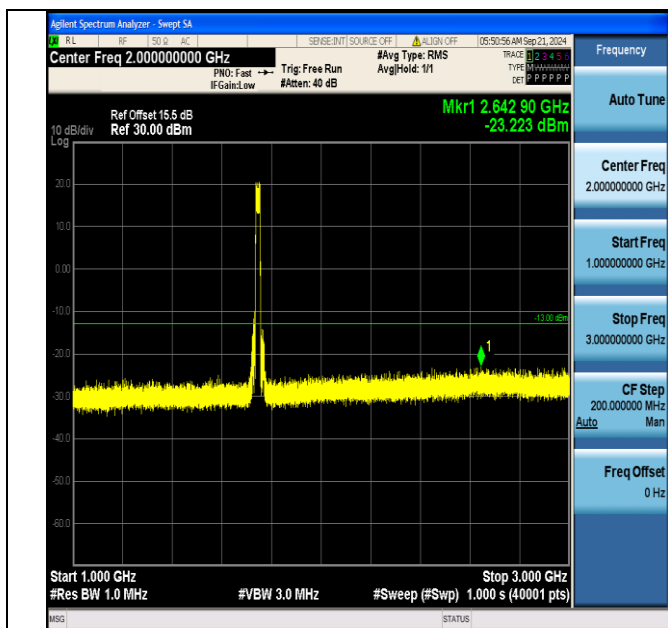
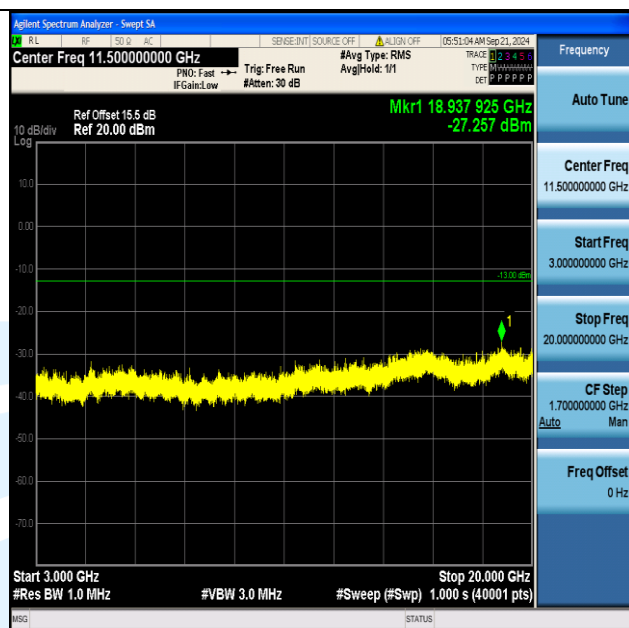
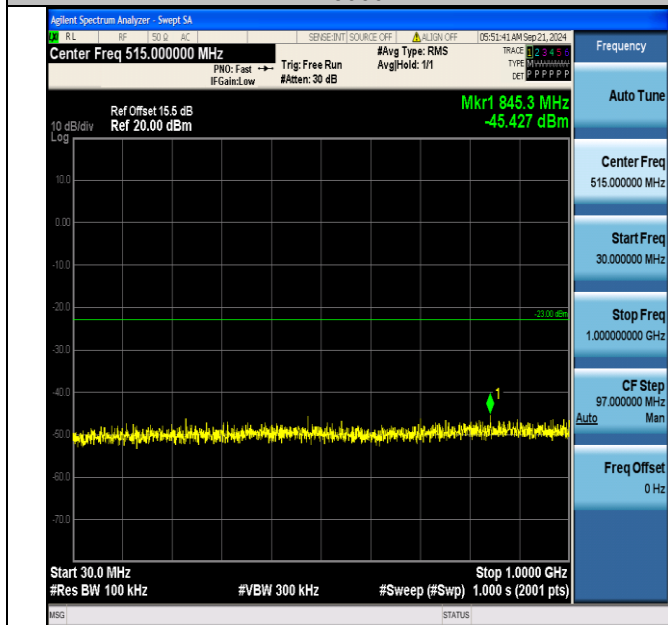




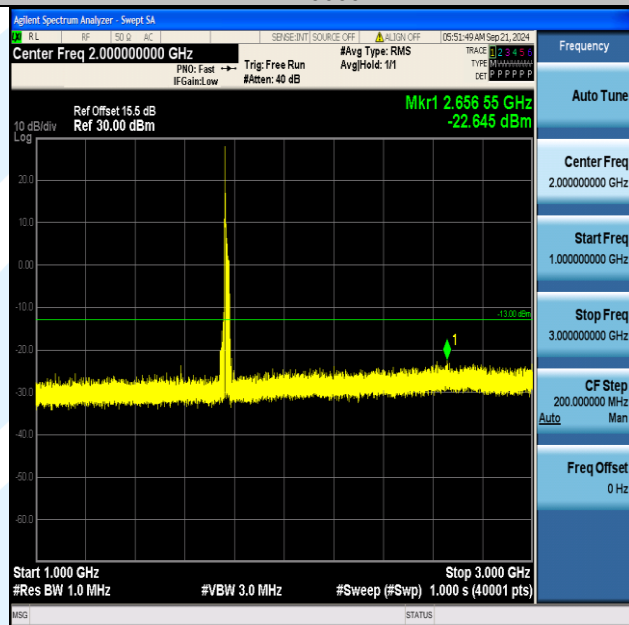
Band66_20MHz_QPSK_132322_100RB#0_1000~3000_1000~3000



Band66_20MHz_QPSK_132322_100RB#0_3000~20000_3000~20000



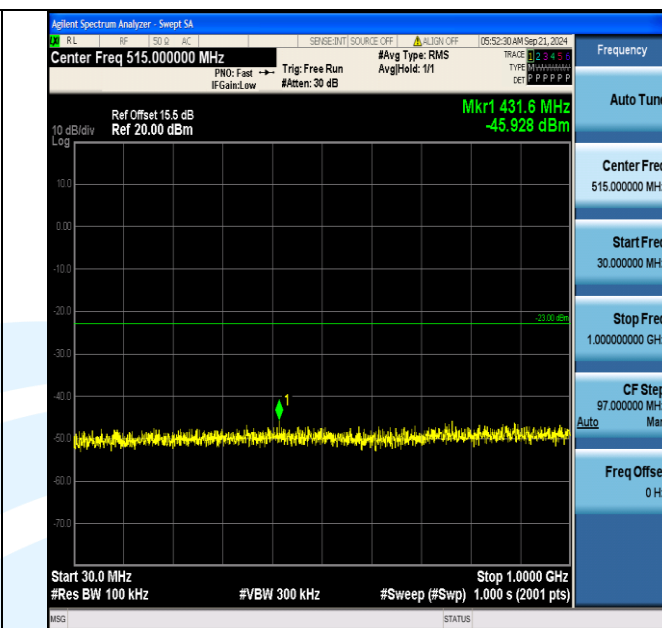
Band66_20MHz_QPSK_132572_1RB#0_30~1000_30~1000



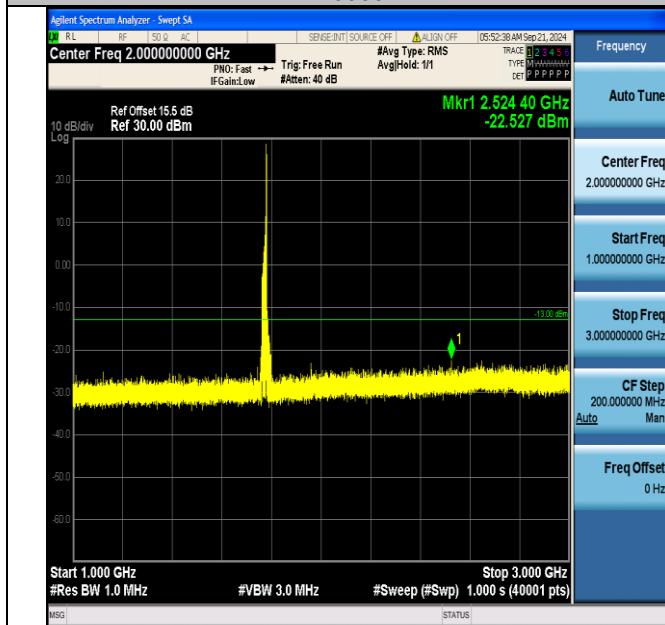
Band66_20MHz_QPSK_132572_1RB#0_1000~3000_1000~3000



Band66_20MHz_QPSK_132572_1RB#0_3000~20000_3000~20000



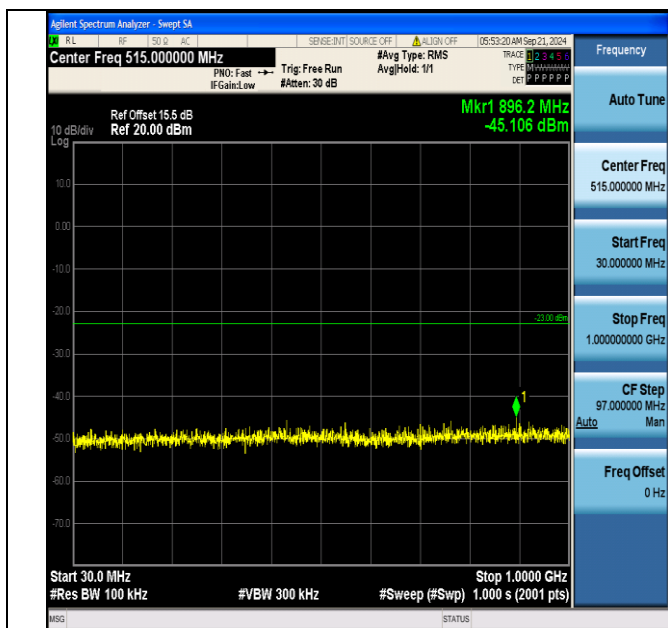
Band66_20MHz_QPSK_132572_1RB#99_30~1000_30~1000



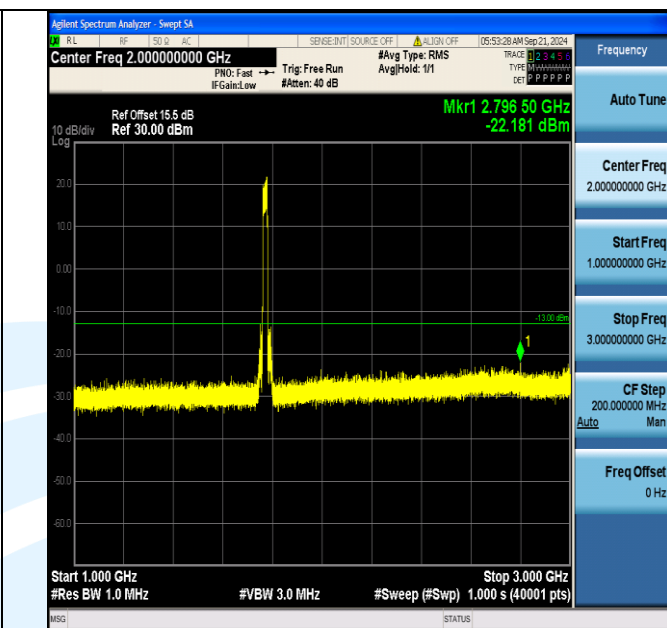
Band66_20MHz_QPSK_132572_1RB#99_1000~3000_1000~3000



Band66_20MHz_QPSK_132572_1RB#99_3000~20000_3000~20000



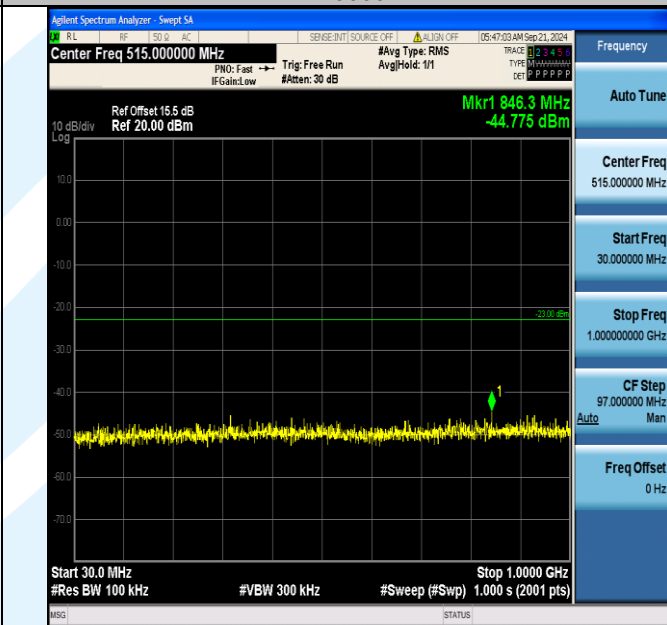
Band66_20MHz_QPSK_132572_100RB#0_30~1000_30~1000



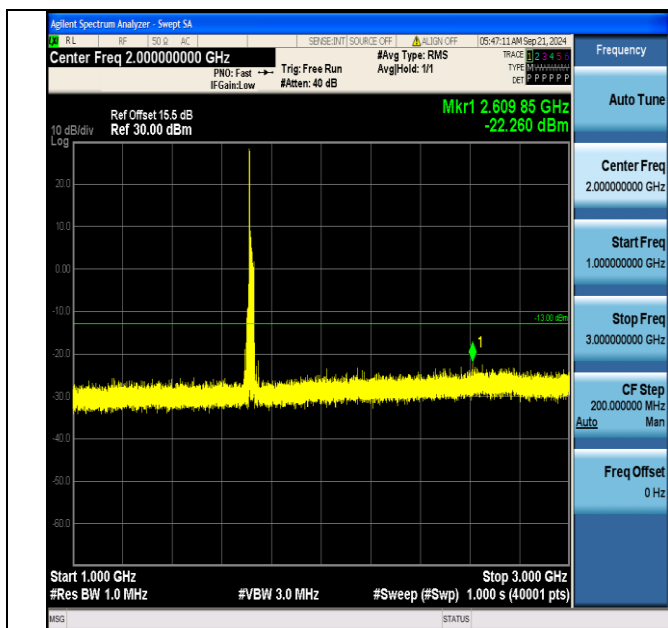
Band66_20MHz_QPSK_132572_100RB#0_1000~3000_1000~3000



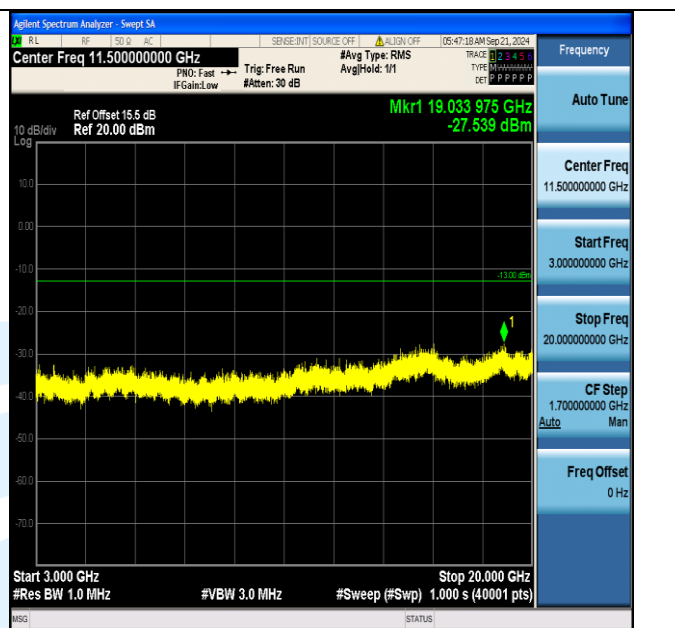
Band66_20MHz_QPSK_132572_100RB#0_3000~20000_3000~20000



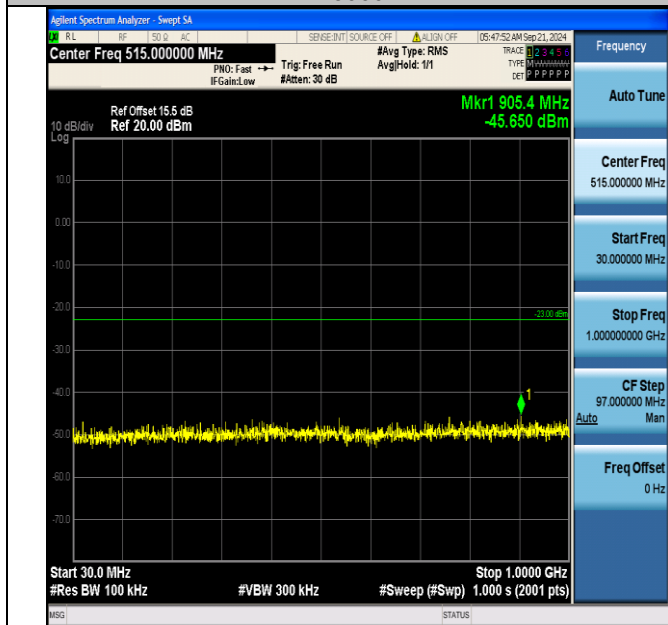
Band66_20MHz_16QAM_132072_1RB#0_30~1000_30~1000



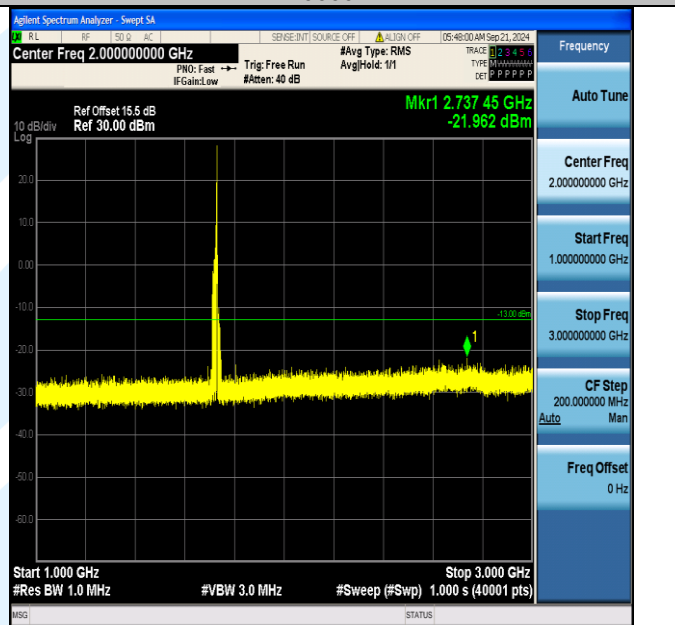
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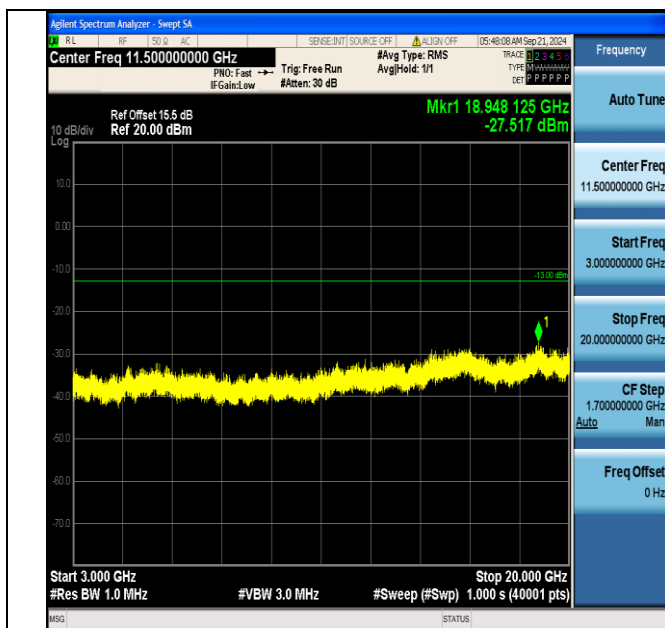
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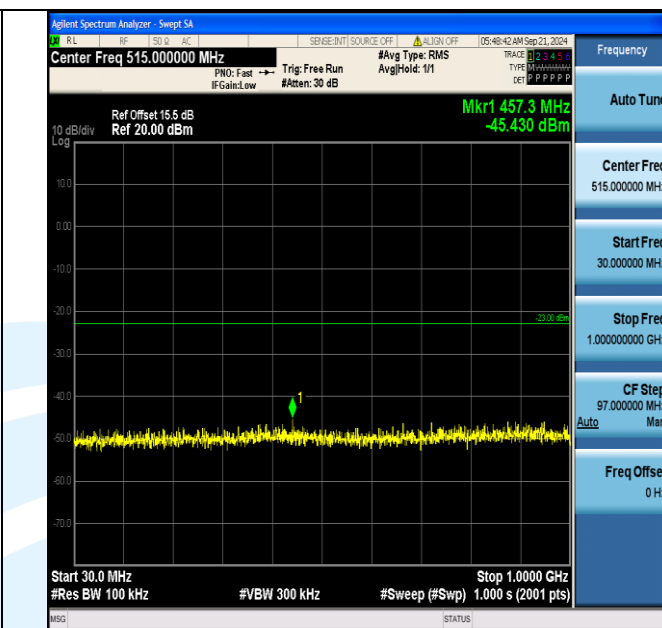
Band66_20MHz_16QAM_132072_1RB#99_30~1000_30~1000



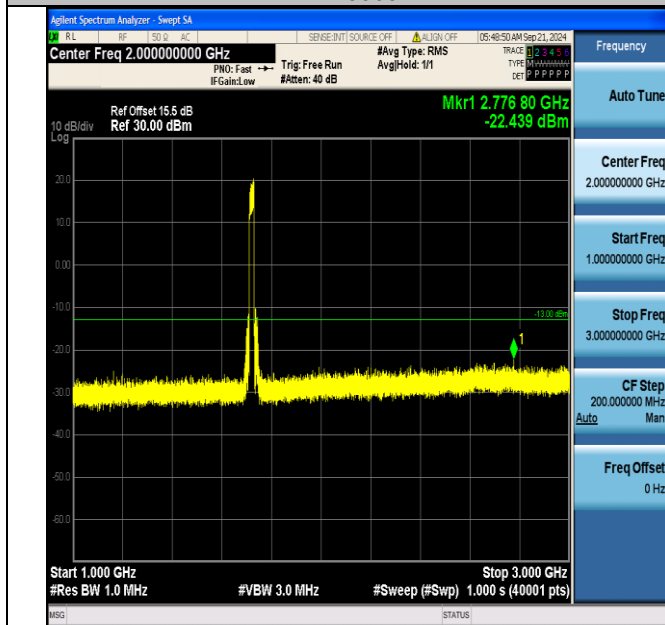
Band66_20MHz_16QAM_132072_1RB#99_1000~3000_1000~3000



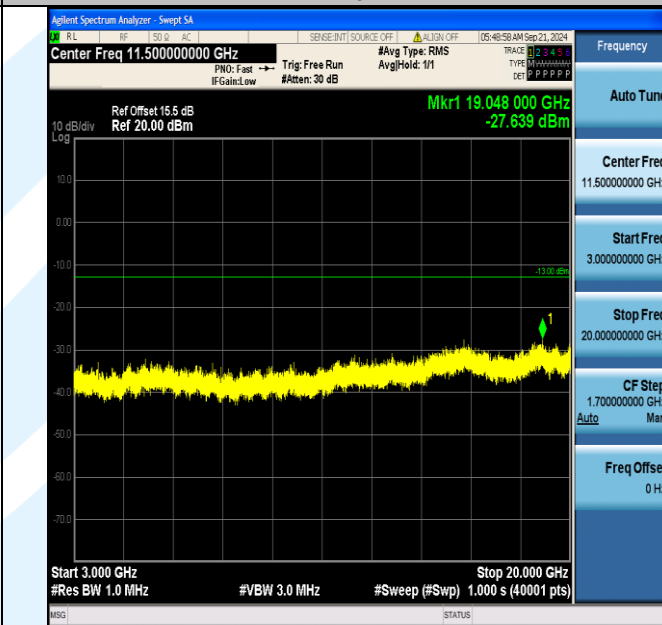
Band66_20MHz_16QAM_132072_1RB#99_3000~20000_3000~20000



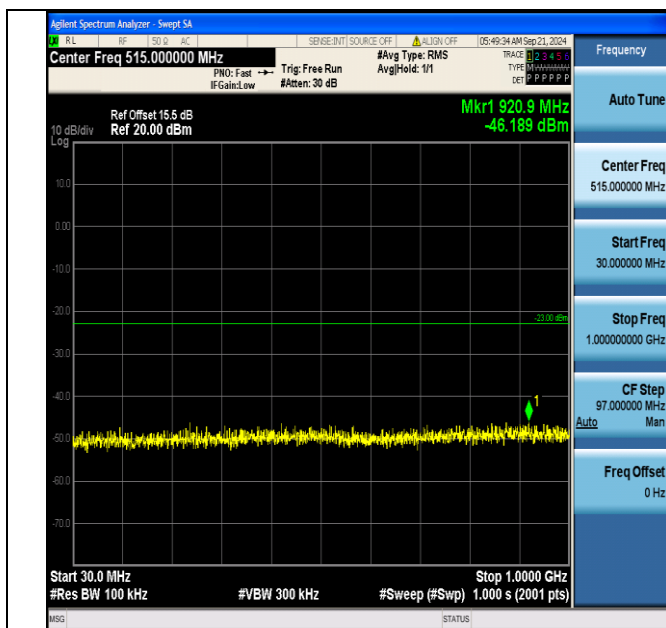
Band66_20MHz_16QAM_132072_100RB#0_30~1000_30~1000



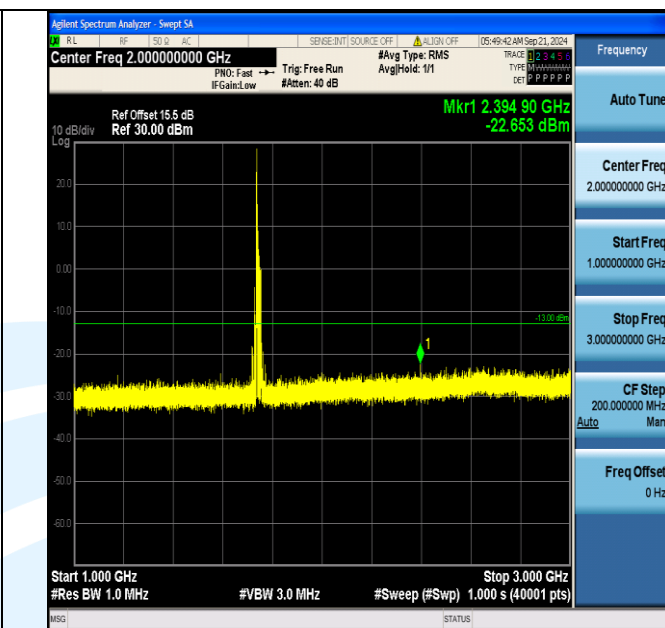
Band66_20MHz_16QAM_132072_100RB#0_1000~3000_1000~3000



Band66_20MHz_16QAM_132072_100RB#0_3000~20000_3000~20000



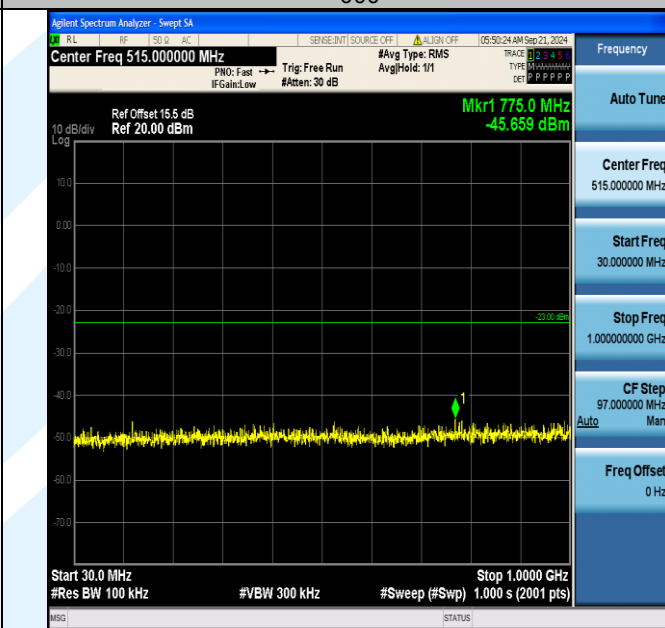
Band66_20MHz_16QAM_132322_1RB#0_30~1000_30~1000



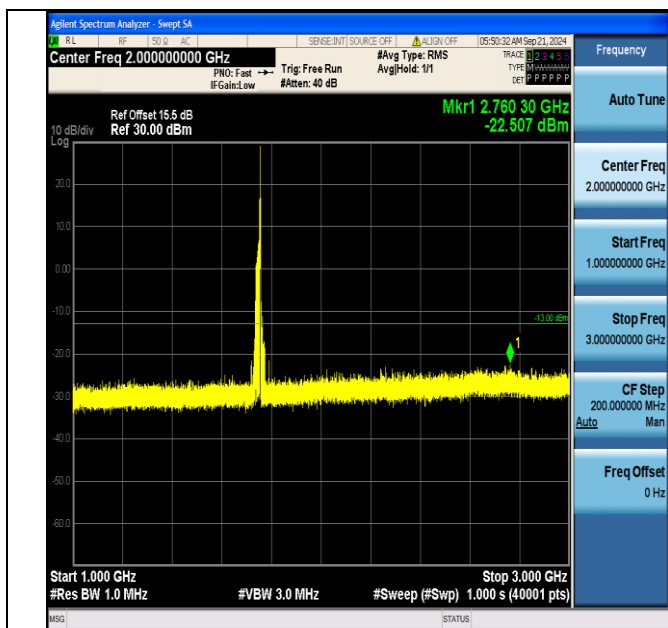
Band66_20MHz_16QAM_132322_1RB#0_1000~3000_1000~3000



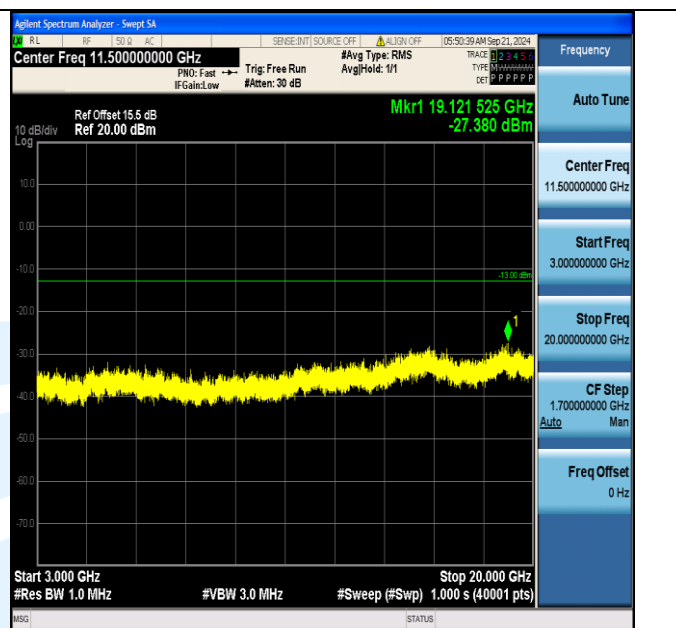
Band66_20MHz_16QAM_132322_1RB#0_3000~20000_3000~20000



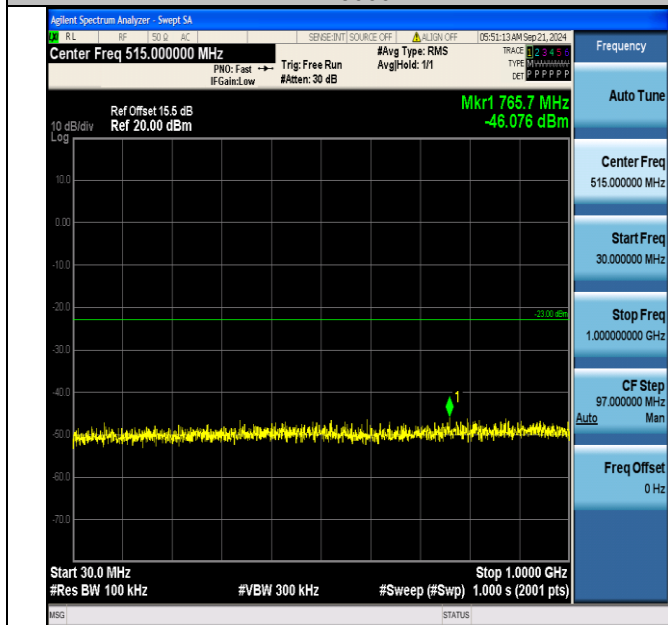
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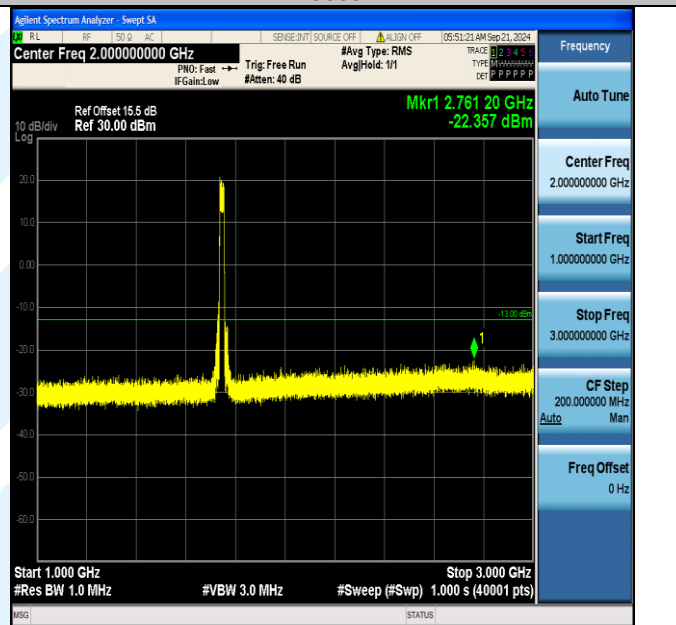
Band66_20MHz_16QAM_132322_1RB#99_1000~3000_1000~3000



Band66_20MHz_16QAM_132322_1RB#99_3000~20000_3000~20000



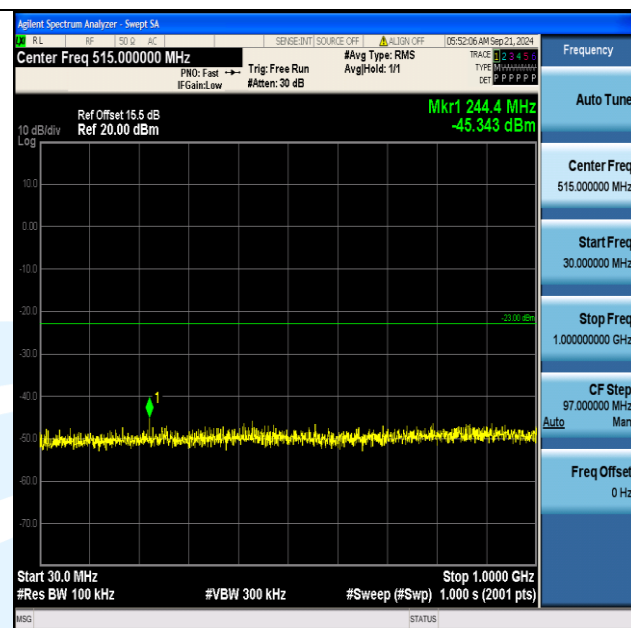
Band66_20MHz_16QAM_132322_100RB#0_30~1000_30~1000



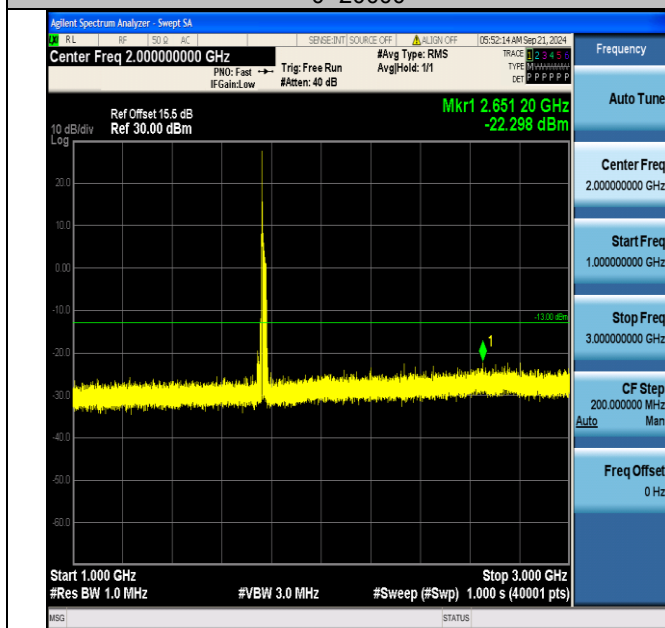
Band66_20MHz_16QAM_132322_100RB#0_1000~3000_1000~3000



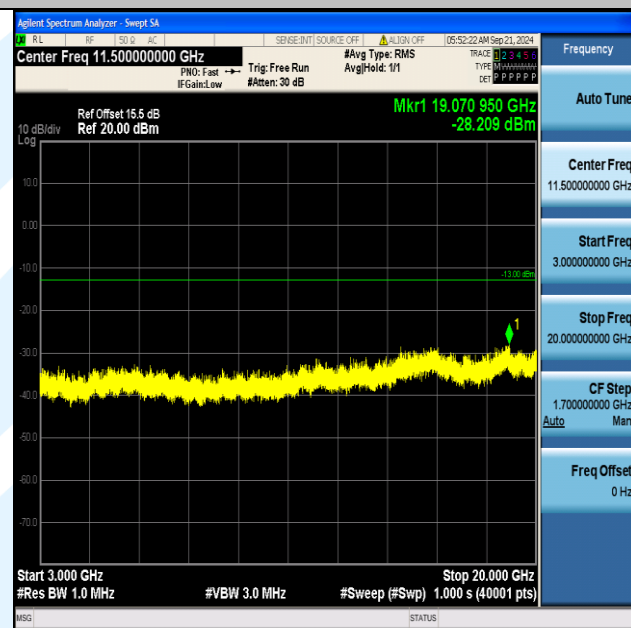
Band66_20MHz_16QAM_132322_100RB#0_3000~20000_3000~20000



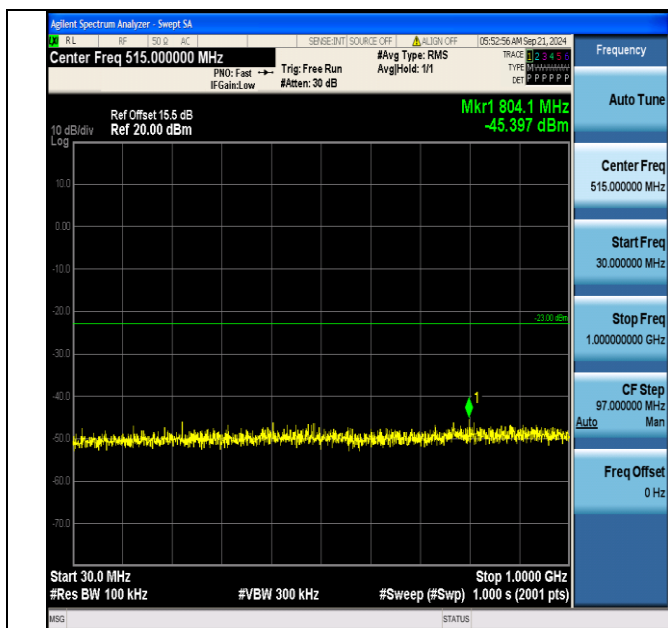
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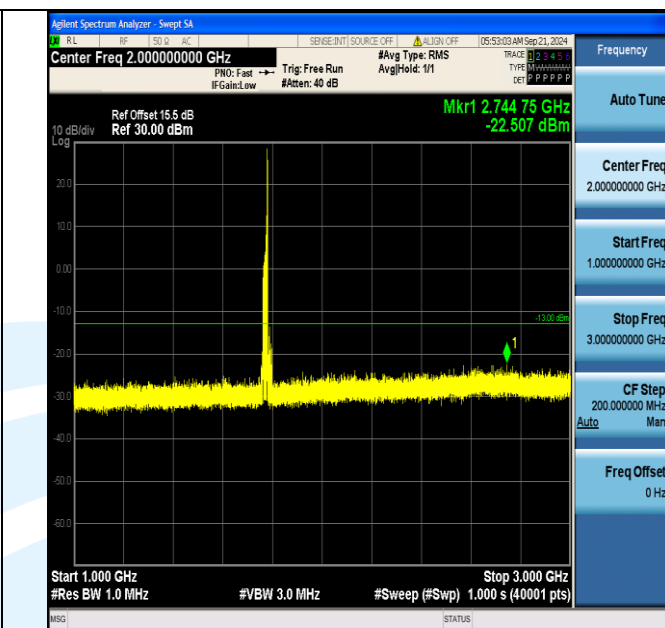
Band66_20MHz_16QAM_132572_1RB#0_1000~3000_1000~3000



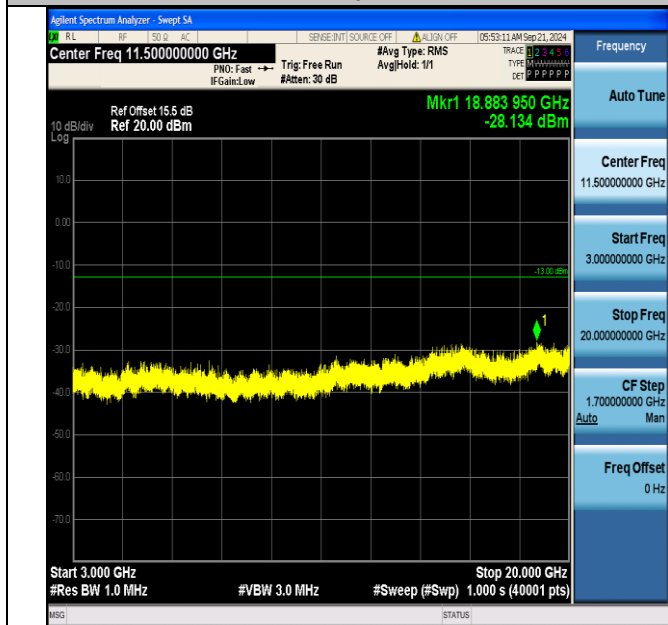
Band66_20MHz_16QAM_132572_1RB#0_3000~20000_3000~20000



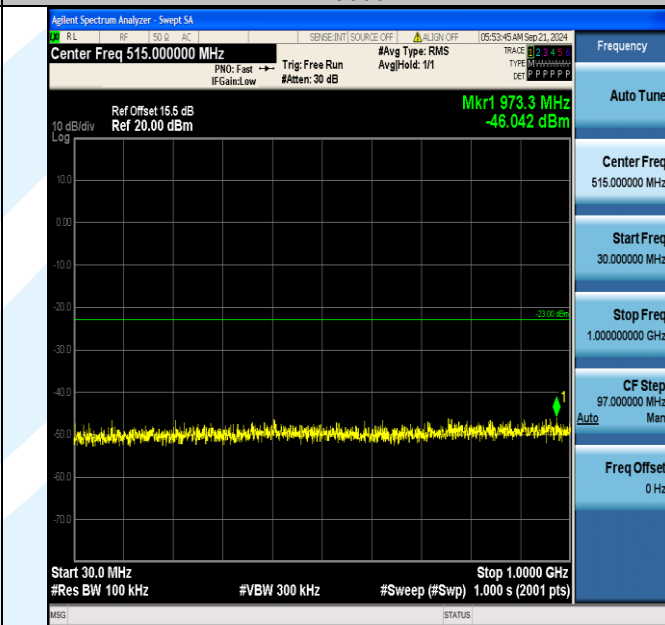
Band66_20MHz_16QAM_132572_1RB#99_30~1000_30~1000



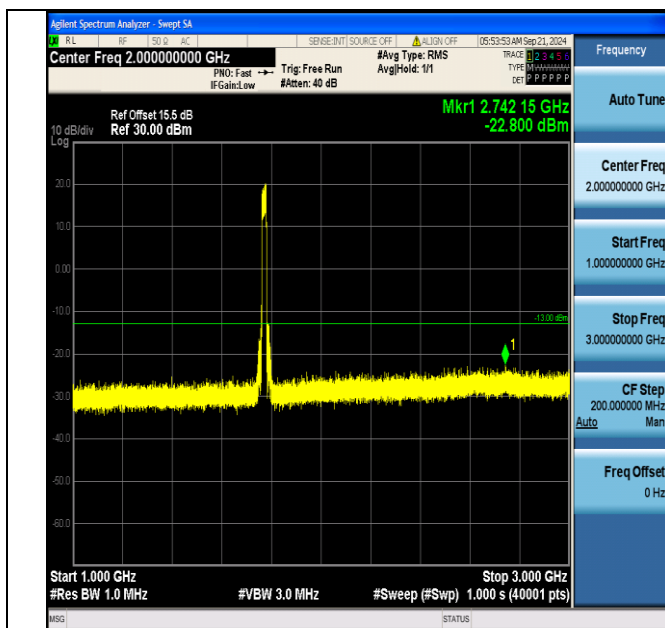
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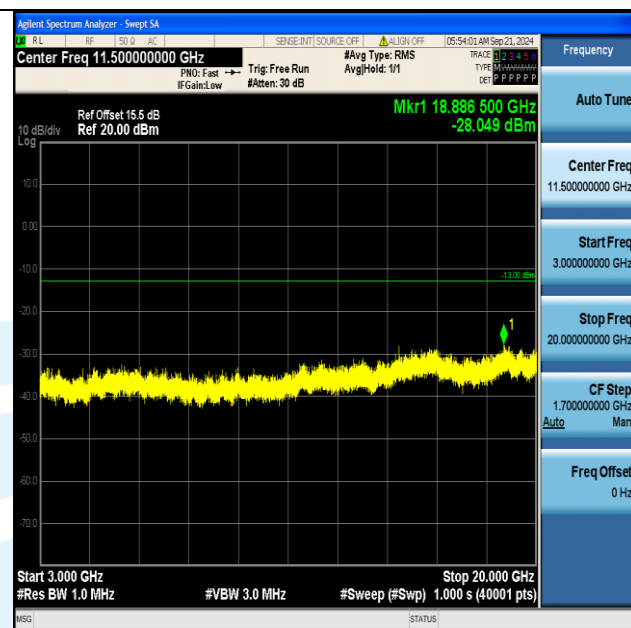
Band66_20MHz_16QAM_132572_1RB#99_3000~20000_3000~20000



Band66_20MHz_16QAM_132572_100RB#0_30~1000_30~1000



Band66_20MHz_16QAM_132572_100RB#0_1000~3000_1000~3000



Band66_20MHz_16QAM_132572_100RB#0_3000~20000_3000~20000

APPENDIX A5: FREQUENCY STABILITY

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	26.89	0.014303	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	15.62	0.008309	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	7.08	0.003766	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-13.78	-0.007330	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-23.27	-0.012378	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-34.22	-0.018202	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-41.57	-0.022112	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-50.63	-0.026931	±20	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-22.32	-0.011872	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	29.31	0.016918	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	30.13	0.017391	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	30.97	0.017876	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	30.21	0.017437	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	28.08	0.016208	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	28.42	0.016404	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	29.15	0.016825	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	28.15	0.016248	±20	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	25.69	0.014828	±20	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	26.87	0.032122	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	26.92	0.032182	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	29.55	0.035326	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	25.52	0.030508	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	22.67	0.027101	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	23.33	0.027890	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	22.77	0.027221	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	20.54	0.024555	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	20.83	0.024901	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	22.60	0.027017	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	26.18	0.031297	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	26.28	0.031417	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	31.70	0.037896	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	31.61	0.037788	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	34.50	0.041243	±2.5	PASS

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Band5	10MHz	16QAM	20525	50RB#0	NV	30	34.55	0.041303	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	38.65	0.046204	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	41.57	0.049695	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	35.25	0.013905	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	17.54	0.006919	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	28.88	0.011393	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	44.50	0.017554	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	55.80	0.022012	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	35.83	0.014134	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	46.22	0.018233	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	57.08	0.022517	±20	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-5.66	-0.002233	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	24.62	0.009487	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	25.45	0.009807	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	23.95	0.009229	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	26.98	0.010397	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	27.94	0.010767	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	29.37	0.011318	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	20.99	0.008089	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	24.79	0.009553	±20	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	29.08	0.011206	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-14.28	-0.005503	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	8.83	0.003403	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	20.11	0.007750	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	31.71	0.012220	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	43.96	0.016940	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	52.07	0.020066	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	28.35	0.010925	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	33.66	0.012971	±20	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	46.94	0.018089	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-30	47.44	0.020537	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-20	50.65	0.021926	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-10	49.22	0.021307	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	0	44.55	0.019286	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	10	48.02	0.020788	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	20	47.31	0.020481	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	30	47.82	0.020701	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	40	44.42	0.019229	±20	PASS
Band40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	50	44.29	0.019173	±20	PASS

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Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	21.77	0.009244	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	27.19	0.011546	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	27.74	0.011779	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	23.66	0.010047	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	29.34	0.012459	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	23.10	0.009809	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	23.98	0.010183	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	29.93	0.012709	±20	PASS
Band40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	30.81	0.013083	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	-30	23.67	0.009104	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	-20	31.89	0.012265	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	-10	48.64	0.018708	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	0	-20.07	-0.007719	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	10	-17.32	-0.006662	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	20	4.62	0.001777	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	30	13.05	0.005019	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	40	17.50	0.006731	±20	PASS
Band41(2555-2655)	20MHz	QPSK	40690	100RB#0	NV	50	32.26	0.012408	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	-30	48.09	0.018496	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	-20	14.93	0.005742	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	-10	31.71	0.012196	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	0	48.85	0.018788	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	10	-12.75	-0.004904	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	20	20.08	0.007723	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	30	27.31	0.010504	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	40	46.45	0.017865	±20	PASS
Band41(2555-2655)	20MHz	16QAM	40690	100RB#0	NV	50	19.35	0.007442	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	10.46	0.006081	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-4.09	-0.002378	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	-13.09	-0.007610	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-14.73	-0.008564	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-20.14	-0.011709	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-23.67	-0.013762	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	-27.59	-0.016041	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	-37.61	-0.021866	±20	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	-36.52	-0.021233	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	20.14	0.011542	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	13.23	0.007582	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-10	6.47	0.003708	±20	PASS

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Band66	20MHz	16QAM	132322	100RB#0	NV	0	-13.32	-0.007633	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-21.82	-0.012504	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-32.07	-0.018378	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	30	-39.24	-0.022487	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	40	-10.41	-0.005966	±20	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	50	-21.46	-0.012298	±20	PASS

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