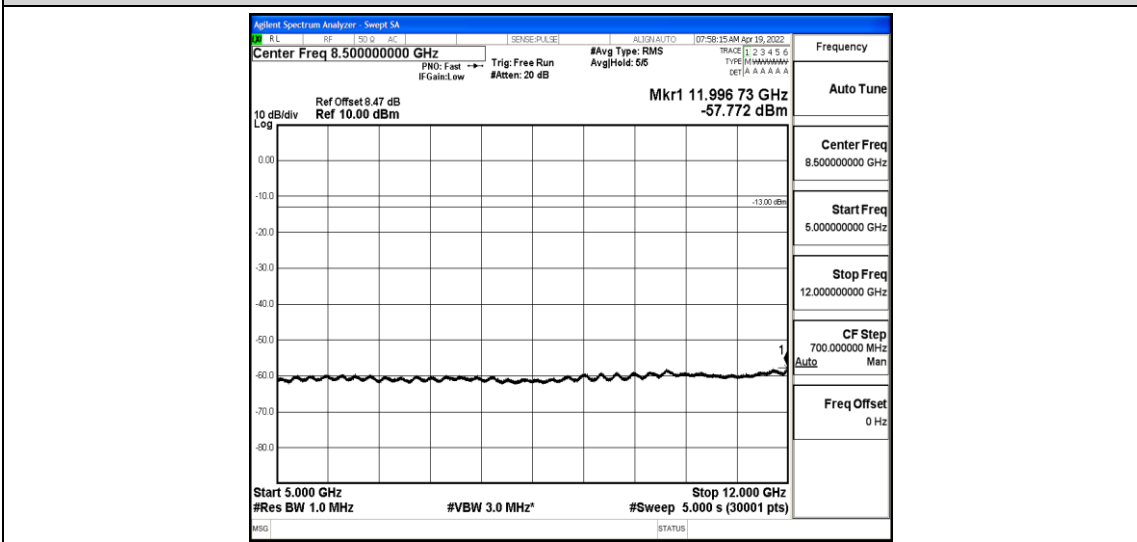
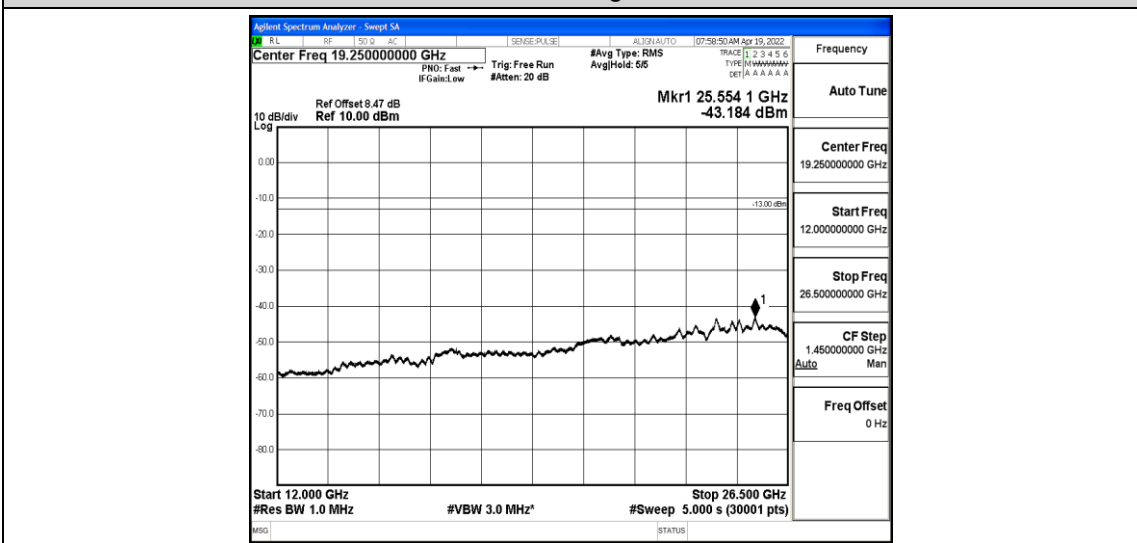


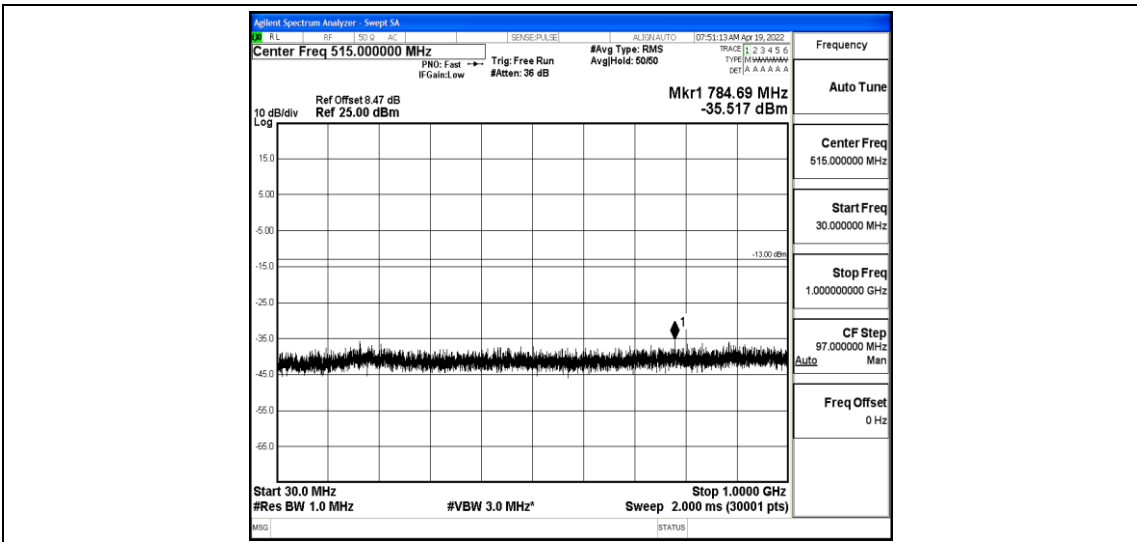
Band4-10MHz-QPSK-20350-1-0-High-1000-5000--39.69-PASS



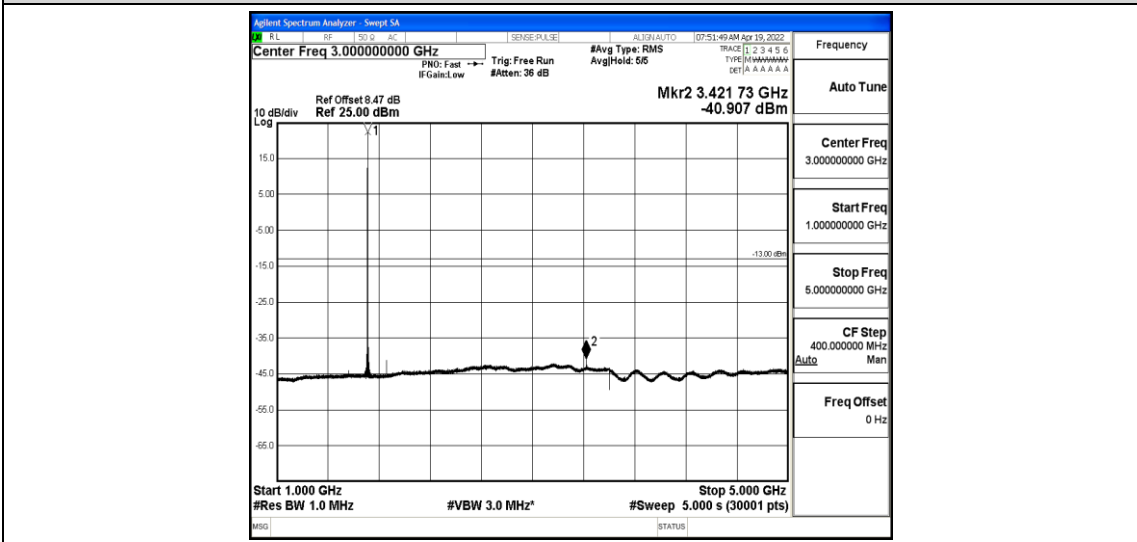
Band4-10MHz-QPSK-20350-1-0-High-5000-12000--57.77-PASS



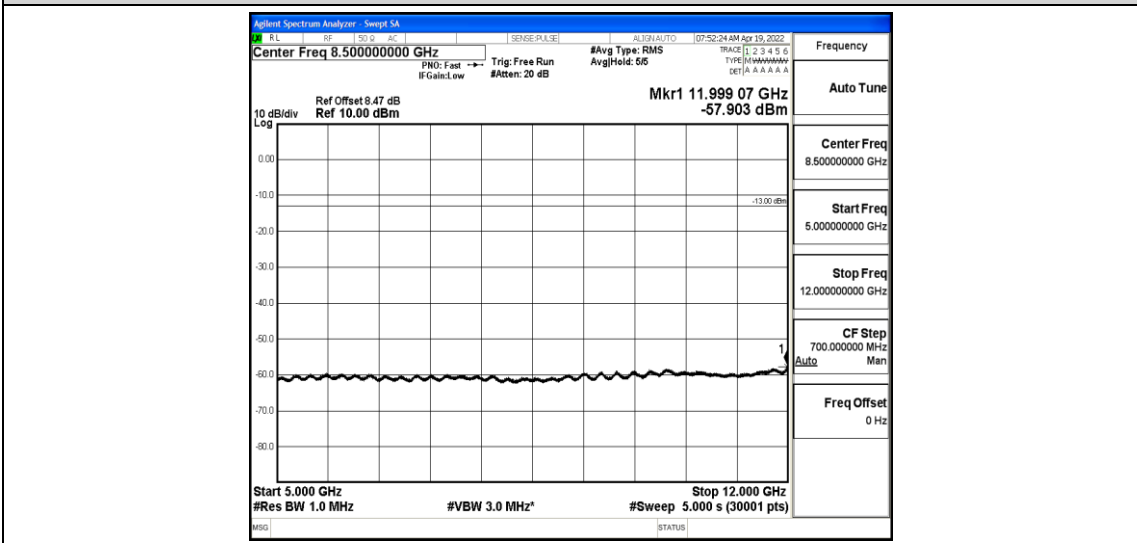
Band4-10MHz-QPSK-20350-1-0-High-12000-26500--43.18-PASS



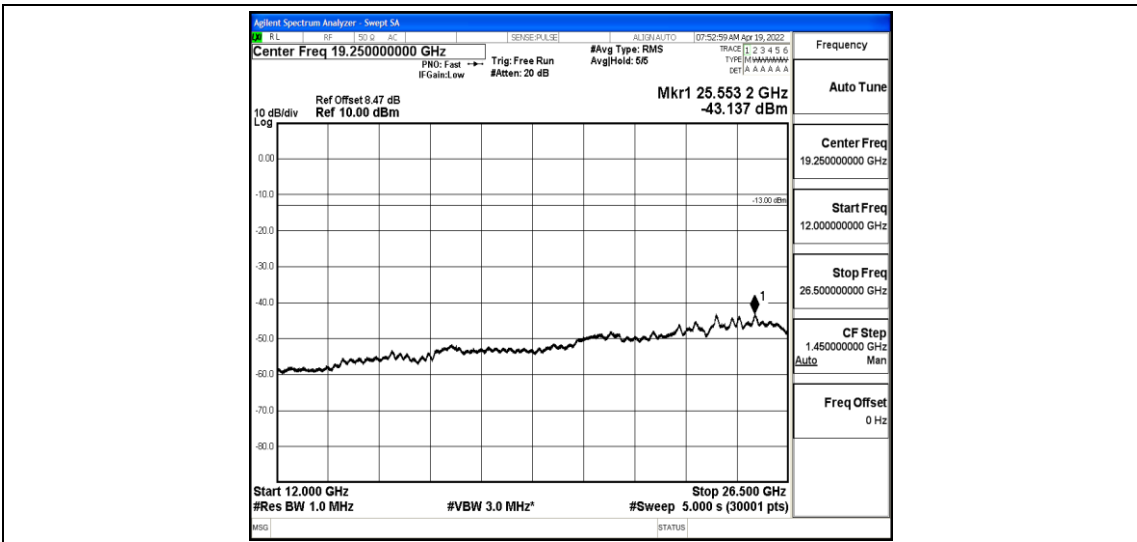
Band4-10MHz-16QAM-20000-1-0-Low-30-1000--35.52-PASS



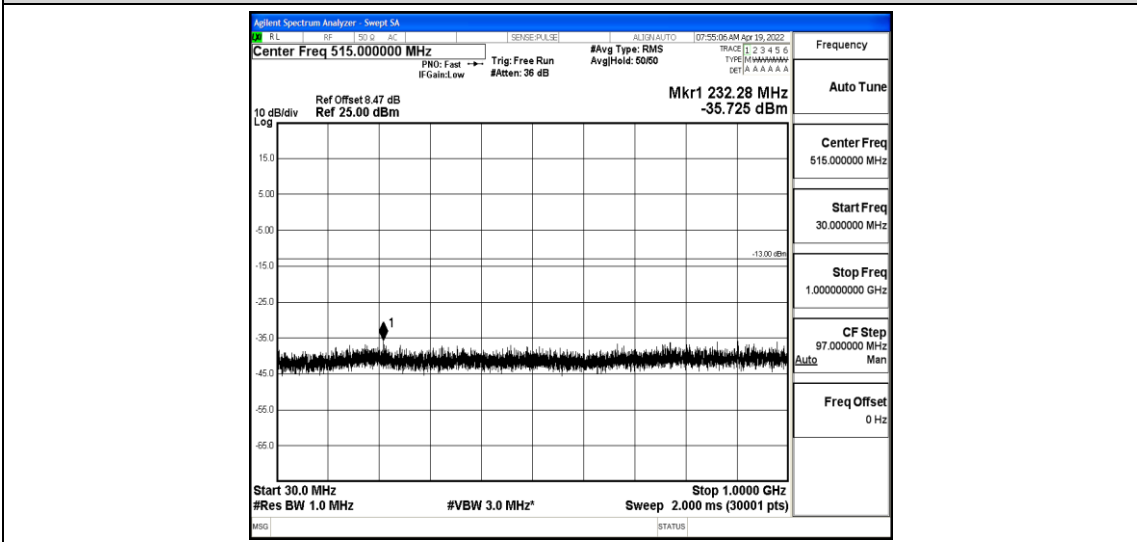
Band4-10MHz-16QAM-20000-1-0-Low-1000-5000--40.91-PASS



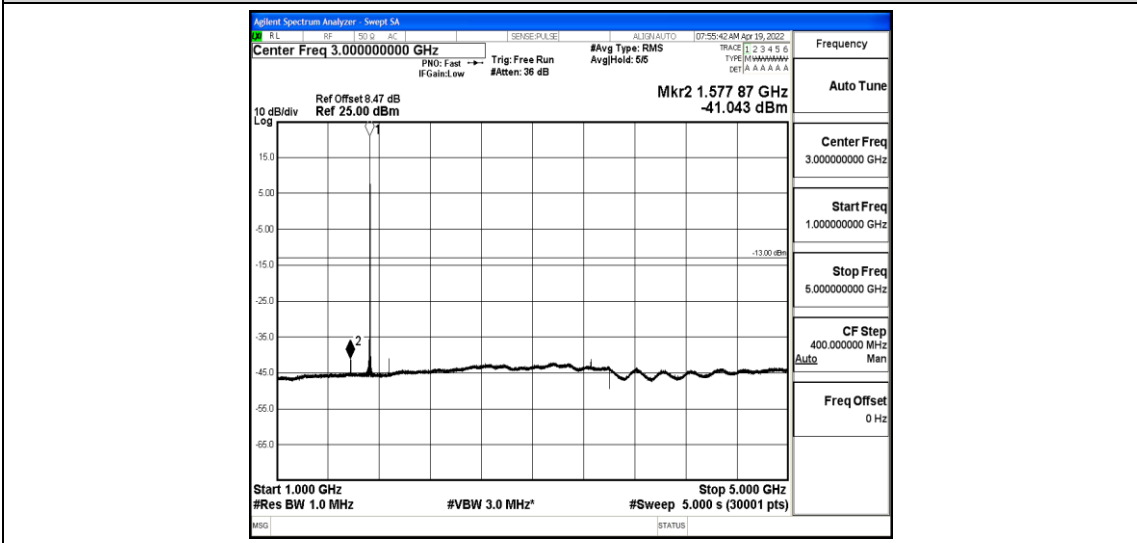
Band4-10MHz-16QAM-20000-1-0-Low-5000-12000--57.9-PASS



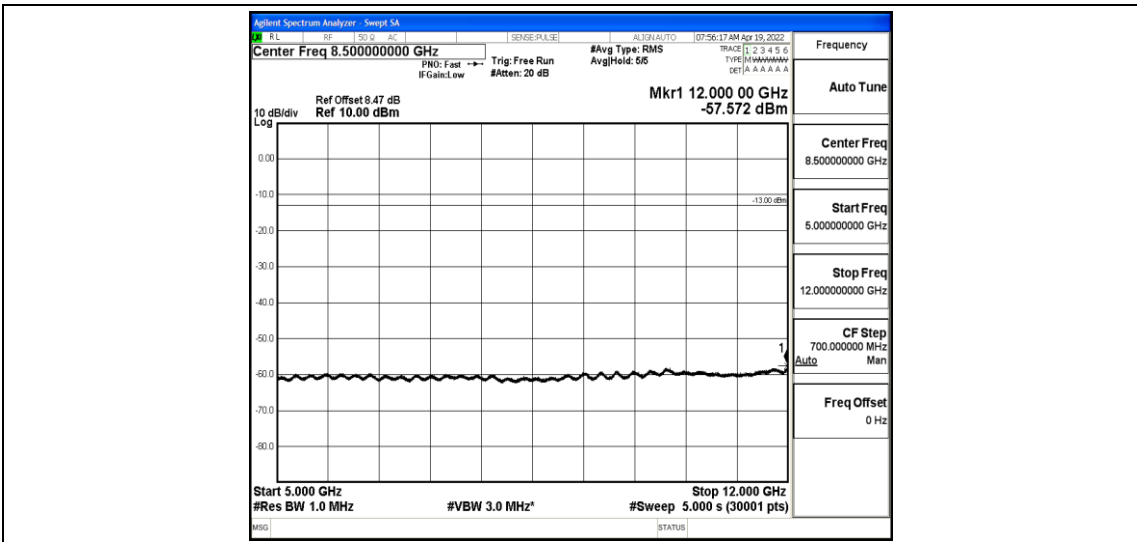
Band4-10MHz-16QAM-2000-1-0-Low-12000-26500--43.14-PASS



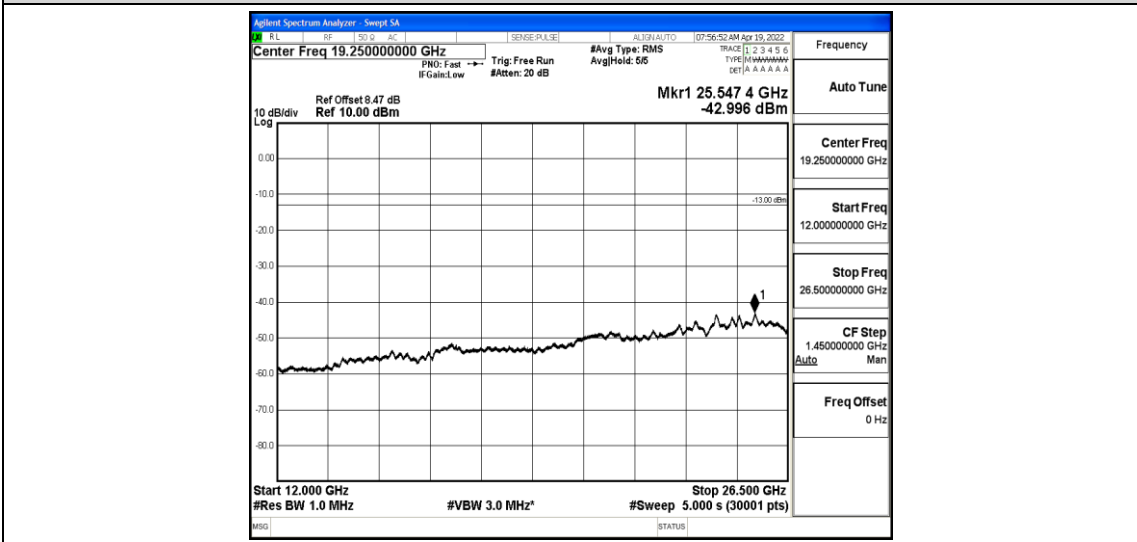
Band4-10MHz-16QAM-20175-1-0-Low-30-1000--35.73-PASS



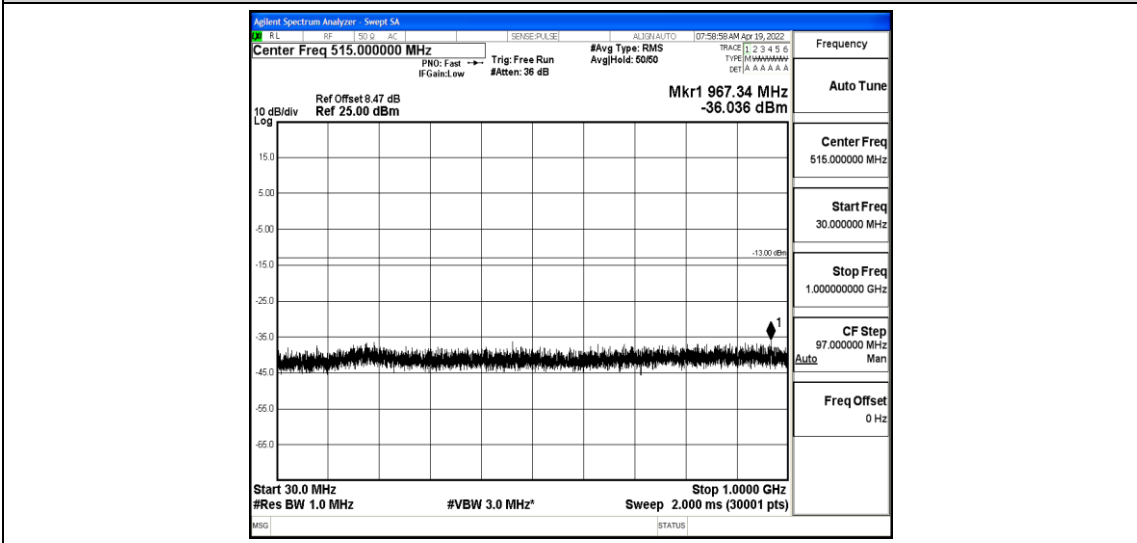
Band4-10MHz-16QAM-20175-1-0-Low-1000-5000--41.04-PASS



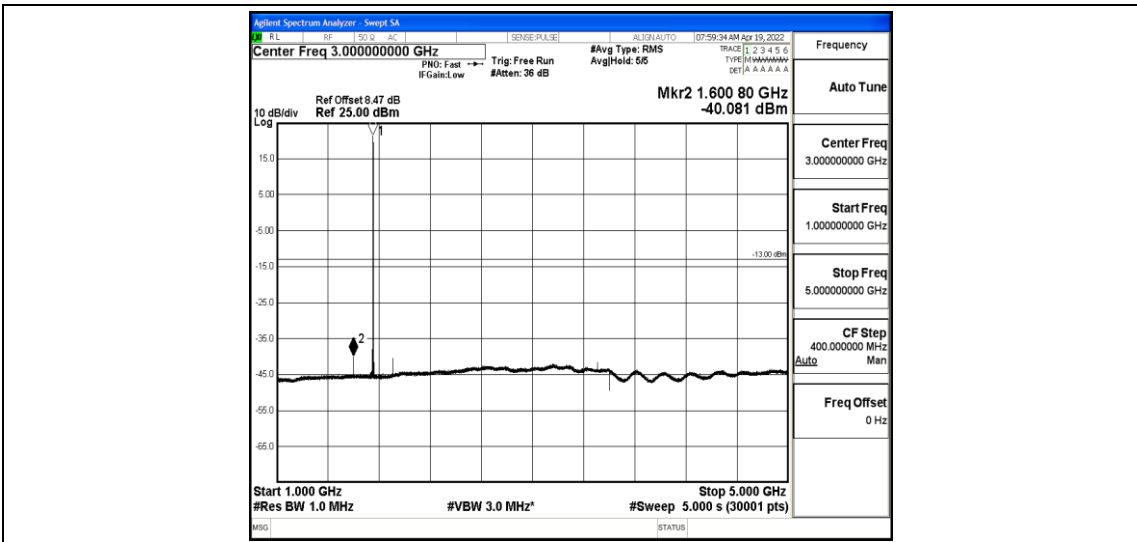
Band4-10MHz-16QAM-20175-1-0-Low-5000-12000--57.57-PASS



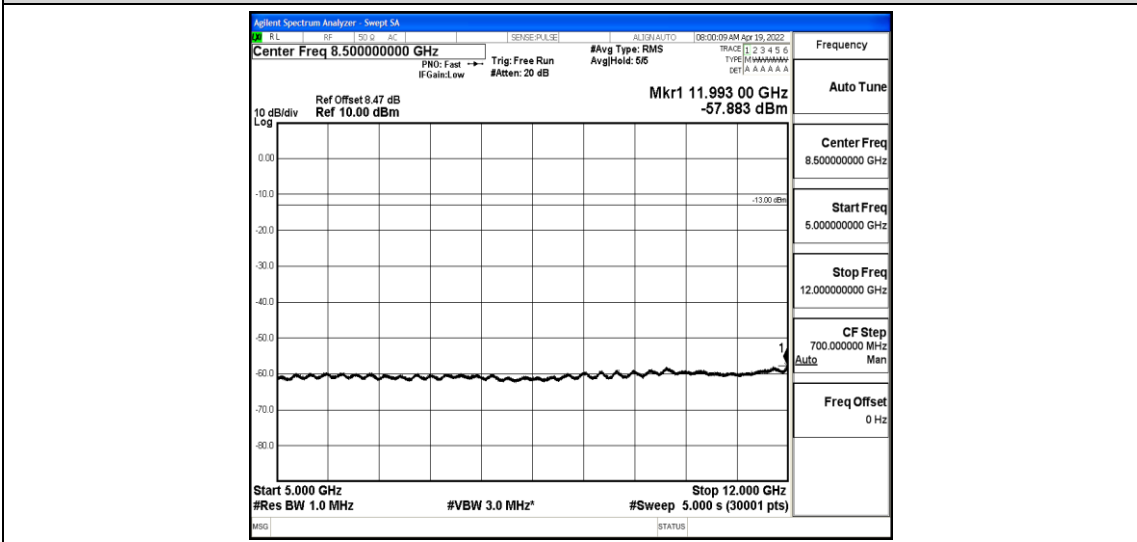
Band4-10MHz-16QAM-20175-1-0-Low-12000-26500--43-PASS



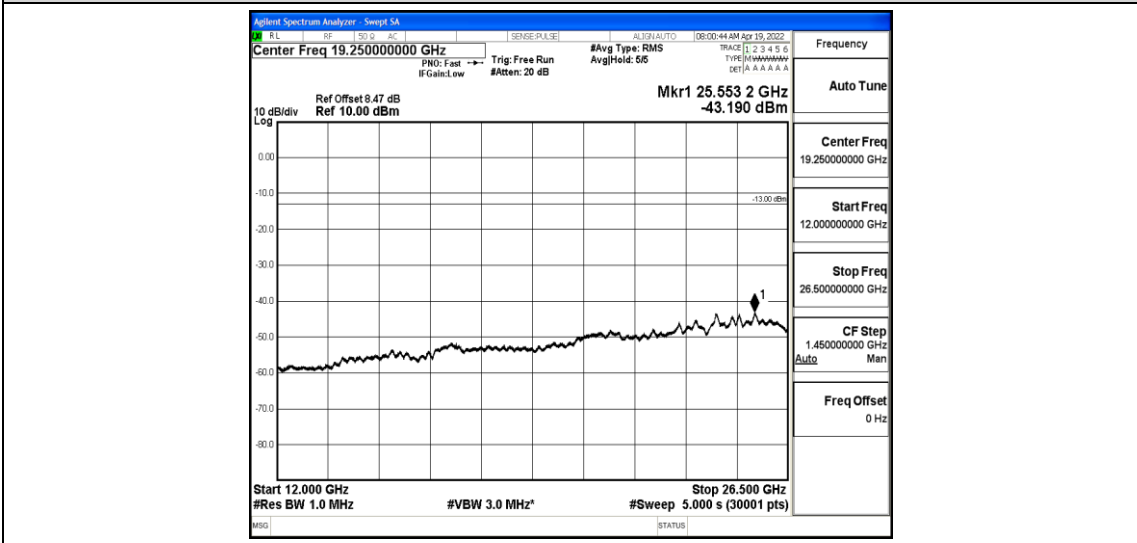
Band4-10MHz-16QAM-20350-1-0-High-30-1000--36.04-PASS



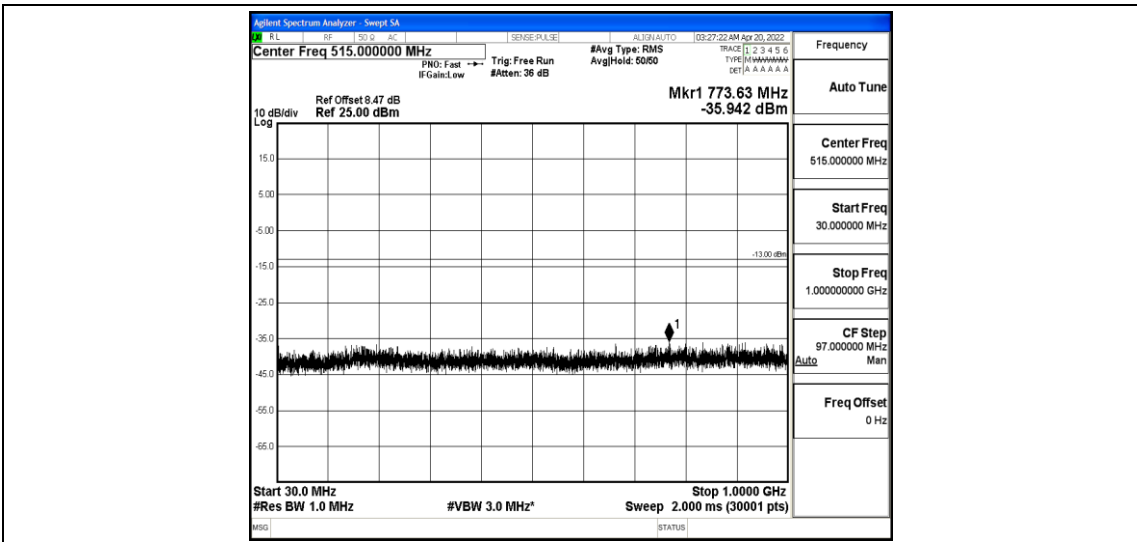
Band4-10MHz-16QAM-20350-1-0-High-1000-5000--40.08-PASS



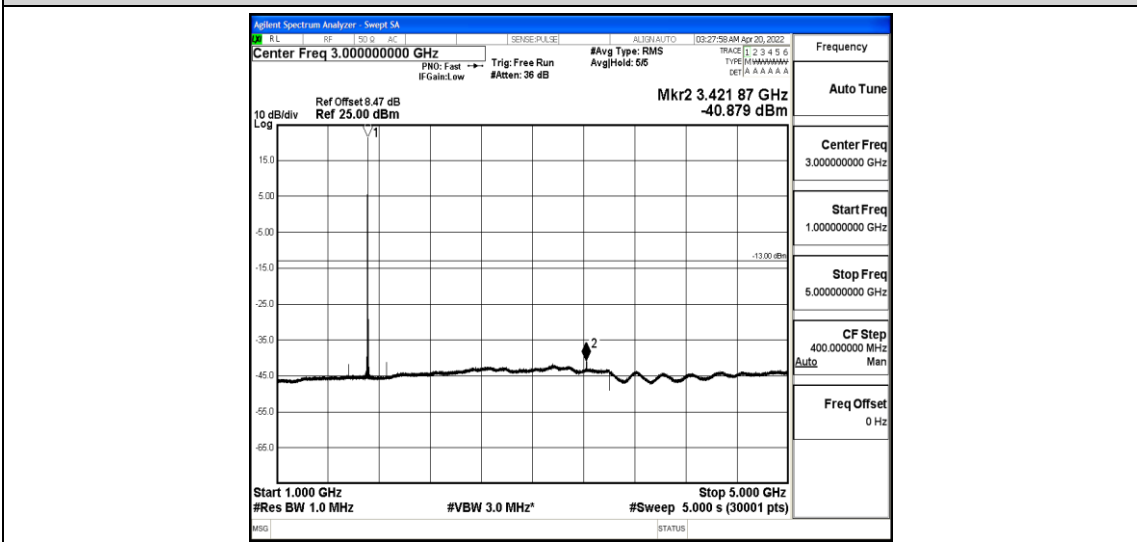
Band4-10MHz-16QAM-20350-1-0-High-5000-12000--57.88-PASS



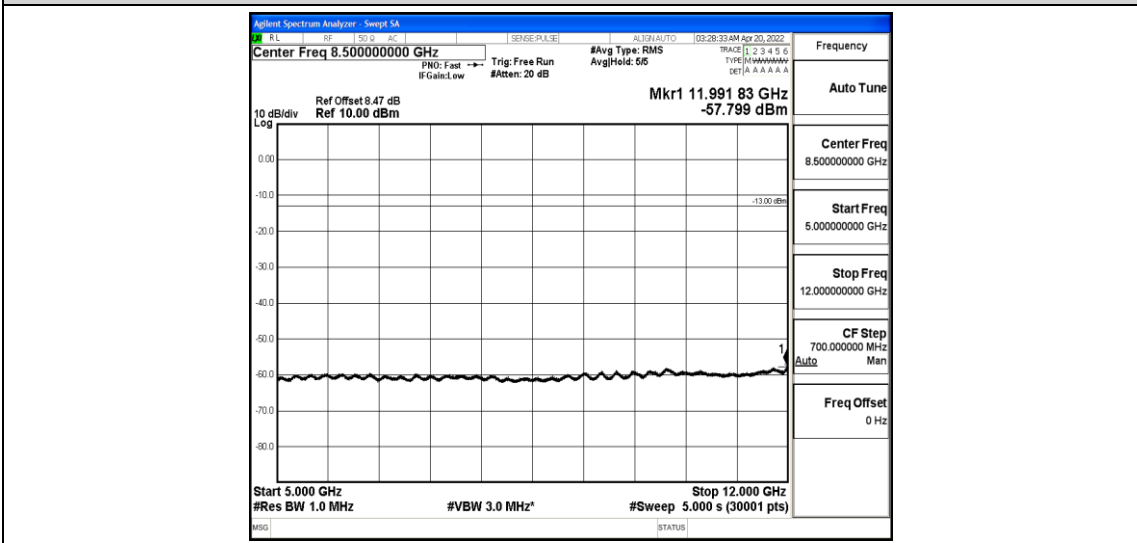
Band4-10MHz-16QAM-20350-1-0-High-12000-26500--43.19-PASS



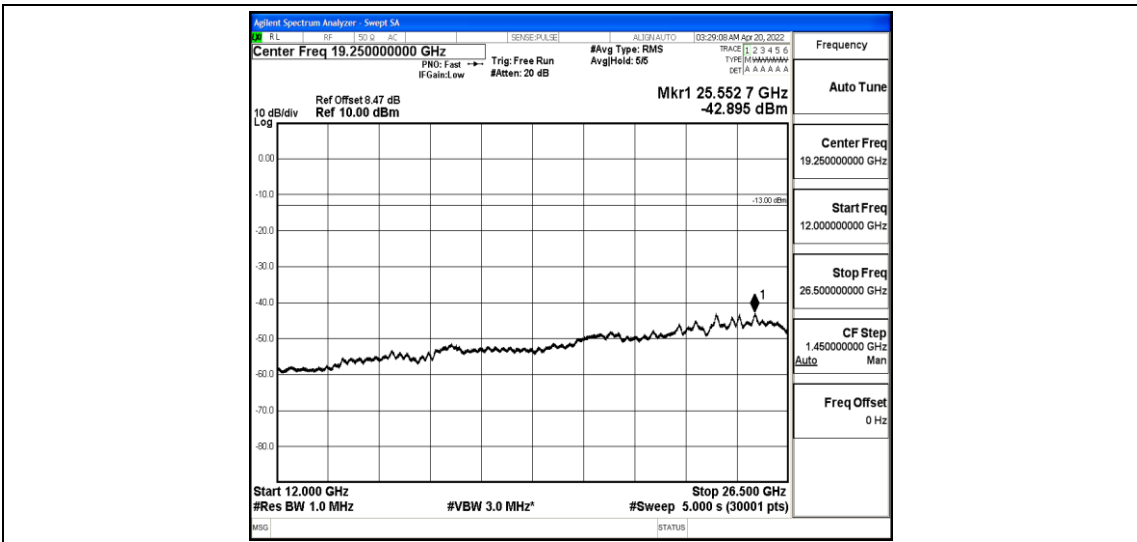
Band4-15MHz-QPSK-20025-1-0-Low-30-1000--35.94-PASS



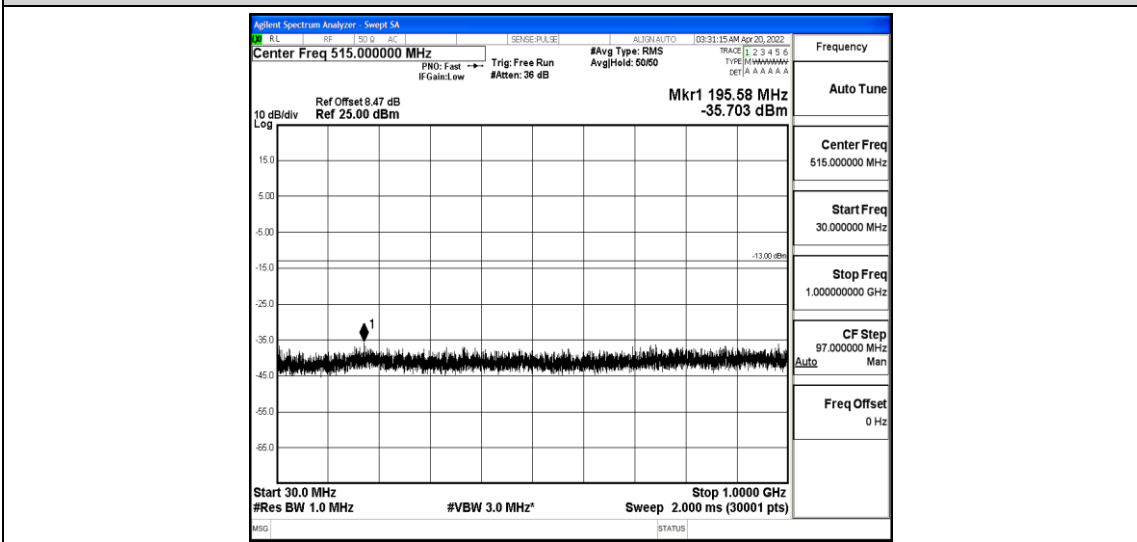
Band4-15MHz-QPSK-20025-1-0-Low-1000-5000--40.88-PASS



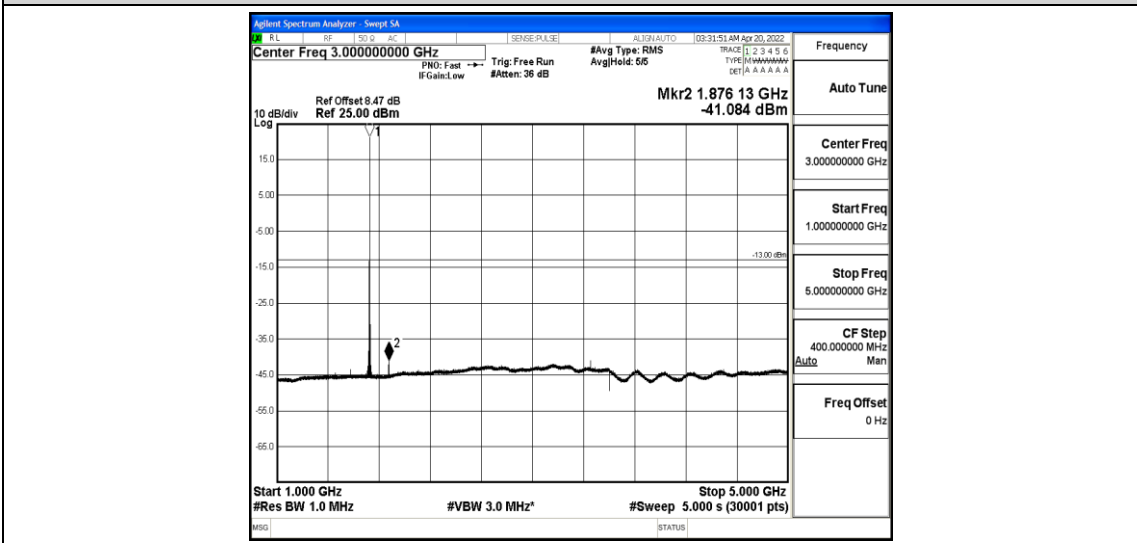
Band4-15MHz-QPSK-20025-1-0-Low-5000-12000--57.8-PASS



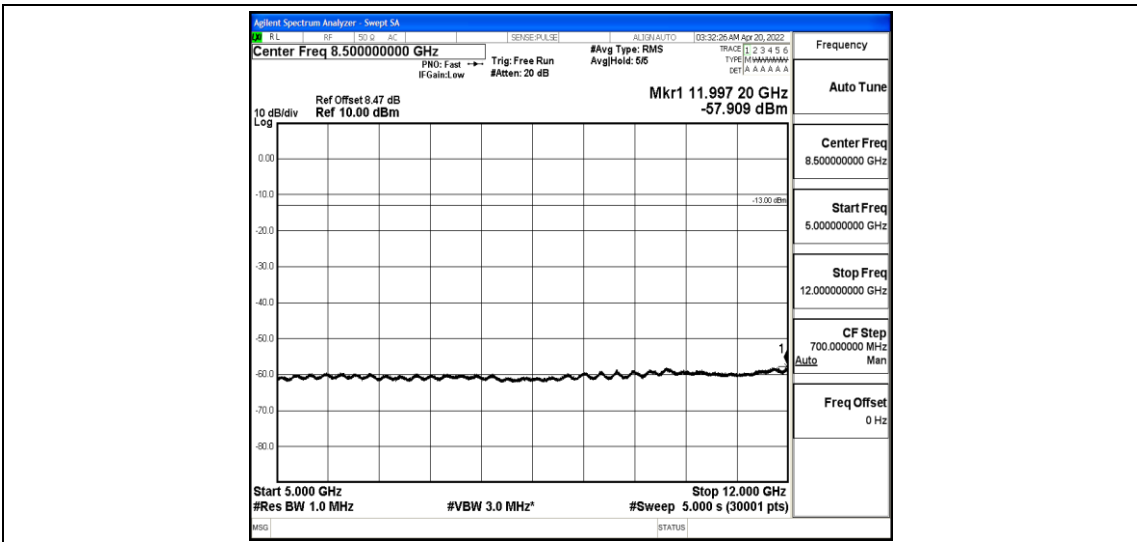
Band4-15MHz-QPSK-20025-1-0-Low-12000-26500--42.9-PASS



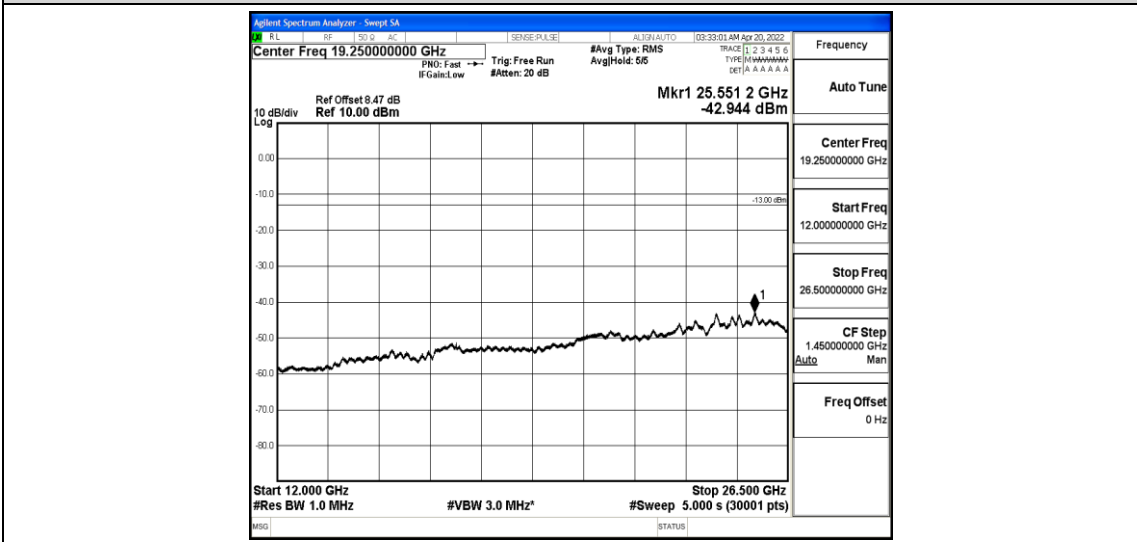
Band4-15MHz-QPSK-20175-1-0-Low-30-1000--35.7-PASS



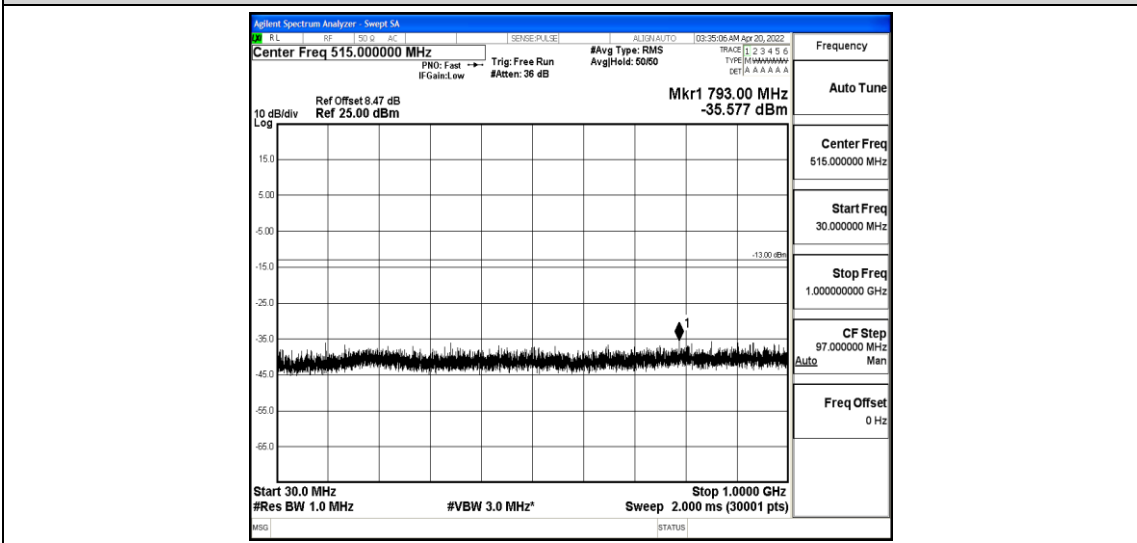
Band4-15MHz-QPSK-20175-1-0-Low-1000-5000--41.08-PASS



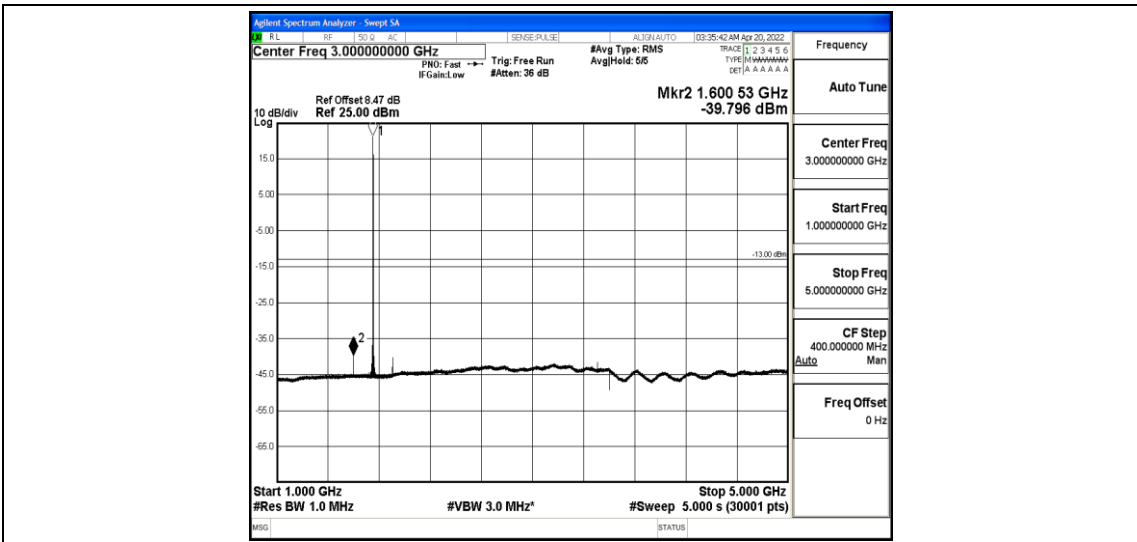
Band4-15MHz-QPSK-20175-1-0-Low-5000-12000--57.91-PASS



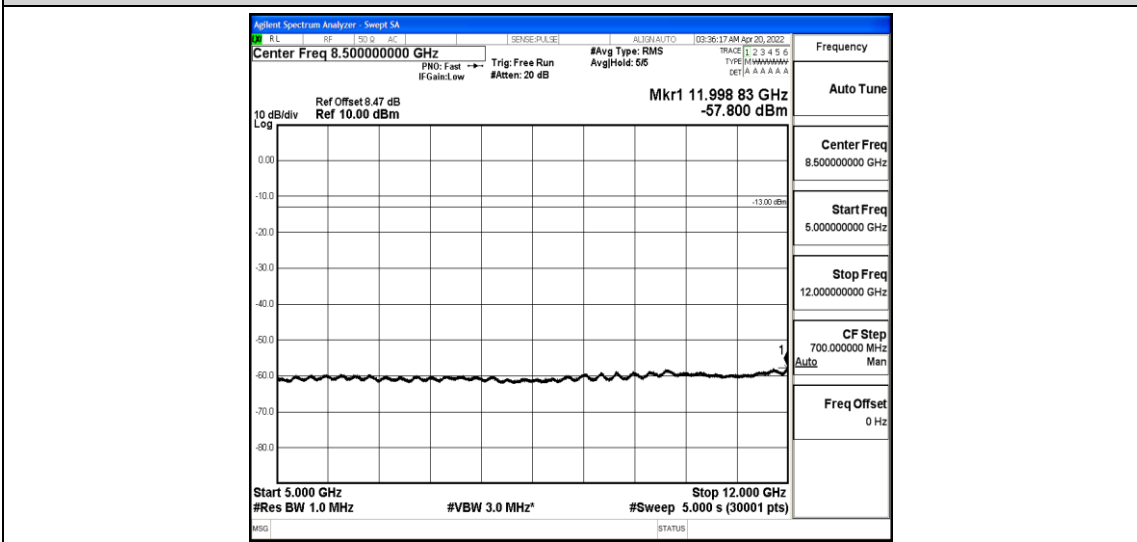
Band4-15MHz-QPSK-20175-1-0-Low-12000-26500--42.94-PASS



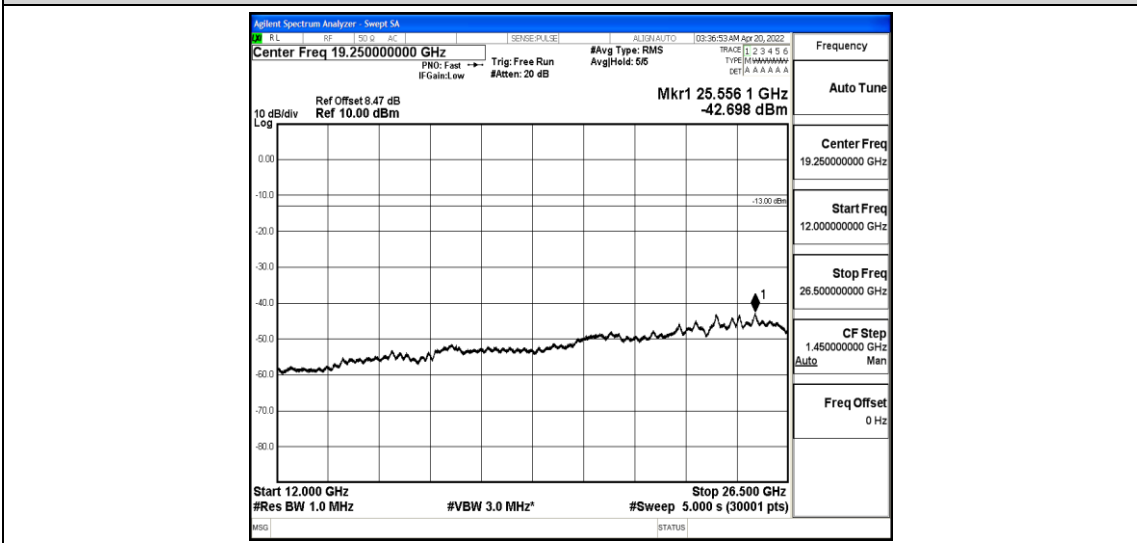
Band4-15MHz-QPSK-20325-1-0-High-30-1000--35.58-PASS



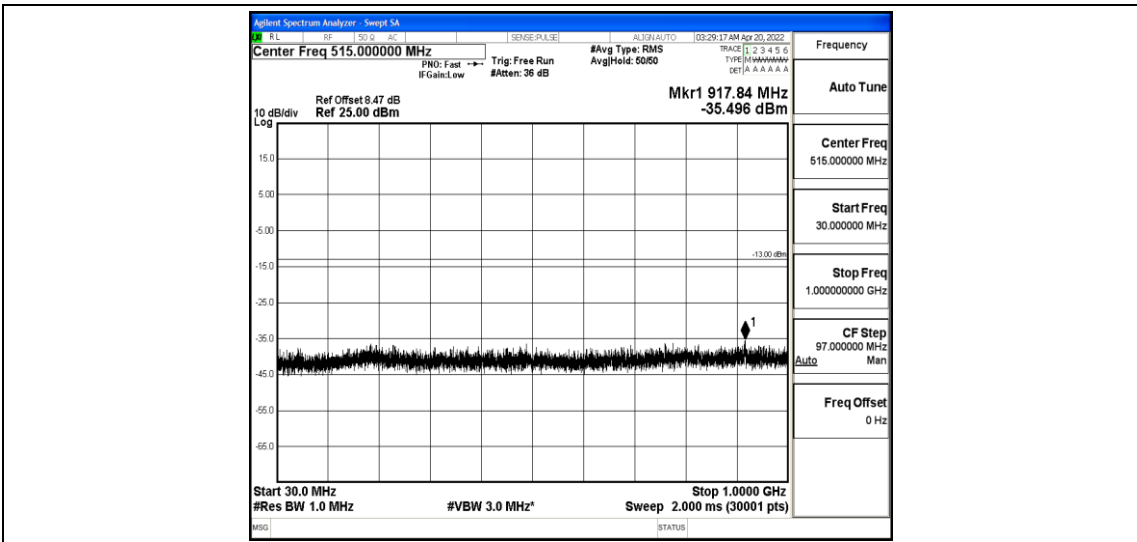
Band4-15MHz-QPSK-20325-1-0-High-1000-5000--39.8-PASS



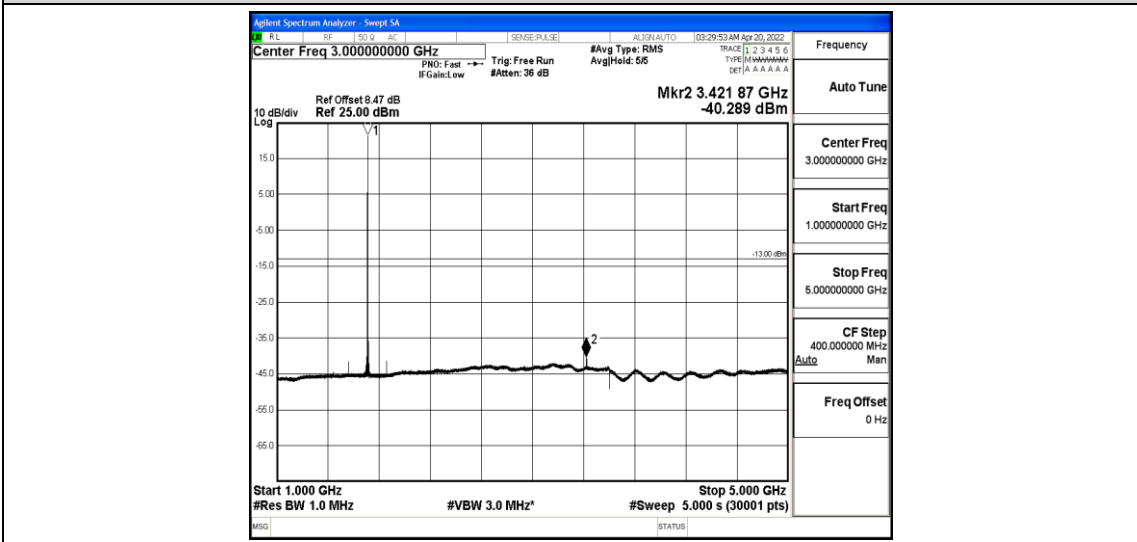
Band4-15MHz-QPSK-20325-1-0-High-5000-12000--57.8-PASS



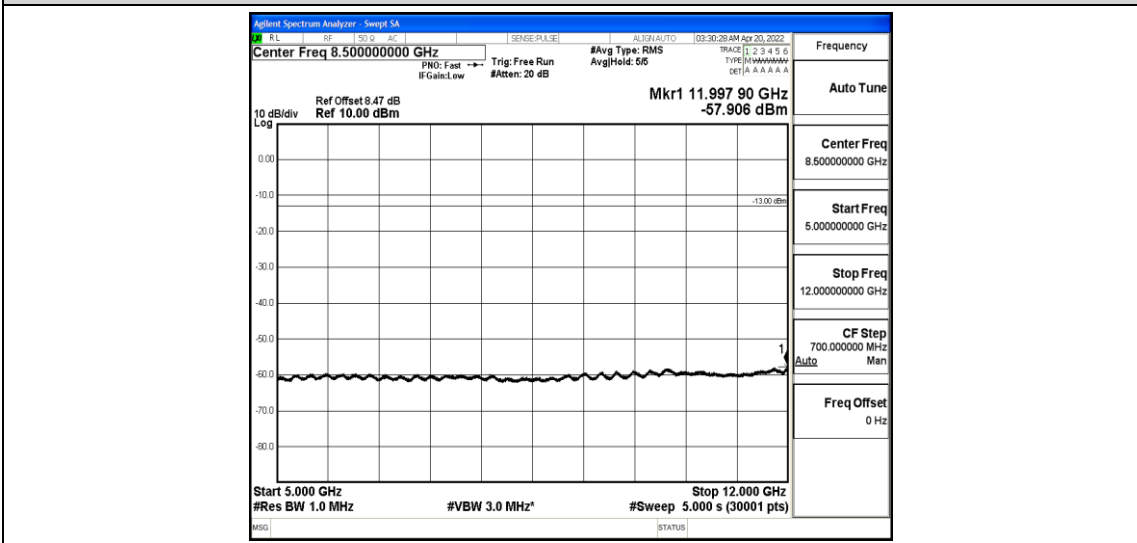
Band4-15MHz-QPSK-20325-1-0-High-12000-26500--42.7-PASS



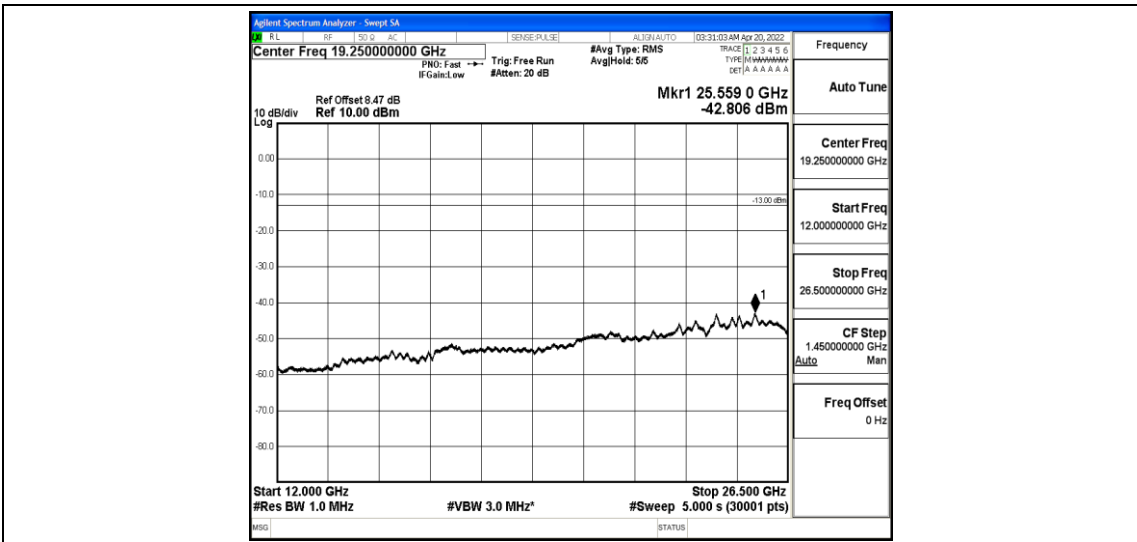
Band4-15MHz-16QAM-20025-1-0-Low-30-1000--35.5-PASS



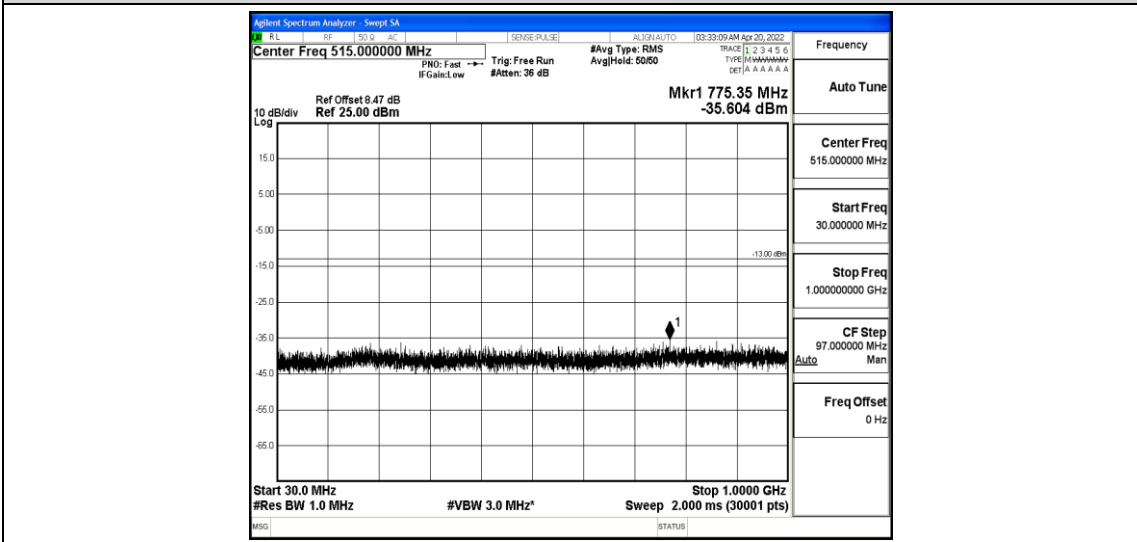
Band4-15MHz-16QAM-20025-1-0-Low-1000-5000--40.29-PASS



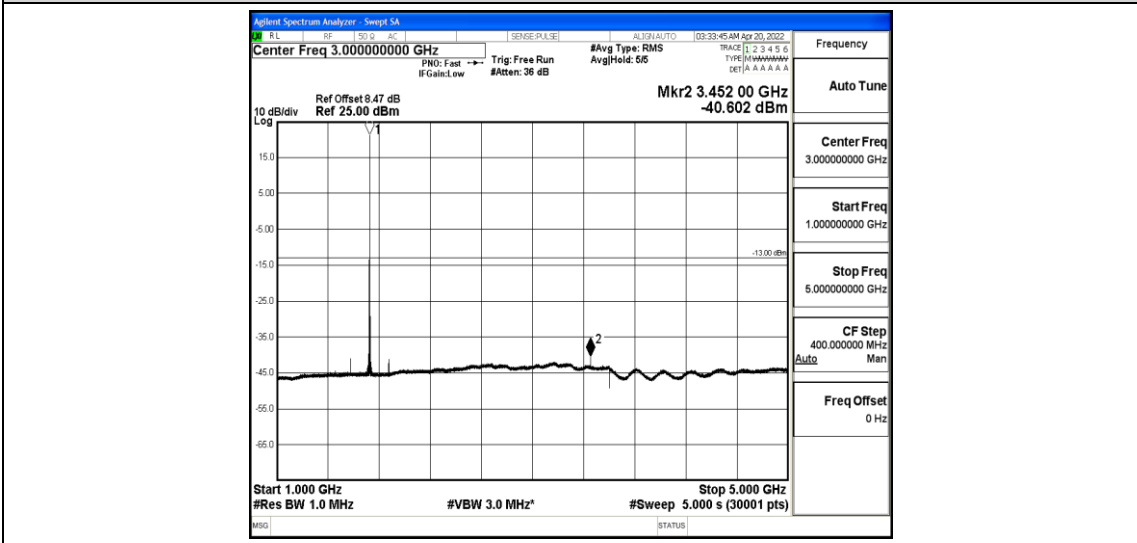
Band4-15MHz-16QAM-20025-1-0-Low-5000-12000--57.91-PASS



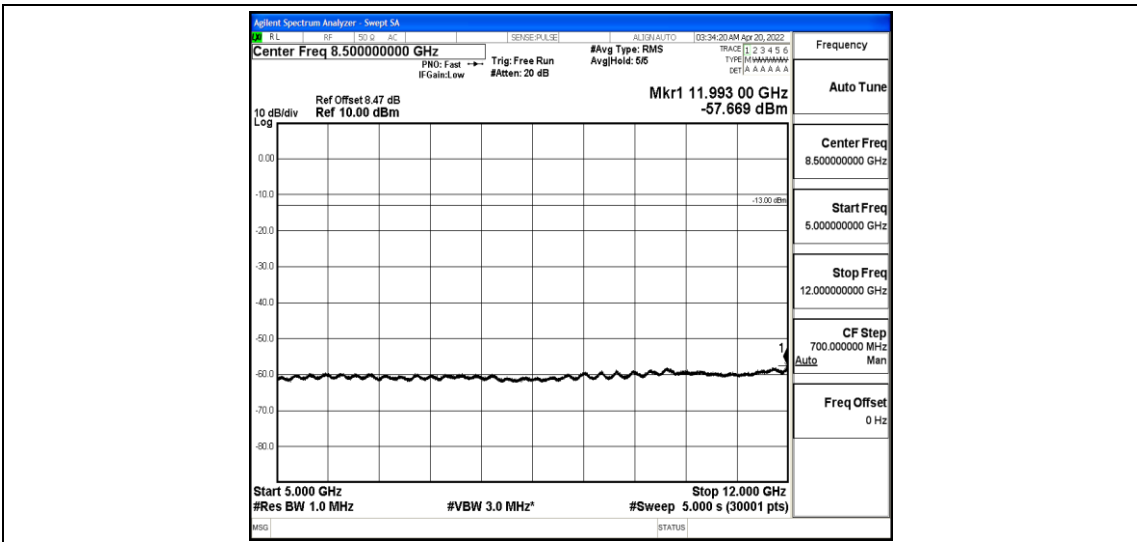
Band4-15MHz-16QAM-20025-1-0-Low-12000-26500--42.81-PASS



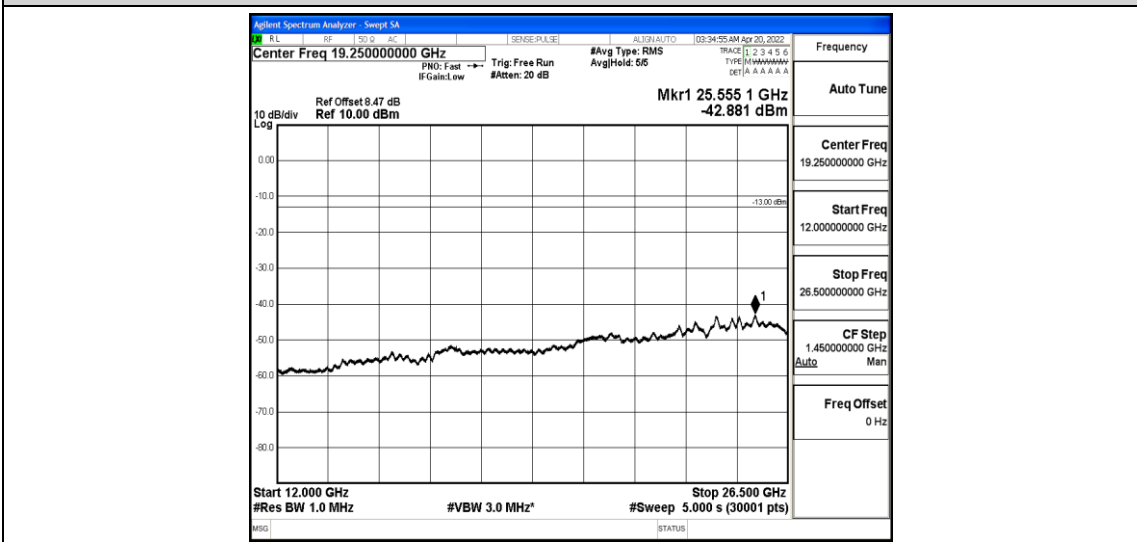
Band4-15MHz-16QAM-20175-1-0-Low-30-1000--35.6-PASS



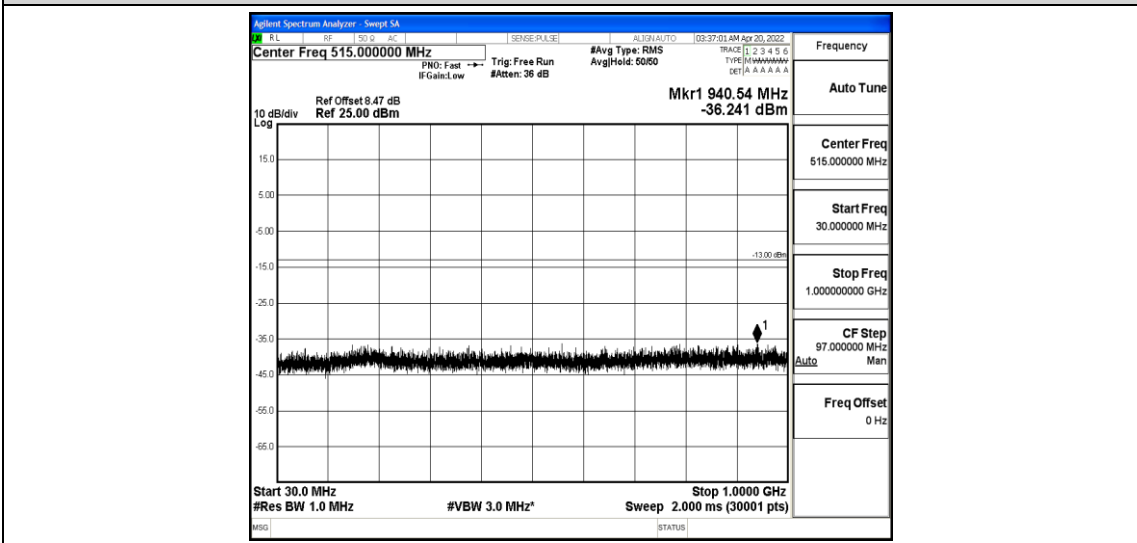
Band4-15MHz-16QAM-20175-1-0-Low-1000-5000--40.6-PASS



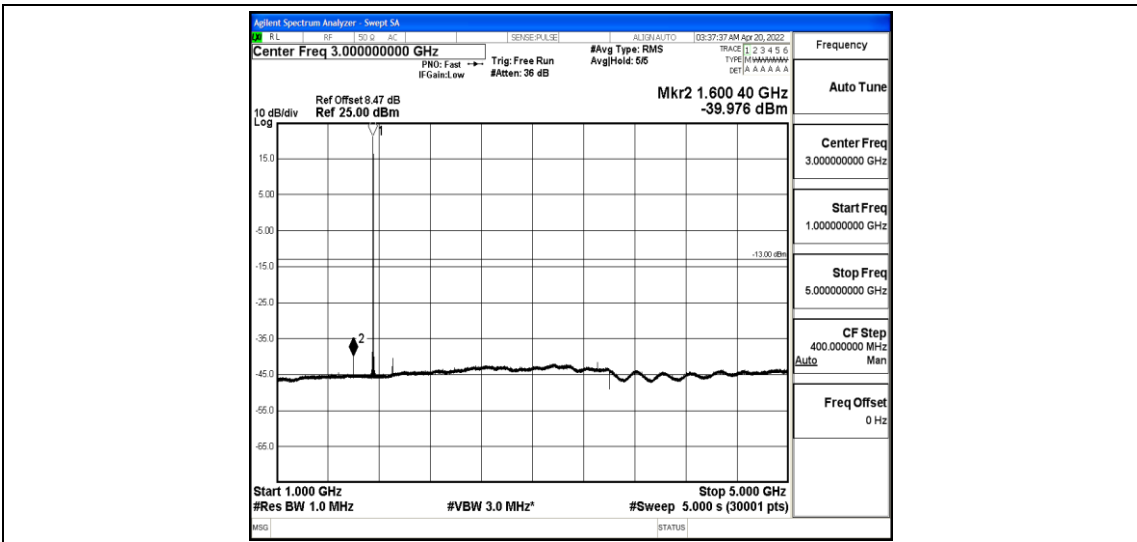
Band4-15MHz-16QAM-20175-1-0-Low-5000-12000--57.67-PASS



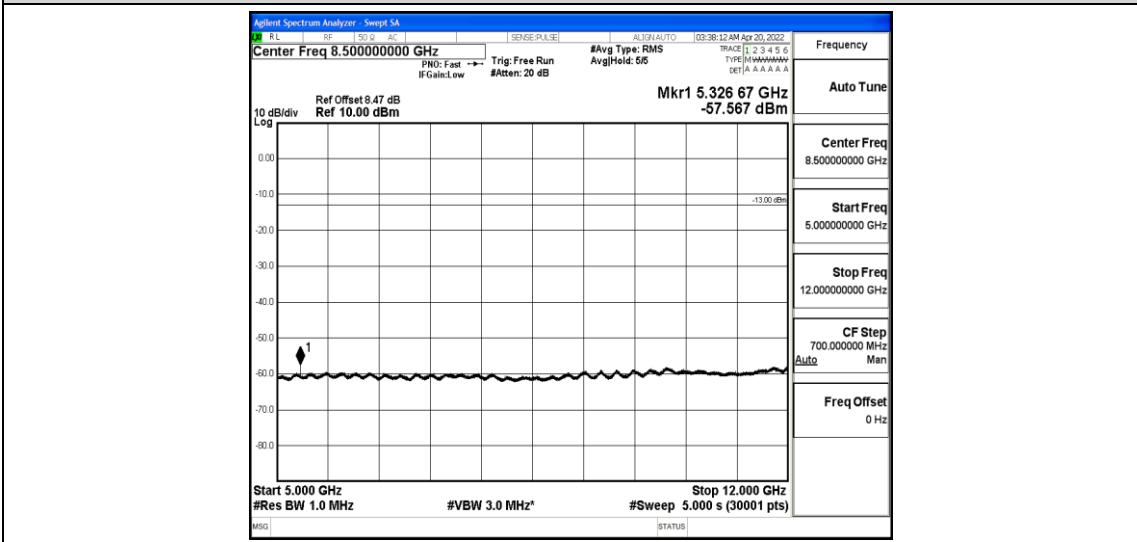
Band4-15MHz-16QAM-20175-1-0-Low-12000-26500--42.88-PASS



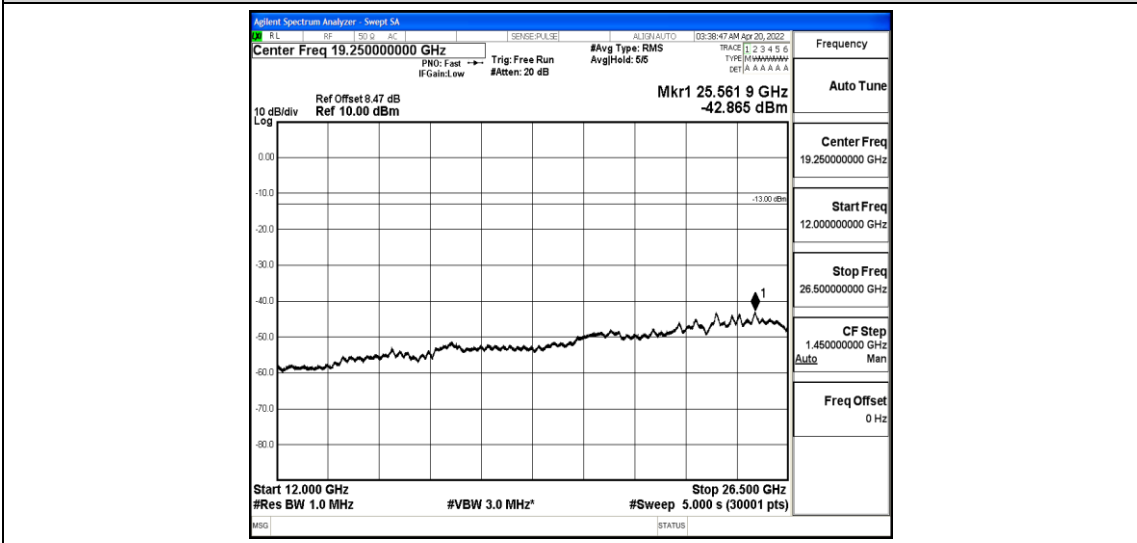
Band4-15MHz-16QAM-20325-1-0-High-30-1000--36.24-PASS



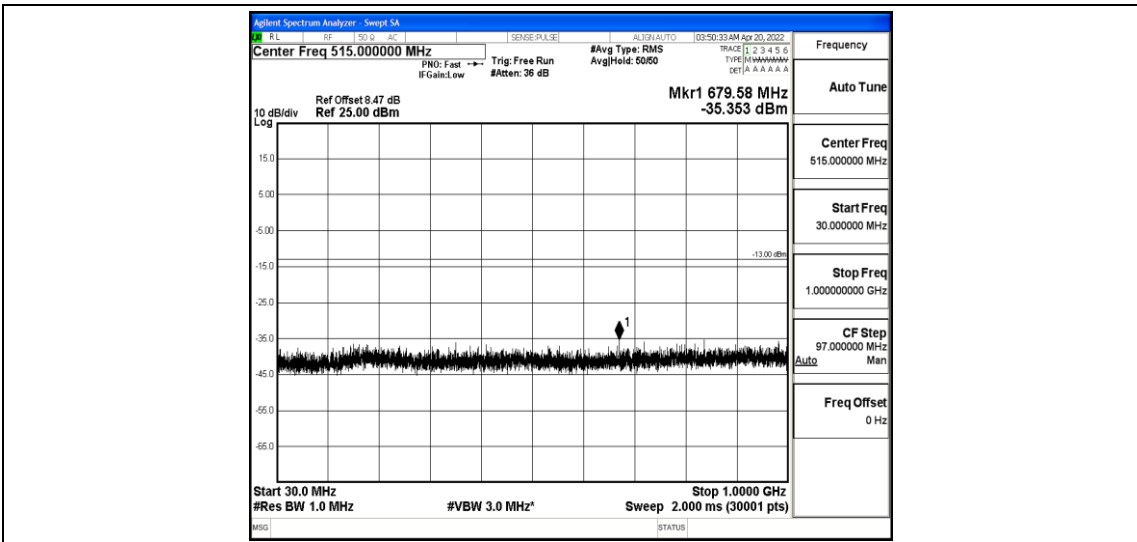
Band4-15MHz-16QAM-20325-1-0-High-1000-5000--39.98-PASS



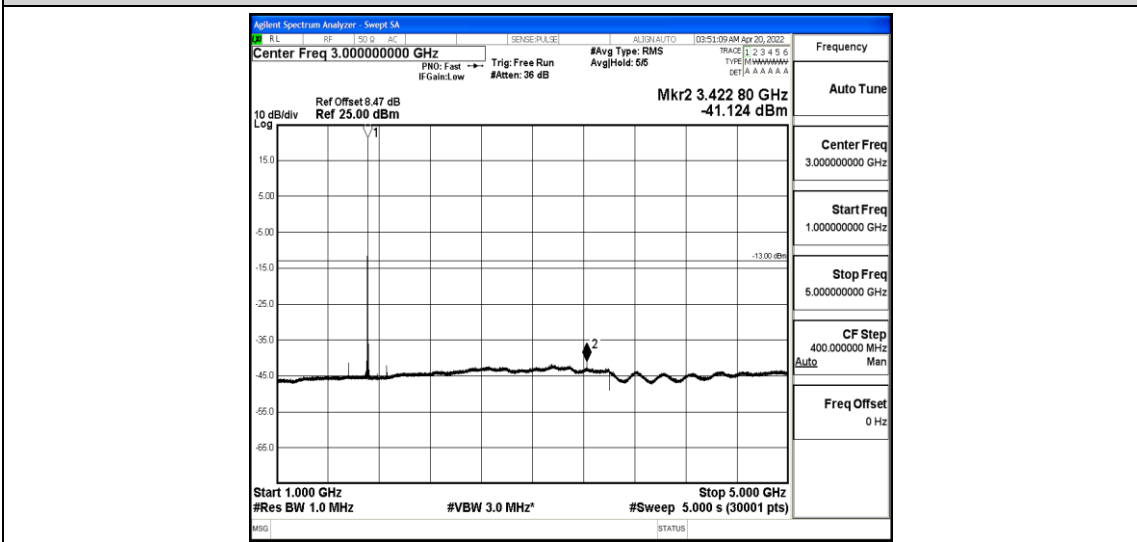
Band4-15MHz-16QAM-20325-1-0-High-5000-12000--57.57-PASS



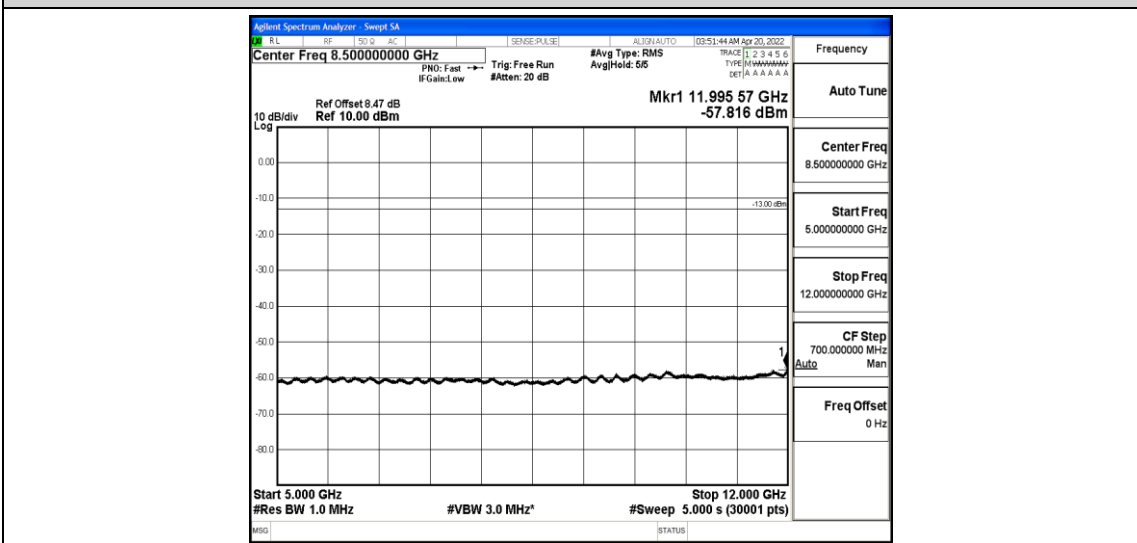
Band4-15MHz-16QAM-20325-1-0-High-12000-26500--42.87-PASS



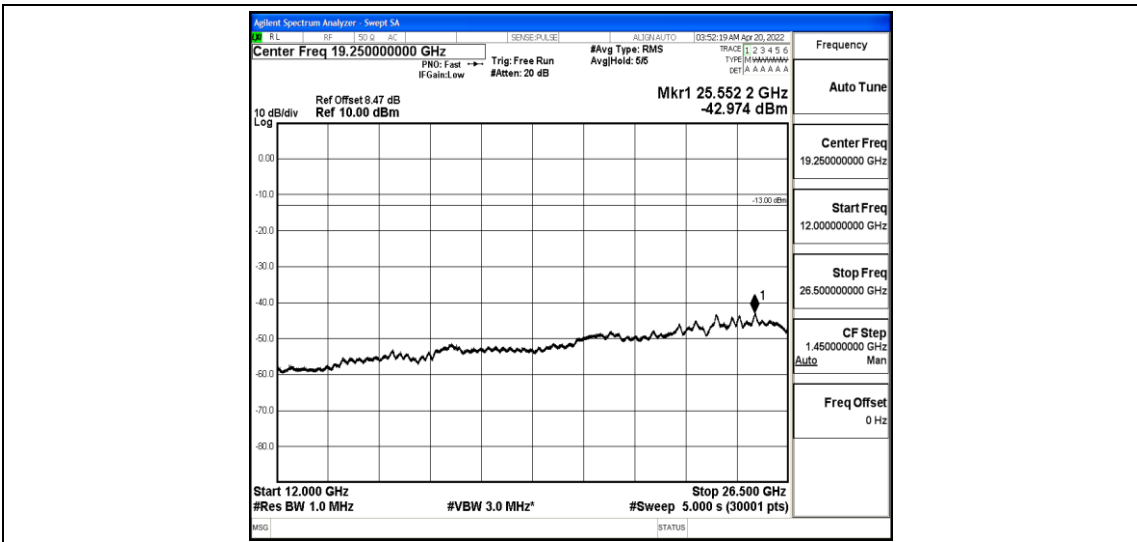
Band4-20MHz-QPSK-20050-1-0-Low-30-1000--35.35-PASS



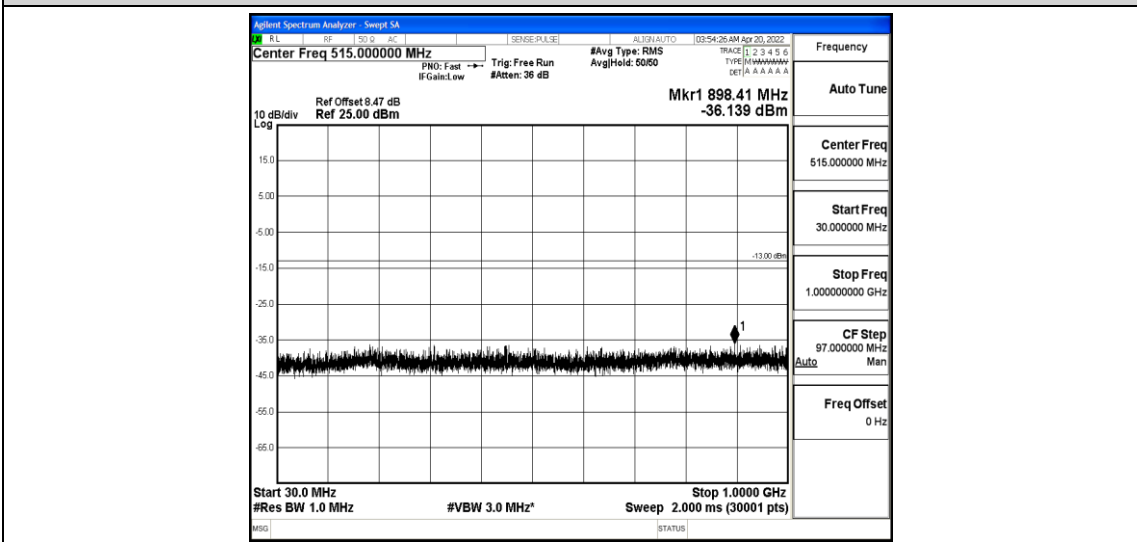
Band4-20MHz-QPSK-20050-1-0-Low-1000-5000--41.12-PASS



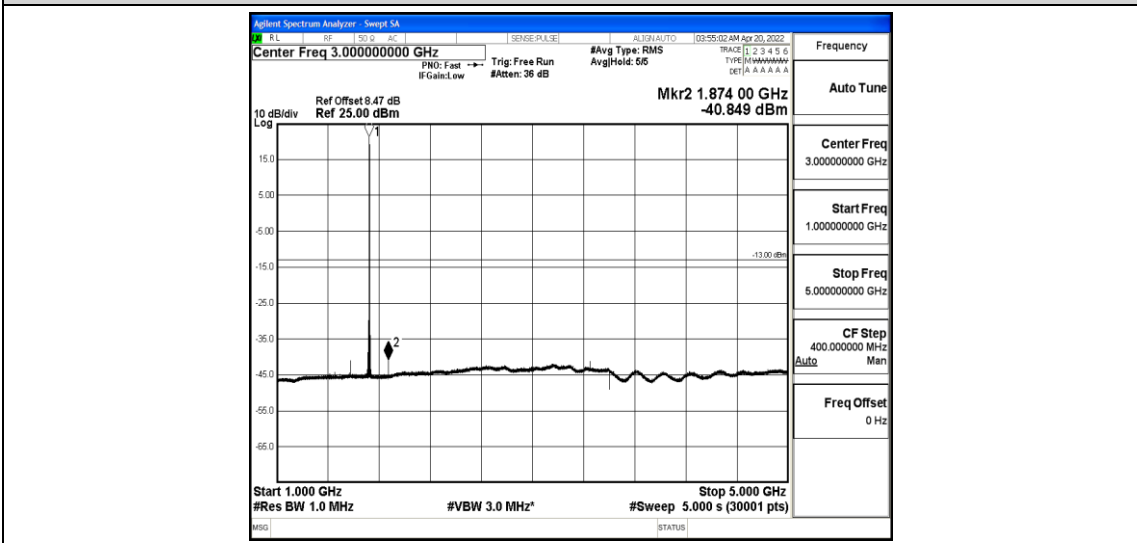
Band4-20MHz-QPSK-20050-1-0-Low-5000-12000--57.82-PASS



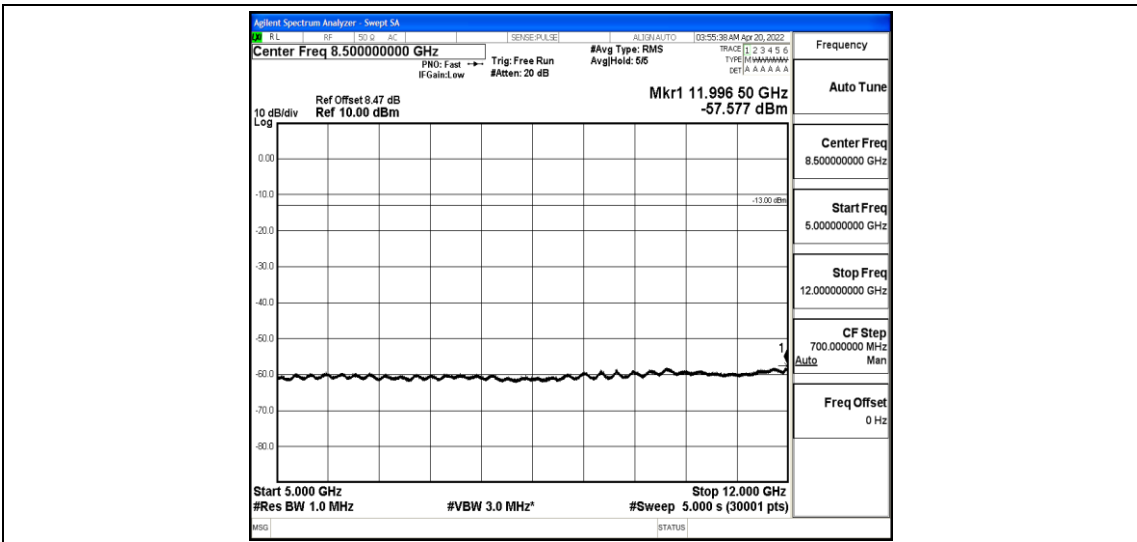
Band4-20MHz-QPSK-20050-1-0-Low-12000-26500--42.97-PASS



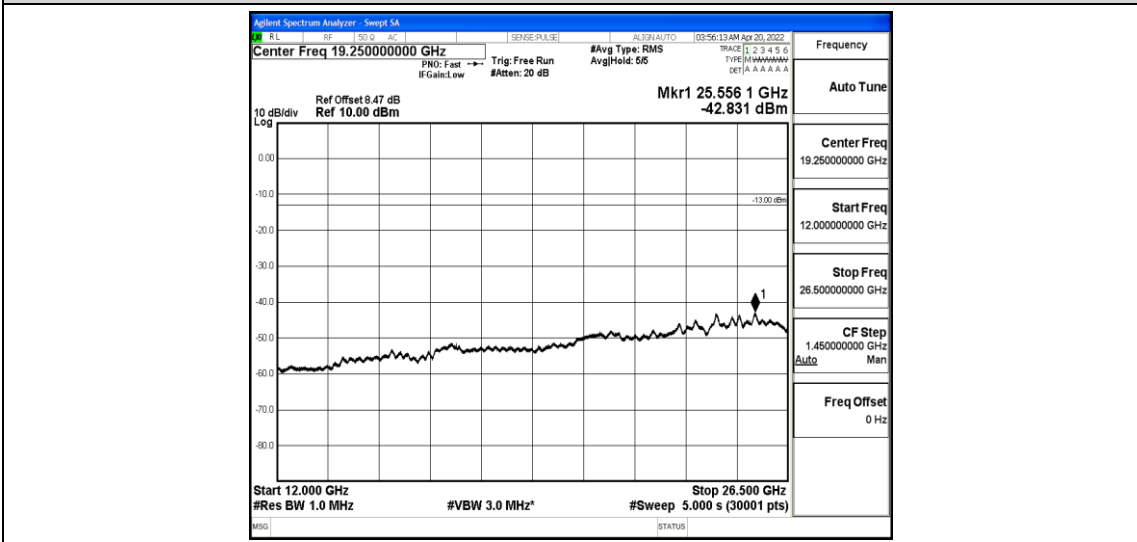
Band4-20MHz-QPSK-20175-1-0-Low-30-1000--36.14-PASS



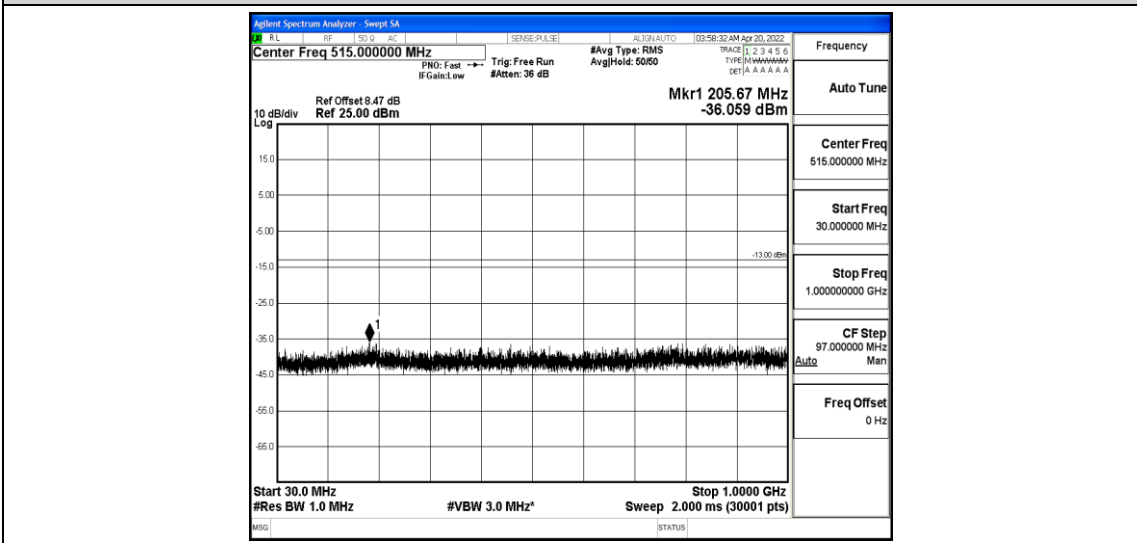
Band4-20MHz-QPSK-20175-1-0-Low-1000-5000--40.85-PASS



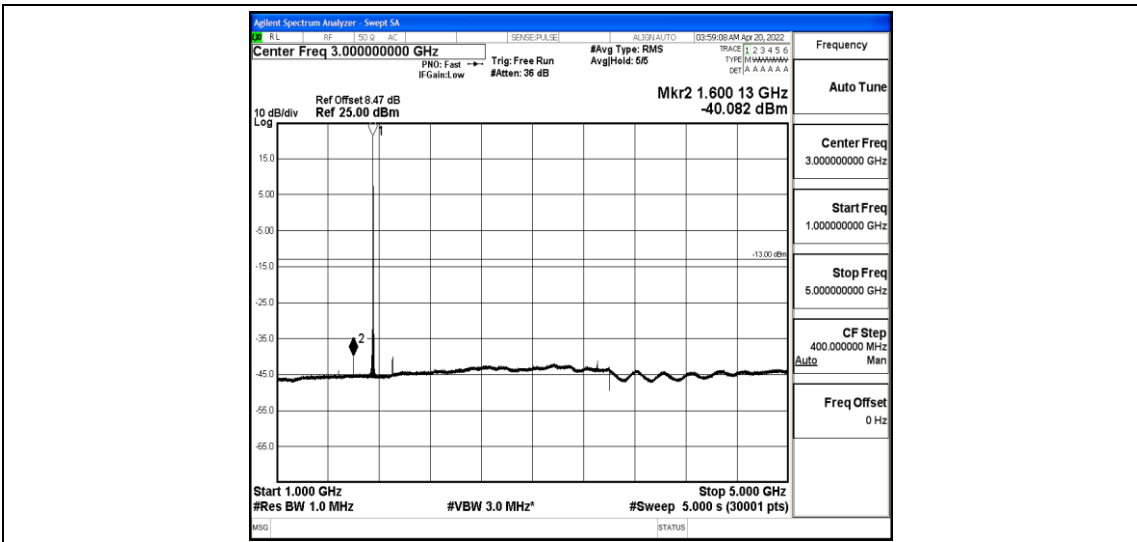
Band4-20MHz-QPSK-20175-1-0-Low-5000-12000--57.58-PASS



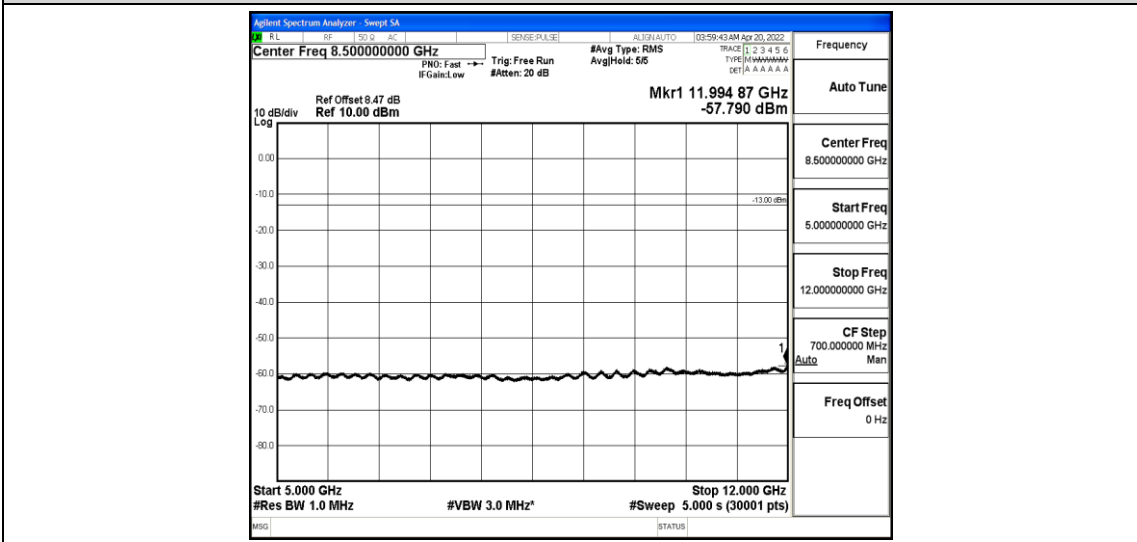
Band4-20MHz-QPSK-20175-1-0-Low-12000-26500--42.83-PASS



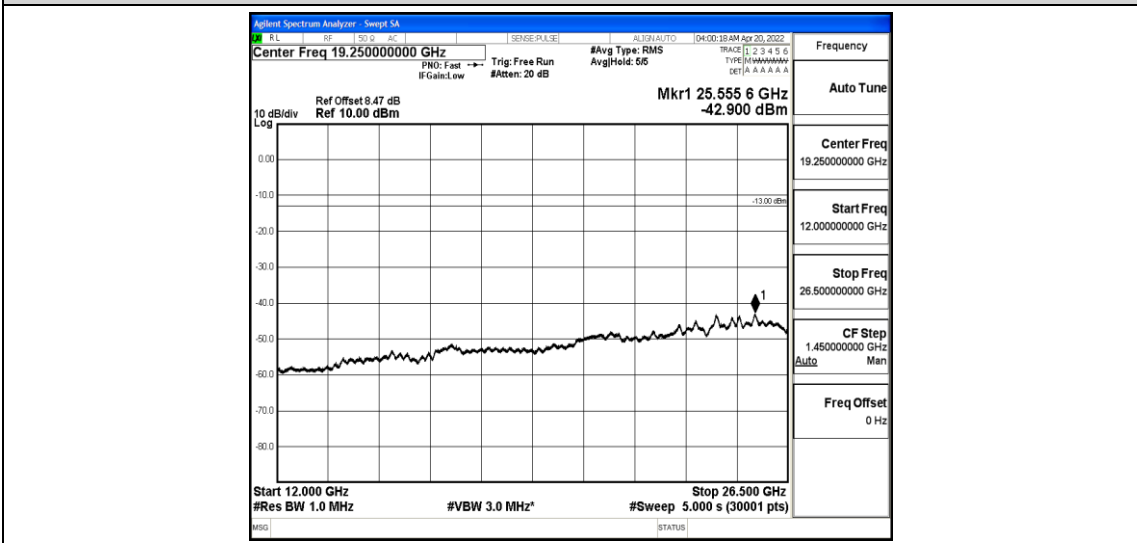
Band4-20MHz-QPSK-20300-1-0-High-30-1000--36.06-PASS



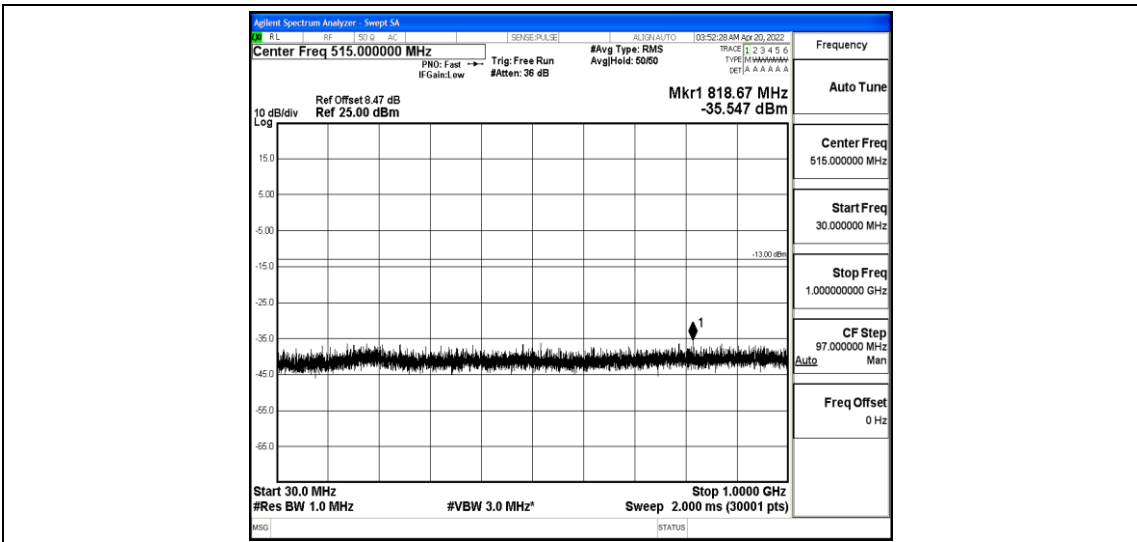
Band4-20MHz-QPSK-20300-1-0-High-1000-5000--40.08-PASS



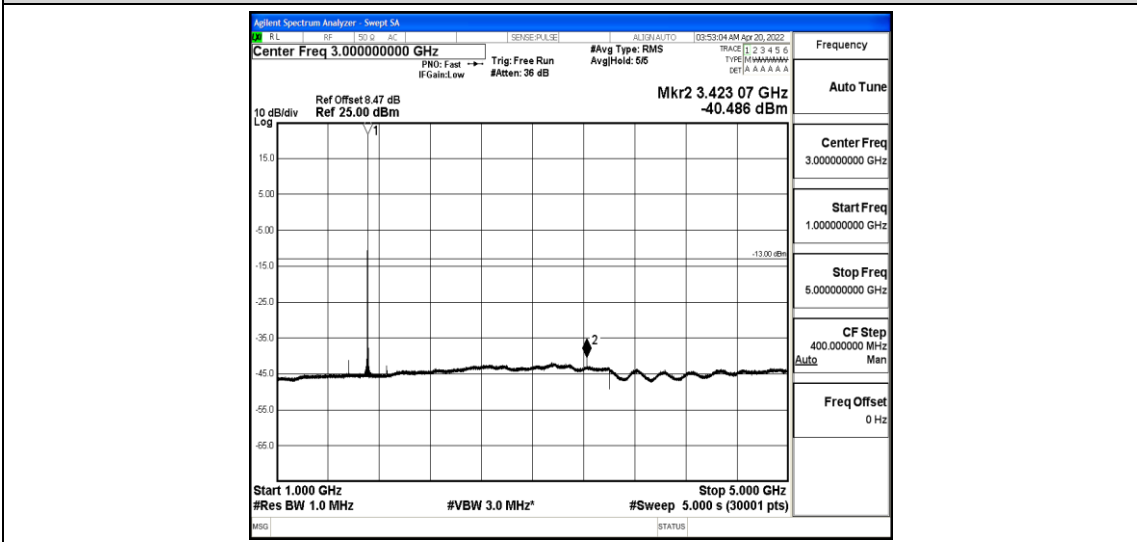
Band4-20MHz-QPSK-20300-1-0-High-5000-12000--57.79-PASS



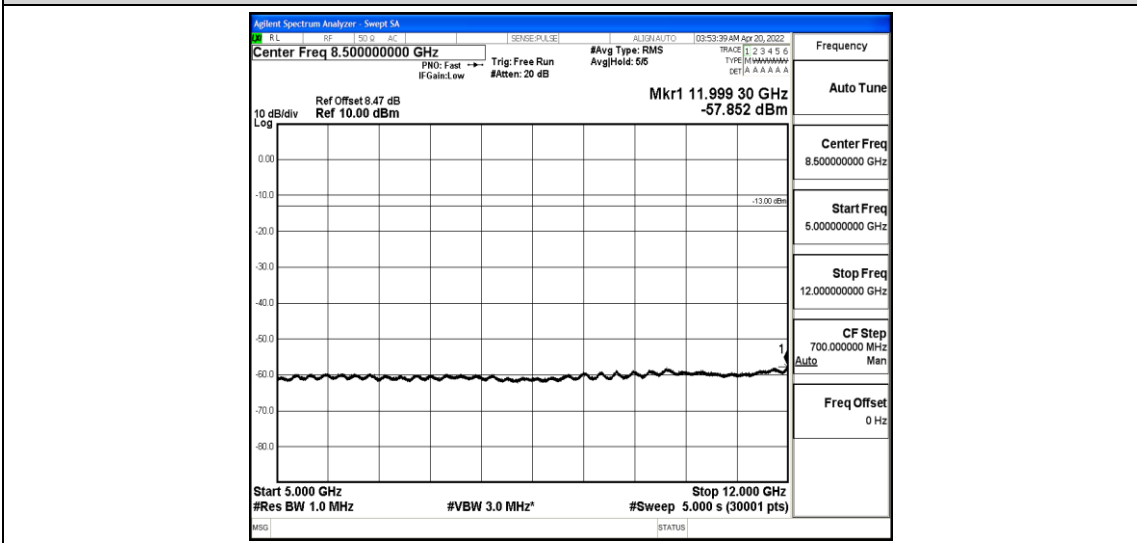
Band4-20MHz-QPSK-20300-1-0-High-12000-26500--42.9-PASS



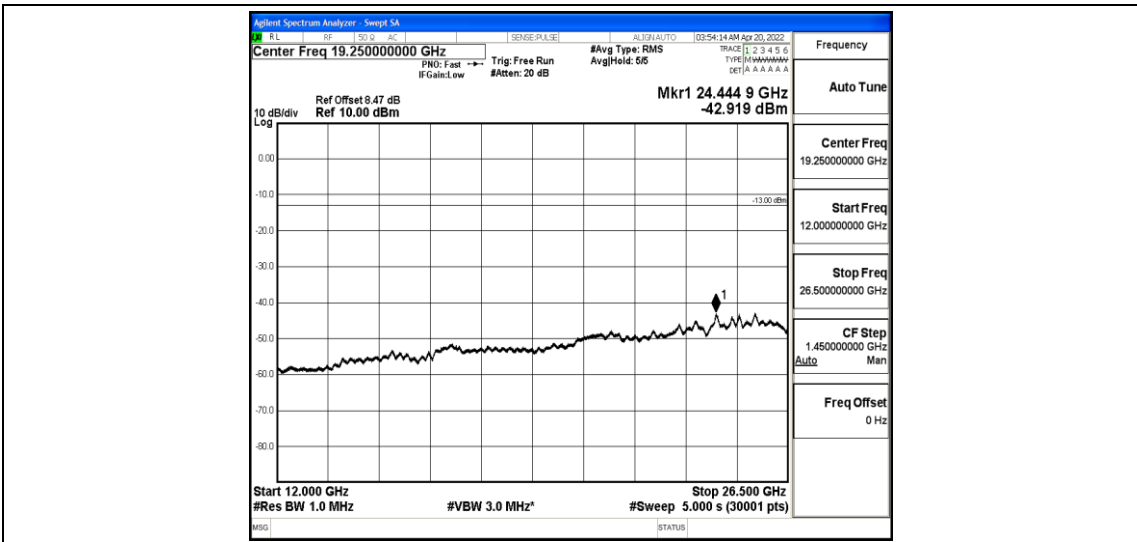
Band4-20MHz-16QAM-20050-1-0-Low-30-1000--35.55-PASS



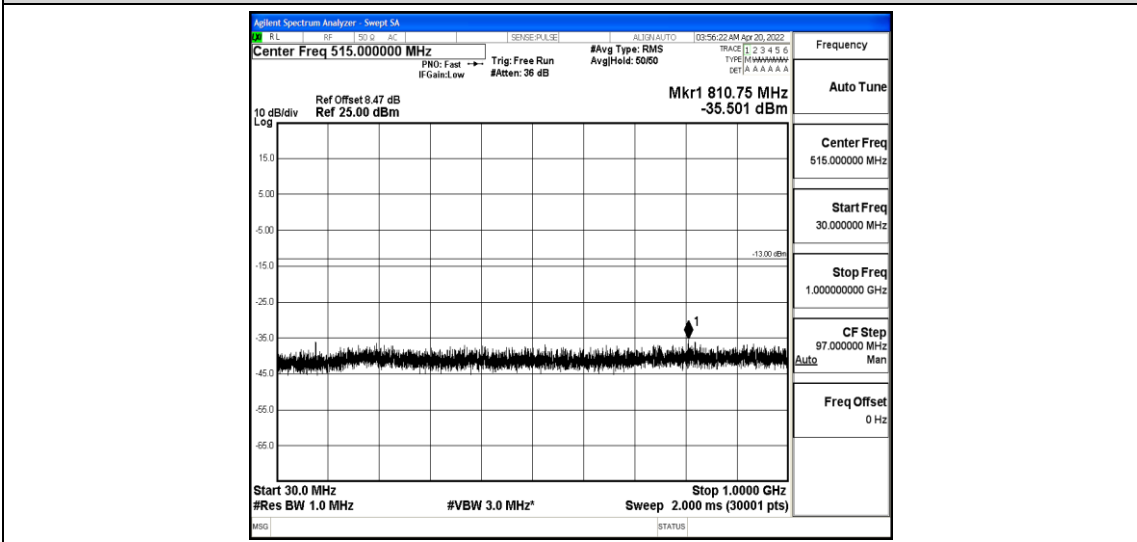
Band4-20MHz-16QAM-20050-1-0-Low-1000-5000--40.49-PASS



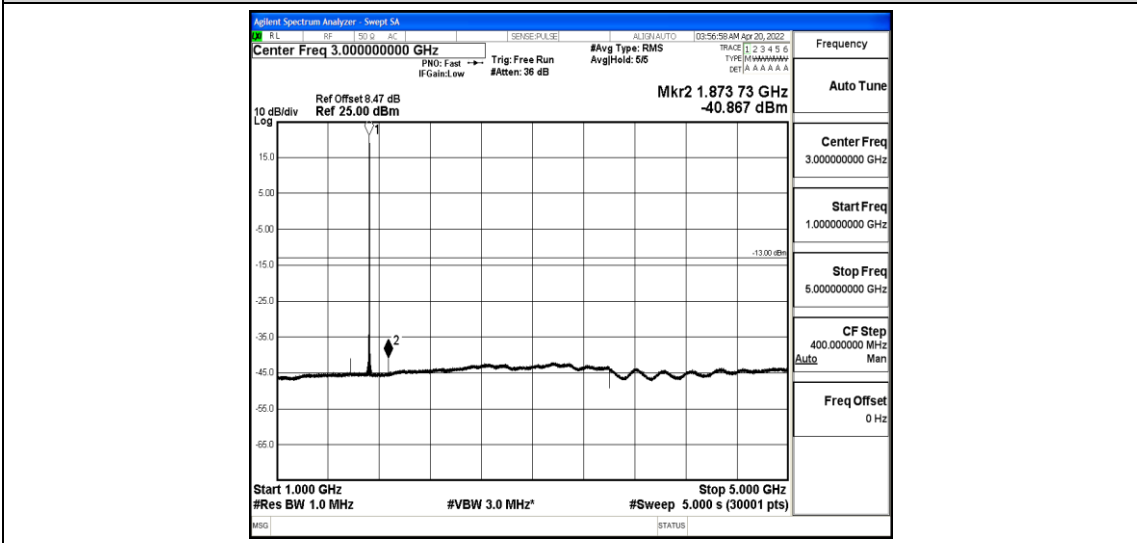
Band4-20MHz-16QAM-20050-1-0-Low-5000-12000--57.85-PASS



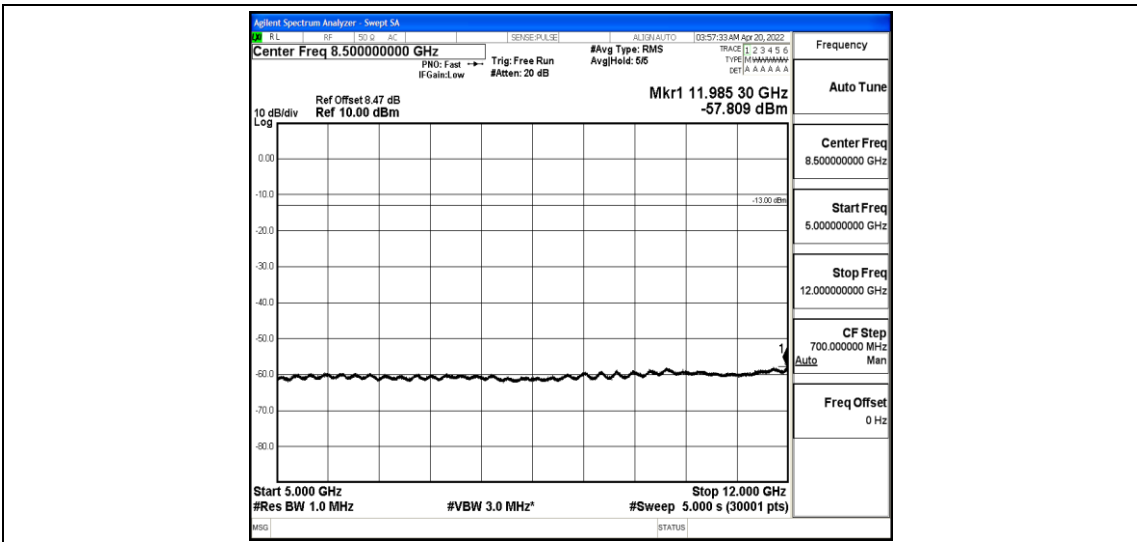
Band4-20MHz-16QAM-20050-1-0-Low-12000-26500--42.92-PASS



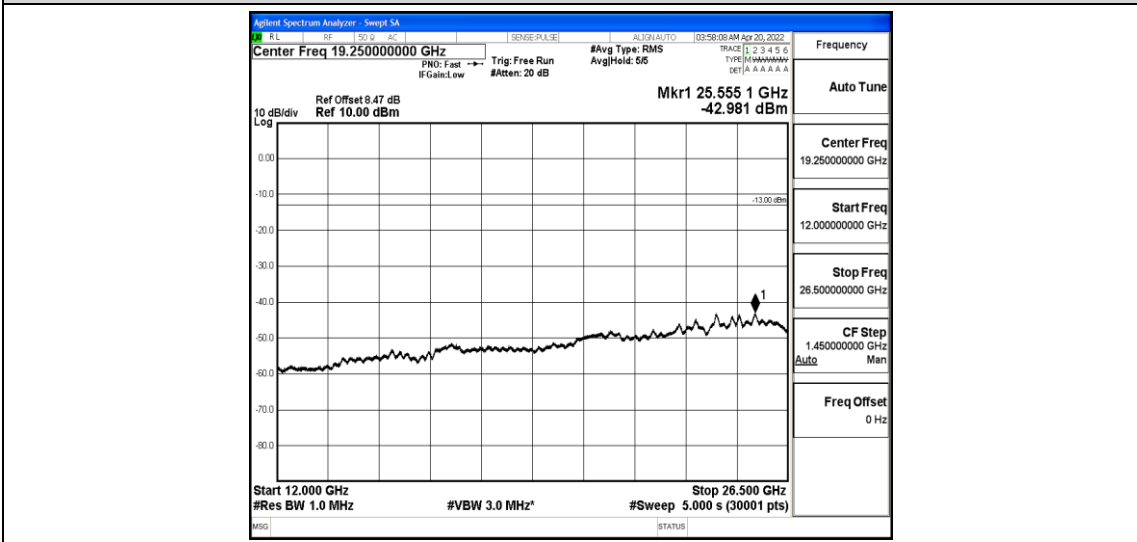
Band4-20MHz-16QAM-20175-1-0-Low-30-1000--35.5-PASS



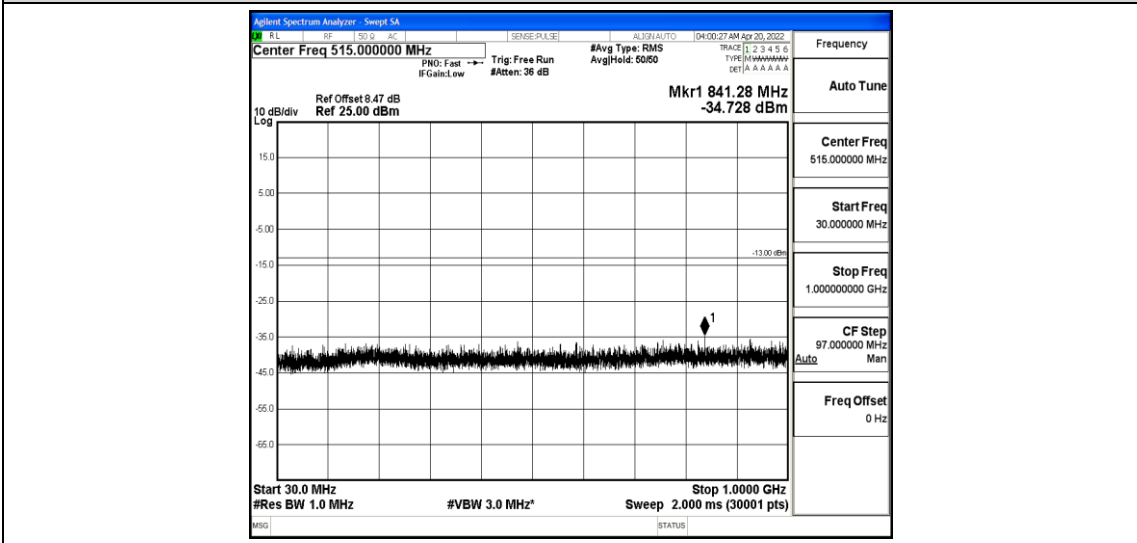
Band4-20MHz-16QAM-20175-1-0-Low-1000-5000--40.87-PASS



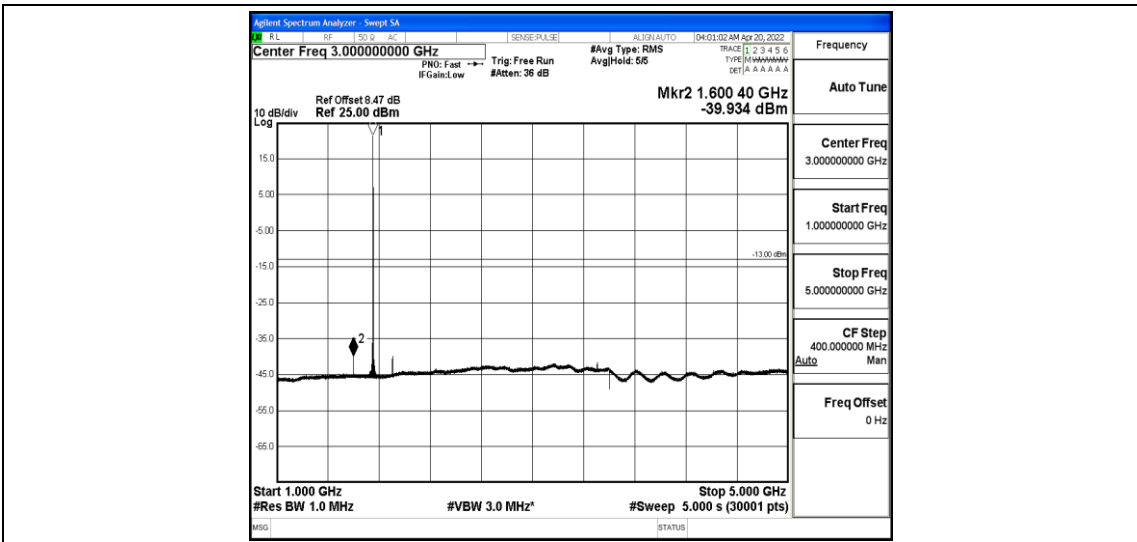
Band4-20MHz-16QAM-20175-1-0-Low-5000-12000--57.81-PASS



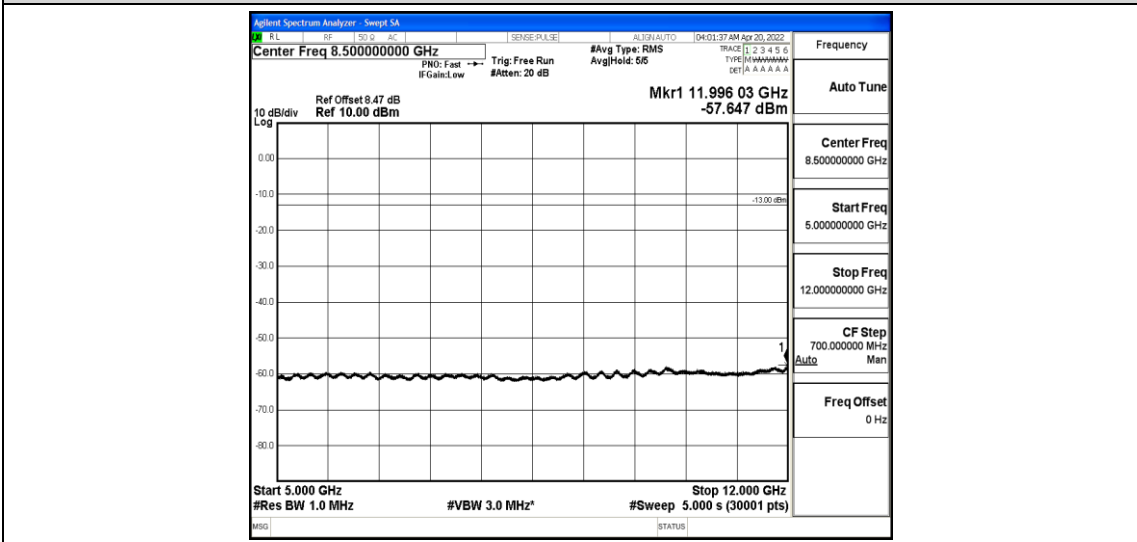
Band4-20MHz-16QAM-20175-1-0-Low-12000-26500--42.98-PASS



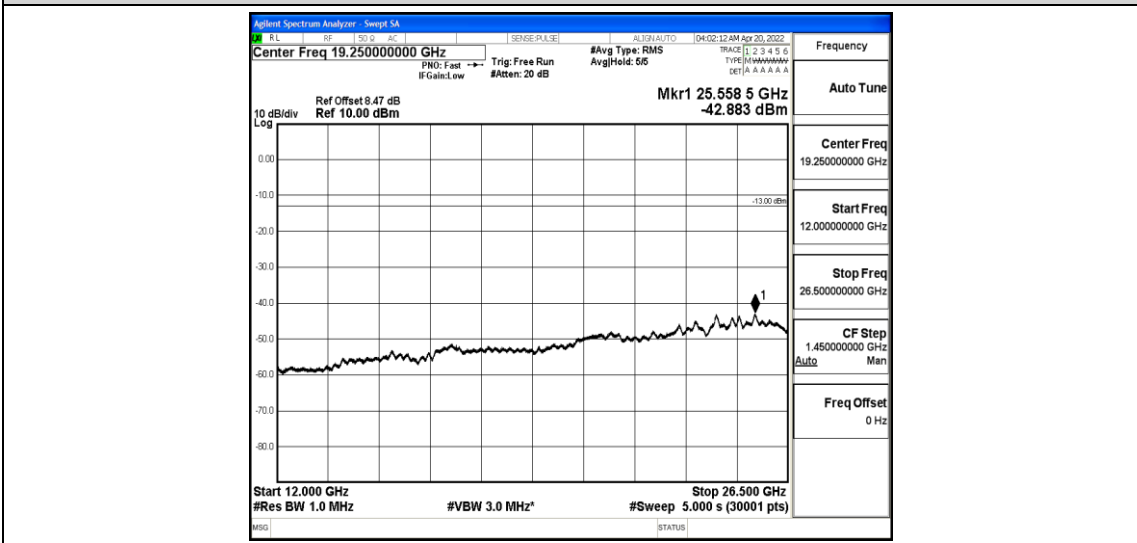
Band4-20MHz-16QAM-20300-1-0-High-30-1000--34.73-PASS



Band4-20MHz-16QAM-20300-1-0-High-1000-5000--39.93-PASS



Band4-20MHz-16QAM-20300-1-0-High-5000-12000--57.65-PASS



Band4-20MHz-16QAM-20300-1-0-High-12000-26500--42.88-PASS

Appendix F: Frequency Stability for M1

Test Result

Band	Bandwidth	Modulation	Channel	Voltage									Verdict
				RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)		
Band 4	1.4M Hz	1995 7	QPS K	6	0	Low	VL	NT	-13.06	-0.007634	±2.5	PASS	
Band 4	1.4M Hz	1995 7	QPS K	6	0	Low	VH	NT	-13.91	-0.008131	±2.5	PASS	
Band 4	1.4M Hz	1995 7	QPS K	6	0	Low	VN	NT	-11.86	-0.006933	±2.5	PASS	
Band 4	1.4M Hz	2017 5	QPS K	6	0	Low	VL	NT	15.80	0.009120	±2.5	PASS	
Band 4	1.4M Hz	2017 5	QPS K	6	0	Low	VH	NT	-17.74	-0.010240	±2.5	PASS	
Band 4	1.4M Hz	2017 5	QPS K	6	0	Low	VN	NT	-18.70	-0.010794	±2.5	PASS	
Band 4	1.4M Hz	2039 3	QPS K	6	0	High	VH	NT	-17.98	-0.010249	±2.5	PASS	
Band 4	1.4M Hz	2039 3	QPS K	6	0	High	VN	NT	-18.77	-0.010699	±2.5	PASS	
Band 4	1.4M Hz	2039 3	QPS K	6	0	High	VL	NT	-13.72	-0.007821	±2.5	PASS	
Band 4	1.4M Hz	1995 7	16Q AM	6	0	Low	VH	NT	-12.26	-0.007167	±2.5	PASS	
Band 4	1.4M Hz	1995 7	16Q AM	6	0	Low	VL	NT	-13.09	-0.007652	±2.5	PASS	
Band 4	1.4M Hz	1995 7	16Q AM	6	0	Low	VN	NT	-13.27	-0.007757	±2.5	PASS	
Band 4	1.4M Hz	2017 5	16Q AM	6	0	Low	VL	NT	-19.18	-0.011071	±2.5	PASS	
Band 4	1.4M Hz	2017 5	16Q AM	6	0	Low	VH	NT	-18.97	-0.010949	±2.5	PASS	
Band 4	1.4M Hz	2017 5	16Q AM	6	0	Low	VN	NT	-15.01	-0.008664	±2.5	PASS	
Band 4	1.4M Hz	2039 3	16Q AM	6	0	High	VH	NT	-18.67	-0.010642	±2.5	PASS	
Band 4	1.4M Hz	2039 3	16Q AM	6	0	High	VN	NT	-19.04	-0.010853	±2.5	PASS	

Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hi gh	VL	NT	-14.6 2	-0.008 334	±2. 5	PA SS
Ban d4	3MH z	1996 5	QPS K	6	0	Lo w	VN	NT	-29.4 5	-0.017 207	±2. 5	PA SS
Ban d4	3MH z	1996 5	QPS K	6	0	Lo w	VL	NT	-24.9 8	-0.014 595	±2. 5	PA SS
Ban d4	3MH z	1996 5	QPS K	6	0	Lo w	VH	NT	-24.9 5	-0.014 578	±2. 5	PA SS
Ban d4	3MH z	2017 5	QPS K	6	0	Lo w	VN	NT	-16.4 2	-0.009 478	±2. 5	PA SS
Ban d4	3MH z	2017 5	QPS K	6	0	Lo w	VL	NT	-14.2 3	-0.008 214	±2. 5	PA SS
Ban d4	3MH z	2017 5	QPS K	6	0	Lo w	VH	NT	-13.1 7	-0.007 602	±2. 5	PA SS
Ban d4	3MH z	2038 5	QPS K	6	0	Hi gh	VN	NT	-15.0 8	-0.008 600	±2. 5	PA SS
Ban d4	3MH z	2038 5	QPS K	6	0	Hi gh	VH	NT	-15.6 6	-0.008 931	±2. 5	PA SS
Ban d4	3MH z	2038 5	QPS K	6	0	Hi gh	VL	NT	-14.4 4	-0.008 235	±2. 5	PA SS
Ban d4	3MH z	1996 5	16Q AM	6	0	Lo w	VN	NT	-28.8 7	-0.016 868	±2. 5	PA SS
Ban d4	3MH z	1996 5	16Q AM	6	0	Lo w	VL	NT	-26.2 7	-0.015 349	±2. 5	PA SS
Ban d4	3MH z	1996 5	16Q AM	6	0	Lo w	VH	NT	-27.6 4	-0.016 150	±2. 5	PA SS
Ban d4	3MH z	2017 5	16Q AM	6	0	Lo w	VN	NT	12.04	0.006 949	±2. 5	PA SS
Ban d4	3MH z	2017 5	16Q AM	6	0	Lo w	VL	NT	12.60	0.007 273	±2. 5	PA SS
Ban d4	3MH z	2017 5	16Q AM	6	0	Lo w	VH	NT	-13.7 1	-0.007 913	±2. 5	PA SS
Ban d4	3MH z	2038 5	16Q AM	6	0	Hi gh	VN	NT	14.36	0.008 189	±2. 5	PA SS
Ban d4	3MH z	2038 5	16Q AM	6	0	Hi gh	VL	NT	-13.8 9	-0.007 921	±2. 5	PA SS
Ban d4	3MH z	2038 5	16Q AM	6	0	Hi gh	VH	NT	-12.3 3	-0.007 032	±2. 5	PA SS
Ban d4	5MH z	1997 5	QPS K	6	0	Lo w	VN	NT	-11.0 8	-0.006 470	±2. 5	PA SS
Ban d4	5MH z	1997 5	QPS K	6	0	Lo w	VL	NT	-10.1 6	-0.005 933	±2. 5	PA SS
Ban d4	5MH z	1997 5	QPS K	6	0	Lo w	VH	NT	-9.84	-0.005	±2.	PA

d4	z	5	K			w				746	5	SS
Ban d4	5MH z	2017 5	QPS K	6	0	Lo w	VN	NT	10.39	0.005 997	±2. 5	PA SS
Ban d4	5MH z	2017 5	QPS K	6	0	Lo w	VH	NT	10.14	0.005 853	±2. 5	PA SS
Ban d4	5MH z	2017 5	QPS K	6	0	Lo w	VL	NT	6.08	0.003 509	±2. 5	PA SS
Ban d4	5MH z	2037 5	QPS K	6	0	Hi gh	VN	NT	-7.44	-0.004 245	±2. 5	PA SS
Ban d4	5MH z	2037 5	QPS K	6	0	Hi gh	VL	NT	-7.80	-0.004 451	±2. 5	PA SS
Ban d4	5MH z	2037 5	QPS K	6	0	Hi gh	VH	NT	-6.17	-0.003 521	±2. 5	PA SS
Ban d4	5MH z	1997 5	16Q AM	6	0	Lo w	VL	NT	-7.90	-0.004 613	±2. 5	PA SS
Ban d4	5MH z	1997 5	16Q AM	6	0	Lo w	VN	NT	-8.90	-0.005 197	±2. 5	PA SS
Ban d4	5MH z	1997 5	16Q AM	6	0	Lo w	VH	NT	-8.95	-0.005 226	±2. 5	PA SS
Ban d4	5MH z	2017 5	16Q AM	6	0	Lo w	VN	NT	11.85	0.006 840	±2. 5	PA SS
Ban d4	5MH z	2017 5	16Q AM	6	0	Lo w	VL	NT	7.82	0.004 514	±2. 5	PA SS
Ban d4	5MH z	2017 5	16Q AM	6	0	Lo w	VH	NT	9.39	0.005 420	±2. 5	PA SS
Ban d4	5MH z	2037 5	16Q AM	6	0	Hi gh	VL	NT	-8.94	-0.005 101	±2. 5	PA SS
Ban d4	5MH z	2037 5	16Q AM	6	0	Hi gh	VN	NT	-5.16	-0.002 944	±2. 5	PA SS
Ban d4	5MH z	2037 5	16Q AM	6	0	Hi gh	VH	NT	-7.96	-0.004 542	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	VL	NT	7.85	0.004 577	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	VH	NT	7.62	0.004 443	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	VN	NT	7.88	0.004 595	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	VL	NT	15.30	0.008 831	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	VH	NT	12.50	0.007 215	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	VN	NT	12.91	0.007 452	±2. 5	PA SS

Ban d4	10M Hz	2035 0	QPS K	6	0	High	VH	NT	-10.9 1	-0.006 234	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	High	VN	NT	-9.88	-0.005 646	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	High	VL	NT	-8.06	-0.004 606	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Low	VH	NT	8.59	0.005 009	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Low	VL	NT	8.09	0.004 717	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Low	VN	NT	6.61	0.003 854	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Low	VL	NT	12.25	0.007 071	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Low	VH	NT	9.53	0.005 501	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Low	VN	NT	13.42	0.007 746	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	High	VH	NT	-9.27	-0.005 297	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	High	VN	NT	-8.07	-0.004 611	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	High	VL	NT	-10.9 1	-0.006 234	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Low	VN	NT	8.37	0.004 873	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Low	VL	NT	7.05	0.004 105	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Low	VH	NT	7.95	0.004 629	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Low	VN	NT	8.98	0.005 183	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Low	VL	NT	6.63	0.003 827	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Low	VH	NT	10.06	0.005 807	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	High	VN	NT	5.76	0.003 296	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	High	VH	NT	4.22	0.002 415	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	High	VL	NT	7.39	0.004 229	±2. 5	PA SS
Ban d4	15M Hz	2002	16Q	6	0	Lo	VN	NT	10.55	0.006	±2.	PA

d4	Hz	5	AM			w				143	5	SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	VL	NT	7.82	0.004 553	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	VH	NT	10.04	0.005 846	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	VN	NT	7.16	0.004 133	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	VL	NT	7.65	0.004 416	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	VH	NT	9.48	0.005 472	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hi gh	VN	NT	-4.86	-0.002 781	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hi gh	VL	NT	4.89	0.002 798	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hi gh	VH	NT	7.12	0.004 074	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	VN	NT	-12.5 0	-0.007 267	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	VL	NT	-7.72	-0.004 488	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	VH	NT	-9.87	-0.005 738	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	VN	NT	7.89	0.004 554	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	VH	NT	-3.53	-0.002 038	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	VL	NT	5.44	0.003 140	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hi gh	VN	NT	-7.24	-0.004 149	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hi gh	VL	NT	-6.51	-0.003 731	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hi gh	VH	NT	-7.21	-0.004 132	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	VL	NT	-14.4 7	-0.008 413	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	VN	NT	-12.3 5	-0.007 180	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	VH	NT	-14.0 5	-0.008 169	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	VN	NT	7.19	0.004 150	±2. 5	PA SS

Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	VL	NT	5.78	0.003 336	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	VH	NT	8.20	0.004 733	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hi gh	VH	NT	-3.60	-0.002 063	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hi gh	VN	NT	-9.58	-0.005 490	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hi gh	VL	NT	-6.54	-0.003 748	±2. 5	PA SS

Band	Bandwidth	Modulation	Channel	Temperature									Verdict
				R B Size	RB Start	NB Index	Volta ge [Vdc]	Temper ature (°C)	Deviat ion (Hz)	Deviati on (ppm)	Lim it (ppm)		
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	40	-13.9 4	-0.008 149	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	50	-12.4 6	-0.007 284	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	30	-11.8 9	-0.006 950	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	20	-11.5 0	-0.006 722	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	10	-13.2 9	-0.007 769	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	0	-11.8 7	-0.006 939	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	-10	-12.3 8	-0.007 237	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	-20	-11.6 3	-0.006 798	±2. 5	PA SS	
Ban d4	1.4M Hz	1995 7	QPS K	6	0	Lo w	NV	-30	-12.5 7	-0.007 348	±2. 5	PA SS	
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	20	-17.6 5	-0.010 188	±2. 5	PA SS	
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	-30	-19.0 9	-0.011 019	±2. 5	PA SS	
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	50	-18.6 3	-0.010 753	±2. 5	PA SS	
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	30	-19.1 0	-0.011 025	±2. 5	PA SS	
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	10	-16.0 0	-0.009 235	±2. 5	PA SS	

Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	0	-15.2 2	-0.008 785	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	-10	-17.6 8	-0.010 205	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	-20	-15.4 7	-0.008 929	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	QPS K	6	0	Lo w	NV	40	-17.8 4	-0.010 297	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	40	-17.2 1	-0.009 810	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	-20	-19.1 4	-0.010 910	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	-10	-17.7 3	-0.010 107	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	0	-19.5 6	-0.011 150	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	10	-19.3 7	-0.011 041	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	20	-18.9 0	-0.010 774	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	-30	-15.7 2	-0.008 961	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	30	-17.6 7	-0.010 072	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	QPS K	6	0	Hig h	NV	50	-18.1 9	-0.010 369	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	-30	-11.5 7	-0.006 763	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	-10	-11.8 3	-0.006 915	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	0	-12.1 5	-0.007 102	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	10	-12.8 3	-0.007 500	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	50	-13.4 1	-0.007 839	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	20	-11.9 7	-0.006 997	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	30	-10.6 8	-0.006 243	±2. 5	PA SS
Ban d4	1.4M Hz	1995 7	16Q AM	6	0	Lo w	NV	40	-7.86	-0.004 595	±2. 5	PA SS
Ban d4	1.4M Hz	1995	16Q	6	0	Lo	NV	-20	-14.0	-0.008	±2.	PA

d4	Hz	7	AM			w			2	195	5	SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	20	-18.5 1	-0.010 684	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	50	-17.5 2	-0.010 113	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	30	-17.9 6	-0.010 367	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	10	-17.5 9	-0.010 153	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	0	-15.6 0	-0.009 004	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	-10	-17.2 7	-0.009 968	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	-20	-19.1 3	-0.011 042	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	-30	-19.0 2	-0.010 978	±2. 5	PA SS
Ban d4	1.4M Hz	2017 5	16Q AM	6	0	Lo w	NV	40	-17.8 5	-0.010 303	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	20	-20.7 3	-0.011 817	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	50	-16.8 2	-0.009 588	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	40	-14.7 2	-0.008 391	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	30	-20.1 5	-0.011 486	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	0	-20.0 3	-0.011 418	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	-10	-19.7 6	-0.011 264	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	-20	-17.1 8	-0.009 793	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	-30	-17.4 1	-0.009 924	±2. 5	PA SS
Ban d4	1.4M Hz	2039 3	16Q AM	6	0	Hig h	NV	10	-17.3 0	-0.009 861	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	30	-26.3 2	-0.015 378	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	40	-27.4 6	-0.016 044	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	20	-28.9 8	-0.016 933	±2. 5	PA SS

Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	10	-25.6 8	-0.015 004	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	0	-28.2 8	-0.016 524	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	-10	-27.4 5	-0.016 039	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	-20	-28.0 1	-0.016 366	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	-30	-27.1 1	-0.015 840	±2. 5	PA SS
Ban d4	3MHz	1996 5	QPS K	6	0	Lo w	NV	50	-26.1 3	-0.015 267	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	-30	-12.9 7	-0.007 486	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	40	-13.6 0	-0.007 850	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	30	-13.9 6	-0.008 058	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	20	-15.1 5	-0.008 745	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	10	-14.6 7	-0.008 468	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	0	12.64	0.0072 96	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	-10	-14.8 6	-0.008 577	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	50	-13.1 9	-0.007 613	±2. 5	PA SS
Ban d4	3MHz	2017 5	QPS K	6	0	Lo w	NV	-20	-11.0 9	-0.006 401	±2. 5	PA SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	-10	-14.4 8	-0.008 258	±2. 5	PA SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	40	-12.7 3	-0.007 260	±2. 5	PA SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	30	-16.5 6	-0.009 444	±2. 5	PA SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	20	-14.7 6	-0.008 417	±2. 5	PA SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	50	-11.9 3	-0.006 804	±2. 5	PA SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	0	-15.5 4	-0.008 862	±2. 5	PA SS
Ban	3MHz	2038	QPS	6	0	Hig	NV	-20	-13.1	-0.007	±2.	PA

d4		5	K			h			7	511	5	SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	-30	-13.8 3	-0.007 887	±2. 5	PA SS
Ban d4	3MHz	2038 5	QPS K	6	0	Hig h	NV	10	-12.5 8	-0.007 174	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	20	-25.6 5	-0.014 987	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	50	-25.0 9	-0.014 660	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	30	-24.0 4	-0.014 046	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	10	-28.0 9	-0.016 413	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	0	-28.6 3	-0.016 728	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	-10	-28.9 8	-0.016 933	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	-20	-28.9 3	-0.016 903	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	-30	-29.0 3	-0.016 962	±2. 5	PA SS
Ban d4	3MHz	1996 5	16Q AM	6	0	Lo w	NV	40	-29.9 4	-0.017 493	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	40	-12.9 7	-0.007 486	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	30	-18.6 9	-0.010 788	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	20	-12.5 8	-0.007 261	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	10	-16.3 9	-0.009 460	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	0	-15.8 4	-0.009 143	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	-10	-12.2 8	-0.007 088	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	-20	12.10	0.0069 84	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	-30	-12.6 3	-0.007 290	±2. 5	PA SS
Ban d4	3MHz	2017 5	16Q AM	6	0	Lo w	NV	50	-12.7 9	-0.007 382	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	-20	10.81	0.0061 65	±2. 5	PA SS

Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	40	-12.7 3	-0.007 260	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	30	-14.7 4	-0.008 406	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	20	-16.3 2	-0.009 307	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	10	11.58	0.0066 04	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	-10	-16.5 0	-0.009 410	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	50	-14.8 0	-0.008 440	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	-30	-12.7 6	-0.007 277	±2. 5	PA SS
Ban d4	3MHz	2038 5	16Q AM	6	0	Hig h	NV	0	-16.5 6	-0.009 444	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	20	-9.38	-0.005 477	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	50	-10.0 0	-0.005 839	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	40	-8.83	-0.005 156	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	30	-9.38	-0.005 477	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	10	-8.11	-0.004 736	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	0	-11.3 1	-0.006 604	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	-10	-8.61	-0.005 028	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	-30	-8.94	-0.005 220	±2. 5	PA SS
Ban d4	5MHz	1997 5	QPS K	6	0	Lo w	NV	-20	-8.36	-0.004 882	±2. 5	PA SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	-30	10.65	0.0061 47	±2. 5	PA SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	40	8.26	0.0047 68	±2. 5	PA SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	30	7.83	0.0045 19	±2. 5	PA SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	20	6.47	0.0037 34	±2. 5	PA SS
Ban d4	5MHz	2017	QPS	6	0	Lo	NV	10	10.81	0.0062	±2.	PA

d4		5	K			w				40	5	SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	0	7.75	0.0044 73	±2. 5	PA SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	-10	8.07	0.0046 58	±2. 5	PA SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	50	8.32	0.0048 02	±2. 5	PA SS
Ban d4	5MHz	2017 5	QPS K	6	0	Lo w	NV	-20	8.47	0.0048 89	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	-30	-7.41	-0.004 228	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	50	-6.93	-0.003 954	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	40	-5.85	-0.003 338	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	30	-7.35	-0.004 194	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	20	-7.12	-0.004 063	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	10	-4.99	-0.002 847	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	0	-5.57	-0.003 178	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	-10	-5.21	-0.002 973	±2. 5	PA SS
Ban d4	5MHz	2037 5	QPS K	6	0	Hig h	NV	-20	-7.27	-0.004 148	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	-20	-8.43	-0.004 923	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	30	-8.40	-0.004 905	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	20	-10.0 0	-0.005 839	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	10	-10.6 4	-0.006 213	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	-10	-9.30	-0.005 431	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	-30	-8.56	-0.004 999	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	50	-9.76	-0.005 699	±2. 5	PA SS
Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	40	-6.79	-0.003 965	±2. 5	PA SS

Ban d4	5MHz	1997 5	16Q AM	6	0	Lo w	NV	0	-9.42	-0.005 501	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	-10	7.39	0.0042 66	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	-20	8.70	0.0050 22	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	40	8.03	0.0046 35	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	0	10.24	0.0059 11	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	50	12.65	0.0073 02	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	10	10.09	0.0058 24	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	-30	12.61	0.0072 78	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	20	9.62	0.0055 53	±2. 5	PA SS
Ban d4	5MHz	2017 5	16Q AM	6	0	Lo w	NV	30	10.42	0.0060 14	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	40	-6.29	-0.003 589	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	-20	-6.44	-0.003 675	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	-10	-4.56	-0.002 602	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	0	-7.55	-0.004 308	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	10	3.67	0.0020 94	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	20	-5.25	-0.002 996	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	30	-8.52	-0.004 862	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	50	-6.34	-0.003 618	±2. 5	PA SS
Ban d4	5MHz	2037 5	16Q AM	6	0	Hig h	NV	-30	-7.55	-0.004 308	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	40	6.69	0.0039 01	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	50	6.49	0.0037 84	±2. 5	PA SS
Ban d4	10M	2000	QPS	6	0	Lo	NV	30	6.77	0.0039	±2.	PA

d4	Hz	0	K			w				48	5	SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	20	8.29	0.0048 34	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	10	9.52	0.0055 51	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	0	5.89	0.0034 34	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	-10	-6.56	-0.003 825	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	-20	6.42	0.0037 43	±2. 5	PA SS
Ban d4	10M Hz	2000 0	QPS K	6	0	Lo w	NV	-30	7.37	0.0042 97	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	20	12.39	0.0071 52	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	-30	10.44	0.0060 26	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	50	9.67	0.0055 82	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	30	12.48	0.0072 03	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	10	11.94	0.0068 92	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	0	11.02	0.0063 61	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	-10	13.37	0.0077 17	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	-20	12.32	0.0071 11	±2. 5	PA SS
Ban d4	10M Hz	2017 5	QPS K	6	0	Lo w	NV	40	14.82	0.0085 54	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	40	-9.17	-0.005 240	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	-20	-9.45	-0.005 400	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	-10	-6.34	-0.003 623	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	0	-7.83	-0.004 474	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	10	-8.23	-0.004 703	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	20	-10.5 0	-0.006 000	±2. 5	PA SS

Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	-30	-10.1 1	-0.005 777	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	30	-10.5 1	-0.006 006	±2. 5	PA SS
Ban d4	10M Hz	2035 0	QPS K	6	0	Hig h	NV	50	-11.2 3	-0.006 417	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	-30	7.70	0.0044 90	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	-10	6.62	0.0038 60	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	0	8.37	0.0048 80	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	10	7.84	0.0045 71	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	50	7.10	0.0041 40	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	20	6.50	0.0037 90	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	30	7.79	0.0045 42	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	40	6.62	0.0038 60	±2. 5	PA SS
Ban d4	10M Hz	2000 0	16Q AM	6	0	Lo w	NV	-20	7.82	0.0045 60	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	20	11.47	0.0066 20	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	50	10.94	0.0063 15	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	30	9.22	0.0053 22	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	10	13.56	0.0078 27	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	0	7.10	0.0040 98	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	-10	9.05	0.0052 24	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	-20	11.36	0.0065 57	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	-30	12.31	0.0071 05	±2. 5	PA SS
Ban d4	10M Hz	2017 5	16Q AM	6	0	Lo w	NV	40	13.75	0.0079 37	±2. 5	PA SS
Ban d4	10M	2035	16Q	6	0	Hig	NV	20	-9.29	-0.005	±2.	PA

d4	Hz	0	AM			h				309	5	SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	50	-8.39	-0.004 794	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	40	-8.73	-0.004 989	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	30	-8.51	-0.004 863	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	0	-6.28	-0.003 589	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	-10	-7.73	-0.004 417	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	-20	-5.14	-0.002 937	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	-30	-8.21	-0.004 691	±2. 5	PA SS
Ban d4	10M Hz	2035 0	16Q AM	6	0	Hig h	NV	10	-8.14	-0.004 651	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	30	9.44	0.0054 96	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	40	9.23	0.0053 74	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	20	9.97	0.0058 05	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	10	9.57	0.0055 72	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	-10	9.78	0.0056 94	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	-20	9.01	0.0052 46	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	-30	9.61	0.0055 95	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	0	9.51	0.0055 37	±2. 5	PA SS
Ban d4	15M Hz	2002 5	QPS K	6	0	Lo w	NV	50	8.15	0.0047 45	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	20	9.46	0.0054 60	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	-30	6.98	0.0040 29	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	50	8.49	0.0049 00	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	-10	4.90	0.0028 28	±2. 5	PA SS

Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	10	8.98	0.0051 83	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	30	5.84	0.0033 71	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	40	6.28	0.0036 25	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	-20	9.22	0.0053 22	±2. 5	PA SS
Ban d4	15M Hz	2017 5	QPS K	6	0	Lo w	NV	0	10.12	0.0058 41	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	50	5.07	0.0029 01	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	-10	7.47	0.0042 75	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	30	5.79	0.0033 13	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	20	8.15	0.0046 64	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	40	6.34	0.0036 28	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	0	5.05	0.0028 90	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	-20	7.17	0.0041 03	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	-30	5.99	0.0034 28	±2. 5	PA SS
Ban d4	15M Hz	2032 5	QPS K	6	0	Hig h	NV	10	5.38	0.0030 79	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	20	8.27	0.0048 15	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	50	8.43	0.0049 08	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	30	8.82	0.0051 35	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	10	9.50	0.0055 31	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	0	9.44	0.0054 96	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	-10	7.86	0.0045 76	±2. 5	PA SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	-20	8.08	0.0047 05	±2. 5	PA SS
Ban	15M	2002	16Q	6	0	Lo	NV	-30	8.10	0.0047	±2.	PA

d4	Hz	5	AM			w				16	5	SS
Ban d4	15M Hz	2002 5	16Q AM	6	0	Lo w	NV	40	8.33	0.0048 50	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	40	6.30	0.0036 36	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	30	6.18	0.0035 67	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	20	8.97	0.0051 77	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	10	6.51	0.0037 58	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	0	7.70	0.0044 44	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	-10	7.32	0.0042 25	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	-30	10.37	0.0059 86	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	-20	10.76	0.0062 11	±2. 5	PA SS
Ban d4	15M Hz	2017 5	16Q AM	6	0	Lo w	NV	50	8.65	0.0049 93	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	-20	8.41	0.0048 13	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	40	3.86	0.0022 09	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	30	6.11	0.0034 96	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	20	6.47	0.0037 02	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	10	6.03	0.0034 51	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	-10	7.94	0.0045 44	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	50	5.38	0.0030 79	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	-30	6.82	0.0039 03	±2. 5	PA SS
Ban d4	15M Hz	2032 5	16Q AM	6	0	Hig h	NV	0	-5.16	-0.002 953	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	20	-13.2 7	-0.007 715	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	50	-14.0 2	-0.008 151	±2. 5	PA SS

Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	40	-12.7 7	-0.007 424	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	30	-13.8 9	-0.008 076	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	10	-13.1 0	-0.007 616	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	0	-11.5 8	-0.006 733	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	-10	-9.68	-0.005 628	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	-30	-8.43	-0.004 901	±2. 5	PA SS
Ban d4	20M Hz	2005 0	QPS K	6	0	Lo w	NV	-20	-11.0 1	-0.006 401	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	-30	9.23	0.0053 28	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	40	7.82	0.0045 14	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	30	10.11	0.0058 35	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	20	8.66	0.0049 99	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	10	7.66	0.0044 21	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	0	7.79	0.0044 96	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	-10	5.48	0.0031 63	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	50	8.01	0.0046 23	±2. 5	PA SS
Ban d4	20M Hz	2017 5	QPS K	6	0	Lo w	NV	-20	7.75	0.0044 73	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	-30	-4.33	-0.002 481	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	50	-4.55	-0.002 607	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	40	-8.06	-0.004 619	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	30	-5.86	-0.003 358	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	20	-8.58	-0.004 917	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	10	-8.15	-0.004	±2.	PA

d4	Hz	0	K			h				670	5	SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	0	-4.89	-0.002 802	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	-10	-7.99	-0.004 579	±2. 5	PA SS
Ban d4	20M Hz	2030 0	QPS K	6	0	Hig h	NV	-20	-5.45	-0.003 123	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	-20	-12.1 0	-0.007 035	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	30	-12.8 4	-0.007 465	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	20	-13.4 6	-0.007 826	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	10	-9.39	-0.005 459	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	-10	-13.1 7	-0.007 657	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	-30	-14.3 2	-0.008 326	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	50	-14.0 4	-0.008 163	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	40	-10.3 5	-0.006 017	±2. 5	PA SS
Ban d4	20M Hz	2005 0	16Q AM	6	0	Lo w	NV	0	-13.9 4	-0.008 105	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	-10	8.42	0.0048 60	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	-20	8.12	0.0046 87	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	40	8.49	0.0049 00	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	0	5.65	0.0032 61	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	50	9.34	0.0053 91	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	10	6.69	0.0038 61	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	-30	9.31	0.0053 74	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	20	7.75	0.0044 73	±2. 5	PA SS
Ban d4	20M Hz	2017 5	16Q AM	6	0	Lo w	NV	30	8.53	0.0049 24	±2. 5	PA SS

Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	50	-7.05	-0.004 040	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	-20	3.28	0.0018 80	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	-10	-6.46	-0.003 702	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	0	-8.08	-0.004 630	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	10	-4.62	-0.002 648	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	20	-6.20	-0.003 553	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	30	-4.36	-0.002 499	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	40	-4.65	-0.002 665	±2. 5	PA SS
Ban d4	20M Hz	2030 0	16Q AM	6	0	Hig h	NV	-30	-7.15	-0.004 097	±2. 5	PA SS