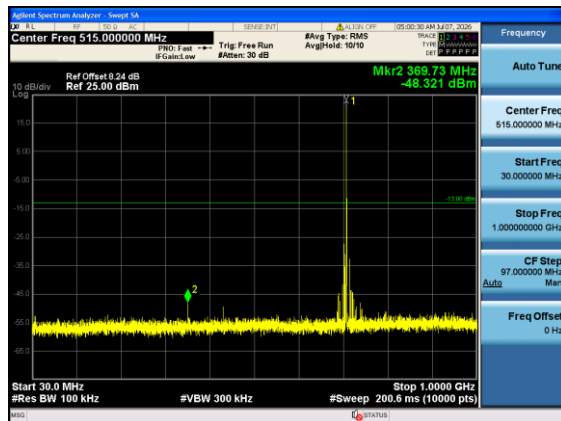
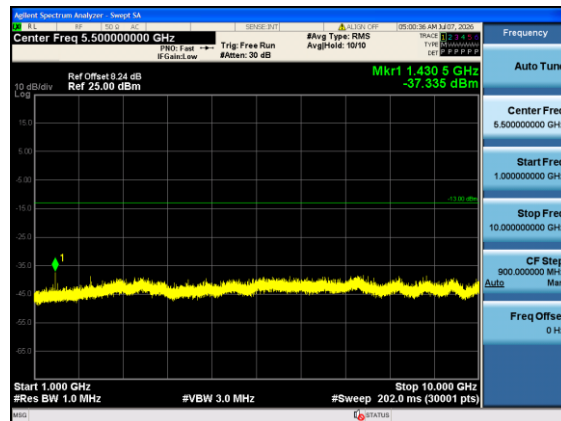
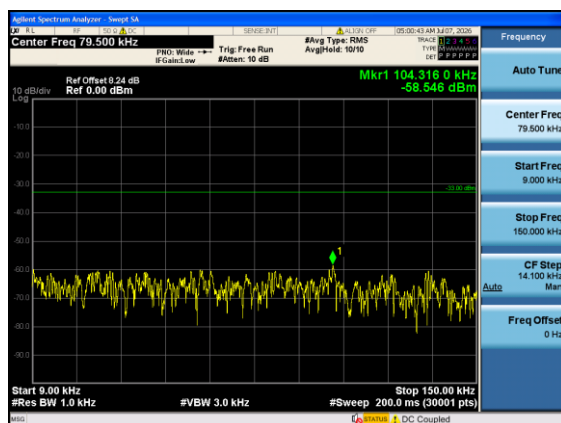




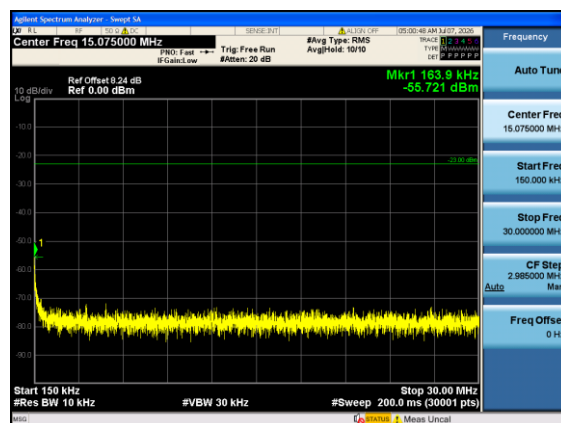
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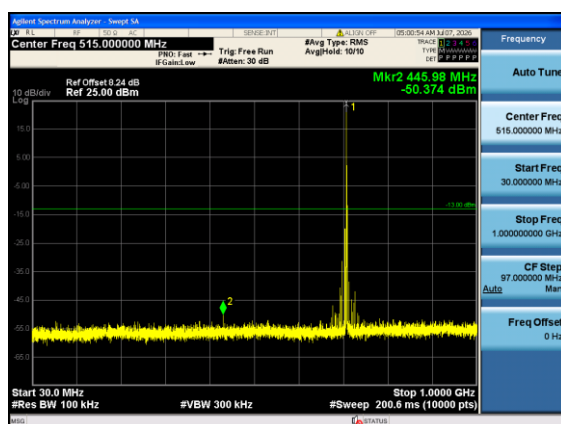
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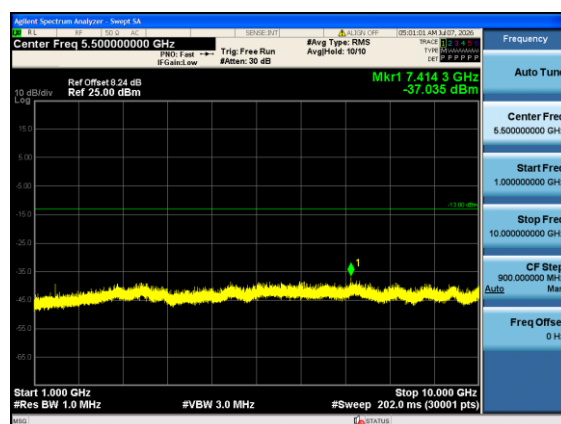
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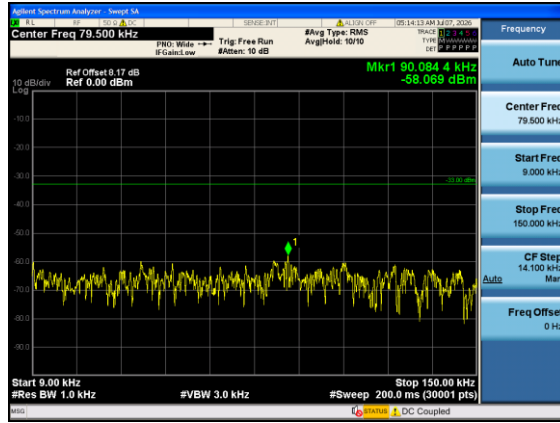
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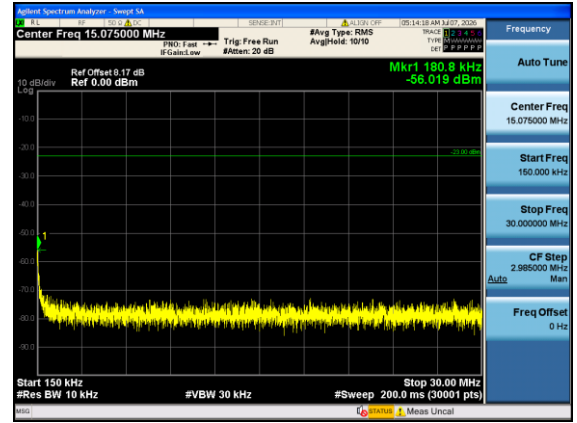
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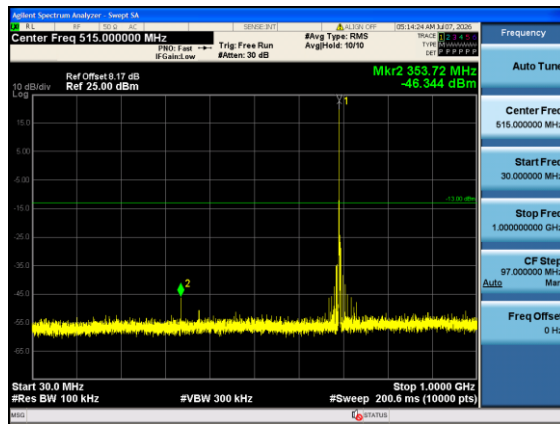
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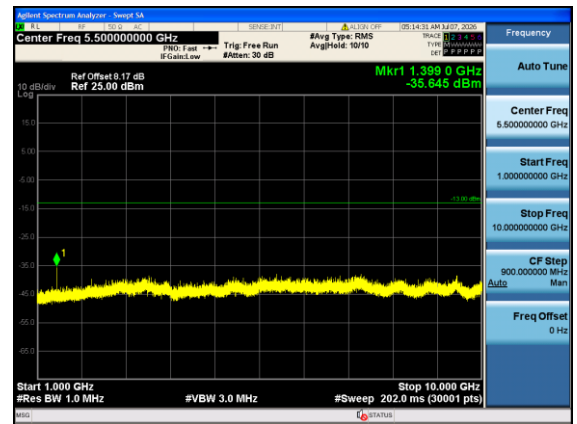
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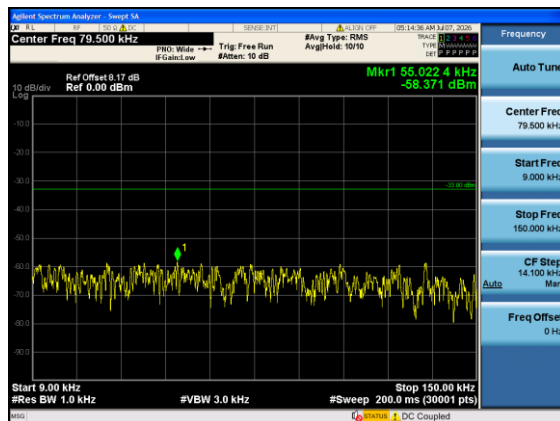
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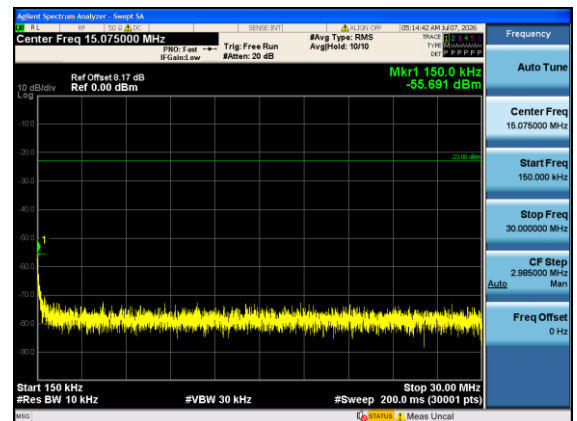
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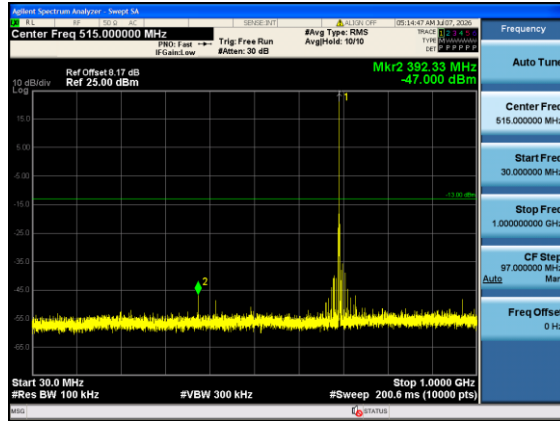
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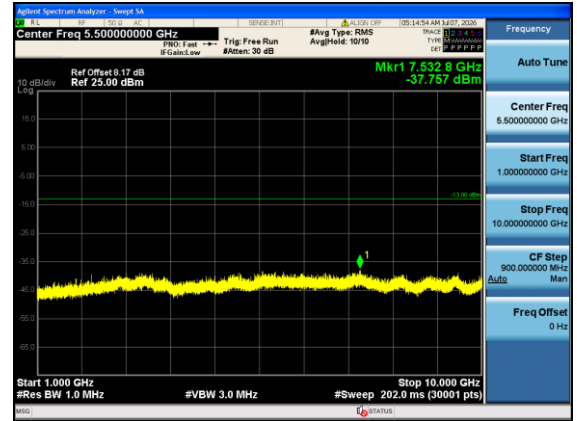
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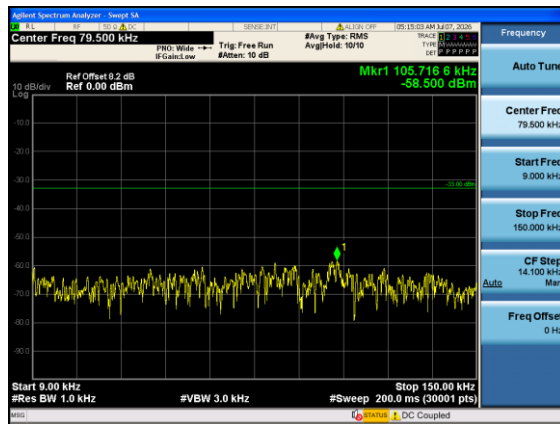
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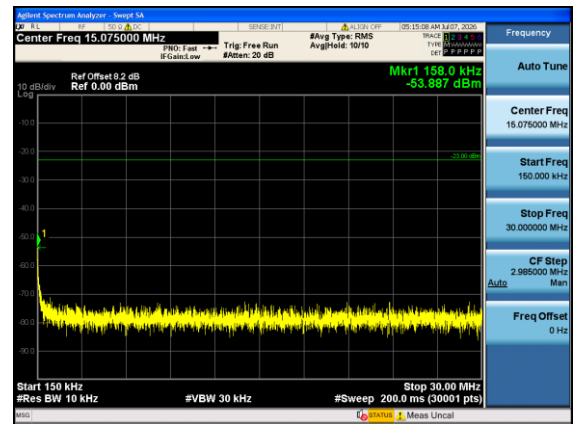
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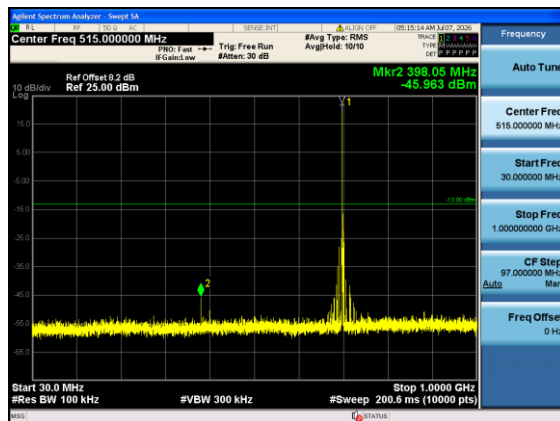
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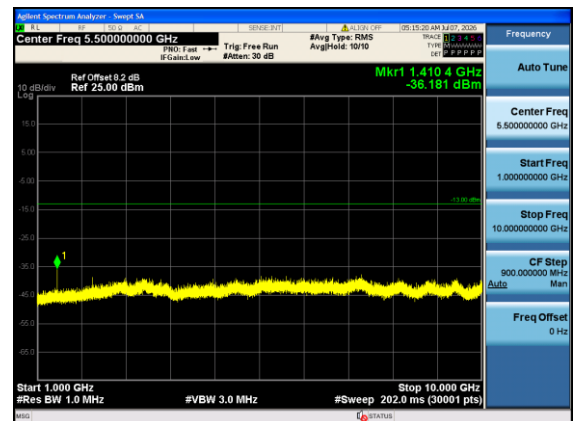
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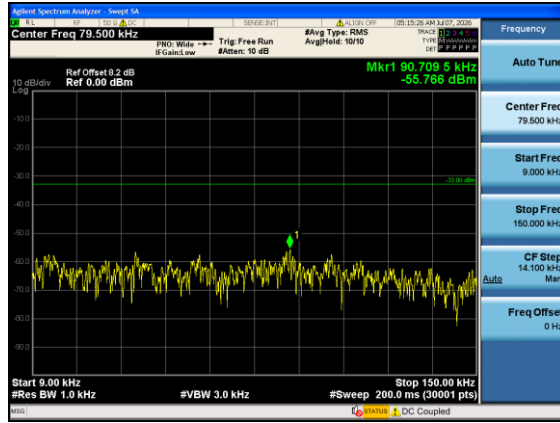


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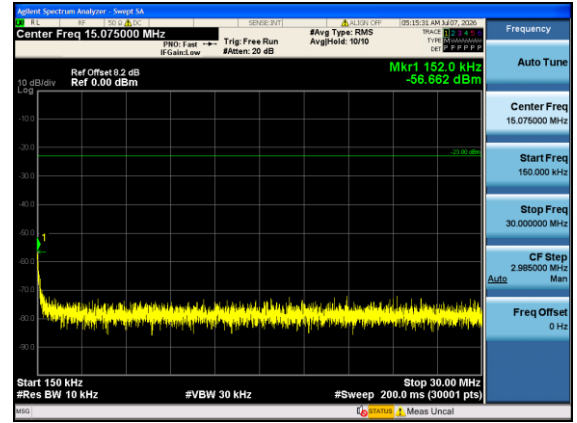


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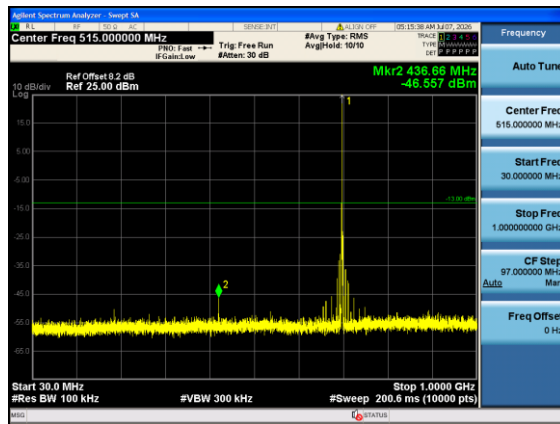
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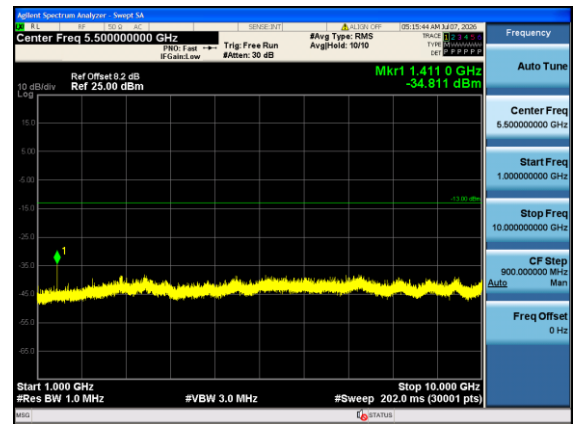
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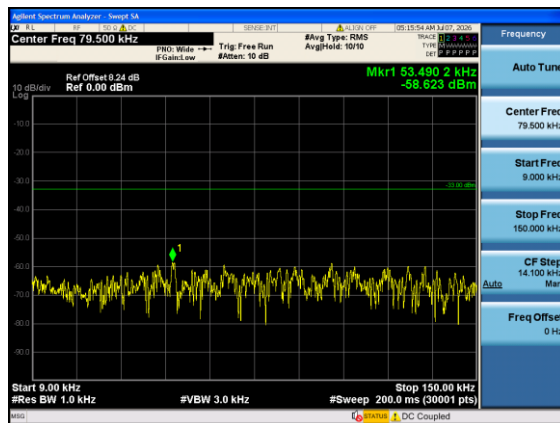
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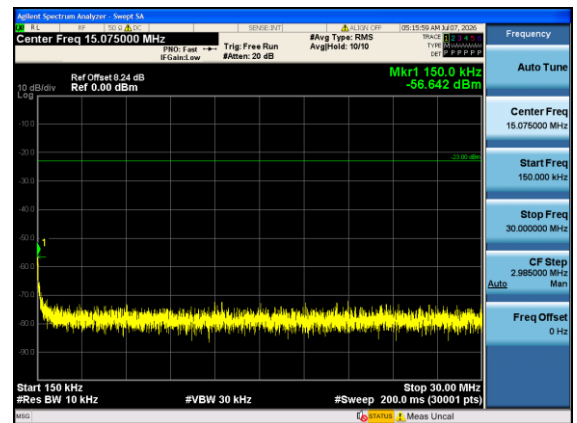
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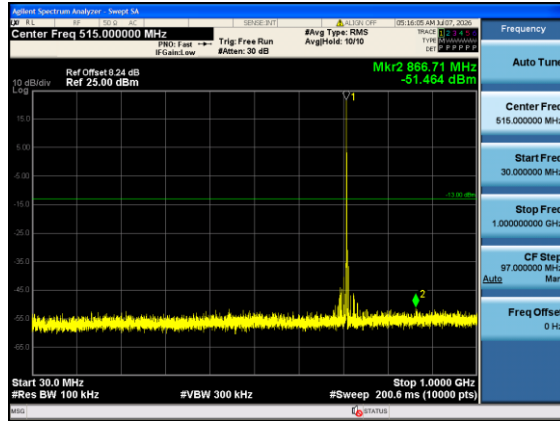
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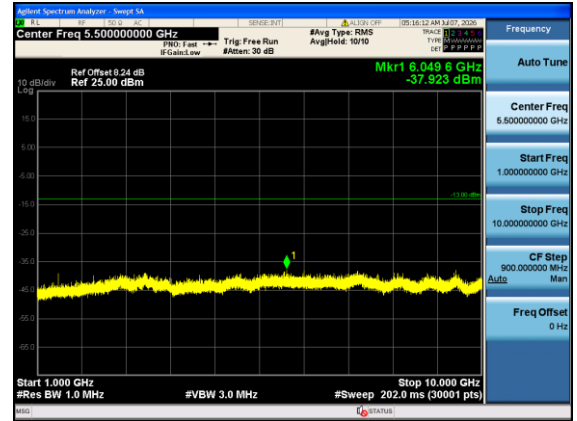
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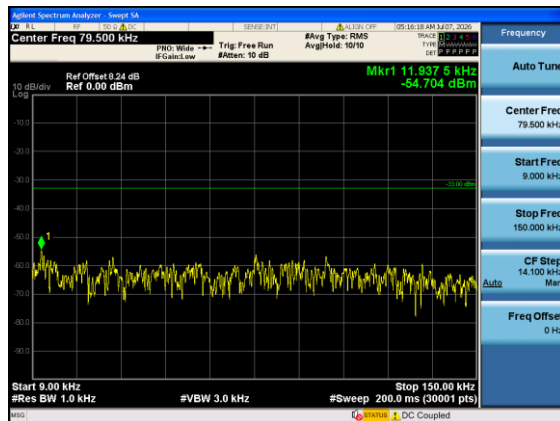
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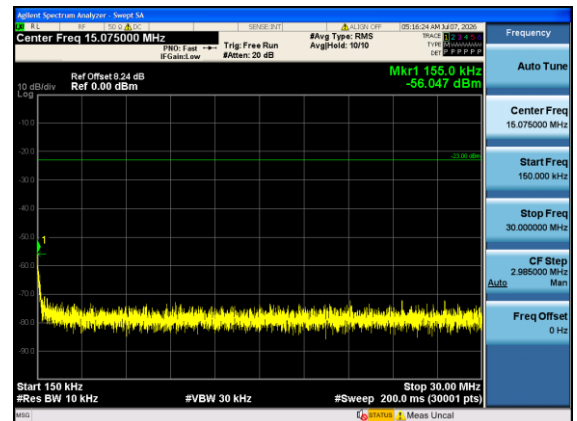
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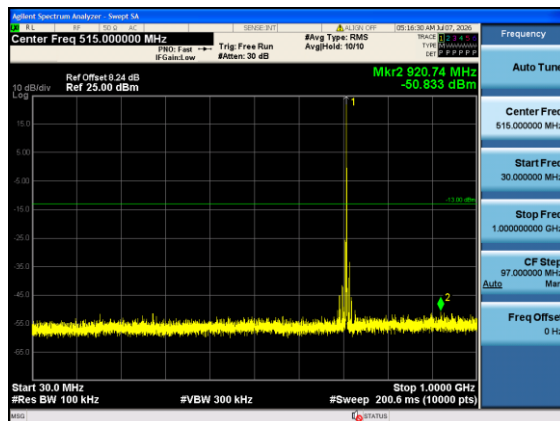
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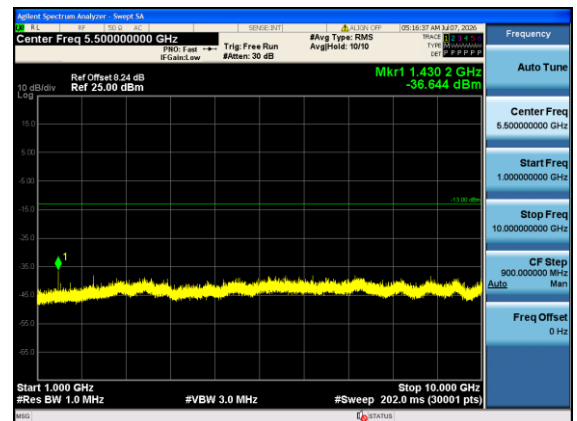
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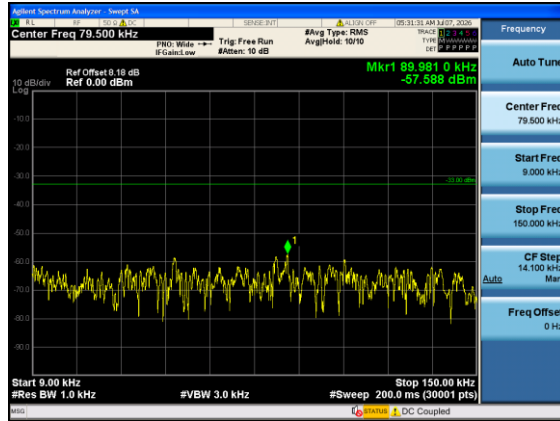
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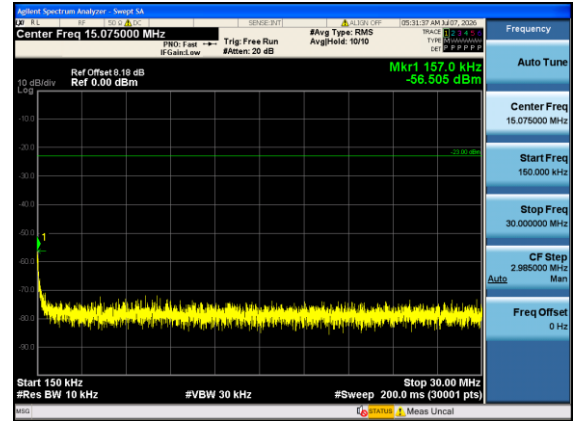
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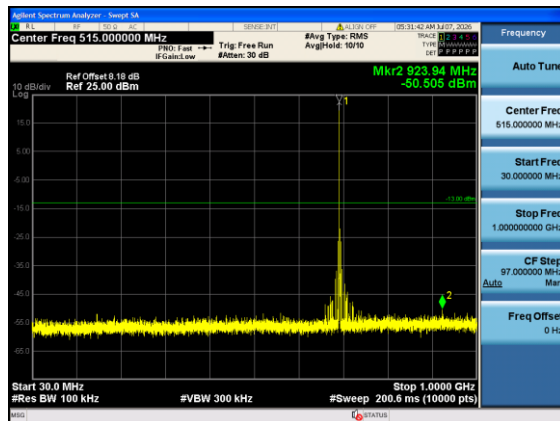
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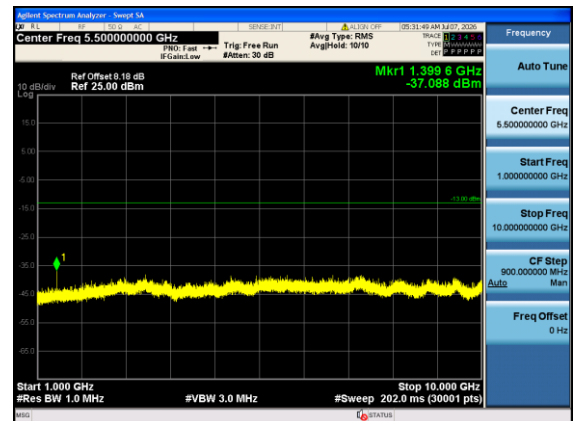
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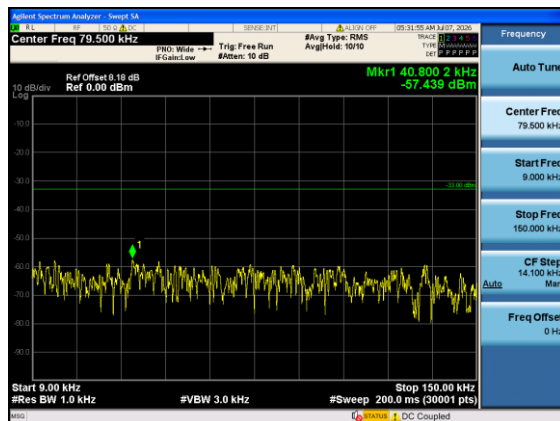
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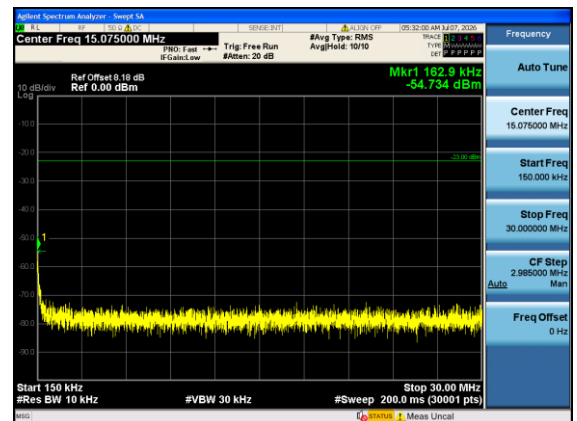
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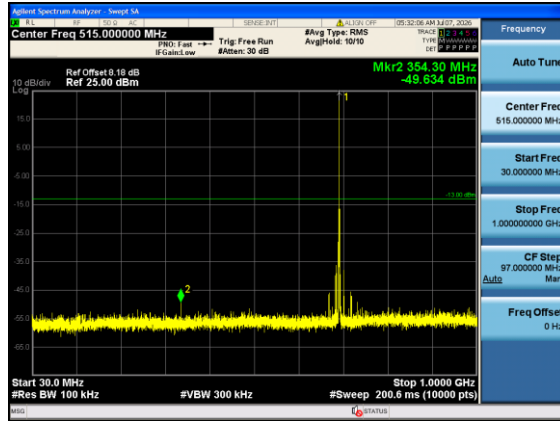
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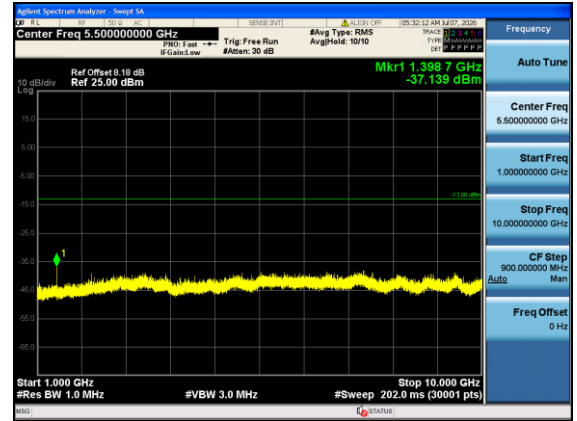
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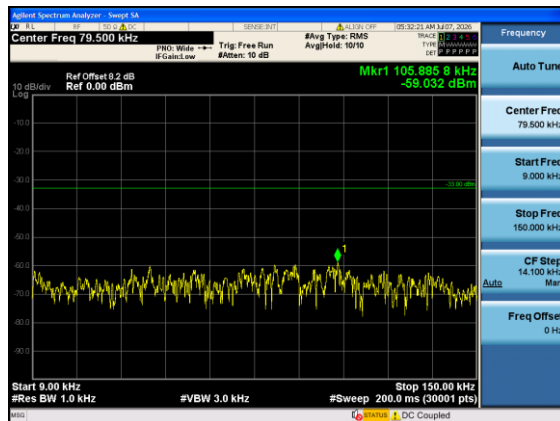
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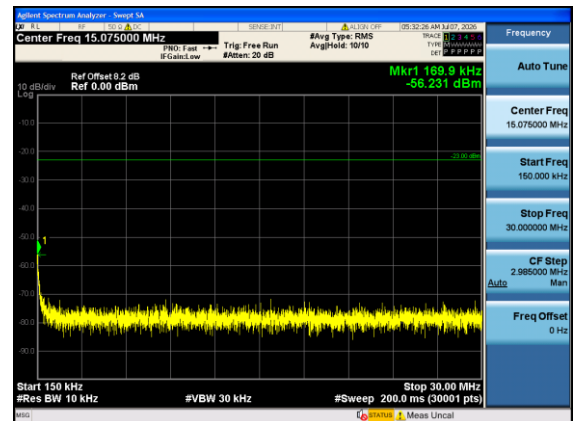
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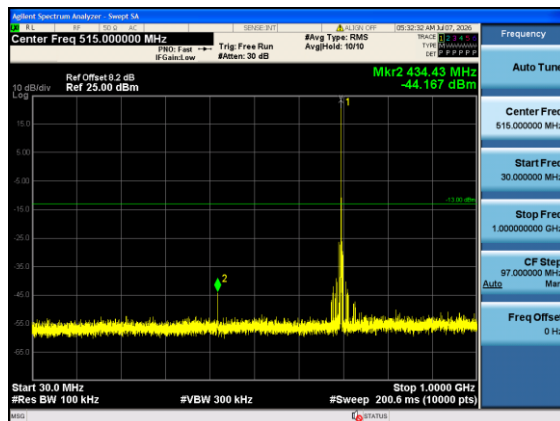
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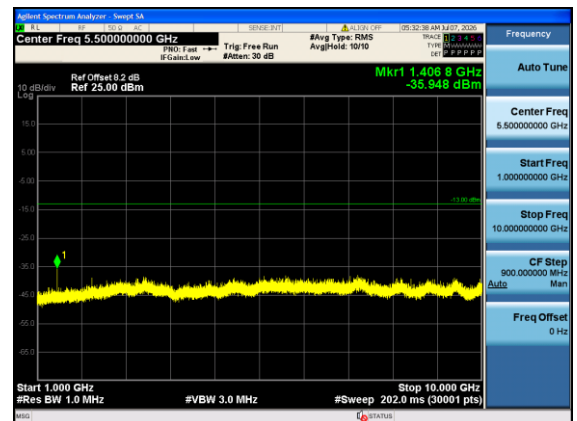
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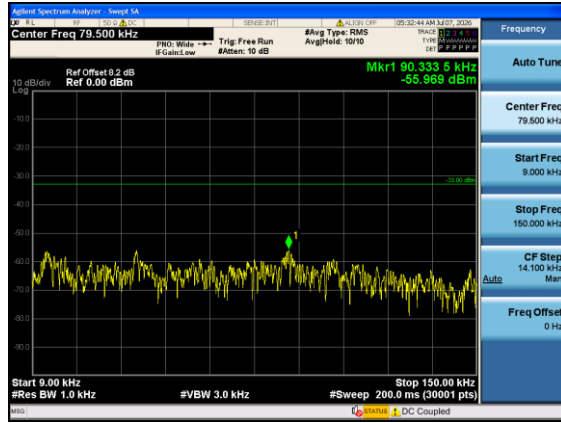
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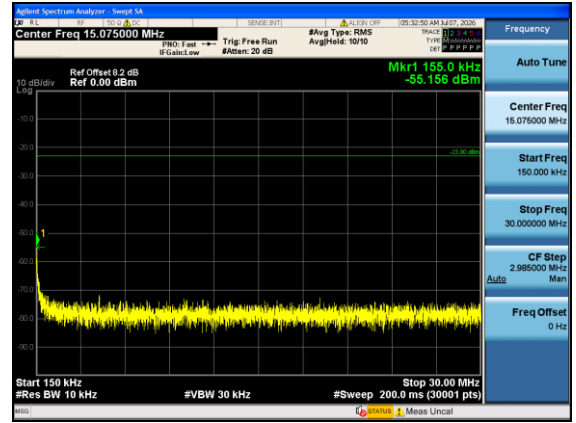
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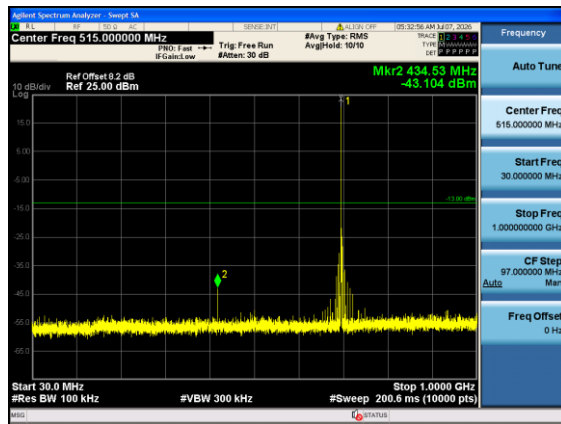
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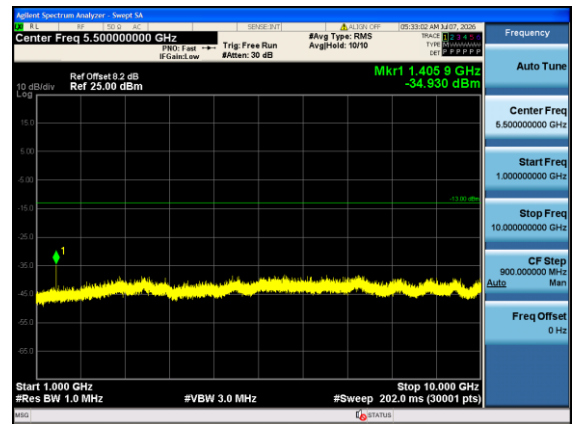
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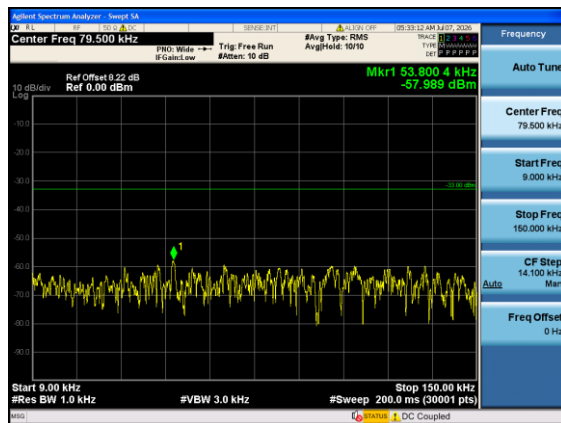
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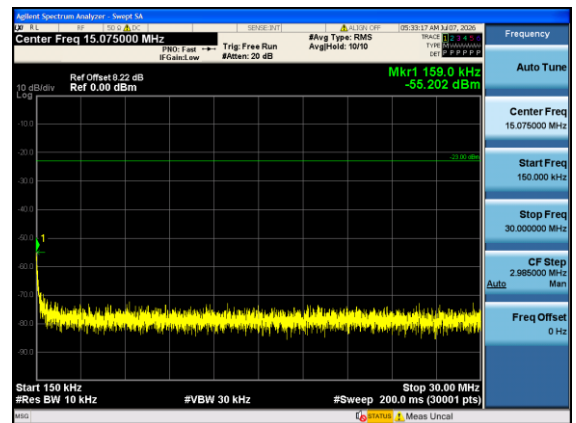
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Band12-10MHz-16QAM-23095-1#0-1000-10000-PASS



Band12-10MHz-QPSK-23130-1#5-0.009-0.15-PASS



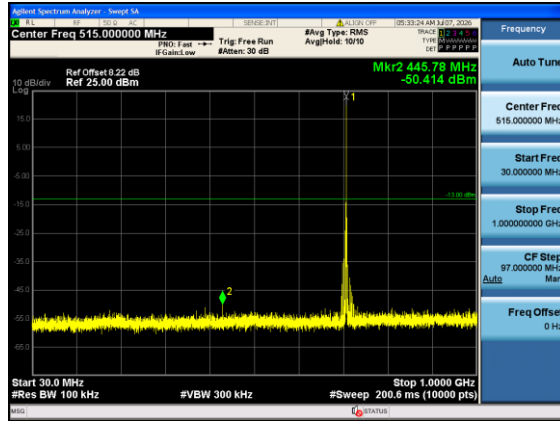
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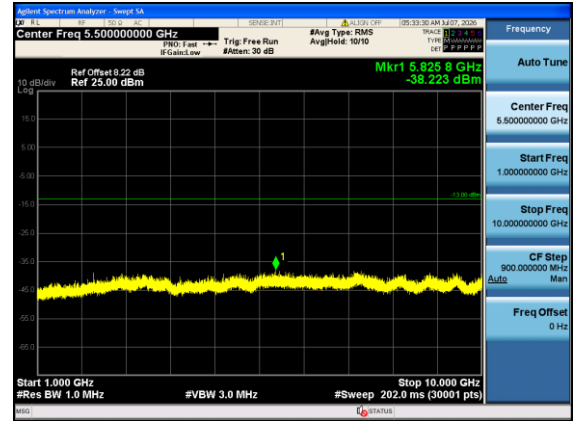
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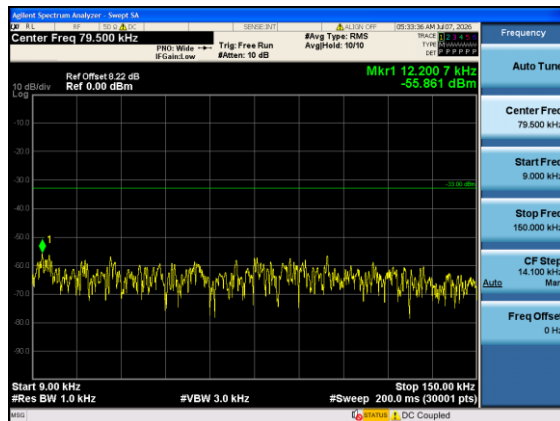
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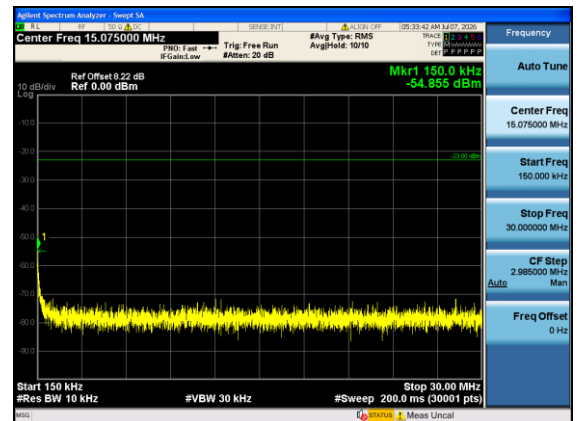
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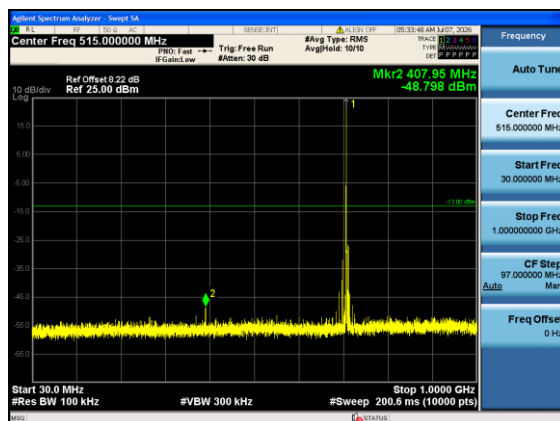
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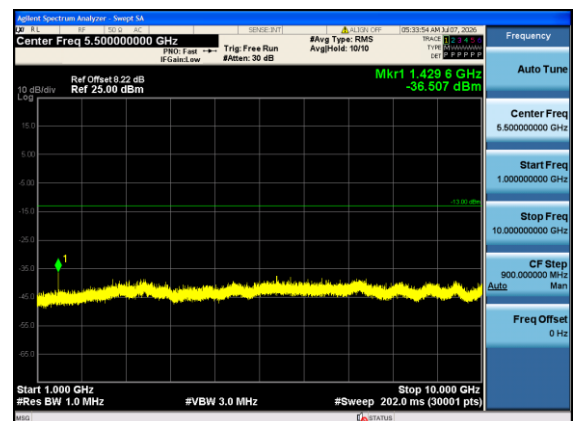
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Band12-10MHz-16QAM-23130-1#5-0.15-30-PASS



Band12-10MHz-16QAM-23130-1#5-30-1000-PASS



Band12-10MHz-16QAM-23130-1#5-1000-10000-PASS



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Appendix 6: Frequency Stability for Cat M1 Band 12

Test Result

Voltage												
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Voltage	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	23017	QPSK	6	0	Low	VN	NT	-5.16	-0.007375	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	VL	NT	-6.97	-0.009961	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	VH	NT	-5.44	-0.007775	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	VN	NT	-3.66	-0.005231	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	VL	NT	-3.92	-0.005602	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	VH	NT	-4.62	-0.006603	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	VN	NT	-7.85	-0.011095	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	VL	NT	-7.08	-0.010007	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	VH	NT	-7.84	-0.011081	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	VN	NT	-6.35	-0.008975	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	VL	NT	-7.11	-0.010049	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	VH	NT	-6.02	-0.008509	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	VN	NT	-8.20	-0.011464	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	VL	NT	-7.55	-0.010555	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	VH	NT	-7.22	-0.010094	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	VN	NT	-4.52	-0.006319	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	VL	NT	-4.51	-0.006305	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	VH	NT	-7.22	-0.010094	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	VN	NT	-3.33	-0.004754	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	VL	NT	-3.53	-0.005039	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	VH	NT	-3.08	-0.004397	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	VN	NT	-5.51	-0.007866	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	VL	NT	-3.48	-0.004968	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	VH	NT	-2.32	-0.003312	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	VN	NT	-5.62	-0.007943	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	VL	NT	-5.59	-0.007901	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	VH	NT	-6.51	-0.009201	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	VN	NT	-5.45	-0.007703	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	VL	NT	-4.84	-0.006841	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	VH	NT	-5.11	-0.007223	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	VN	NT	3.86	0.005402	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	VL	NT	2.86	0.004003	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	VH	NT	4.79	0.006704	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	VN	NT	3.56	0.004983	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	VL	NT	2.42	0.003387	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	VH	NT	2.62	0.003667	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	VN	NT	-5.65	-0.008054	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	VL	NT	-3.83	-0.005460	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	VH	NT	-3.12	-0.004448	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	VN	NT	-4.91	-0.006999	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	VL	NT	-5.16	-0.007356	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	VH	NT	-5.56	-0.007926	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	VN	NT	-5.45	-0.007703	±2.5	PASS



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Band12	5MHz	23095	QPSK	6	0	Low	VL	NT	-6.92	-0.009781	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	VH	NT	-3.05	-0.004311	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	VN	NT	2.45	0.003463	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	VL	NT	-2.36	-0.003336	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	VH	NT	-2.40	-0.003392	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	VN	NT	-5.06	-0.007092	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	VL	NT	-7.47	-0.010470	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	VH	NT	-6.78	-0.009502	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	VN	NT	-7.93	-0.011114	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	VL	NT	-5.29	-0.007414	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	VH	NT	-7.20	-0.010091	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	VN	NT	9.81	0.013935	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	VL	NT	8.07	0.011463	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	VH	NT	6.61	0.009389	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	VN	NT	5.76	0.008182	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	VL	NT	6.81	0.009673	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	VH	NT	7.44	0.010568	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	VN	NT	-3.46	-0.004890	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	VL	NT	-4.68	-0.006615	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	VH	NT	2.46	0.003477	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	VN	NT	5.25	0.007420	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	VL	NT	3.75	0.005300	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	VH	NT	3.32	0.004693	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	VN	NT	4.51	0.006343	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	VL	NT	4.82	0.006779	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	VH	NT	4.86	0.006835	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	VN	NT	2.27	0.003193	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	VL	NT	4.53	0.006371	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	VH	NT	-1.97	-0.002771	±2.5	PASS

Temperature												
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Voltage	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	-30	-5.71	-0.008161	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	-20	-6.22	-0.008890	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	-10	-5.42	-0.007746	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	0	-5.45	-0.007789	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	10	-4.23	-0.006045	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	20	-6.48	-0.009261	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	30	-6.17	-0.008818	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	40	-5.25	-0.007503	±2.5	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	NV	50	-4.46	-0.006374	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	-30	-4.03	-0.005760	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	-20	-3.59	-0.005131	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	-10	-3.15	-0.004502	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	0	-6.08	-0.008689	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	10	-6.72	-0.009604	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	20	-5.69	-0.008132	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	30	-5.05	-0.007217	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	40	-5.49	-0.007846	±2.5	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	NV	50	-4.95	-0.007074	±2.5	PASS



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Band12	1.4MHz	23095	QPSK	6	0	Low	NV	-30	-8.27	-0.011689	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	-20	-6.39	-0.009032	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	-10	-7.34	-0.010375	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	0	-7.98	-0.011279	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	10	-5.95	-0.008410	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	20	-5.52	-0.007802	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	30	-5.87	-0.008297	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	40	-6.32	-0.008933	±2.5	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	NV	50	-6.49	-0.009173	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	-30	-8.63	-0.012198	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	-20	-5.08	-0.007180	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	-10	-7.30	-0.010318	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	0	-7.48	-0.010572	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	10	-8.15	-0.011519	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	20	-8.45	-0.011943	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	30	-7.55	-0.010671	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	40	-7.37	-0.010417	±2.5	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	NV	50	-7.50	-0.010601	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	-30	-7.27	-0.010164	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	-20	-7.50	-0.010485	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	-10	-8.11	-0.011338	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	0	-7.84	-0.010960	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	10	-6.37	-0.008905	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	20	-5.39	-0.007535	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	30	-7.55	-0.010555	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	40	-7.90	-0.011044	±2.5	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	NV	50	-5.52	-0.007717	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	-30	-7.14	-0.009982	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	-20	-5.41	-0.007563	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	-10	-7.74	-0.010821	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	0	-8.13	-0.011366	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	10	-7.27	-0.010164	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	20	-5.16	-0.007214	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	30	-7.20	-0.010066	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	40	-7.50	-0.010485	±2.5	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	NV	50	-5.61	-0.007843	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	-30	-3.15	-0.004497	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	-20	3.59	0.005125	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	-10	2.80	0.003997	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	0	4.92	0.007024	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	10	4.01	0.005724	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	20	-3.46	-0.004939	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	30	3.20	0.004568	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	40	4.79	0.006838	±2.5	PASS
Band12	3MHz	23025	QPSK	6	0	Low	NV	50	2.80	0.003997	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	-30	2.95	0.004211	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	-20	4.38	0.006253	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	-10	-3.92	-0.005596	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	0	4.11	0.005867	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	10	-3.73	-0.005325	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	20	-4.19	-0.005981	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	30	-4.59	-0.006552	±2.5	PASS



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Band12	3MHz	23025	16QAM	6	0	Low	NV	40	-3.02	-0.004311	±2.5	PASS
Band12	3MHz	23025	16QAM	6	0	Low	NV	50	-3.12	-0.004454	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	-30	-5.21	-0.007364	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	-20	-5.56	-0.007859	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	-10	-4.13	-0.005837	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	0	-5.72	-0.008085	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	10	-6.18	-0.008735	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	20	-5.35	-0.007562	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	30	-3.72	-0.005258	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	40	-4.13	-0.005837	±2.5	PASS
Band12	3MHz	23095	QPSK	6	0	Low	NV	50	-4.95	-0.006996	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	-30	-5.22	-0.007378	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	-20	-5.81	-0.008212	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	-10	-4.91	-0.006940	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	0	-5.05	-0.007138	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	10	-5.36	-0.007576	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	20	-5.48	-0.007746	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	30	-5.52	-0.007802	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	40	-4.86	-0.006869	±2.5	PASS
Band12	3MHz	23095	16QAM	6	0	Low	NV	50	-4.81	-0.006799	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	-30	3.89	0.005444	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	-20	3.93	0.005500	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	-10	5.66	0.007922	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	0	4.53	0.006340	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	10	4.25	0.005948	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	20	3.08	0.004311	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	30	5.19	0.007264	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	40	5.44	0.007614	±2.5	PASS
Band12	3MHz	23165	QPSK	6	0	High	NV	50	4.15	0.005808	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	-30	1.85	0.002589	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	-20	-1.87	-0.002617	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	-10	3.73	0.005220	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	0	3.78	0.005290	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	10	4.01	0.005612	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	20	3.53	0.004941	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	30	2.95	0.004129	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	40	5.87	0.008216	±2.5	PASS
Band12	3MHz	23165	16QAM	6	0	High	NV	50	4.96	0.006942	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	-30	-3.15	-0.004490	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	-20	-3.53	-0.005032	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	-10	-5.16	-0.007356	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	0	-3.13	-0.004462	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	10	-4.62	-0.006586	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	20	-5.91	-0.008425	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	30	-4.86	-0.006928	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	40	-4.06	-0.005788	±2.5	PASS
Band12	5MHz	23035	QPSK	6	0	Low	NV	50	-2.42	-0.003450	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	-30	-5.51	-0.007855	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	-20	-4.59	-0.006543	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	-10	-5.06	-0.007213	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	0	-3.25	-0.004633	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	10	-5.65	-0.008054	±2.5	PASS



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Band12	5MHz	23035	16QAM	6	0	Low	NV	20	-5.04	-0.007185	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	30	-4.58	-0.006529	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	40	-3.73	-0.005317	±2.5	PASS
Band12	5MHz	23035	16QAM	6	0	Low	NV	50	-3.95	-0.005631	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	-30	-4.88	-0.006898	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	-20	-3.02	-0.004269	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	-10	-4.42	-0.006247	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	0	-3.65	-0.005159	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	10	-4.33	-0.006120	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	20	-5.88	-0.008311	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	30	-3.73	-0.005272	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	40	-4.22	-0.005965	±2.5	PASS
Band12	5MHz	23095	QPSK	6	0	Low	NV	50	-4.81	-0.006799	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	-30	-2.20	-0.003110	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	-20	-5.54	-0.007830	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	-10	-4.61	-0.006516	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	0	-4.22	-0.005965	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	10	-4.39	-0.006205	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	20	-4.15	-0.005866	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	30	-4.06	-0.005739	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	40	-3.89	-0.005498	±2.5	PASS
Band12	5MHz	23095	16QAM	6	0	Low	NV	50	-3.89	-0.005498	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	-30	-5.66	-0.007933	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	-20	-7.42	-0.010399	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	-10	-5.92	-0.008297	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	0	-5.34	-0.007484	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	10	-6.52	-0.009138	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	20	-5.38	-0.007540	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	30	-5.45	-0.007638	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	40	-6.81	-0.009544	±2.5	PASS
Band12	5MHz	23155	QPSK	6	0	High	NV	50	-6.94	-0.009727	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	-30	-6.19	-0.008676	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	-20	-4.79	-0.006713	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	-10	-5.22	-0.007316	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	0	-6.27	-0.008788	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	10	-7.48	-0.010484	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	20	-7.42	-0.010399	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	30	-5.66	-0.007933	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	40	-5.85	-0.008199	±2.5	PASS
Band12	5MHz	23155	16QAM	6	0	High	NV	50	-5.75	-0.008059	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	-30	8.65	0.012287	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	-20	8.44	0.011989	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	-10	7.45	0.010582	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	0	9.11	0.012940	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	10	7.40	0.010511	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	20	6.75	0.009588	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	30	8.11	0.011520	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	40	7.84	0.011136	±2.5	PASS
Band12	10MHz	23060	QPSK	6	0	Low	NV	50	8.14	0.011563	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	-30	7.74	0.010994	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	-20	8.57	0.012173	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	-10	6.78	0.009631	±2.5	PASS



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Band12	10MHz	23060	16QAM	6	0	Low	NV	0	6.84	0.009716	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	10	7.75	0.011009	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	20	8.25	0.011719	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	30	8.50	0.012074	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	40	8.63	0.012259	±2.5	PASS
Band12	10MHz	23060	16QAM	6	0	Low	NV	50	8.98	0.012756	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	-30	-3.13	-0.004424	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	-20	-4.01	-0.005668	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	-10	-4.26	-0.006021	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	0	-4.98	-0.007039	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	10	1.93	0.002728	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	20	-2.63	-0.003717	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	30	-2.63	-0.003717	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	40	-3.63	-0.005131	±2.5	PASS
Band12	10MHz	23095	QPSK	6	0	Low	NV	50	3.62	0.005117	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	-30	3.26	0.004608	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	-20	3.02	0.004269	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	-10	4.22	0.005965	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	0	3.99	0.005640	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	10	3.03	0.004283	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	20	2.88	0.004071	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	30	3.33	0.004707	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	40	3.50	0.004947	±2.5	PASS
Band12	10MHz	23095	16QAM	6	0	Low	NV	50	3.19	0.004509	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	-30	4.45	0.006259	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	-20	5.42	0.007623	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	-10	4.33	0.006090	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	0	5.42	0.007623	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	10	2.75	0.003868	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	20	2.66	0.003741	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	30	4.03	0.005668	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	40	4.21	0.005921	±2.5	PASS
Band12	10MHz	23130	QPSK	6	0	High	NV	50	3.65	0.005134	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	-30	4.08	0.005738	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	-20	3.73	0.005246	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	-10	4.05	0.005696	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	0	3.39	0.004768	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	10	3.33	0.004684	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	20	4.84	0.006807	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	30	4.63	0.006512	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	40	3.72	0.005232	±2.5	PASS
Band12	10MHz	23130	16QAM	6	0	High	NV	50	2.78	0.003910	±2.5	PASS

- End of the Appendix -



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