

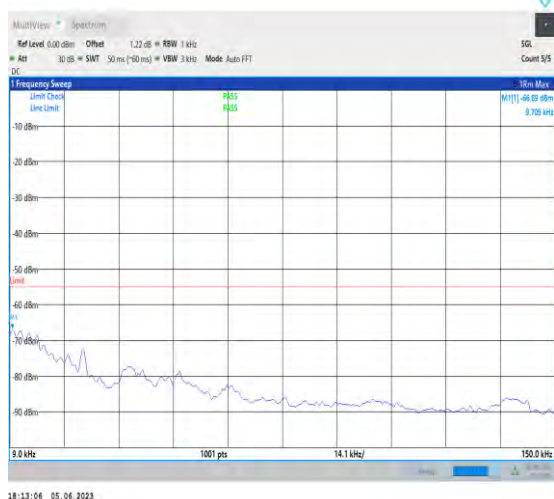
Report No.: SEWM2305000177RG02

Rev.: 01

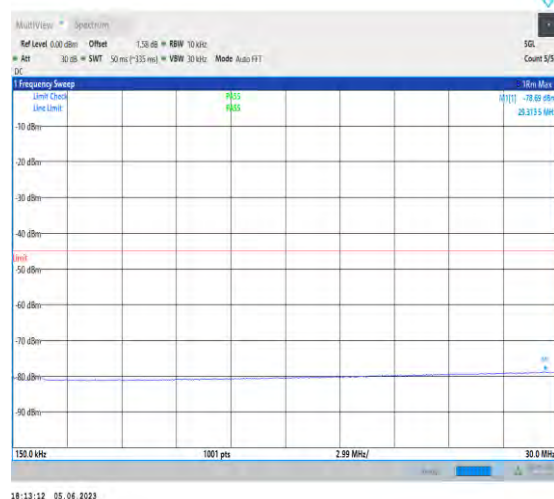
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Conducted Spurious Emission for SA

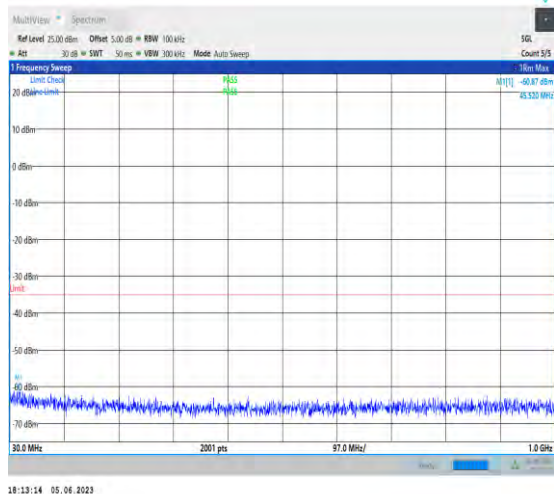
Test Graphs



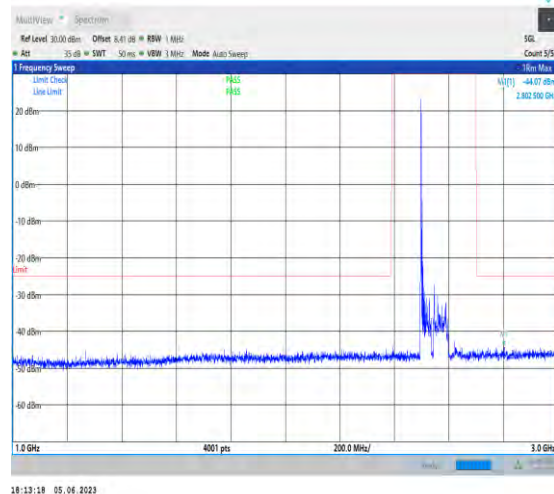
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RB_Left-1@1-0.009-0.15-Ant1-0.01--66.89--55-PAS
S



1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-0.15-30-Ant1-29.31--78.69--45-PASS



1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-30-1000-Ant1-45.52--60.87--35-PASS



1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-1000-3000-Ant1-2802.50--44.07--25-PA
SS



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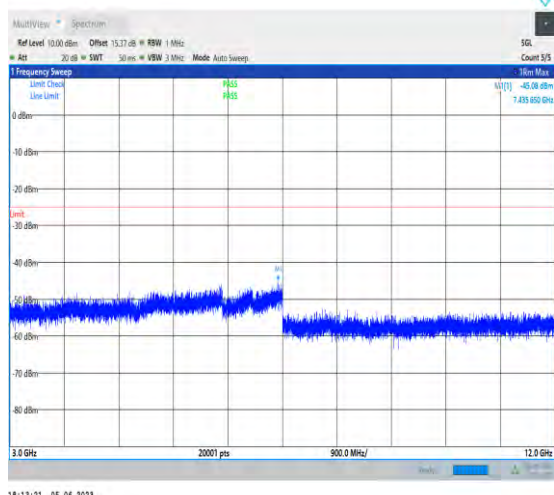
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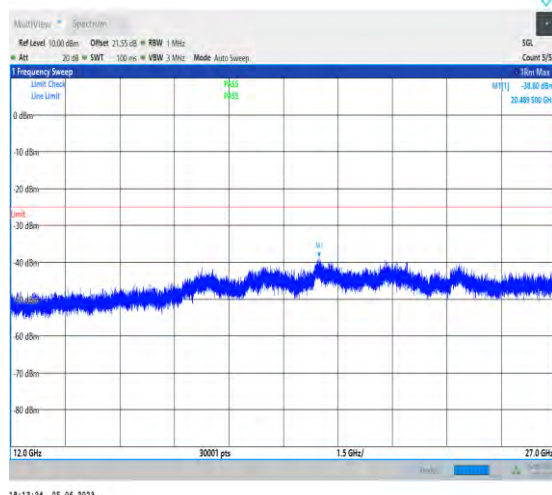
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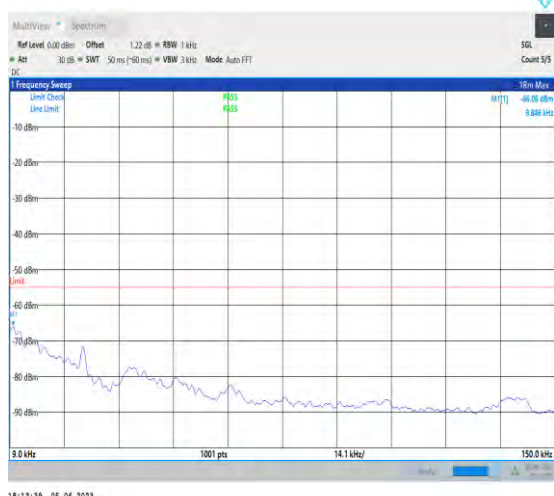
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RB_Left-1@1-3000-12000-Ant1-7435.65--45.08--25
-PASS



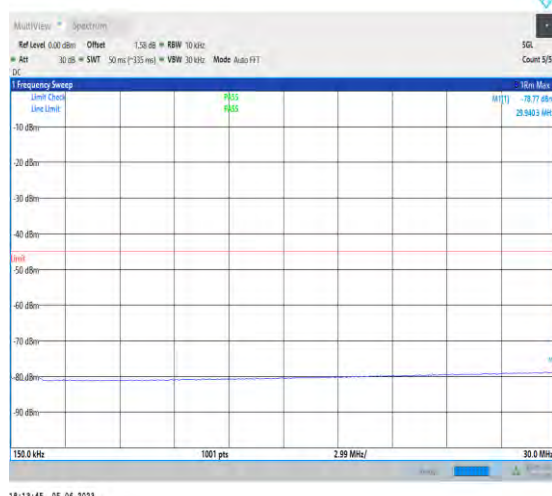
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1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-Ant1-20489.50--38.80--25
PASS



18:13:39 05.06.2023

1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-0.009-0.15-Ant1-0.01--66.06--55-PAS
S



18:13:45 05.06.2023

1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-0.15-30-Ant1-29.94--78.77--45-PASS



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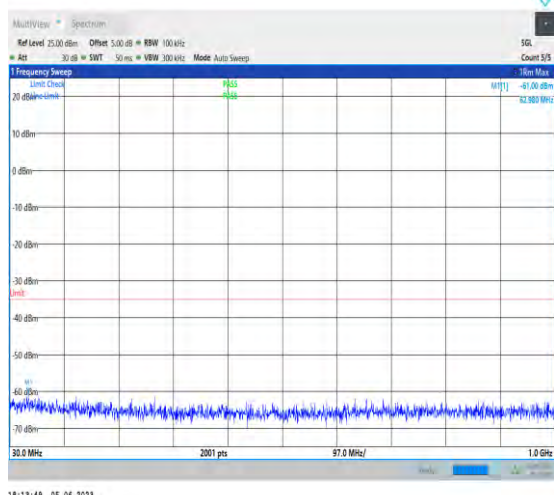
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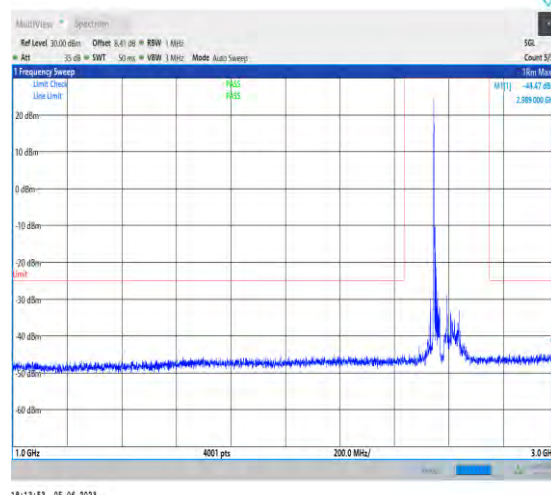
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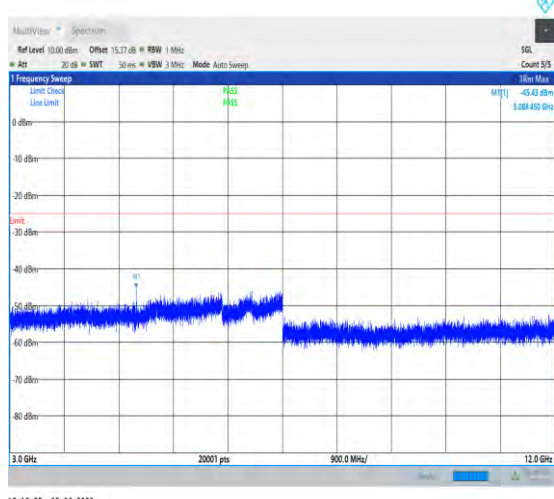
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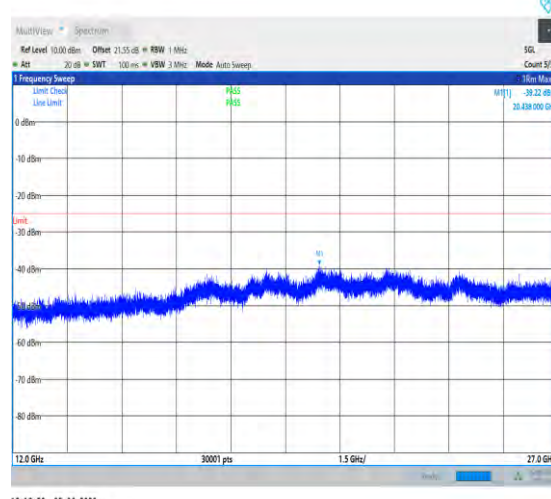
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RB_Left-1@1-30-1000-Ant1-62.98--61.00--35-PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-1000-3000-Ant1-2989.00--44.47--25-PA
SS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-3000-12000-Ant1-5088.45--45.43--25
-PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-Ant1-20438.00--39.22--25-
PASS



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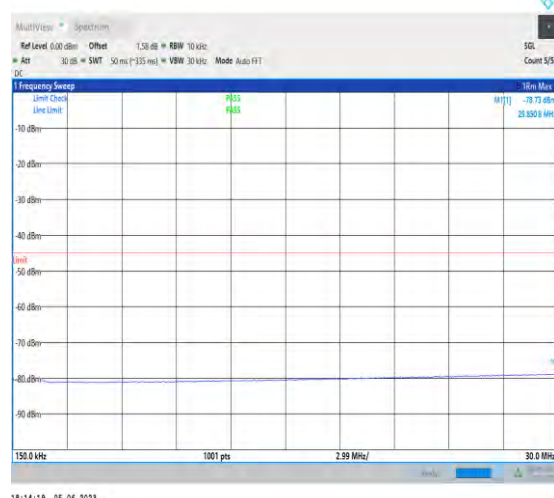
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Rev.: 01

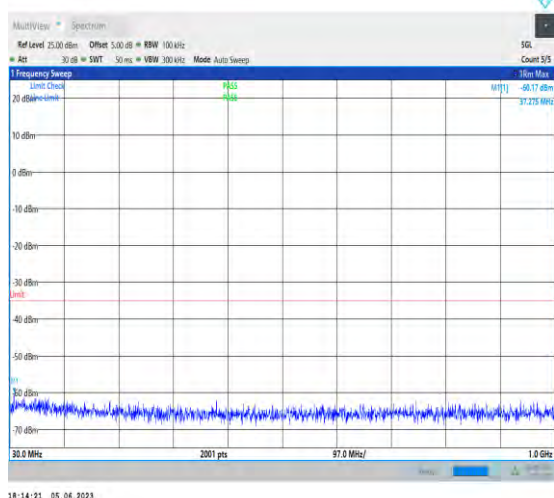
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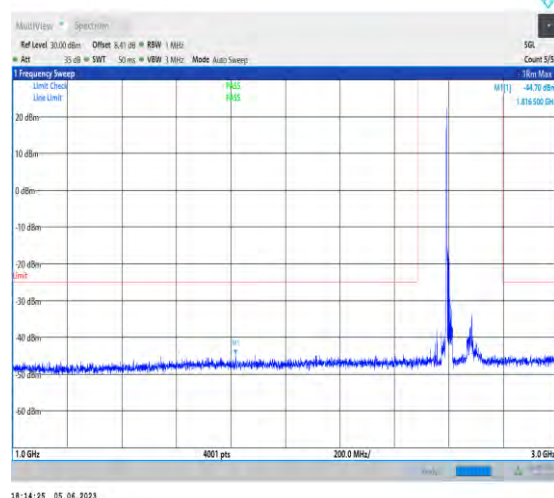
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RB_Left-1@1-0.009-0.15-Ant1-0.01--66.01--55-PAS
S



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-0.15-30-Ant1-29.85--78.73--45-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-30-1000-Ant1-37.28--60.17--35-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-1000-3000-Ant1-1816.50--44.70--25-PASS



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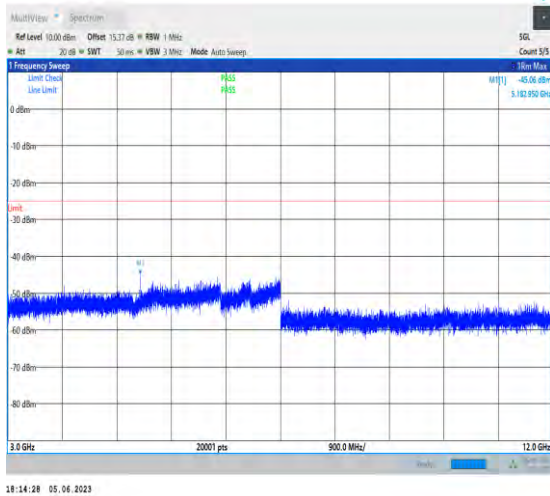
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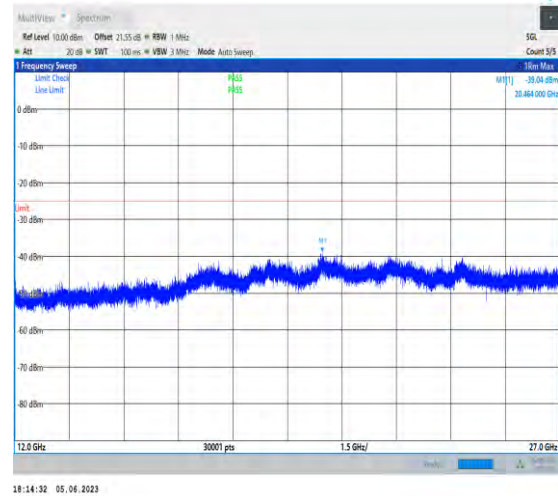
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1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-3000-12000-Ant1-5182.95--45.06--25
-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-Ant1-20464.00--39.04--25
PASS



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Field Strength of Spurious Radiation

Test Band = NR Band 41_ TM1_Ant11

Test Channel = Low Channel _100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	38.44	-44.92	32.60	-69.14	-25.00	44.14	247	141	Horizontal
2	7503.3	38.29	-41.59	36.51	-62.05	-25.00	37.05	189	1	Horizontal
3	10004.4	33.57	-37.13	38.50	-60.32	-25.00	35.32	156	14	Horizontal
4	12505.5	31.03	-35.23	39.11	-60.35	-25.00	35.35	236	32	Horizontal
5	15006.6	31.64	-34.00	39.19	-58.43	-25.00	33.43	229	319	Horizontal
6	17507.7	28.86	-31.88	40.63	-57.65	-25.00	32.65	271	4	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	38.35	-44.92	32.60	-69.23	-25.00	44.23	228	357	Vertical
2	7503.3	38.58	-41.59	36.51	-61.76	-25.00	36.76	179	112	Vertical
3	10004.4	32.66	-37.13	38.50	-61.23	-25.00	36.23	269	0	Vertical
4	12505.5	31.20	-35.23	39.11	-60.18	-25.00	35.18	273	1	Vertical
5	15006.6	31.45	-34.00	39.19	-58.62	-25.00	33.62	142	9	Vertical
6	17507.7	29.40	-31.88	40.63	-57.11	-25.00	32.11	205	26	Vertical



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Test Band = NR Band 41_ TM1_ Ant11
Test Channel = Mid Channel _100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	40.42	-44.31	32.60	-66.55	-25.00	41.55	197	357	Horizontal
2	7644.24	37.62	-41.29	36.79	-62.14	-25.00	37.14	248	132	Horizontal
3	10192.32	34.56	-36.57	38.71	-58.56	-25.00	33.56	156	235	Horizontal
4	12740.4	33.46	-35.11	39.34	-57.57	-25.00	32.57	298	90	Horizontal
5	15288.48	30.52	-33.71	38.82	-59.63	-25.00	34.63	274	132	Horizontal
6	17836.56	30.98	-30.90	41.95	-53.23	-25.00	28.23	156	3	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	39.95	-44.31	32.60	-67.02	-25.00	42.02	223	12	Vertical
2	7644.24	38.60	-41.29	36.79	-61.16	-25.00	36.16	134	12	Vertical
3	10192.32	34.29	-36.57	38.71	-58.83	-25.00	33.83	154	155	Vertical
4	12740.4	33.23	-35.11	39.34	-57.80	-25.00	32.80	285	340	Vertical
5	15288.48	29.80	-33.71	38.82	-60.35	-25.00	35.35	169	260	Vertical
6	17836.56	31.06	-30.90	41.95	-53.15	-25.00	28.15	282	239	Vertical



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Test Band = NR Band 41_ TM1_ Ant11
Test Channel = High Channel _100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3831.5	44.36	-45.45	30.20	-66.15	-25.00	41.15	255	0	Horizontal
2	5190.18	40.56	-44.16	32.60	-66.26	-25.00	41.26	198	177	Horizontal
3	7785.27	37.66	-40.72	37.07	-61.25	-25.00	36.25	263	113	Horizontal
4	10380.36	32.13	-36.54	38.92	-60.75	-25.00	35.75	271	318	Horizontal
5	12975.45	33.58	-34.91	39.58	-57.01	-25.00	32.01	149	1	Horizontal
6	15570.54	30.42	-33.96	38.46	-60.35	-25.00	35.35	256	51	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4089	43.87	-45.05	30.74	-65.70	-25.00	40.70	184	11	Vertical
2	5190.18	40.52	-44.16	32.60	-66.30	-25.00	41.30	277	193	Vertical
3	7785.27	37.36	-40.72	37.07	-61.55	-25.00	36.55	189	68	Vertical
4	10380.36	32.46	-36.54	38.92	-60.42	-25.00	35.42	265	148	Vertical
5	12975.45	33.52	-34.91	39.58	-57.07	-25.00	32.07	142	0	Vertical
6	15570.54	30.00	-33.96	38.46	-60.77	-25.00	35.77	135	193	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = NR Band 41_ TM1_ Ant31

Test Channel = Low Channel _100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	38.76	-44.92	32.60	-68.82	-25.00	43.82	219	46	Horizontal
2	7503.3	38.73	-41.59	36.51	-61.61	-25.00	36.61	175	46	Horizontal
3	10004.4	32.96	-37.13	38.50	-60.93	-25.00	35.93	165	298	Horizontal
4	12505.5	31.25	-35.23	39.11	-60.13	-25.00	35.13	236	298	Horizontal
5	15006.6	31.05	-34.00	39.19	-59.02	-25.00	34.02	194	66	Horizontal
6	17507.7	30.54	-31.88	40.63	-55.97	-25.00	30.97	258	153	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	38.86	-44.92	32.60	-68.72	-25.00	43.72	177	1	Vertical
2	7503.3	38.27	-41.59	36.51	-62.07	-25.00	37.07	198	156	Vertical
3	10004.4	33.83	-37.13	38.50	-60.06	-25.00	35.06	182	175	Vertical
4	12505.5	30.98	-35.23	39.11	-60.40	-25.00	35.40	163	156	Vertical
5	15006.6	31.69	-34.00	39.19	-58.38	-25.00	33.38	241	216	Vertical
6	17507.7	30.37	-31.88	40.63	-56.14	-25.00	31.14	106	113	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = NR Band 41_ TM1_ Ant31

Test Channel = Mid Channel _100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	40.67	-44.31	32.60	-66.30	-25.00	41.30	278	357	Horizontal
2	7644.24	36.97	-41.29	36.79	-62.79	-25.00	37.79	189	130	Horizontal
3	10192.32	35.29	-36.57	38.71	-57.83	-25.00	32.83	256	255	Horizontal
4	12740.4	33.34	-35.11	39.34	-57.69	-25.00	32.69	243	234	Horizontal
5	15288.48	29.95	-33.71	38.82	-60.20	-25.00	35.20	175	130	Horizontal
6	17836.56	31.04	-30.90	41.95	-53.17	-25.00	28.17	189	234	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	40.13	-44.31	32.60	-66.84	-25.00	41.84	169	83	Vertical
2	7644.24	37.18	-41.29	36.79	-62.58	-25.00	37.58	235	0	Vertical
3	10192.32	34.13	-36.57	38.71	-58.99	-25.00	33.99	175	20	Vertical
4	12740.4	33.24	-35.11	39.34	-57.79	-25.00	32.79	186	0	Vertical
5	15288.48	29.64	-33.71	38.82	-60.51	-25.00	35.51	247	61	Vertical
6	17836.56	31.20	-30.90	41.95	-53.01	-25.00	28.01	144	231	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = NR Band 41_ TM1_ Ant31

Test Channel = High Channel _100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4119.5	43.36	-45.00	30.79	-66.11	-25.00	41.11	197	175	Horizontal
2	5190.18	40.58	-44.16	32.60	-66.24	-25.00	41.24	145	72	Horizontal
3	7785.27	37.29	-40.72	37.07	-61.62	-25.00	36.62	266	255	Horizontal
4	10380.36	32.54	-36.54	38.92	-60.34	-25.00	35.34	285	72	Horizontal
5	12975.45	33.81	-34.91	39.58	-56.78	-25.00	31.78	142	1	Horizontal
6	15570.54	30.46	-33.96	38.46	-60.31	-25.00	35.31	183	255	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4054.5	43.81	-45.20	30.69	-65.97	-25.00	40.97	170	45	Vertical
2	5190.18	40.25	-44.16	32.60	-66.57	-25.00	41.57	215	2	Vertical
3	7785.27	37.96	-40.72	37.07	-60.95	-25.00	35.95	183	319	Vertical
4	10380.36	32.18	-36.54	38.92	-60.70	-25.00	35.70	269	0	Vertical
5	12975.45	33.56	-34.91	39.58	-57.03	-25.00	32.03	274	297	Vertical
6	15570.54	30.48	-33.96	38.46	-60.29	-25.00	35.29	143	2	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = ENDC_4A_n41A_TM1_ANT13+ANT11

Test Channel = Low Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	42.54	-45.88	29.58	-69.01	-25.00	44.01	214	69	Horizontal
2	5133.27	41.22	-44.24	33.17	-65.11	-25.00	40.11	185	360	Horizontal
3	6844.36	39.97	-42.50	35.94	-61.85	-25.00	36.85	196	3	Horizontal
4	7503.3	39.12	-41.59	36.60	-61.12	-25.00	36.12	233	131	Horizontal
5	10004.4	33.12	-37.13	37.90	-61.37	-25.00	36.37	154	340	Horizontal
6	12505.5	31.51	-35.23	39.01	-59.97	-25.00	34.97	201	280	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	41.87	-45.88	29.58	-69.68	-25.00	44.68	224	289	Vertical
2	5133.27	41.48	-44.24	33.17	-64.85	-25.00	39.85	175	360	Vertical
3	6844.36	39.41	-42.50	35.94	-62.41	-25.00	37.41	196	104	Vertical
4	7503.3	38.12	-41.59	36.60	-62.12	-25.00	37.12	235	60	Vertical
5	10004.4	33.62	-37.13	37.90	-60.87	-25.00	35.87	174	144	Vertical
6	12505.5	31.31	-35.23	39.01	-60.17	-25.00	35.17	208	228	Vertical



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Test Band = ENDC_4A_n41A_TM1_ANT13+ANT11

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	42.58	-45.82	29.59	-68.91	-25.00	43.91	298	59	Horizontal
2	5096.16	40.82	-44.31	33.18	-65.57	-25.00	40.57	275	347	Horizontal
3	7644.24	37.35	-41.29	36.74	-62.46	-25.00	37.46	146	204	Horizontal
4	10192.32	34.22	-36.57	38.00	-59.61	-25.00	34.61	233	359	Horizontal
5	12065.13	32.61	-35.25	38.48	-59.42	-25.00	34.42	165	102	Horizontal
6	12740.4	32.85	-35.11	39.29	-58.23	-25.00	33.23	284	329	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	41.95	-45.82	29.59	-69.54	-25.00	44.54	196	320	Vertical
2	5096.16	40.39	-44.31	33.18	-66.00	-25.00	41.00	305	352	Vertical
3	7644.24	36.77	-41.29	36.74	-63.04	-25.00	38.04	178	186	Vertical
4	10192.32	35.23	-36.57	38.00	-58.60	-25.00	33.60	144	352	Vertical
5	12065.13	33.37	-35.25	38.48	-58.66	-25.00	33.66	245	125	Vertical
6	12740.4	33.05	-35.11	39.29	-58.03	-25.00	33.03	168	104	Vertical



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Test Band = ENDC_4A_n41A_TM1_ANT13+ANT11
Test Channel = High Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	42.11	-45.76	29.59	-69.31	-25.00	44.31	224	358	Horizontal
2	5164.18	40.71	-44.20	33.17	-65.58	-25.00	40.58	175	43	Horizontal
3	5208.27	41.73	-44.14	33.16	-64.51	-25.00	39.51	189	257	Horizontal
4	6944.36	39.32	-42.50	35.98	-62.46	-25.00	37.46	235	3	Horizontal
5	7746.27	37.68	-41.00	36.85	-61.73	-25.00	36.73	165	360	Horizontal
6	10328.36	34.23	-36.73	38.06	-59.69	-25.00	34.69	244	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	41.35	-45.76	29.59	-70.07	-25.00	45.07	214	253	Vertical
2	5164.18	41.44	-44.20	33.17	-64.85	-25.00	39.85	178	86	Vertical
3	5208.27	40.75	-44.14	33.16	-65.49	-25.00	40.49	286	360	Vertical
4	6944.36	39.17	-42.50	35.98	-62.61	-25.00	37.61	259	295	Vertical
5	7746.27	37.22	-41.00	36.85	-62.19	-25.00	37.19	245	3	Vertical
6	10328.36	33.50	-36.73	38.06	-60.42	-25.00	35.42	156	191	Vertical



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Test Band = ENDC_66A_n41A_ TM1_ANT13+ANT11

Test Channel = Low Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	42.57	-45.92	29.58	-69.03	-25.00	44.03	127	62	Horizontal
2	5002.2	39.59	-44.92	33.20	-67.39	-25.00	42.39	184	83	Horizontal
3	7503.3	38.41	-41.59	36.60	-61.83	-25.00	36.83	253	328	Horizontal
4	10004.4	33.29	-37.13	37.90	-61.20	-25.00	36.20	196	288	Horizontal
5	12505.5	31.40	-35.23	39.01	-60.08	-25.00	35.08	234	206	Horizontal
6	15006.6	31.56	-34.00	40.09	-57.61	-25.00	32.61	185	206	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	42.53	-45.92	29.58	-69.07	-25.00	44.07	195	84	Vertical
2	5002.2	41.28	-44.92	33.20	-65.70	-25.00	40.70	216	3	Vertical
3	7503.3	39.12	-41.59	36.60	-61.12	-25.00	36.12	238	212	Vertical
4	10004.4	33.69	-37.13	37.90	-60.80	-25.00	35.80	277	41	Vertical
5	12505.5	31.50	-35.23	39.01	-59.98	-25.00	34.98	149	313	Vertical
6	15006.6	31.49	-34.00	40.09	-57.68	-25.00	32.68	203	360	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2305000177RG02

Rev.: 01

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Test Band = ENDC_66A_n41A_ TM1_ANT13+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	41.28	-45.80	29.59	-70.19	-25.00	45.19	195	357	Horizontal
2	5096.16	40.86	-44.31	33.18	-65.53	-25.00	40.53	207	230	Horizontal
3	7644.24	37.01	-41.29	36.74	-62.80	-25.00	37.80	186	82	Horizontal
4	10192.32	33.95	-36.57	38.00	-59.88	-25.00	34.88	233	123	Horizontal
5	12740.4	33.07	-35.11	39.29	-58.01	-25.00	33.01	142	61	Horizontal
6	15288.48	30.05	-33.71	39.55	-59.37	-25.00	34.37	288	4	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	42.26	-45.80	29.59	-69.21	-25.00	44.21	161	82	Vertical
2	5096.16	41.02	-44.31	33.18	-65.37	-25.00	40.37	198	286	Vertical
3	7644.24	36.99	-41.29	36.74	-62.82	-25.00	37.82	275	126	Vertical
4	10192.32	34.33	-36.57	38.00	-59.50	-25.00	34.50	143	307	Vertical
5	12740.4	33.17	-35.11	39.29	-57.91	-25.00	32.91	204	227	Vertical
6	15288.48	29.65	-33.71	39.55	-59.77	-25.00	34.77	175	126	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = ENDC_66A_n41A_ TM1_ANT13+ANT11

Test Channel = High Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	44.87	-45.67	29.62	-66.44	-25.00	41.44	211	144	Horizontal
2	5190.18	41.20	-44.16	33.16	-65.06	-25.00	40.06	189	82	Horizontal
3	7785.27	36.90	-40.72	36.89	-62.20	-25.00	37.20	235	123	Horizontal
4	10380.36	32.61	-36.54	38.09	-61.10	-25.00	36.10	176	104	Horizontal
5	12975.45	33.52	-34.91	39.57	-57.07	-25.00	32.07	223	360	Horizontal
6	15570.54	30.13	-33.96	39.02	-60.08	-25.00	35.08	184	123	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	41.93	-45.67	29.62	-69.38	-25.00	44.38	257	300	Vertical
2	5190.18	41.77	-44.16	33.16	-64.49	-25.00	39.49	199	21	Vertical
3	7785.27	37.74	-40.72	36.89	-61.36	-25.00	36.36	264	3	Vertical
4	10380.36	32.23	-36.54	38.09	-61.48	-25.00	36.48	185	214	Vertical
5	12975.45	33.79	-34.91	39.57	-56.80	-25.00	31.80	231	240	Vertical
6	15570.54	31.52	-33.96	39.02	-58.69	-25.00	33.69	161	151	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = ENDC_4A_n41A_TM1_ANT31+ANT11

Test Channel = Low Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4332.5	43.19	-44.93	31.13	-65.87	-25.00	40.87	213	278	Horizontal
2	6221.5	42.31	-42.72	34.64	-61.02	-25.00	36.02	269	3	Horizontal
3	8930	38.45	-38.96	38.52	-57.25	-25.00	32.25	288	3	Horizontal
4	5010.18	40.14	-44.87	32.60	-67.39	-25.00	42.39	174	215	Horizontal
5	7515.27	37.66	-41.55	36.53	-62.62	-25.00	37.62	163	47	Horizontal
6	10020.36	34.11	-37.08	38.52	-59.71	-25.00	34.71	231	0	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4424	43.03	-44.87	31.28	-65.82	-25.00	40.82	128	193	Vertical
2	6231	42.02	-42.73	34.66	-61.31	-25.00	36.31	216	341	Vertical
3	8945.5	38.03	-38.90	38.54	-57.59	-25.00	32.59	293	296	Vertical
4	5010.18	40.38	-44.87	32.60	-67.15	-25.00	42.15	264	7	Vertical
5	7515.27	38.82	-41.55	36.53	-61.46	-25.00	36.46	177	108	Vertical
6	10020.36	33.26	-37.08	38.52	-60.56	-25.00	35.56	152	87	Vertical



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Report No.: SEWM2305000177RG02

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Test Band = ENDC_4A_n41A_ TM1_ANT31+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4571	43.41	-44.56	31.57	-64.84	-25.00	39.84	236	357	Horizontal
2	6210.5	41.95	-42.70	34.62	-61.39	-25.00	36.39	297	278	Horizontal
3	9588.5	38.60	-38.11	38.54	-56.22	-25.00	31.22	184	278	Horizontal
4	5100.18	39.38	-44.29	32.60	-67.57	-25.00	42.57	204	178	Horizontal
5	7650.27	37.33	-41.30	36.80	-62.42	-25.00	37.42	163	157	Horizontal
6	10200.36	34.80	-36.55	38.72	-58.29	-25.00	33.29	288	98	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4320.5	43.14	-44.93	31.11	-65.94	-25.00	40.94	219	151	Vertical
2	6225	41.97	-42.72	34.65	-61.36	-25.00	36.36	143	151	Vertical
3	9550	37.90	-38.13	38.55	-56.94	-25.00	31.94	267	12	Vertical
4	5100.18	39.91	-44.29	32.60	-67.04	-25.00	42.04	185	151	Vertical
5	5190.18	39.73	-44.16	32.60	-67.09	-25.00	42.09	100	194	Vertical
6	7650.27	36.48	-41.30	36.80	-63.27	-25.00	38.27	196	28	Vertical
7	7785.27	37.46	-40.72	37.07	-61.45	-25.00	36.45	100	132	Vertical
8	10200.36	34.59	-36.55	38.72	-58.50	-25.00	33.50	233	1	Vertical
9	10380.36	32.21	-36.54	38.92	-60.67	-25.00	35.67	100	90	Vertical



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Test Band = ENDC_4A_n41A_TM1_ANT31+ANT11
Test Channel = High Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4055	43.80	-45.20	30.69	-65.97	-25.00	40.97	213	276	Horizontal
2	6214	42.29	-42.71	34.63	-61.05	-25.00	36.05	233	3	Horizontal
3	9598	38.33	-38.10	38.54	-56.49	-25.00	31.49	295	319	Horizontal
4	5190.18	39.62	-44.16	32.60	-67.20	-25.00	42.20	175	172	Horizontal
5	7785.27	36.84	-40.72	37.07	-62.07	-25.00	37.07	152	276	Horizontal
6	10380.36	33.08	-36.54	38.92	-59.80	-25.00	34.80	134	1	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4071.5	43.49	-45.13	30.71	-66.18	-25.00	41.18	191	153	Vertical
2	6683.5	41.01	-42.62	35.57	-61.30	-25.00	36.30	237	69	Vertical
3	12992.5	34.92	-34.92	39.59	-55.66	-25.00	30.66	185	357	Vertical
4	5190.18	39.39	-44.16	32.60	-67.43	-25.00	42.43	164	213	Vertical
5	7785.27	37.54	-40.72	37.07	-61.37	-25.00	36.37	284	1	Vertical
6	10380.36	31.81	-36.54	38.92	-61.07	-25.00	36.07	193	213	Vertical



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Test Band = ENDC_66A_n41A_ TM1_ANT31+ANT11

Test Channel = Low Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4180.5	43.49	-45.02	30.89	-65.90	-25.00	40.90	218	1	Horizontal
2	6209.5	42.11	-42.70	34.62	-61.23	-25.00	36.23	159	107	Horizontal
3	8939	38.37	-38.93	38.53	-57.28	-25.00	32.28	266	1	Horizontal
4	5010.18	39.81	-44.87	32.60	-67.72	-25.00	42.72	135	11	Horizontal
5	7515.27	37.65	-41.55	36.53	-62.63	-25.00	37.63	284	357	Horizontal
6	10020.36	33.83	-37.08	38.52	-59.99	-25.00	34.99	175	319	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4562	43.41	-44.59	31.55	-64.89	-25.00	39.89	239	11	Vertical
2	6190.5	42.06	-42.71	34.58	-61.33	-25.00	36.33	288	1	Vertical
3	9584.5	38.01	-38.11	38.54	-56.82	-25.00	31.82	175	357	Vertical
4	5010.18	39.89	-44.87	32.60	-67.64	-25.00	42.64	146	0	Vertical
5	7515.27	37.71	-41.55	36.53	-62.57	-25.00	37.57	294	341	Vertical
6	10020.36	33.64	-37.08	38.52	-60.18	-25.00	35.18	128	150	Vertical



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Test Band = ENDC_66A_n41A_ TM1_ANT31+ANT11

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4005	43.29	-45.43	30.61	-66.79	-25.00	41.79	259	297	Horizontal
2	6234.5	42.46	-42.73	34.67	-60.87	-25.00	35.87	187	178	Horizontal
3	9541	37.84	-38.13	38.55	-57.00	-25.00	32.00	206	357	Horizontal
4	5100.18	39.74	-44.29	32.60	-67.21	-25.00	42.21	129	114	Horizontal
5	7650.27	36.94	-41.30	36.80	-62.81	-25.00	37.81	175	197	Horizontal
6	15300.54	30.90	-33.87	38.81	-59.42	-25.00	34.42	266	340	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4184	43.03	-45.02	30.89	-66.35	-25.00	41.35	213	1	Vertical
2	4579.5	43.30	-44.54	31.59	-64.91	-25.00	39.91	142	87	Vertical
3	6207.5	42.32	-42.70	34.62	-61.02	-25.00	36.02	195	277	Vertical
4	5100.18	39.89	-44.29	32.60	-67.06	-25.00	42.06	176	1	Vertical
5	7650.27	36.39	-41.30	36.80	-63.36	-25.00	38.36	288	296	Vertical
6	10200.36	35.41	-36.55	38.72	-57.68	-25.00	32.68	135	191	Vertical



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = ENDC_66A_n41A_ TM1_ANT31+ANT11
Test Channel = High Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4104.5	43.29	-45.00	30.77	-66.20	-25.00	41.20	255	252	Horizontal
2	6184.5	42.11	-42.73	34.57	-61.31	-25.00	36.31	168	148	Horizontal
3	9556	37.92	-38.12	38.54	-56.92	-25.00	31.92	234	0	Horizontal
4	5190.18	39.53	-44.16	32.60	-67.29	-25.00	42.29	175	211	Horizontal
5	7785.27	37.38	-40.72	37.07	-61.53	-25.00	36.53	192	252	Horizontal
6	10380.36	32.57	-36.54	38.92	-60.31	-25.00	35.31	163	169	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3849	44.16	-45.45	30.24	-66.32	-25.00	41.32	259	27	Vertical
2	6172	42.52	-42.76	34.54	-60.96	-25.00	35.96	186	2	Vertical
3	9601	38.17	-38.09	38.54	-56.64	-25.00	31.64	235	11	Vertical
4	5190.18	39.55	-44.16	32.60	-67.27	-25.00	42.27	144	234	Vertical
5	7785.27	37.35	-40.72	37.07	-61.56	-25.00	36.56	175	69	Vertical
6	10380.36	32.93	-36.54	38.92	-59.95	-25.00	34.95	211	27	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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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-0.100000	-0.000057	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.800000	-0.003324	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-6.400000	-0.003668	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	1.800000	0.001032	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	3.500000	0.002006	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	4.200000	0.002407	PASS

Frequency Error VS. Temperature

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.200000	0.002774	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	4.400000	0.005549	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	4.200000	0.005296	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	5.300000	0.006683	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	2.900000	0.003657	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	5.100000	0.006431	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	1.300000	0.000745	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.300000	-0.003037	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	0.800000	0.000458	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-2.600000	-0.001490	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-2.700000	-0.001547	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-3.600000	-0.002063	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.800000	-0.001032	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-0.600000	-0.000344	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-3.500000	-0.002006	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-1.700000	-0.000974	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-3.700000	-0.002120	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-1.800000	-0.001032	PASS

---End of Attachment---



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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