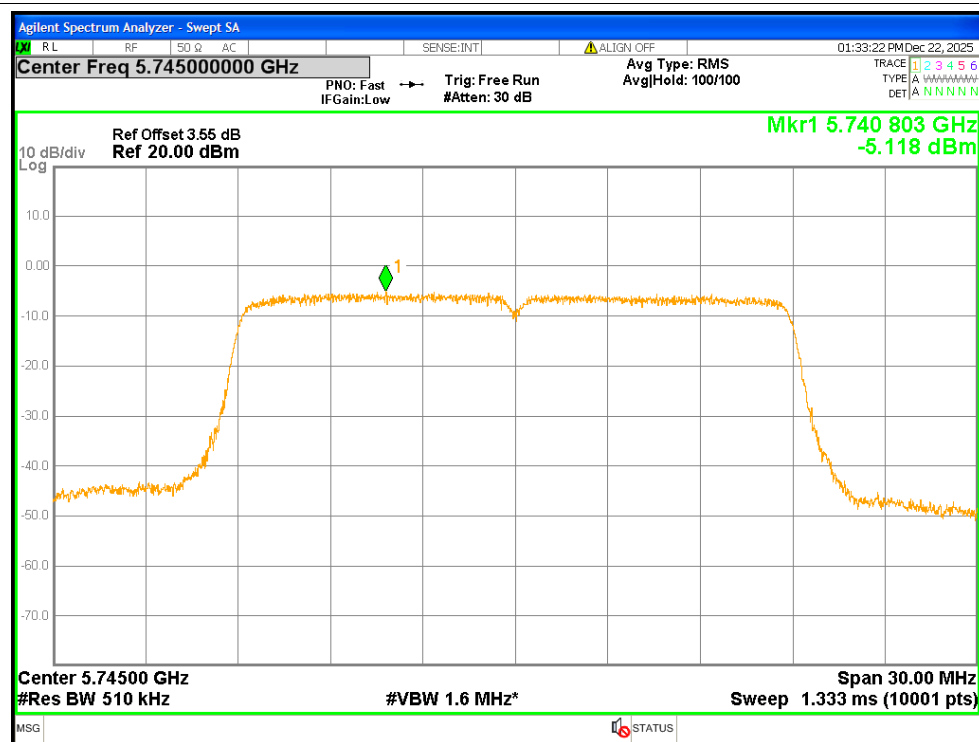
PSD NVNT a 5825MHz Ant2



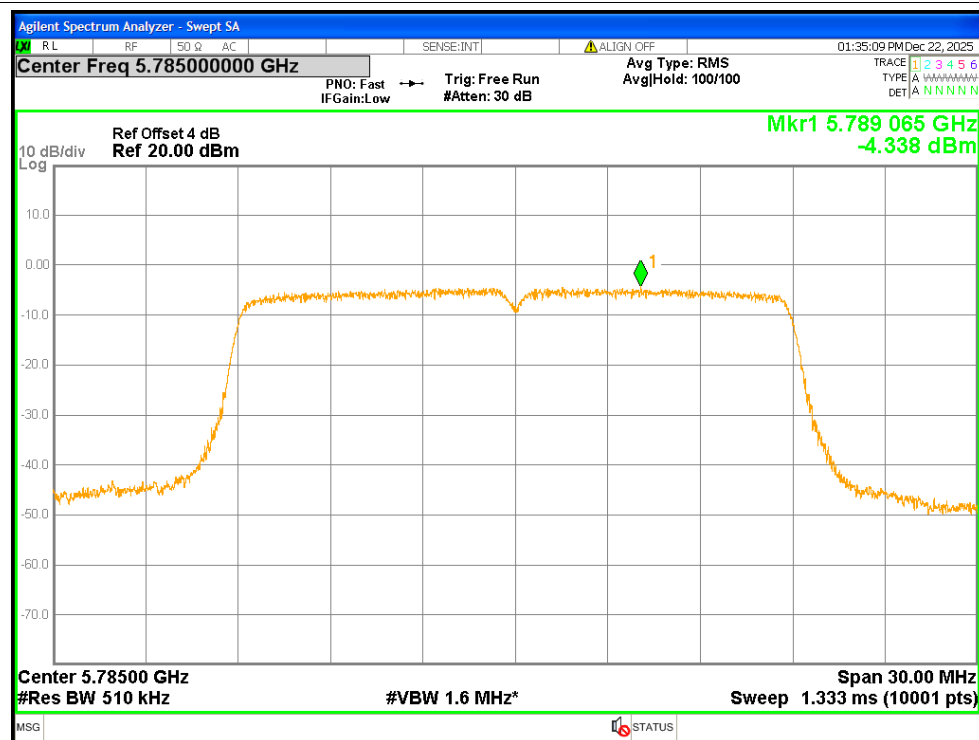
PSD NVNT n20 5745MHz Ant1



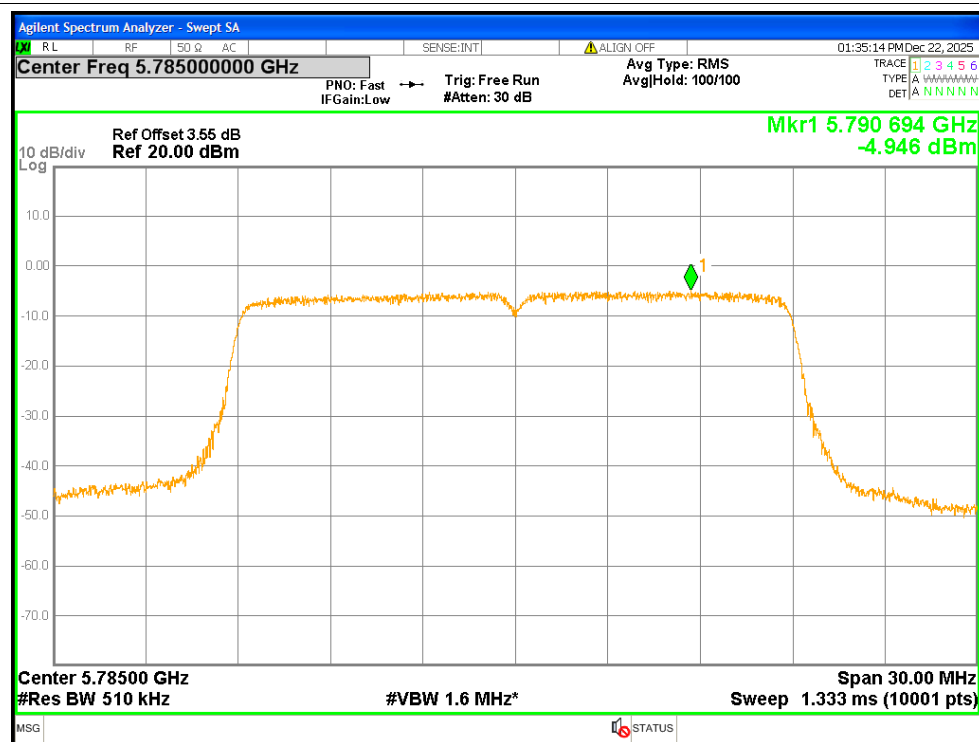
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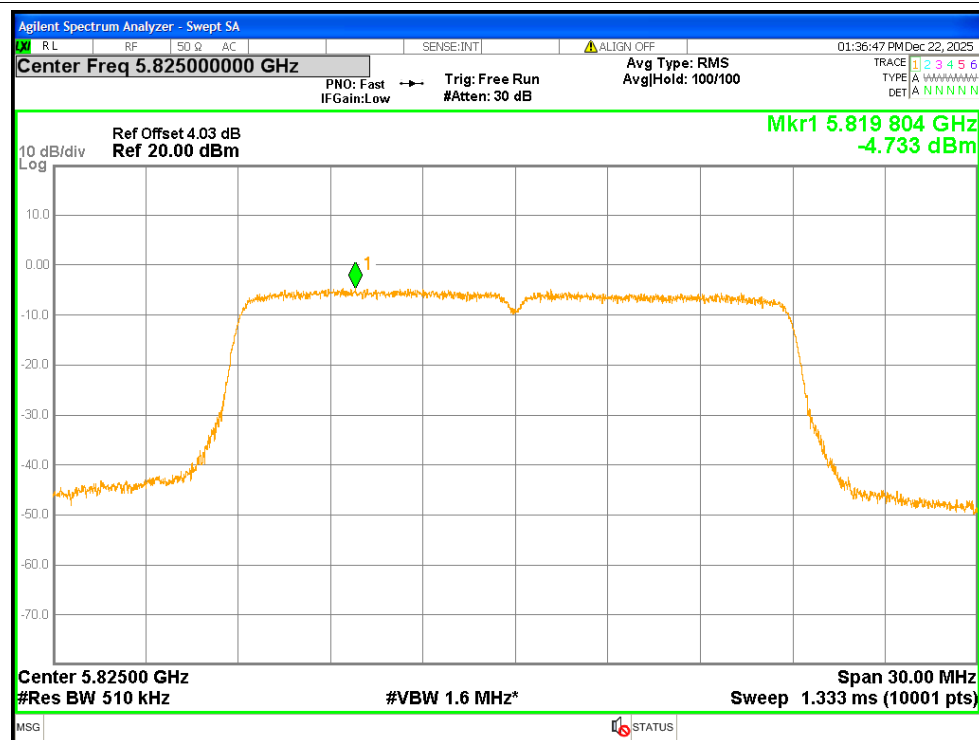
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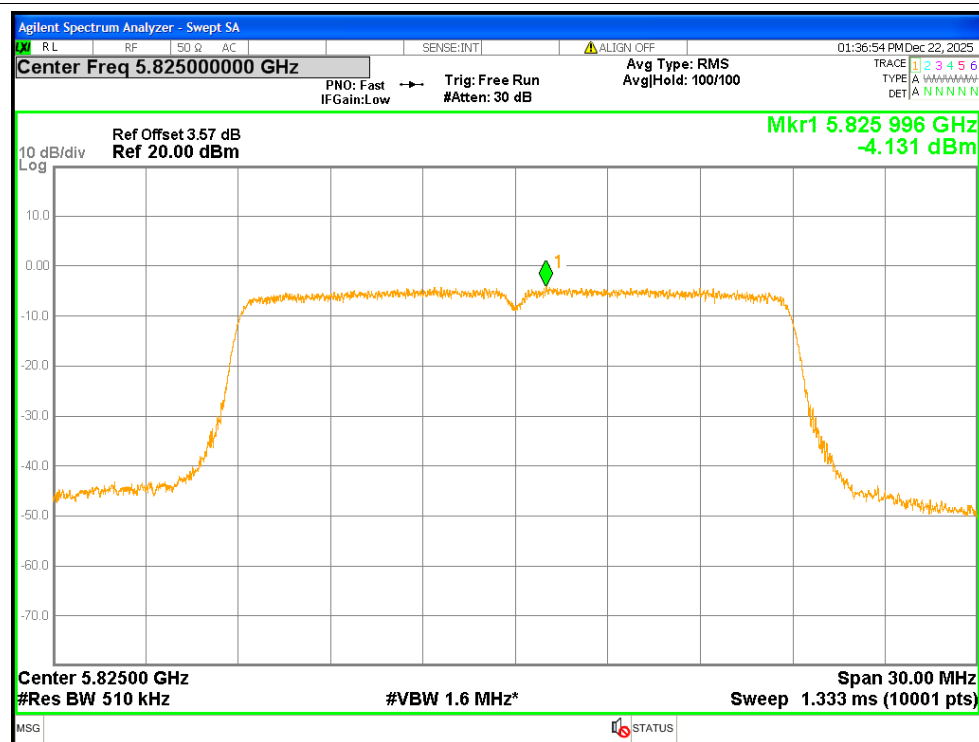
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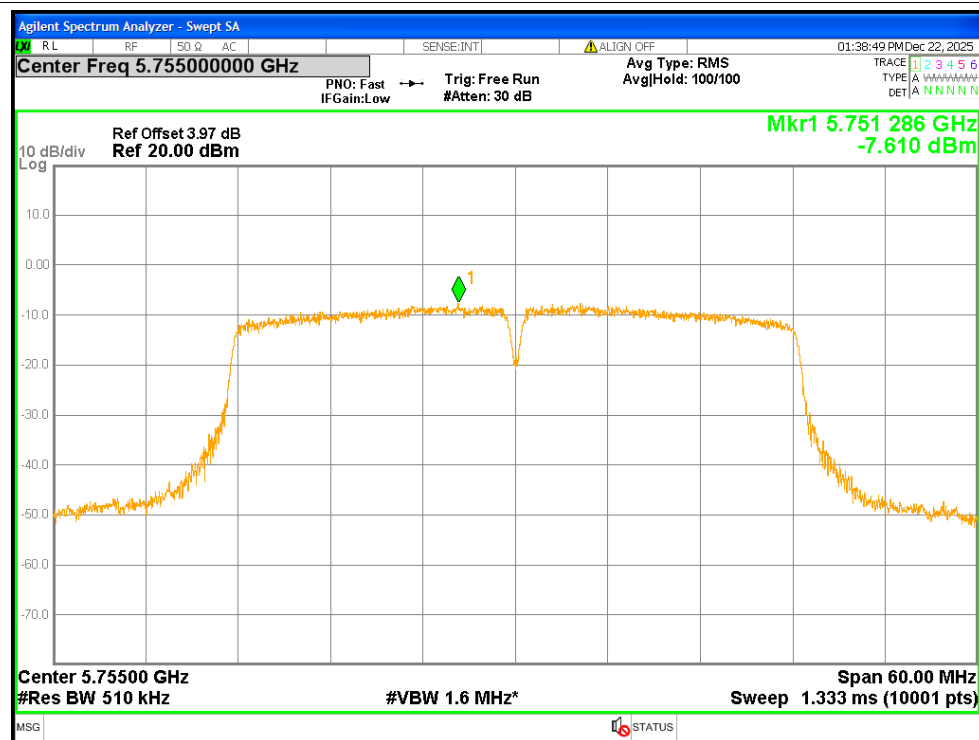
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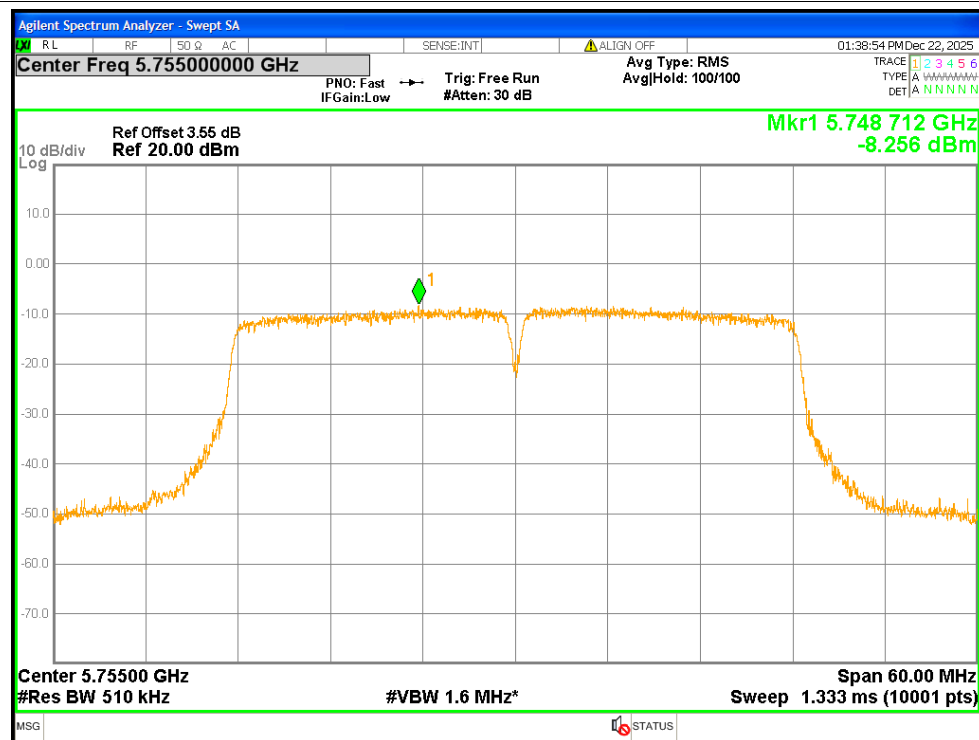
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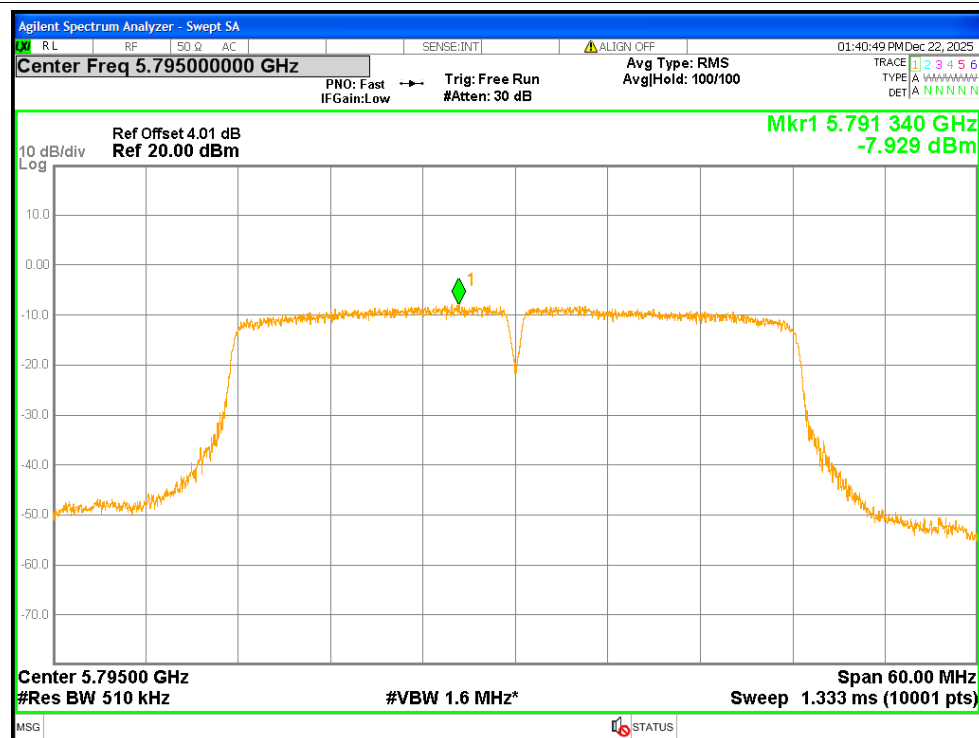
PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2

