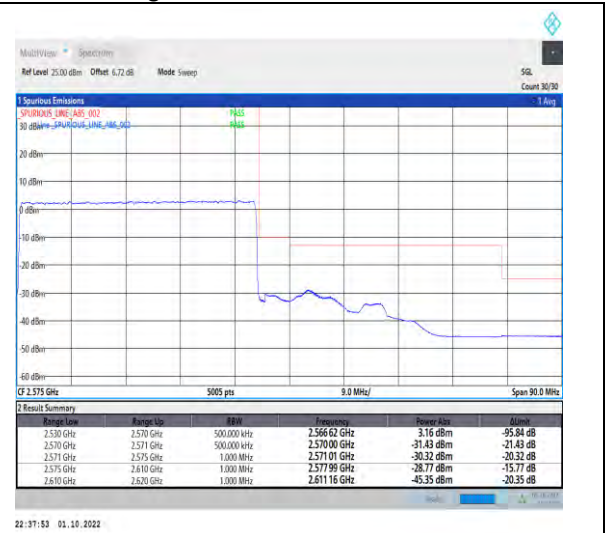
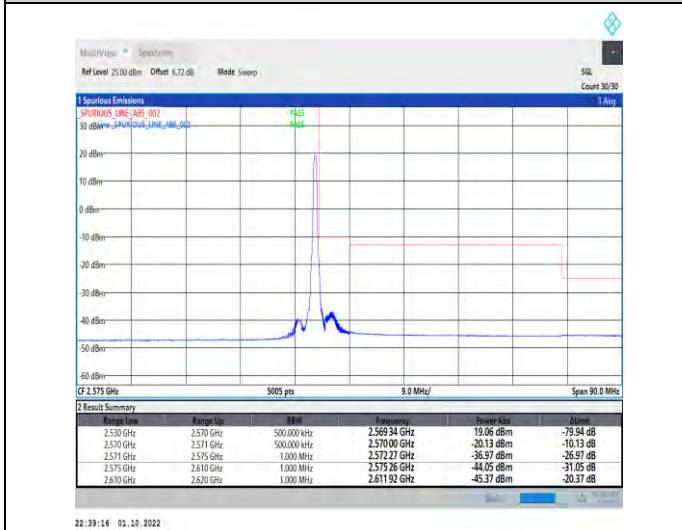


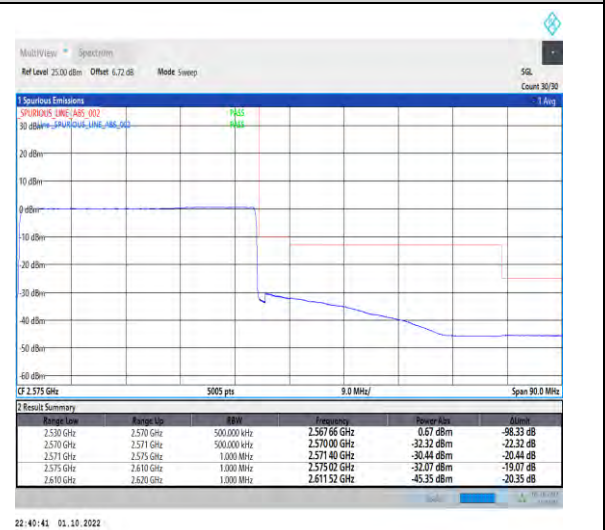
1-N7--15-40-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@2  
15-Ant1-1--PASS-see graph



1-N7--15-40-H-3-DFT-PI2BPSK-Outer\_Full-216@  
0-Ant1-1--PASS-see graph



1-N7--15-40-H-5-CP-QPSK-Edge\_1RB\_Right-1@215-  
Ant1-1--PASS-see graph



1-N7--15-40-H-6-CP-QPSK-Outer\_Full-216@0-An  
t1-1--PASS-see graph

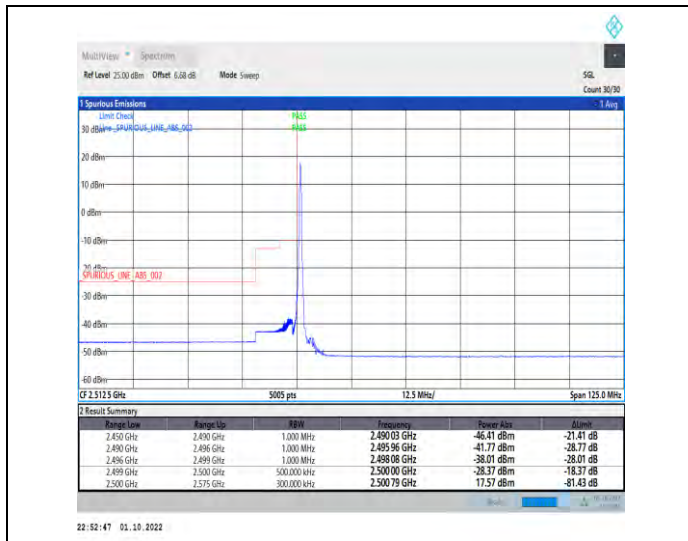


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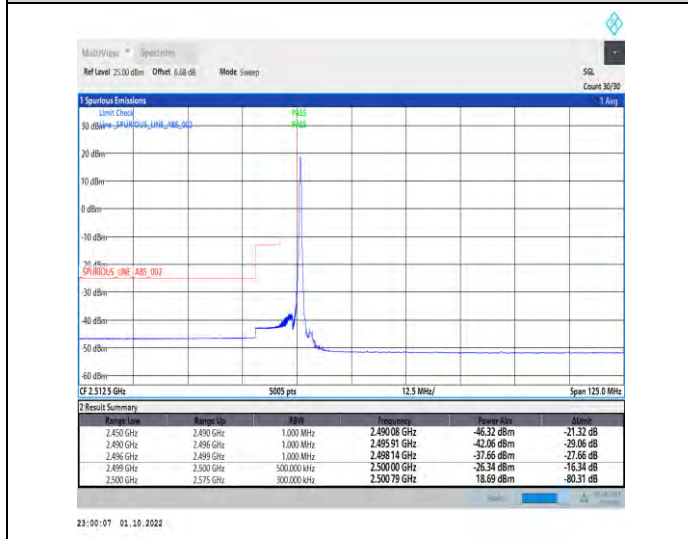
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1-N7--15-50-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N7--15-50-L-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-1--PASS-see graph

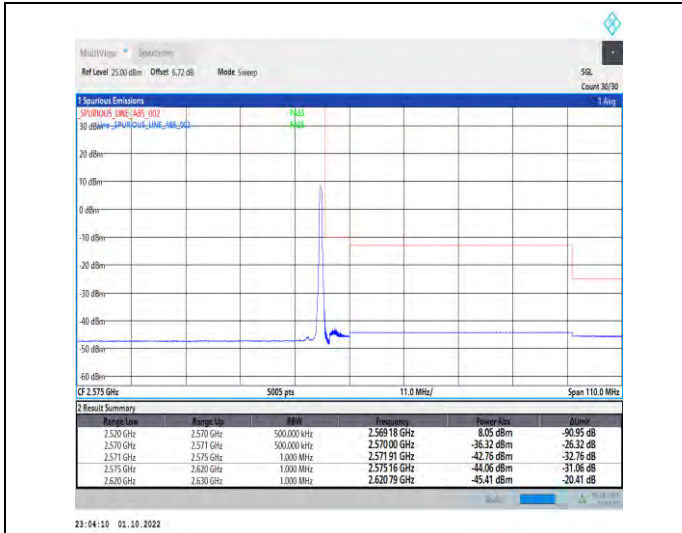


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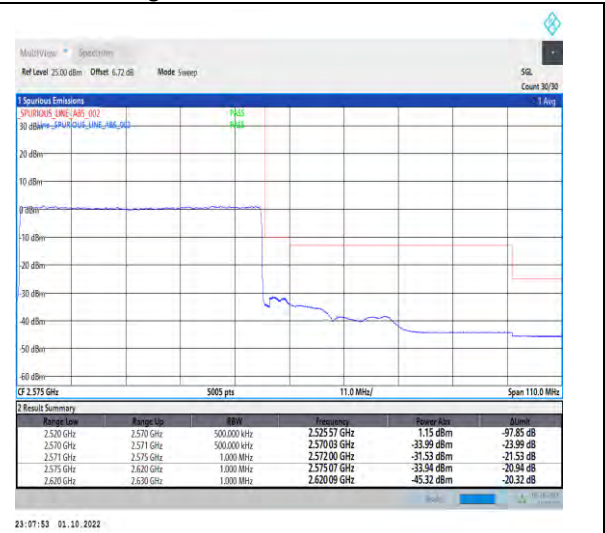
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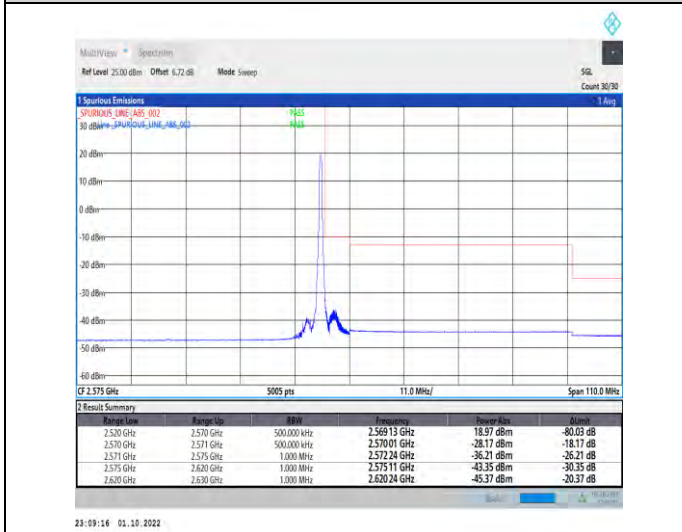
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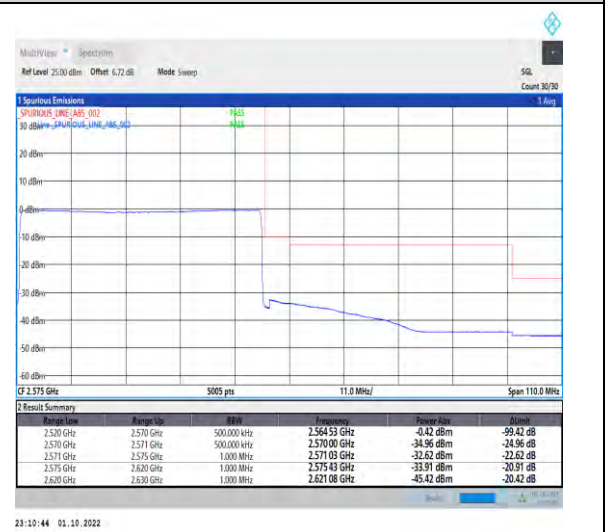
1-N7--15-50-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@2  
69-Ant1-1--PASS-see graph



1-N7--15-50-H-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-1--PASS-see graph



1-N7--15-50-H-5-CP-QPSK-Edge\_1RB\_Right-1@269-Ant1-1--PASS-see graph



1-N7--15-50-H-6-CP-QPSK-Outer\_Full-270@0-Ant1-1--PASS-see graph



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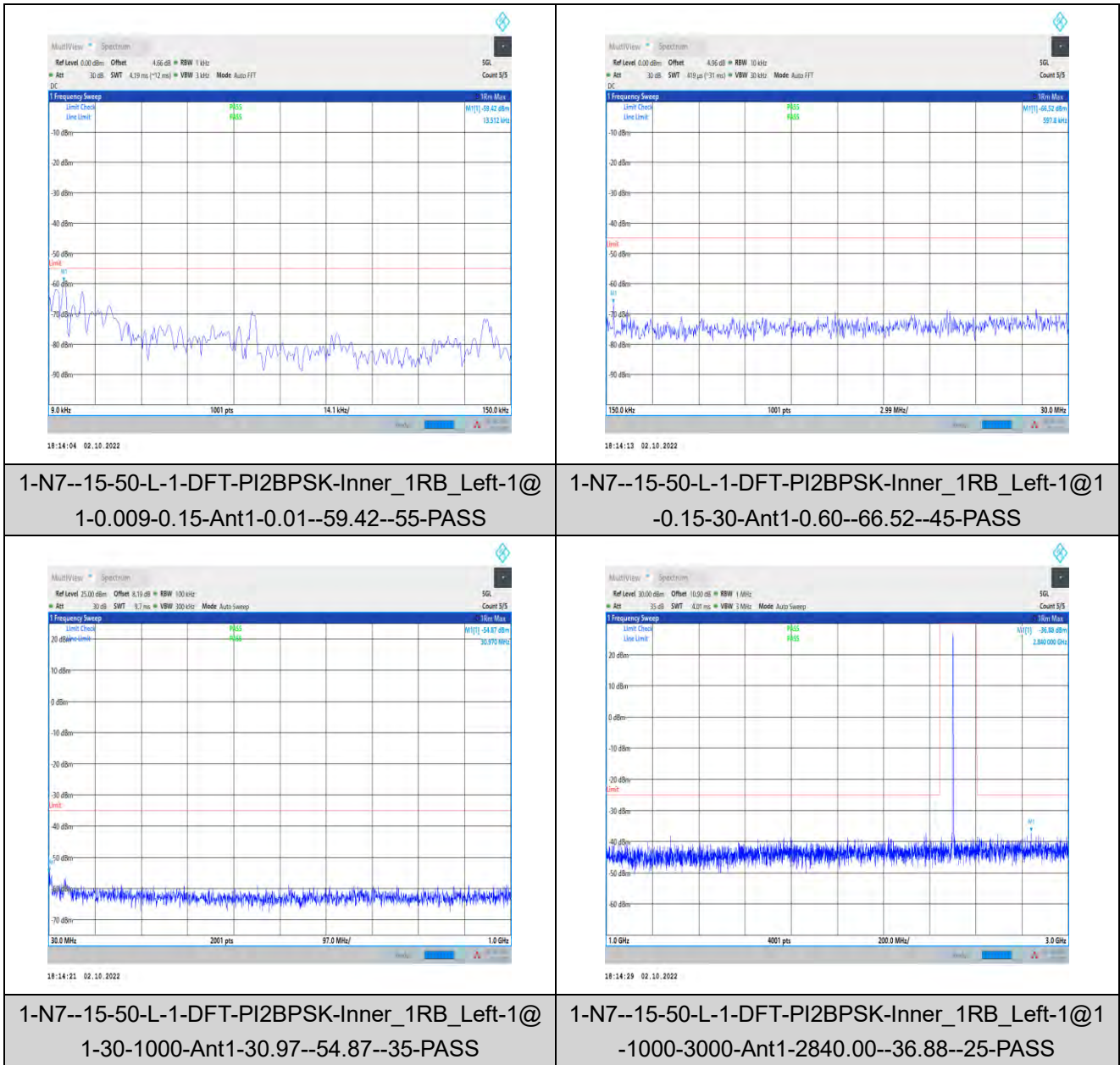
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## Conducted Spurious Emission for SA

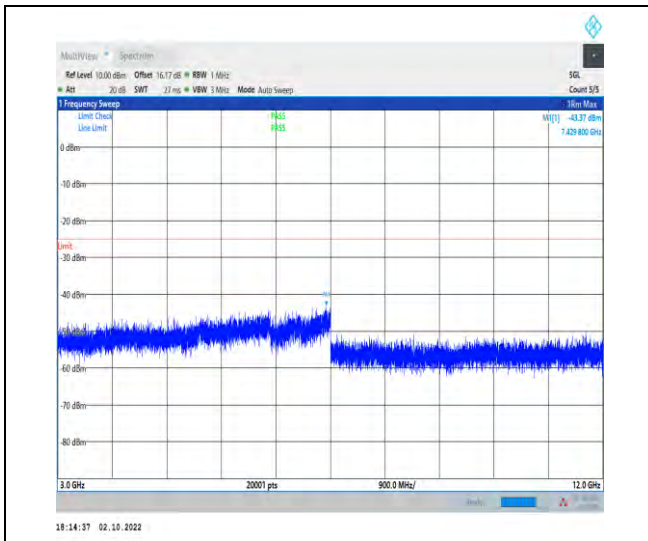
### Test Graphs



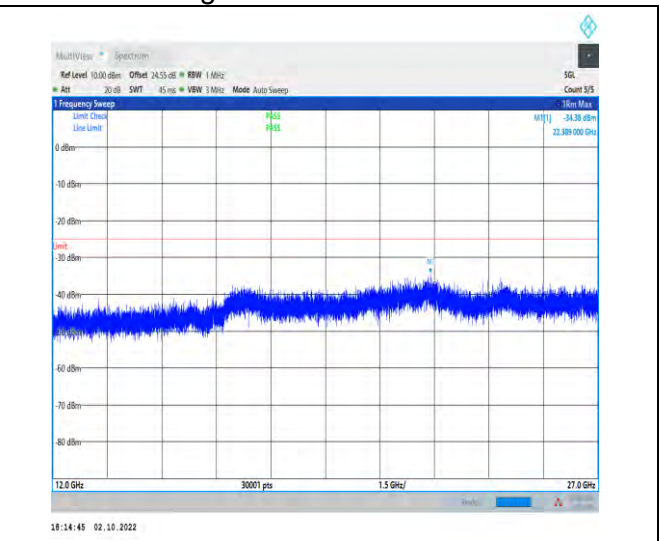
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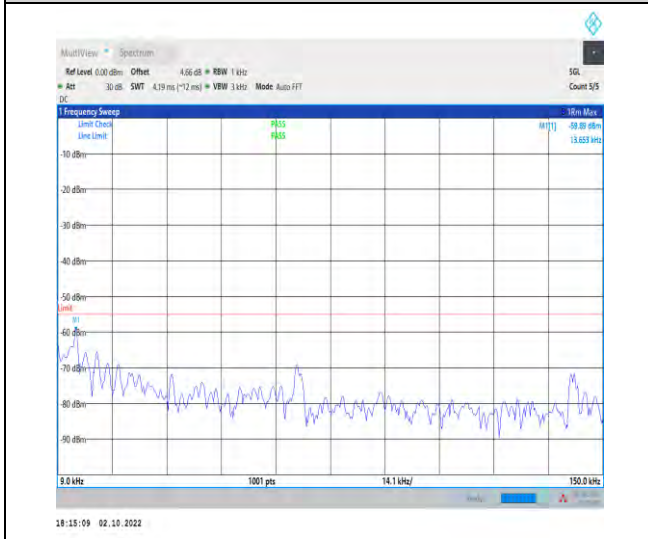
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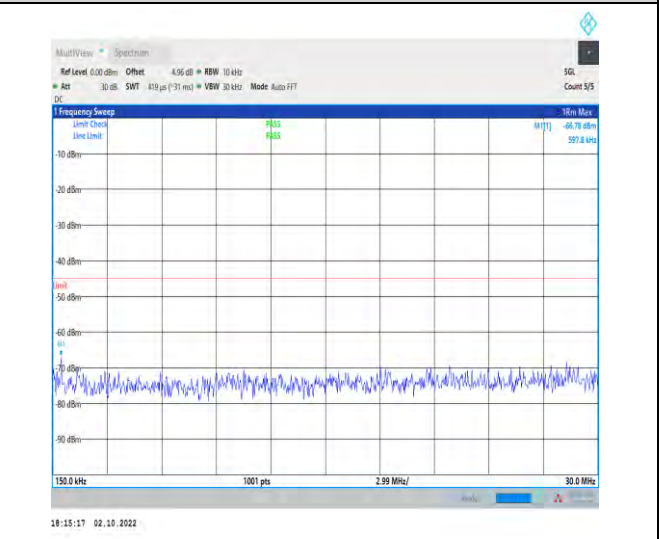
1-N7--15-50-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant1-7429.80--43.37--25-PASS



1-N7--15-50-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-12000-27000-Ant1-22389.00--34.38--25-PASS



1-N7--15-50-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@ 1-0.009-0.15-Ant1-0.01--59.89--55-PASS



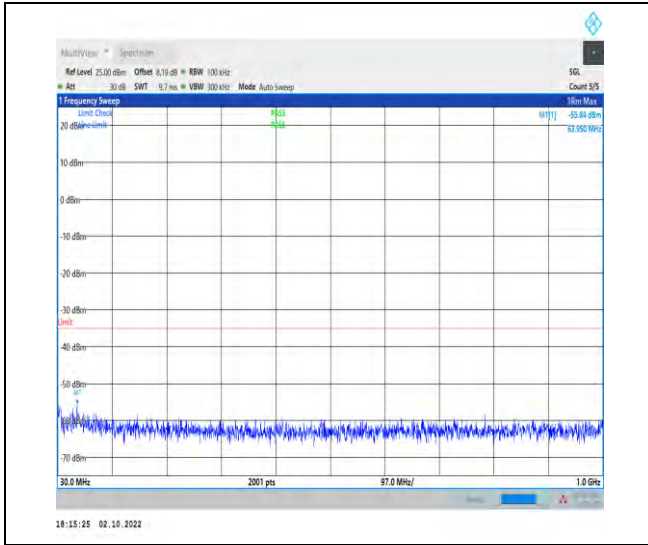
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1-0.15-30-Ant1-0.60--66.78--45-PASS



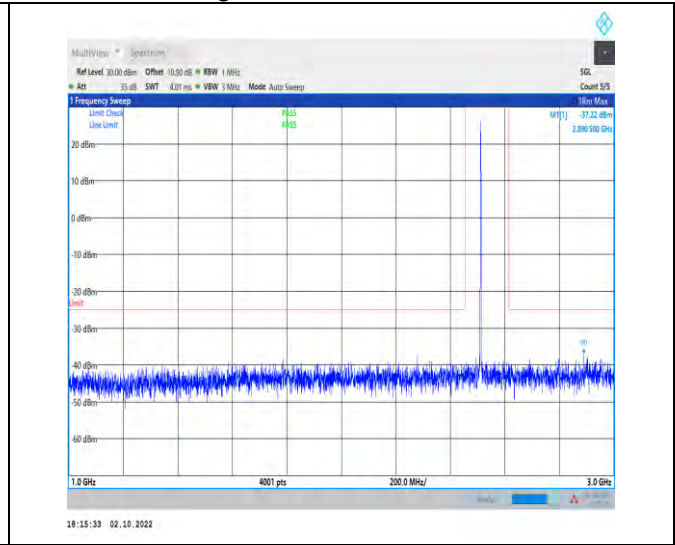
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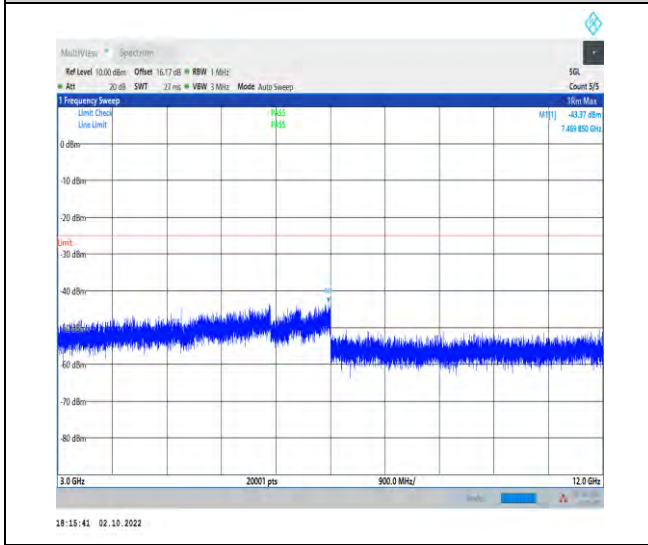
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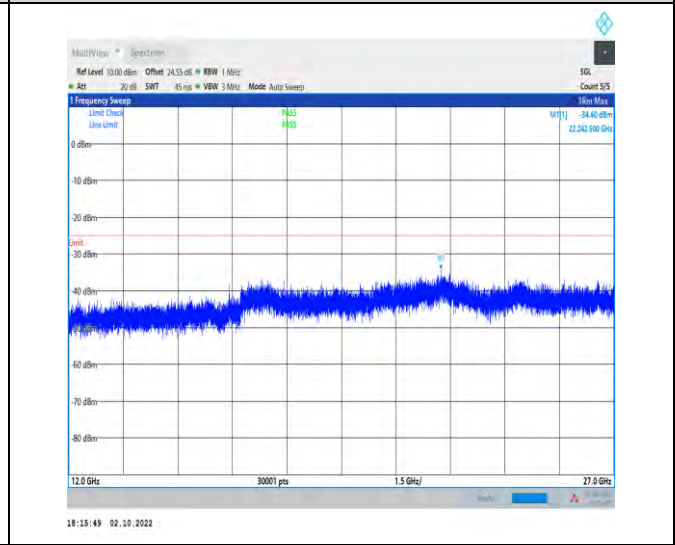
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1-N7--15-50-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @ 1-1000-3000-Ant1-2890.50--37.22--25-PASS



1-N7--15-50-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @ 1-3000-12000-Ant1-7469.85--43.37--25-PASS



1-N7--15-50-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @ 1-12000-27000-Ant1-22242.50--34.40--25-PASS



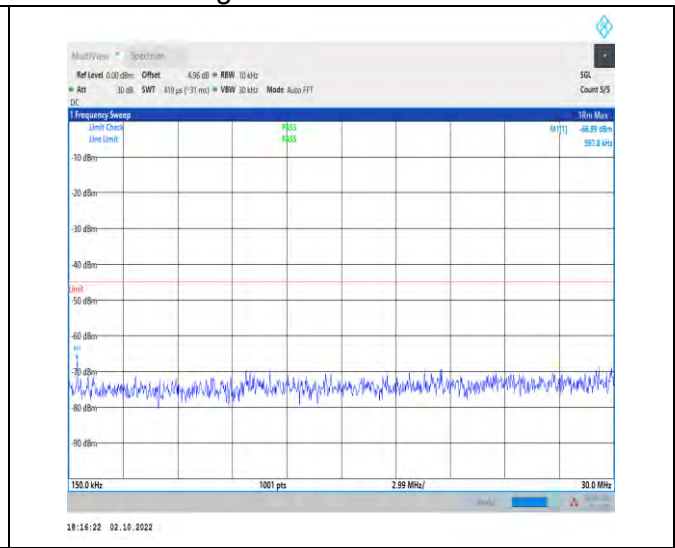
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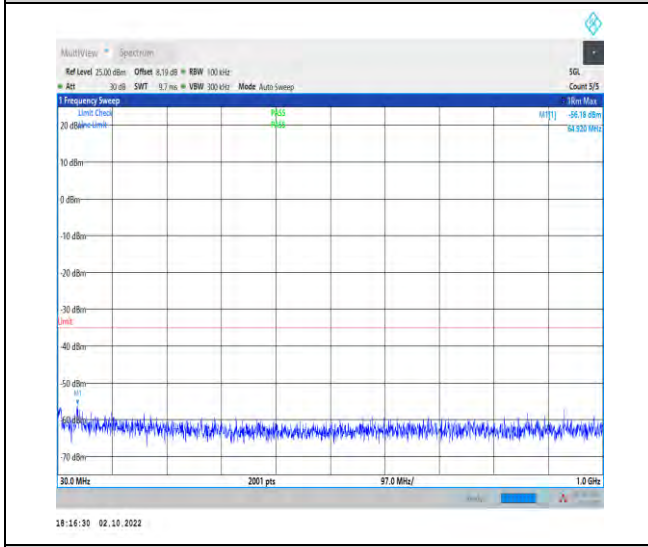
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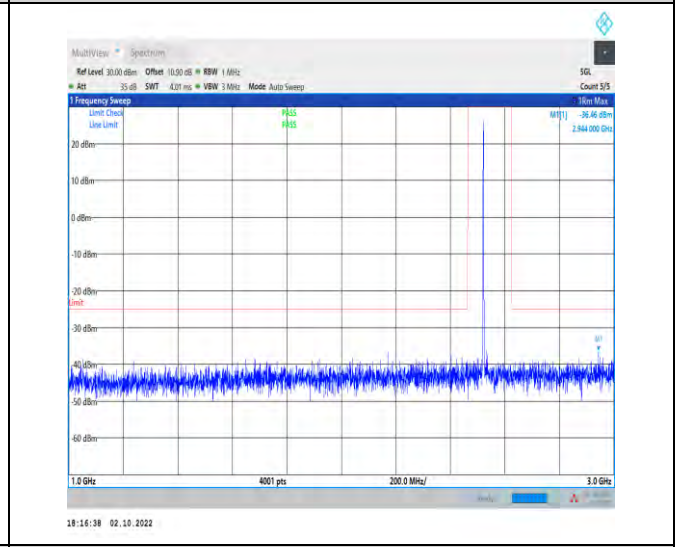
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1-N7--15-50-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@ 1-0.15-30-Ant1-0.60--66.99--45-PASS



1-N7--15-50-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1 @1-30-1000-Ant1-64.92--56.18--35-PASS



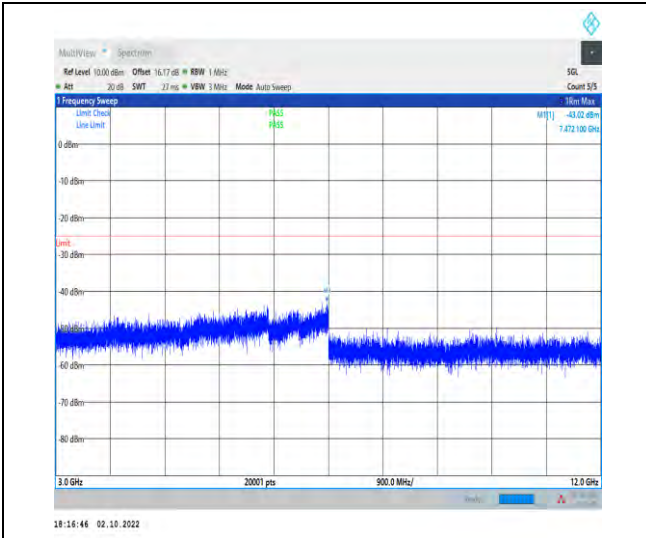
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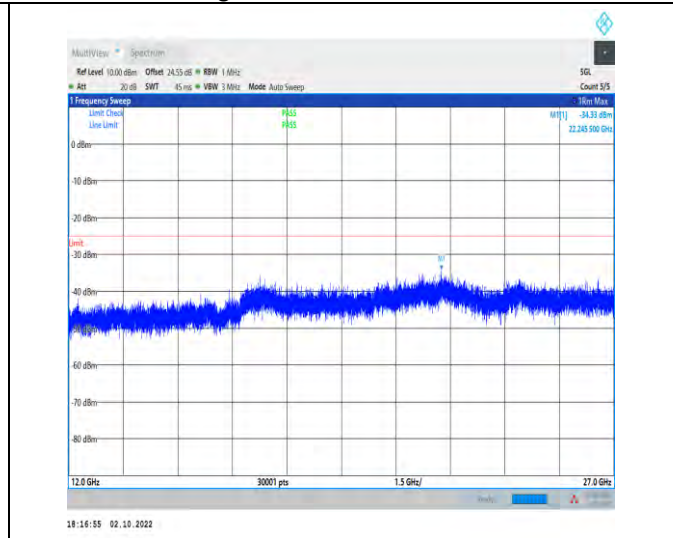
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1-N7--15-50-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1  
@ 1-3000-12000-Ant1-7472.10--43.02--25-PASS



1-N7--15-50-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-12000-27000-Ant1-22245.50--34.33--25-PASS



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### Field Strength of Spurious Radiation

Test Band = SA Band 7 ANT0\_TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	49.55	-44.90	32.60	-58.01	-25.00	33.01	163	137	Horizontal
2	7506.27	46.93	-41.58	36.51	-53.40	-25.00	28.40	265	229	Horizontal
3	10008.36	43.14	-37.12	38.51	-50.73	-25.00	25.73	241	57	Horizontal
4	12510.45	41.75	-35.18	39.11	-49.58	-25.00	24.58	185	80	Horizontal
5	15012.54	39.69	-34.02	39.18	-50.41	-25.00	25.41	296	125	Horizontal
6	17514.63	37.97	-31.88	40.66	-48.50	-25.00	23.50	241	92	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	48.94	-44.90	32.60	-58.62	-25.00	33.62	296	182	Vertical
2	7506.27	47.14	-41.58	36.51	-53.19	-25.00	28.19	265	45	Vertical
3	10008.36	42.70	-37.12	38.51	-51.17	-25.00	26.17	241	359	Vertical
4	12510.45	40.99	-35.18	39.11	-50.34	-25.00	25.34	175	125	Vertical
5	15012.54	40.63	-34.02	39.18	-49.47	-25.00	24.47	263	349	Vertical
6	17514.63	38.48	-31.88	40.66	-47.99	-25.00	22.99	207	3	Vertical



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Test Band = SA Band 7 ANT0\_TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	50.23	-44.71	32.60	-57.14	-25.00	32.14	163	194	Horizontal
2	7551.27	47.94	-41.43	36.60	-52.14	-25.00	27.14	265	297	Horizontal
3	10068.36	42.80	-36.91	38.58	-50.80	-25.00	25.80	241	126	Horizontal
4	12585.45	39.66	-34.63	39.19	-51.05	-25.00	26.05	174	126	Horizontal
5	15102.54	38.89	-34.31	39.07	-51.61	-25.00	26.61	186	360	Horizontal
6	17619.63	38.86	-31.63	41.08	-46.95	-25.00	21.95	295	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	48.62	-44.71	32.60	-58.75	-25.00	33.75	296	360	Vertical
2	7551.27	47.37	-41.43	36.60	-52.71	-25.00	27.71	265	285	Vertical
3	10068.36	41.95	-36.91	38.58	-51.65	-25.00	26.65	241	273	Vertical
4	12585.45	39.28	-34.63	39.19	-51.43	-25.00	26.43	122	331	Vertical
5	15102.54	38.89	-34.31	39.07	-51.61	-25.00	26.61	263	57	Vertical
6	17619.63	38.21	-31.63	41.08	-47.60	-25.00	22.60	241	229	Vertical



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Test Band = SA Band 7 ANT0\_TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	49.53	-44.51	32.60	-57.64	-25.00	32.64	263	135	Horizontal
2	7596.27	45.80	-41.27	36.69	-54.04	-25.00	29.04	254	359	Horizontal
3	10128.36	42.43	-36.73	38.64	-50.92	-25.00	25.92	142	41	Horizontal
4	12660.45	42.01	-34.90	39.26	-48.89	-25.00	23.89	256	284	Horizontal
5	15192.54	39.25	-32.61	38.95	-49.68	-25.00	24.68	296	360	Horizontal
6	17724.63	38.45	-30.93	41.50	-46.24	-25.00	21.24	321	327	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	47.99	-44.51	32.60	-59.18	-25.00	34.18	254	80	Vertical
2	7596.27	46.05	-41.27	36.69	-53.79	-25.00	28.79	142	3	Vertical
3	10128.36	42.76	-36.73	38.64	-50.59	-25.00	25.59	296	161	Vertical
4	12660.45	41.30	-34.90	39.26	-49.60	-25.00	24.60	268	332	Vertical
5	15192.54	39.19	-32.61	38.95	-49.74	-25.00	24.74	241	92	Vertical
6	17724.63	38.27	-30.93	41.50	-46.42	-25.00	21.42	112	218	Vertical



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Test Band = SA Band 7 ANT1\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	49.70	-44.90	32.60	-57.86	-25.00	32.86	285	360	Horizontal
2	7506.27	46.61	-41.58	36.51	-53.72	-25.00	28.72	241	333	Horizontal
3	10008.36	43.11	-37.12	38.51	-50.76	-25.00	25.76	142	22	Horizontal
4	12510.45	41.29	-35.18	39.11	-50.04	-25.00	25.04	263	276	Horizontal
5	15012.54	39.06	-34.02	39.18	-51.04	-25.00	26.04	266	360	Horizontal
6	17514.63	38.61	-31.88	40.66	-47.86	-25.00	22.86	287	160	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	48.51	-44.90	32.60	-59.05	-25.00	34.05	296	331	Vertical
2	7506.27	47.13	-41.58	36.51	-53.20	-25.00	28.20	265	217	Vertical
3	10008.36	43.68	-37.12	38.51	-50.19	-25.00	25.19	241	114	Vertical
4	12510.45	41.10	-35.18	39.11	-50.23	-25.00	25.23	175	359	Vertical
5	15012.54	39.36	-34.02	39.18	-50.74	-25.00	25.74	263	354	Vertical
6	17514.63	38.51	-31.88	40.66	-47.96	-25.00	22.96	287	297	Vertical



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Test Band = SA Band 7 ANT1\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	48.74	-44.71	32.60	-58.63	-25.00	33.63	263	348	Horizontal
2	7551.27	49.31	-41.43	36.60	-50.77	-25.00	25.77	265	133	Horizontal
3	10068.36	42.03	-36.91	38.58	-51.57	-25.00	26.57	241	348	Horizontal
4	12585.45	39.41	-34.63	39.19	-51.30	-25.00	26.30	175	192	Horizontal
5	15102.54	39.36	-34.31	39.07	-51.14	-25.00	26.14	296	66	Horizontal
6	17619.63	39.15	-31.63	41.08	-46.66	-25.00	21.66	255	316	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	48.48	-44.71	32.60	-58.89	-25.00	33.89	296	90	Vertical
2	7551.27	47.71	-41.43	36.60	-52.37	-25.00	27.37	265	349	Vertical
3	10068.36	43.89	-36.91	38.58	-49.71	-25.00	24.71	241	32	Vertical
4	12585.45	39.23	-34.63	39.19	-51.48	-25.00	26.48	178	319	Vertical
5	15102.54	39.97	-34.31	39.07	-50.53	-25.00	25.53	263	309	Vertical
6	17619.63	37.85	-31.63	41.08	-47.96	-25.00	22.96	288	273	Vertical



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Test Band = SA Band 7 ANT1\_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	48.17	-44.51	32.60	-59.00	-25.00	34.00	263	102	Horizontal
2	7596.27	46.55	-41.27	36.69	-53.29	-25.00	28.29	201	360	Horizontal
3	10128.36	43.40	-36.73	38.64	-49.95	-25.00	24.95	142	355	Horizontal
4	12660.45	41.22	-34.90	39.26	-49.68	-25.00	24.68	286	333	Horizontal
5	15192.54	39.27	-32.61	38.95	-49.66	-25.00	24.66	295	358	Horizontal
6	17724.63	37.38	-30.93	41.50	-47.31	-25.00	22.31	241	11	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	49.61	-44.51	32.60	-57.56	-25.00	32.56	296	215	Vertical
2	7596.27	47.54	-41.27	36.69	-52.30	-25.00	27.30	263	227	Vertical
3	10128.36	42.38	-36.73	38.64	-50.97	-25.00	25.97	201	56	Vertical
4	12660.45	41.67	-34.90	39.26	-49.23	-25.00	24.23	255	180	Vertical
5	15192.54	38.99	-32.61	38.95	-49.94	-25.00	24.94	241	147	Vertical
6	17724.63	37.72	-30.93	41.50	-46.97	-25.00	21.97	148	3	Vertical



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Test Band = SA Band 7 ANT2\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	50.15	-44.90	32.60	-57.41	-25.00	32.41	265	350	Horizontal
2	7506.27	46.67	-41.58	36.51	-53.66	-25.00	28.66	241	310	Horizontal
3	10008.36	44.53	-37.12	38.51	-49.34	-25.00	24.34	142	184	Horizontal
4	12510.45	41.15	-35.18	39.11	-50.18	-25.00	25.18	255	22	Horizontal
5	15012.54	39.43	-34.02	39.18	-50.67	-25.00	25.67	266	360	Horizontal
6	17514.63	38.85	-31.88	40.66	-47.62	-25.00	22.62	362	358	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	49.26	-44.90	32.60	-58.30	-25.00	33.30	265	360	Vertical
2	7506.27	48.50	-41.58	36.51	-51.83	-25.00	26.83	284	285	Vertical
3	10008.36	43.33	-37.12	38.51	-50.54	-25.00	25.54	142	354	Vertical
4	12510.45	41.01	-35.18	39.11	-50.32	-25.00	25.32	296	22	Vertical
5	15012.54	39.97	-34.02	39.18	-50.13	-25.00	25.13	265	172	Vertical
6	17514.63	39.19	-31.88	40.66	-47.28	-25.00	22.28	287	149	Vertical



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Test Band = SA Band 7 ANT2\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	48.47	-44.71	32.60	-58.90	-25.00	33.90	263	263	Horizontal
2	7551.27	48.30	-41.43	36.60	-51.78	-25.00	26.78	284	32	Horizontal
3	10068.36	42.27	-36.91	38.58	-51.33	-25.00	26.33	142	354	Horizontal
4	12585.45	41.27	-34.63	39.19	-49.44	-25.00	24.44	263	320	Horizontal
5	15102.54	39.04	-34.31	39.07	-51.46	-25.00	26.46	296	3	Horizontal
6	17619.63	38.48	-31.63	41.08	-47.33	-25.00	22.33	204	147	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	49.13	-44.71	32.60	-58.24	-25.00	33.24	296	360	Vertical
2	7551.27	48.09	-41.43	36.60	-51.99	-25.00	26.99	265	114	Vertical
3	10068.36	42.77	-36.91	38.58	-50.83	-25.00	25.83	241	101	Vertical
4	12585.45	40.38	-34.63	39.19	-50.33	-25.00	25.33	142	217	Vertical
5	15102.54	39.30	-34.31	39.07	-51.20	-25.00	26.20	201	296	Vertical
6	17619.63	38.93	-31.63	41.08	-46.88	-25.00	21.88	186	3	Vertical



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Test Band = SA Band 7 ANT2\_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	49.66	-44.51	32.60	-57.51	-25.00	32.51	241	194	Horizontal
2	7596.27	46.82	-41.27	36.69	-53.02	-25.00	28.02	142	149	Horizontal
3	10128.36	42.88	-36.73	38.64	-50.47	-25.00	25.47	296	310	Horizontal
4	12660.45	42.09	-34.90	39.26	-48.81	-25.00	23.81	201	358	Horizontal
5	15192.54	39.21	-32.61	38.95	-49.72	-25.00	24.72	142	206	Horizontal
6	17724.63	37.97	-30.93	41.50	-46.72	-25.00	21.72	263	194	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	48.93	-44.51	32.60	-58.24	-25.00	33.24	296	203	Vertical
2	7596.27	46.98	-41.27	36.69	-52.86	-25.00	27.86	265	348	Vertical
3	10128.36	43.42	-36.73	38.64	-49.93	-25.00	24.93	241	158	Vertical
4	12660.45	41.80	-34.90	39.26	-49.10	-25.00	24.10	178	341	Vertical
5	15192.54	39.70	-32.61	38.95	-49.23	-25.00	24.23	253	272	Vertical
6	17724.63	37.62	-30.93	41.50	-47.07	-25.00	22.07	256	32	Vertical



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Test Band = SA Band 7 ANT3\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	48.78	-44.90	32.60	-58.78	-25.00	33.78	296	360	Horizontal
2	7506.27	47.46	-41.58	36.51	-52.87	-25.00	27.87	265	309	Horizontal
3	10008.36	43.38	-37.12	38.51	-50.49	-25.00	25.49	241	360	Horizontal
4	12510.45	42.83	-35.18	39.11	-48.50	-25.00	23.50	175	297	Horizontal
5	15012.54	40.09	-34.02	39.18	-50.01	-25.00	25.01	288	360	Horizontal
6	17514.63	38.01	-31.88	40.66	-48.46	-25.00	23.46	253	114	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.18	49.32	-44.90	32.60	-58.24	-25.00	33.24	296	347	Vertical
2	7506.27	47.90	-41.58	36.51	-52.43	-25.00	27.43	265	3	Vertical
3	10008.36	43.39	-37.12	38.51	-50.48	-25.00	25.48	241	360	Vertical
4	12510.45	41.57	-35.18	39.11	-49.76	-25.00	24.76	174	111	Vertical
5	15012.54	39.82	-34.02	39.18	-50.28	-25.00	25.28	145	21	Vertical
6	17514.63	39.44	-31.88	40.66	-47.03	-25.00	22.03	256	360	Vertical



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Test Band = SA Band 7 ANT3\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	48.68	-44.71	32.60	-58.69	-25.00	33.69	265	284	Horizontal
2	7551.27	49.04	-41.43	36.60	-51.04	-25.00	26.04	254	44	Horizontal
3	10068.36	42.32	-36.91	38.58	-51.28	-25.00	26.28	142	3	Horizontal
4	12585.45	40.62	-34.63	39.19	-50.09	-25.00	25.09	286	329	Horizontal
5	15102.54	39.25	-34.31	39.07	-51.25	-25.00	26.25	263	158	Horizontal
6	17619.63	38.68	-31.63	41.08	-47.13	-25.00	22.13	296	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.18	49.44	-44.71	32.60	-57.93	-25.00	32.93	124	45	Vertical
2	7551.27	49.06	-41.43	36.60	-51.02	-25.00	26.02	174	252	Vertical
3	10068.36	41.87	-36.91	38.58	-51.73	-25.00	26.73	148	308	Vertical
4	12585.45	40.93	-34.63	39.19	-49.78	-25.00	24.78	255	358	Vertical
5	15102.54	39.90	-34.31	39.07	-50.60	-25.00	25.60	265	194	Vertical
6	17619.63	38.70	-31.63	41.08	-47.11	-25.00	22.11	241	104	Vertical



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**Test Band = SA Band 7 ANT3\_ TM1**  
**Test Channel = High Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	49.20	-44.51	32.60	-57.97	-25.00	32.97	265	239	Horizontal
2	7596.27	47.98	-41.27	36.69	-51.86	-25.00	26.86	142	341	Horizontal
3	10128.36	43.25	-36.73	38.64	-50.10	-25.00	25.10	296	101	Horizontal
4	12660.45	41.41	-34.90	39.26	-49.49	-25.00	24.49	320	216	Horizontal
5	15192.54	39.59	-32.61	38.95	-49.34	-25.00	24.34	142	111	Horizontal
6	17724.63	37.44	-30.93	41.50	-47.25	-25.00	22.25	265	181	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.18	48.49	-44.51	32.60	-58.68	-25.00	33.68	296	126	Vertical
2	7596.27	47.04	-41.27	36.69	-52.80	-25.00	27.80	265	360	Vertical
3	10128.36	43.20	-36.73	38.64	-50.15	-25.00	25.15	241	360	Vertical
4	12660.45	41.61	-34.90	39.26	-49.29	-25.00	24.29	188	104	Vertical
5	15192.54	38.75	-32.61	38.95	-50.18	-25.00	25.18	263	332	Vertical
6	17724.63	38.72	-30.93	41.50	-45.97	-25.00	20.97	225	288	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

- AF = Antenna Factor(dB/m)
- Factor = Cable Factor(dB) - Preamplifier (dB)
- Level = Reading Level + AF + Factor -95.26
- Margin = Limit – Level



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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
N7	15	50	DFT-PI2BPSK	M	Outer_Full	VH	NT	8.700000	0.004622	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	VN	NT	4.900000	0.002603	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	VL	NT	7.200000	0.003825	PASS
N7	15	50	CP-QPSK	M	Outer_Full	VH	NT	9.700000	0.005153	PASS
N7	15	50	CP-QPSK	M	Outer_Full	VN	NT	-8.300000	-0.004409	PASS
N7	15	50	CP-QPSK	M	Outer_Full	VL	NT	10.500000	0.005578	PASS



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**Frequency Error VS. Temperature**

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	-30	10.600000	0.005631	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	-20	6.900000	0.003665	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	-10	7.100000	0.003772	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	0	8.200000	0.004356	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	10	8.200000	0.004356	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	20	6.200000	0.003293	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	30	8.800000	0.004675	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	40	4.300000	0.002284	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	NV	50	5.000000	0.002656	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	-30	2.700000	0.001434	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	-20	-1.400000	-0.000744	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	-10	2.000000	0.001062	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	0	4.200000	0.002231	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	10	4.700000	0.002497	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	20	6.800000	0.003612	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	30	6.500000	0.003453	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	40	5.500000	0.002922	PASS
N7	15	50	CP-QPSK	M	Outer_Full	NV	50	6.500000	0.003453	PASS

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