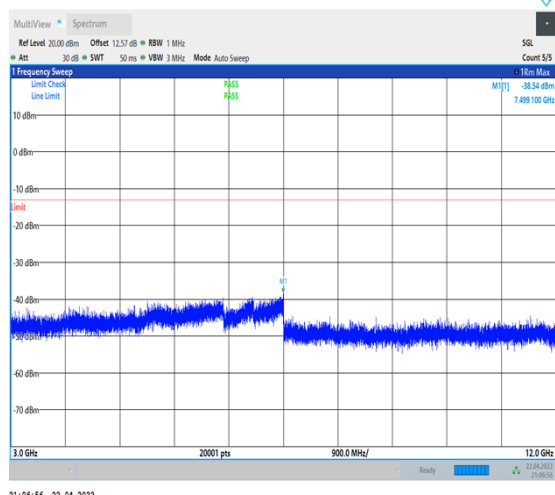


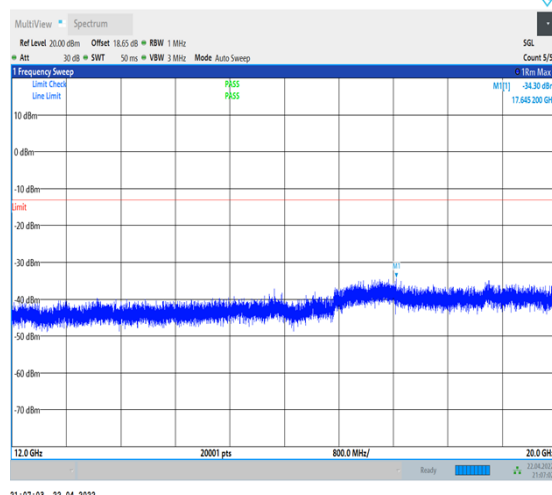
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1-N66-PC3-15-40-H-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-3000-12000-Ant1--38.54--13-  
PASS



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-12000-20000-Ant1--34.30--13-  
PASS



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## Field Strength of Spurious Radiation

**Test Band = SA Band 66\_ TM1**
**Test Channel = Low Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.18	50.07	-111.70	-61.63	-13.00	48.63	263	3	Horizontal
2	5136.27	50.07	-106.90	-56.83	-13.00	43.83	254	185	Horizontal
3	6848.36	48.30	-101.86	-53.56	-13.00	40.56	178	88	Horizontal
4	8560.45	45.87	-96.84	-50.97	-13.00	37.97	265	185	Horizontal
5	10272.54	43.05	-93.21	-50.16	-13.00	37.16	241	185	Horizontal
6	11796.75	53.37	-91.76	-38.39	-13.00	25.39	144	210	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.18	51.64	-111.70	-60.06	-13.00	47.06	263	327	Vertical
2	5136.27	49.64	-106.90	-57.26	-13.00	44.26	254	226	Vertical
3	6848.36	48.77	-101.86	-53.09	-13.00	40.09	178	62	Vertical
4	8560.45	46.38	-96.84	-50.46	-13.00	37.46	263	3	Vertical
5	10272.54	42.73	-93.21	-50.48	-13.00	37.48	241	339	Vertical
6	11984.63	44.25	-91.98	-47.73	-13.00	34.73	178	127	Vertical



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**Test Band = SA Band 66\_ 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	3454.18	50.56	-111.64	-61.08	-13.00	48.08	211	129	Horizontal
2	5181.27	49.34	-106.84	-57.50	-13.00	44.50	251	64	Horizontal
3	6908.36	47.80	-101.69	-53.89	-13.00	40.89	186	265	Horizontal
4	8635.45	46.87	-96.72	-49.85	-13.00	36.85	142	178	Horizontal
5	10362.54	41.96	-92.97	-51.01	-13.00	38.01	261	360	Horizontal
6	12089.63	42.22	-91.77	-49.55	-13.00	36.55	143	326	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	50.76	-111.64	-60.88	-13.00	47.88	263	3	Vertical
2	5181.27	49.36	-106.84	-57.48	-13.00	44.48	251	3	Vertical
3	6908.36	48.94	-101.69	-52.75	-13.00	39.75	174	255	Vertical
4	8635.45	46.94	-96.72	-49.78	-13.00	36.78	186	181	Vertical
5	10362.54	42.27	-92.97	-50.70	-13.00	37.70	254	278	Vertical
6	12089.63	43.29	-91.77	-48.48	-13.00	35.48	144	340	Vertical



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**Test Band = SA Band 66\_ 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	3484.18	50.26	-111.58	-61.32	-13.00	48.32	142	360	Horizontal
2	5226.27	50.90	-106.77	-55.87	-13.00	42.87	263	52	Horizontal
3	6968.36	47.54	-101.66	-54.12	-13.00	41.12	284	189	Horizontal
4	8710.45	47.63	-96.32	-48.69	-13.00	35.69	176	176	Horizontal
5	10452.54	42.70	-92.69	-49.99	-13.00	36.99	294	78	Horizontal
6	12194.63	42.08	-91.72	-49.64	-13.00	36.64	144	356	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3484.18	50.78	-111.58	-60.80	-13.00	47.80	241	251	Vertical
2	5226.27	49.63	-106.77	-57.14	-13.00	44.14	175	27	Vertical
3	6968.36	47.51	-101.66	-54.15	-13.00	41.15	263	137	Vertical
4	8710.45	46.93	-96.32	-49.39	-13.00	36.39	284	312	Vertical
5	10452.54	43.95	-92.69	-48.74	-13.00	35.74	163	360	Vertical
6	12194.63	43.17	-91.72	-48.55	-13.00	35.55	241	27	Vertical



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Test Band = NR UL CA n41A-n66A\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	51.15	-111.74	-60.59	-25.00	35.59	284	251	Horizontal
2	5002.2	49.66	-107.58	-57.92	-25.00	32.92	263	0	Horizontal
3	5106.27	49.39	-106.94	-57.55	-25.00	32.55	263	224	Horizontal
4	6808.36	51.17	-101.99	-50.82	-25.00	25.82	241	251	Horizontal
5	7491.4286	54.32	-100.40	-46.08	-25.00	21.08	241	251	Horizontal
6	10004.4	45.65	-93.89	-48.24	-25.00	23.24	175	224	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	50.86	-111.74	-60.88	-25.00	35.88	263	106	Vertical
2	5002.2	49.47	-107.58	-58.11	-25.00	33.11	251	350	Vertical
3	5106.27	50.67	-106.94	-56.27	-25.00	31.27	142	148	Vertical
4	6808.36	49.49	-101.99	-52.50	-25.00	27.50	263	148	Vertical
5	7491.4286	52.38	-100.40	-48.02	-25.00	23.02	284	27	Vertical
6	10004.4	45.16	-93.89	-48.73	-25.00	23.73	174	218	Vertical



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**Test Band = NR UL CA n41A-n66A\_ 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	3454.18	51.98	-111.64	-59.66	-25.00	34.66	263	332	Horizontal
2	5096.16	49.59	-106.96	-57.37	-25.00	32.37	254	358	Horizontal
3	5181.27	50.92	-106.84	-55.92	-25.00	30.92	142	1	Horizontal
4	6908.36	49.25	-101.69	-52.44	-25.00	27.44	263	33	Horizontal
5	7644.24	49.84	-99.76	-49.92	-25.00	24.92	221	263	Horizontal
6	10192.32	43.97	-93.11	-49.14	-25.00	24.14	141	160	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	51.02	-111.64	-60.62	-25.00	35.62	214	356	Vertical
2	5096.16	50.42	-106.96	-56.54	-25.00	31.54	142	314	Vertical
3	5181.27	50.80	-106.84	-56.04	-25.00	31.04	252	245	Vertical
4	6908.36	48.57	-101.69	-53.12	-25.00	28.12	232	245	Vertical
5	7644.24	50.78	-99.76	-48.98	-25.00	23.98	251	253	Vertical
6	10192.32	43.89	-93.11	-49.22	-25.00	24.22	144	193	Vertical



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**Test Band = NR UL CA n41A-n66A\_ 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	3504.18	50.55	-111.51	-60.96	-25.00	35.96	263	76	Horizontal
2	5190.18	50.71	-106.82	-56.11	-25.00	31.11	251	349	Horizontal
3	5256.27	50.97	-106.73	-55.76	-25.00	30.76	174	33	Horizontal
4	7008.36	49.72	-101.63	-51.91	-25.00	26.91	145	209	Horizontal
5	7785.27	50.61	-98.90	-48.29	-25.00	23.29	263	200	Horizontal
6	10380.36	43.26	-92.87	-49.61	-25.00	24.61	241	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	51.79	-111.51	-59.72	-25.00	34.72	186	23	Vertical
2	5190.18	50.99	-106.82	-55.83	-25.00	30.83	263	357	Vertical
3	5256.27	51.04	-106.73	-55.69	-25.00	30.69	254	207	Vertical
4	7008.36	49.32	-101.63	-52.31	-25.00	27.31	122	324	Vertical
5	7785.27	49.68	-98.90	-49.22	-25.00	24.22	251	0	Vertical
6	10380.36	42.49	-92.87	-50.38	-25.00	25.38	174	260	Vertical



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**Test Band = NR UL CA n38A-n66A\_ TM1**
**Test Channel = Low Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.91	-111.07	-62.16	-25.00	37.16	163	11	Horizontal
2	5002.2	49.97	-107.58	-57.61	-25.00	32.61	251	82	Horizontal
3	5553.27	50.27	-106.36	-56.09	-25.00	31.09	174	273	Horizontal
4	7404.36	49.94	-100.77	-50.83	-25.00	25.83	156	143	Horizontal
5	7503.3	49.53	-100.34	-50.81	-25.00	25.81	265	82	Horizontal
6	10004.4	46.44	-93.89	-47.45	-25.00	22.45	241	221	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	49.31	-111.07	-61.76	-25.00	36.76	263	80	Vertical
2	5002.2	50.26	-107.58	-57.32	-25.00	32.32	254	88	Vertical
3	5553.27	50.47	-106.36	-55.89	-25.00	30.89	174	37	Vertical
4	7404.36	48.16	-100.77	-52.61	-25.00	27.61	185	211	Vertical
5	7503.3	49.09	-100.34	-51.25	-25.00	26.25	265	334	Vertical
6	10004.4	45.04	-93.89	-48.85	-25.00	23.85	235	114	Vertical



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**Test Band = NR UL CA n38A-n66A\_ 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	3742.18	49.29	-110.86	-61.57	-25.00	36.57	163	359	Horizontal
2	5096.16	50.69	-106.96	-56.27	-25.00	31.27	251	133	Horizontal
3	5613.27	50.72	-106.14	-55.42	-25.00	30.42	142	281	Horizontal
4	7484.36	48.22	-100.43	-52.21	-25.00	27.21	263	211	Horizontal
5	7644.24	50.77	-99.76	-48.99	-25.00	23.99	254	256	Horizontal
6	10192.32	43.64	-93.11	-49.47	-25.00	24.47	188	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	48.86	-110.86	-62.00	-25.00	37.00	142	162	Vertical
2	5096.16	49.31	-106.96	-57.65	-25.00	32.65	263	360	Vertical
3	5613.27	50.19	-106.14	-55.95	-25.00	30.95	254	110	Vertical
4	7484.36	48.56	-100.43	-51.87	-25.00	26.87	184	180	Vertical
5	7644.24	49.32	-99.76	-50.44	-25.00	25.44	163	329	Vertical
6	10192.32	43.39	-93.11	-49.72	-25.00	24.72	244	359	Vertical



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**Test Band = NR UL CA n38A-n66A\_ 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	3792.18	49.71	-110.61	-60.90	-25.00	35.90	263	154	Horizontal
2	5190.18	50.36	-106.82	-56.46	-25.00	31.46	241	343	Horizontal
3	5688.27	49.83	-105.81	-55.98	-25.00	30.98	175	11	Horizontal
4	7584.36	49.43	-99.90	-50.47	-25.00	25.47	263	54	Horizontal
5	7785.27	48.23	-98.90	-50.67	-25.00	25.67	284	360	Horizontal
6	10380.36	42.78	-92.87	-50.09	-25.00	25.09	144	154	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	49.39	-110.61	-61.22	-25.00	36.22	263	11	Vertical
2	5190.18	49.85	-106.82	-56.97	-25.00	31.97	241	169	Vertical
3	5688.27	49.44	-105.81	-56.37	-25.00	31.37	175	358	Vertical
4	7584.36	49.01	-99.90	-50.89	-25.00	25.89	263	135	Vertical
5	7785.27	49.01	-98.90	-49.89	-25.00	24.89	241	256	Vertical
6	10380.36	43.56	-92.87	-49.31	-25.00	24.31	196	350	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
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	5.800000	0.003324	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	5.200000	0.002980	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	0.200000	0.000115	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VH	NT	2.300000	0.001318	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VN	NT	2.100000	0.001203	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VL	NT	2.200000	0.001261	PASS



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## Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	18.400000	0.010544	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	10.900000	0.006246	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	12.800000	0.007335	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	14.200000	0.008138	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	11.900000	0.006819	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	12.800000	0.007335	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	11.400000	0.006533	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	7.700000	0.004413	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	8.600000	0.004928	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-30	15.400000	0.008825	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-20	13.900000	0.007966	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-10	7.000000	0.004011	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	0	5.400000	0.003095	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	10	-1.600000	-0.000917	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	20	5.400000	0.003095	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	30	8.800000	0.005043	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	40	11.900000	0.006819	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	50	-1.100000	-0.000630	PASS

The End



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