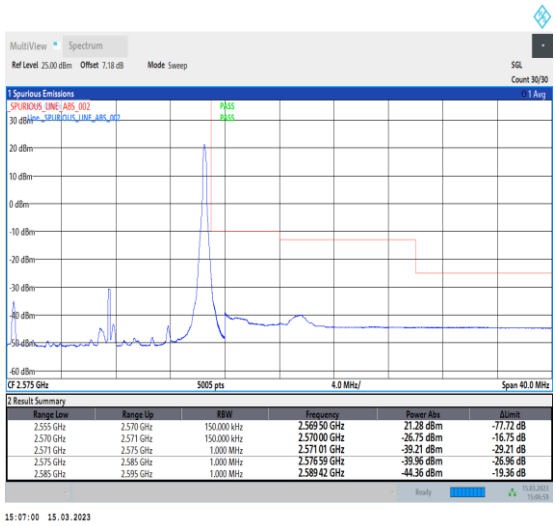

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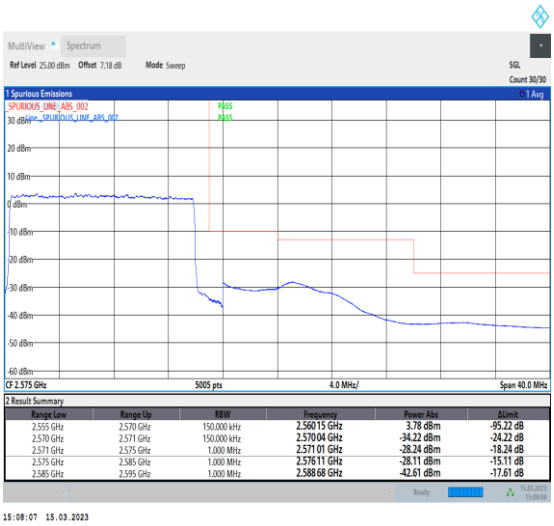

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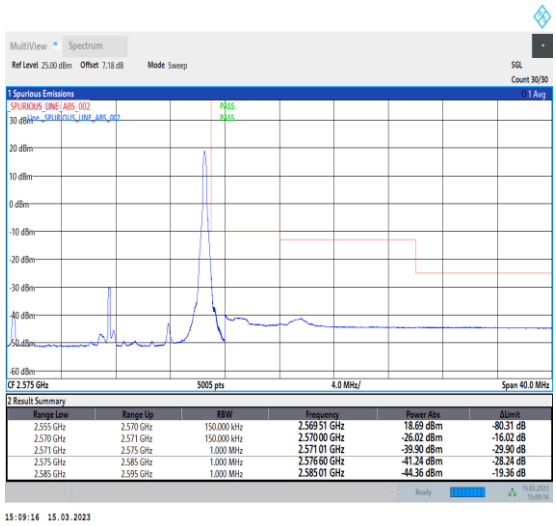

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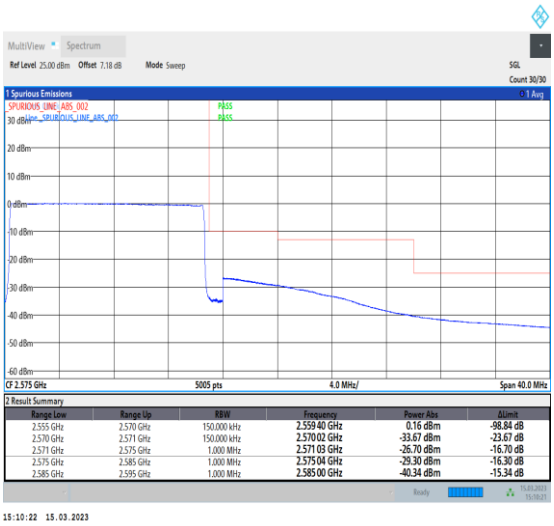

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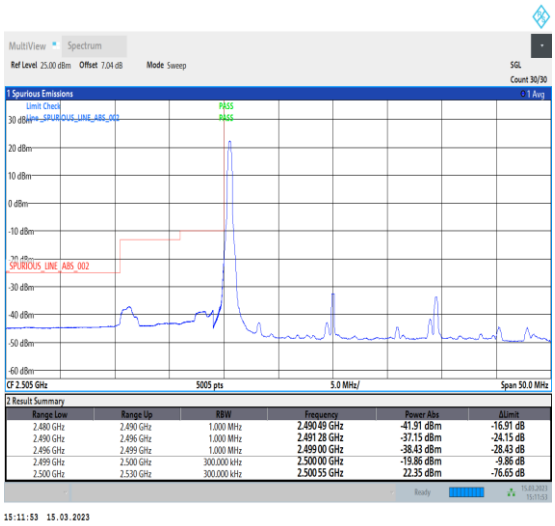

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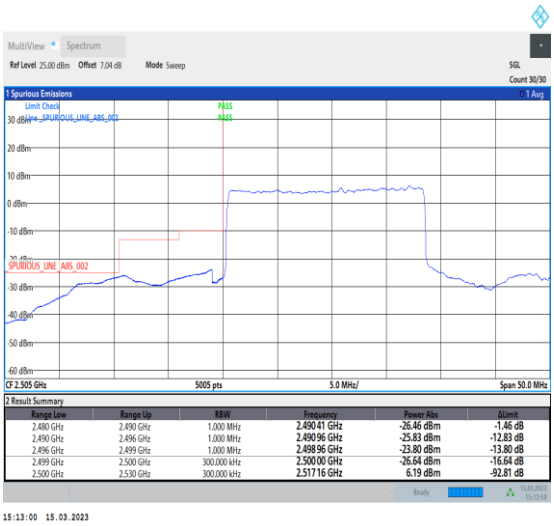

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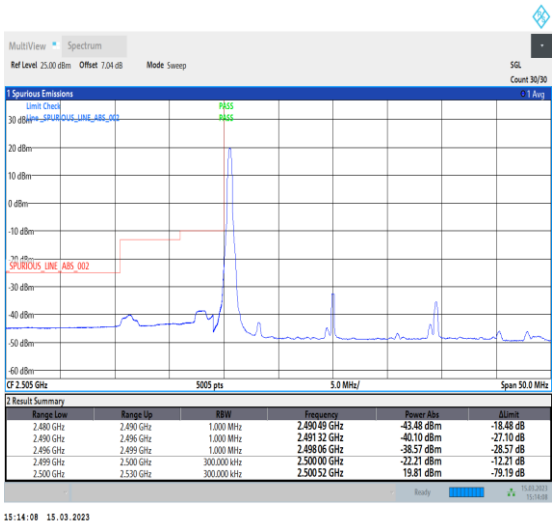

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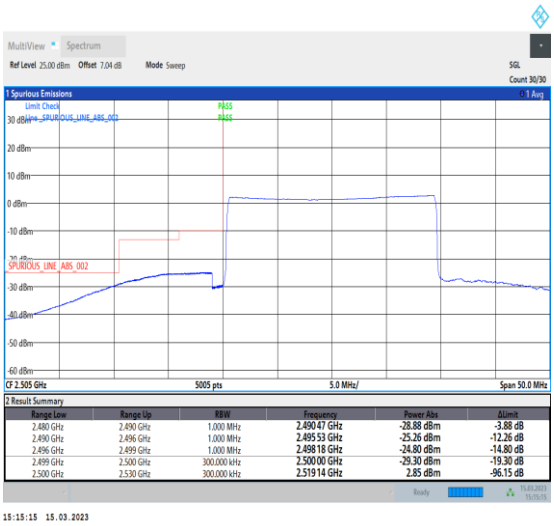

1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph

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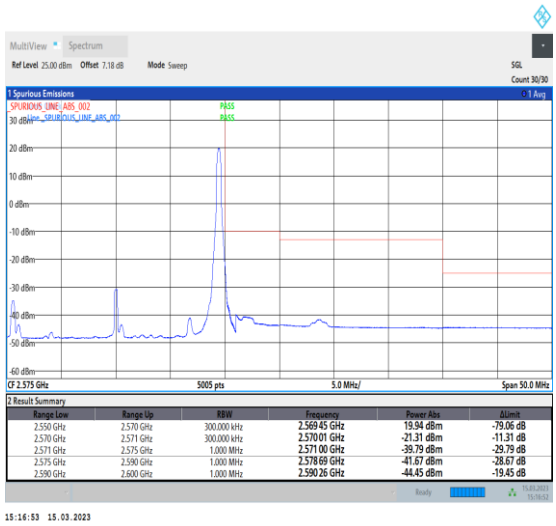

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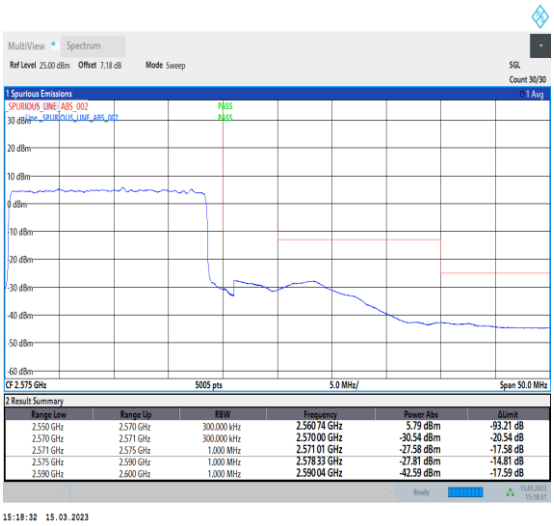

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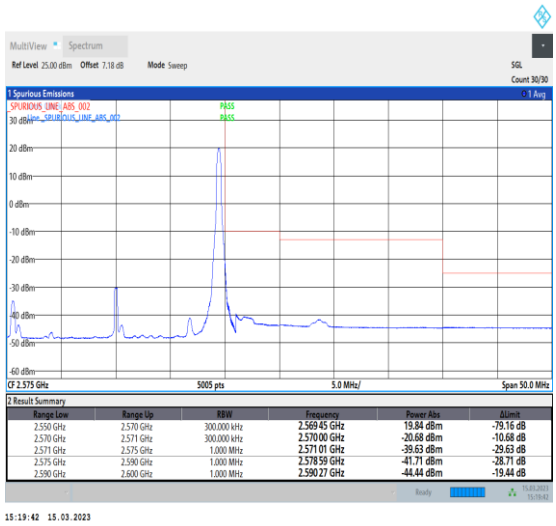

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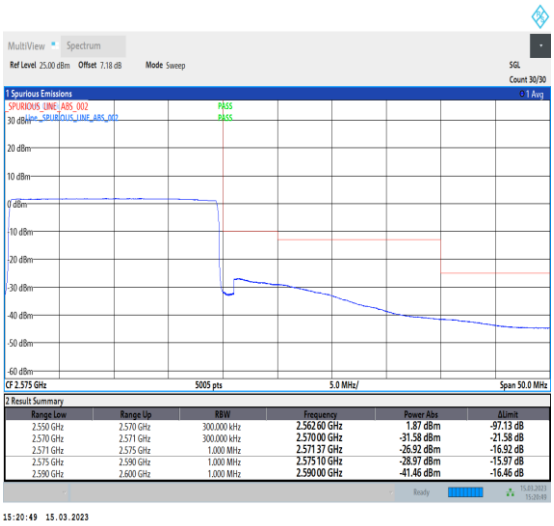

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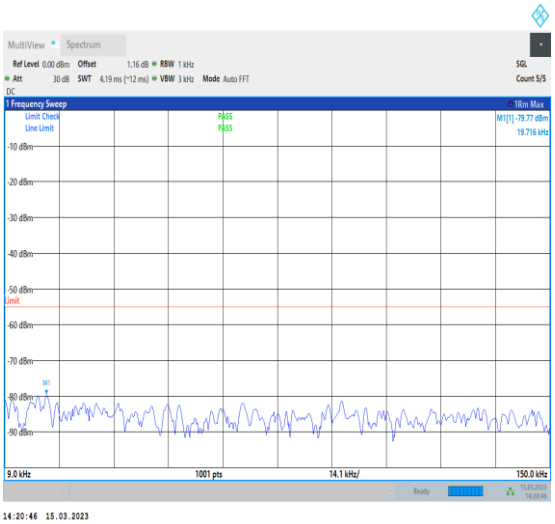
Test Graphs



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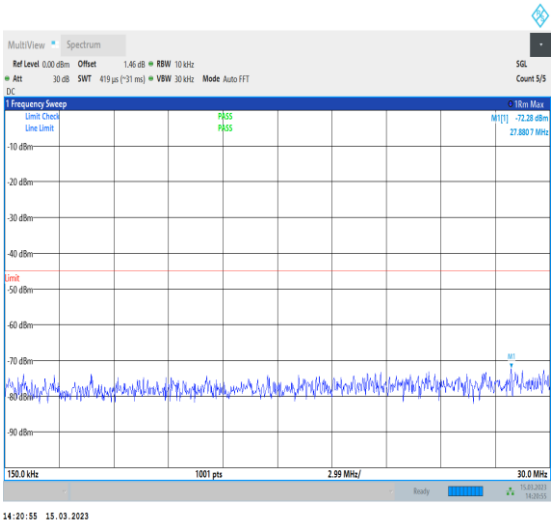

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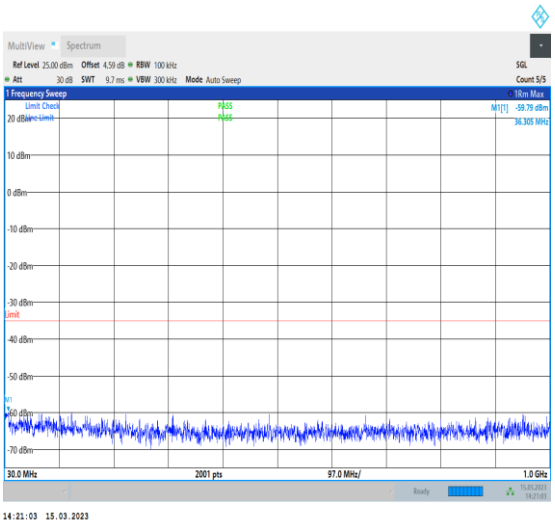

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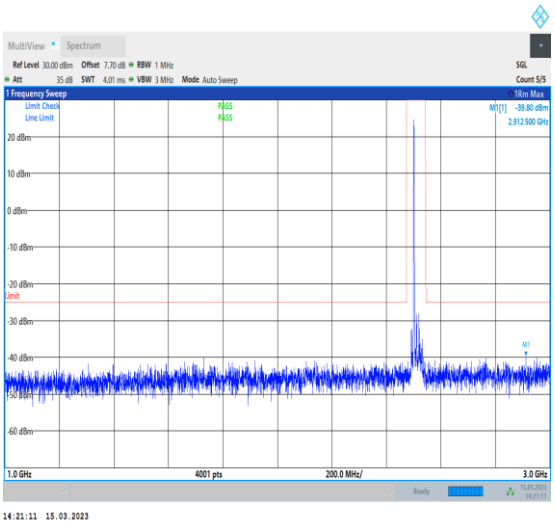

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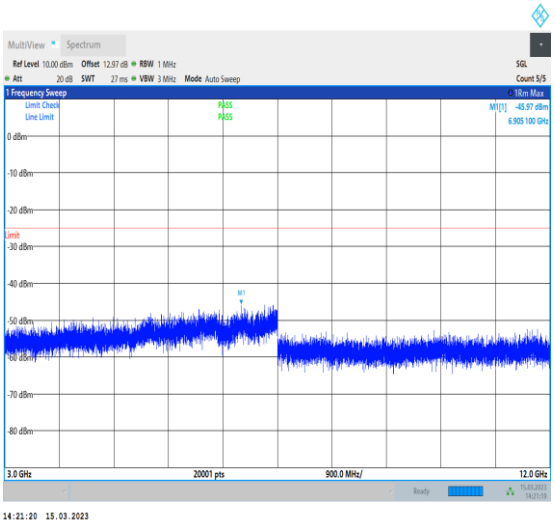

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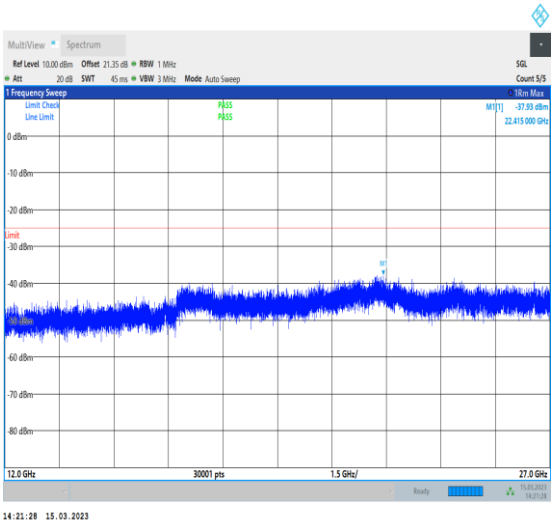

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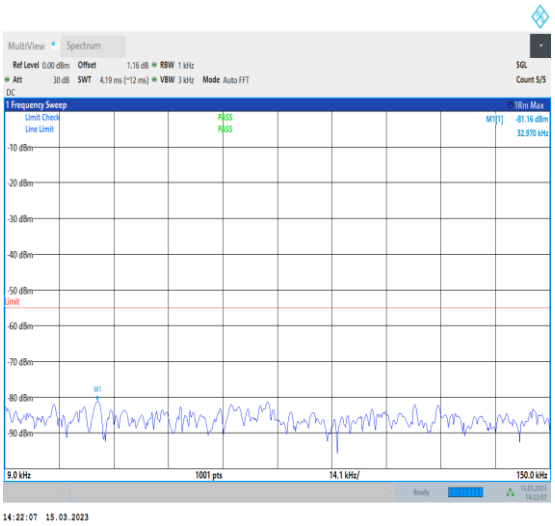

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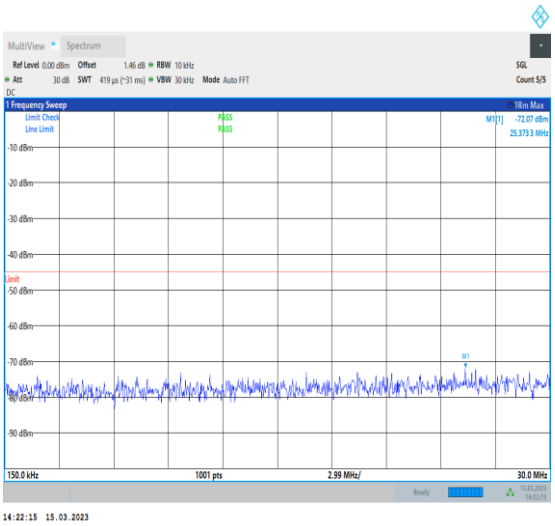

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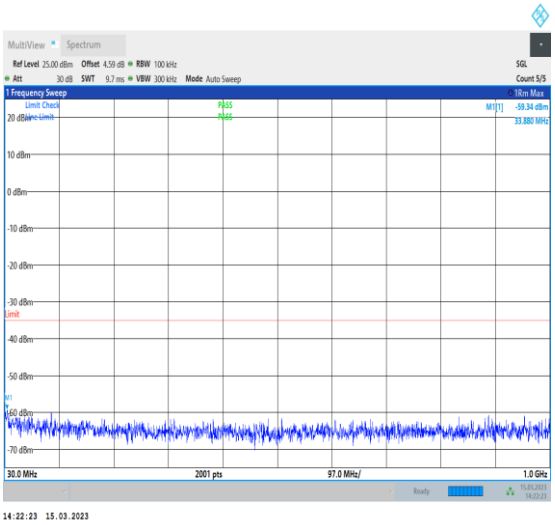

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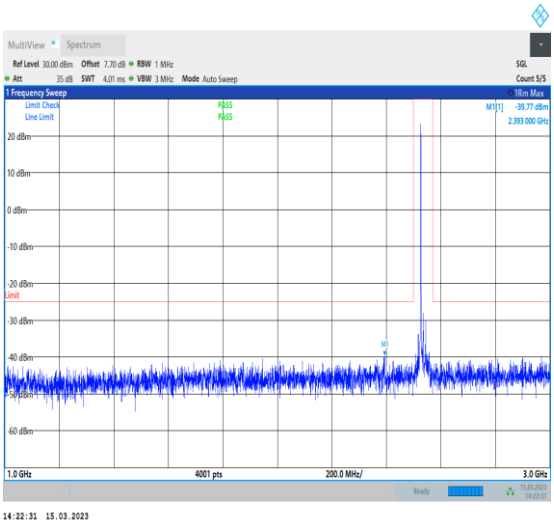

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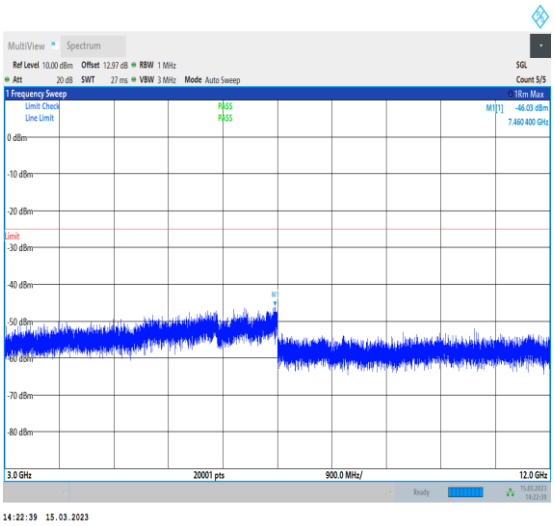

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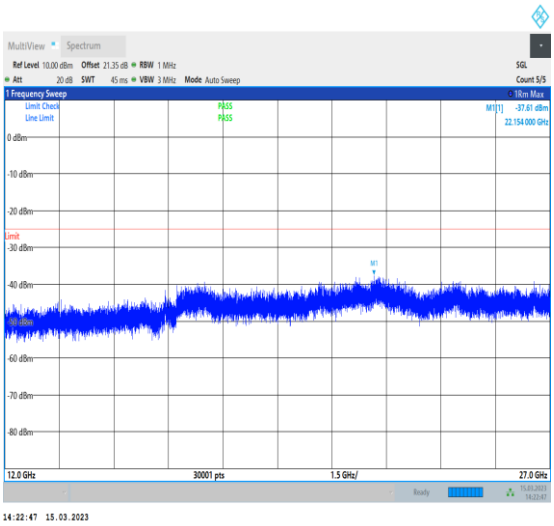

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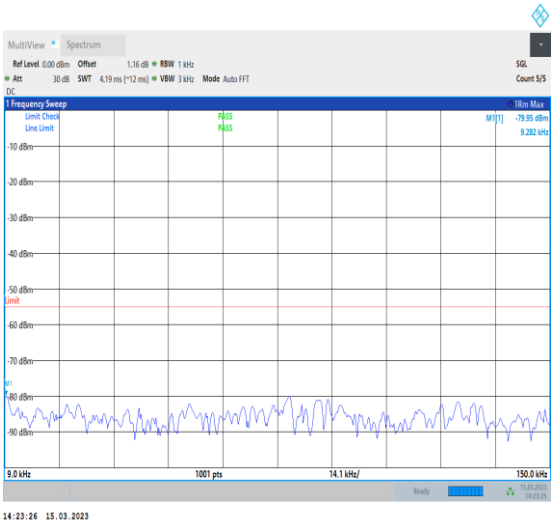

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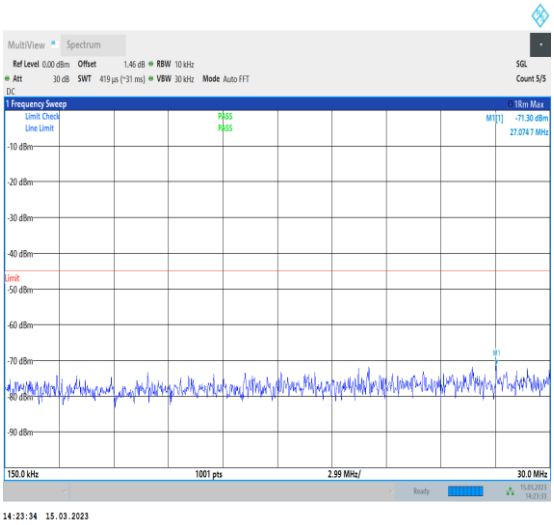

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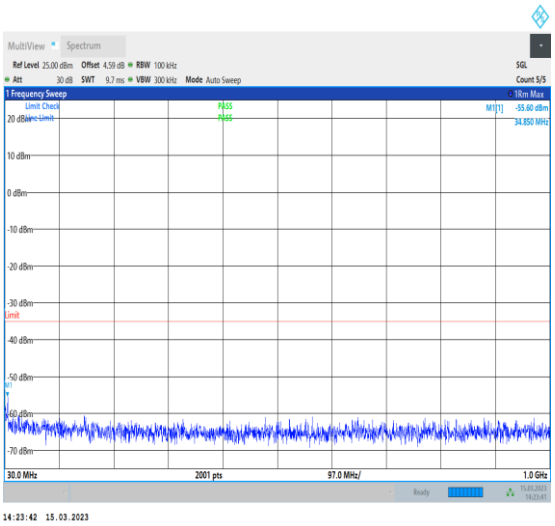

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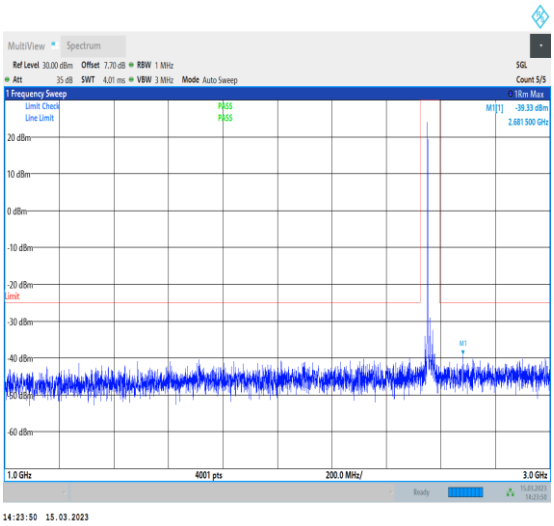

1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2681.50--39.33--25-PASS

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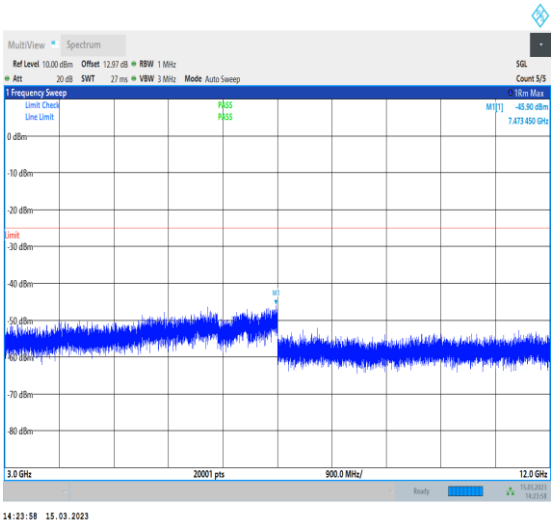	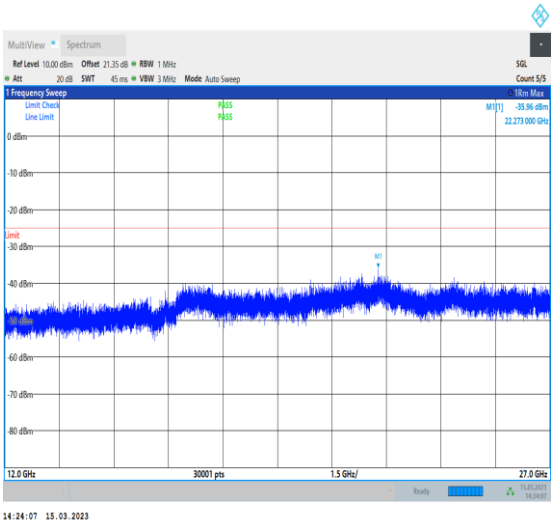
1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7473.45--45.90--25-PASS	1-N7-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-27000-Ant1-22273.00--35.96--25-PASS

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Member of the SGS Group (SGS SA)

Field Strength of Spurious Radiation

Test Band = SA Band7_20MHz _ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5004.1800	41.20	-45.63	32.88	-66.80	-25.00	41.80	144	181	Horizontal
2	7506.2700	39.78	-43.13	36.44	-62.17	-25.00	37.17	186	287	Horizontal
3	10008.3600	35.06	-39.23	38.50	-60.93	-25.00	35.93	254	165	Horizontal
4	12510.4500	31.61	-37.02	39.19	-61.49	-25.00	36.49	129	347	Horizontal
5	15012.5400	29.75	-34.67	39.20	-60.98	-25.00	35.98	145	227	Horizontal
6	17514.6300	32.33	-34.82	39.24	-58.51	-25.00	33.51	138	347	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	5004.1800	41.44	-45.63	32.88	-66.56	-25.00	41.56	124	105	Vertical
2	7506.2700	39.61	-43.13	36.44	-62.34	-25.00	37.34	175	287	Vertical
3	10008.3600	34.98	-39.23	38.50	-61.01	-25.00	36.01	146	195	Vertical
4	12510.4500	31.85	-37.02	39.19	-61.25	-25.00	36.25	233	346	Vertical
5	15012.5400	29.57	-34.67	39.20	-61.16	-25.00	36.16	259	209	Vertical
6	17514.6300	32.41	-34.82	39.24	-58.43	-25.00	33.43	148	150	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band7_20MHz _ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5034.1800	41.02	-45.55	32.90	-66.89	-25.00	41.89	254	58	Horizontal
2	7551.2700	39.19	-43.03	36.41	-62.69	-25.00	37.69	142	120	Horizontal
3	10068.3600	35.78	-39.16	38.60	-60.04	-25.00	35.04	123	0	Horizontal
4	12585.4500	31.06	-37.52	39.27	-62.46	-25.00	37.46	211	346	Horizontal
5	15102.5400	29.30	-34.92	39.08	-61.80	-25.00	36.80	261	256	Horizontal
6	17619.6300	31.48	-33.39	39.66	-57.51	-25.00	32.51	179	224	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	5034.1800	40.62	-45.55	32.90	-67.29	-25.00	42.29	144	0	Vertical
2	7551.2700	39.12	-43.03	36.41	-62.76	-25.00	37.76	153	136	Vertical
3	10068.3600	34.80	-39.16	38.60	-61.02	-25.00	36.02	289	239	Vertical
4	12585.4500	31.31	-37.52	39.27	-62.21	-25.00	37.21	291	317	Vertical
5	15102.5400	29.47	-34.92	39.08	-61.63	-25.00	36.63	155	0	Vertical
6	17619.6300	30.97	-33.39	39.66	-58.02	-25.00	33.02	160	300	Vertical

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Test Band = SA Band7_20MHz _ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5064.1800	41.36	-45.47	32.92	-66.45	-25.00	41.45	154	195	Horizontal
2	7596.2700	38.71	-42.94	36.39	-63.10	-25.00	38.10	156	332	Horizontal
3	10128.3600	33.50	-39.23	38.70	-62.29	-25.00	37.29	236	3	Horizontal
4	12660.4500	31.77	-37.05	39.39	-61.15	-25.00	36.15	259	136	Horizontal
5	15192.5400	29.19	-33.99	38.96	-61.10	-25.00	36.10	188	226	Horizontal
6	17724.6300	32.09	-34.18	40.33	-57.01	-25.00	32.01	175	255	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	5064.1800	41.83	-45.47	32.92	-65.98	-25.00	40.98	152	300	Vertical
2	7596.2700	39.05	-42.94	36.39	-62.76	-25.00	37.76	144	196	Vertical
3	10128.3600	33.94	-39.23	38.70	-61.85	-25.00	36.85	186	103	Vertical
4	12660.4500	31.78	-37.05	39.39	-61.14	-25.00	36.14	291	255	Vertical
5	15192.5400	28.61	-33.99	38.96	-61.68	-25.00	36.68	174	314	Vertical
6	17724.6300	32.18	-34.18	40.33	-56.92	-25.00	31.92	142	357	Vertical

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Test Band = NSA 2A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4003.5	41.76	-46.03	30.81	-68.72	-25.00	43.72	254	79	Horizontal
2	5436	40.61	-45.28	32.84	-67.09	-25.00	42.09	178	48	Horizontal
3	7580.25	37.00	-42.97	36.40	-64.83	-25.00	39.83	291	48	Horizontal
4	8931.75	33.95	-41.16	38.16	-64.31	-25.00	39.31	246	257	Horizontal
5	11310.75	26.88	-37.41	39.11	-66.68	-25.00	41.68	230	227	Horizontal
6	13838.25	25.25	-36.04	39.99	-66.05	-25.00	41.05	172	0	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	3492	43.69	-46.26	29.51	-68.32	-25.00	43.32	297	270	Vertical
2	5156.25	41.19	-45.32	32.97	-66.42	-25.00	41.42	256	301	Vertical
3	7599.75	40.05	-42.93	36.39	-61.75	-25.00	36.75	235	242	Vertical
4	9456.75	32.89	-40.06	38.48	-63.95	-25.00	38.95	124	123	Vertical
5	11397.75	26.51	-37.37	39.11	-67.01	-25.00	42.01	185	316	Vertical
6	14523	23.31	-34.94	39.99	-66.90	-25.00	41.90	246	270	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7224.75	36.41	-43.50	36.59	-65.77	-25.00	40.77	278	343	Horizontal
2	8497.5	34.10	-41.62	37.53	-65.24	-25.00	40.24	188	313	Horizontal
3	10630.5	25.58	-38.29	39.08	-68.89	-25.00	43.89	156	165	Horizontal
4	12018	23.36	-37.58	38.98	-70.49	-25.00	45.49	264	75	Horizontal
5	14677.5	21.59	-34.79	39.83	-68.63	-25.00	43.63	123	282	Horizontal
6	17197.5	26.78	-34.98	38.61	-64.85	-25.00	39.85	241	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	6992.25	38.22	-43.59	36.07	-64.56	-25.00	39.56	139	151	Vertical
2	8457	35.08	-41.55	37.45	-64.28	-25.00	39.28	258	257	Vertical
3	11236.5	25.64	-37.40	39.11	-67.91	-25.00	42.91	246	213	Vertical
4	13379.25	23.87	-36.43	40.13	-67.69	-25.00	42.69	274	0	Vertical
5	15183.75	22.64	-34.09	38.97	-67.74	-25.00	42.74	144	357	Vertical
6	16479.75	25.60	-33.97	37.88	-65.75	-25.00	40.75	240	122	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5352	39.88	-45.20	32.85	-67.73	-25.00	42.73	138	356	Horizontal
2	7830	35.07	-42.46	36.81	-65.84	-25.00	40.84	297	325	Horizontal
3	9608.25	30.69	-39.65	38.43	-65.79	-25.00	40.79	145	44	Horizontal
4	12648	23.82	-37.17	39.36	-69.24	-25.00	44.24	165	14	Horizontal
5	14547	22.99	-35.05	39.98	-67.34	-25.00	42.34	244	341	Horizontal
6	15863.25	23.90	-33.82	38.09	-67.09	-25.00	42.09	217	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	4843.5	44.78	-45.54	32.44	-63.57	-25.00	38.57	184	64	Vertical
2	7161	37.33	-43.73	36.50	-65.16	-25.00	40.16	277	242	Vertical
3	10337.25	27.49	-39.06	38.84	-67.99	-25.00	42.99	189	21	Vertical
4	12831	24.59	-36.92	39.66	-67.93	-25.00	42.93	239	0	Vertical
5	14607.75	23.09	-35.24	39.93	-67.48	-25.00	42.48	256	168	Vertical
6	16447.5	26.28	-34.18	37.82	-65.34	-25.00	40.34	241	273	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 5A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	42.99	-45.54	32.44	-65.36	-25.00	40.36	279	243	Horizontal
2	5844	40.79	-44.85	33.83	-65.48	-25.00	40.48	285	108	Horizontal
3	7583.25	37.37	-42.97	36.40	-64.46	-25.00	39.46	156	62	Horizontal
4	9456.75	33.02	-40.06	38.48	-63.82	-25.00	38.82	234	168	Horizontal
5	11334.75	26.69	-37.40	39.11	-66.86	-25.00	41.86	185	286	Horizontal
6	13842.75	25.52	-35.99	40.00	-65.74	-25.00	40.74	155	0	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	3367.5	43.13	-46.34	29.47	-69.00	-25.00	44.00	129	47	Vertical
2	4843.5	45.58	-45.54	32.44	-62.77	-25.00	37.77	330	61	Vertical
3	7600.5	39.89	-42.93	36.39	-61.91	-25.00	36.91	194	242	Vertical
4	9082.5	33.14	-40.46	38.26	-64.33	-25.00	39.33	275	0	Vertical
5	11390.25	27.32	-37.37	39.11	-66.20	-25.00	41.20	266	316	Vertical
6	13608	24.98	-36.09	40.14	-66.22	-25.00	41.22	184	92	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 5A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6797.25	38.65	-44.16	35.83	-64.94	-25.00	39.94	138	356	Horizontal
2	8408.25	35.45	-41.46	37.35	-63.93	-25.00	38.93	297	222	Horizontal
3	10692	25.22	-37.93	39.13	-68.83	-25.00	43.83	160	296	Horizontal
4	12787.5	24.52	-36.81	39.61	-67.94	-25.00	42.94	241	59	Horizontal
5	14442.75	22.80	-34.82	40.05	-67.23	-25.00	42.23	189	59	Horizontal
6	16484.25	26.25	-33.94	37.89	-65.06	-25.00	40.06	288	328	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	6331.5	38.80	-44.50	34.48	-66.48	-25.00	41.48	132	4	Vertical
2	7043.25	38.43	-43.84	36.19	-64.47	-25.00	39.47	254	62	Vertical
3	8404.5	35.09	-41.46	37.34	-64.29	-25.00	39.29	270	243	Vertical
4	10830.75	25.20	-38.36	39.20	-69.23	-25.00	44.23	167	228	Vertical
5	14399.25	22.63	-34.81	40.08	-67.36	-25.00	42.36	287	228	Vertical
6	16479	25.56	-33.98	37.88	-65.79	-25.00	40.79	146	48	Vertical

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Test Band = NSA 5A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7519.5	36.21	-43.10	36.43	-65.72	-25.00	40.72	274	46	Horizontal
2	8970.75	33.14	-41.07	38.18	-65.01	-25.00	40.01	188	359	Horizontal
3	10595.25	25.77	-38.49	39.06	-68.92	-25.00	43.92	293	14	Horizontal
4	11259.75	26.04	-37.41	39.11	-67.52	-25.00	42.52	263	282	Horizontal
5	13777.5	24.93	-36.35	39.98	-66.69	-25.00	41.69	148	360	Horizontal
6	16323	25.56	-34.60	37.68	-66.62	-25.00	41.62	182	150	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	6662.25	38.46	-44.01	35.56	-65.25	-25.00	40.25	129	168	Vertical
2	8404.5	35.40	-41.46	37.34	-63.98	-25.00	38.98	239	257	Vertical
3	9417.75	31.45	-39.90	38.49	-65.23	-25.00	40.23	274	122	Vertical
4	12096.75	24.32	-37.35	39.05	-69.24	-25.00	44.24	188	168	Vertical
5	13387.5	23.21	-36.38	40.14	-68.30	-25.00	43.30	155	0	Vertical
6	15156.75	23.37	-34.37	39.01	-67.25	-25.00	42.25	146	0	Vertical

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Test Band = NSA 7A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4438.5	41.89	-45.78	31.55	-67.60	-25.00	42.60	132	268	Horizontal
2	5606.25	41.17	-45.06	33.04	-66.10	-25.00	41.10	245	102	Horizontal
3	8427.75	36.41	-41.50	37.39	-62.96	-25.00	37.96	286	206	Horizontal
4	10347	28.43	-39.05	38.85	-67.04	-25.00	42.04	277	1	Horizontal
5	12790.5	25.38	-36.82	39.61	-67.08	-25.00	42.08	170	0	Horizontal
6	16650	27.16	-34.52	38.20	-64.43	-25.00	39.43	162	268	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	3964.5	41.83	-46.13	30.72	-68.84	-25.00	43.84	124	153	Vertical
2	4843.5	45.26	-45.54	32.44	-63.09	-25.00	38.09	278	66	Vertical
3	6360.75	40.10	-44.46	34.54	-65.08	-25.00	40.08	196	287	Vertical
4	8454.75	35.93	-41.54	37.44	-63.43	-25.00	38.43	302	258	Vertical
5	12221.25	25.29	-37.47	39.12	-68.32	-25.00	43.32	145	139	Vertical
6	15157.5	24.43	-34.36	39.01	-66.18	-25.00	41.18	216	0	Vertical

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Test Band = NSA 7A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3173.25	42.65	-45.88	29.64	-68.85	-25.00	43.85	139	299	Horizontal
2	4722.75	40.14	-45.59	32.08	-68.62	-25.00	43.62	284	60	Horizontal
3	6994.5	38.09	-43.58	36.07	-64.68	-25.00	39.68	244	105	Horizontal
4	9542.25	31.80	-39.99	38.45	-65.00	-25.00	40.00	156	343	Horizontal
5	11199	25.73	-37.40	39.11	-67.82	-25.00	42.82	274	254	Horizontal
6	14391	22.32	-34.92	40.09	-67.78	-25.00	42.78	156	164	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	4843.5	45.01	-45.54	32.44	-63.34	-25.00	38.34	293	65	Vertical
2	6444.75	38.54	-44.50	34.80	-66.42	-25.00	41.42	246	34	Vertical
3	9365.25	30.33	-39.97	38.46	-66.43	-25.00	41.43	244	154	Vertical
4	11595.75	22.68	-36.92	38.89	-70.60	-25.00	45.60	175	169	Vertical
5	13860	24.08	-35.83	40.01	-67.00	-25.00	42.00	142	154	Vertical
6	16501.5	25.71	-33.85	37.93	-65.47	-25.00	40.47	166	1	Vertical

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Test Band = NSA 7A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3907.5	41.09	-46.26	30.58	-69.85	-25.00	44.85	169	150	Horizontal
2	5047.5	40.68	-45.51	32.91	-67.19	-25.00	42.19	302	360	Horizontal
3	8410.5	35.41	-41.47	37.35	-63.97	-25.00	38.97	142	360	Horizontal
4	11905.5	23.26	-37.13	38.87	-70.26	-25.00	45.26	175	120	Horizontal
5	13858.5	24.30	-35.84	40.01	-66.79	-25.00	41.79	155	359	Horizontal
6	16669.5	26.43	-34.50	38.22	-65.11	-25.00	40.11	268	359	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	3125.25	47.07	-46.14	29.56	-64.77	-25.00	39.77	249	73	Vertical
2	4074	40.99	-45.83	30.91	-69.19	-25.00	44.19	309	194	Vertical
3	6992.25	38.09	-43.59	36.07	-64.69	-25.00	39.69	287	357	Vertical
4	11834.25	22.78	-36.99	38.79	-70.69	-25.00	45.69	145	1	Vertical
5	13839	24.14	-36.03	40.00	-67.15	-25.00	42.15	260	30	Vertical
6	16461	25.64	-34.09	37.85	-65.87	-25.00	40.87	124	357	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 2A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3473.25	43.02	-46.27	29.50	-69.01	-25.00	44.01	215	273	Horizontal
2	4500.75	41.69	-45.71	31.61	-67.67	-25.00	42.67	145	7	Horizontal
3	4843.5	45.75	-45.54	32.44	-62.60	-25.00	37.60	186	316	Horizontal
4	5555.25	41.35	-45.15	32.97	-66.09	-25.00	41.09	122	3	Horizontal
5	6979.5	40.48	-43.66	36.06	-62.39	-25.00	37.39	195	107	Horizontal
6	9320.25	36.55	-40.14	38.43	-60.42	-25.00	35.42	188	213	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	3741	49.30	-45.67	30.12	-61.51	-25.00	36.51	254	331	Vertical
2	4826.25	41.37	-45.54	32.39	-67.03	-25.00	42.03	125	344	Vertical
3	6438.75	40.62	-44.49	34.78	-64.35	-25.00	39.35	166	272	Vertical
4	8031.75	38.99	-42.04	37.02	-61.28	-25.00	36.28	133	60	Vertical
5	11503.5	32.21	-37.30	39.00	-61.35	-25.00	36.35	215	272	Vertical
6	12224.25	32.53	-37.47	39.12	-61.08	-25.00	36.08	198	29	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 2A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	42.85	-45.67	30.12	-67.96	-25.00	42.96	255	29	Horizontal
2	4843.5	45.90	-45.54	32.44	-62.45	-25.00	37.45	148	315	Horizontal
3	6052.5	41.00	-44.63	34.15	-64.74	-25.00	39.74	178	255	Horizontal
4	7749.75	39.54	-42.72	36.68	-61.76	-25.00	36.76	189	195	Horizontal
5	10020.75	35.70	-39.22	38.52	-60.25	-25.00	35.25	156	2	Horizontal
6	11574	31.99	-37.01	38.92	-61.36	-25.00	36.36	133	16	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	3741	46.80	-45.67	30.12	-64.01	-25.00	39.01	144	357	Vertical
2	4843.5	45.62	-45.54	32.44	-62.73	-25.00	37.73	126	226	Vertical
3	5941.5	41.49	-44.91	34.02	-64.66	-25.00	39.66	153	332	Vertical
4	7187.25	40.12	-43.52	36.57	-62.09	-25.00	37.09	216	166	Vertical
5	9102	36.83	-40.35	38.27	-60.51	-25.00	35.51	158	62	Vertical
6	10667.25	33.78	-38.07	39.11	-60.44	-25.00	35.44	199	0	Vertical

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Test Band = NR CA 2A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3804.75	42.10	-45.94	30.34	-68.76	-25.00	43.76	245	0	Horizontal
2	5958.75	41.41	-44.89	34.05	-64.69	-25.00	39.69	126	168	Horizontal
3	8337	38.67	-41.80	37.25	-61.14	-25.00	36.14	258	347	Horizontal
4	11214	33.22	-37.39	39.11	-60.32	-25.00	35.32	195	48	Horizontal
5	13604.25	31.87	-36.08	40.15	-59.33	-25.00	34.33	142	77	Horizontal
6	14523.75	30.44	-34.95	39.99	-59.77	-25.00	34.77	133	77	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	3741	46.99	-45.67	30.12	-63.82	-25.00	38.82	215	357	Vertical
2	4531.5	45.27	-45.70	31.64	-64.05	-25.00	39.05	145	286	Vertical
3	5403.75	41.43	-45.30	32.80	-66.32	-25.00	41.32	165	331	Vertical
4	6183	40.83	-44.71	34.19	-64.94	-25.00	39.94	195	105	Vertical
5	7425.75	40.50	-43.34	36.48	-61.62	-25.00	36.62	185	105	Vertical
6	8845.5	37.74	-41.25	38.11	-60.66	-25.00	35.66	133	91	Vertical

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Test Band = NR CA 5A_n7A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	28.21	-24.81	25.37	-66.49	-25.00	41.49	214	360	Horizontal
2	2475.2700	28.61	-23.55	27.69	-62.51	-25.00	37.51	188	274	Horizontal
3	3300.3600	42.56	-46.46	29.55	-69.60	-25.00	44.60	253	8	Horizontal
4	5004.1800	40.63	-45.63	32.88	-67.37	-25.00	42.37	271	78	Horizontal
5	7506.2700	36.55	-43.13	36.44	-65.40	-25.00	40.40	189	347	Horizontal
6	10008.3600	28.39	-39.23	38.50	-67.60	-25.00	42.60	201	357	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	1650.1800	28.07	-24.81	25.37	-66.63	-25.00	41.63	277	103	Vertical
2	2475.2700	28.64	-23.55	27.69	-62.48	-25.00	37.48	149	356	Vertical
3	3300.3600	42.50	-46.46	29.55	-69.66	-25.00	44.66	152	169	Vertical
4	5004.1800	40.82	-45.63	32.88	-67.18	-25.00	42.18	203	213	Vertical
5	7506.2700	36.54	-43.13	36.44	-65.41	-25.00	40.41	255	109	Vertical
6	10008.3600	28.28	-39.23	38.50	-67.71	-25.00	42.71	289	243	Vertical

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Test Band = NR CA 5A_n7A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	28.27	-24.80	25.37	-66.42	-25.00	41.42	244	59	Horizontal
2	2482.7700	28.80	-23.55	27.71	-62.29	-25.00	37.29	177	355	Horizontal
3	3310.3600	43.80	-46.44	29.54	-68.36	-25.00	43.36	186	357	Horizontal
4	5034.1800	41.24	-45.55	32.90	-66.67	-25.00	41.67	239	18	Horizontal
5	7551.2700	36.41	-43.03	36.41	-65.47	-25.00	40.47	214	1	Horizontal
6	10068.3600	27.84	-39.16	38.60	-67.98	-25.00	42.98	156	183	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	1655.1800	28.12	-24.80	25.37	-66.57	-25.00	41.57	178	358	Vertical
2	2482.7700	28.72	-23.55	27.71	-62.37	-25.00	37.37	285	360	Vertical
3	3310.3600	42.96	-46.44	29.54	-69.20	-25.00	44.20	165	243	Vertical
4	5034.1800	41.01	-45.55	32.90	-66.90	-25.00	41.90	274	25	Vertical
5	7551.2700	36.54	-43.03	36.41	-65.34	-25.00	40.34	156	9	Vertical
6	10068.3600	27.82	-39.16	38.60	-68.00	-25.00	43.00	299	1	Vertical

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Test Band = NR CA 5A_n7A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	28.32	-24.79	25.37	-66.36	-25.00	41.36	287	9	Horizontal
2	2490.2700	28.52	-23.54	27.74	-62.54	-25.00	37.54	209	358	Horizontal
3	3320.3600	42.40	-46.42	29.53	-69.75	-25.00	44.75	233	242	Horizontal
4	5064.1800	40.64	-45.47	32.92	-67.17	-25.00	42.17	162	77	Horizontal
5	7596.2700	36.05	-42.94	36.39	-65.76	-25.00	40.76	210	317	Horizontal
6	10128.3600	26.93	-39.23	38.70	-68.86	-25.00	43.86	135	240	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	1660.1800	28.43	-24.79	25.37	-66.25	-25.00	41.25	179	360	Vertical
2	2490.2700	28.64	-23.54	27.74	-62.42	-25.00	37.42	258	155	Vertical
3	3320.3600	42.53	-46.42	29.53	-69.62	-25.00	44.62	168	302	Vertical
4	5064.1800	41.08	-45.47	32.92	-66.73	-25.00	41.73	298	107	Vertical
5	7596.2700	36.24	-42.94	36.39	-65.57	-25.00	40.57	152	257	Vertical
6	10128.3600	26.51	-39.23	38.70	-69.28	-25.00	44.28	263	1	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

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-1.700000	-0.000671	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.900000	-0.001538	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.100000	-0.000039	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VH	NT	-0.300000	-0.000118	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VN	NT	-1.100000	-0.000434	PASS
N7	15	20	CP-QPSK	M	Outer_Full	VL	NT	1.300000	0.000513	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.600000	0.001026	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.800000	-0.001499	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.600000	-0.002209	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.900000	-0.002327	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-4.200000	-0.001657	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.200000	-0.002051	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.000000	-0.001183	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.700000	-0.001065	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.800000	-0.001499	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-30	-1.300000	-0.000513	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-20	-0.300000	-0.000118	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	-10	-0.800000	-0.000316	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	0	0.200000	0.000079	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.900000	-0.000750	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	20	1.300000	0.000513	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	30	-0.600000	-0.000237	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	40	-0.500000	-0.000197	PASS
N7	15	20	CP-QPSK	M	Outer_Full	NV	50	0.800000	0.000316	PASS

---End of Attachment---

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