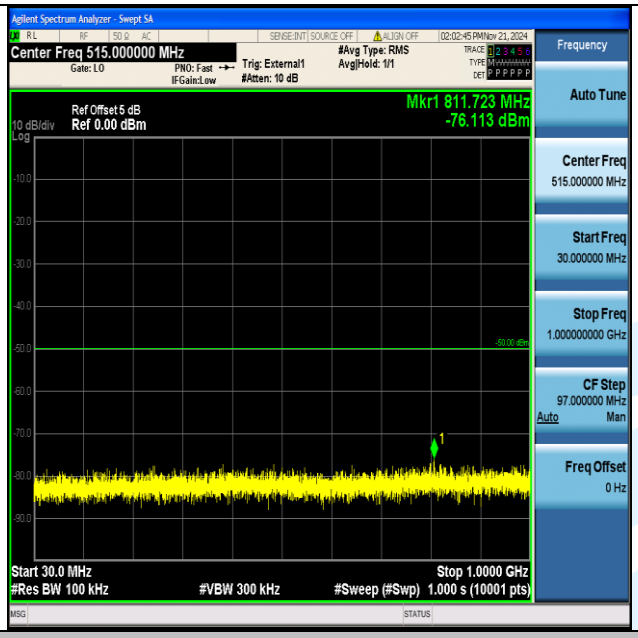
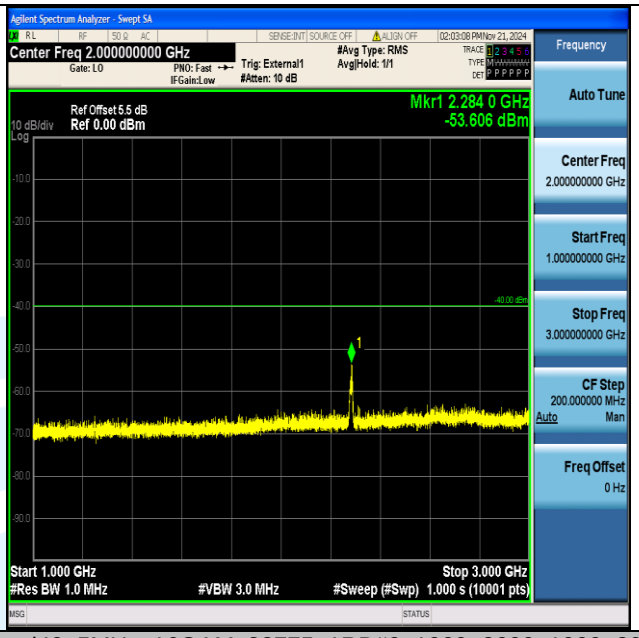


Band40_5MHz_16QAM_38775_1RB#0_30~1000_30~1000



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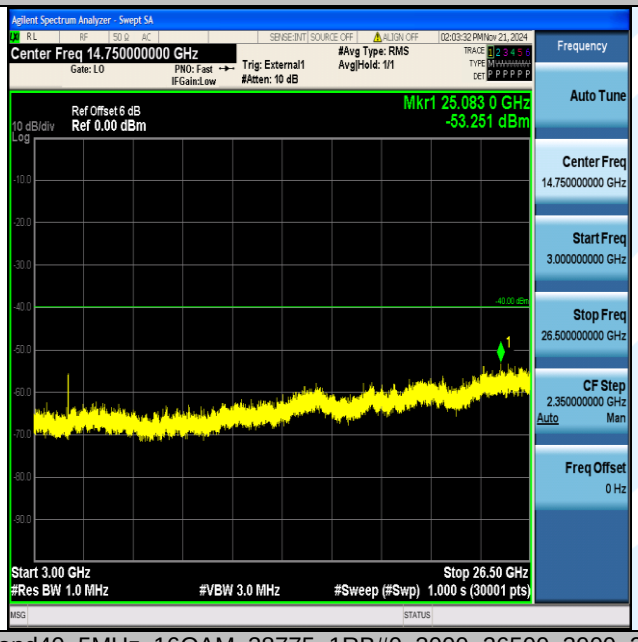

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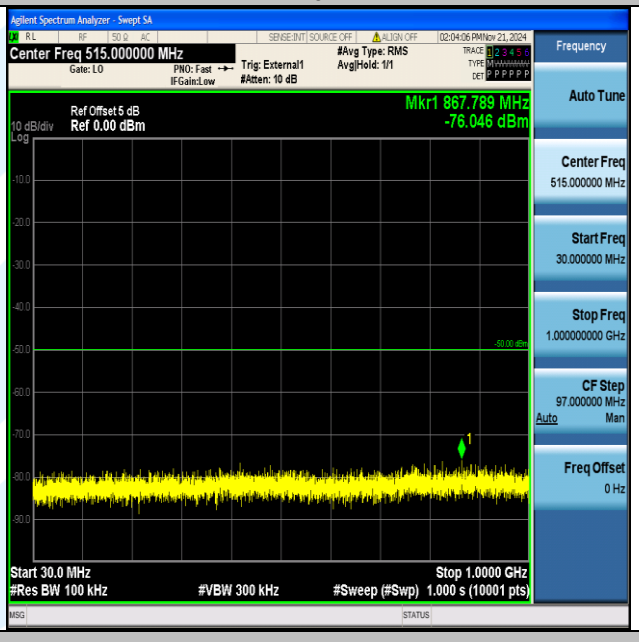

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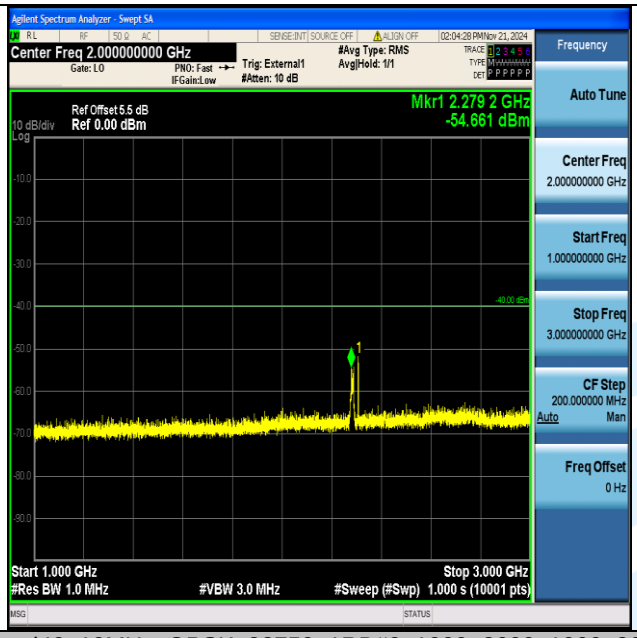

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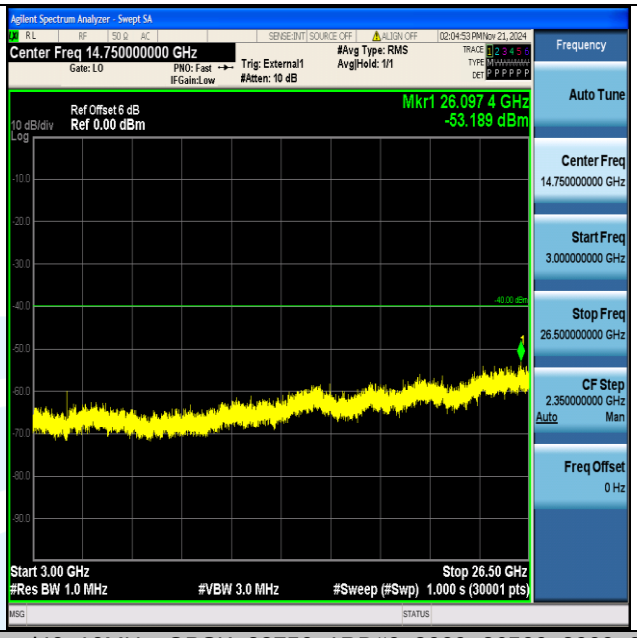

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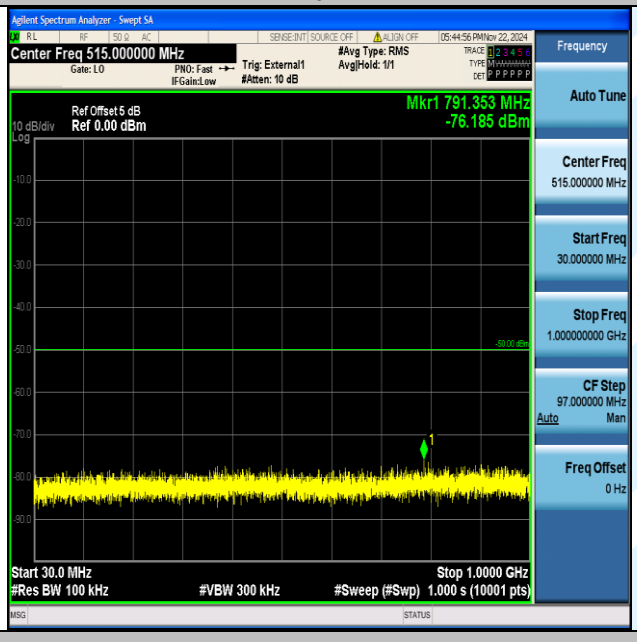

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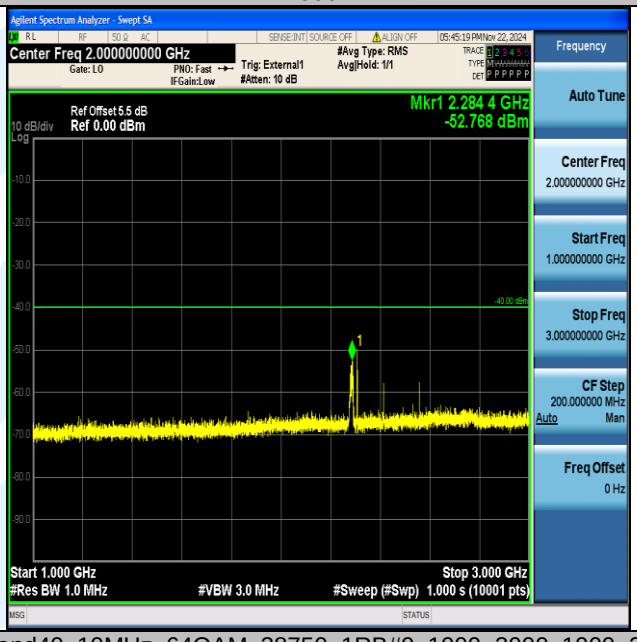

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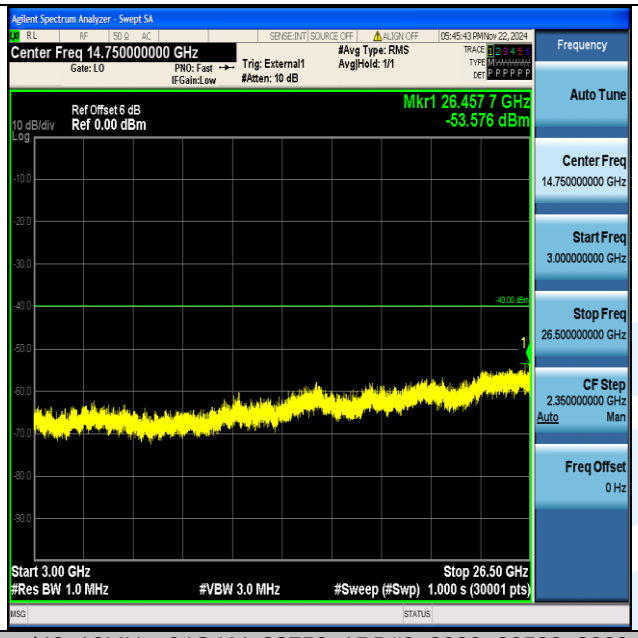

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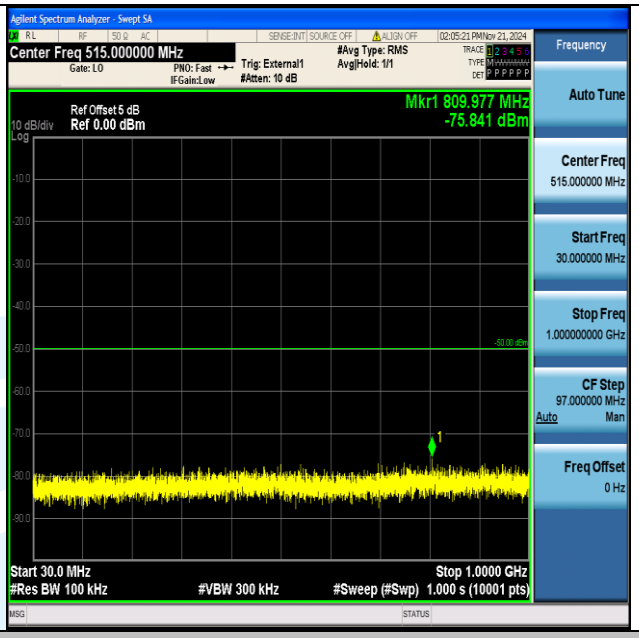

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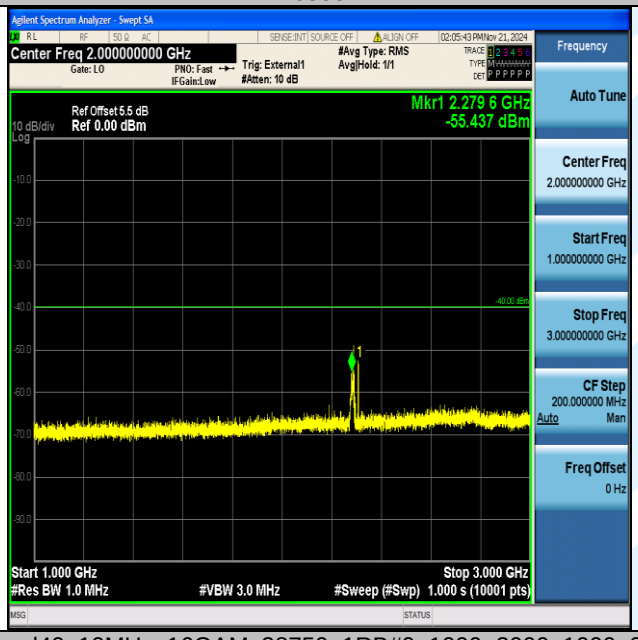

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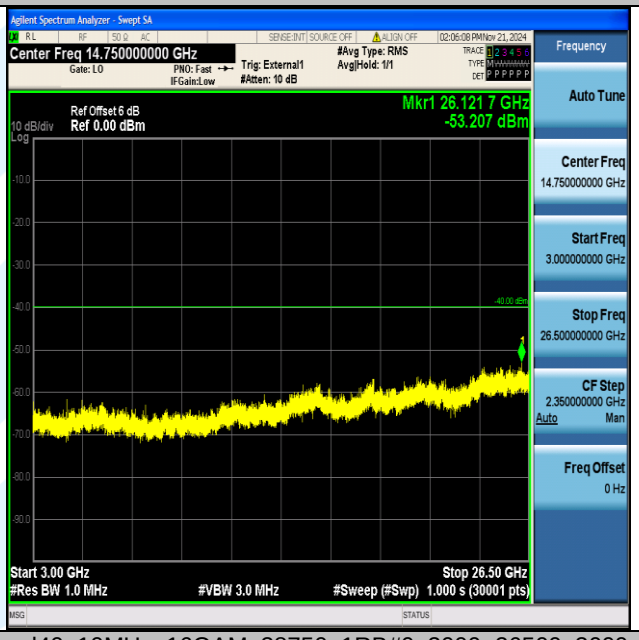
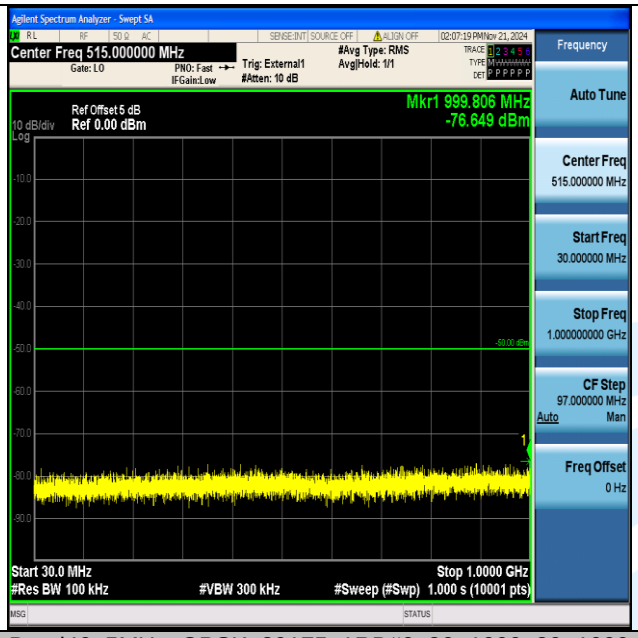
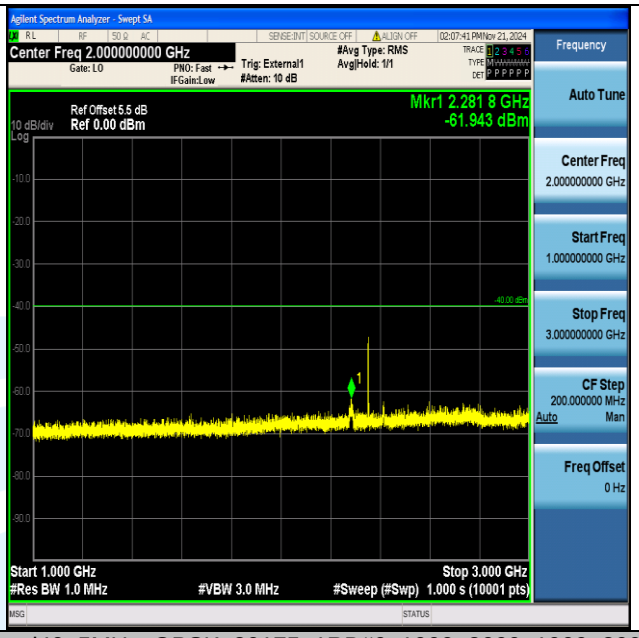


Band40_10MHz_16QAM_38750_1RB#0_3000~26500_3000~26500



Band40_5MHz_QPSK_39175_1RB#0_30~1000_30~1000



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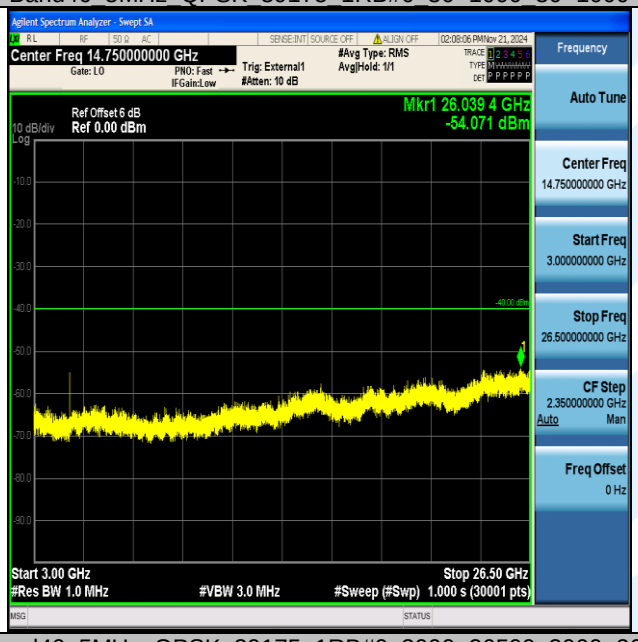

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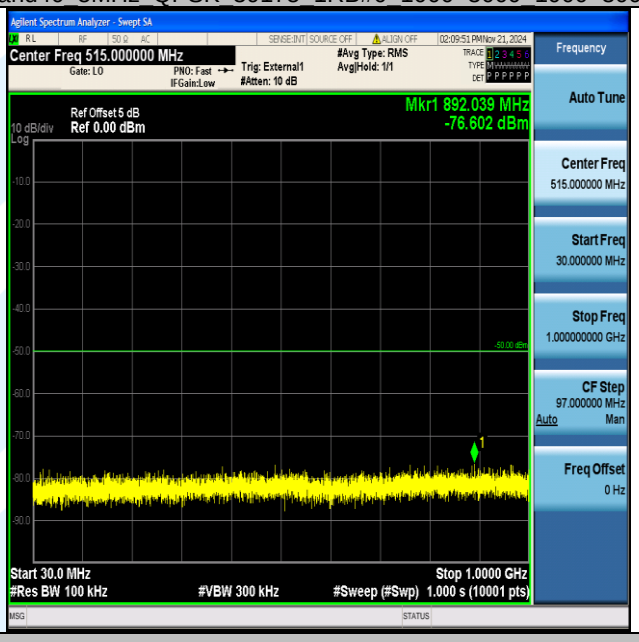
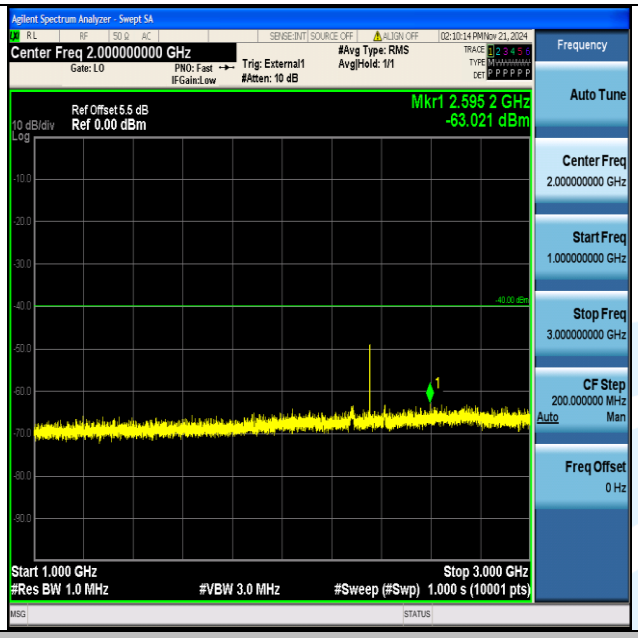


Band40_5MHz_QPSK_39200_1RB#0_30~1000_30~1000



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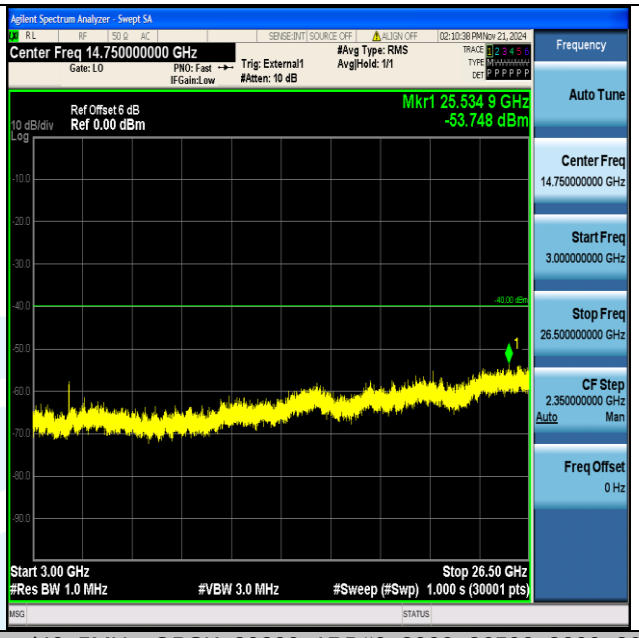

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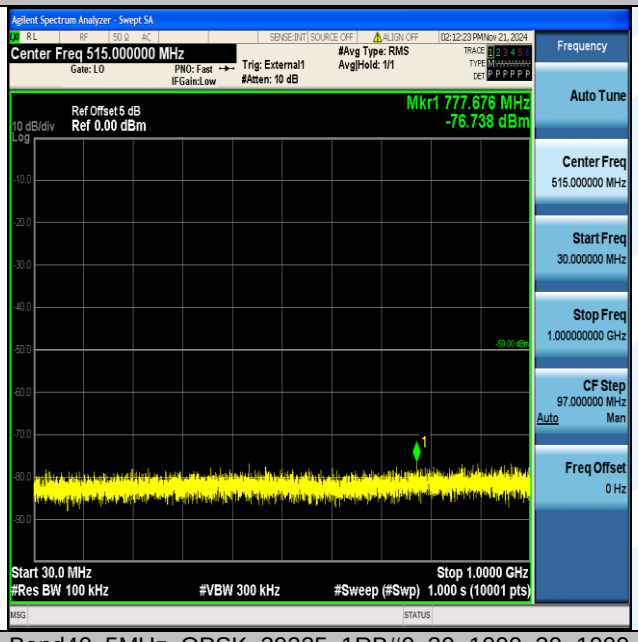
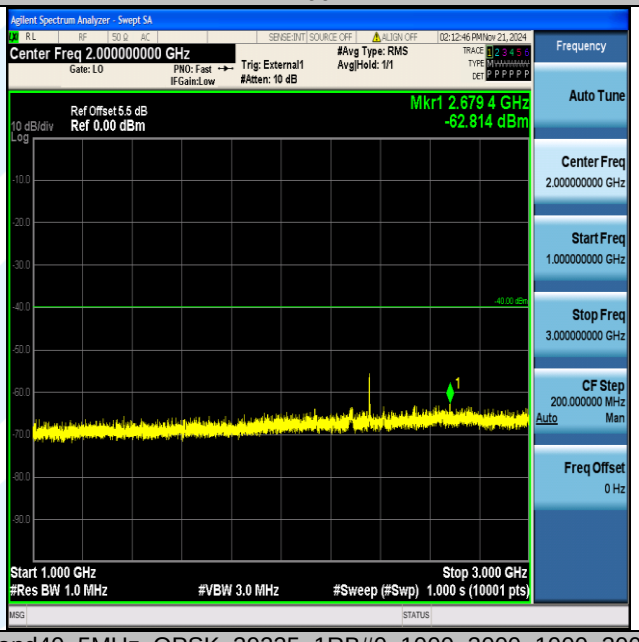


Band40_5MHz_QPSK_39225_1RB#0_30~1000_30~1000



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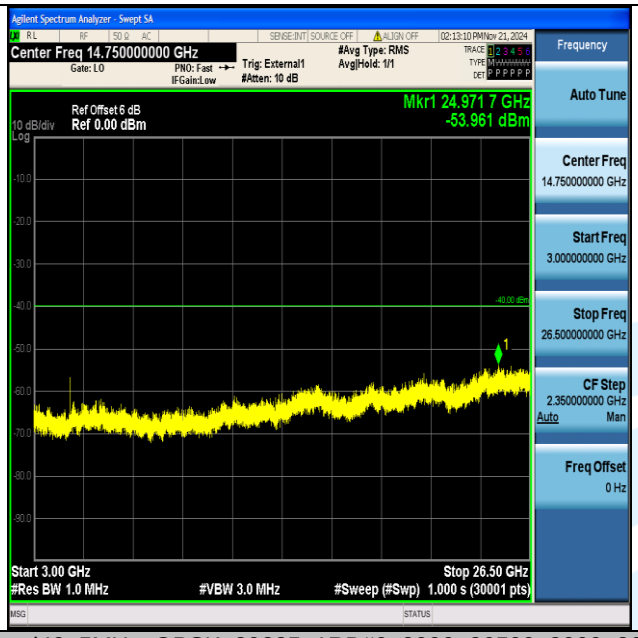
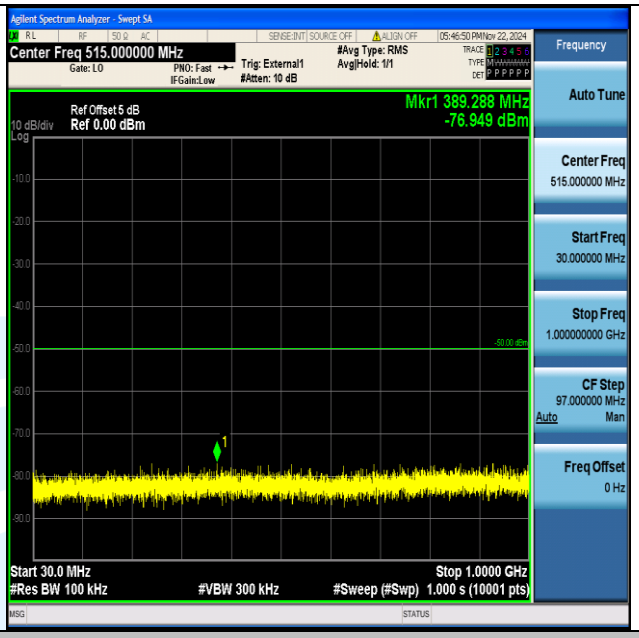
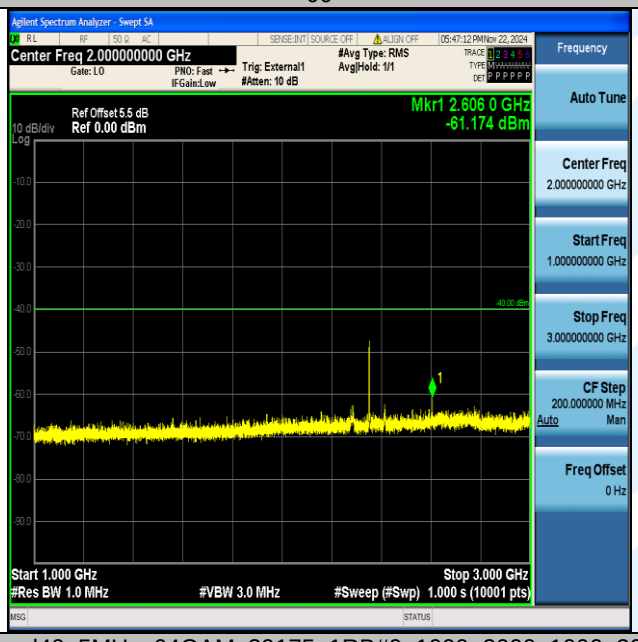


Band40_5MHz_QPSK_39225_1RB#0_3000~26500_3000~26500



Band40_5MHz_64QAM_39175_1RB#0_30~1000_30~1000



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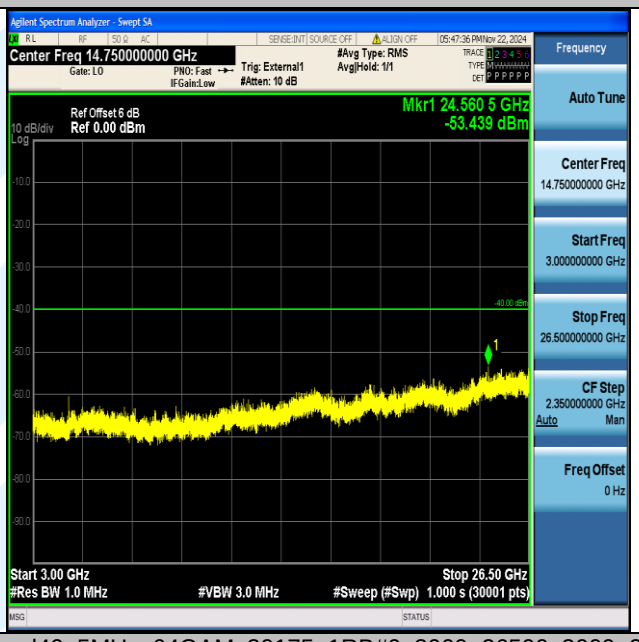

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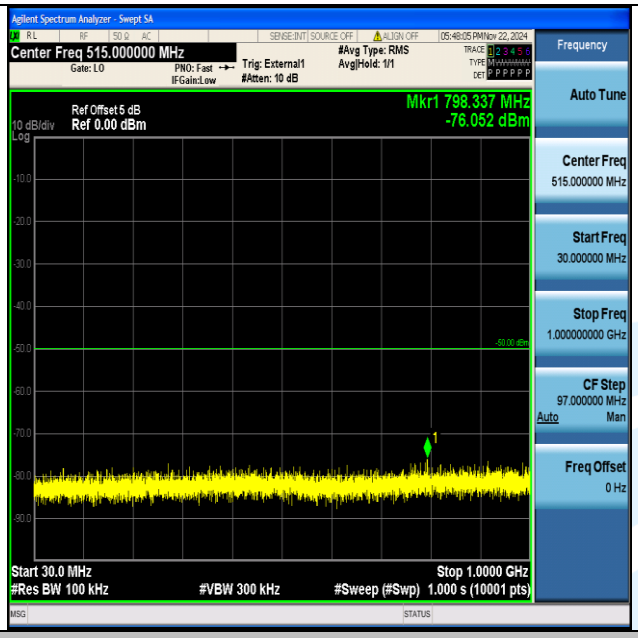
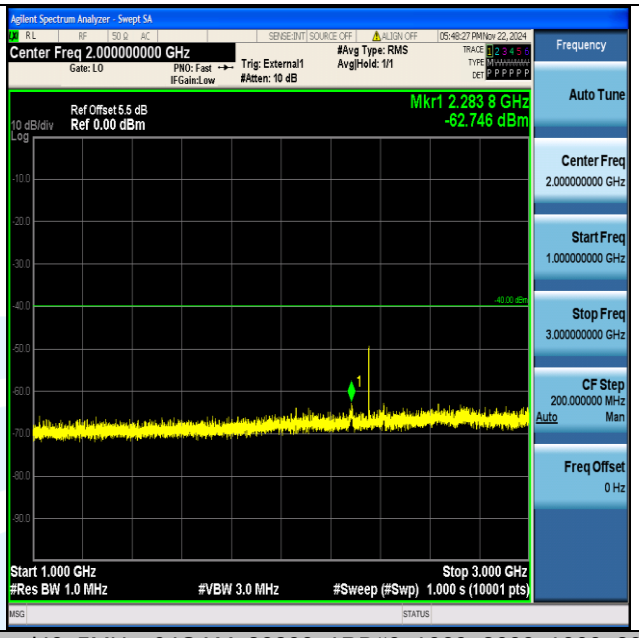


Band40_5MHz_64QAM_39200_1RB#0_30~1000_30~1000



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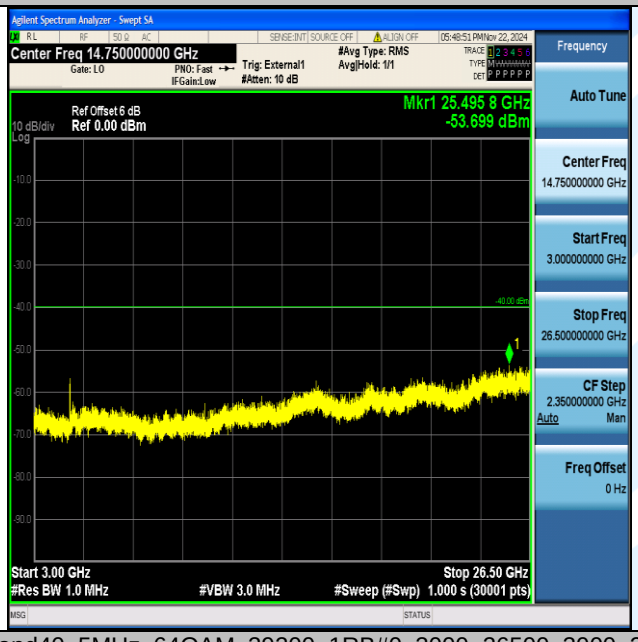
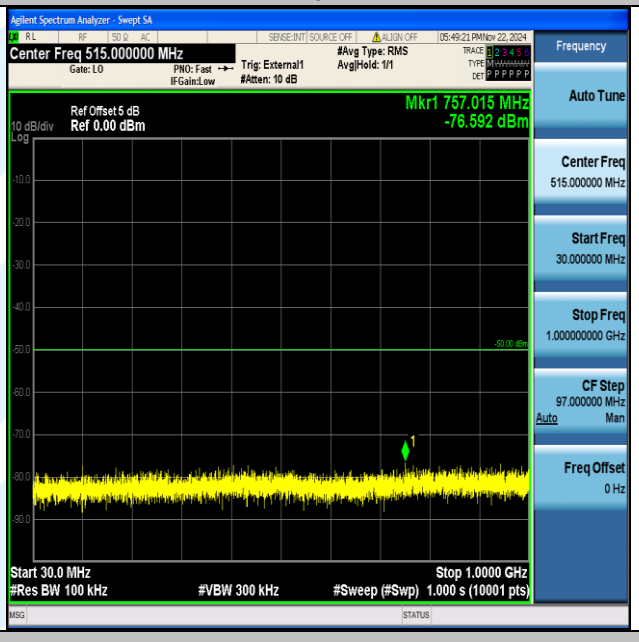
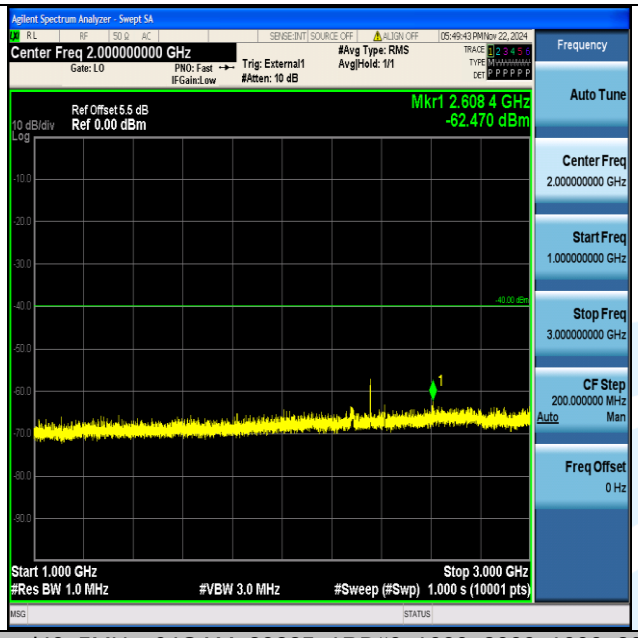


Band40_5MHz_64QAM_39200_1RB#0_3000~26500_3000~26500



Band40_5MHz_64QAM_39225_1RB#0_30~1000_30~1000



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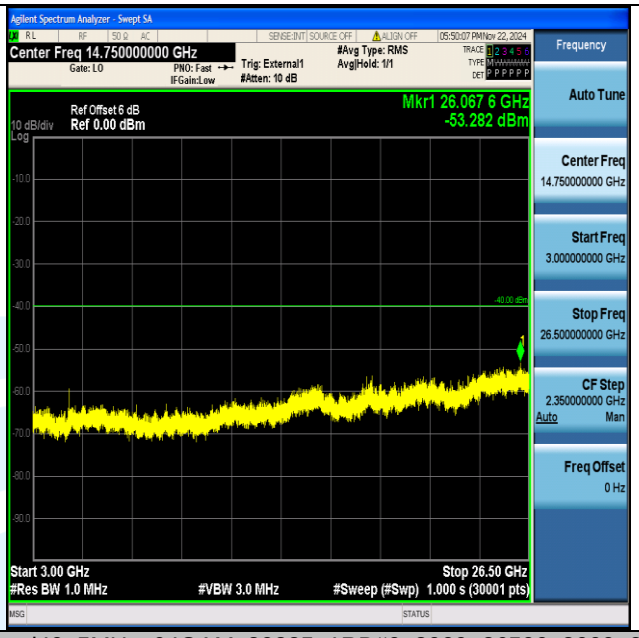

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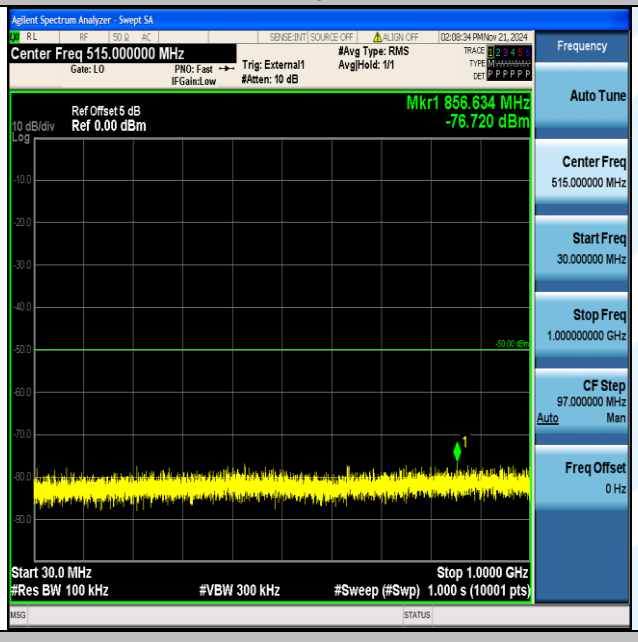
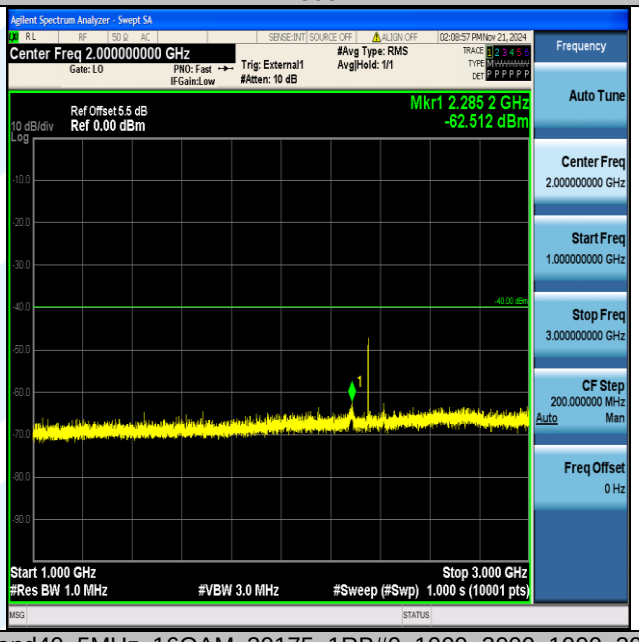


Band40_5MHz_16QAM_39175_1RB#0_30~1000_30~1000



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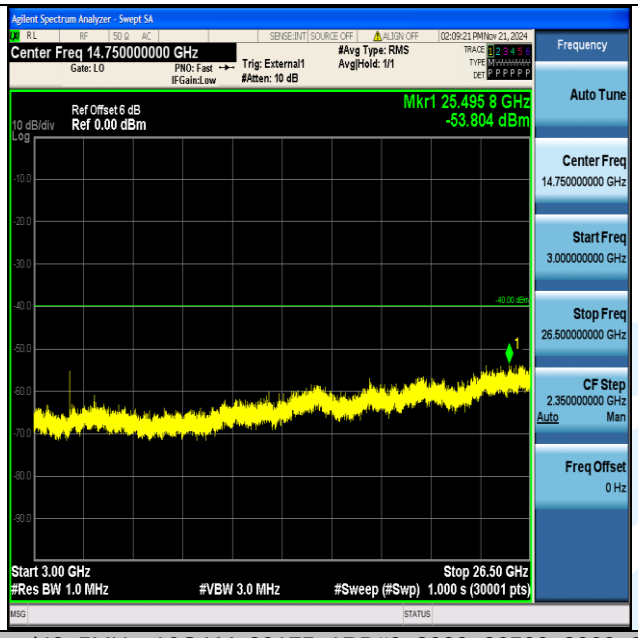
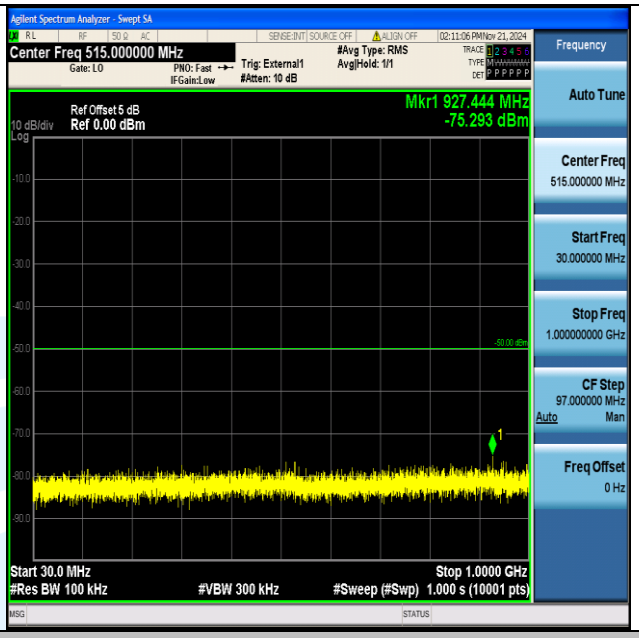


Band40_5MHz_16QAM_39175_1RB#0_3000~26500_3000~26500



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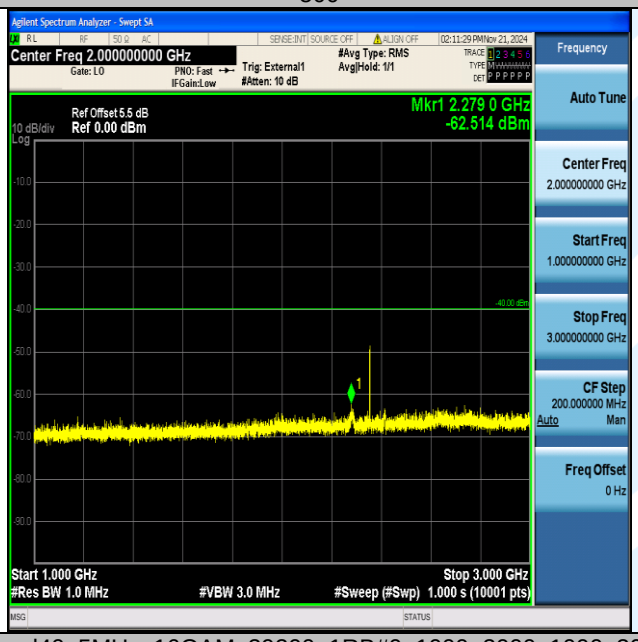
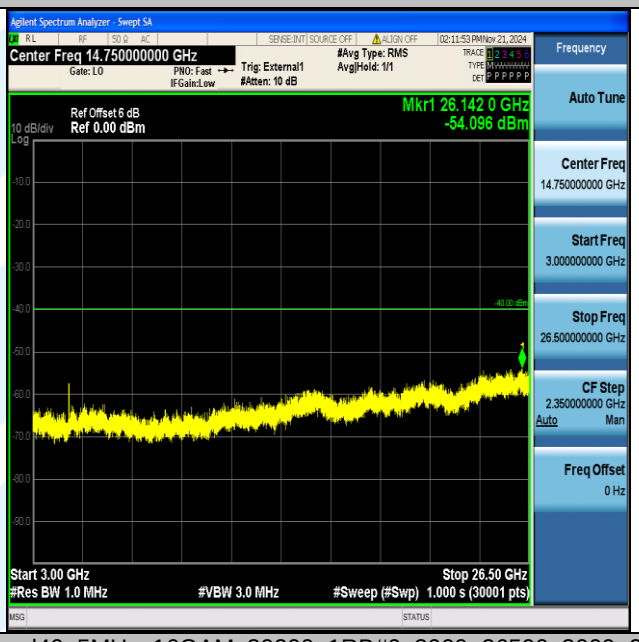
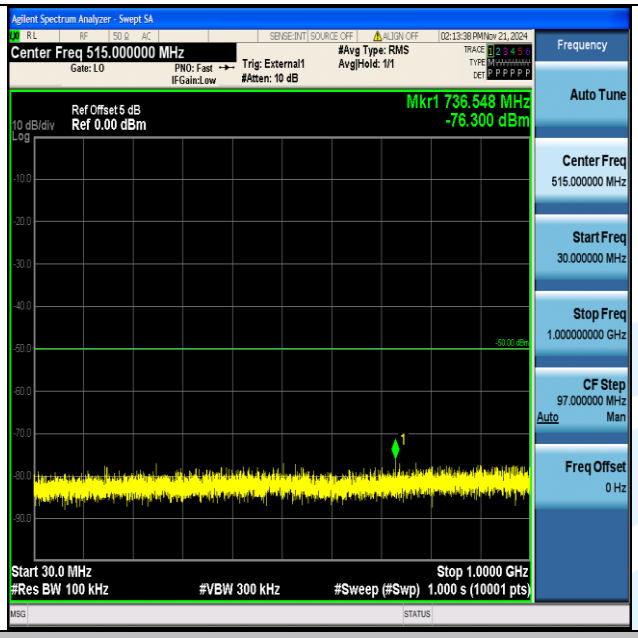


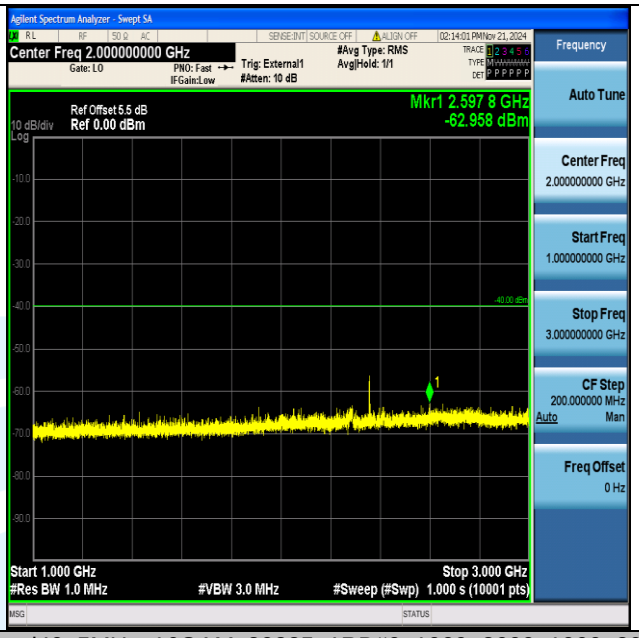
Band40_5MHz_16QAM_39200_1RB#0_1000~3000_1000~3000



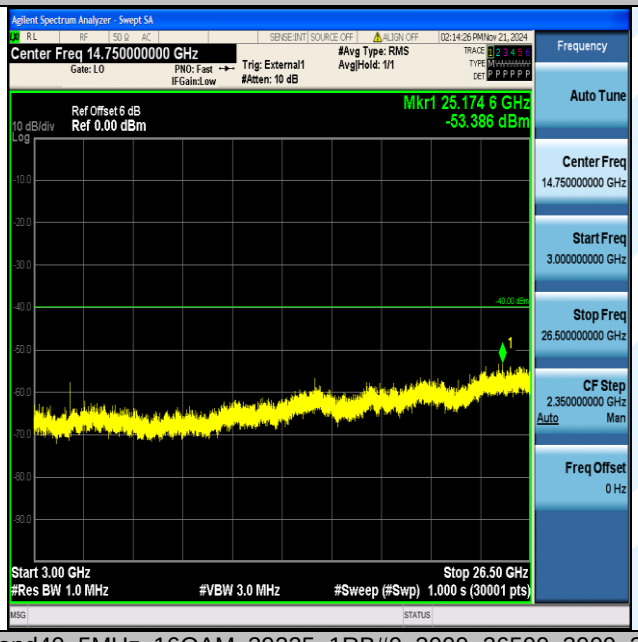
Band40_5MHz_16QAM_39200_1RB#0_3000~26500_3000~26500



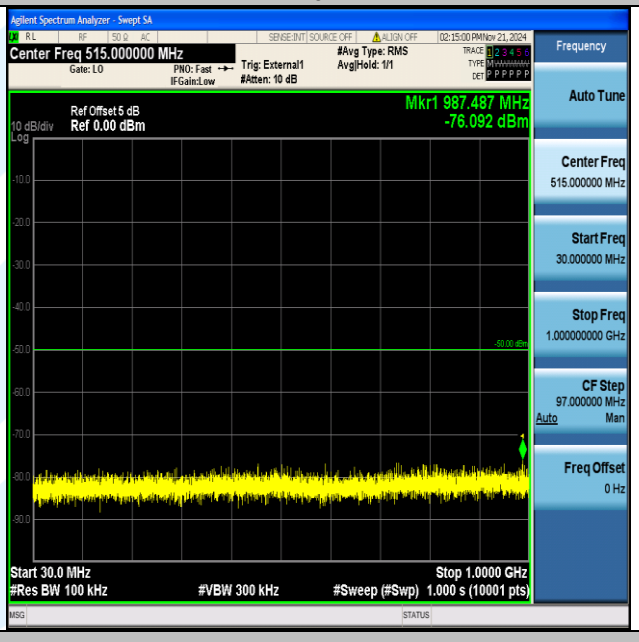
Band40_5MHz_16QAM_39225_1RB#0_30~1000_30~1000



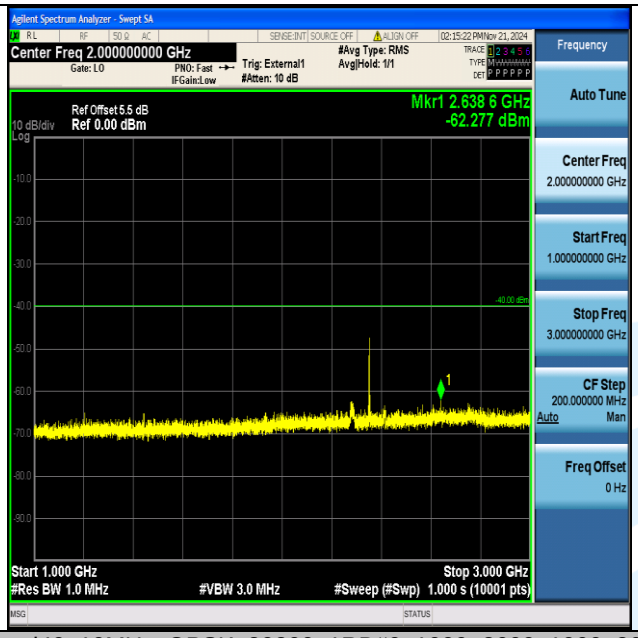
Band40_5MHz_16QAM_39225_1RB#0_1000~3000_1000~3000



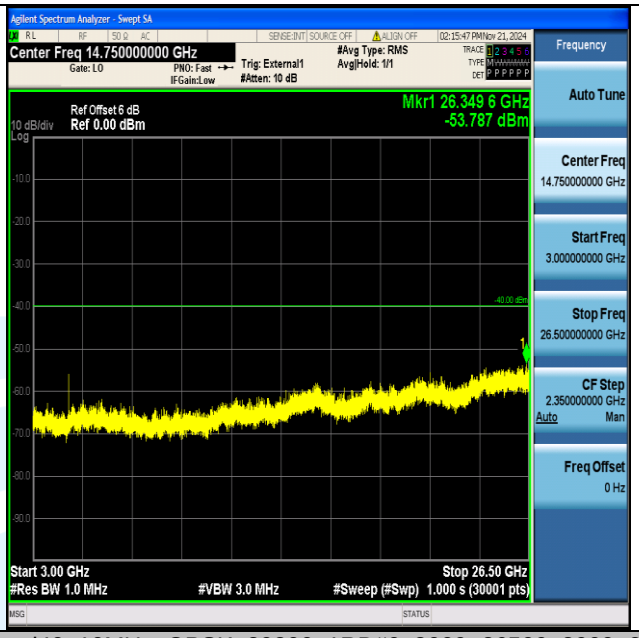
Band40_5MHz_16QAM_39225_1RB#0_3000~26500_3000~26500



Band40_10MHz_QPSK_39200_1RB#0_30~1000_30~1000



Band40_10MHz_QPSK_39200_1RB#0_1000~3000_1000~3000



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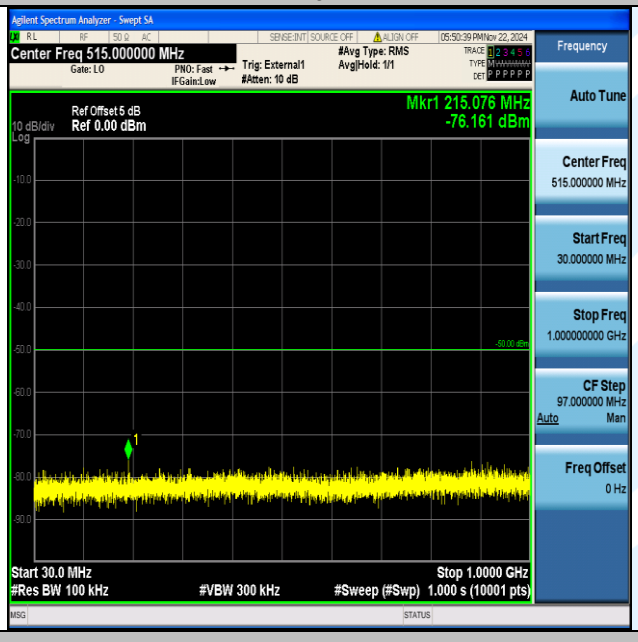
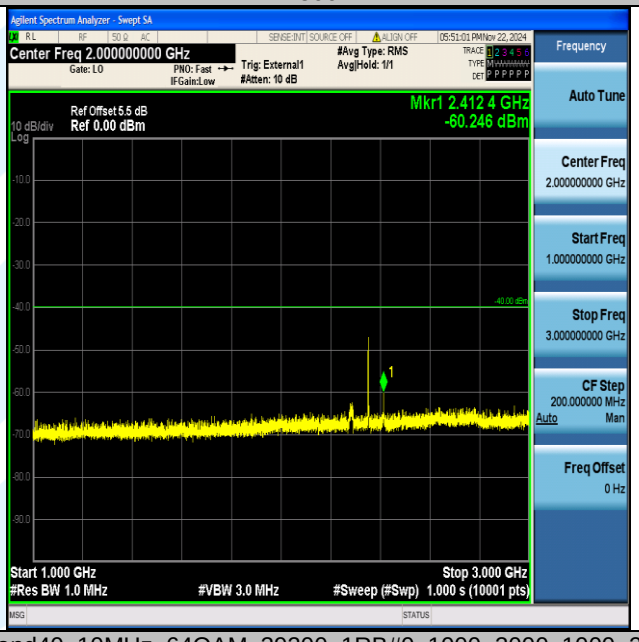
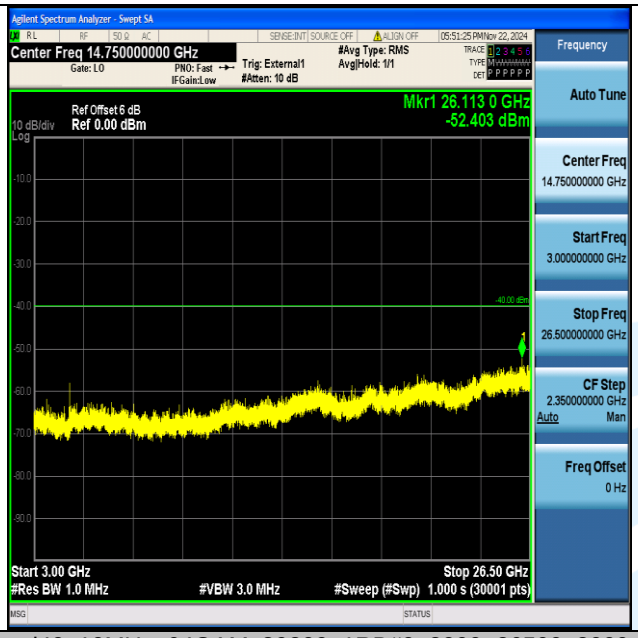


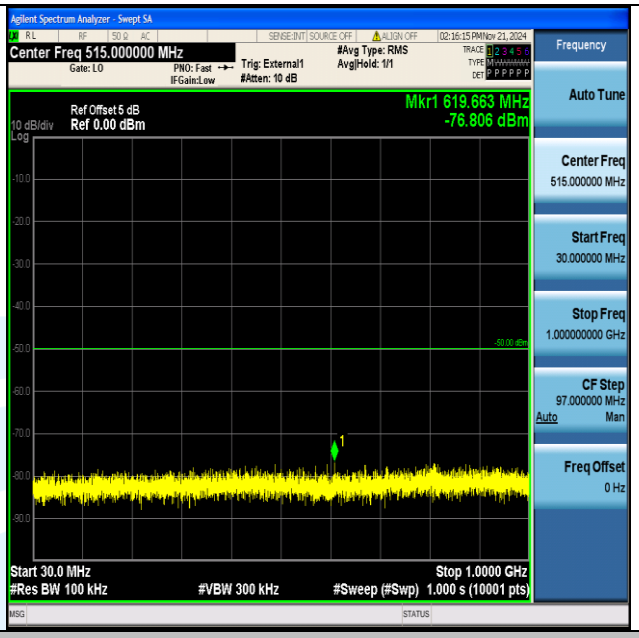
Band40_10MHz_64QAM_39200_1RB#0_30~1000_30~1000



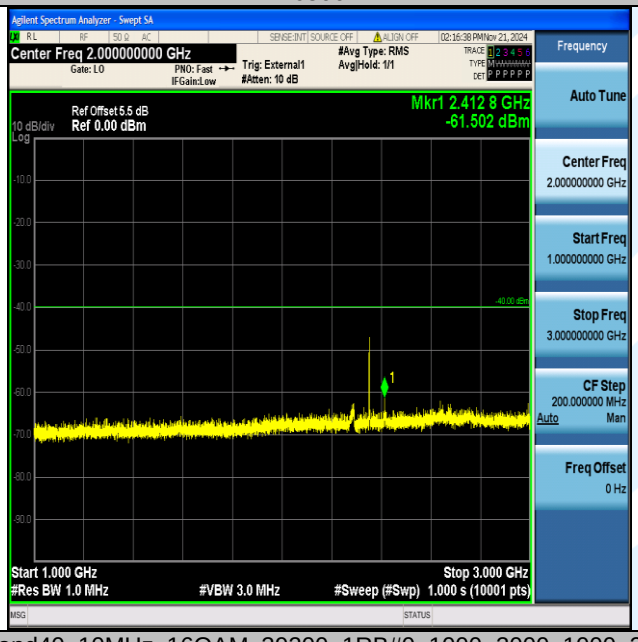
Band40_10MHz_64QAM_39200_1RB#0_1000~3000_1000~3000



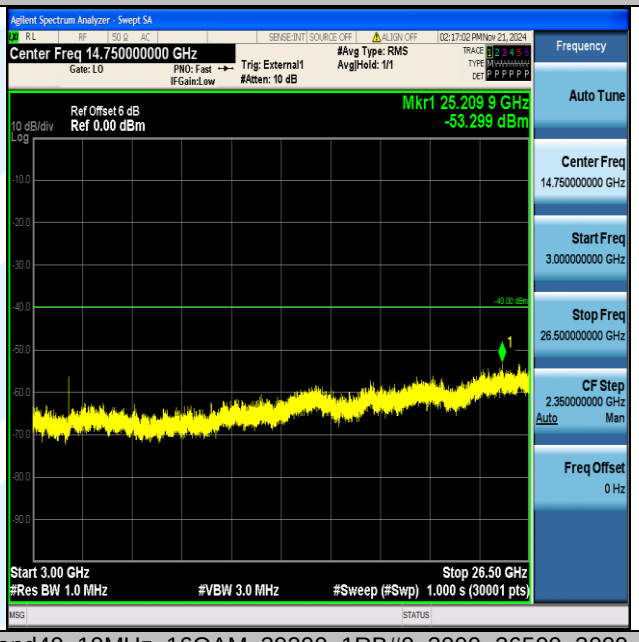
Band40_10MHz_64QAM_39200_1RB#0_3000~26500_3000~26500



Band40_10MHz_16QAM_39200_1RB#0_30~1000_30~1000



Band40_10MHz_16QAM_39200_1RB#0_1000~3000_1000~3000



Band40_10MHz_16QAM_39200_1RB#0_3000~26500_3000~26500

APPENDIX A5: FREQUENCY STABILITY

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	5.74	0.003053	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	20.84	0.011085	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	28.22	0.015011	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	49.25	0.028427	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	38.87	0.022436	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	22.34	0.012895	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	50.31	0.060143	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-2.88	-0.003443	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-6.88	-0.008225	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	59.44	0.023448	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	40.84	0.016110	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	10.26	0.004047	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	34.20	0.048339	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	38.25	0.054064	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	42.27	0.059746	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-18.38	-0.023504	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-14.22	-0.018184	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-9.36	-0.011969	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	6.12	0.008620	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	22.99	0.032380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	31.30	0.044085	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	35.36	0.013626	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-28.40	-0.010944	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	26.72	0.010297	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	25.69	0.014722	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	22.93	0.013140	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	49.62	0.028436	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	17.72	0.009426	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	14.49	0.007707	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-6.48	-0.003447	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-15.12	-0.008043	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-38.98	-0.020734	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-19.18	-0.010202	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-41.53	-0.022090	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	10.76	0.005723	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-7.41	-0.003941	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-13.33	-0.007694	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	18.17	0.010488	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	4.65	0.002684	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	32.52	0.018771	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	27.67	0.015971	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	19.27	0.011123	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	44.29	0.025564	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	13.32	0.007688	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	32.94	0.019013	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-11.56	-0.013819	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-13.98	-0.016712	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-18.42	-0.022020	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-28.07	-0.033556	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-43.16	-0.051596	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-50.38	-0.060227	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-16.05	-0.019187	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-29.21	-0.034919	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-41.47	-0.049576	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	30.17	0.011901	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	40.58	0.016008	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	14.55	0.005740	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-11.53	-0.004548	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	28.20	0.011124	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	22.65	0.008935	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	43.73	0.017250	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-15.54	-0.006130	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-9.80	-0.003866	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	45.91	0.064890	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	47.46	0.067081	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-10.14	-0.014332	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-12.39	-0.017512	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-14.62	-0.020664	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-10.17	-0.014375	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-8.44	-0.011929	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-9.16	-0.012947	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-7.61	-0.010756	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-8.00	-0.010230	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-5.59	-0.007148	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-5.34	-0.006829	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-3.88	-0.004962	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	2.22	0.002839	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	6.45	0.008248	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	11.40	0.014578	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	13.85	0.017711	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	14.06	0.017980	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	41.86	0.058958	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	48.62	0.068479	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	6.01	0.008465	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	13.06	0.018394	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	25.39	0.035761	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	36.33	0.051169	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	45.22	0.063690	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	5.74	0.008085	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	11.63	0.016380	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	15.86	0.006112	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-25.63	-0.009877	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	12.39	0.004775	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	34.45	0.013276	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-15.58	-0.006004	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	18.64	0.007183	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-6.97	-0.002686	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	35.69	0.013753	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-23.45	-0.009037	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-6.42	-0.003679	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-7.68	-0.004401	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-12.69	-0.007272	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-15.42	-0.008837	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-15.45	-0.008854	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-15.06	-0.008630	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-11.62	-0.006659	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-15.54	-0.008905	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-10.71	-0.006138	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	VN	NT	-48.01	-0.020784	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	VL	NT	-16.44	-0.007117	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	VH	NT	-41.99	-0.018177	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	VN	NT	33.77	0.014340	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	VL	NT	36.32	0.015423	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	VH	NT	46.42	0.019711	±20	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-30	-19.48	-0.008433	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-20	-50.14	-0.021706	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-10	-36.11	-0.015632	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	0	-57.23	-0.024775	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	10	-16.45	-0.007121	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	20	-28.57	-0.012368	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	30	-15.89	-0.006879	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	40	-17.58	-0.007610	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	50	-15.65	-0.006775	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	-14.49	-0.006153	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	7.77	0.003299	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	10.10	0.004289	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	30.41	0.012913	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	34.03	0.014450	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	46.19	0.019614	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	7.40	0.003142	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	21.74	0.009231	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	39.85	0.016921	±20	PASS