

Appendix – 5G Wi-Fi Test Data

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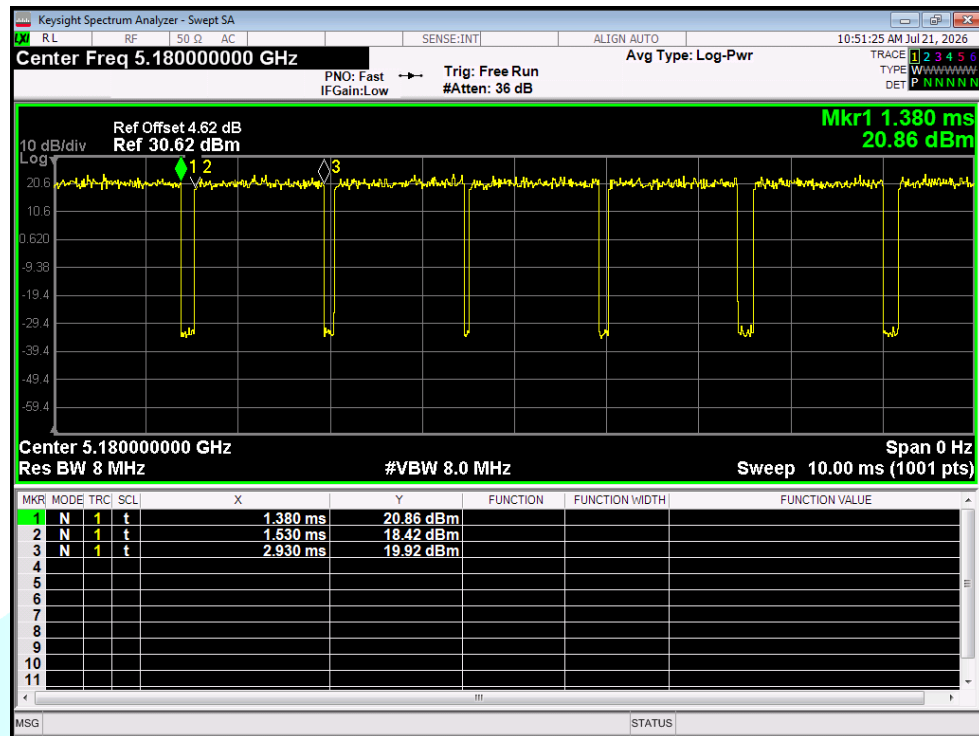


1 Duty Cycle

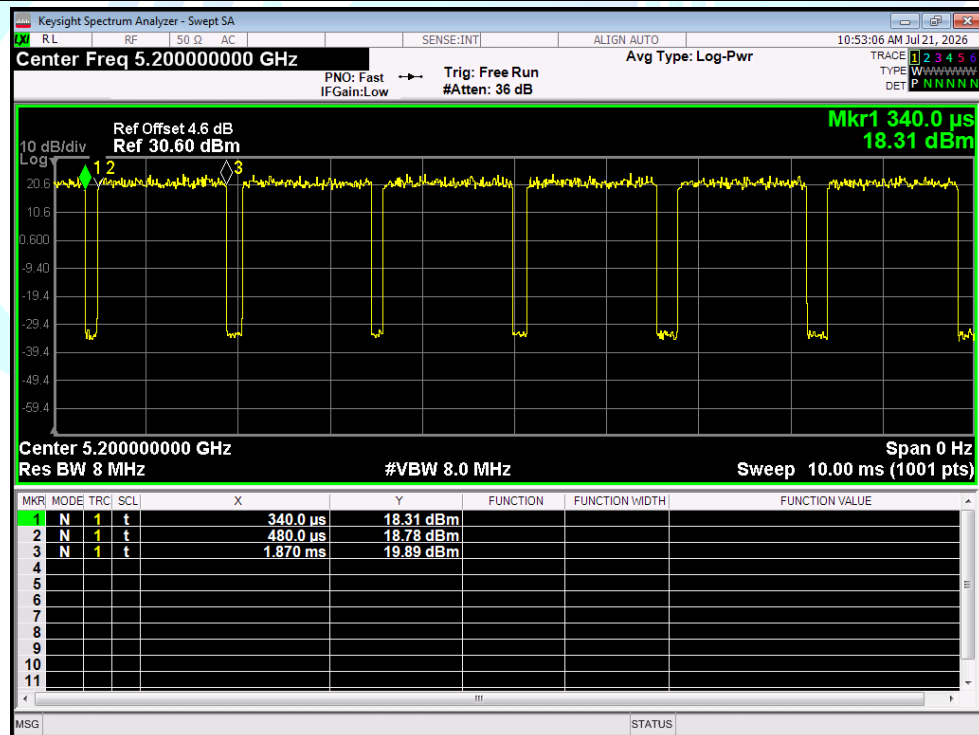
Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a SISO	5180	90.32	0.44	0.71
	5200	90.85	0.42	0.72
	5240	88.54	0.53	0.72
	5745	95.21	0.21	0.72
	5785	92.05	0.36	0.72
	5825	87.42	0.58	0.72
n20 SISO	5180	97.7	0.1	0.2
	5200	97.88	0.09	0.2
	5240	95.86	0.18	0.2
	5745	97.7	0.1	0.2
	5785	98.45	0.07	0.2
	5825	97.7	0.1	0.2
n40 SISO	5190	97.8	0.1	0.2
	5230	97.42	0.11	0.2
	5755	98.39	0.07	0.2
	5795	93.33	0.3	0.2
ac20 SISO	5180	96.58	0.15	0.2
	5200	96.4	0.16	0.2
	5240	97.89	0.09	0.2
	5745	98.26	0.08	0.2
	5785	94.26	0.26	0.2
	5825	97.7	0.1	0.2
ac40 SISO	5190	97.8	0.1	0.2
	5230	97.61	0.11	0.2
	5755	95.33	0.21	0.2
	5795	95.15	0.22	0.2
ac80 SISO	5210	96.38	0.16	0.22
	5775	91.68	0.38	0.22

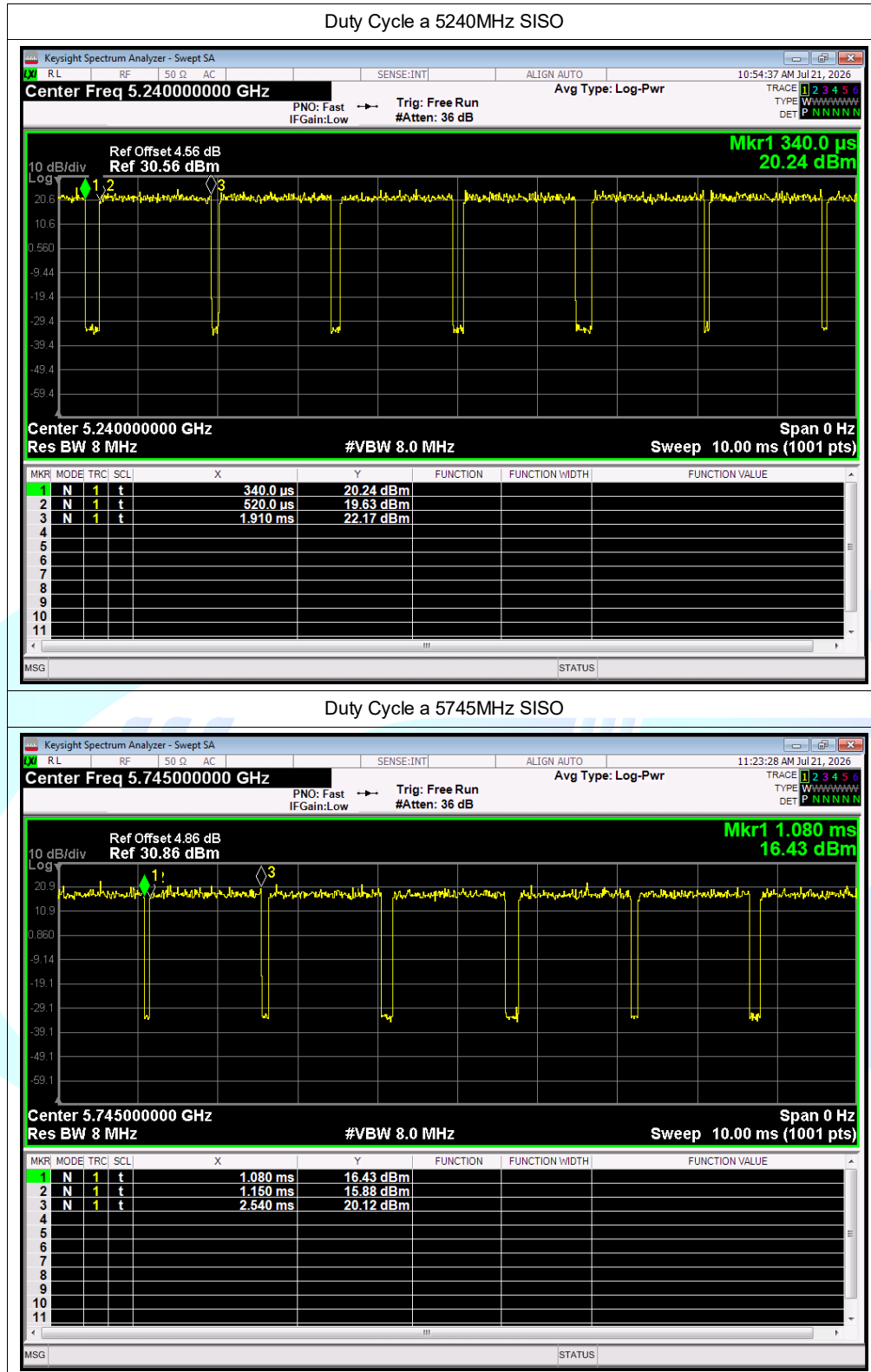
Test Graphs

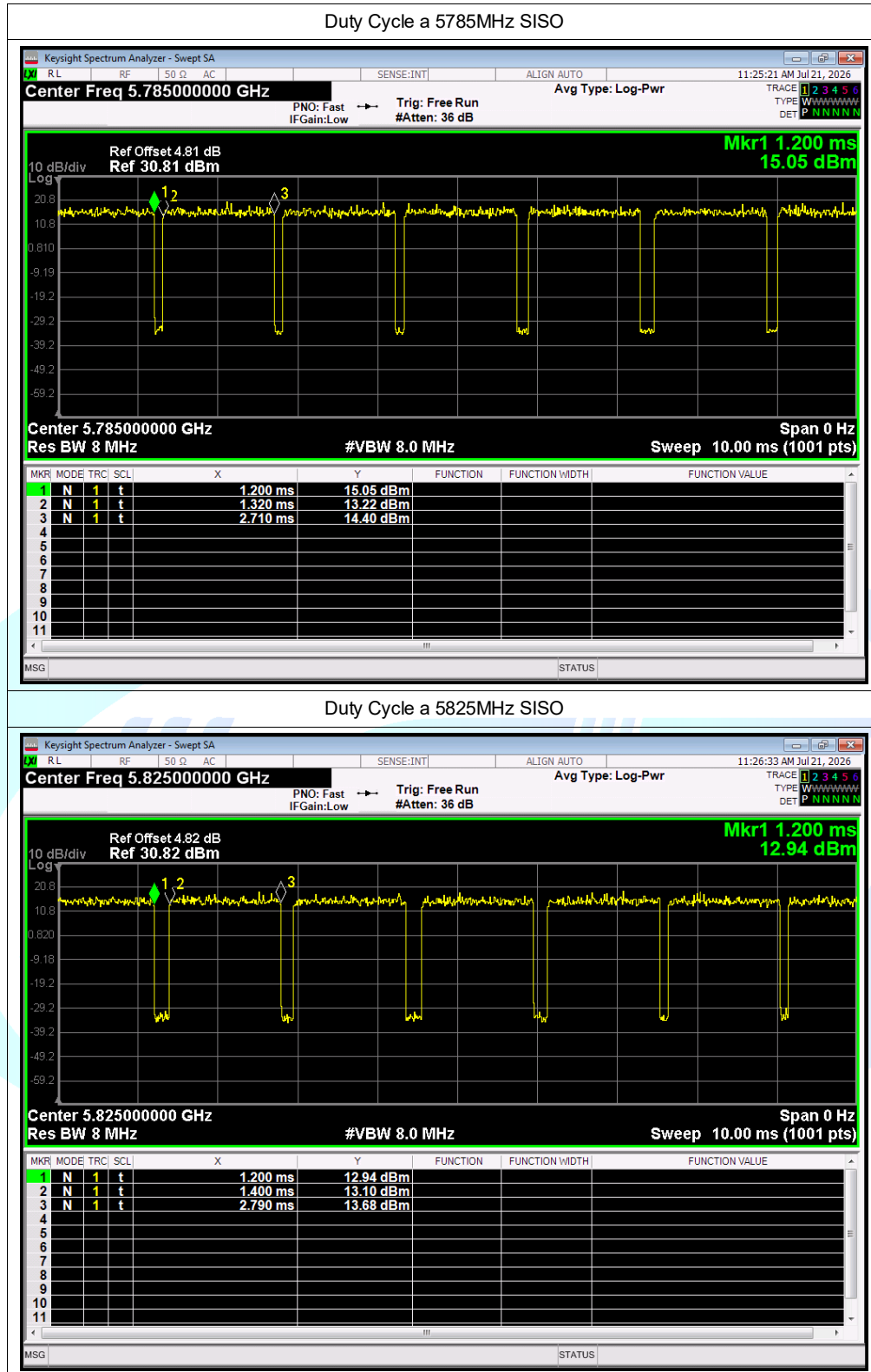
Duty Cycle a 5180MHz SISO

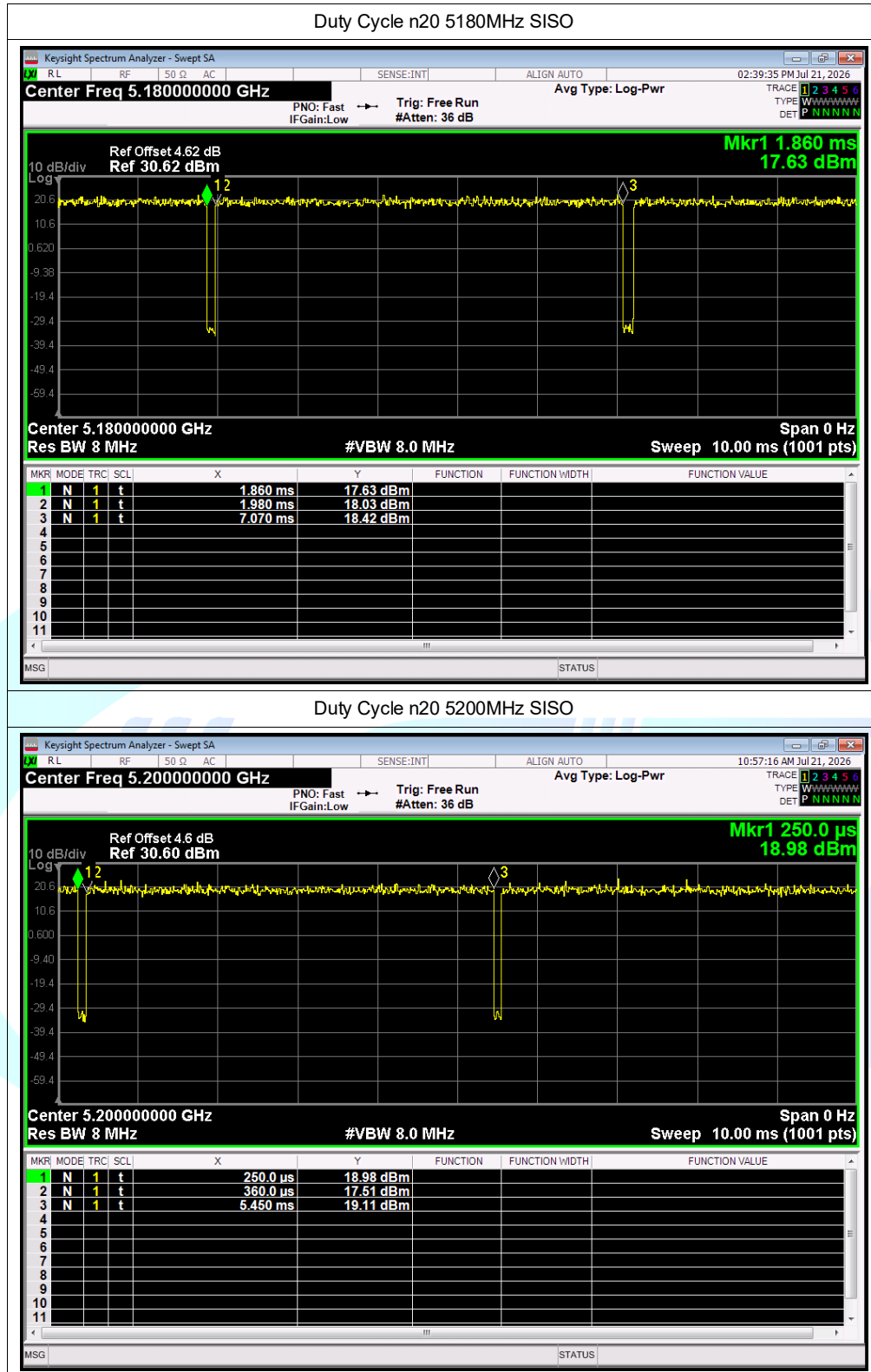


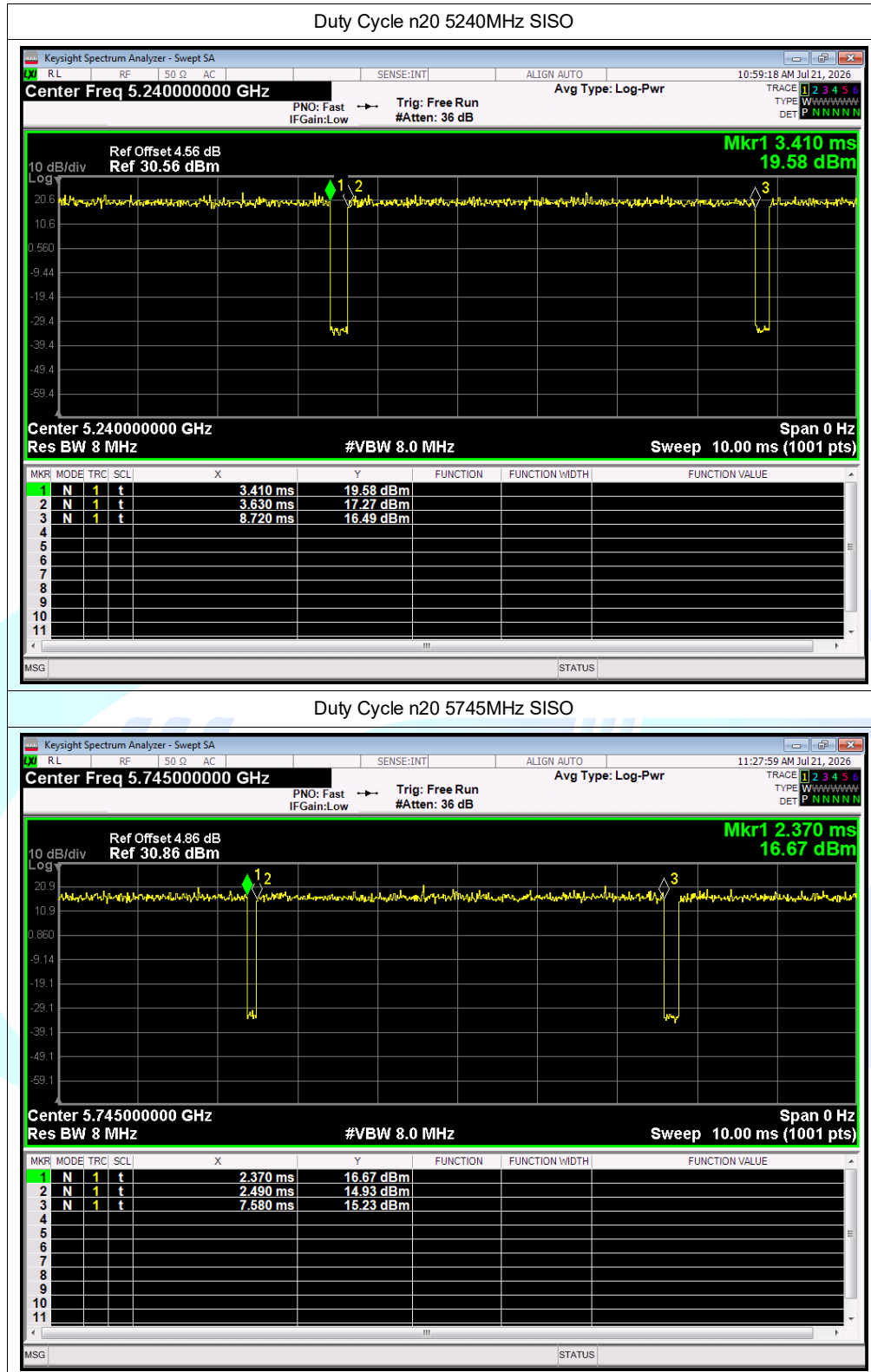
Duty Cycle a 5200MHz SISO

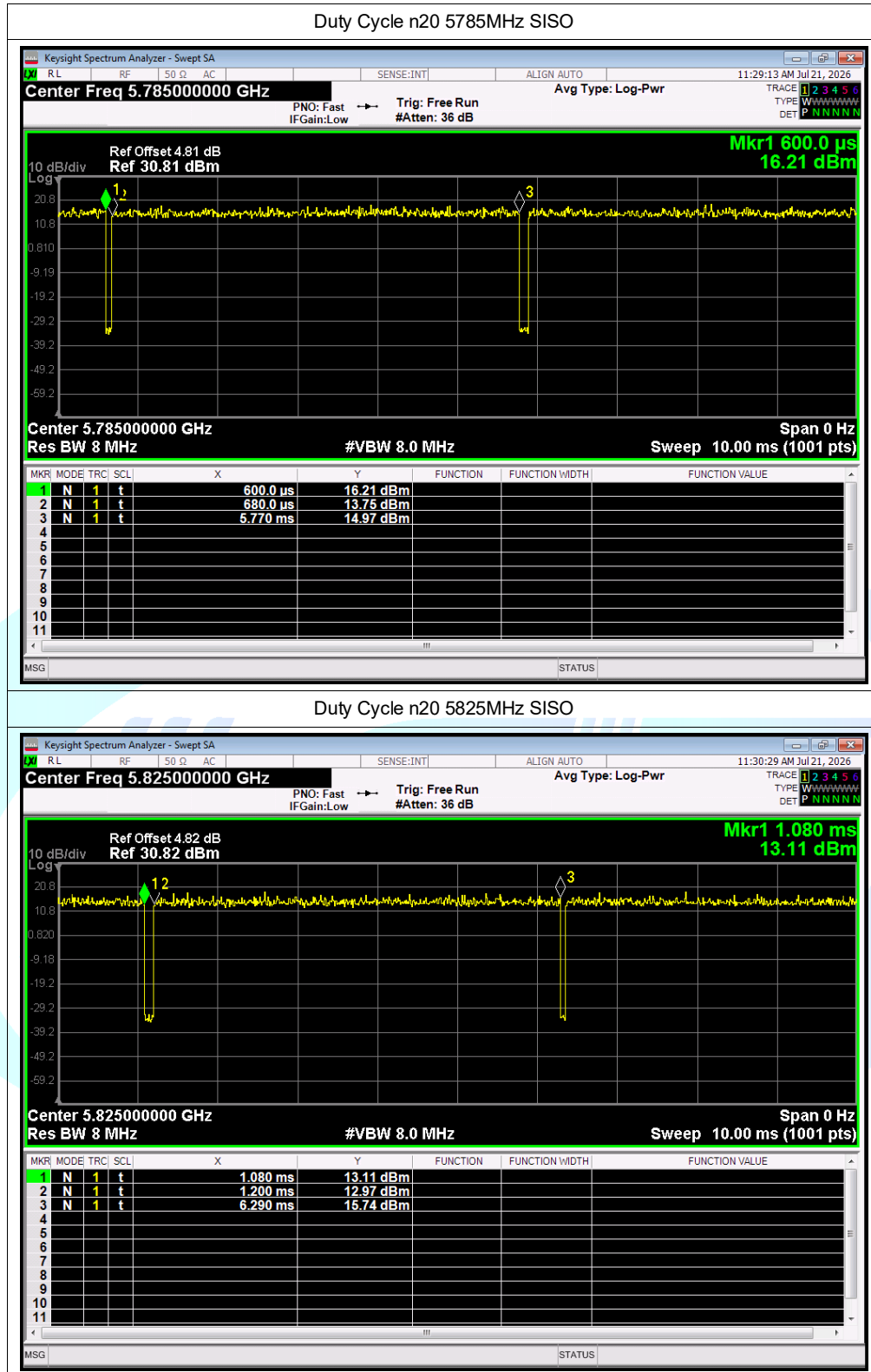


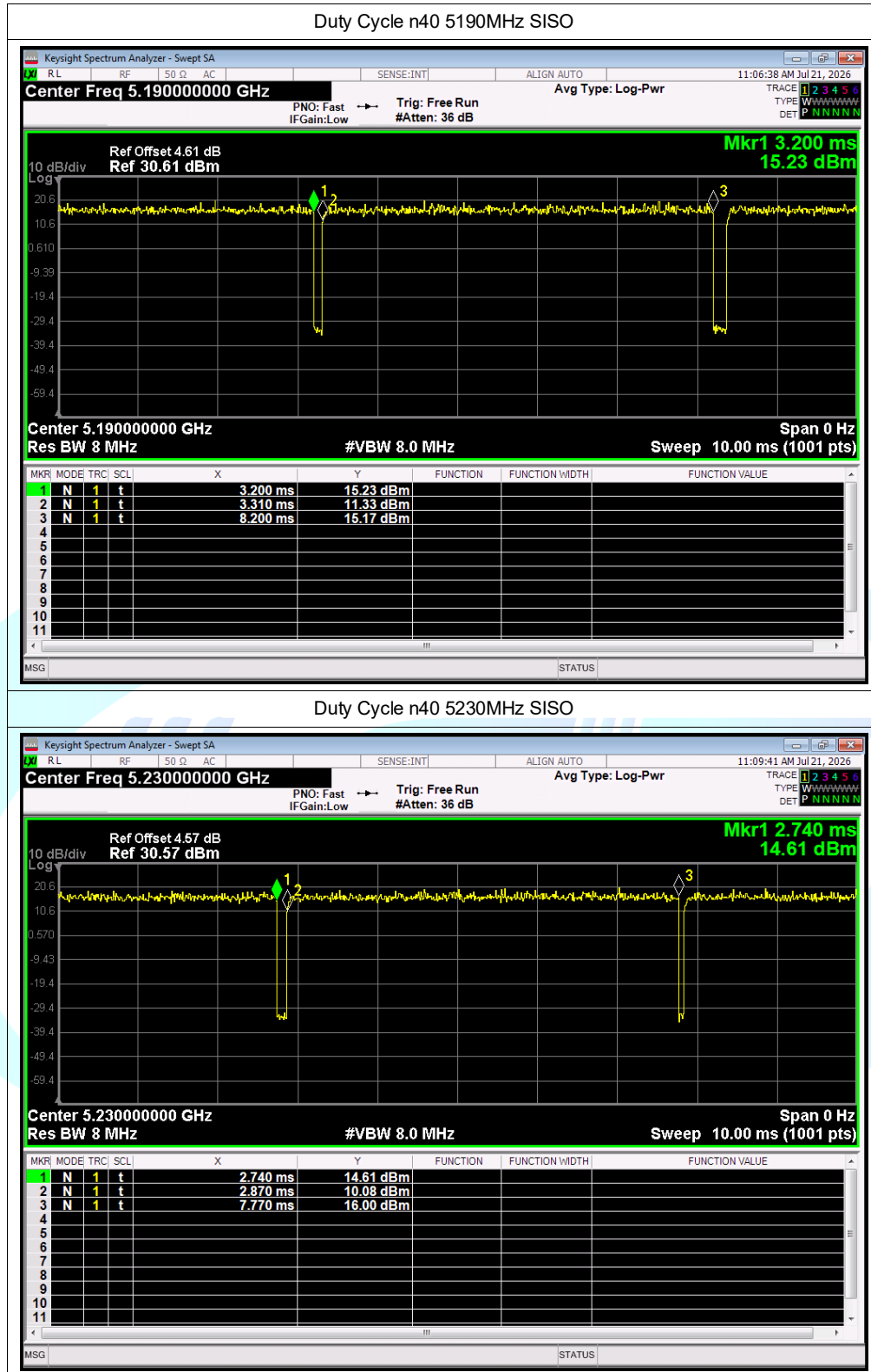


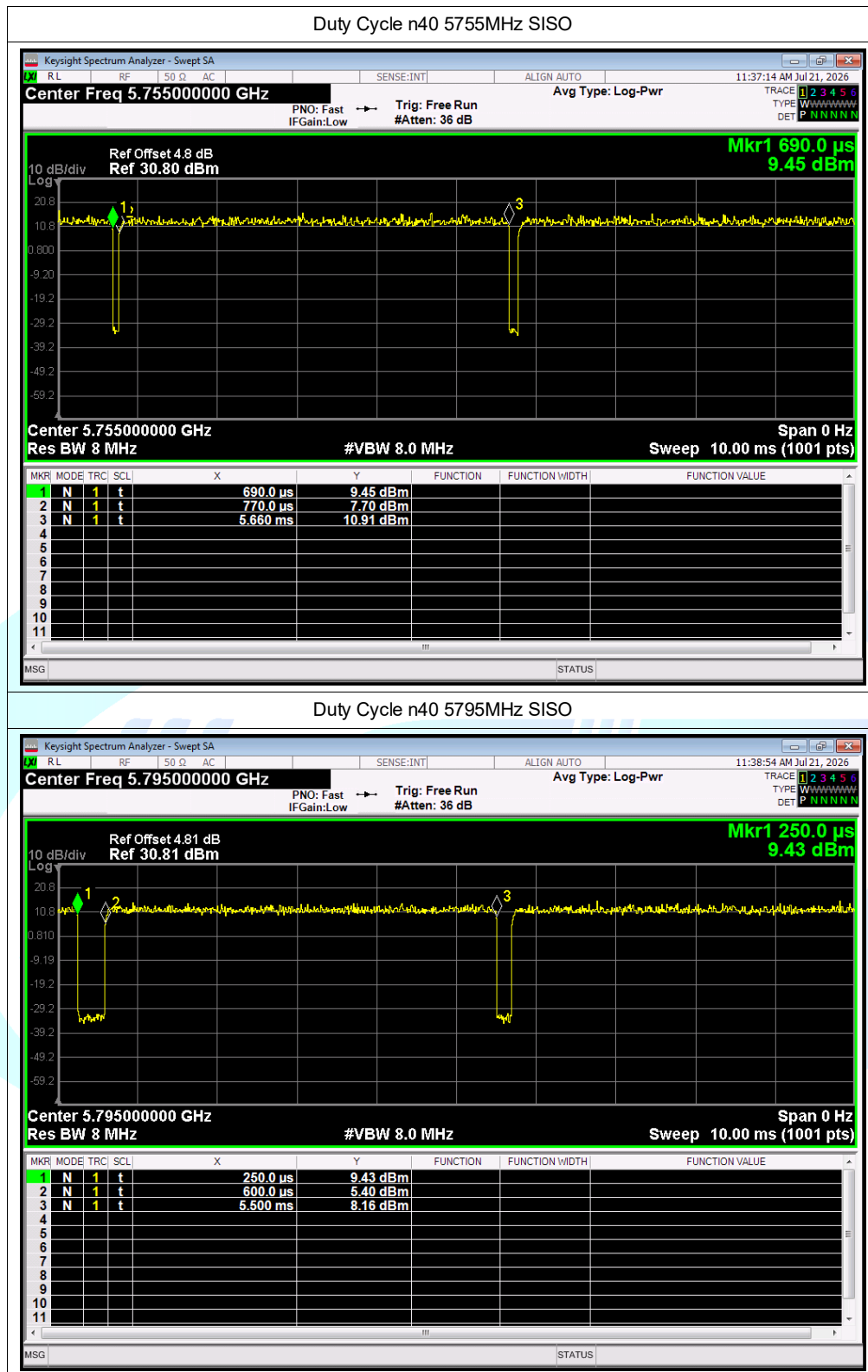


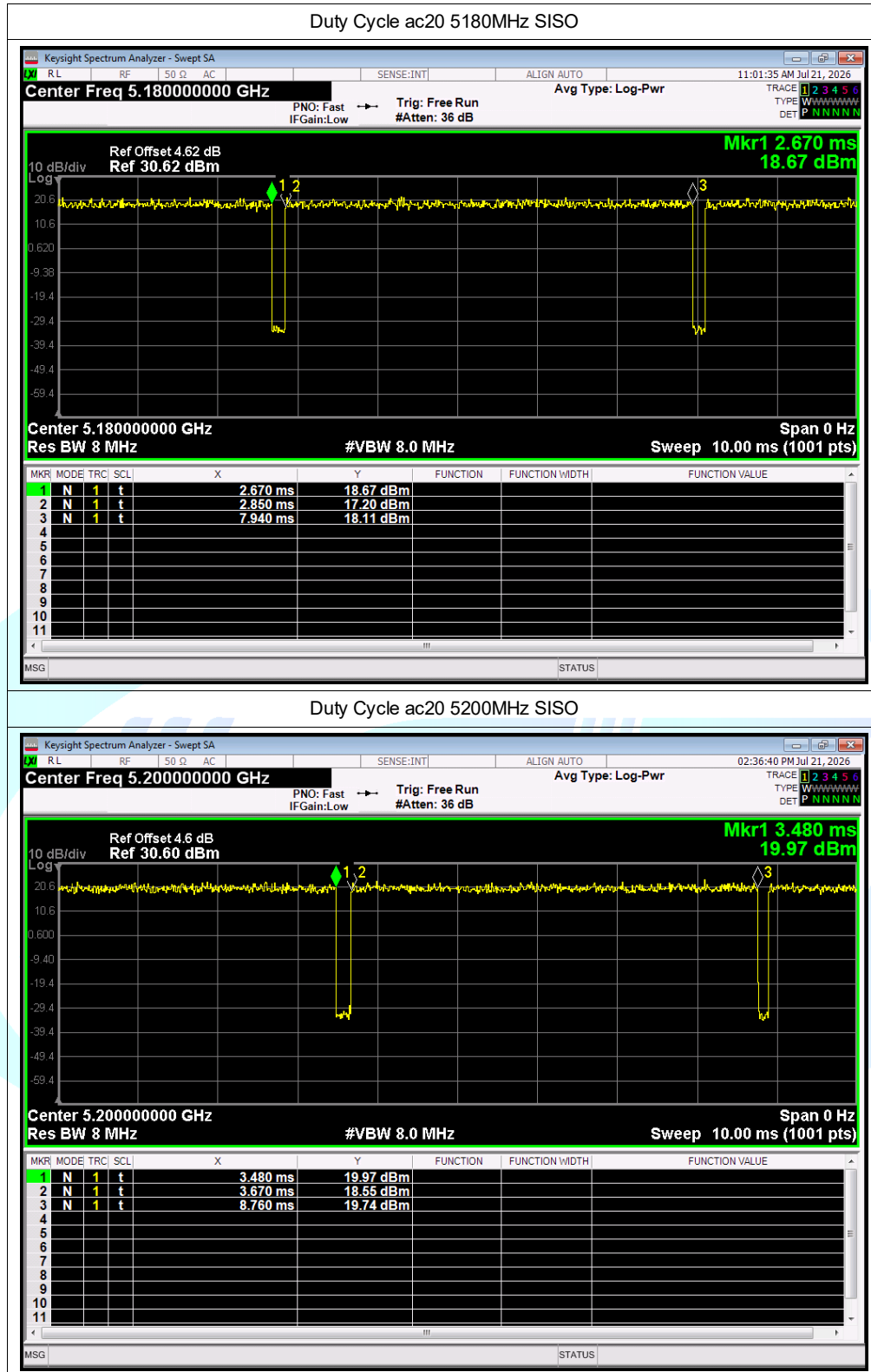


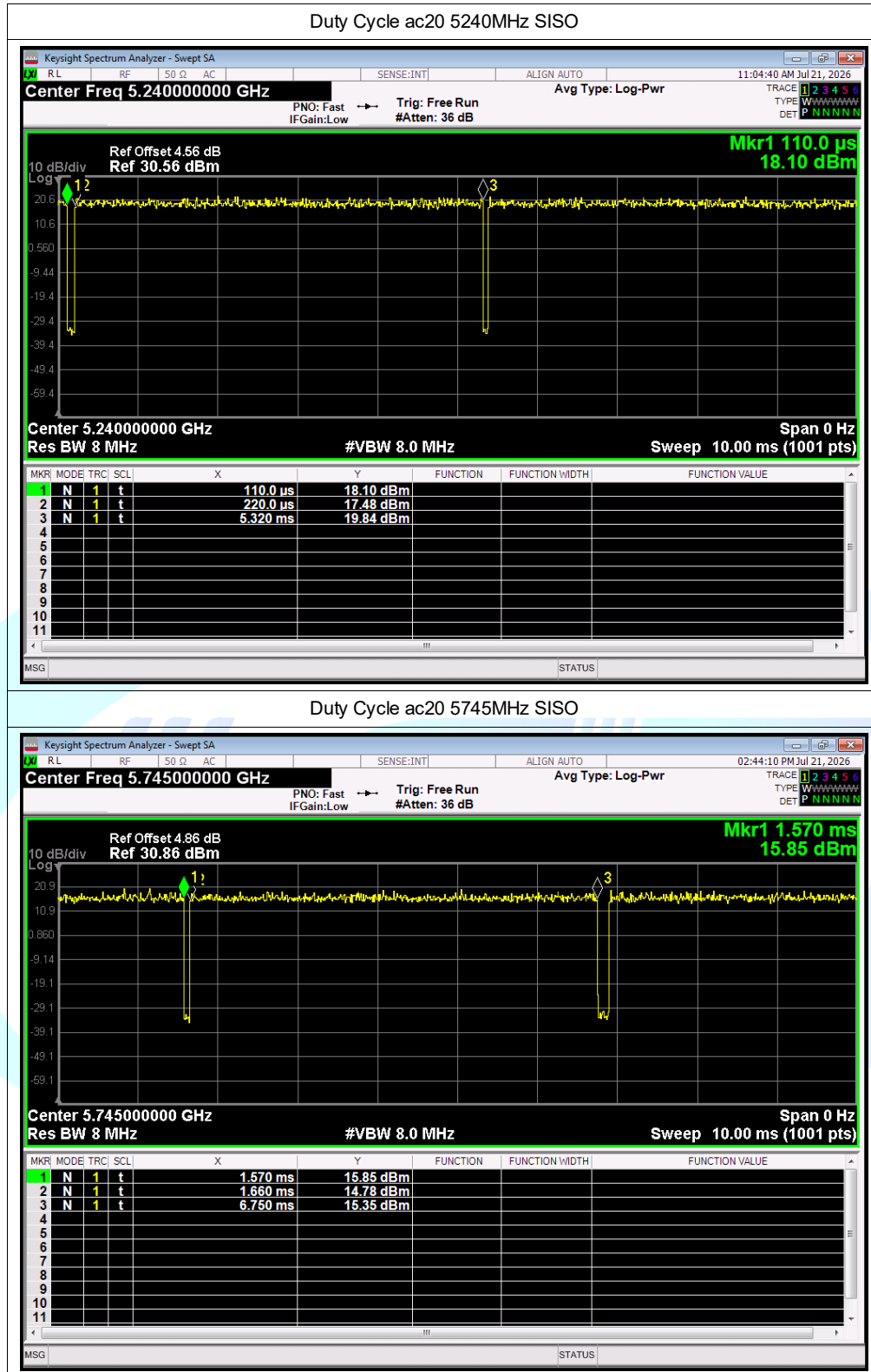


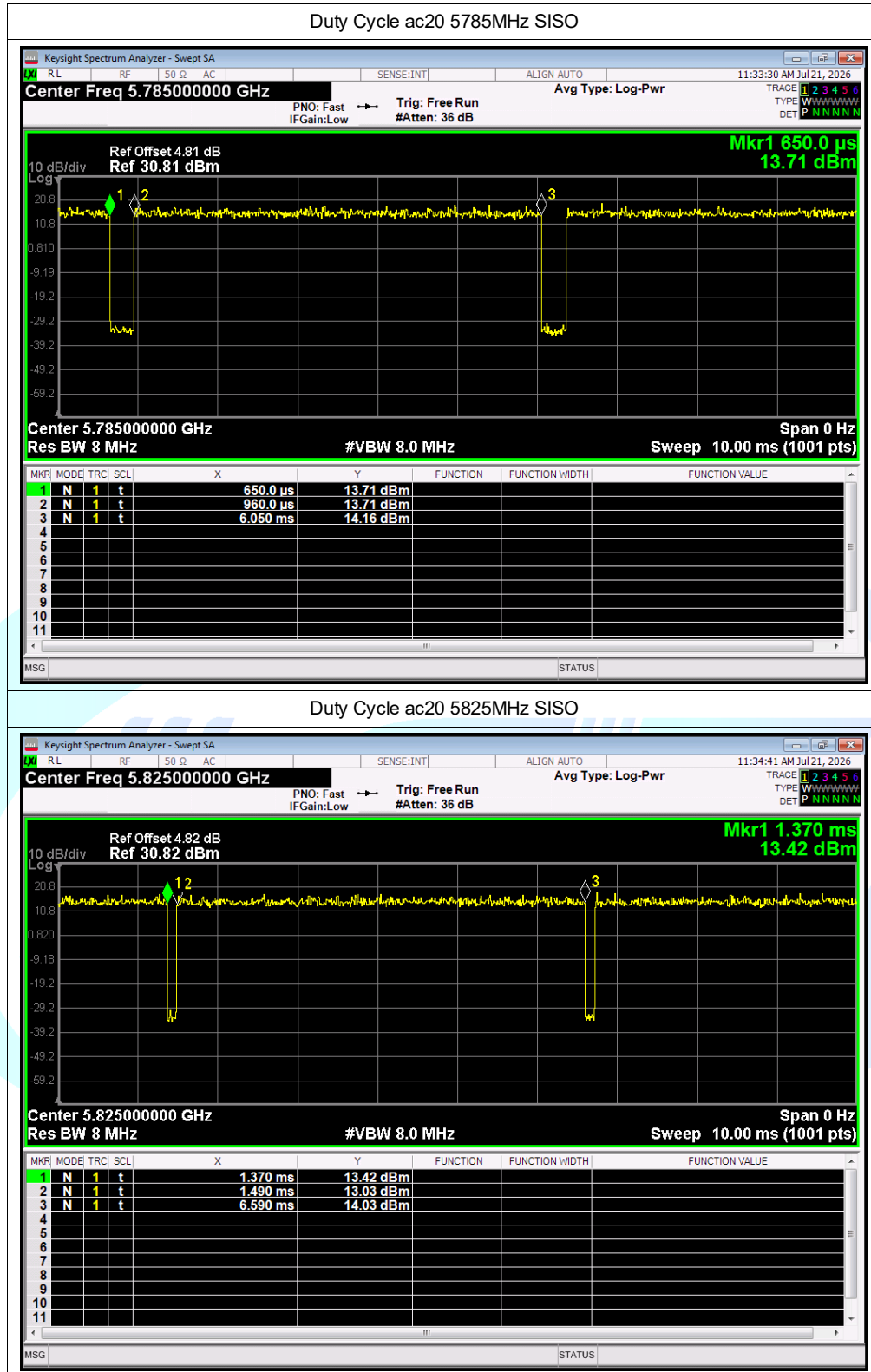


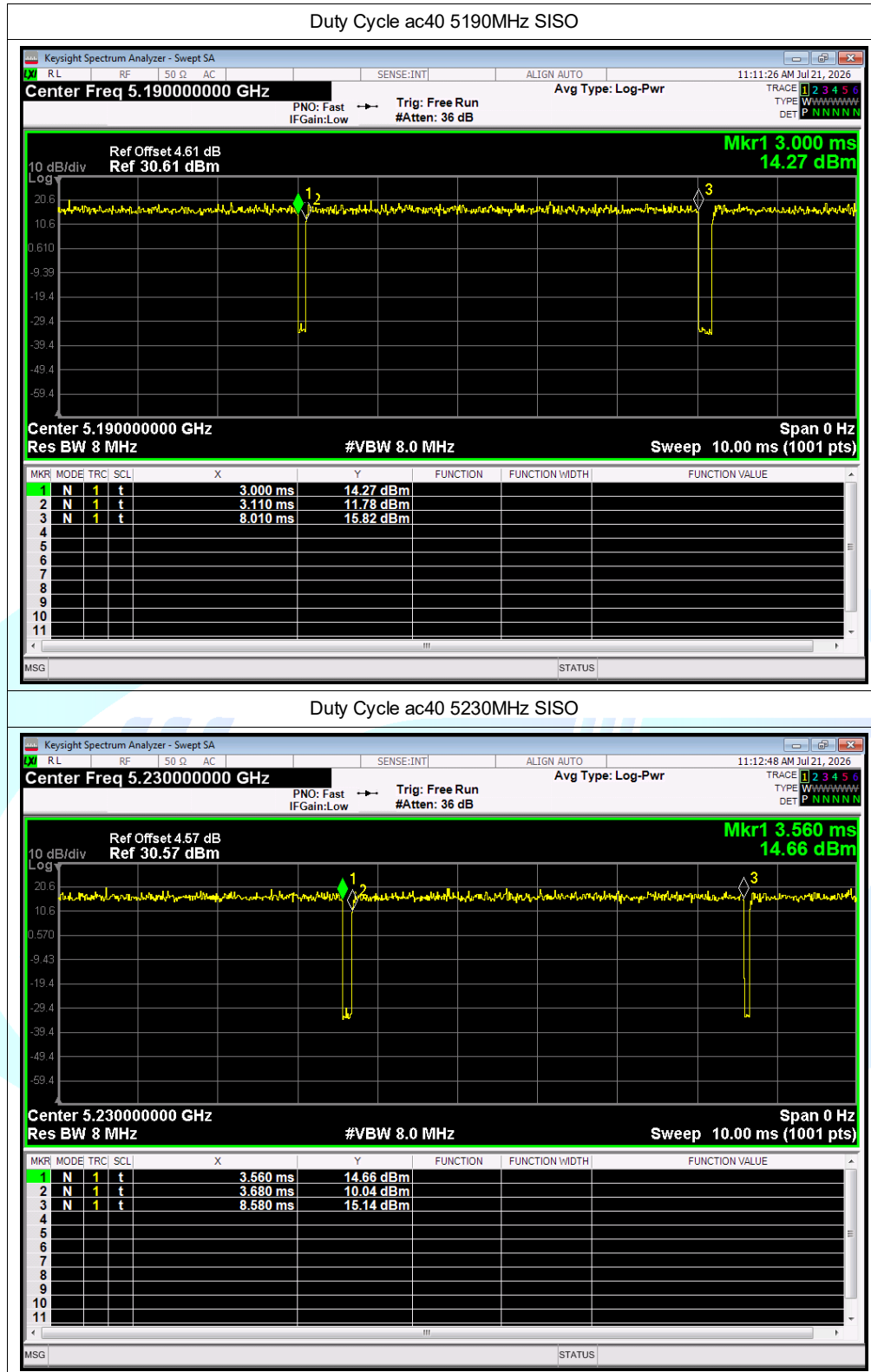


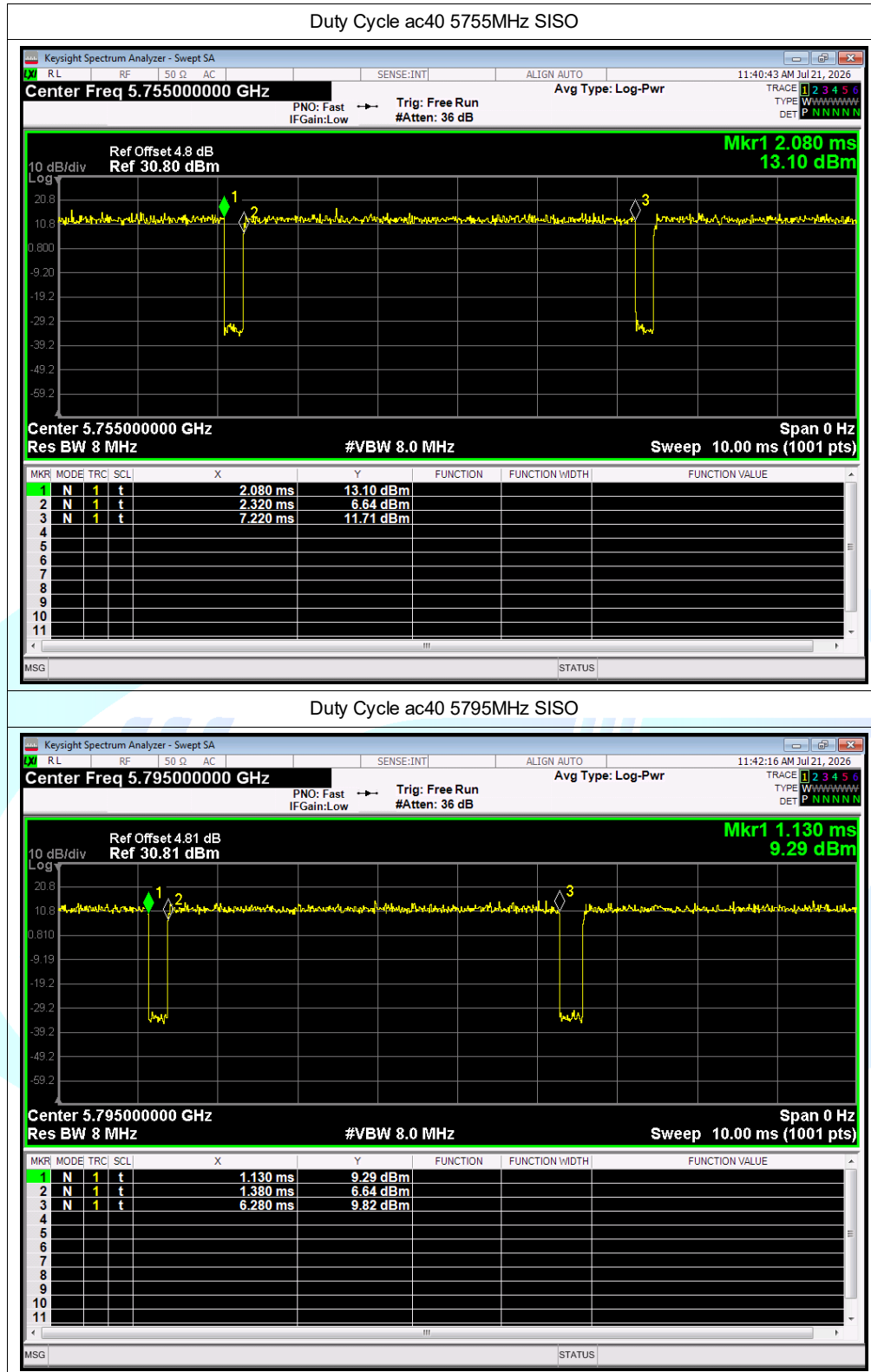


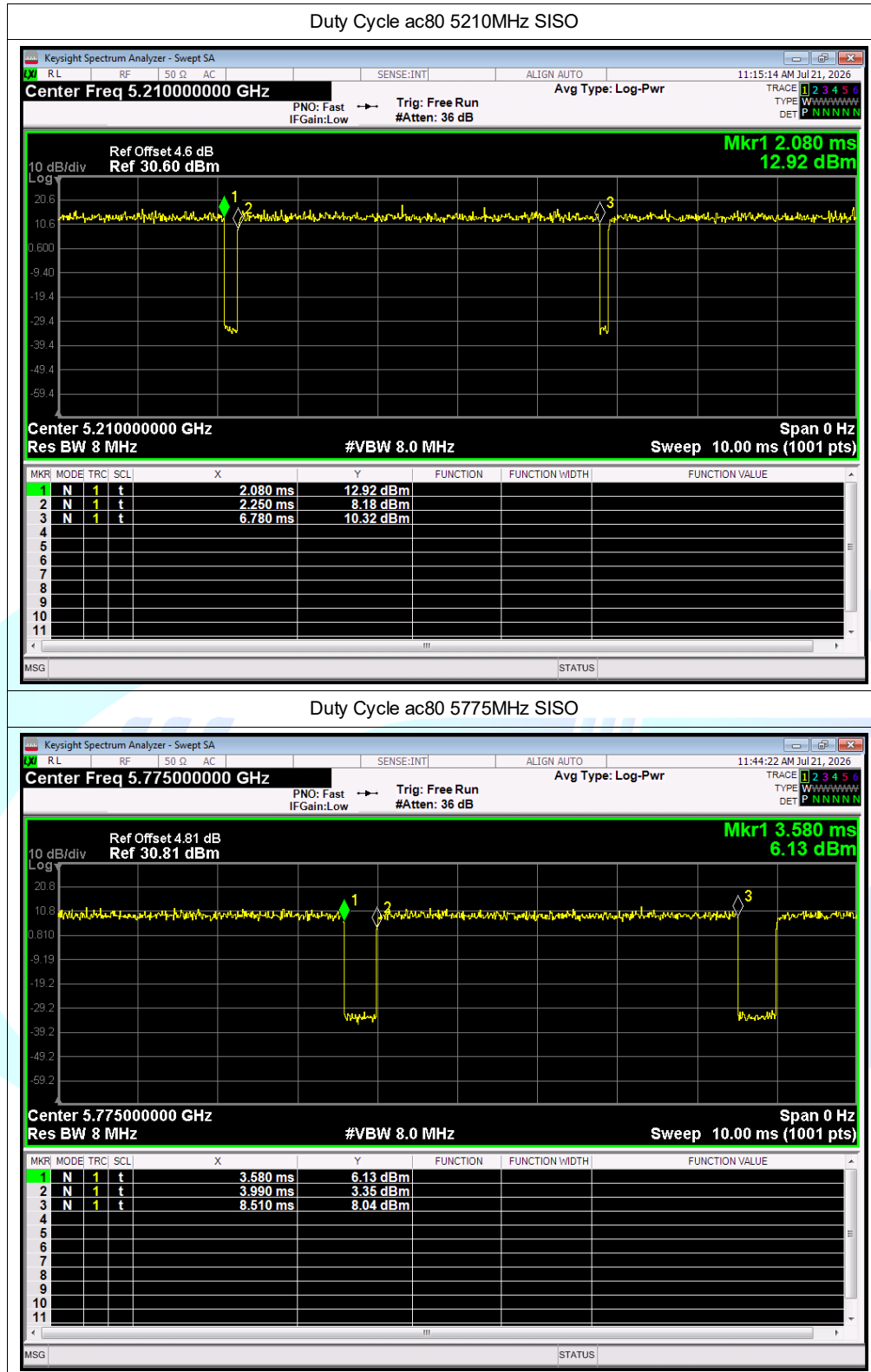






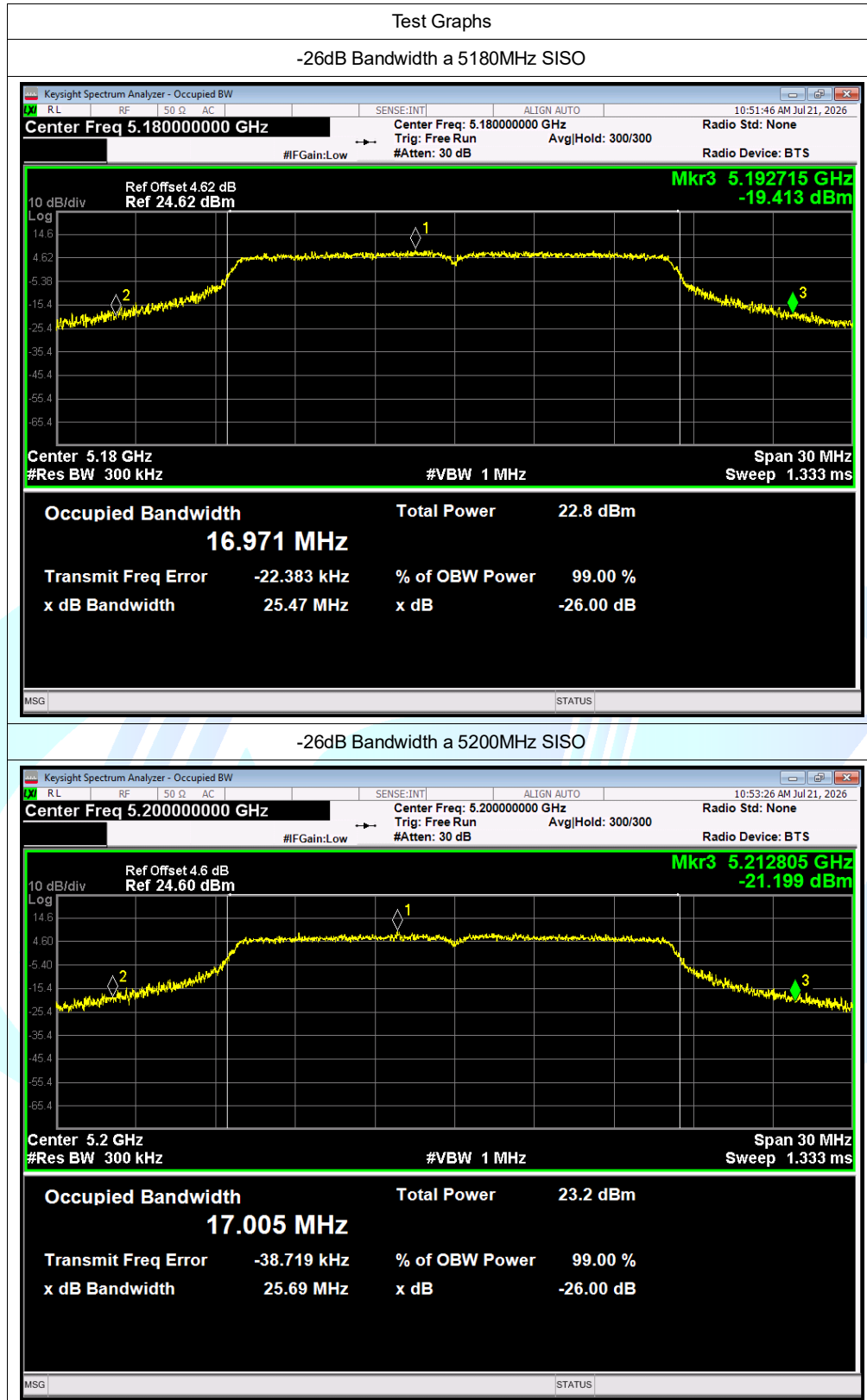






2 -26dB Bandwidth

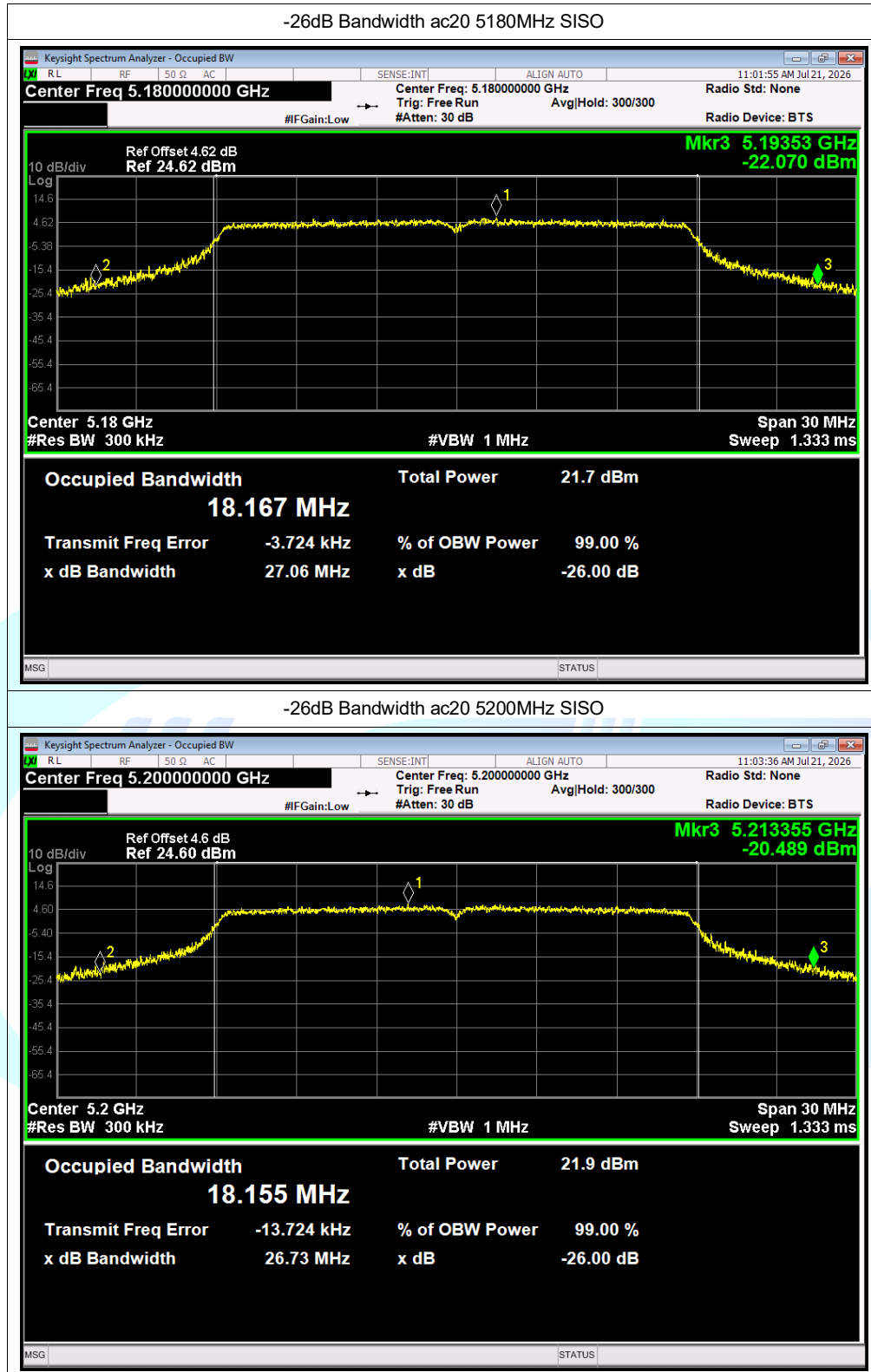
Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)
a SISO	5180	25.47
	5200	25.69
	5240	27.49
n20 SISO	5180	27.19
	5200	26.94
	5240	27.71
n40 SISO	5190	47.37
	5230	53.01
ac20 SISO	5180	27.06
	5200	26.73
	5240	27.61
ac40 SISO	5190	46.82
	5230	47.86
ac80 SISO	5210	106.3

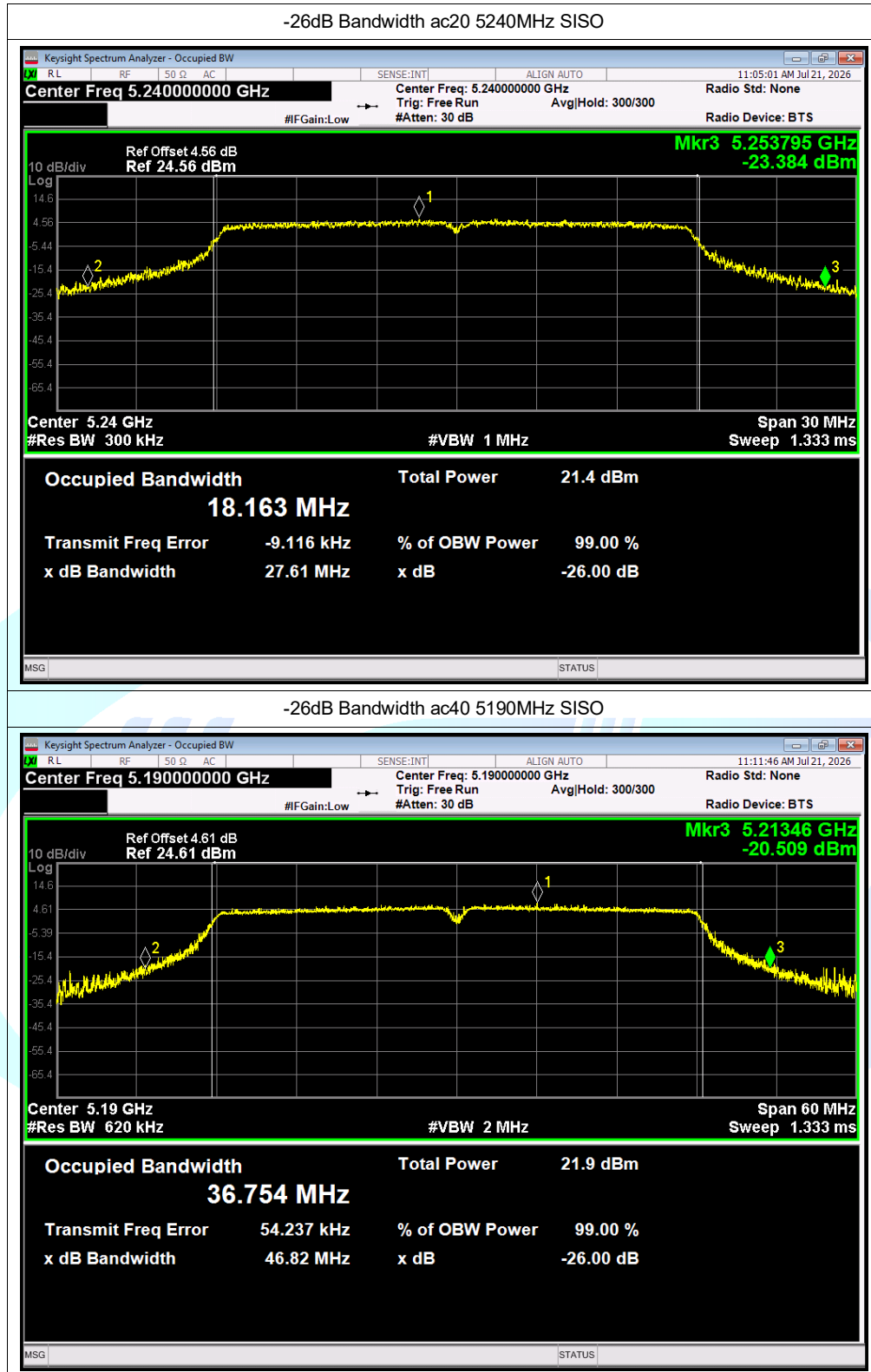








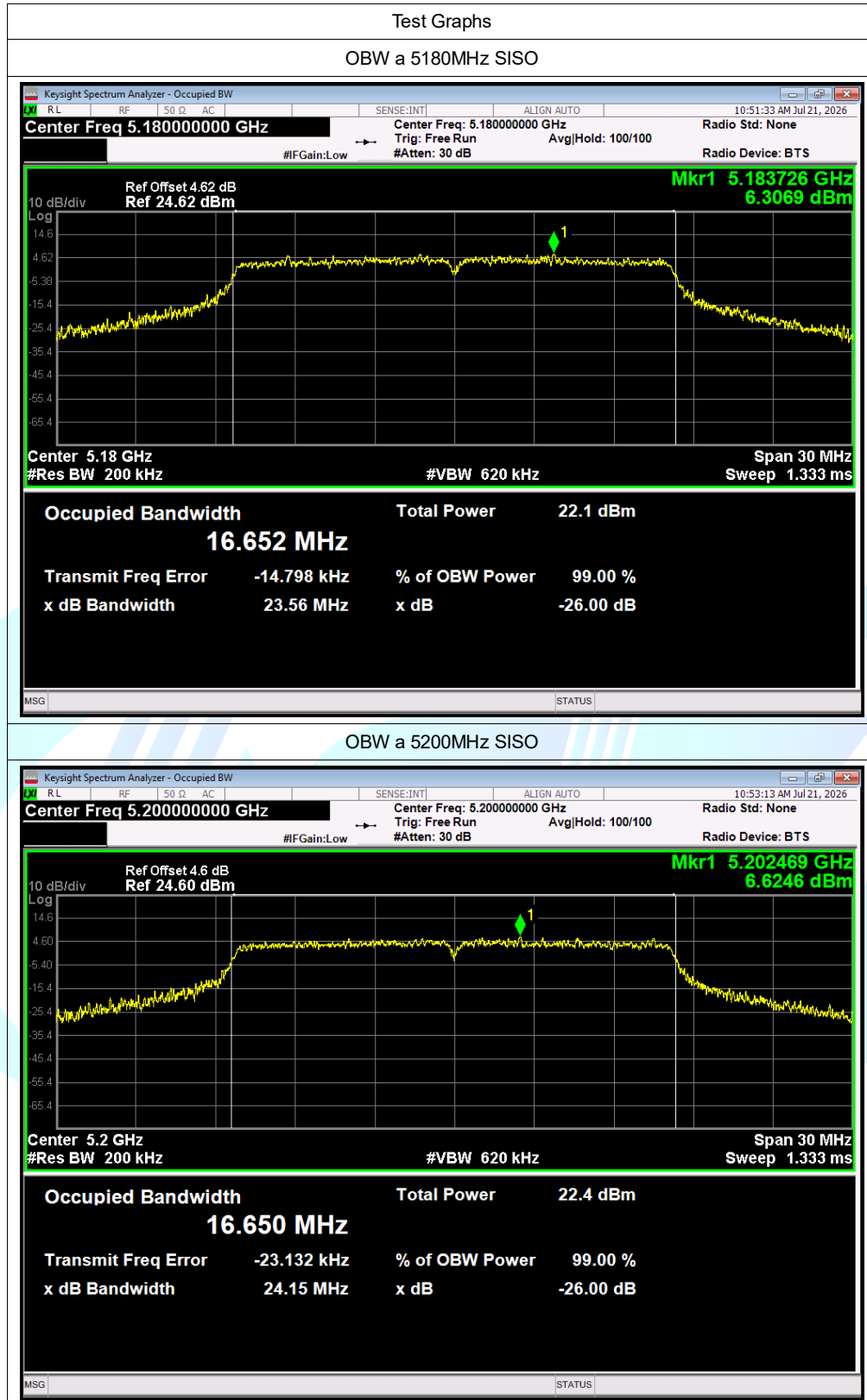


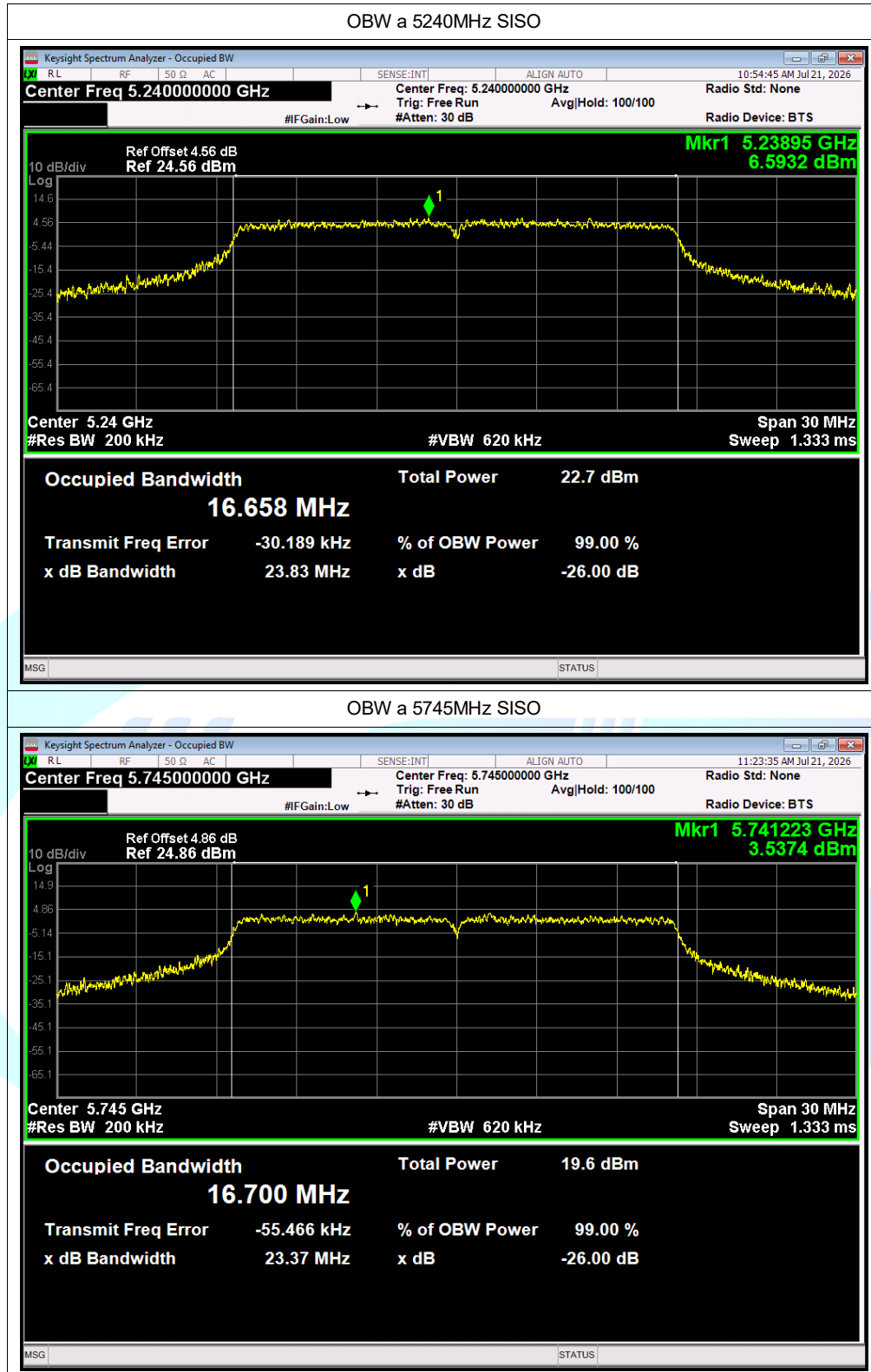


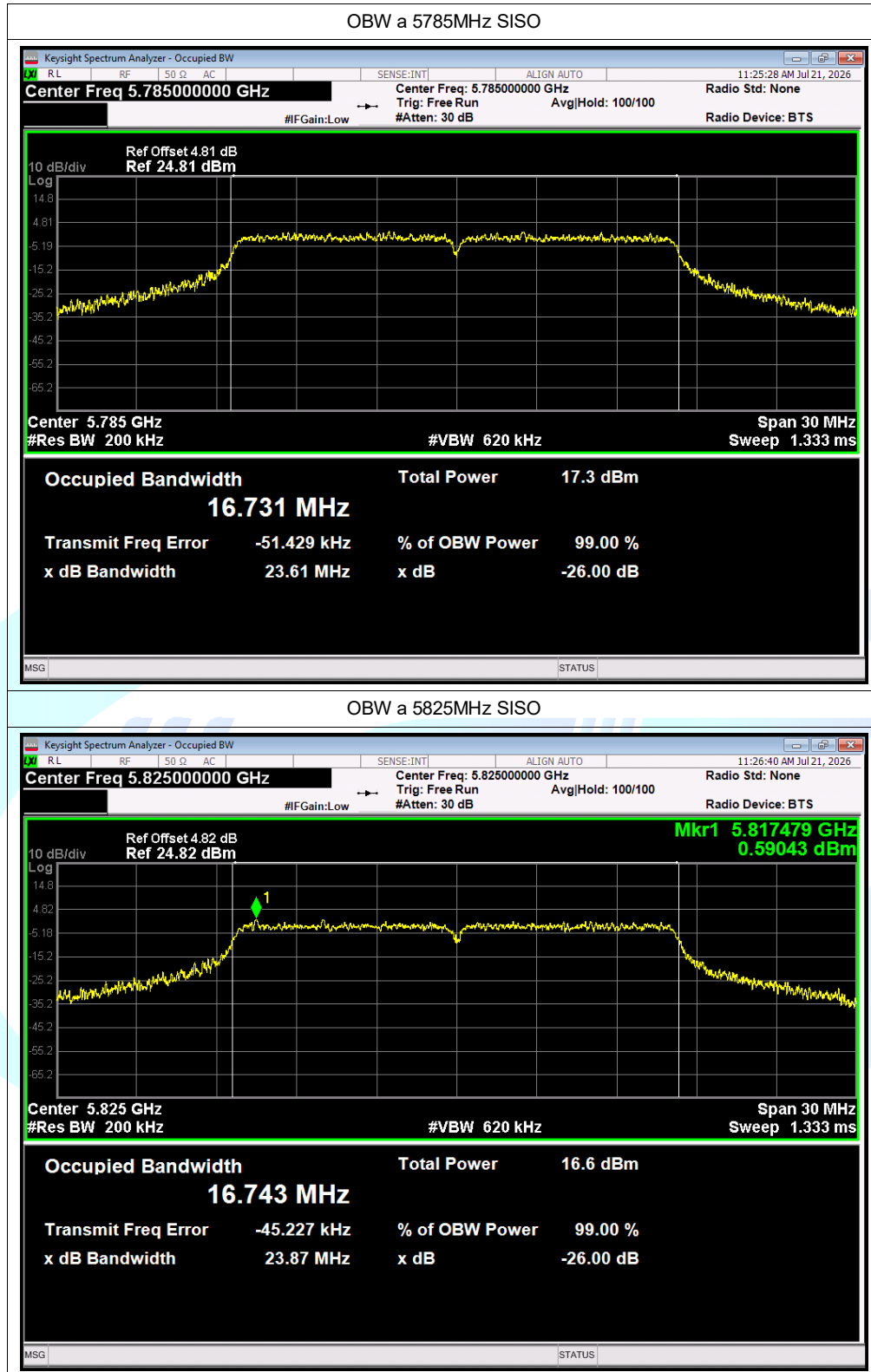


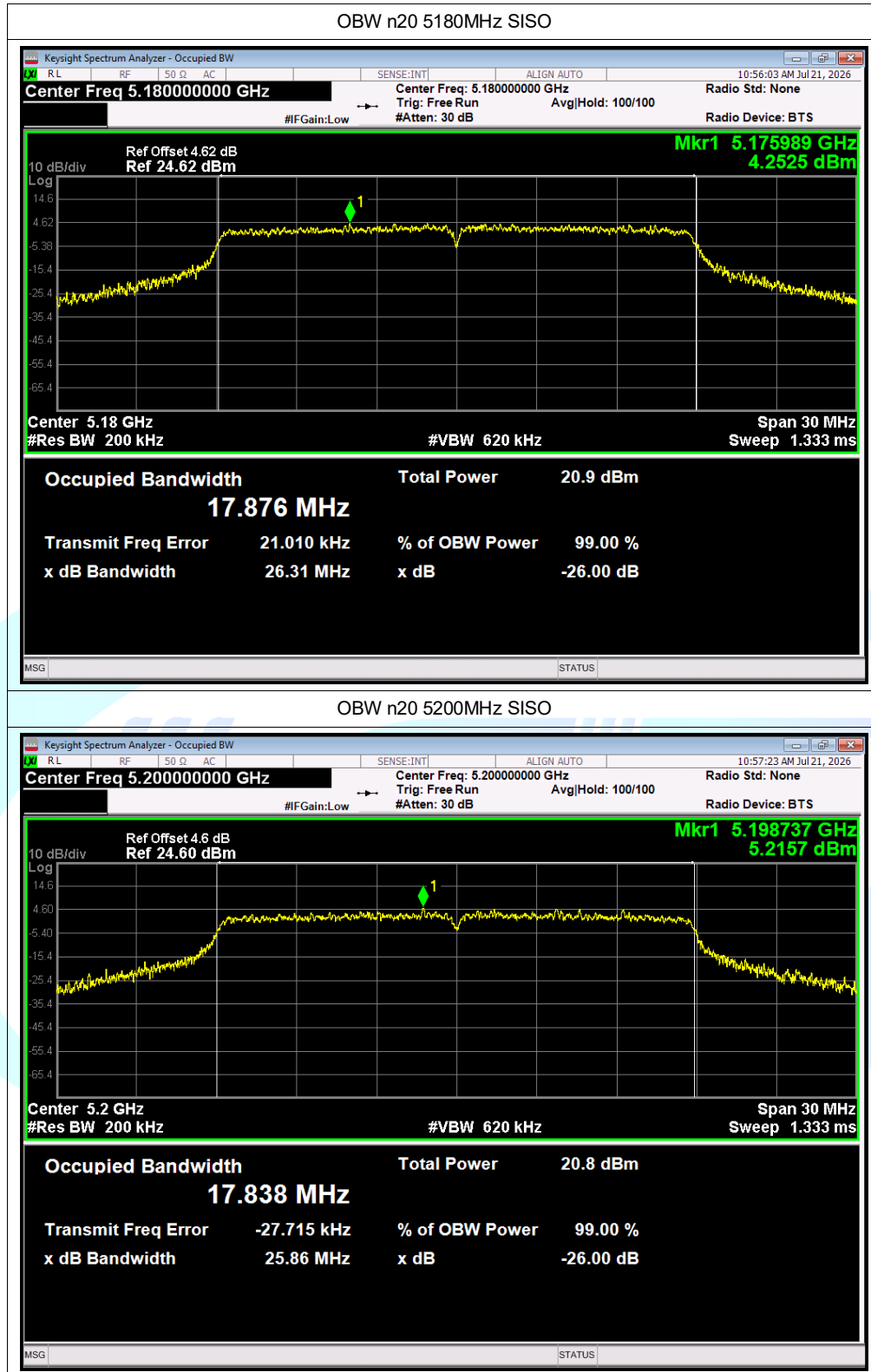
3 Occupied Channel Bandwidth

Mode	Frequency (MHz)	99% OBW (MHz)
a SISO	5180	16.652
	5200	16.65
	5240	16.658
	5745	16.7
	5785	16.731
	5825	16.743
n20 SISO	5180	17.876
	5200	17.838
	5240	17.849
	5745	17.948
	5785	17.98
	5825	17.976
n40 SISO	5190	36.394
	5230	36.369
	5755	36.566
	5795	36.615
ac20 SISO	5180	17.86
	5200	17.831
	5240	17.864
	5745	17.931
	5785	17.948
	5825	17.983
ac40 SISO	5190	36.379
	5230	36.422
	5755	36.615
	5795	36.593
ac80 SISO	5210	75.739
	5775	76.034

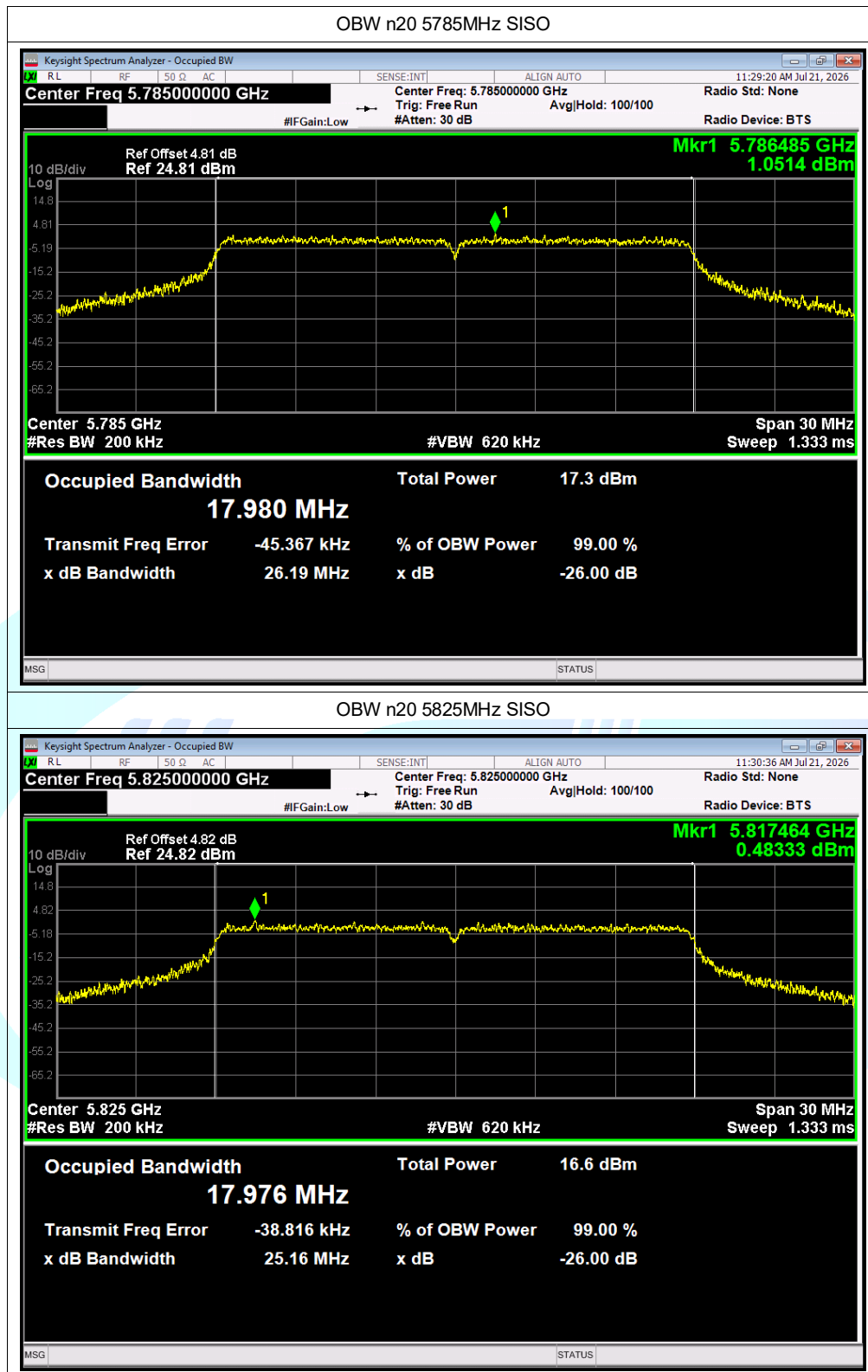


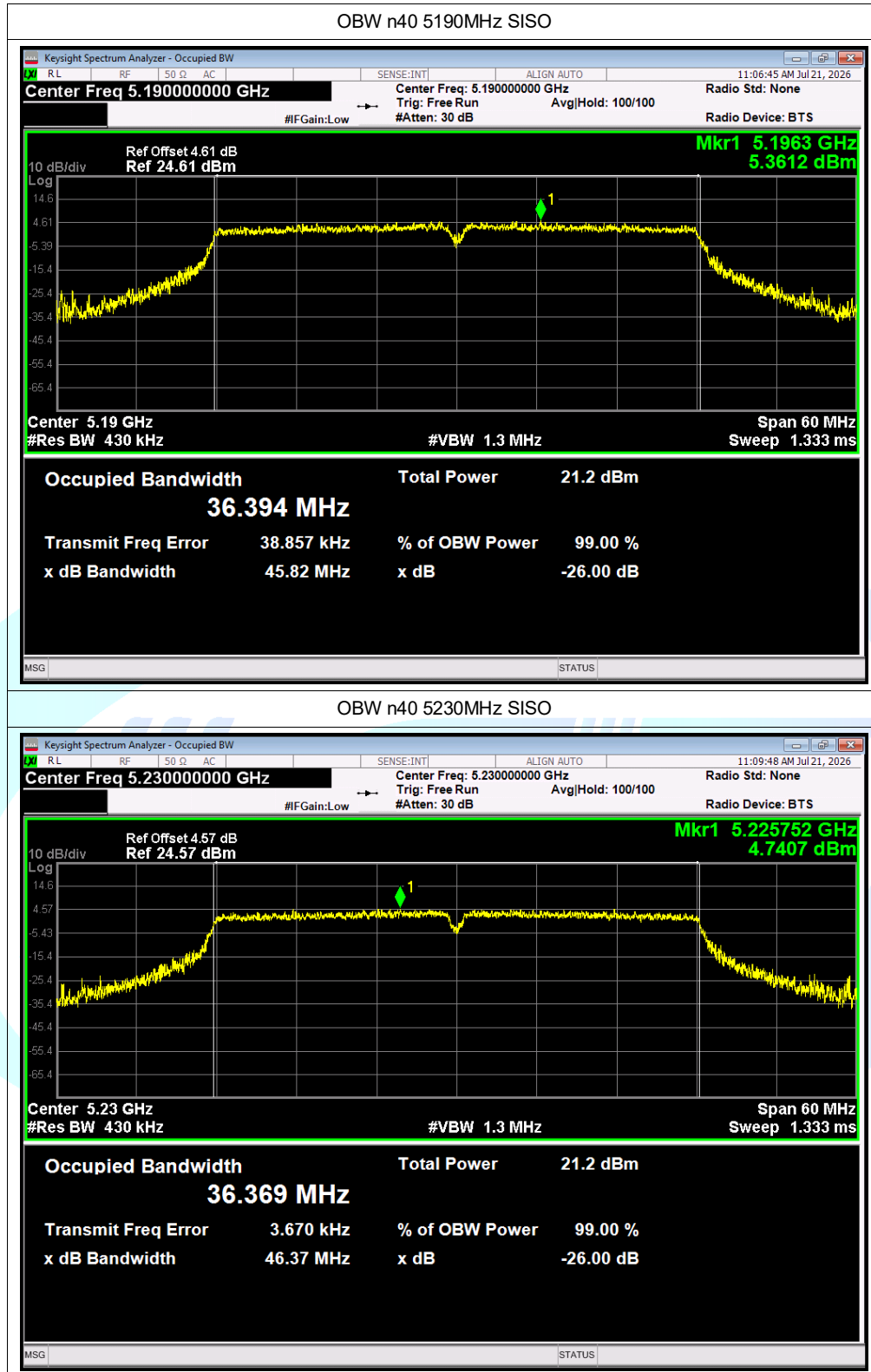


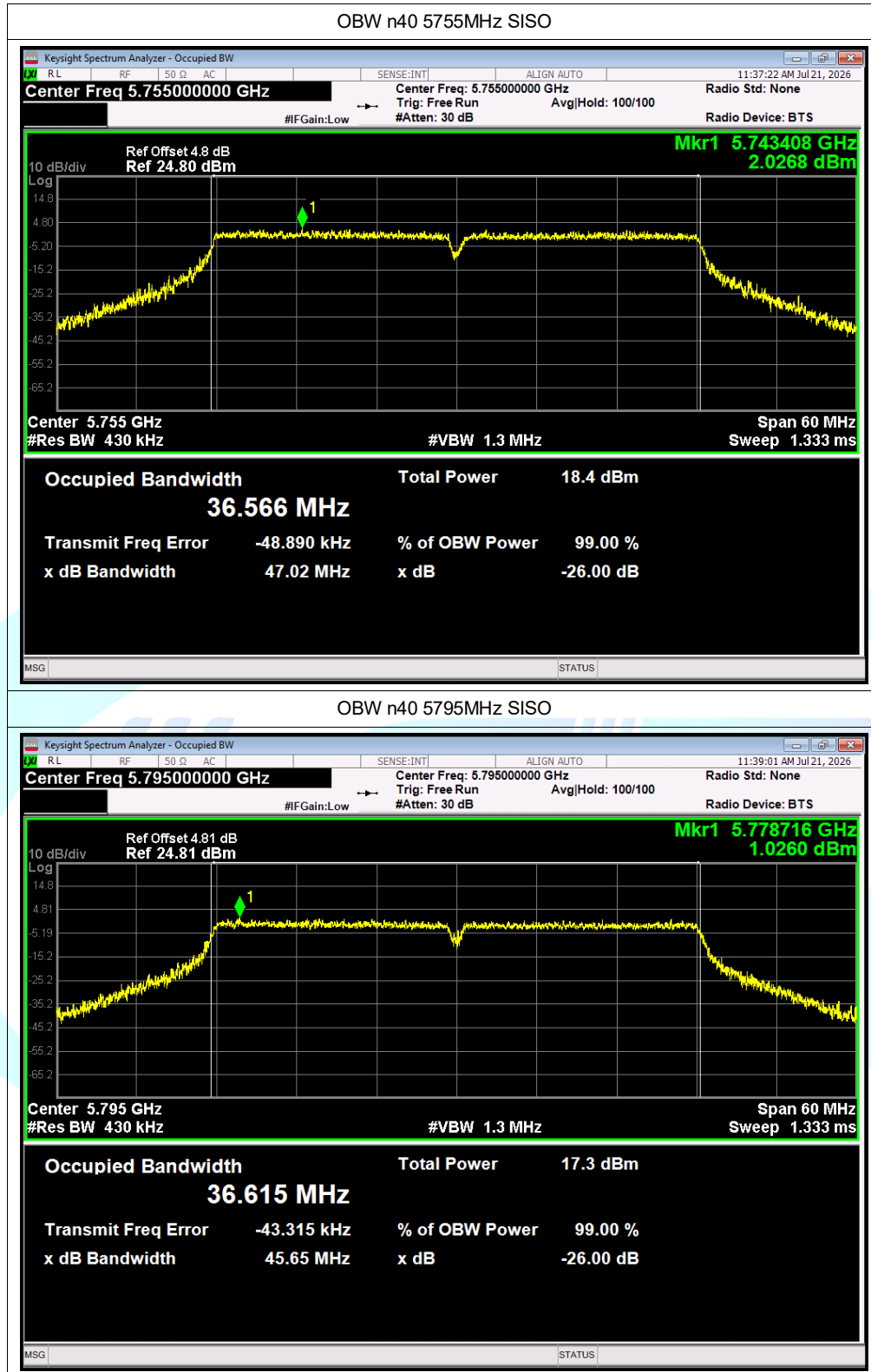






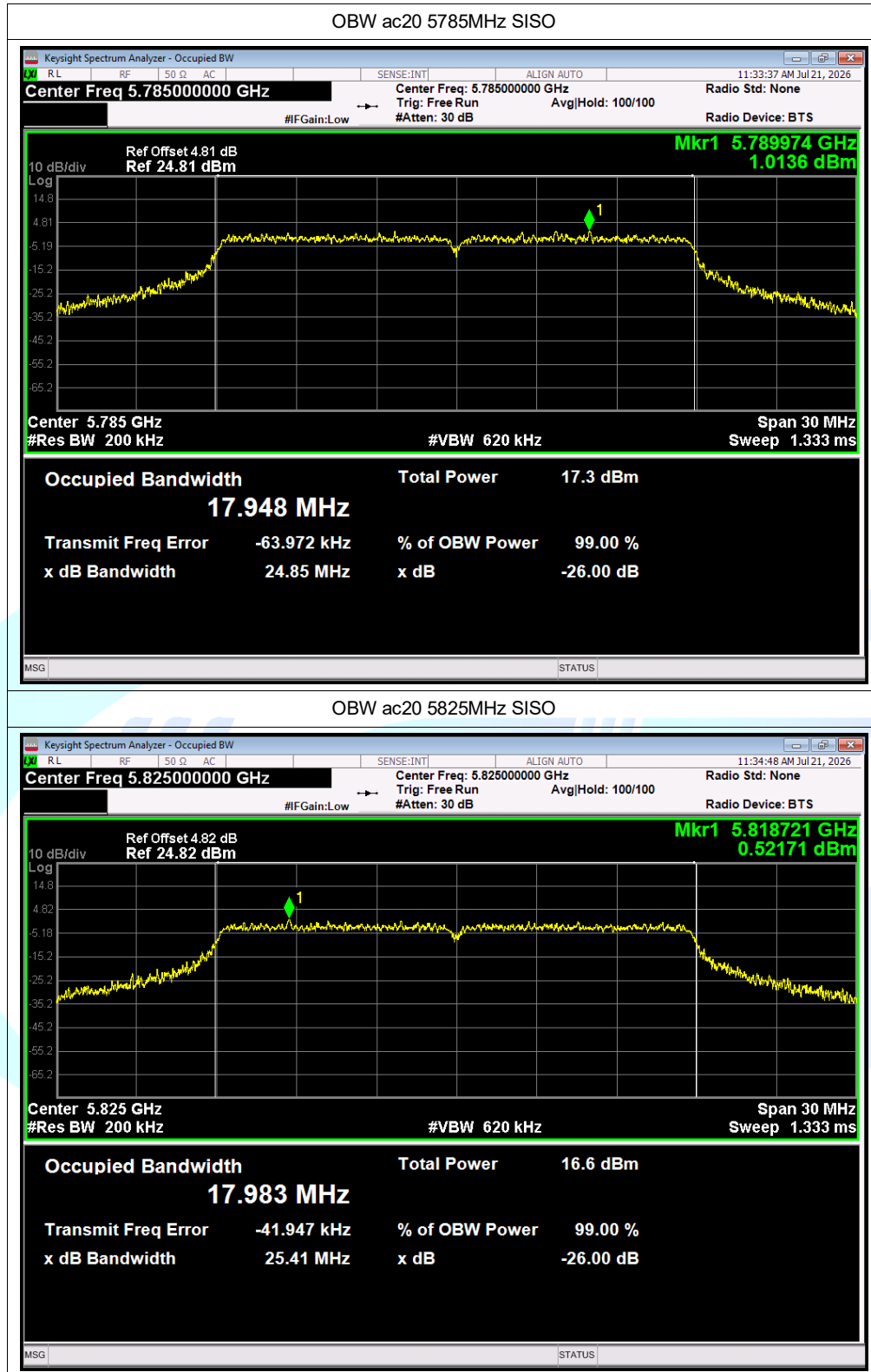




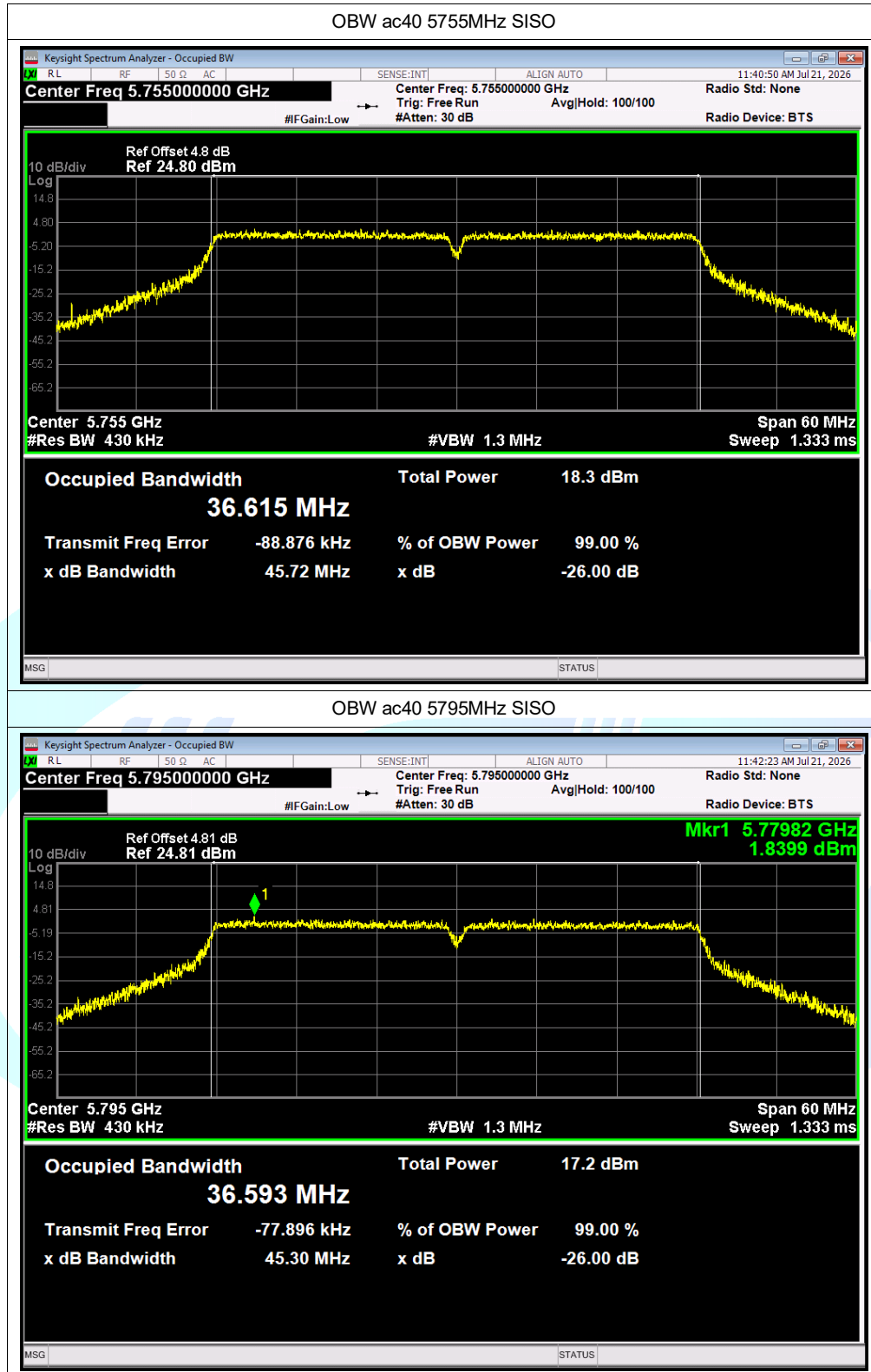












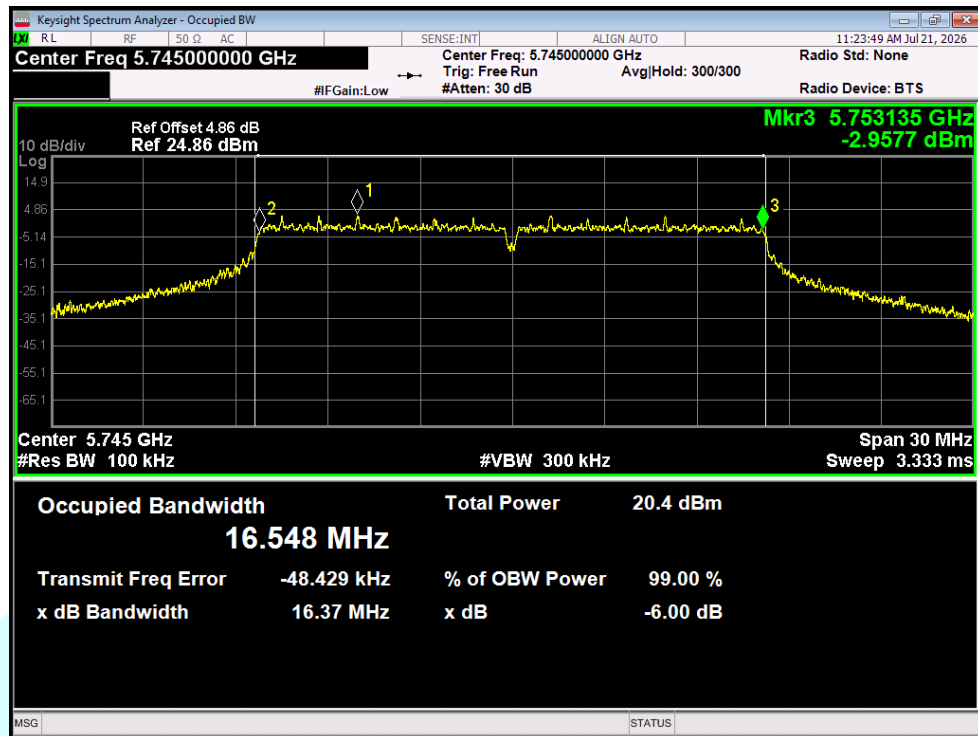


4 -6dB Bandwidth

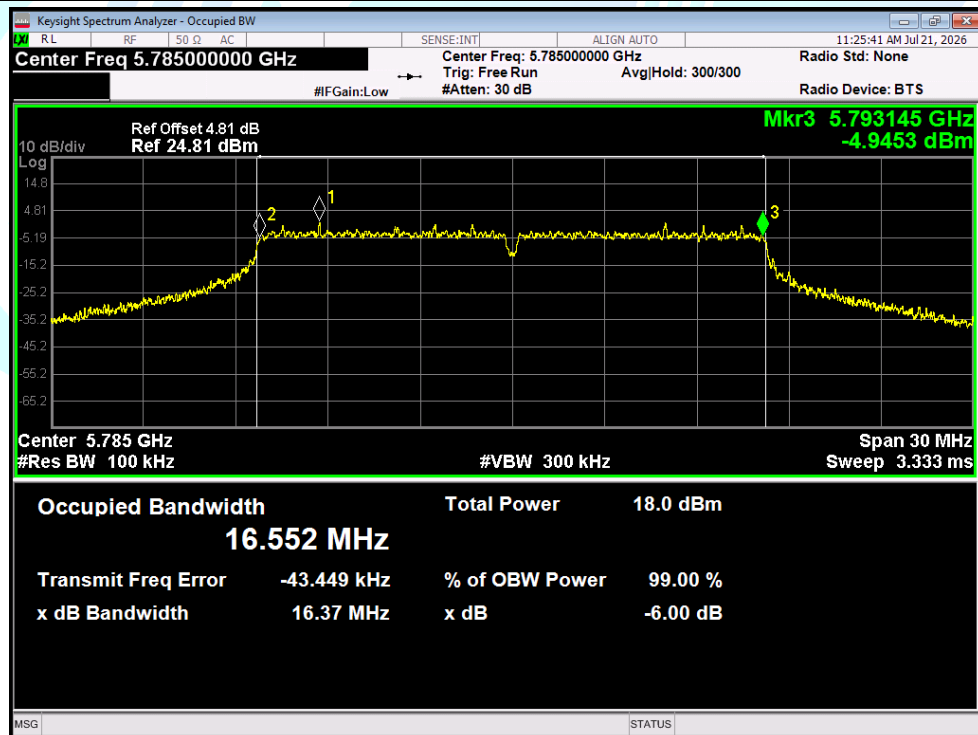
Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a SISO	5745	16.37	0.5	Pass
	5785	16.37	0.5	Pass
	5825	16.36	0.5	Pass
n20 SISO	5745	17.63	0.5	Pass
	5785	17.6	0.5	Pass
	5825	17.63	0.5	Pass
n40 SISO	5755	36.4	0.5	Pass
	5795	36.36	0.5	Pass
ac20 SISO	5745	17.6	0.5	Pass
	5785	17.59	0.5	Pass
	5825	17.63	0.5	Pass
ac40 SISO	5755	36.38	0.5	Pass
	5795	36.35	0.5	Pass
ac80 SISO	5775	76.32	0.5	Pass

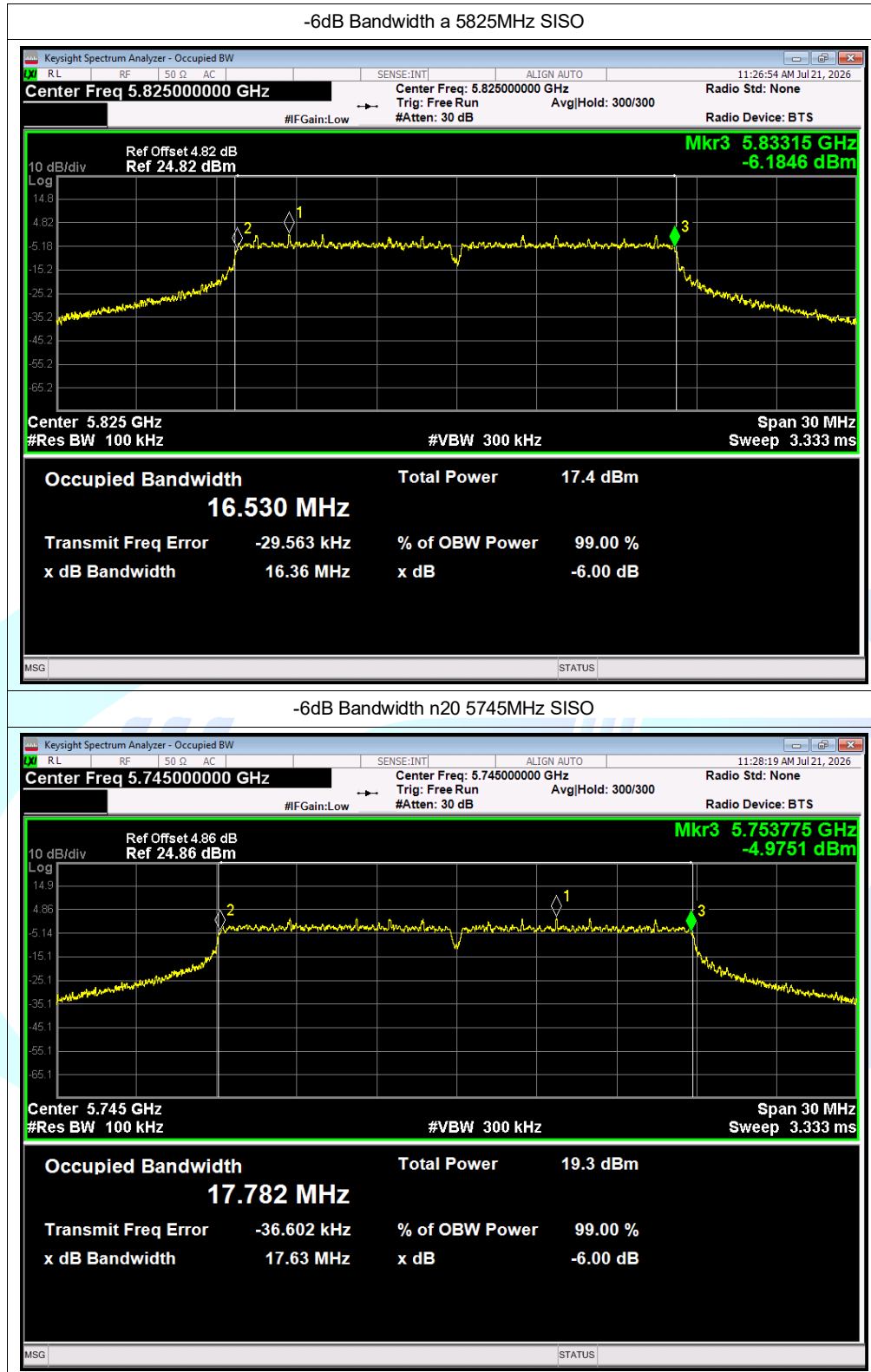
Test Graphs

-6dB Bandwidth a 5745MHz SISO

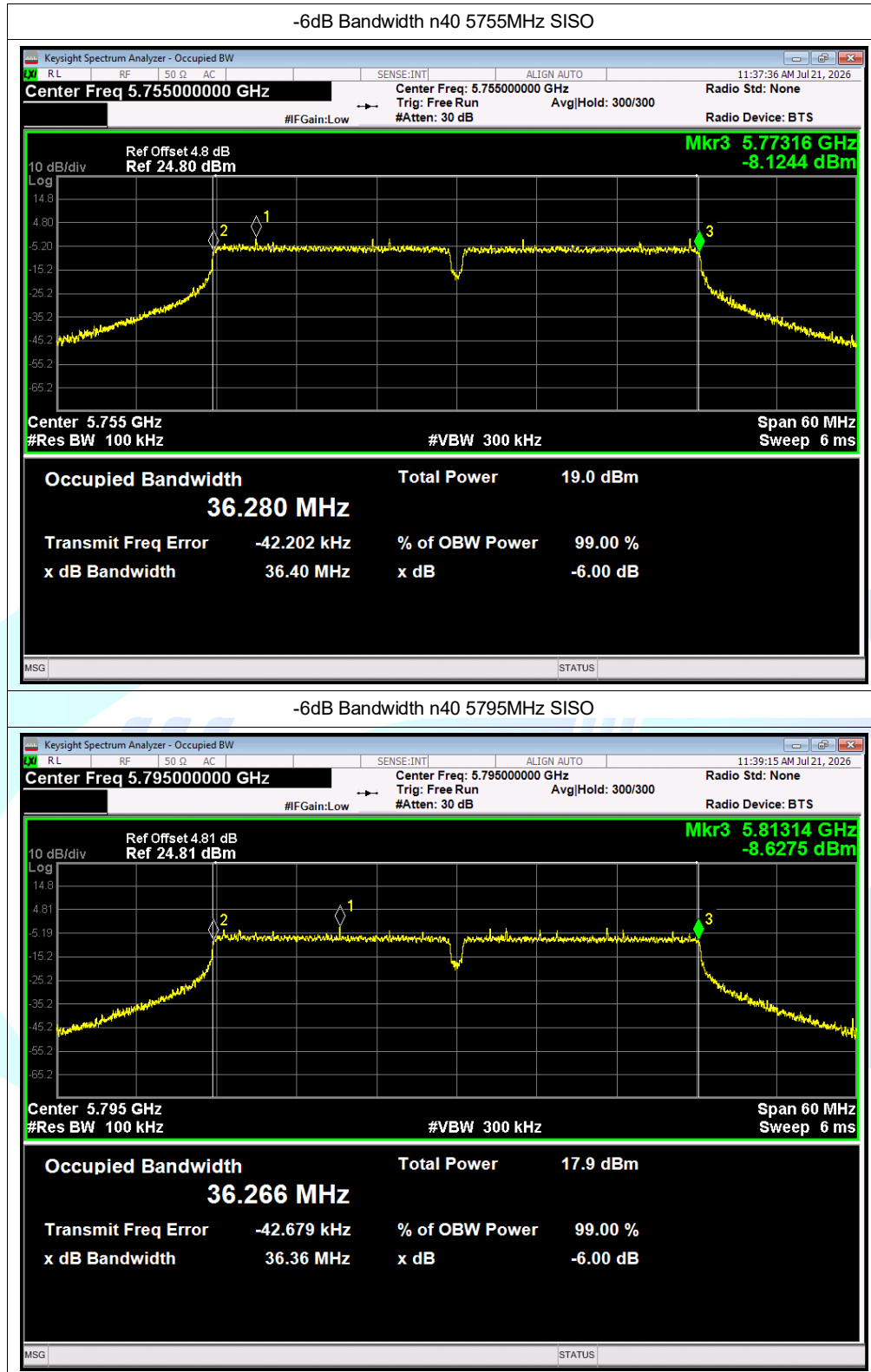


-6dB Bandwidth a 5785MHz SISO

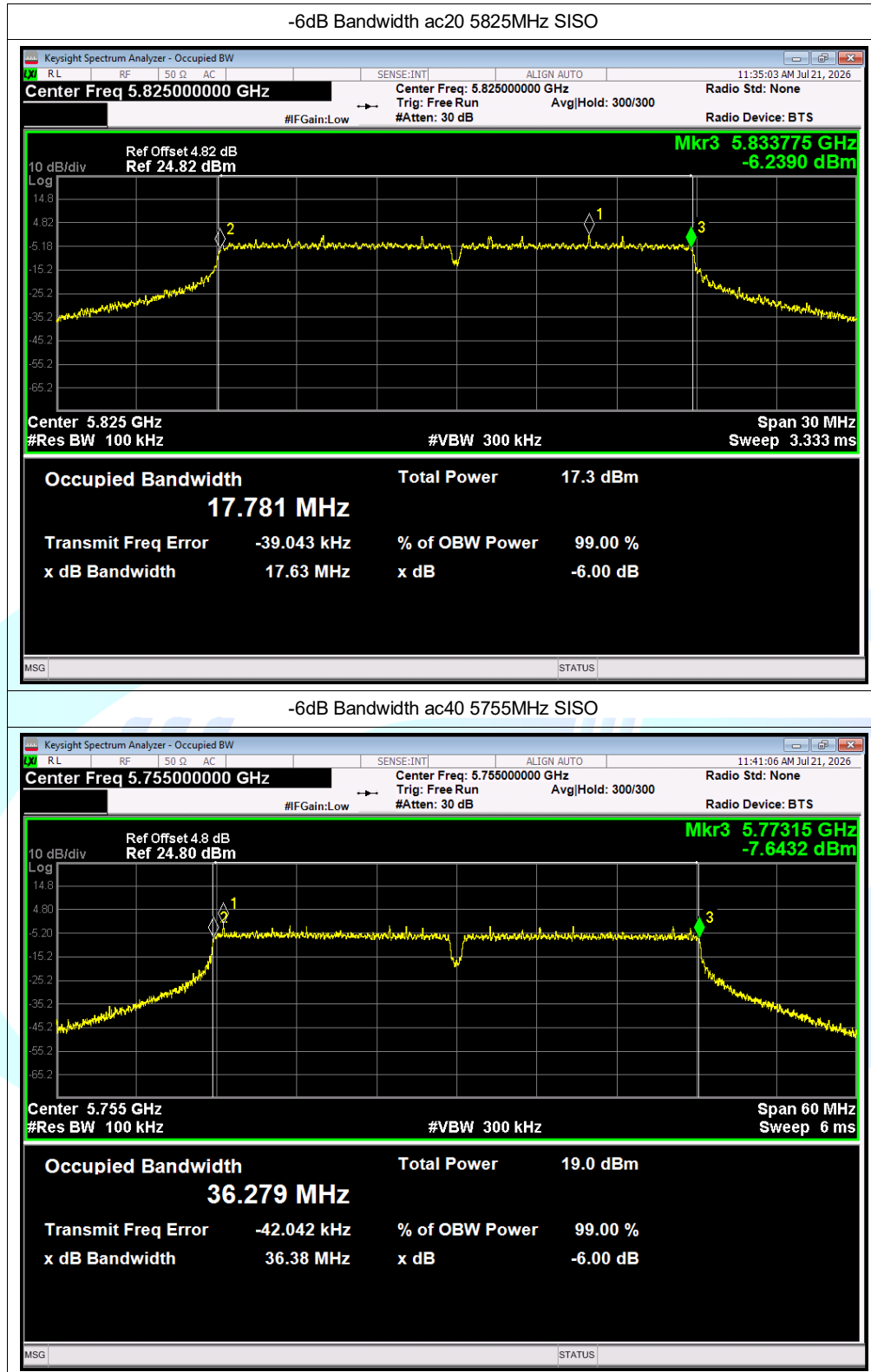


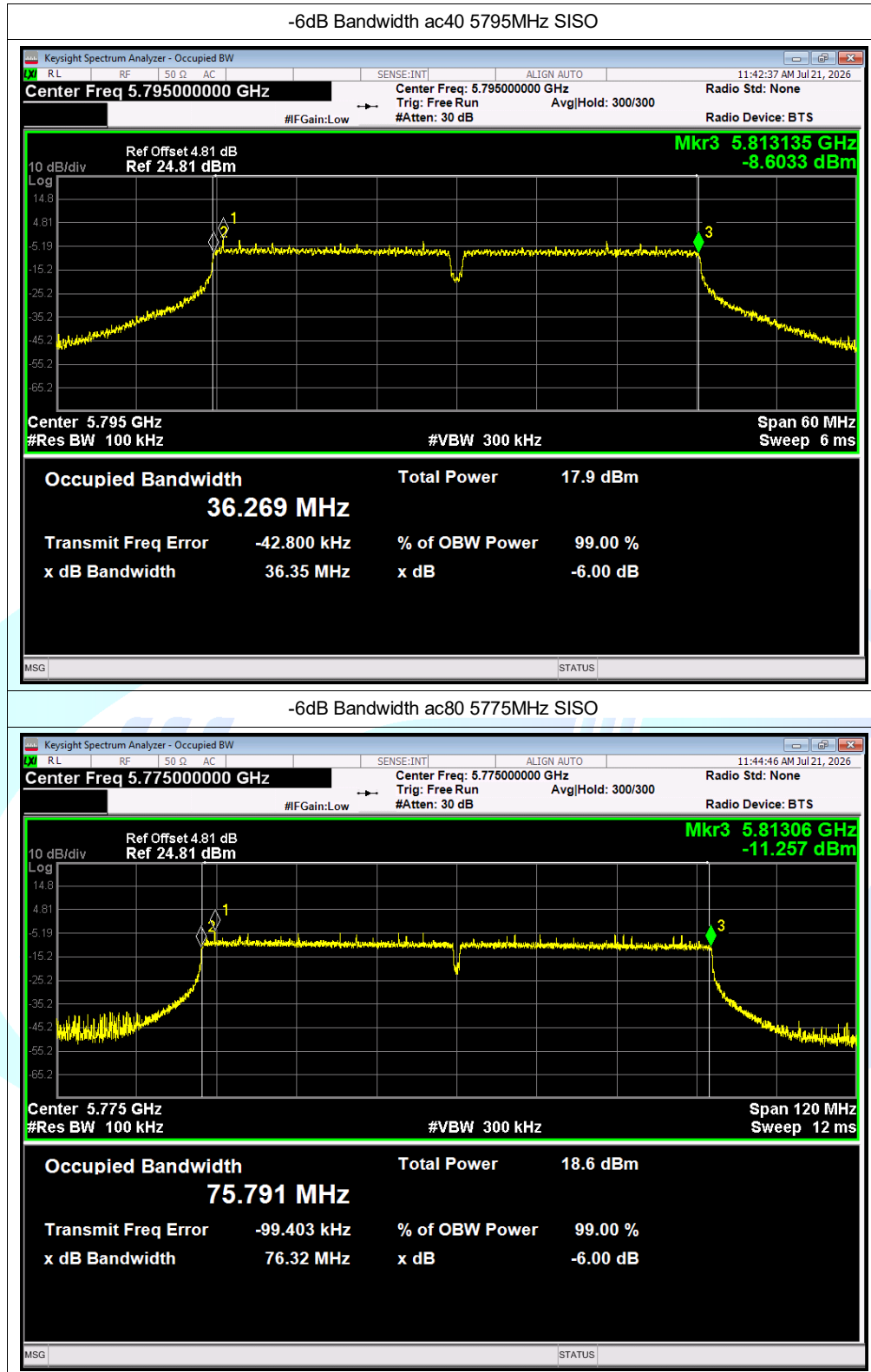






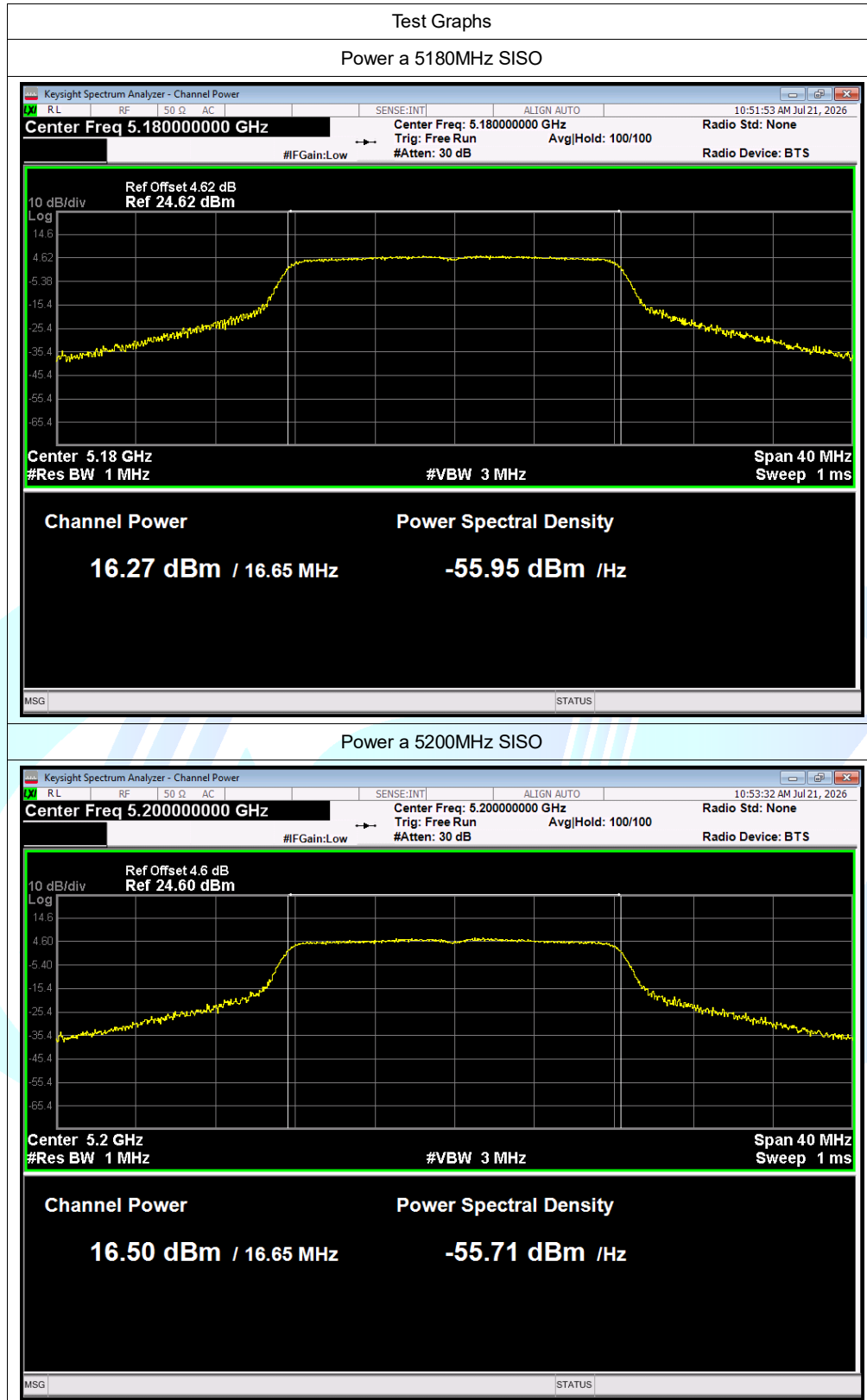


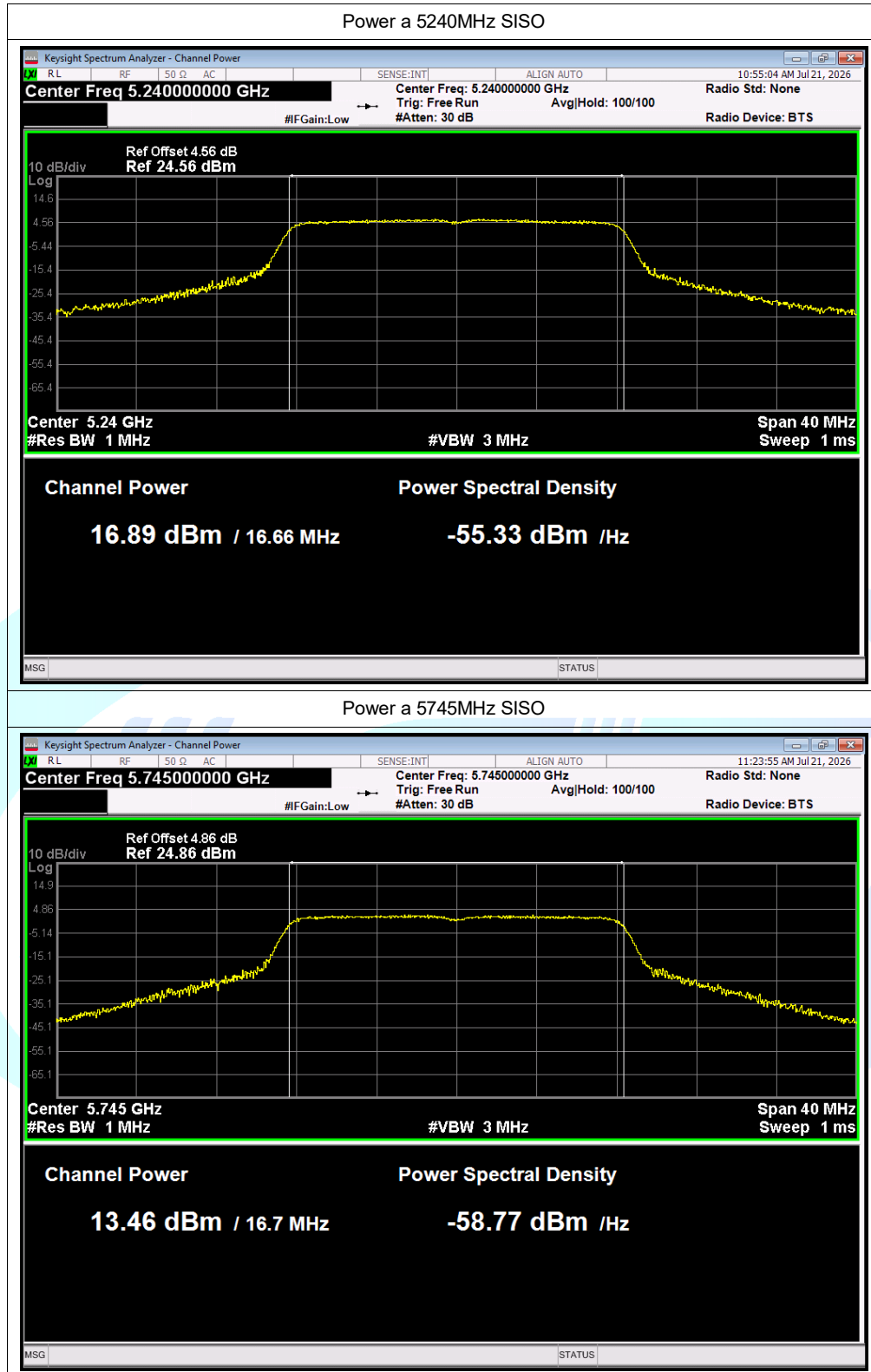


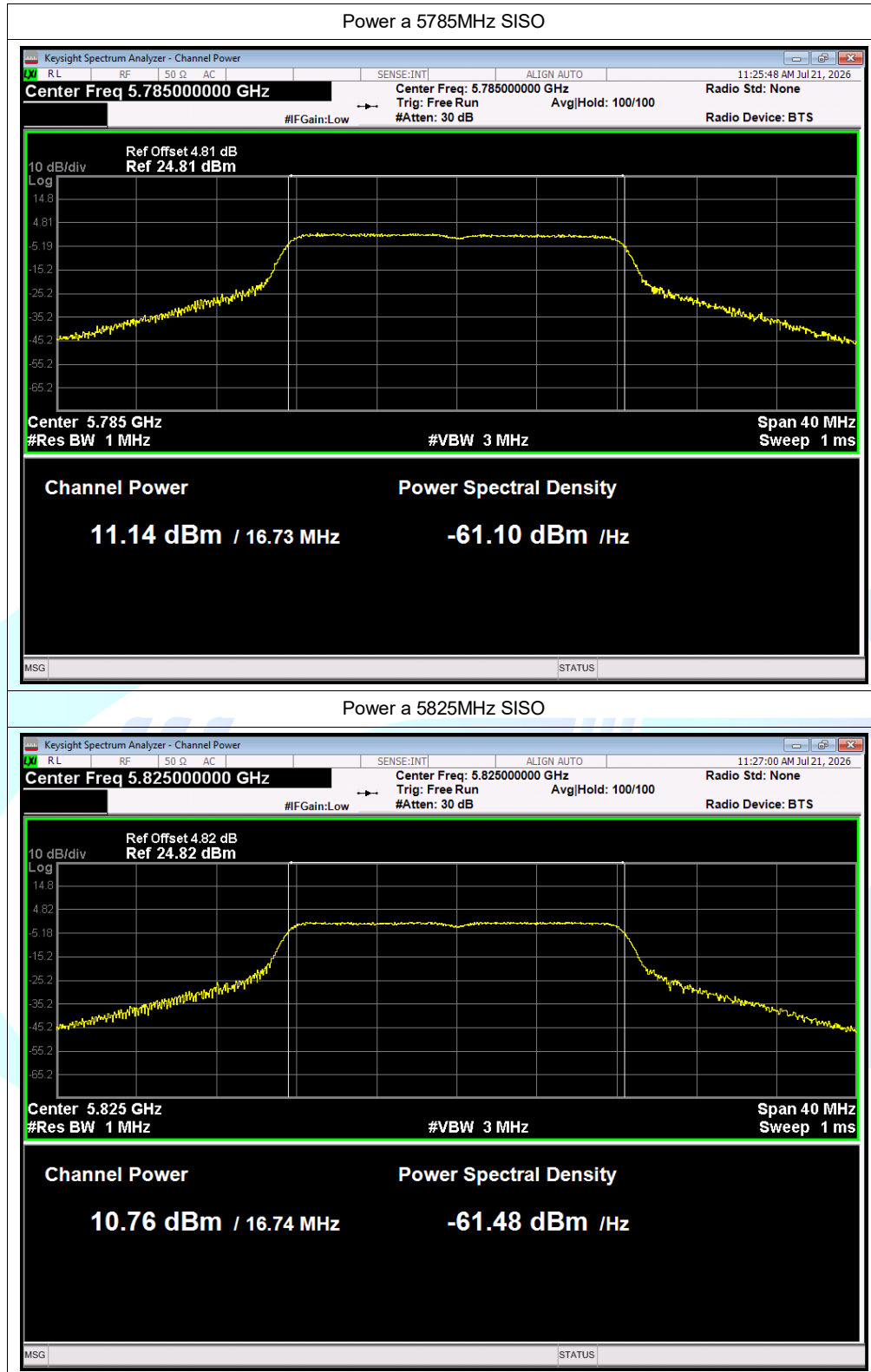


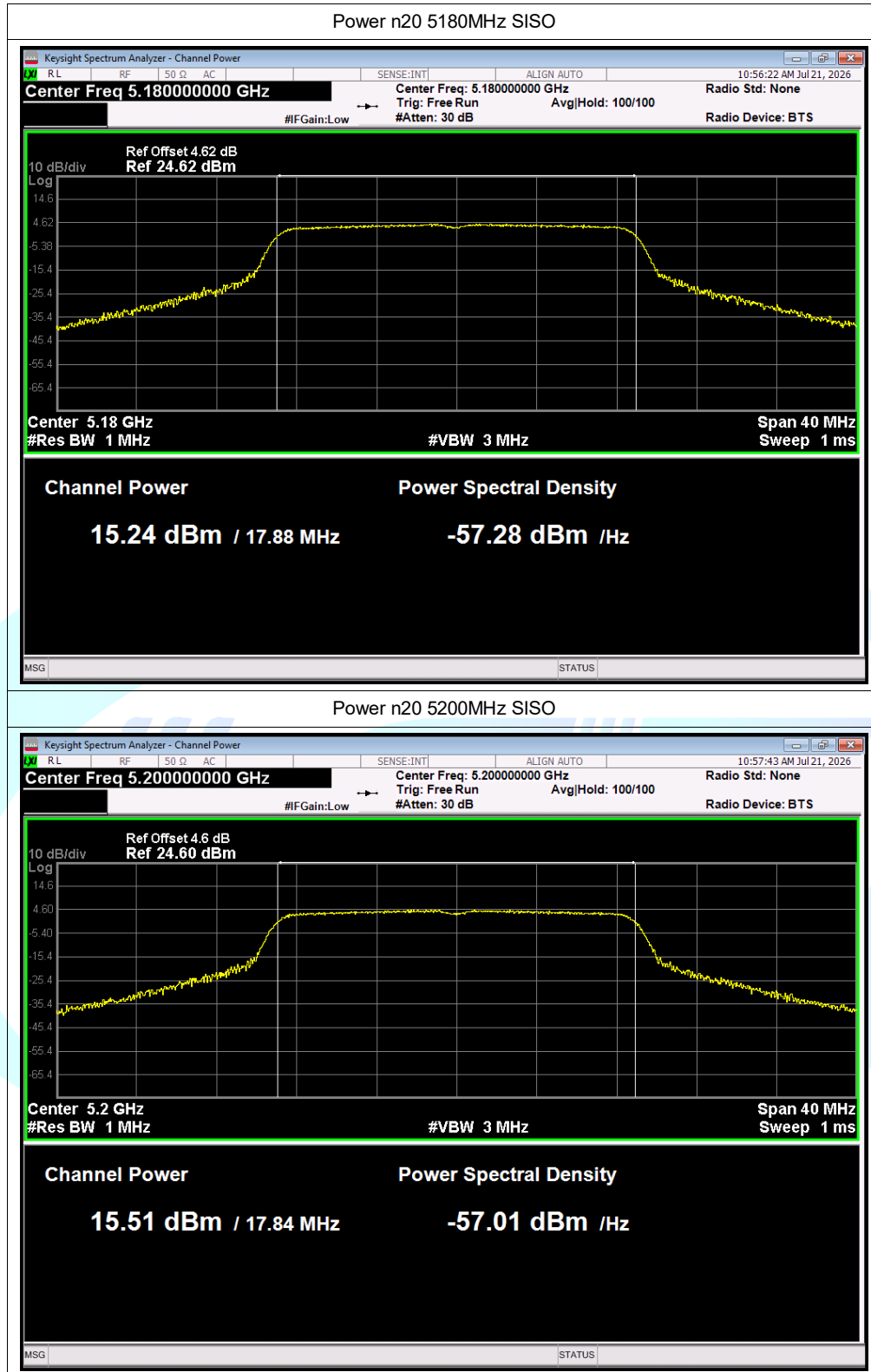
5 Maximum Conducted Output Power

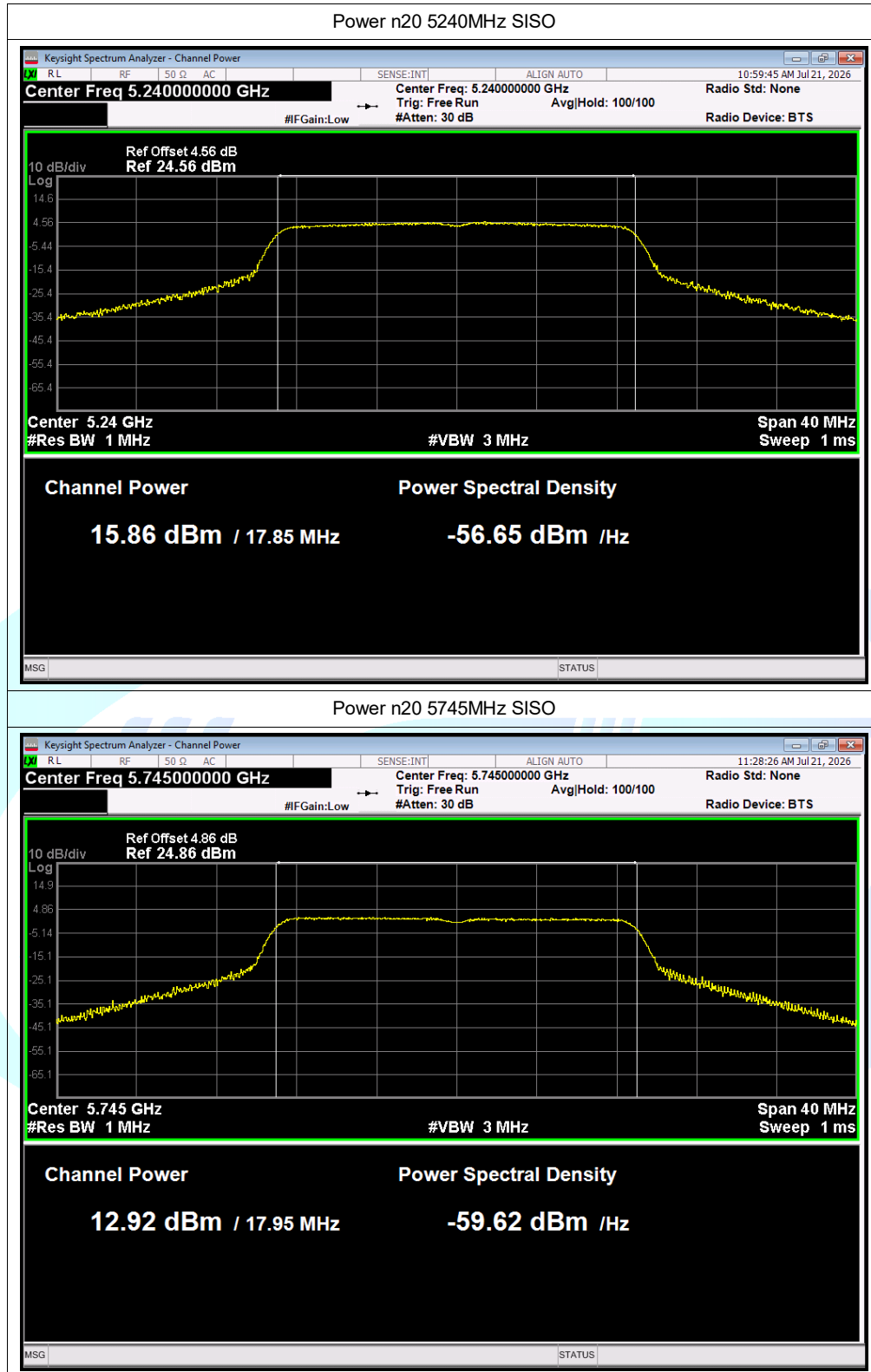
Mode	Frequency (MHz)	Cond. Power (dBm)	Duty Factor (dB)	Total Cond. Power (dBm)	Limit (dBm)	Verdict
a SISO	5180	16.27	0.44	16.71	23.98	Pass
	5200	16.5	0.42	16.92	23.98	Pass
	5240	16.89	0.53	17.42	23.98	Pass
	5745	13.46	0.21	13.67	30.00	Pass
	5785	11.14	0.36	11.50	30.00	Pass
	5825	10.76	0.58	11.34	30.00	Pass
n20 SISO	5180	15.24	0.10	15.34	23.98	Pass
	5200	15.51	0.09	15.60	23.98	Pass
	5240	15.86	0.18	16.04	23.98	Pass
	5745	12.92	0.10	13.02	30.00	Pass
	5785	11.37	0.07	11.44	30.00	Pass
	5825	11.07	0.10	11.17	30.00	Pass
n40 SISO	5190	15.34	0.10	15.44	23.98	Pass
	5230	15.83	0.11	15.94	23.98	Pass
	5755	12.53	0.07	12.60	30.00	Pass
	5795	11.34	0.30	11.64	30.00	Pass
ac20 SISO	5180	15.28	0.15	15.43	23.98	Pass
	5200	15.64	0.16	15.80	23.98	Pass
	5240	14.92	0.09	15.01	23.98	Pass
	5745	12.93	0.08	13.01	30.00	Pass
	5785	11.42	0.26	11.68	30.00	Pass
	5825	10.96	0.10	11.06	30.00	Pass
ac40 SISO	5190	15.18	0.10	15.28	23.98	Pass
	5230	15.87	0.11	15.98	23.98	Pass
	5755	12.46	0.21	12.67	30.00	Pass
	5795	11.34	0.22	11.56	30.00	Pass
ac80 SISO	5210	15.46	0.16	15.62	23.98	Pass
	5775	11.91	0.38	12.29	30.00	Pass

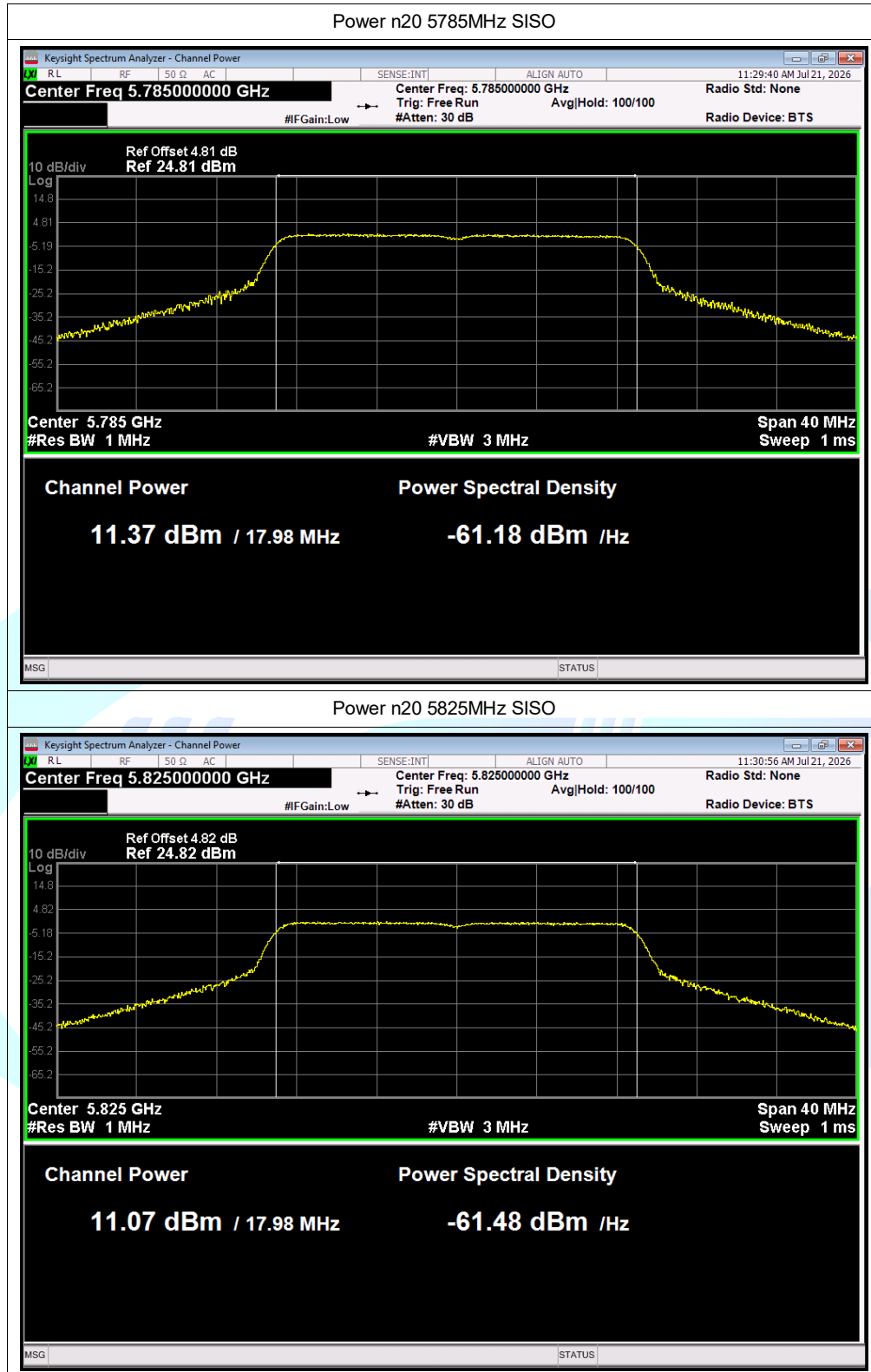


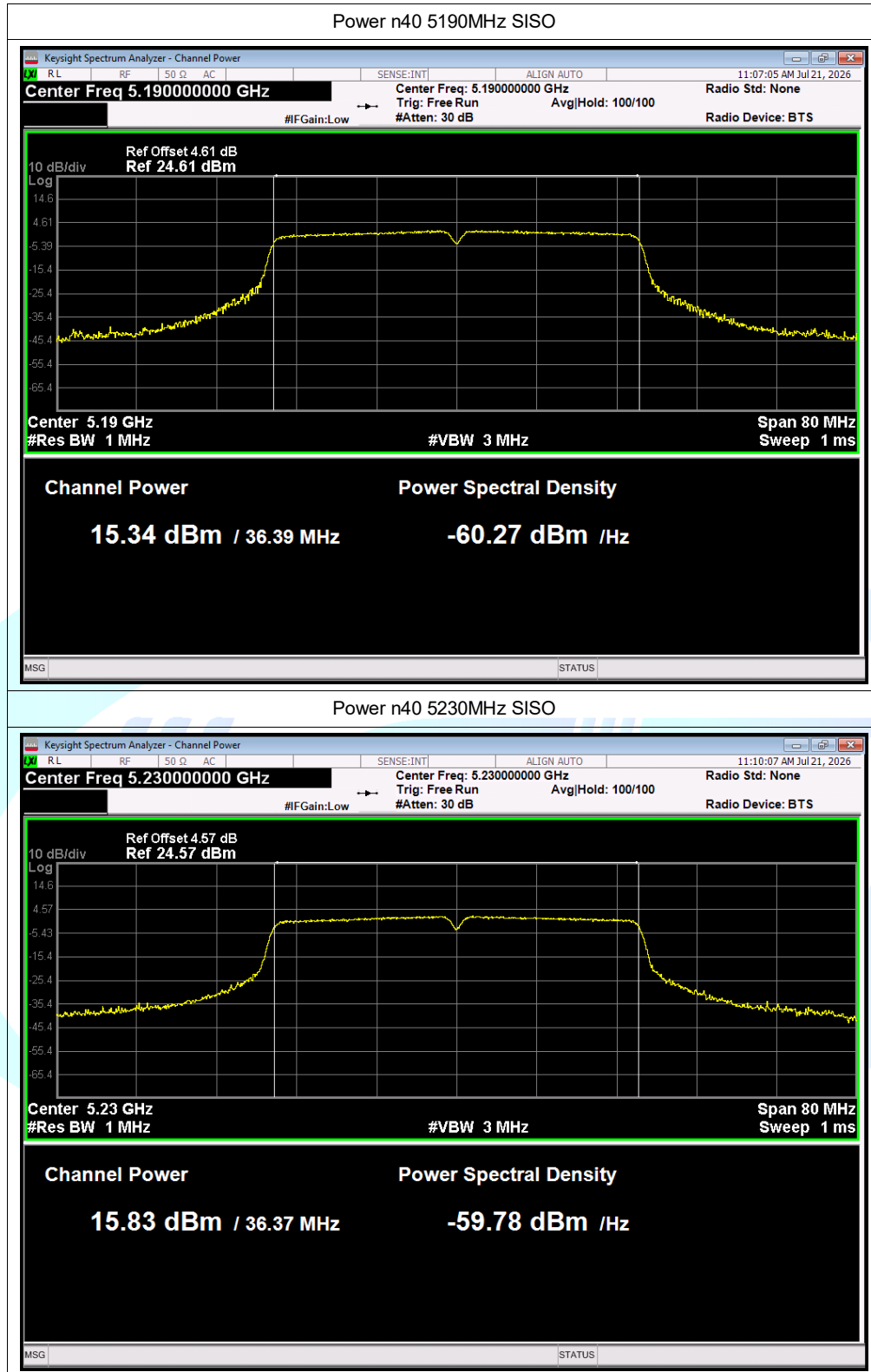


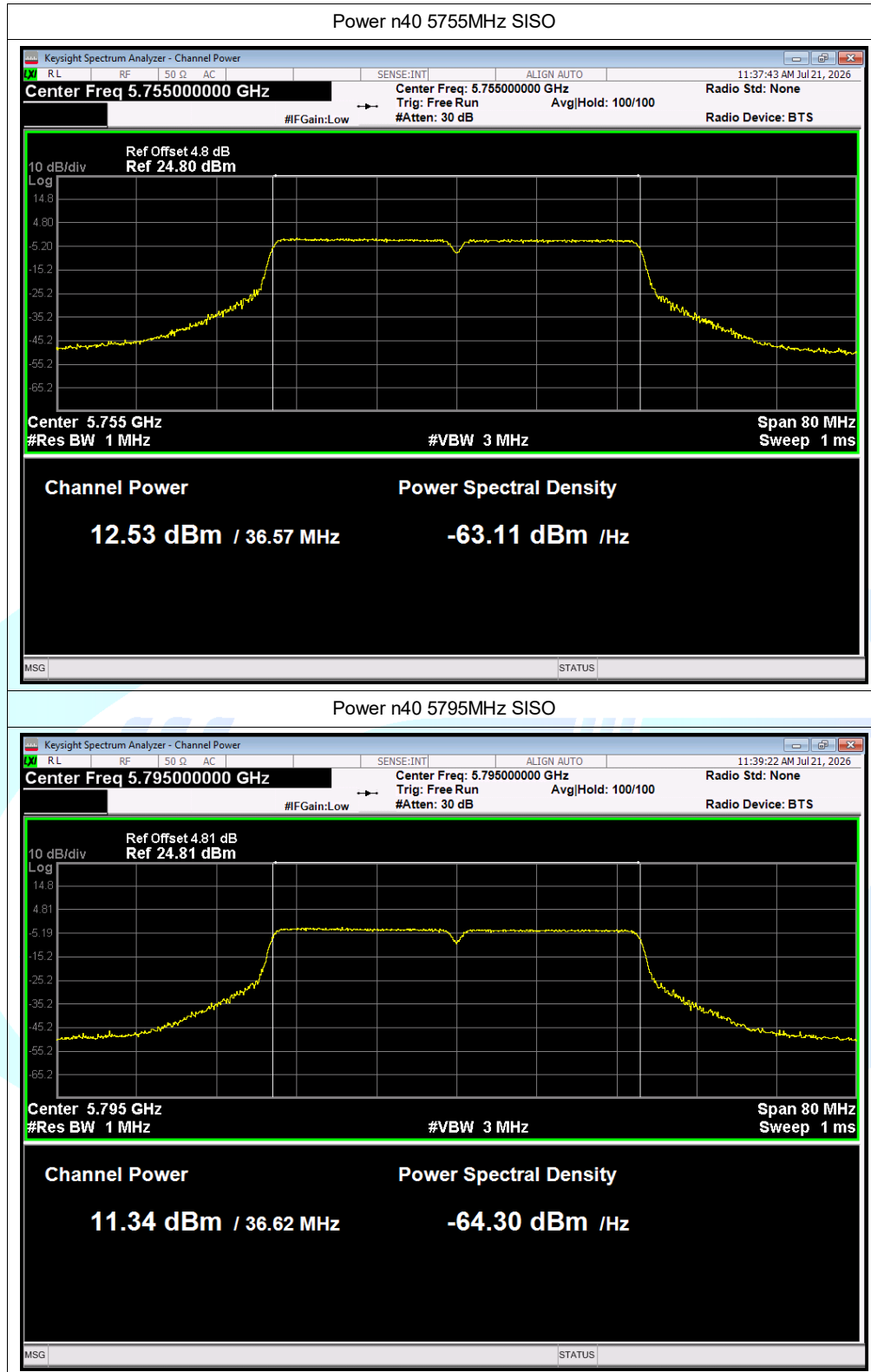


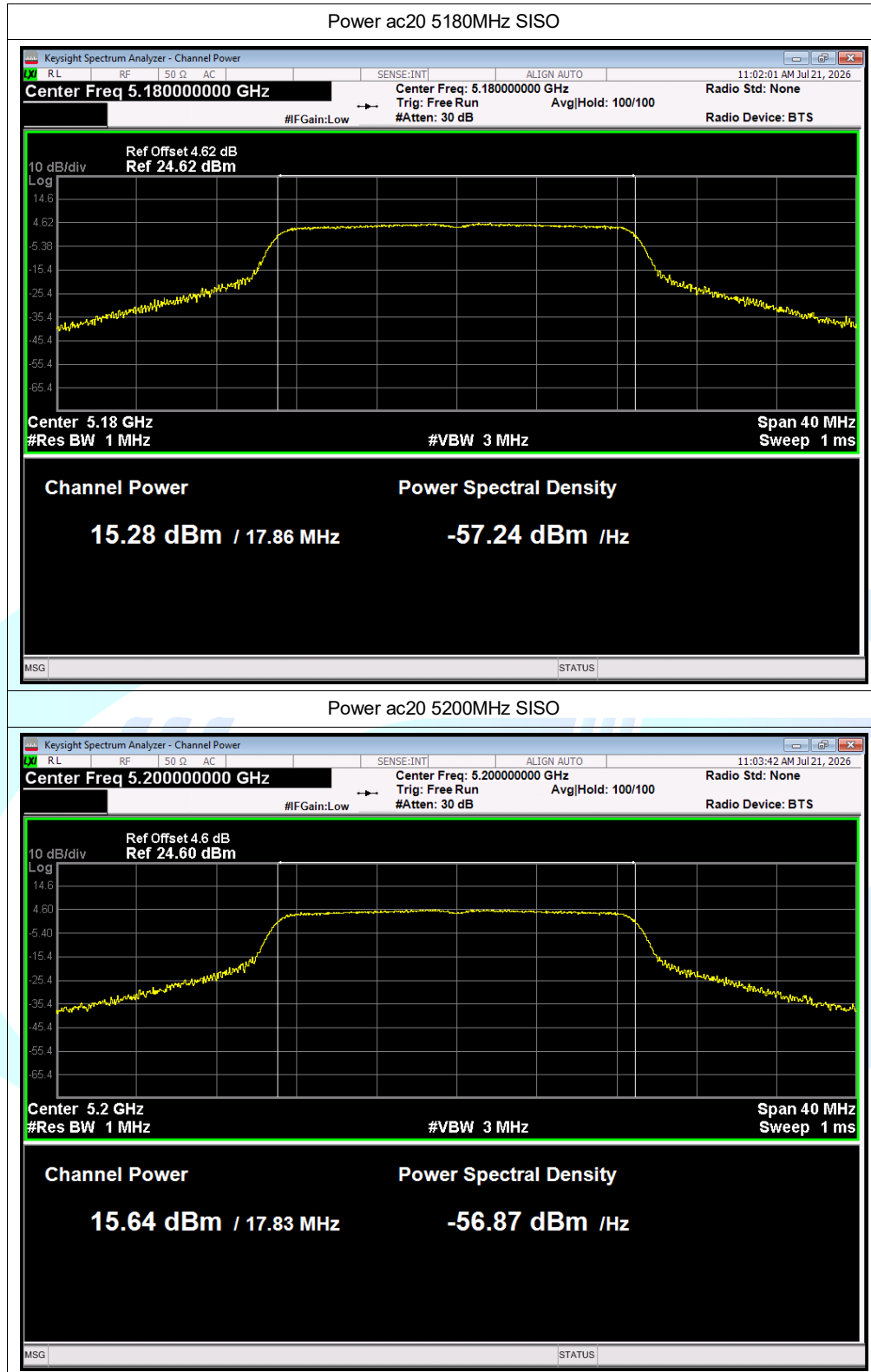


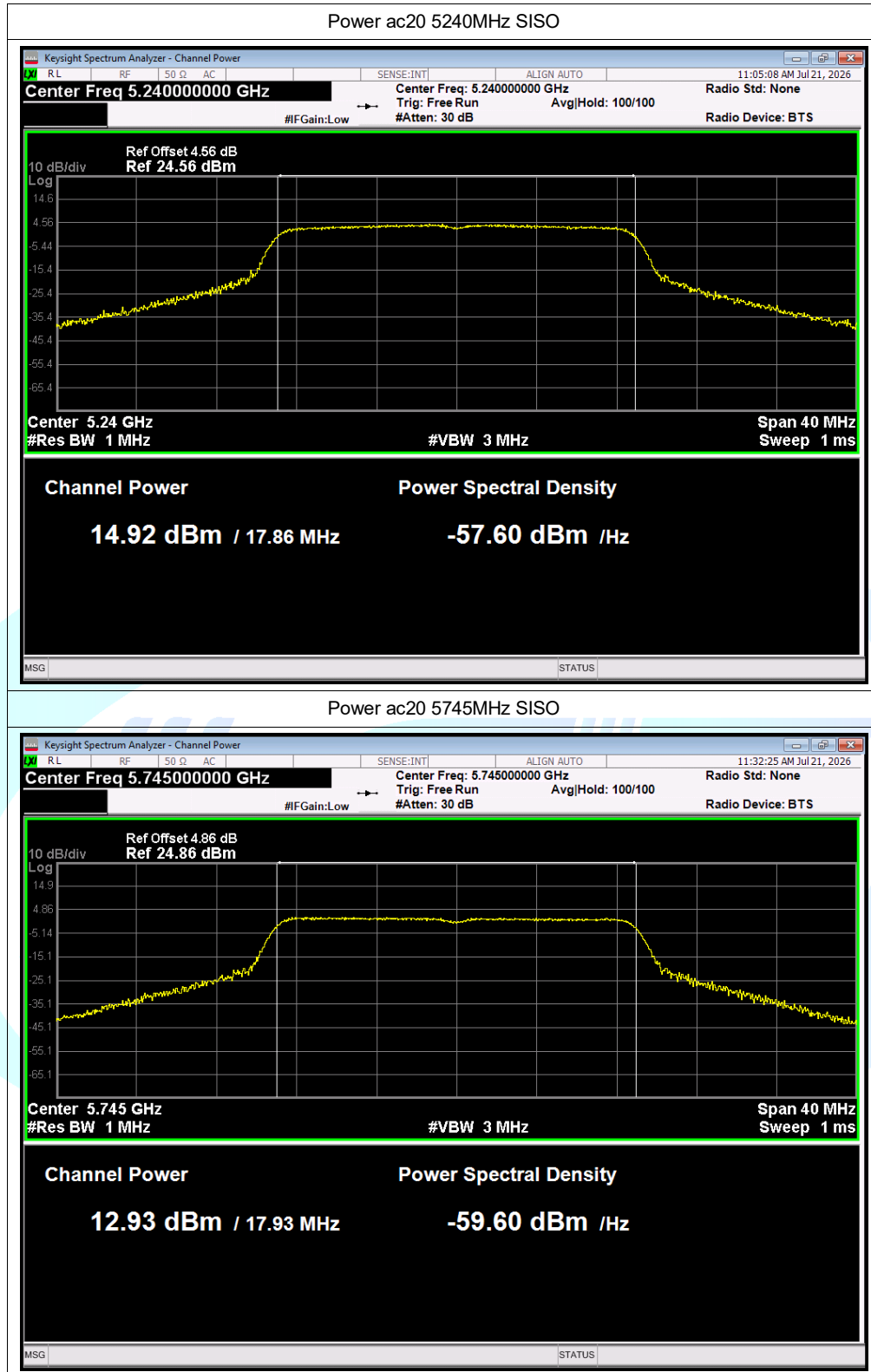


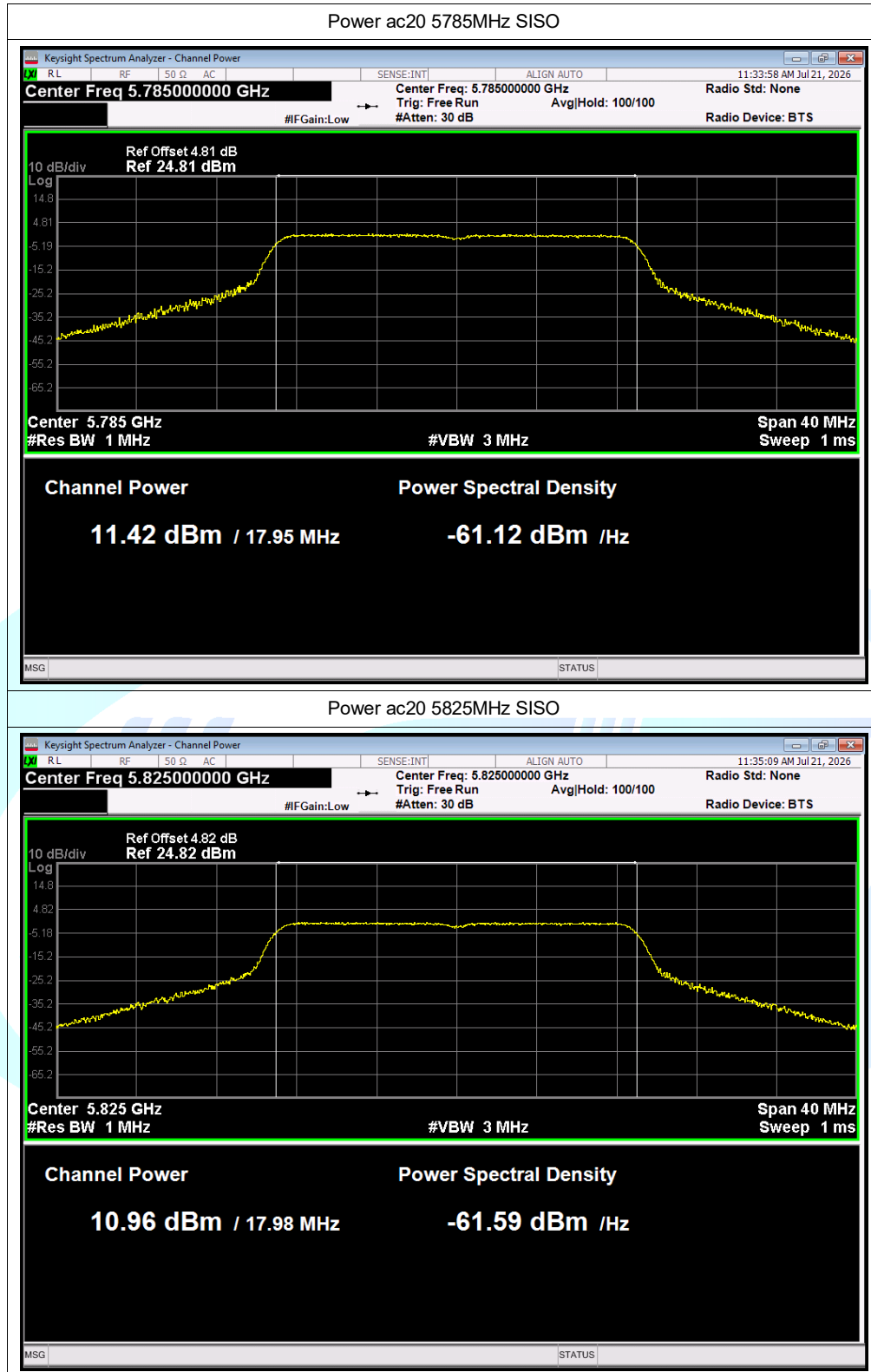


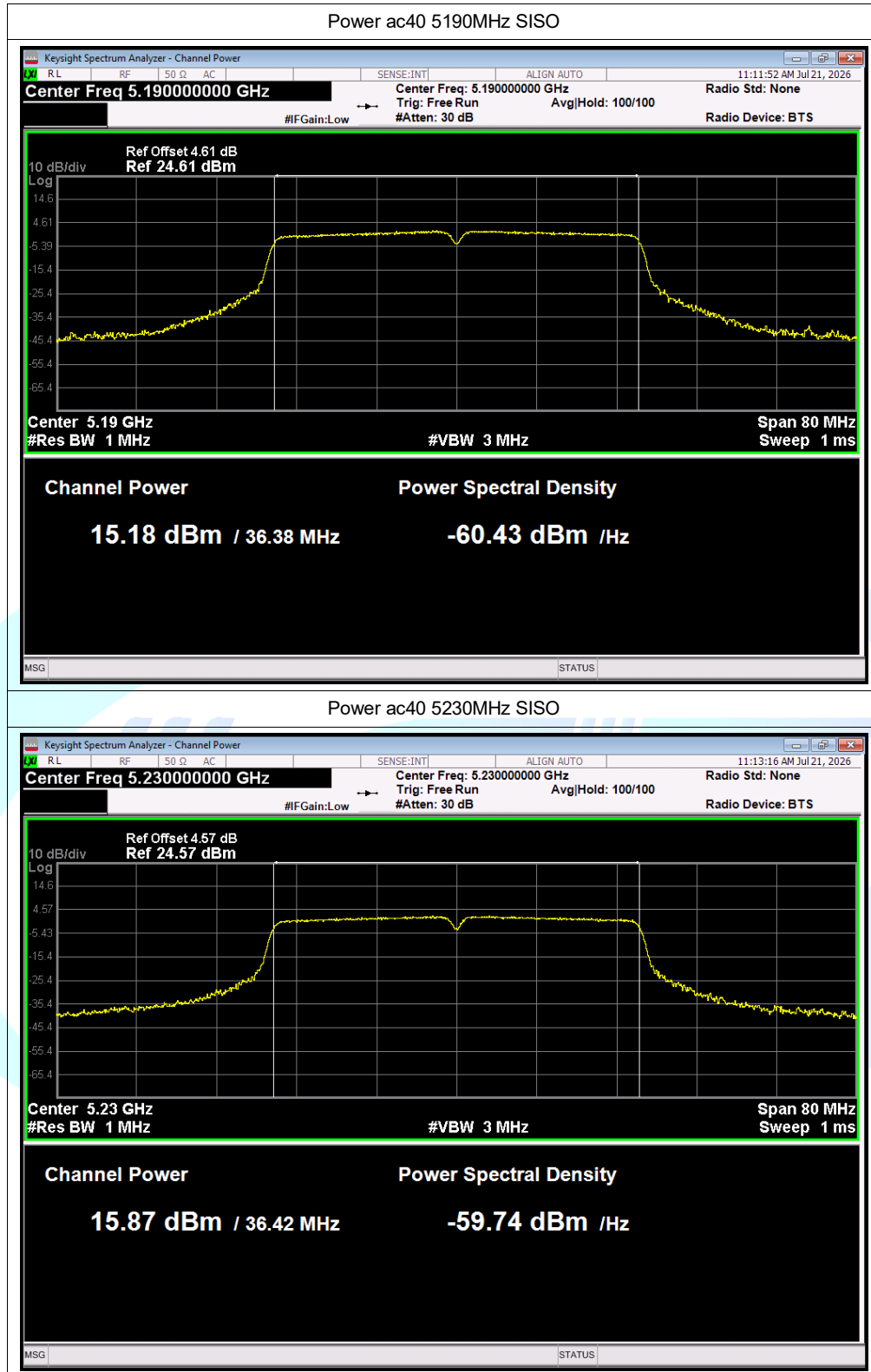


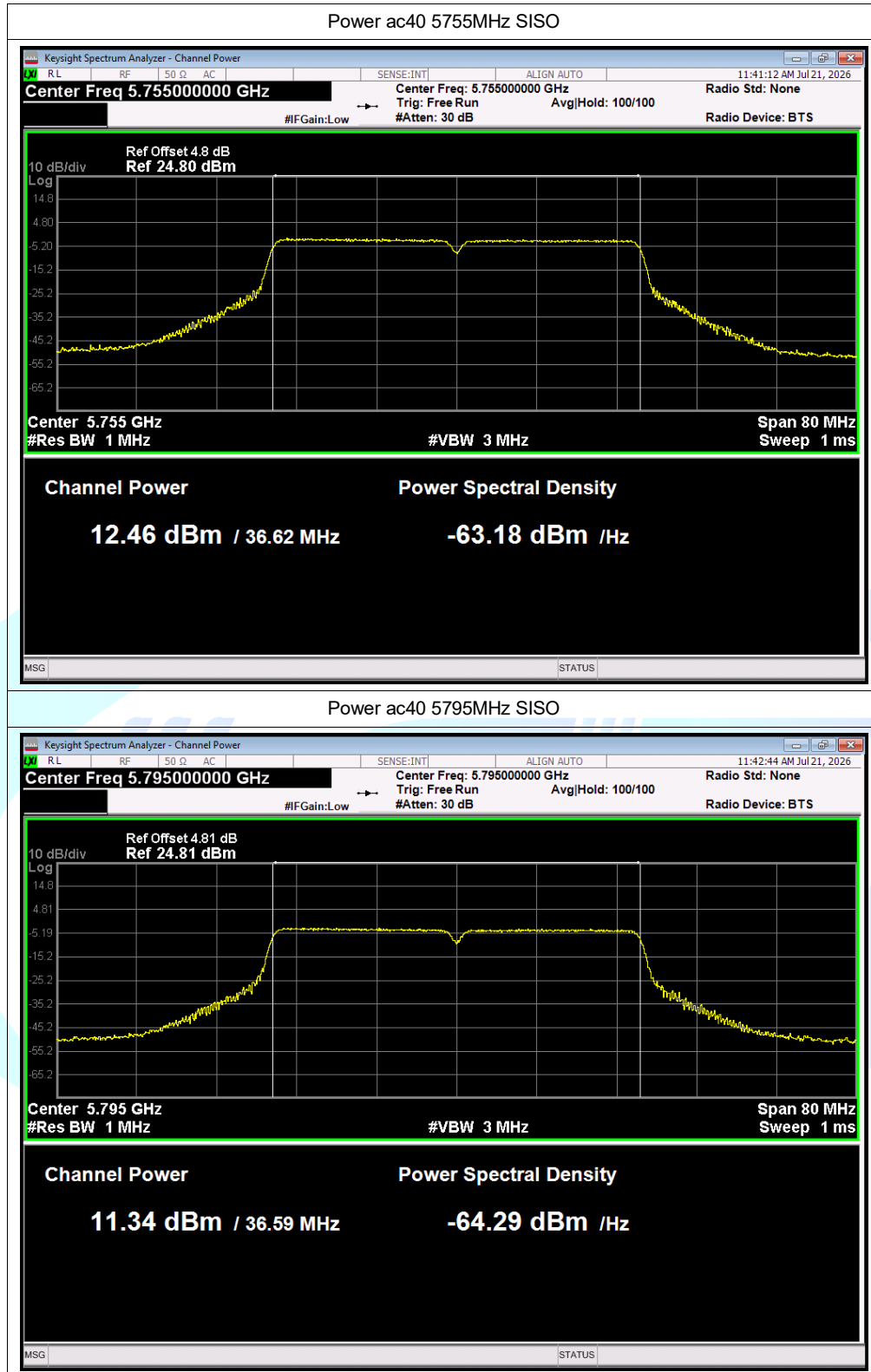


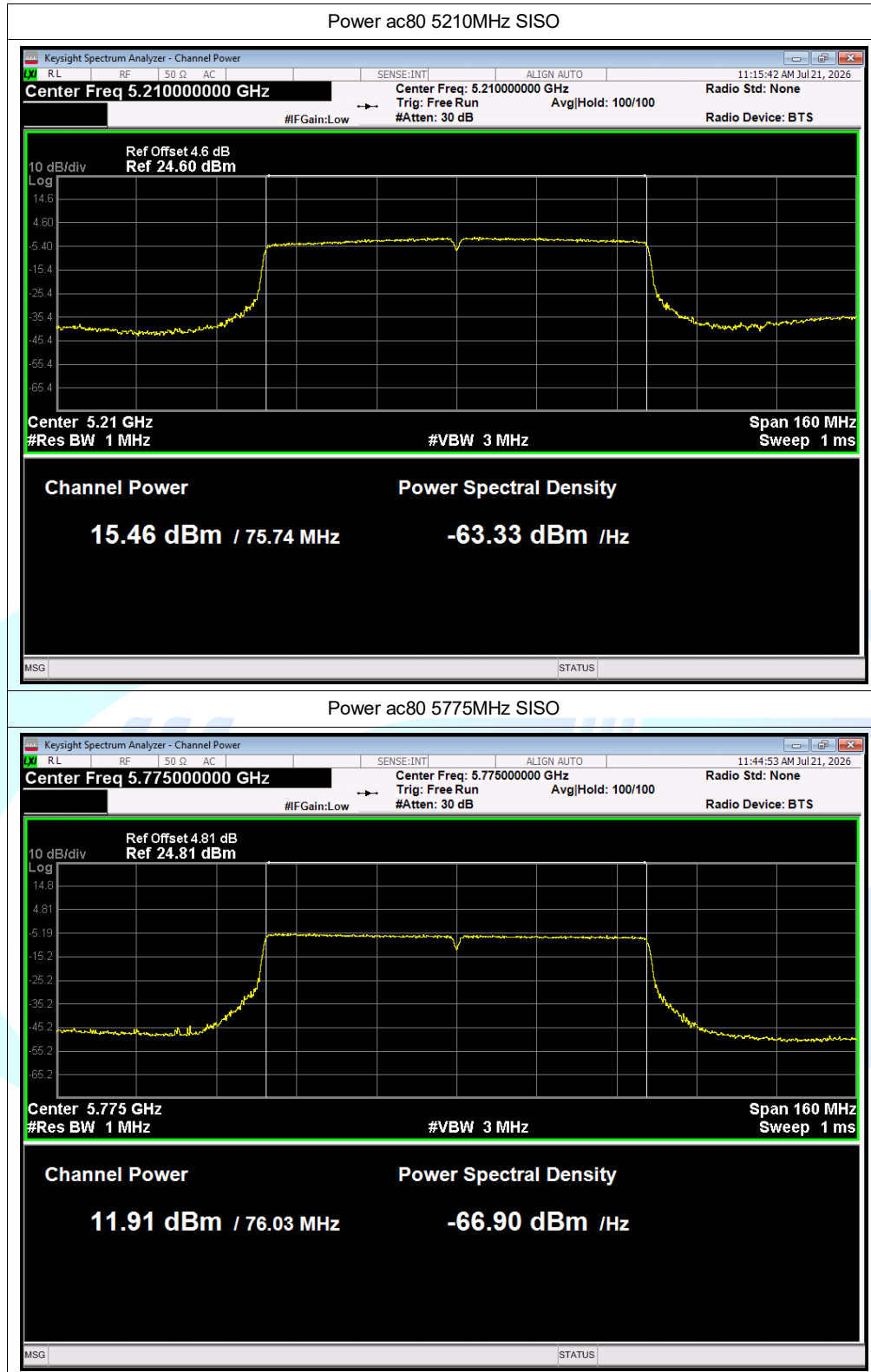








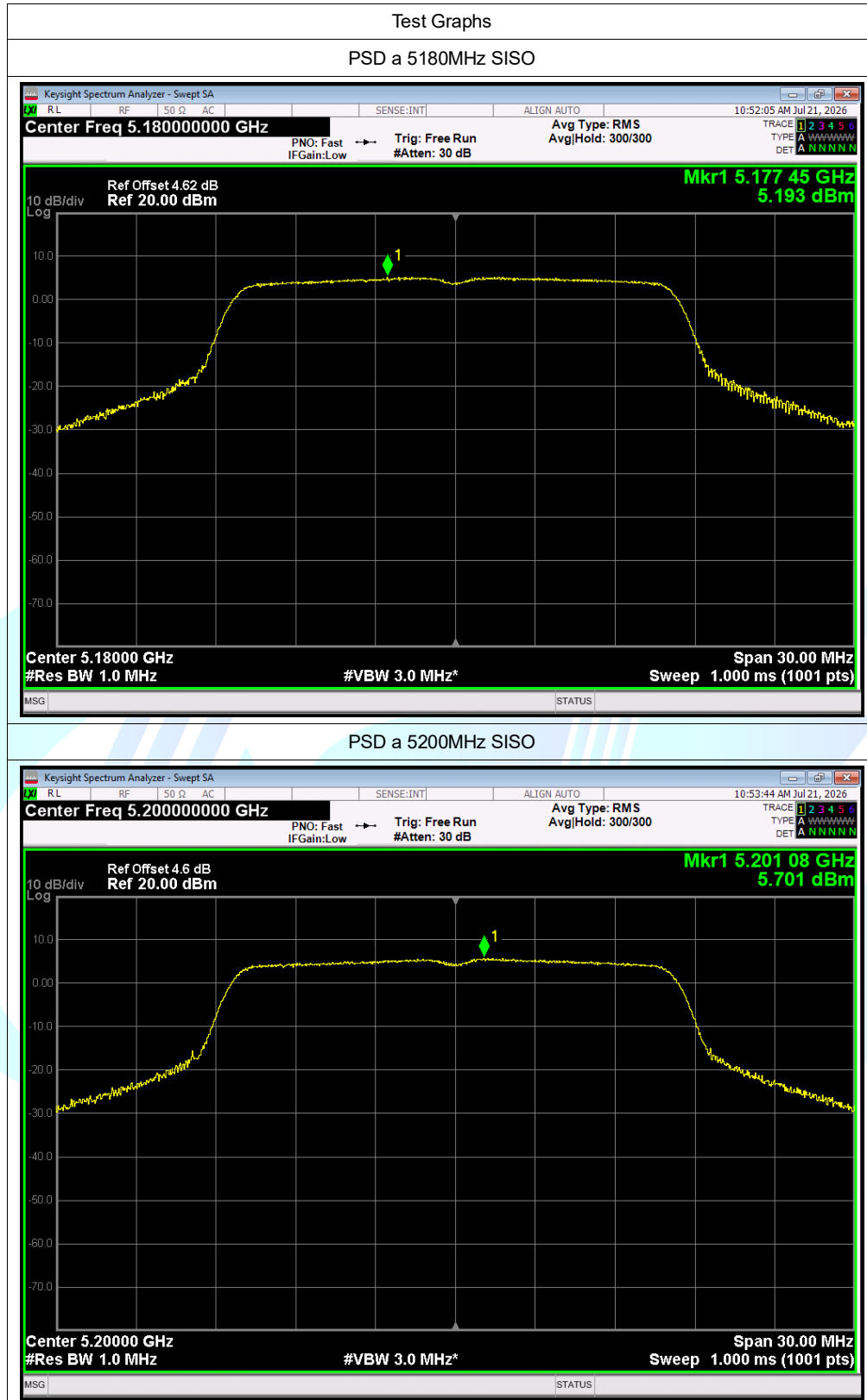


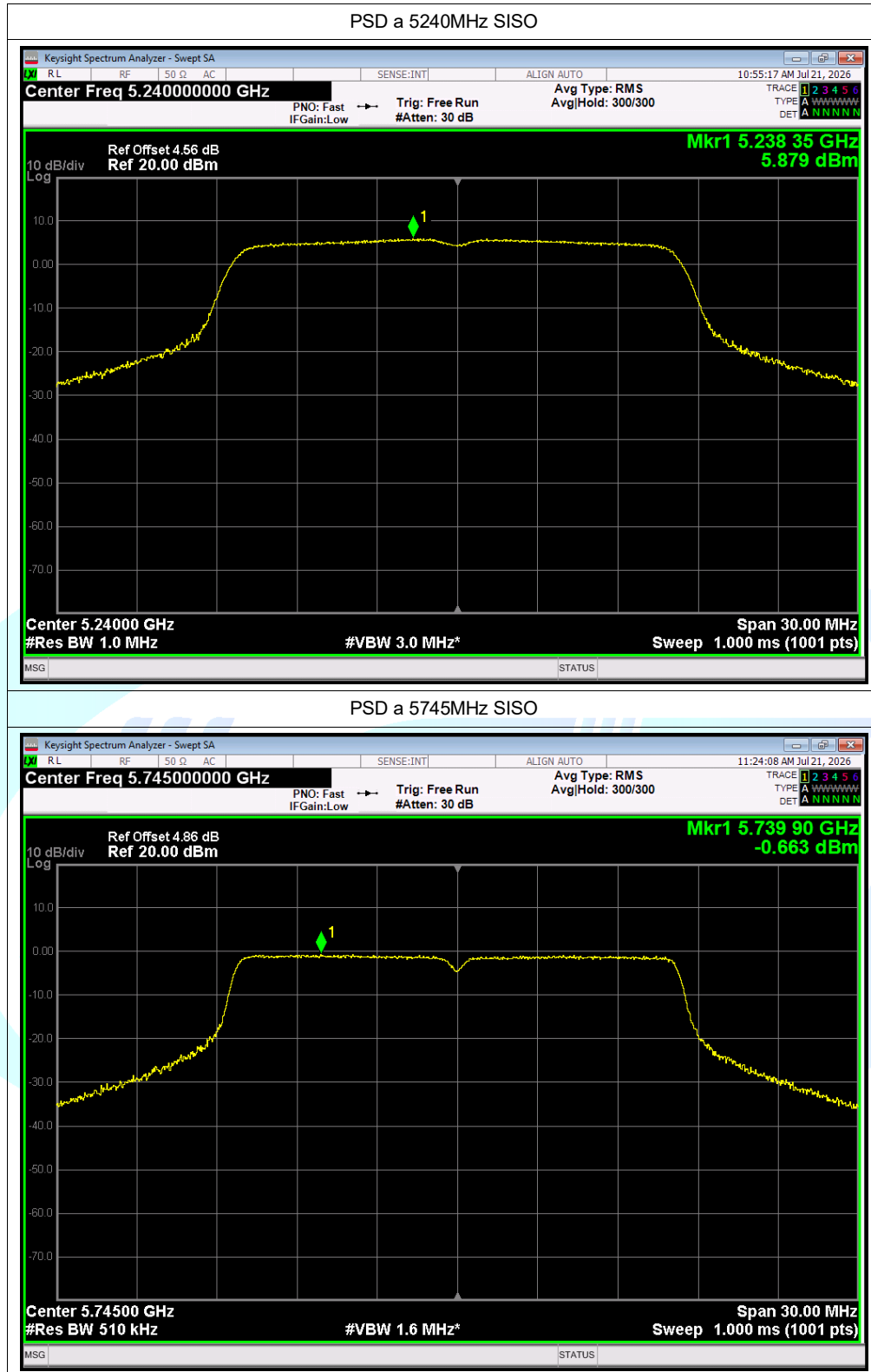


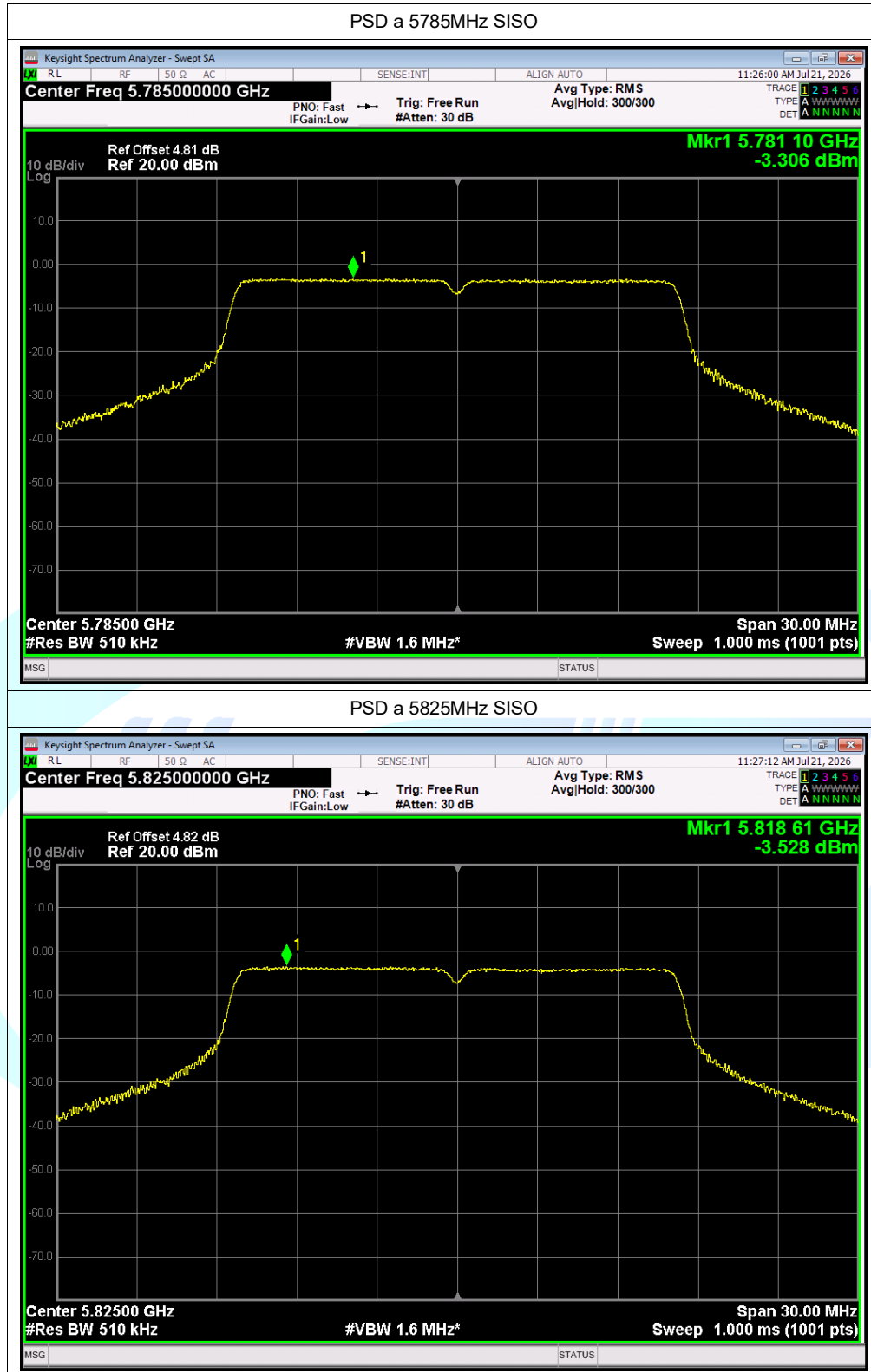
6 Maximum Power Spectral Density Level

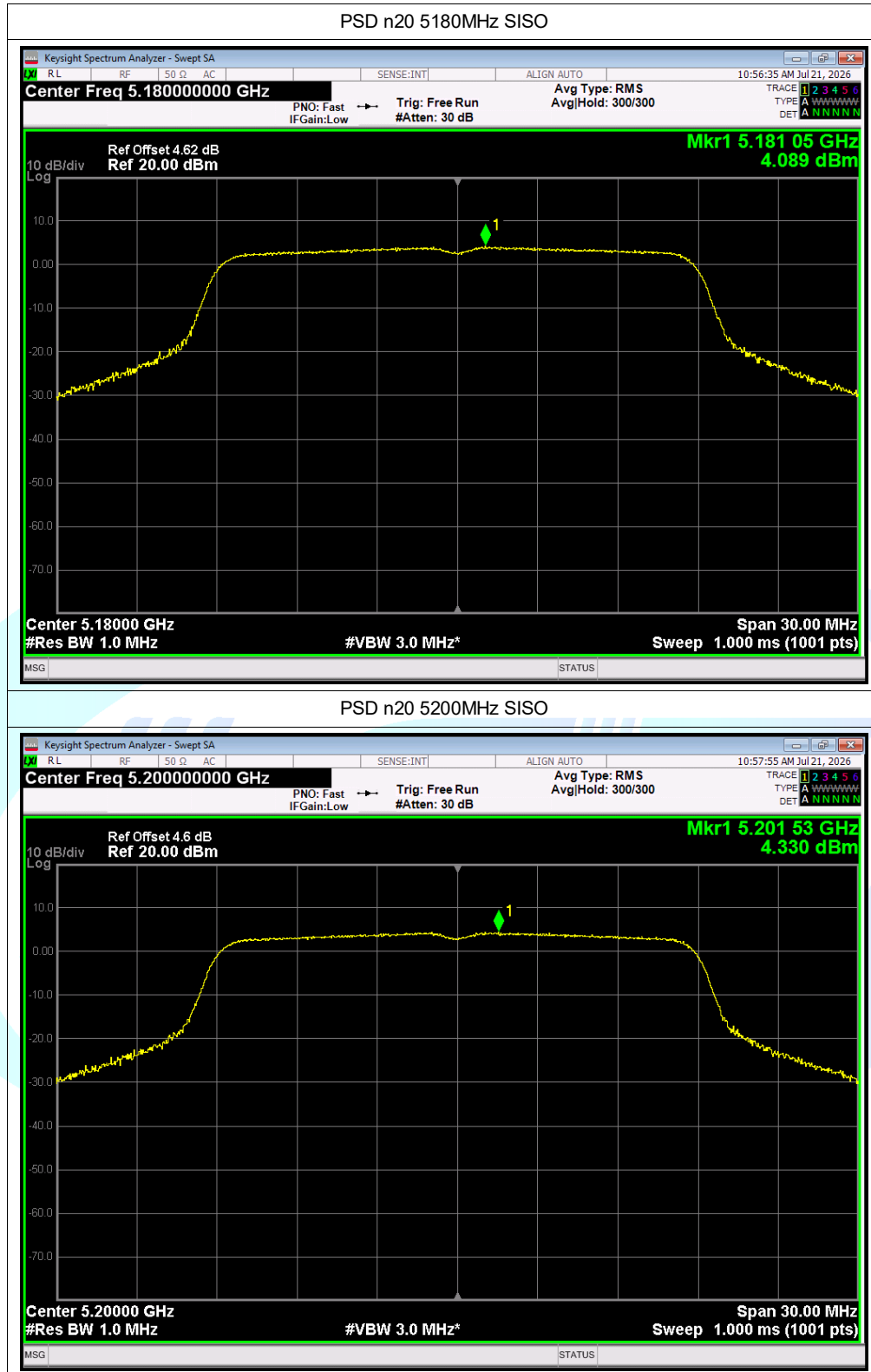
Mode	Frequency (MHz)	Cond. PSD (dBm/MHz)	Duty Factor (dB)	Total Cond. PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
a SISO	5180	5.19	0.44	5.63	11.00	Pass
	5200	5.70	0.42	6.12	11.00	Pass
	5240	5.88	0.53	6.41	11.00	Pass
n20 SISO	5180	4.09	0.03	4.12	11.00	Pass
	5200	4.33	0.09	4.42	11.00	Pass
	5240	4.54	0.18	4.72	11.00	Pass
n40 SISO	5190	1.24	0.10	1.34	11.00	Pass
	5230	1.46	0.11	1.57	11.00	Pass
ac20 SISO	5180	4.05	0.15	4.2	11.00	Pass
	5200	4.27	0.07	4.34	11.00	Pass
	5240	3.67	0.09	3.76	11.00	Pass
ac40 SISO	5190	1.32	0.10	1.42	11.00	Pass
	5230	1.71	0.11	1.82	11.00	Pass
ac80 SISO	5210	-1.82	0.16	-1.66	11.00	Pass

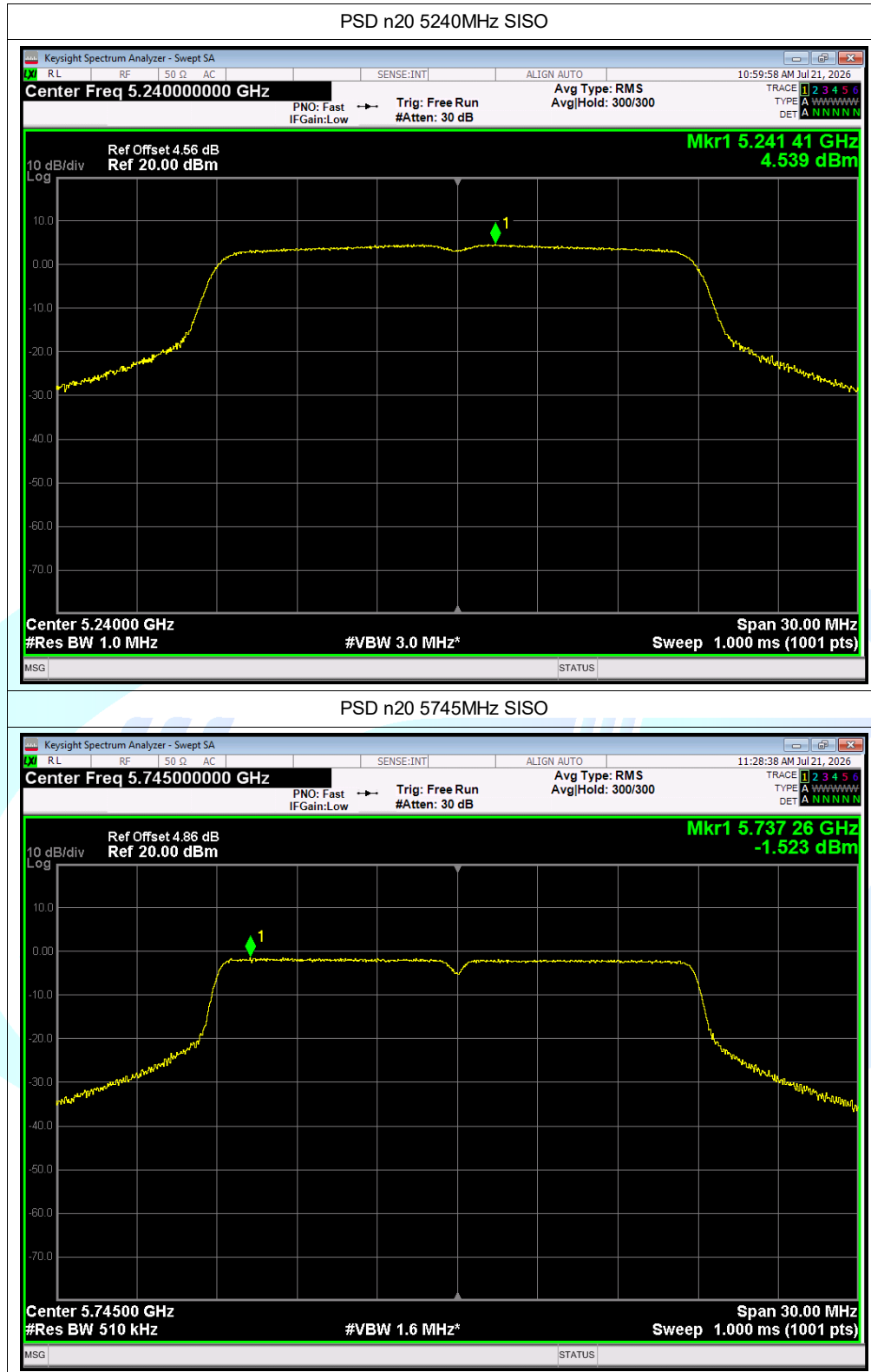
Mode	Frequency (MHz)	Cond. PSD (dBm/500kHz)	Duty Factor (dB)	Total Cond. PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
a SISO	5745	-0.66	0.21	-0.45	30	Pass
	5785	-3.31	0.36	-2.95	30	Pass
	5825	-3.53	0.58	-2.95	30	Pass
n20 SISO	5745	-1.52	0.10	-1.42	30	Pass
	5785	-3.26	0.07	-3.19	30	Pass
	5825	-3.63	0.10	-3.53	30	Pass
n40 SISO	5755	-4.86	0.07	-4.79	30	Pass
	5795	-6.14	0.30	-5.84	30	Pass
ac20 SISO	5745	-1.55	0.06	-1.49	30	Pass
	5785	-2.97	0.26	-2.71	30	Pass
	5825	-3.55	0.10	-3.45	30	Pass
ac40 SISO	5755	-4.54	0.21	-4.33	30	Pass
	5795	-6.01	0.22	-5.79	30	Pass
ac80 SISO	5775	-8.61	0.38	-8.23	30	Pass

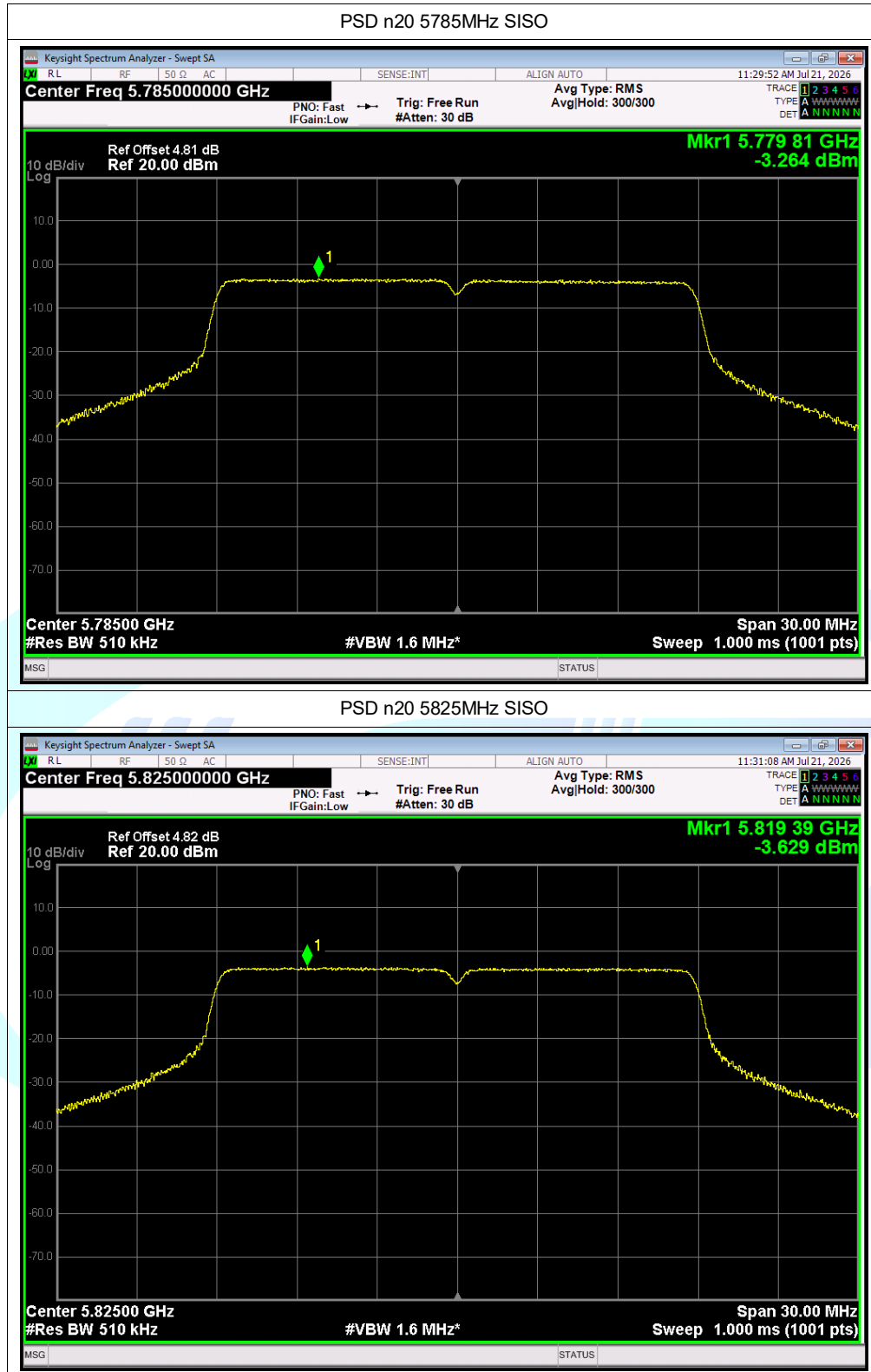


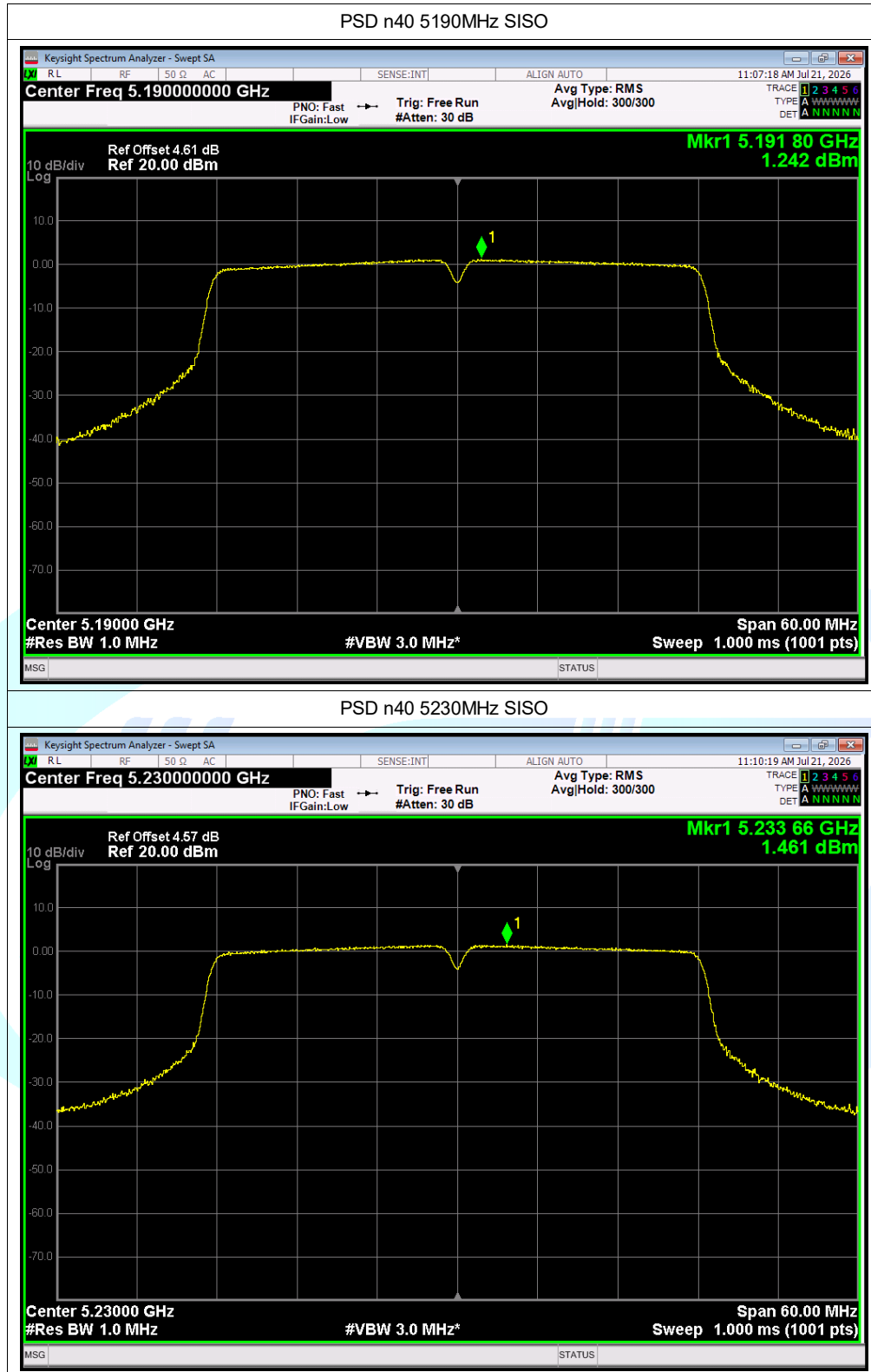


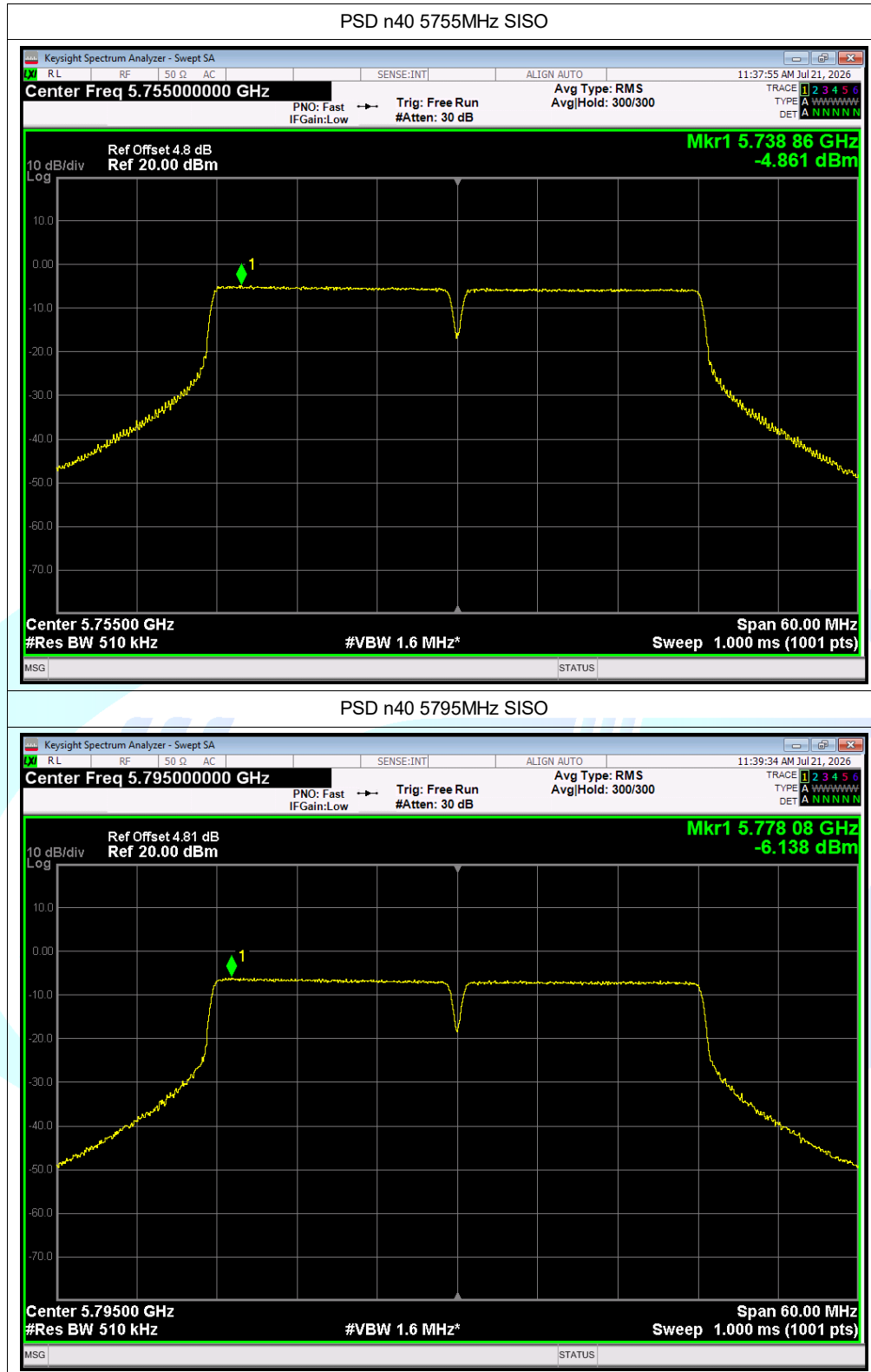


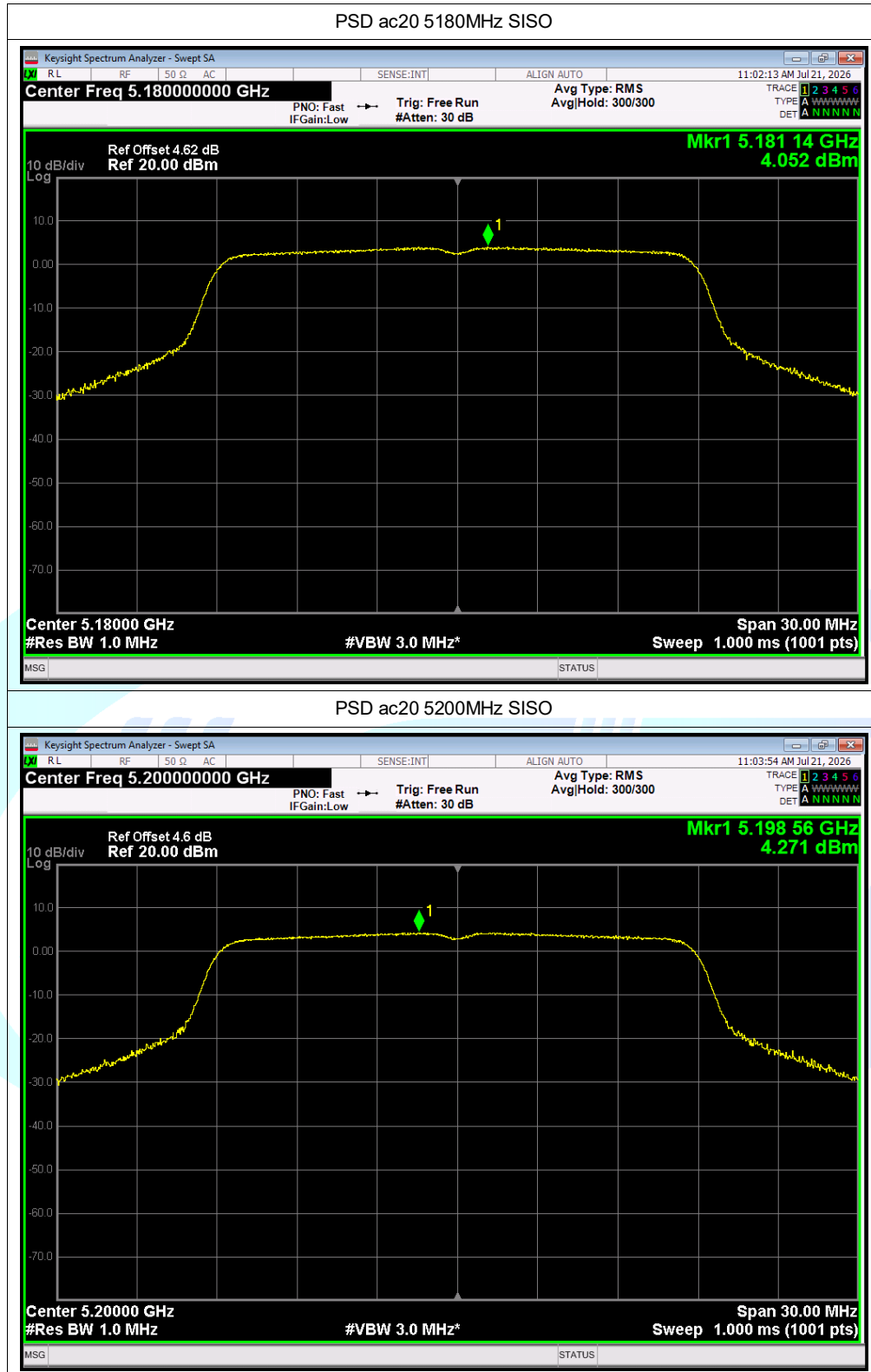


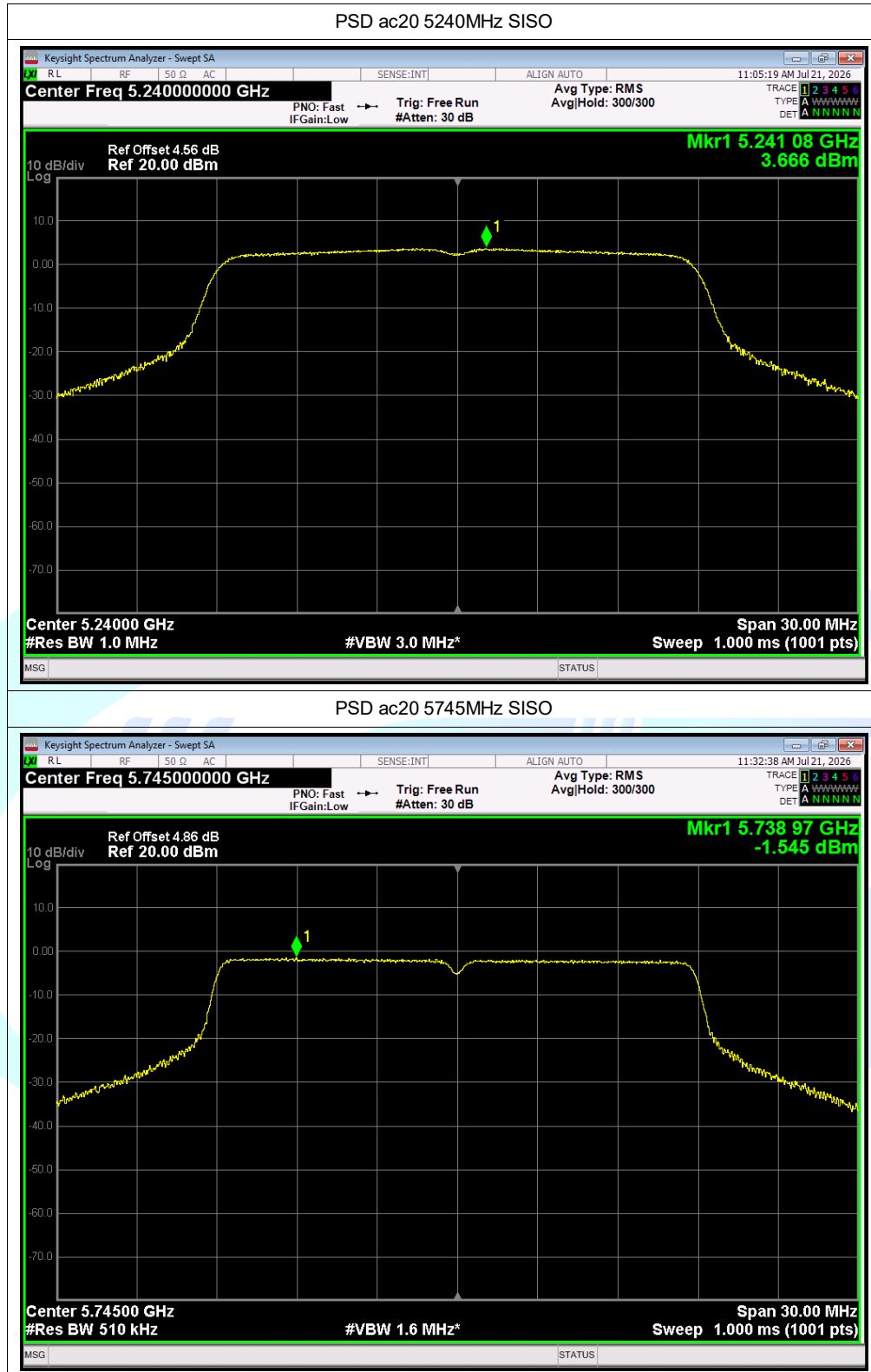


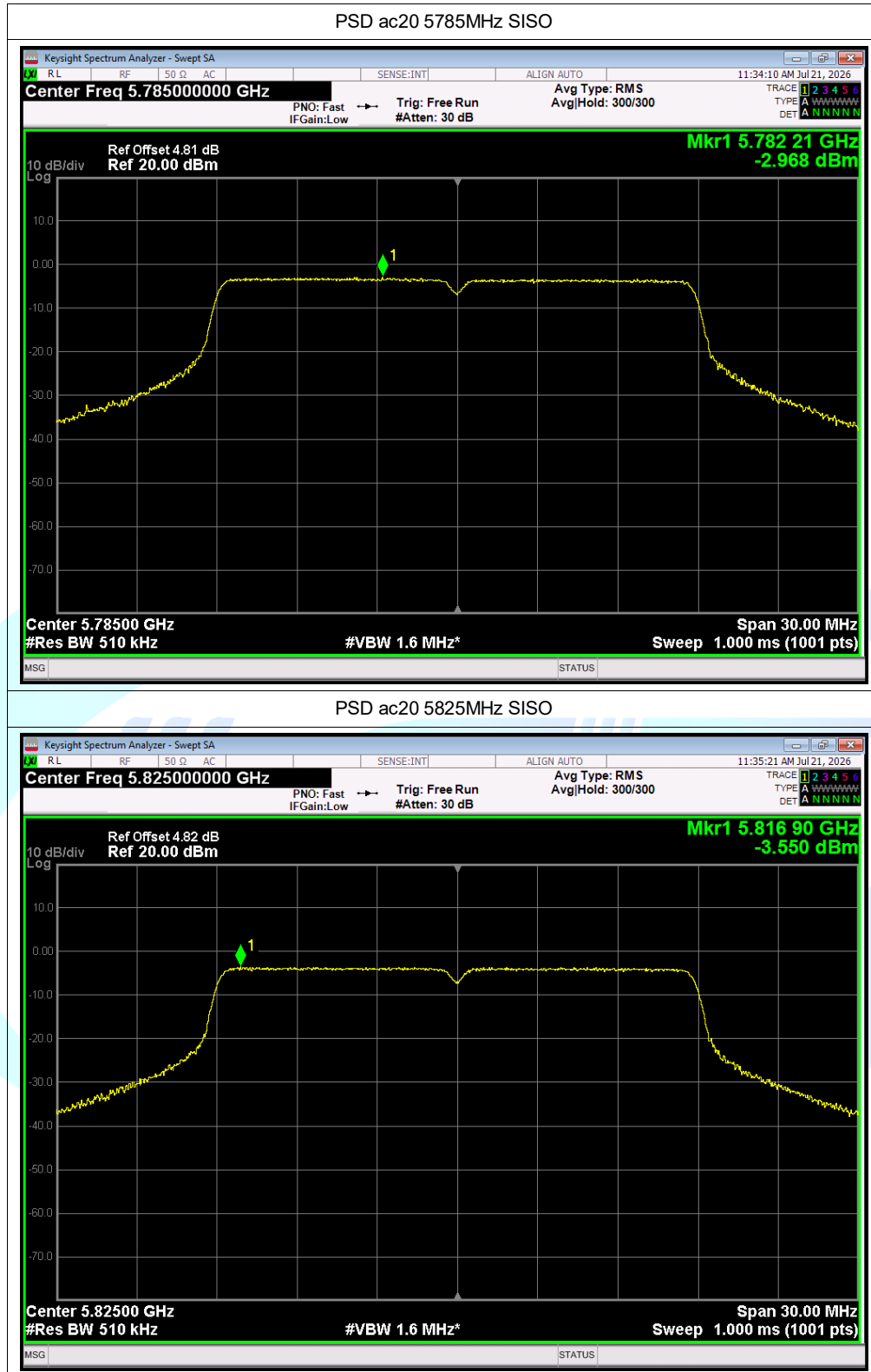


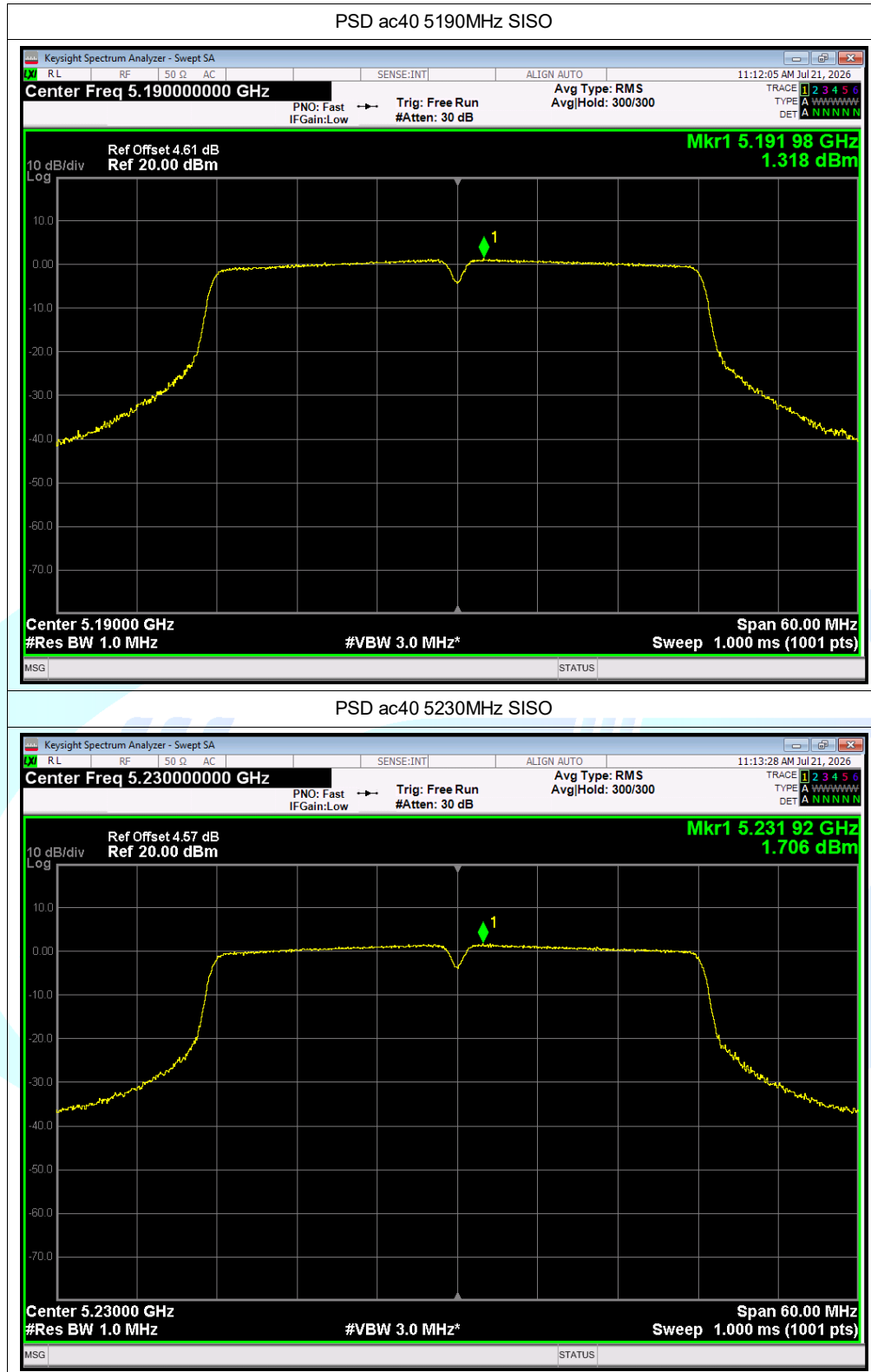


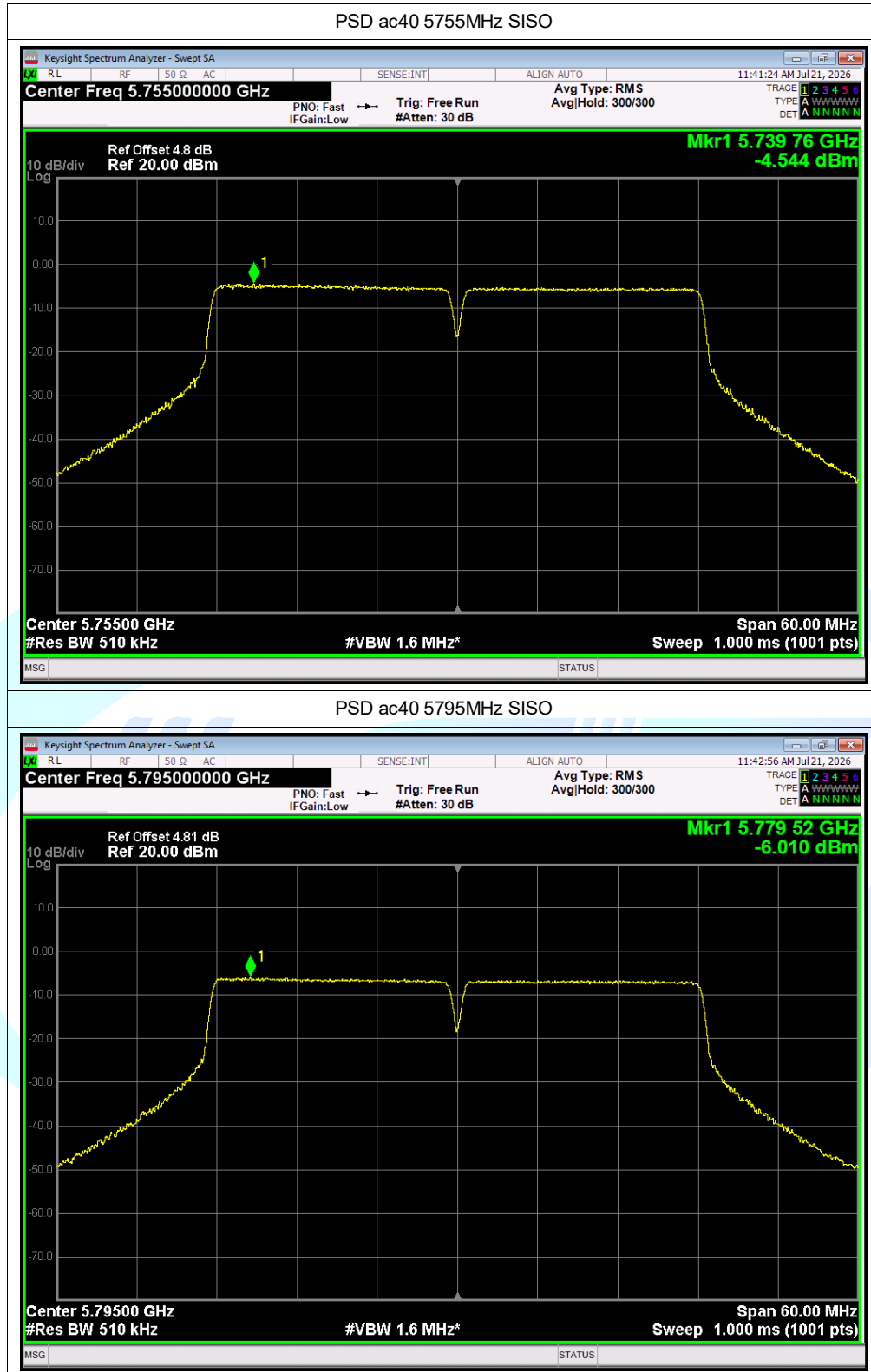


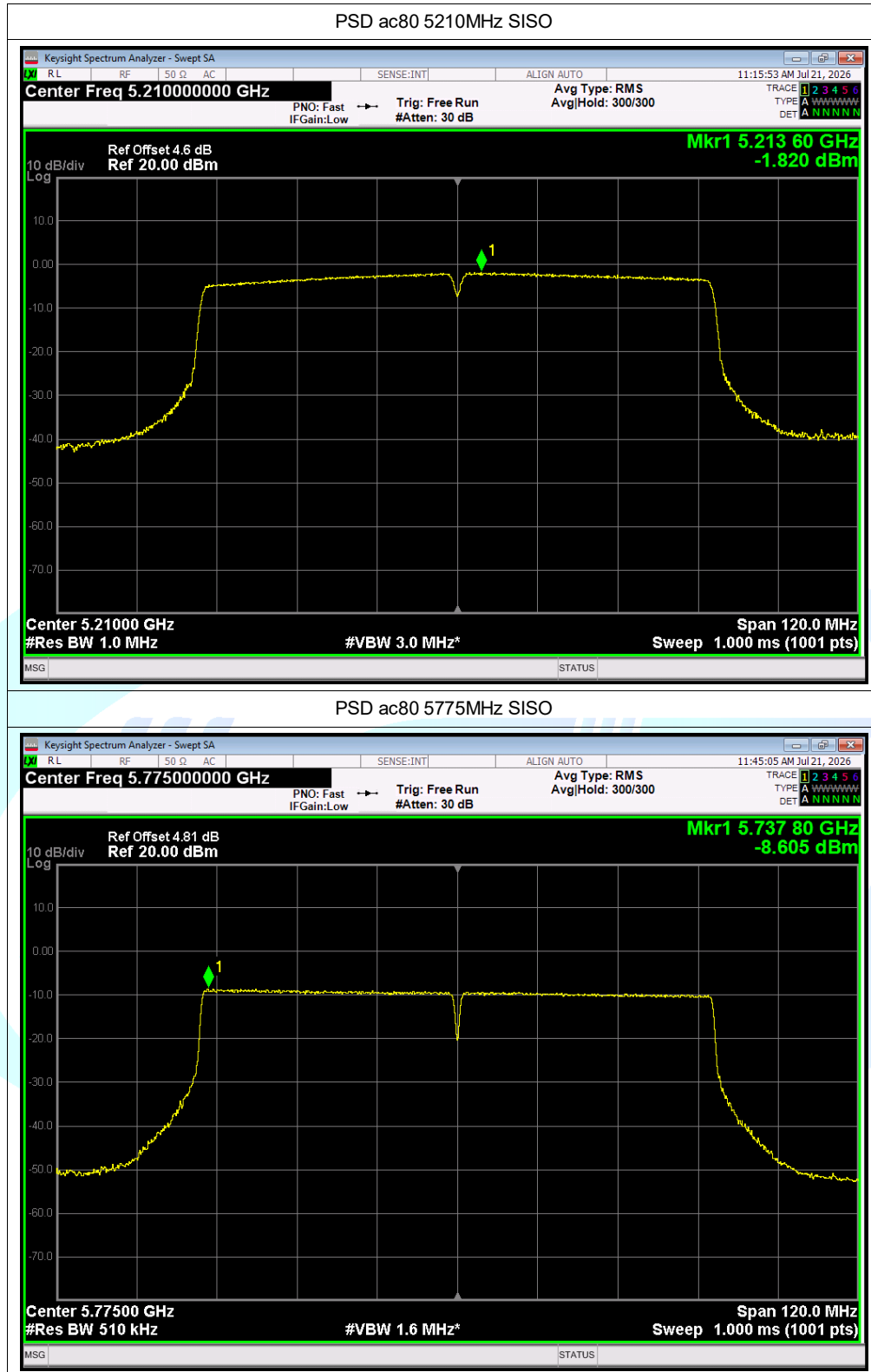












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