

Test Band = SA Band 25\_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.18	47.81	-110.93	-63.12	-13.00	50.12	142	2	Horizontal
2	5593.77	49.63	-106.22	-56.59	-13.00	43.59	265	294	Horizontal
3	7458.36	46.79	-100.54	-53.75	-13.00	40.75	251	47	Horizontal
4	9322.95	46.55	-95.03	-48.48	-13.00	35.48	144	16	Horizontal
5	11187.54	42.75	-90.86	-48.11	-13.00	35.11	185	327	Horizontal
6	13052.13	43.76	-90.31	-46.55	-13.00	33.55	265	228	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.18	48.00	-110.93	-62.93	-13.00	49.93	142	357	Vertical
2	5593.77	51.18	-106.22	-55.04	-13.00	42.04	263	313	Vertical
3	7458.36	46.25	-100.54	-54.29	-13.00	41.29	255	265	Vertical
4	9322.95	47.23	-95.03	-47.80	-13.00	34.80	177	329	Vertical
5	11187.54	42.51	-90.86	-48.35	-13.00	35.35	266	82	Vertical
6	13052.13	43.60	-90.31	-46.71	-13.00	33.71	211	8	Vertical



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**Test Band = SA Band 25\_ TM1**  
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.18	48.21	-110.80	-62.59	-13.00	49.59	263	96	Horizontal
2	5631.27	49.69	-106.06	-56.37	-13.00	43.37	251	80	Horizontal
3	7508.36	47.54	-100.31	-52.77	-13.00	39.77	178	96	Horizontal
4	9385.45	47.03	-94.89	-47.86	-13.00	34.86	268	329	Horizontal
5	11262.54	43.34	-91.13	-47.79	-13.00	34.79	148	0	Horizontal
6	13139.63	43.97	-90.18	-46.21	-13.00	33.21	144	243	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.18	46.92	-110.80	-63.88	-13.00	50.88	263	9	Vertical
2	5631.27	50.12	-106.06	-55.94	-13.00	42.94	284	3	Vertical
3	7508.36	48.22	-100.31	-52.09	-13.00	39.09	175	182	Vertical
4	9385.45	45.80	-94.89	-49.09	-13.00	36.09	298	118	Vertical
5	11262.54	44.14	-91.13	-46.99	-13.00	33.99	244	213	Vertical
6	13139.63	42.97	-90.18	-47.21	-13.00	34.21	144	345	Vertical



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## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	4.800000	0.002550	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	4.100000	0.002178	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	2.300000	0.001222	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VH	NT	2.300000	0.001222	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VN	NT	10.500000	0.005578	PASS
N25	15	40	CP-QPSK	M	Outer_Full	VL	NT	5.900000	0.003134	PASS



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**Frequency Error VS. Temperature**

**Temperature**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	9.300000	0.004940	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	8.400000	0.004462	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	15.400000	0.008181	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	18.800000	0.009987	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	17.600000	0.009349	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	15.000000	0.007968	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	16.400000	0.008712	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	11.600000	0.006162	PASS
N25	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	5.100000	0.002709	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-30	3.400000	0.001806	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-20	12.000000	0.006375	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	-10	3.900000	0.002072	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	0	5.200000	0.002762	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	10	6.300000	0.003347	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	20	4.100000	0.002178	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	30	10.600000	0.005631	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	40	4.200000	0.002231	PASS
N25	15	40	CP-QPSK	M	Outer_Full	NV	50	8.700000	0.004622	PASS

---End of Attachment---



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