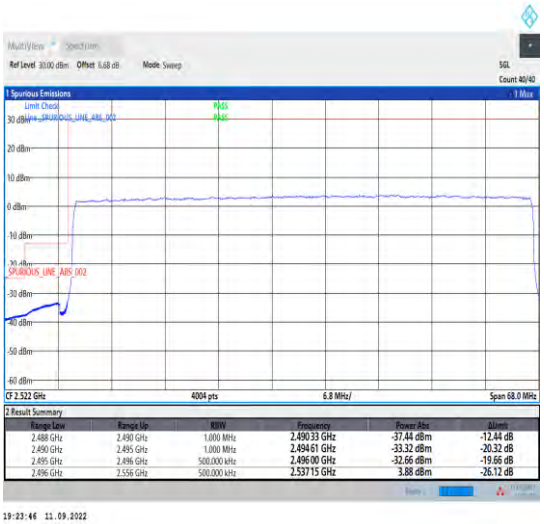
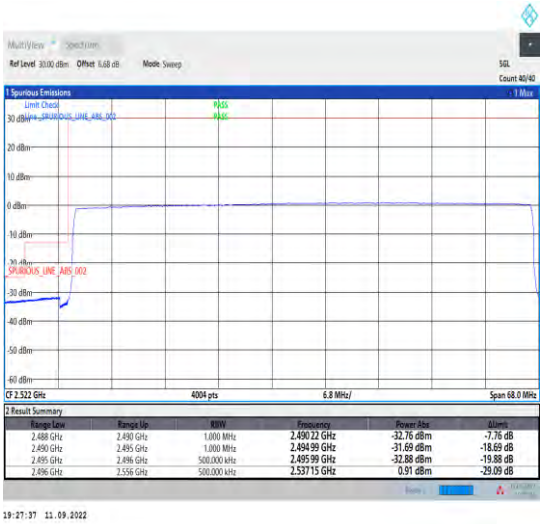
1-N41--30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41--30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph

1-N41--30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41--30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph

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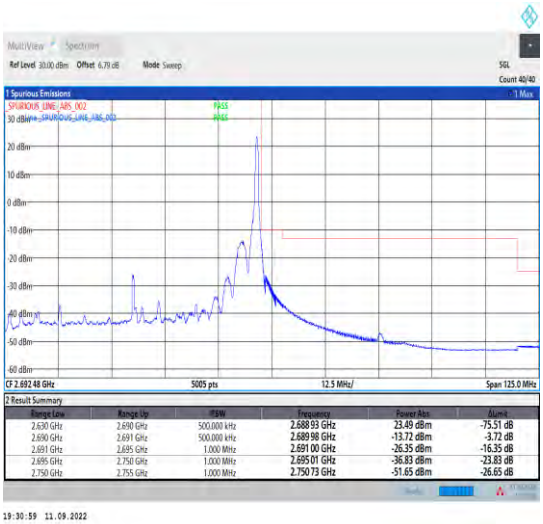
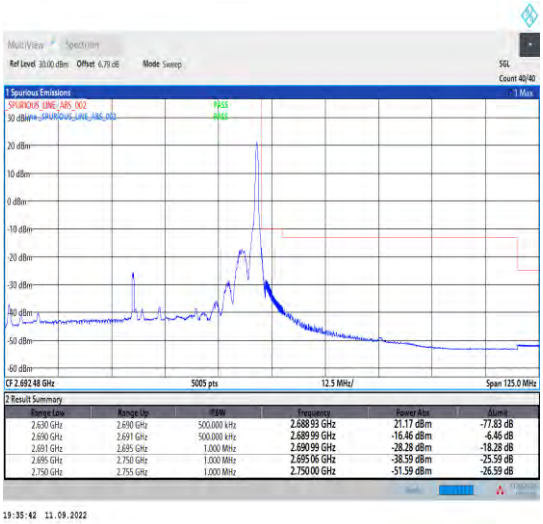


1-N41--30-60-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph

1-N41--30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



1-N41--30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph

1-N41--30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph

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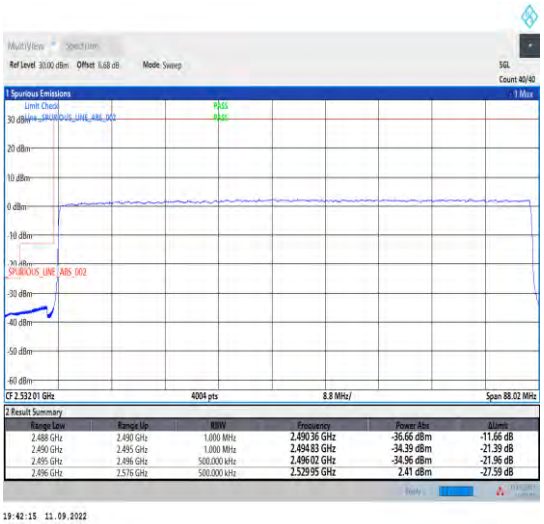
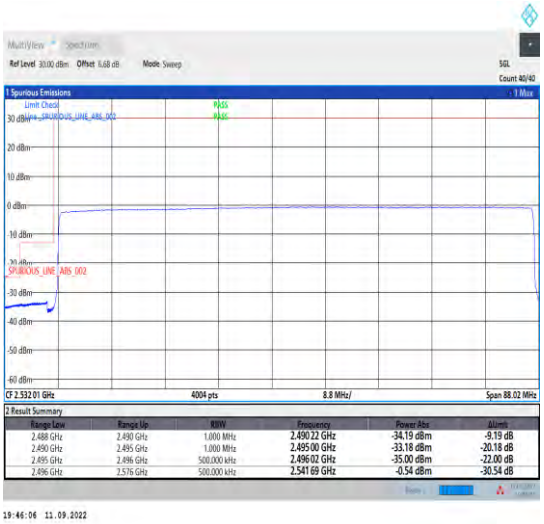
1-N41--30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41--30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph

1-N41--30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41--30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph

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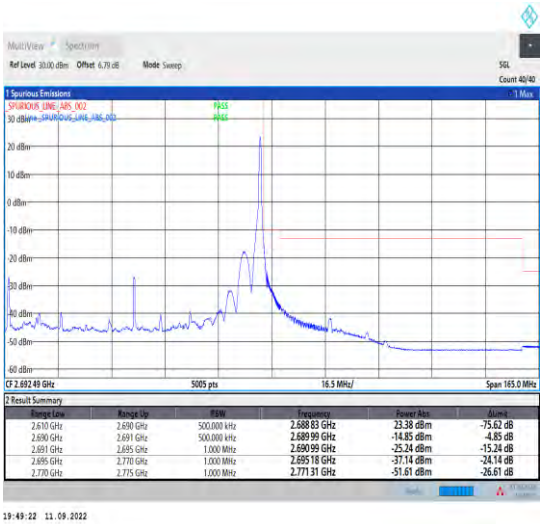
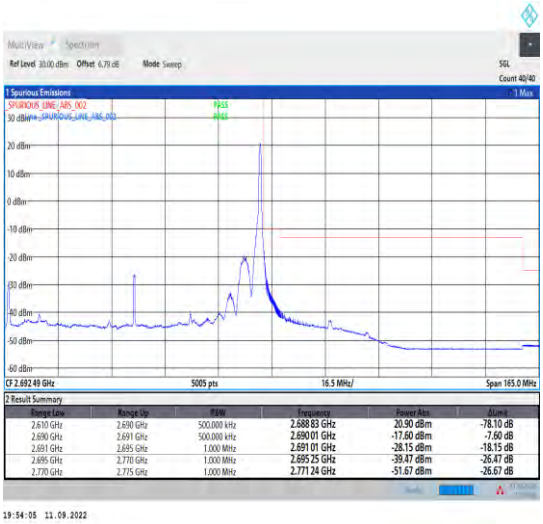


1-N41--30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph

1-N41--30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N41--30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph

1-N41--30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph

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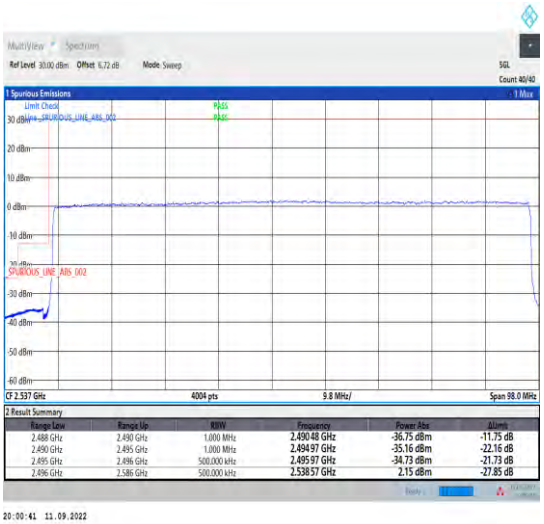
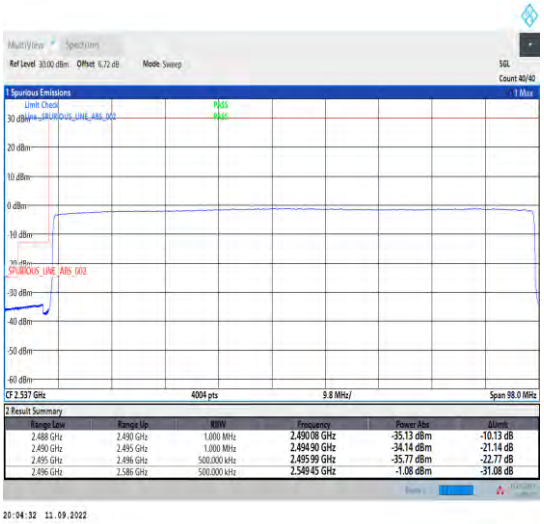
1-N41--30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41--30-90-L-3-DFT-PI2BPSK-Outer_Full-243@0-Ant1-1--PASS-see graph

1-N41--30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N41--30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph

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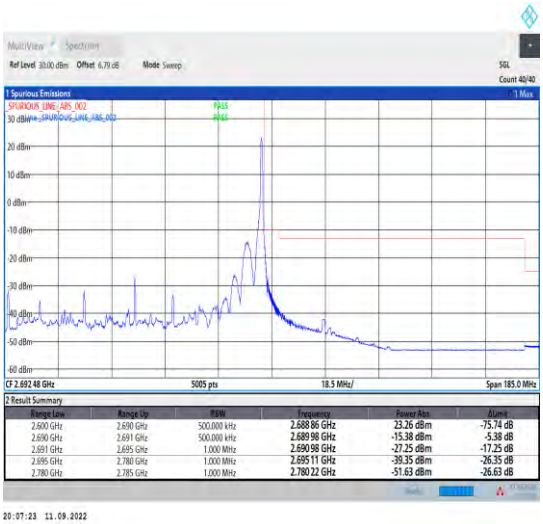

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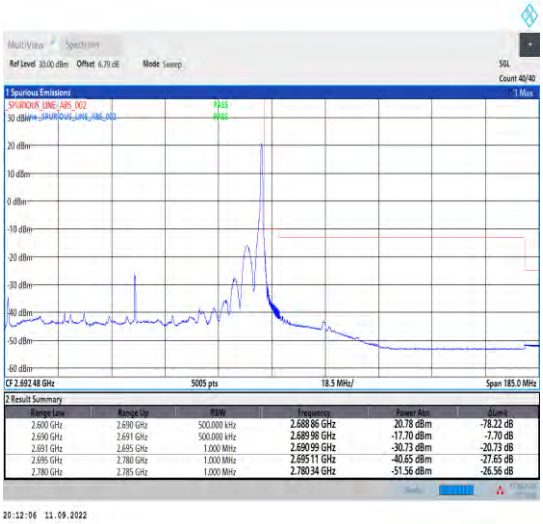

1-N41--30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph

1-N41--30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph

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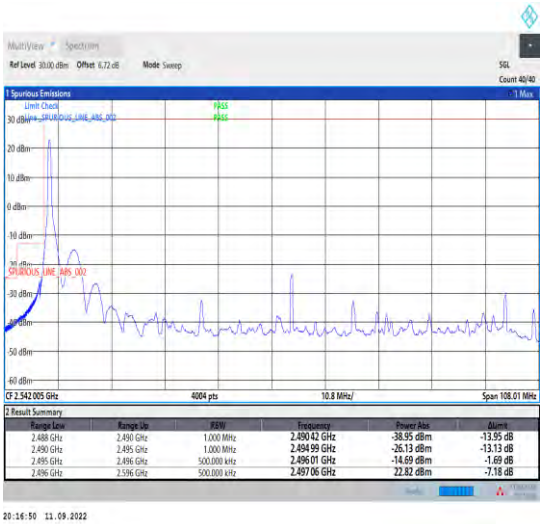

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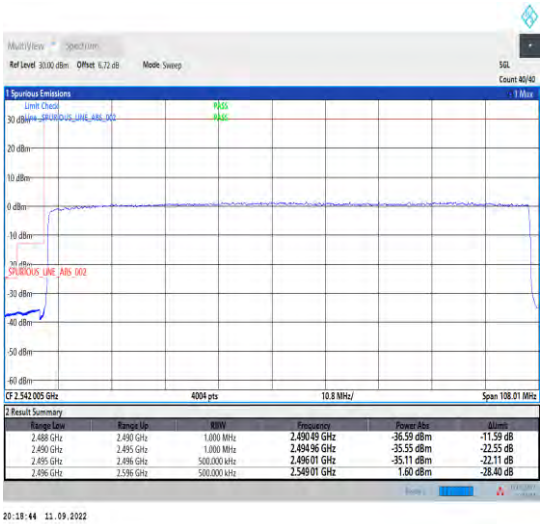

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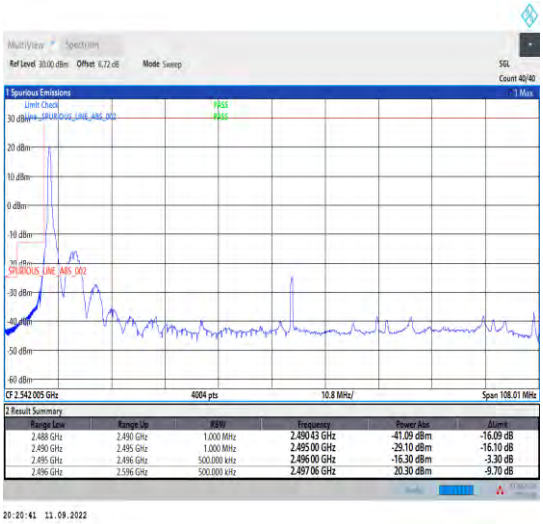

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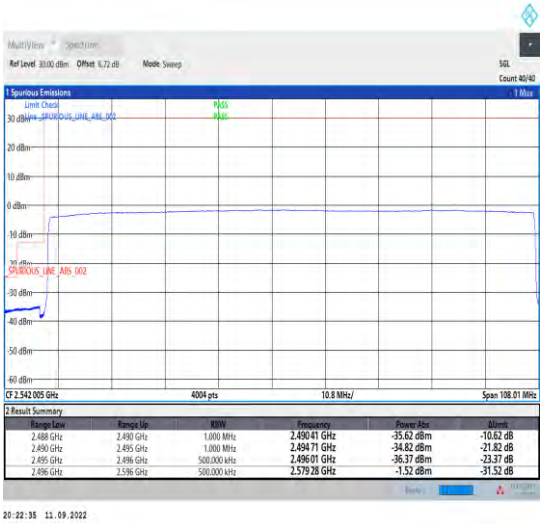

1-N41--30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph

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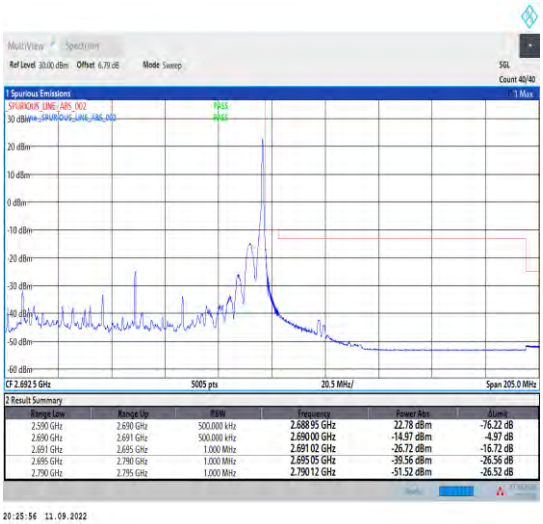

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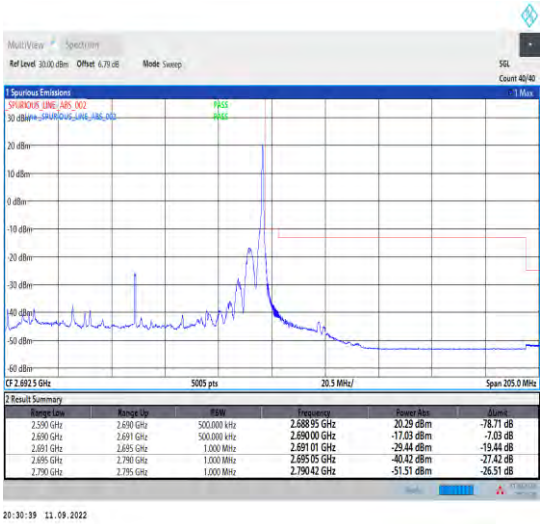

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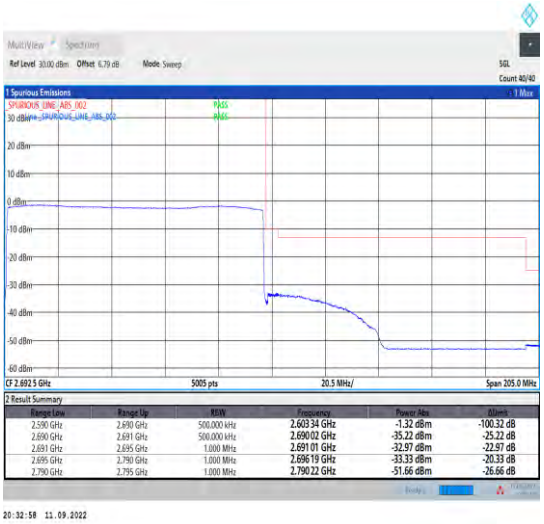

1-N41--30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph

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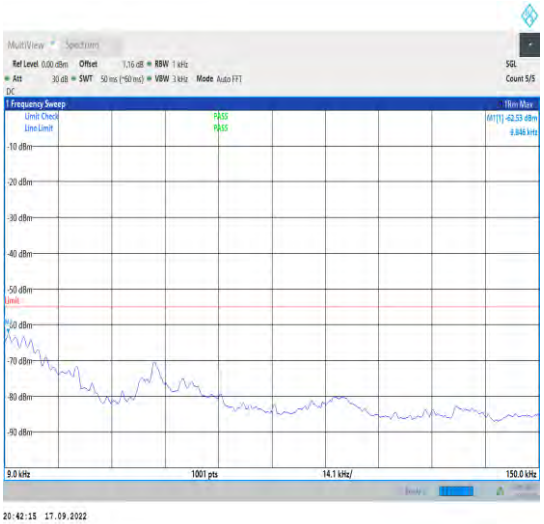
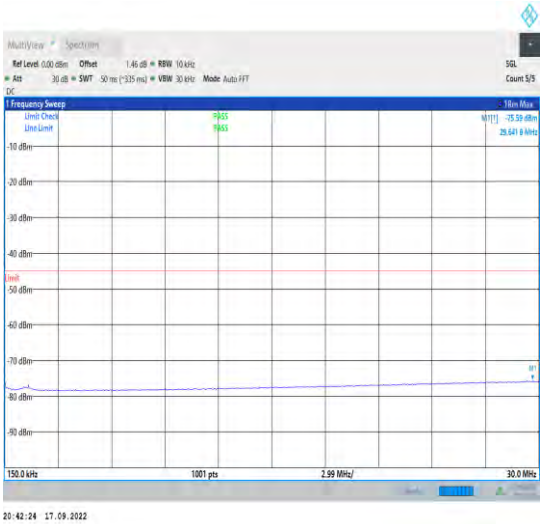
Test Graphs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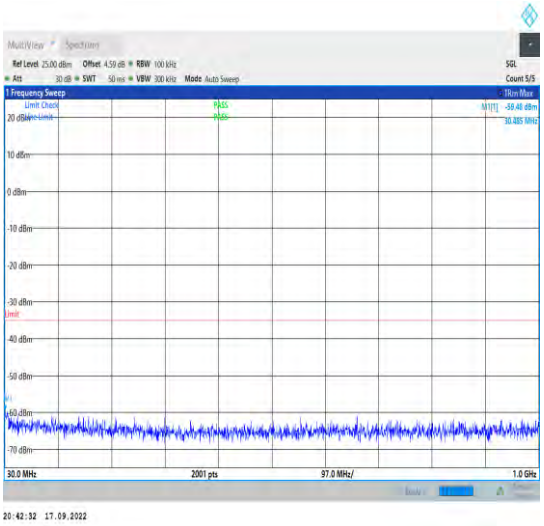	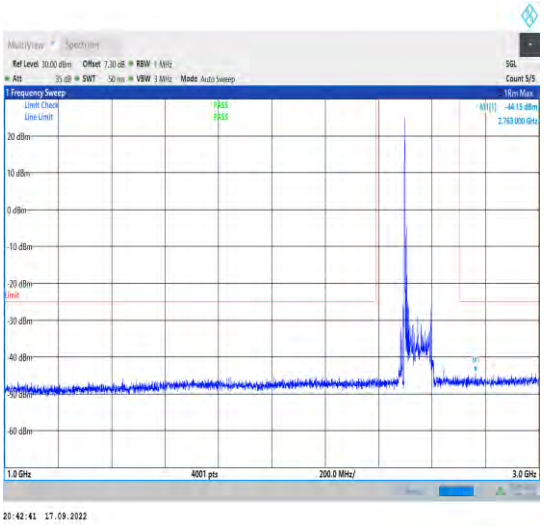
1-N41--30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-30-1000-Ant1-30.49--59.48--35-PASS	1-N41--30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-1000-3000-Ant1-2763.00--44.15--25-PASS

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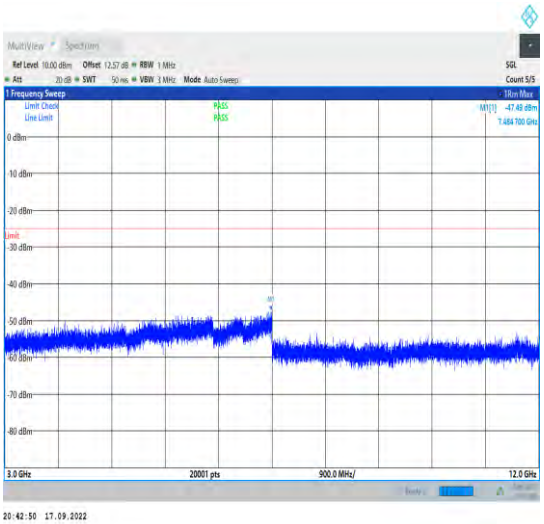

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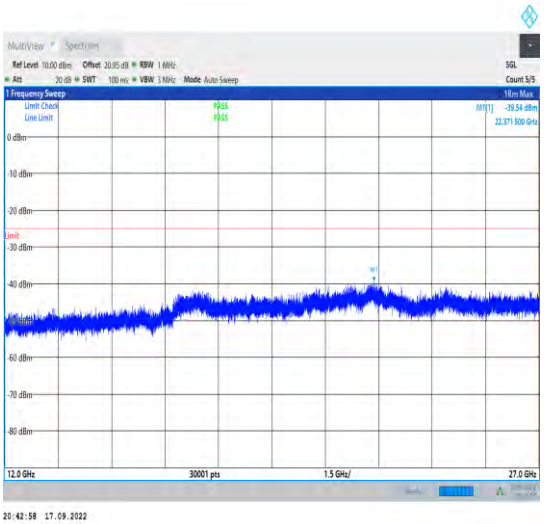

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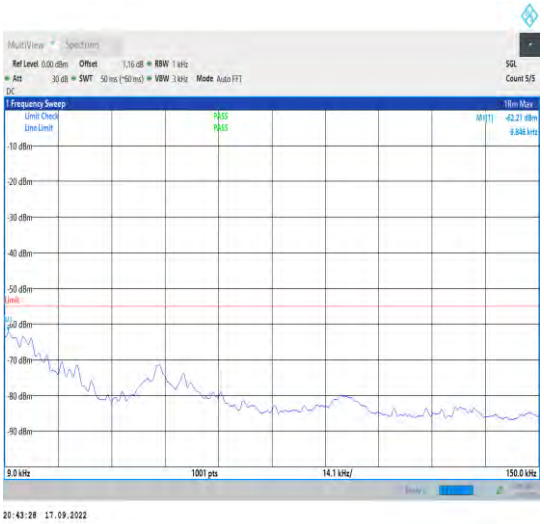

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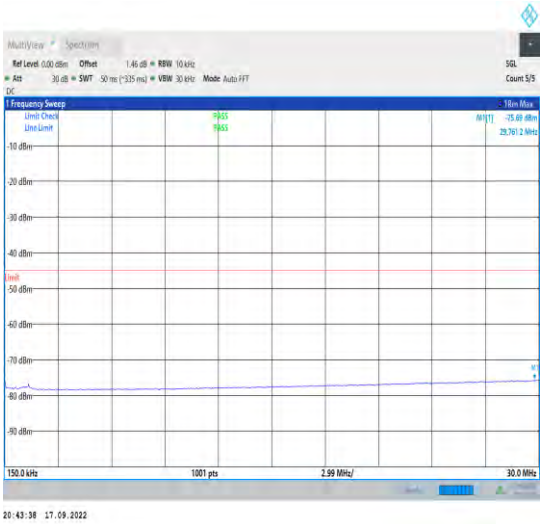

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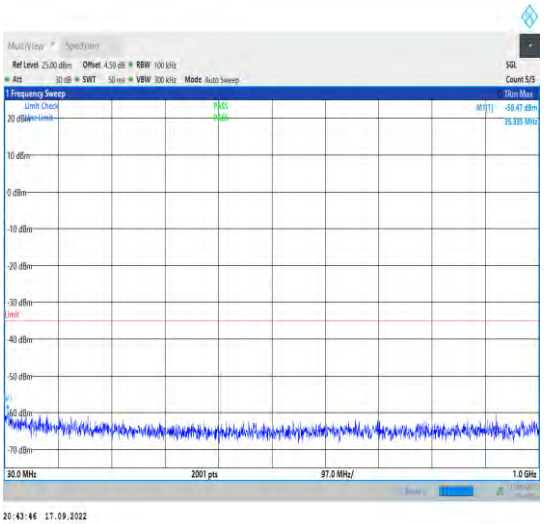

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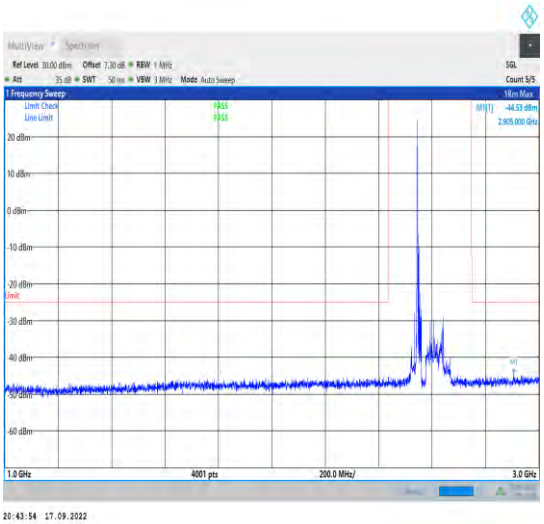

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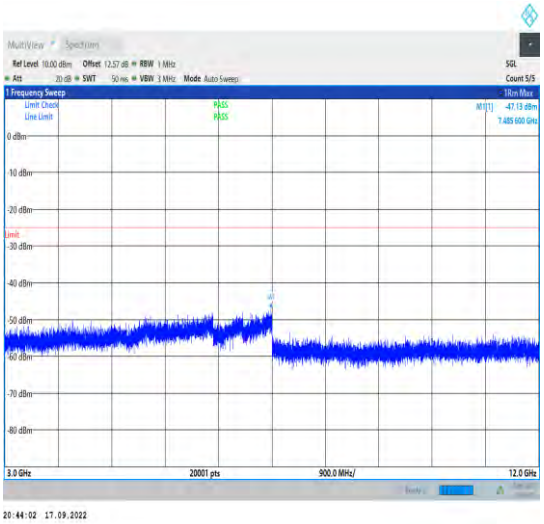

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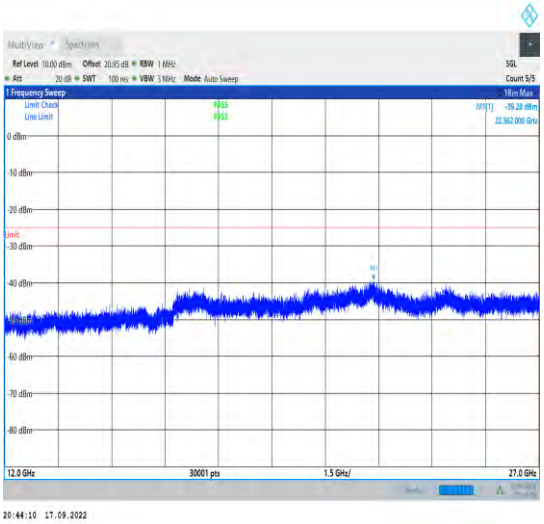

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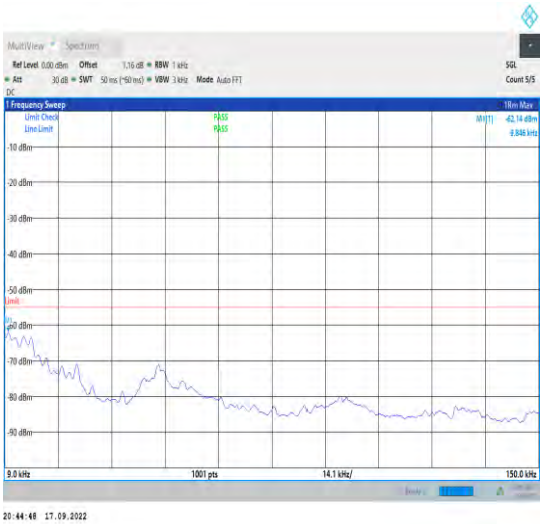

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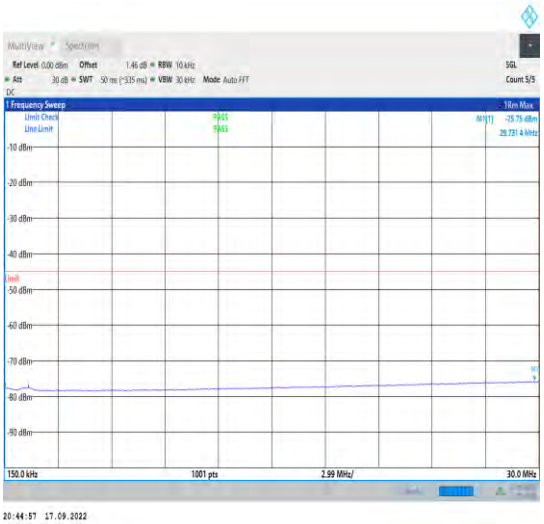

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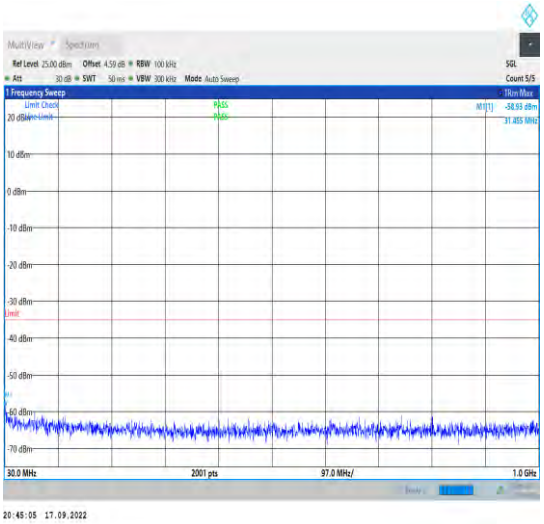

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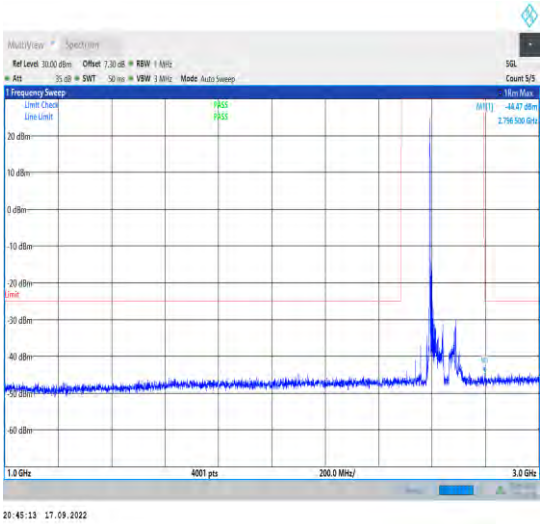

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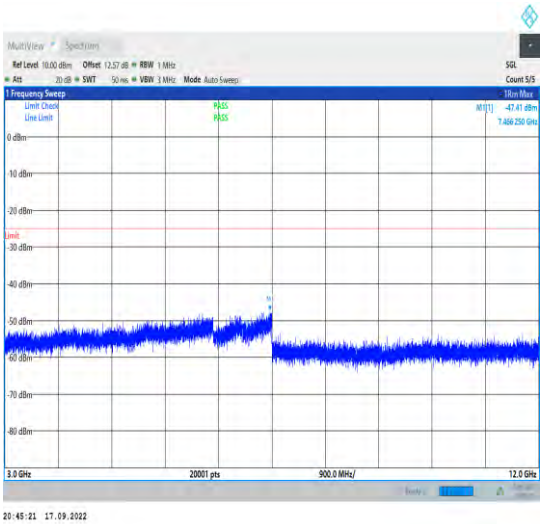	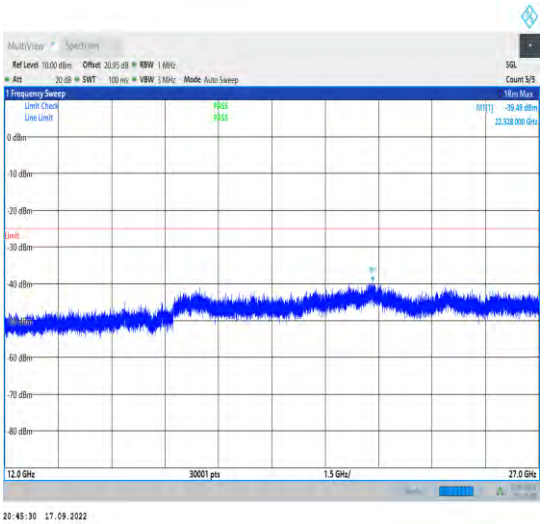
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Field Strength of Spurious Radiation

Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	47.06	-45.63	32.88	-60.95	-25.00	35.95	146	319	Horizontal
2	7503.3000	43.37	-43.13	36.44	-58.58	-25.00	33.58	215	347	Horizontal
3	10004.4000	35.18	-39.23	38.50	-60.82	-25.00	35.82	187	106	Horizontal
4	12505.5000	30.72	-36.99	39.18	-62.35	-25.00	37.35	196	44	Horizontal
5	15006.6000	28.28	-34.65	39.21	-62.42	-25.00	37.42	213	44	Horizontal
6	17507.7000	31.14	-34.95	39.22	-59.85	-25.00	34.85	225	198	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	47.37	-45.63	32.88	-60.64	-25.00	35.64	224	16	Vertical
2	7503.3000	43.58	-43.13	36.44	-58.37	-25.00	33.37	152	17	Vertical
3	10004.4000	35.74	-39.23	38.50	-60.26	-25.00	35.26	163	78	Vertical
4	12505.5000	29.74	-36.99	39.18	-63.33	-25.00	38.33	216	354	Vertical
5	15006.6000	28.10	-34.65	39.21	-62.60	-25.00	37.60	227	360	Vertical
6	17507.7000	30.73	-34.95	39.22	-60.26	-25.00	35.26	189	197	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	46.53	-45.38	32.93	-61.18	-25.00	36.18	236	214	Horizontal
2	7644.2400	43.15	-43.02	36.48	-58.65	-25.00	33.65	216	4	Horizontal
3	10192.3200	33.19	-39.47	38.80	-62.74	-25.00	37.74	158	13	Horizontal
4	12740.4000	30.83	-36.74	39.53	-61.64	-25.00	36.64	196	4	Horizontal
5	15288.4800	29.18	-34.36	38.84	-61.60	-25.00	36.60	212	165	Horizontal
6	17836.5600	32.29	-34.59	41.09	-56.47	-25.00	31.47	163	274	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	46.05	-45.38	32.93	-61.66	-25.00	36.66	197	289	Vertical
2	7644.2400	43.63	-43.02	36.48	-58.17	-25.00	33.17	186	275	Vertical
3	10192.3200	33.98	-39.47	38.80	-61.95	-25.00	36.95	229	29	Vertical
4	12740.4000	30.99	-36.74	39.53	-61.48	-25.00	36.48	163	138	Vertical
5	15288.4800	31.21	-34.36	38.84	-59.57	-25.00	34.57	175	168	Vertical
6	17836.5600	31.55	-34.59	41.09	-57.21	-25.00	32.21	184	214	Vertical

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Member of the SGS Group (SGS SA)

Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2034	39.19	-24.38	26.76	-53.69	-25.00	28.69	241	290	Horizontal
2	5190.1800	46.40	-45.29	32.98	-61.16	-25.00	36.16	251	320	Horizontal
3	7785.2700	43.38	-42.43	36.75	-57.55	-25.00	32.55	263	212	Horizontal
4	10380.3600	32.97	-39.03	38.86	-62.46	-25.00	37.46	257	275	Horizontal
5	12975.4500	31.45	-37.28	39.81	-61.28	-25.00	36.28	162	230	Horizontal
6	15570.5400	29.79	-35.08	38.48	-62.07	-25.00	37.07	189	123	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1631.3333	39.96	-24.85	25.36	-54.79	-25.00	29.79	136	0	Vertical
2	5190.1800	46.98	-45.29	32.98	-60.58	-25.00	35.58	179	305	Vertical
3	7785.2700	42.82	-42.43	36.75	-58.11	-25.00	33.11	215	354	Vertical
4	10380.3600	33.17	-39.03	38.86	-62.26	-25.00	37.26	224	76	Vertical
5	12975.4500	31.21	-37.28	39.81	-61.52	-25.00	36.52	169	183	Vertical
6	15570.5400	28.38	-35.08	38.48	-63.48	-25.00	38.48	179	30	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	48.83	-45.63	32.88	-59.18	-25.00	34.18	251	193	Horizontal
2	7503.3000	44.42	-43.13	36.44	-57.53	-25.00	32.53	143	99	Horizontal
3	10004.4000	34.71	-39.23	38.50	-61.29	-25.00	36.29	226	86	Horizontal
4	12505.5000	29.78	-36.99	39.18	-63.29	-25.00	38.29	198	24	Horizontal
5	15006.6000	28.23	-34.65	39.21	-62.47	-25.00	37.47	176	85	Horizontal
6	17507.7000	30.33	-34.95	39.22	-60.66	-25.00	35.66	146	356	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	48.21	-45.63	32.88	-59.80	-25.00	34.80	193	115	Vertical
2	7503.3000	44.49	-43.13	36.44	-57.46	-25.00	32.46	162	0	Vertical
3	10004.4000	35.66	-39.23	38.50	-60.34	-25.00	35.34	157	283	Vertical
4	12505.5000	29.84	-36.99	39.18	-63.23	-25.00	38.23	142	0	Vertical
5	15006.6000	29.17	-34.65	39.21	-61.53	-25.00	36.53	216	270	Vertical
6	17507.7000	29.63	-34.95	39.22	-61.36	-25.00	36.36	227	270	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	46.24	-45.38	32.93	-61.47	-25.00	36.47	216	72	Horizontal
2	7644.2400	43.11	-43.02	36.48	-58.69	-25.00	33.69	241	147	Horizontal
3	10192.3200	32.65	-39.47	38.80	-63.28	-25.00	38.28	225	55	Horizontal
4	12740.4000	29.54	-36.74	39.53	-62.93	-25.00	37.93	179	55	Horizontal
5	15288.4800	29.95	-34.36	38.84	-60.83	-25.00	35.83	183	0	Horizontal
6	17836.5600	32.74	-34.59	41.09	-56.02	-25.00	31.02	194	357	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	46.27	-45.38	32.93	-61.44	-25.00	36.44	116	331	Vertical
2	7644.2400	42.61	-43.02	36.48	-59.19	-25.00	34.19	147	0	Vertical
3	10192.3200	33.48	-39.47	38.80	-62.45	-25.00	37.45	215	116	Vertical
4	12740.4000	31.30	-36.74	39.53	-61.17	-25.00	36.17	223	0	Vertical
5	15288.4800	30.12	-34.36	38.84	-60.66	-25.00	35.66	241	270	Vertical
6	17836.5600	33.29	-34.59	41.09	-55.47	-25.00	30.47	256	282	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2089.3333	39.63	-24.23	26.95	-52.91	-25.00	27.91	233	355	Horizontal
2	5190.1800	47.21	-45.29	32.98	-60.35	-25.00	35.35	214	0	Horizontal
3	7785.2700	42.43	-42.43	36.75	-58.50	-25.00	33.50	163	6	Horizontal
4	10380.3600	34.98	-39.03	38.86	-60.45	-25.00	35.45	157	300	Horizontal
5	12975.4500	31.04	-37.28	39.81	-61.69	-25.00	36.69	296	193	Horizontal
6	15570.5400	29.02	-35.08	38.48	-62.84	-25.00	37.84	227	346	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2014.6667	39.32	-24.43	26.69	-53.68	-25.00	28.68	141	194	Vertical
2	5190.1800	48.33	-45.29	32.98	-59.23	-25.00	34.23	162	314	Vertical
3	7785.2700	43.18	-42.43	36.75	-57.75	-25.00	32.75	159	356	Vertical
4	10380.3600	33.44	-39.03	38.86	-61.99	-25.00	36.99	271	208	Vertical
5	12975.4500	29.99	-37.28	39.81	-62.74	-25.00	37.74	225	194	Vertical
6	15570.5400	28.44	-35.08	38.48	-63.42	-25.00	38.42	219	356	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	48.17	-45.63	32.88	-59.84	-25.00	34.84	251	1	Horizontal
2	7503.3000	44.75	-43.13	36.44	-57.20	-25.00	32.20	223	2	Horizontal
3	10004.4000	36.17	-39.23	38.50	-59.83	-25.00	34.83	163	163	Horizontal
4	12505.5000	29.35	-36.99	39.18	-63.72	-25.00	38.72	175	84	Horizontal
5	15006.6000	28.31	-34.65	39.21	-62.39	-25.00	37.39	149	5	Horizontal
6	17507.7000	29.21	-34.95	39.22	-61.78	-25.00	36.78	212	22	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	47.60	-45.63	32.88	-60.41	-25.00	35.41	196	102	Vertical
2	7503.3000	43.11	-43.13	36.44	-58.84	-25.00	33.84	159	102	Vertical
3	10004.4000	34.94	-39.23	38.50	-61.06	-25.00	36.06	214	1	Vertical
4	12505.5000	29.58	-36.99	39.18	-63.49	-25.00	38.49	278	239	Vertical
5	15006.6000	28.24	-34.65	39.21	-62.46	-25.00	37.46	154	117	Vertical
6	17507.7000	29.98	-34.95	39.22	-61.01	-25.00	36.01	169	331	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	46.38	-45.38	32.93	-61.33	-25.00	36.33	221	130	Horizontal
2	7644.2400	43.08	-43.02	36.48	-58.72	-25.00	33.72	145	26	Horizontal
3	10192.3200	34.67	-39.47	38.80	-61.26	-25.00	36.26	162	330	Horizontal
4	12740.4000	31.17	-36.74	39.53	-61.30	-25.00	36.30	189	116	Horizontal
5	15288.4800	28.99	-34.36	38.84	-61.79	-25.00	36.79	217	254	Horizontal
6	17836.5600	32.56	-34.59	41.09	-56.20	-25.00	31.20	229	0	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	46.41	-45.38	32.93	-61.30	-25.00	36.30	226	285	Vertical
2	7644.2400	42.92	-43.02	36.48	-58.88	-25.00	33.88	214	269	Vertical
3	10192.3200	33.10	-39.47	38.80	-62.83	-25.00	37.83	159	85	Vertical
4	12740.4000	32.32	-36.74	39.53	-60.15	-25.00	35.15	167	132	Vertical
5	15288.4800	29.65	-34.36	38.84	-61.13	-25.00	36.13	183	208	Vertical
6	17836.5600	32.20	-34.59	41.09	-56.56	-25.00	31.56	165	238	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1338	41.55	-24.86	25.61	-52.95	-25.00	27.95	168	81	Horizontal
2	5190.1800	47.34	-45.29	32.98	-60.22	-25.00	35.22	197	177	Horizontal
3	7785.2700	41.78	-42.43	36.75	-59.15	-25.00	34.15	216	344	Horizontal
4	10380.3600	32.20	-39.03	38.86	-63.23	-25.00	38.23	241	179	Horizontal
5	12975.4500	30.77	-37.28	39.81	-61.96	-25.00	36.96	266	6	Horizontal
6	15570.5400	30.40	-35.08	38.48	-61.46	-25.00	36.46	235	177	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1839.3333	39.82	-24.60	25.67	-54.37	-25.00	29.37	231	354	Vertical
2	5190.1800	46.90	-45.29	32.98	-60.66	-25.00	35.66	145	316	Vertical
3	7785.2700	42.46	-42.43	36.75	-58.47	-25.00	33.47	216	1	Vertical
4	10380.3600	34.61	-39.03	38.86	-60.82	-25.00	35.82	179	103	Vertical
5	12975.4500	30.03	-37.28	39.81	-62.70	-25.00	37.70	157	239	Vertical
6	15570.5400	28.64	-35.08	38.48	-63.22	-25.00	38.22	182	86	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	47.88	-45.63	32.88	-60.13	-25.00	35.13	115	29	Horizontal
2	7503.3000	44.10	-43.13	36.44	-57.85	-25.00	32.85	124	213	Horizontal
3	10004.4000	35.83	-39.23	38.50	-60.17	-25.00	35.17	138	360	Horizontal
4	12505.5000	29.17	-36.99	39.18	-63.90	-25.00	38.90	159	29	Horizontal
5	15006.6000	27.43	-34.65	39.21	-63.27	-25.00	38.27	216	360	Horizontal
6	17507.7000	29.82	-34.95	39.22	-61.17	-25.00	36.17	253	198	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Low ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	48.04	-45.63	32.88	-59.97	-25.00	34.97	137	4	Vertical
2	7503.3000	43.64	-43.13	36.44	-58.31	-25.00	33.31	182	77	Vertical
3	10004.4000	35.24	-39.23	38.50	-60.76	-25.00	35.76	169	230	Vertical
4	12505.5000	29.30	-36.99	39.18	-63.77	-25.00	38.77	214	60	Vertical
5	15006.6000	27.89	-34.65	39.21	-62.81	-25.00	37.81	256	153	Vertical
6	17507.7000	29.58	-34.95	39.22	-61.41	-25.00	36.41	271	4	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	46.56	-45.38	32.93	-61.15	-25.00	36.15	163	359	Horizontal
2	7644.2400	43.01	-43.02	36.48	-58.79	-25.00	33.79	149	360	Horizontal
3	10192.3200	32.65	-39.47	38.80	-63.28	-25.00	38.28	214	31	Horizontal
4	12740.4000	30.82	-36.74	39.53	-61.65	-25.00	36.65	225	91	Horizontal
5	15288.4800	29.02	-34.36	38.84	-61.76	-25.00	36.76	263	91	Horizontal
6	17836.5600	30.94	-34.59	41.09	-57.82	-25.00	32.82	217	74	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = Mid ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	45.57	-45.38	32.93	-62.14	-25.00	37.14	261	257	Vertical
2	7644.2400	43.15	-43.02	36.48	-58.65	-25.00	33.65	259	4	Vertical
3	10192.3200	32.75	-39.47	38.80	-63.18	-25.00	38.18	117	123	Vertical
4	12740.4000	30.99	-36.74	39.53	-61.48	-25.00	36.48	158	359	Vertical
5	15288.4800	29.31	-34.36	38.84	-61.47	-25.00	36.47	243	169	Vertical
6	17836.5600	32.72	-34.59	41.09	-56.04	-25.00	31.04	221	214	Vertical

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Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1994.6667	39.48	-24.47	26.61	-53.65	-25.00	28.65	241	44	Horizontal
2	5190.1800	46.83	-45.29	32.98	-60.73	-25.00	35.73	223	169	Horizontal
3	7785.2700	42.40	-42.43	36.75	-58.53	-25.00	33.53	163	123	Horizontal
4	10380.3600	33.59	-39.03	38.86	-61.84	-25.00	36.84	179	360	Horizontal
5	12975.4500	29.64	-37.28	39.81	-63.09	-25.00	38.09	157	246	Horizontal
6	15570.5400	29.01	-35.08	38.48	-62.85	-25.00	37.85	167	293	Horizontal

Test Band = 5G NR SA Band41_ TM1
Test Channel = High ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2244	39.48	-23.87	27.36	-52.28	-25.00	27.28	241	239	Vertical
2	5190.1800	46.50	-45.29	32.98	-61.06	-25.00	36.06	276	46	Vertical
3	7785.2700	41.45	-42.43	36.75	-59.48	-25.00	34.48	225	360	Vertical
4	10380.3600	32.47	-39.03	38.86	-62.96	-25.00	37.96	281	360	Vertical
5	12975.4500	29.53	-37.28	39.81	-63.20	-25.00	38.20	159	16	Vertical
6	15570.5400	29.43	-35.08	38.48	-62.43	-25.00	37.43	162	274	Vertical

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Test Band = 5G NR NSA 66A-N41A_ TM1
Test Channel = Low ANT2 WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	48.18	-45.63	32.88	-59.83	-25.00	34.83	122	212	Horizontal
2	7503.3000	46.61	-43.13	36.44	-55.34	-25.00	30.34	156	151	Horizontal
3	10004.4000	38.21	-39.23	38.50	-57.79	-25.00	32.79	148	226	Horizontal
4	12505.5000	33.23	-36.99	39.18	-59.84	-25.00	34.84	195	288	Horizontal
5	15006.6000	30.10	-34.65	39.21	-60.60	-25.00	35.60	175	335	Horizontal
6	17507.7000	32.51	-34.95	39.22	-58.48	-25.00	33.48	142	359	Horizontal

Test Band = 5G NR NSA 66A-N41A_ TM1
Test Channel = Low ANT2 WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	49.02	-45.63	32.88	-58.99	-25.00	33.99	203	4	Vertical
2	7503.3000	44.73	-43.13	36.44	-57.22	-25.00	32.22	124	105	Vertical
3	10004.4000	38.80	-39.23	38.50	-57.20	-25.00	32.20	186	136	Vertical
4	12505.5000	31.86	-36.99	39.18	-61.21	-25.00	36.21	195	269	Vertical
5	15006.6000	29.87	-34.65	39.21	-60.83	-25.00	35.83	143	4	Vertical
6	17507.7000	32.08	-34.95	39.22	-58.91	-25.00	33.91	211	359	Vertical

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Test Band = 5G NR NSA 66A-N41A_ TM1
Test Channel = Mid ANT2 WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	49.04	-45.38	32.93	-58.67	-25.00	33.67	226	60	Horizontal
2	7644.2400	45.24	-43.02	36.48	-56.56	-25.00	31.56	258	317	Horizontal
3	10192.3200	37.40	-39.47	38.80	-58.53	-25.00	33.53	149	352	Horizontal
4	12740.4000	33.75	-36.74	39.53	-58.72	-25.00	33.72	175	46	Horizontal
5	15288.4800	31.26	-34.36	38.84	-59.52	-25.00	34.52	132	4	Horizontal
6	17836.5600	36.03	-34.59	41.09	-52.73	-25.00	27.73	126	120	Horizontal

Test Band = 5G NR NSA 66A-N41A_ TM1
Test Channel = Mid ANT2 WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	47.05	-45.38	32.93	-60.66	-25.00	35.66	153	304	Vertical
2	7644.2400	45.78	-43.02	36.48	-56.02	-25.00	31.02	148	92	Vertical
3	10192.3200	36.35	-39.47	38.80	-59.58	-25.00	34.58	198	273	Vertical
4	12740.4000	33.18	-36.74	39.53	-59.29	-25.00	34.29	175	29	Vertical
5	15288.4800	31.43	-34.36	38.84	-59.35	-25.00	34.35	143	287	Vertical
6	17836.5600	34.38	-34.59	41.09	-54.38	-25.00	29.38	213	346	Vertical

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Test Band = 5G NR NSA 66A-N41A_ TM1
Test Channel = High ANT2 WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3774.75	50.43	-45.81	30.24	-60.40	-25.00	35.40	256	91	Horizontal
2	5190.1800	47.54	-45.29	32.98	-60.02	-25.00	35.02	215	136	Horizontal
3	7785.2700	45.29	-42.43	36.75	-55.64	-25.00	30.64	148	60	Horizontal
4	10380.3600	36.64	-39.03	38.86	-58.79	-25.00	33.79	198	16	Horizontal
5	12975.4500	33.56	-37.28	39.81	-59.17	-25.00	34.17	175	31	Horizontal
6	15570.5400	30.95	-35.08	38.48	-60.91	-25.00	35.91	132	122	Horizontal

Test Band = 5G NR NSA 66A-N41A_ TM1
Test Channel = High ANT2 WORSE

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3772.5	50.54	-45.80	30.23	-60.29	-25.00	35.29	255	16	Vertical
2	5190.1800	47.16	-45.29	32.98	-60.40	-25.00	35.40	140	334	Vertical
3	7785.2700	43.93	-42.43	36.75	-57.00	-25.00	32.00	178	213	Vertical
4	10380.3600	37.11	-39.03	38.86	-58.32	-25.00	33.32	195	46	Vertical
5	12975.4500	33.08	-37.28	39.81	-59.65	-25.00	34.65	142	105	Vertical
6	15570.5400	29.60	-35.08	38.48	-62.26	-25.00	37.26	122	243	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

2) all the ENDC were tested, but only showed the worst case in this report.

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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
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	0.200000	0.000077	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.400000	-0.001697	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.800000	-0.000309	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	0.200000	0.000077	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	4.400000	0.001697	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-4.600000	-0.001774	PASS

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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.200000	-0.001234	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-1.000000	-0.000386	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.900000	-0.001504	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.700000	-0.001041	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.000000	-0.001157	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.100000	-0.000810	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.500000	-0.000964	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.600000	-0.000617	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-1.800000	-0.000694	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	2.400000	0.000926	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-5.400000	-0.002083	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-1.300000	-0.000501	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.600000	-0.000617	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-2.400000	-0.000926	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-2.100000	-0.000810	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	1.600000	0.000617	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	0.300000	0.000116	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-1.800000	-0.000694	PASS

---End of Attachment---

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