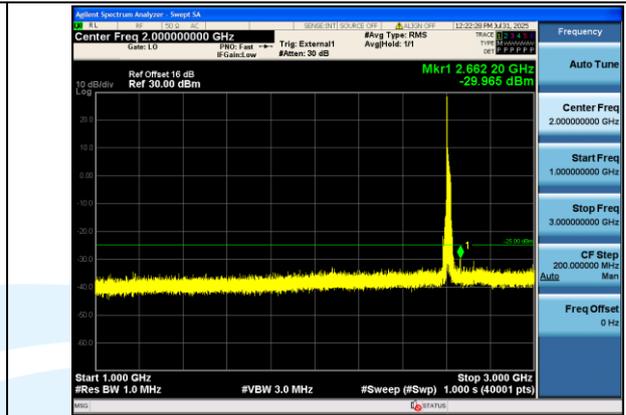


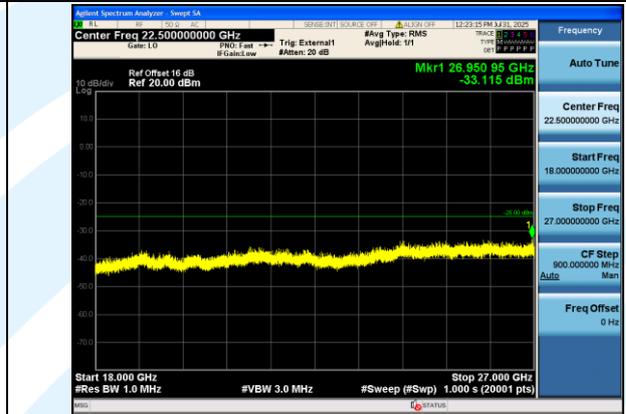
Band38_20MHz_16QAM_38150_1RB#0_30~1000_30~1000



Band38_20MHz_16QAM_38150_1RB#0_1000~3000_1000~3000



Band38_20MHz_16QAM_38150_1RB#0_3000~18000_3000~18000



Band38_20MHz_16QAM_38150_1RB#0_18000~27000_18000~27000

A.5 FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage			Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temp. (°C)	Deviation (Hz)			
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	14.35	0.007633	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-4.05	0.002154	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	7.04	0.003745	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-12.20	0.007042	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-19.80	0.011429	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-7.75	0.004473	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	3.60	0.004304	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	4.05	0.004842	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-3.73	0.004459	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-25.53	0.010071	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	11.97	0.004722	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	17.78	0.007014	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	38.15	0.014701	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	60.17	0.023187	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	18.04	0.006952	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	11.37	0.006048	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-8.20	0.004362	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	4.39	0.002335	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	6.57	0.003495	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	9.17	0.004878	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	12.56	0.006681	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	16.55	0.008803	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	17.32	0.009213	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	27.85	0.014814	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	19.48	0.011244	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	32.09	0.018522	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	33.16	0.019140	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-7.28	0.004202	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-3.68	0.002124	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-4.69	0.002707	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-3.98	0.002297	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-5.65	0.00326	±2.5	PASS

								1		
Band4	20MHz	QPSK	20175	100RB# 0	NV	50	-4.51	0.00260 3	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	4.23	0.00505 7	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	3.71	0.00443 5	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	3.53	0.00422 0	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	9.41	0.01124 9	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	11.03	0.01318 6	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	13.99	0.01672 4	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	14.86	0.01776 4	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	14.15	0.01691 6	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	15.38	0.01838 6	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	-30	23.63	0.00932 1	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	-20	26.51	0.01045 8	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	-10	28.40	0.01120 3	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	0	32.42	0.01278 9	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	10	20.73	0.00817 8	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	20	24.66	0.00972 8	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	30	36.58	0.01443 0	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	40	39.15	0.01544 4	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB# 0	NV	50	36.21	0.01428 4	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	-30	26.35	0.01015 4	±2.5	PASS

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Band38	20MHz	QPSK	38000	100RB# 0	NV	-20	45.46	0.01751 8	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	-10	60.85	0.02344 9	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	0	16.87	0.00650 1	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	10	-10.56	- 0.00406 9	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	20	-16.38	- 0.00631 2	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	30	-30.26	- 0.01166 1	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	40	-40.87	- 0.01575 0	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB# 0	NV	50	-50.90	- 0.01961 5	±2.5	PASS