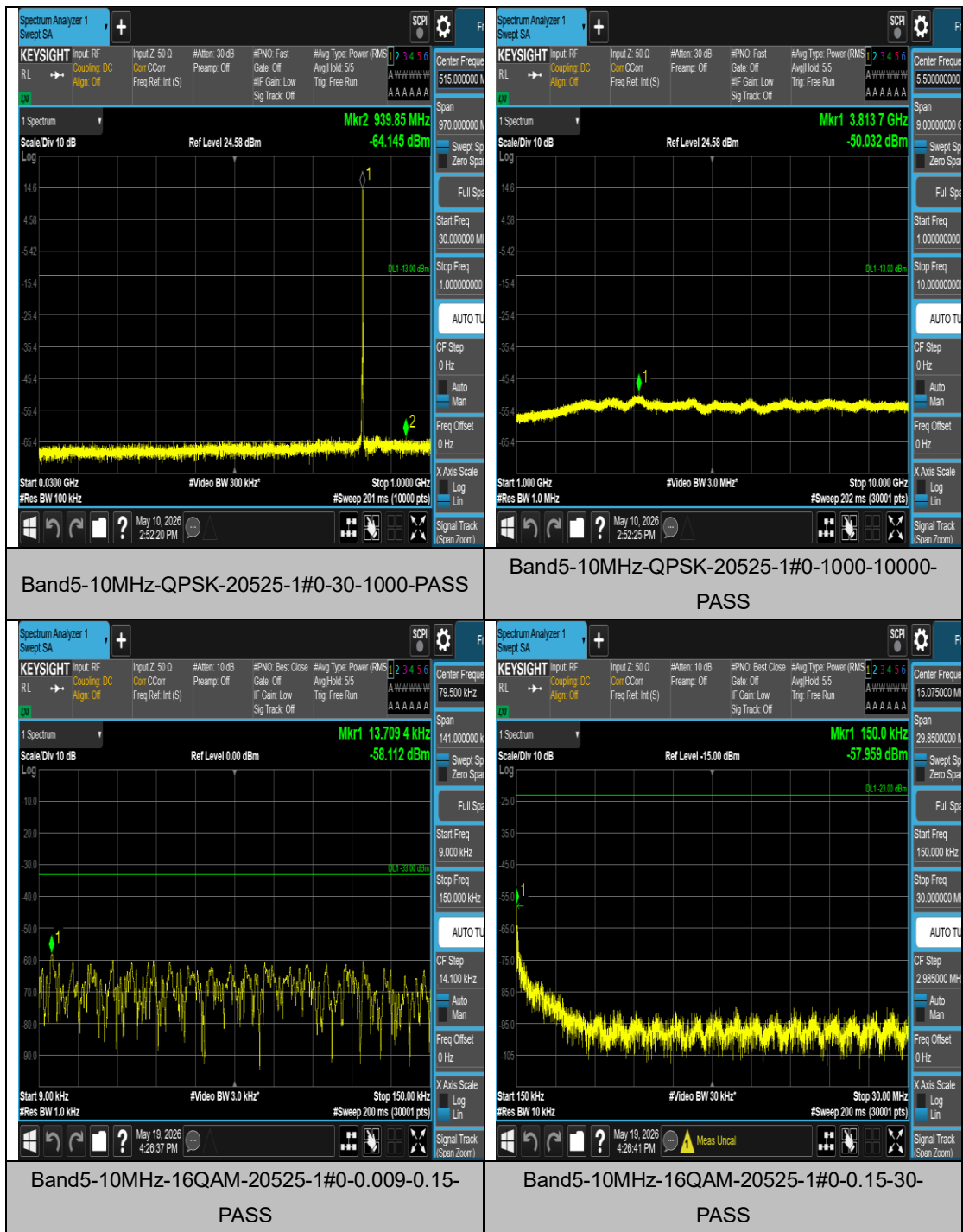
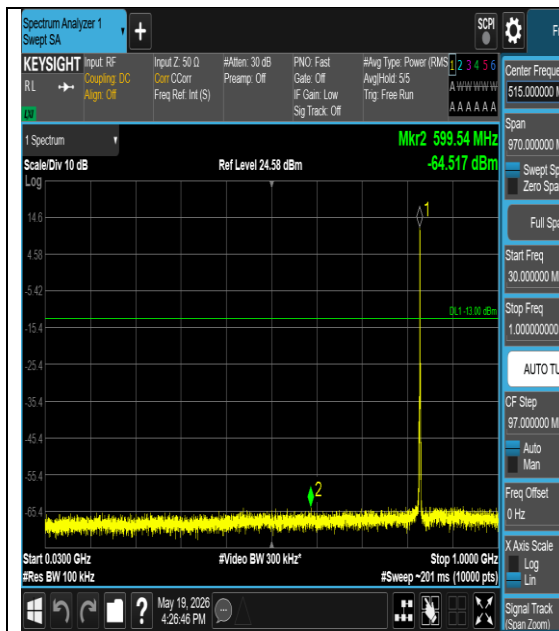
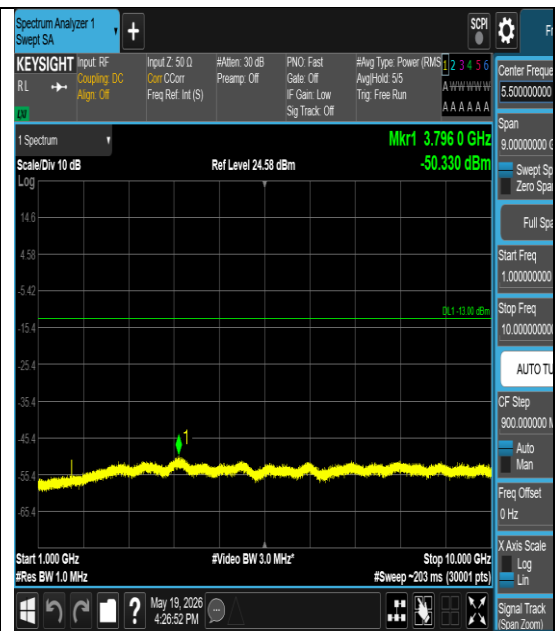


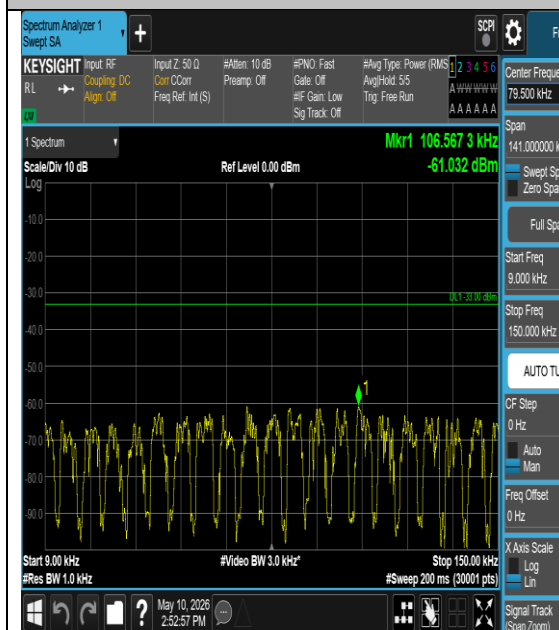




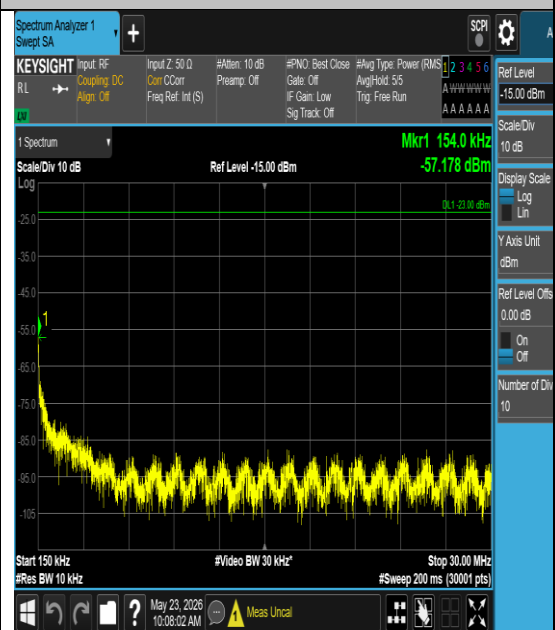
Band5-10MHz-16QAM-20525-1#0-30-1000-
PASS



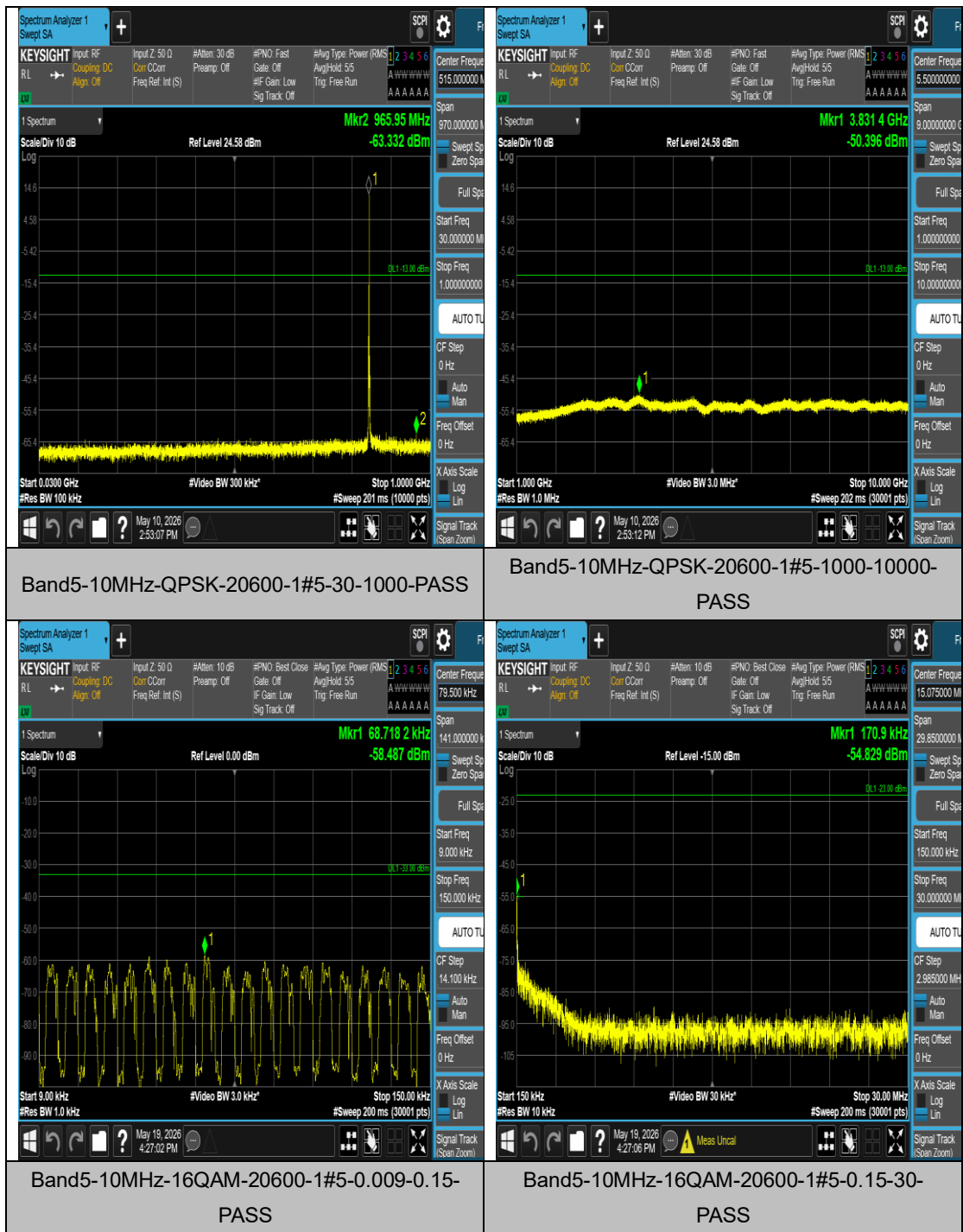
Band5-10MHz-16QAM-20525-1#0-1000-10000-
PASS

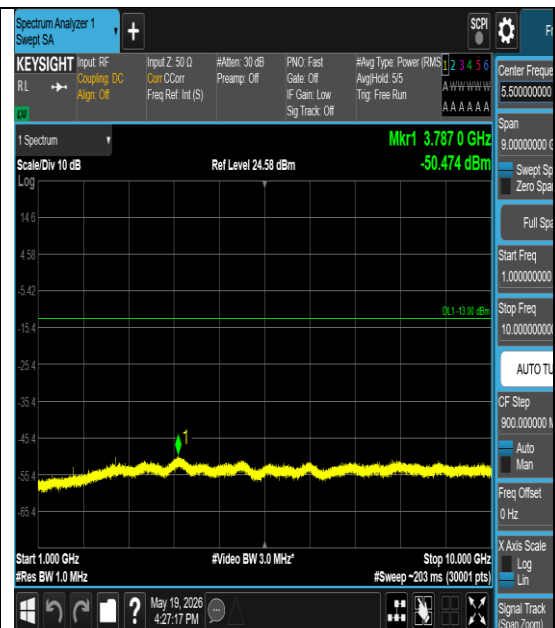
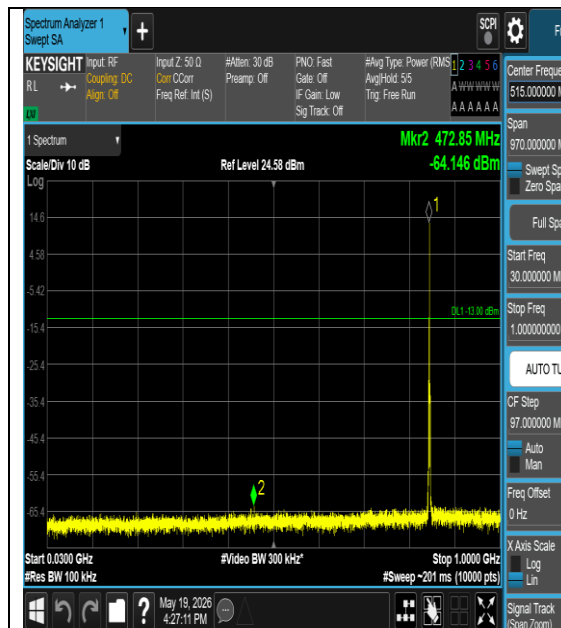


Band5-10MHz-QPSK-20600-1#5-0.009-0.15-
PASS



Band5-10MHz-QPSK-20600-1#5-0.15-30-PASS





Appendix F: Frequency Stability for M1

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 5	1.4M Hz	16QAM	20407	5	0	Low	VL	NT	0.80	0.000970	±2.5	PASS
Band 5	1.4M Hz	16QAM	20407	5	0	Low	VN	NT	-0.30	-0.000364	±2.5	PASS
Band 5	1.4M Hz	16QAM	20407	5	0	Low	VH	NT	-1.50	-0.001819	±2.5	PASS
Band 5	1.4M Hz	16QAM	20525	5	0	Low	VL	NT	-9.40	-0.011237	±2.5	PASS
Band 5	1.4M Hz	16QAM	20525	5	0	Low	VN	NT	-10.80	-0.012911	±2.5	PASS
Band 5	1.4M Hz	16QAM	20525	5	0	Low	VH	NT	-9.40	-0.011237	±2.5	PASS
Band 5	1.4M Hz	16QAM	20643	5	1	High	VL	NT	-8.10	-0.009549	±2.5	PASS
Band 5	1.4M Hz	16QAM	20643	5	1	High	VN	NT	-7.90	-0.009313	±2.5	PASS
Band 5	1.4M Hz	16QAM	20643	5	1	High	VH	NT	-8.60	-0.010138	±2.5	PASS
Band 5	3MHz	16QAM	20415	5	0	Low	VL	NT	-6.50	-0.007874	±2.5	PASS
Band 5	3MHz	16QAM	20415	5	0	Low	VN	NT	-6.20	-0.007511	±2.5	PASS
Band 5	3MHz	16QAM	20415	5	0	Low	VH	NT	-6.40	-0.007753	±2.5	PASS

Band 5	3MHz	16QA M	205 25	5	0	Low	VL	NT	-7.10	- 0.00 8488	±2. 5	PA SS
Band 5	3MHz	16QA M	205 25	5	0	Low	VN	NT	-8.10	- 0.00 9683	±2. 5	PA SS
Band 5	3MHz	16QA M	205 25	5	0	Low	VH	NT	-6.90	- 0.00 8249	±2. 5	PA SS
Band 5	3MHz	16QA M	206 35	5	1	High	VL	NT	-7.10	- 0.00 8378	±2. 5	PA SS
Band 5	3MHz	16QA M	206 35	5	1	High	VN	NT	-6.80	- 0.00 8024	±2. 5	PA SS
Band 5	3MHz	16QA M	206 35	5	1	High	VH	NT	-6.80	- 0.00 8024	±2. 5	PA SS
Band 5	5MHz	16QA M	204 25	5	0	Low	VL	NT	- 10.2 0	- 0.01 2341	±2. 5	PA SS
Band 5	5MHz	16QA M	204 25	5	0	Low	VN	NT	- 10.6 0	- 0.01 2825	±2. 5	PA SS
Band 5	5MHz	16QA M	204 25	5	0	Low	VH	NT	-9.00	- 0.01 0889	±2. 5	PA SS
Band 5	5MHz	16QA M	205 25	5	0	Low	VL	NT	-7.90	- 0.00 9444	±2. 5	PA SS
Band 5	5MHz	16QA M	205 25	5	0	Low	VN	NT	-9.70	- 0.011 596	±2. 5	PA SS
Band 5	5MHz	16QA M	205 25	5	0	Low	VH	NT	-9.10	- 0.01 0879	±2. 5	PA SS
Band 5	5MHz	16QA M	206 25	5	1	High	VL	NT	- 11.2 0	- 0.01 3231	±2. 5	PA SS
Band 5	5MHz	16QA M	206 25	5	1	High	VN	NT	- 10.8 0	- 0.01 2758	±2. 5	PA SS
Band	5MHz	16QA	206	5	1	High	VH	NT	-	-	±2.	PA

5		M	25						13.10	0.015475	5	SS
Band 5	10MHz	16QAM	20450	5	0	Low	VL	NT	-7.10	-0.008565	±2.5	PASS
Band 5	10MHz	16QAM	20450	5	0	Low	VN	NT	-9.60	-0.011580	±2.5	PASS
Band 5	10MHz	16QAM	20450	5	0	Low	VH	NT	-6.10	-0.007358	±2.5	PASS
Band 5	10MHz	16QAM	20525	5	0	Low	VL	NT	-7.00	-0.008368	±2.5	PASS
Band 5	10MHz	16QAM	20525	5	0	Low	VN	NT	-6.40	-0.007651	±2.5	PASS
Band 5	10MHz	16QAM	20525	5	0	Low	VH	NT	-6.20	-0.007412	±2.5	PASS
Band 5	10MHz	16QAM	20600	5	1	High	VL	NT	-7.20	-0.008531	±2.5	PASS
Band 5	10MHz	16QAM	20600	5	1	High	VN	NT	-7.20	-0.008531	±2.5	PASS
Band 5	10MHz	16QAM	20600	5	1	High	VH	NT	-7.00	-0.008294	±2.5	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 5	1.4MHz	16QAM	20407	5	0	Low	NV	-30	0.30	0.000364	±2.5	PASS
Band 5	1.4MHz	16QAM	20407	5	0	Low	NV	-20	-1.20	-0.001455	±2.5	PASS
Band 5	1.4MHz	16QAM	20407	5	0	Low	NV	-10	-1.80	-0.002183	±2.5	PASS
Band 5	1.4MHz	16QAM	20407	5	0	Low	NV	0	-0.70	-0.000	±2.5	PASS

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Ban d5	1.4MH z	16QA M	2040 7	5	0	Lo w	NV	10	-1.70	- 0.002 061	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2040 7	5	0	Lo w	NV	20	-0.60	- 0.000 728	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2040 7	5	0	Lo w	NV	30	-1.60	- 0.001 940	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2040 7	5	0	Lo w	NV	40	-0.70	- 0.000 849	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2040 7	5	0	Lo w	NV	50	-0.20	- 0.000 243	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	-30	-9.40	- 0.011 237	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	-20	-9.20	- 0.010 998	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	-10	- 10.10	- 0.012 074	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	0	-9.50	- 0.011 357	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	10	- 10.50	- 0.012 552	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	20	-9.00	- 0.010 759	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	30	- 10.30	- 0.012 313	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	40	- 10.20	- 0.012 194	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2052 5	5	0	Lo w	NV	50	-9.40	- 0.011 237	±2. 5	PAS S

Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	-30	-8.50	- 0.010 020	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	-20	-7.60	- 0.008 959	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	-10	-8.80	- 0.010 374	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	0	-8.50	- 0.010 020	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	10	-8.40	- 0.009 902	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	20	-8.80	- 0.010 374	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	30	-8.00	- 0.009 431	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	40	-9.40	- 0.011 081	±2. 5	PAS S
Ban d5	1.4MH z	16QA M	2064 3	5	1	Hig h	NV	50	-8.20	- 0.009 666	±2. 5	PAS S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	-30	-6.10	- 0.007 389	±2. 5	PAS S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	-20	-6.20	- 0.007 511	±2. 5	PAS S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	-10	-5.40	- 0.006 541	±2. 5	PAS S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	0	-6.50	- 0.007 874	±2. 5	PAS S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	10	-5.70	- 0.006 905	±2. 5	PAS S
Ban	3MHz	16QA	2041	5	0	Lo	NV	20	-5.50	-	±2.	PAS

d5		M	5			w				0.006 663	5	S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	30	-5.00	- 0.006 057	±2. 5	PAS S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	40	-6.30	- 0.007 632	±2. 5	PAS S
Ban d5	3MHz	16QA M	2041 5	5	0	Lo w	NV	50	-6.30	- 0.007 632	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	-30	-6.70	- 0.008 010	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	-20	-6.40	- 0.007 651	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	-10	-7.20	- 0.008 607	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	0	-7.30	- 0.008 727	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	10	-8.70	- 0.010 400	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	20	-7.00	- 0.008 368	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	30	-8.00	- 0.009 564	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	40	-7.40	- 0.008 846	±2. 5	PAS S
Ban d5	3MHz	16QA M	2052 5	5	0	Lo w	NV	50	-7.70	- 0.009 205	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	-30	-7.60	- 0.008 968	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	-20	-5.10	- 0.006	±2. 5	PAS S

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Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	-10	-7.10	- 0.008 378	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	0	-6.30	- 0.007 434	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	10	-6.10	- 0.007 198	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	20	-5.90	- 0.006 962	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	30	-6.10	- 0.007 198	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	40	-6.20	- 0.007 316	±2. 5	PAS S
Ban d5	3MHz	16QA M	2063 5	5	1	Hig h	NV	50	-5.30	- 0.006 254	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	-30	-9.90	- 0.011 978	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	-20	- 10.40	- 0.012 583	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	-10	- 10.00	- 0.012 099	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	0	-9.50	- 0.011 494	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	10	-9.70	- 0.011 736	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	20	-9.30	- 0.011 252	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	30	- 10.00	- 0.012 099	±2. 5	PAS S

Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	40	- 10.50	- 0.012 704	±2. 5	PAS S
Ban d5	5MHz	16QA M	2042 5	5	0	Lo w	NV	50	-8.70	- 0.010 526	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	-30	-8.60	- 0.010 281	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	-20	-8.20	- 0.009 803	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	-10	-9.50	- 0.011 357	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	0	-8.40	- 0.010 042	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	10	-9.10	- 0.010 879	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	20	-8.90	- 0.010 640	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	30	-9.10	- 0.010 879	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	40	-8.70	- 0.010 400	±2. 5	PAS S
Ban d5	5MHz	16QA M	2052 5	5	0	Lo w	NV	50	-9.00	- 0.010 759	±2. 5	PAS S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	-30	- 12.50	- 0.014 767	±2. 5	PAS S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	-20	- 12.40	- 0.014 649	±2. 5	PAS S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	-10	-11.40	- 0.013 467	±2. 5	PAS S
Ban	5MHz	16QA	2062	5	1	Hig	NV	0	-11.40	-	±2.	PAS

d5		M	5			h				0.013 467	5	S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	10	-11.20	- 0.013 231	±2. 5	PAS S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	20	- 12.50	- 0.014 767	±2. 5	PAS S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	30	-11.30	- 0.013 349	±2. 5	PAS S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	40	-11.50	- 0.013 585	±2. 5	PAS S
Ban d5	5MHz	16QA M	2062 5	5	1	Hig h	NV	50	- 12.10	- 0.014 294	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	-30	-7.50	- 0.009 047	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	-20	-6.60	- 0.007 961	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	-10	-4.90	- 0.005 911	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	0	-5.70	- 0.006 876	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	10	-7.20	- 0.008 685	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	20	-6.50	- 0.007 841	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	30	-6.40	- 0.007 720	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	40	-6.70	- 0.008 082	±2. 5	PAS S
Ban d5	10MH z	16QA M	2045 0	5	0	Lo w	NV	50	-6.80	- 0.008	±2. 5	PAS S

										203		
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	-30	-5.20	- 0.006 216	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	-20	-6.10	- 0.007 292	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	-10	-5.90	- 0.007 053	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	0	-6.70	- 0.008 010	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	10	-5.10	- 0.006 097	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	20	-5.60	- 0.006 695	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	30	-4.10	- 0.004 901	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	40	-5.20	- 0.006 216	±2. 5	PAS S
Ban d5	10MH z	16QA M	2052 5	5	0	Lo w	NV	50	-5.40	- 0.006 455	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	-30	-5.60	- 0.006 635	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	-20	-7.60	- 0.009 005	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	-10	-7.50	- 0.008 886	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	0	-7.60	- 0.009 005	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	10	-7.70	- 0.009 123	±2. 5	PAS S

Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	20	-6.80	- 0.008 057	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	30	-7.50	- 0.008 886	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	40	-7.50	- 0.008 886	±2. 5	PAS S
Ban d5	10MH z	16QA M	2060 0	5	1	Hig h	NV	50	-7.20	- 0.008 531	±2. 5	PAS S