

Report No.: SEWM2309000395RG02

Rev.: 01

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# Appendix B.20

## NR Band n41



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## Effective (Isotropic) Radiated Power Output Data for

### SEWM2307000261RG02

#### Test Result

#### Ant4:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N41	30	100	DFT-PI2BPSK	L	1RB1	24.57	22.97	33	PASS
N41	30	100	DFT-PI2BPSK	L	1RB271	24.76	23.16	33	PASS
N41	30	100	DFT-PI2BPSK	L	272RB0	23.70	22.10	33	PASS
N41	30	100	DFT-QPSK	L	1RB1	24.65	23.05	33	PASS
N41	30	100	DFT-QPSK	L	1RB271	24.40	22.80	33	PASS
N41	30	100	DFT-QPSK	L	272RB0	23.62	22.02	33	PASS
N41	30	100	DFT-16QAM	L	1RB1	23.69	22.09	33	PASS
N41	30	100	DFT-64QAM	L	1RB1	22.16	20.56	33	PASS
N41	30	100	DFT-256QAM	L	1RB1	20.90	19.30	33	PASS
N41	30	100	DFT-PI2BPSK	M	1RB1	24.68	23.08	33	PASS
N41	30	100	DFT-PI2BPSK	M	1RB271	24.42	22.82	33	PASS
N41	30	100	DFT-PI2BPSK	M	272RB0	23.72	22.12	33	PASS
N41	30	100	DFT-QPSK	M	1RB1	24.82	23.22	33	PASS
N41	30	100	DFT-QPSK	M	1RB271	24.61	23.01	33	PASS
N41	30	100	DFT-QPSK	M	272RB0	23.73	22.13	33	PASS
N41	30	100	DFT-16QAM	M	1RB1	23.63	22.03	33	PASS
N41	30	100	DFT-64QAM	M	1RB1	22.08	20.48	33	PASS
N41	30	100	DFT-256QAM	M	1RB1	20.96	19.36	33	PASS
N41	30	100	DFT-PI2BPSK	H	1RB1	24.57	22.97	33	PASS
N41	30	100	DFT-PI2BPSK	H	1RB271	24.71	23.11	33	PASS
N41	30	100	DFT-PI2BPSK	H	272RB0	23.58	21.98	33	PASS
N41	30	100	DFT-QPSK	H	1RB1	24.43	22.83	33	PASS
N41	30	100	DFT-QPSK	H	1RB271	24.46	22.86	33	PASS
N41	30	100	DFT-QPSK	H	272RB0	23.74	22.14	33	PASS
N41	30	100	DFT-16QAM	H	1RB1	23.54	21.94	33	PASS
N41	30	100	DFT-64QAM	H	1RB1	22.16	20.56	33	PASS
N41	30	100	DFT-256QAM	H	1RB1	20.72	19.12	33	PASS
N41	30	100	CP-QPSK	L	1RB1	22.22	20.62	33	PASS
N41	30	100	CP-QPSK	M	1RB1	22.22	20.62	33	PASS



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N41	30	100	CP-QPSK	H	1RB1	22.17	20.57	33	PASS
N41	30	90	DFT-QPSK	L	1RB1	24.36	22.76	33	PASS
N41	30	90	DFT-16QAM	L	1RB1	23.25	21.65	33	PASS
N41	30	90	DFT-QPSK	M	1RB1	24.41	22.81	33	PASS
N41	30	90	DFT-16QAM	M	1RB1	23.17	21.57	33	PASS
N41	30	90	DFT-QPSK	H	1RB1	24.31	22.71	33	PASS
N41	30	90	DFT-16QAM	H	1RB1	23.07	21.47	33	PASS
N41	30	80	DFT-QPSK	L	1RB1	24.26	22.66	33	PASS
N41	30	80	DFT-16QAM	L	1RB1	23.28	21.68	33	PASS
N41	30	80	DFT-QPSK	M	1RB1	24.27	22.67	33	PASS
N41	30	80	DFT-16QAM	M	1RB1	23.19	21.59	33	PASS
N41	30	80	DFT-QPSK	H	1RB1	24.40	22.80	33	PASS
N41	30	80	DFT-16QAM	H	1RB1	23.03	21.43	33	PASS
N41	30	70	DFT-QPSK	L	1RB1	24.18	22.58	33	PASS
N41	30	70	DFT-16QAM	L	1RB1	23.00	21.40	33	PASS
N41	30	70	DFT-QPSK	M	1RB1	24.51	22.91	33	PASS
N41	30	70	DFT-16QAM	M	1RB1	23.03	21.43	33	PASS
N41	30	70	DFT-QPSK	H	1RB1	24.40	22.80	33	PASS
N41	30	70	DFT-16QAM	H	1RB1	23.06	21.46	33	PASS
N41	30	60	DFT-QPSK	L	1RB1	24.28	22.68	33	PASS
N41	30	60	DFT-16QAM	L	1RB1	23.13	21.53	33	PASS
N41	30	60	DFT-QPSK	M	1RB1	24.25	22.65	33	PASS
N41	30	60	DFT-16QAM	M	1RB1	23.28	21.68	33	PASS
N41	30	60	DFT-QPSK	H	1RB1	24.39	22.79	33	PASS
N41	30	60	DFT-16QAM	H	1RB1	23.29	21.69	33	PASS
N41	30	50	DFT-QPSK	L	1RB1	24.27	22.67	33	PASS
N41	30	50	DFT-16QAM	L	1RB1	23.17	21.57	33	PASS
N41	30	50	DFT-QPSK	M	1RB1	24.39	22.79	33	PASS
N41	30	50	DFT-16QAM	M	1RB1	23.13	21.53	33	PASS
N41	30	50	DFT-QPSK	H	1RB1	24.33	22.73	33	PASS
N41	30	50	DFT-16QAM	H	1RB1	23.22	21.62	33	PASS
N41	30	40	DFT-QPSK	L	1RB1	24.23	22.63	33	PASS
N41	30	40	DFT-16QAM	L	1RB1	23.21	21.61	33	PASS
N41	30	40	DFT-QPSK	M	1RB1	24.41	22.81	33	PASS
N41	30	40	DFT-16QAM	M	1RB1	23.12	21.52	33	PASS
N41	30	40	DFT-QPSK	H	1RB1	24.24	22.64	33	PASS
N41	30	40	DFT-16QAM	H	1RB1	23.01	21.41	33	PASS



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N41	30	30	DFT-QPSK	L	1RB1	24.18	22.58	33	PASS
N41	30	30	DFT-16QAM	L	1RB1	23.12	21.52	33	PASS
N41	30	30	DFT-QPSK	M	1RB1	24.33	22.73	33	PASS
N41	30	30	DFT-16QAM	M	1RB1	23.27	21.67	33	PASS
N41	30	30	DFT-QPSK	H	1RB1	24.23	22.63	33	PASS
N41	30	30	DFT-16QAM	H	1RB1	23.19	21.59	33	PASS
N41	30	20	DFT-QPSK	L	1RB1	24.32	22.72	33	PASS
N41	30	20	DFT-16QAM	L	1RB1	23.04	21.44	33	PASS
N41	30	20	DFT-QPSK	M	1RB1	24.42	22.82	33	PASS
N41	30	20	DFT-16QAM	M	1RB1	23.01	21.41	33	PASS
N41	30	20	DFT-QPSK	H	1RB1	24.33	22.73	33	PASS
N41	30	20	DFT-16QAM	H	1RB1	23.17	21.57	33	PASS



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## Effective (Isotropic) Radiated Power Output Data for

### SEWM2309000395RG02

#### Test Result

#### Ant4:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N41	30	100	DFT-PI2BPSK	L	1RB1	24.71	23.11	33	PASS
N41	30	100	DFT-PI2BPSK	L	1RB271	24.65	23.05	33	PASS
N41	30	100	DFT-PI2BPSK	L	272RB0	23.68	22.08	33	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	9.85	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	9.72	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	9.65	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	9.98	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	10.21	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	9.57	≤13	PASS



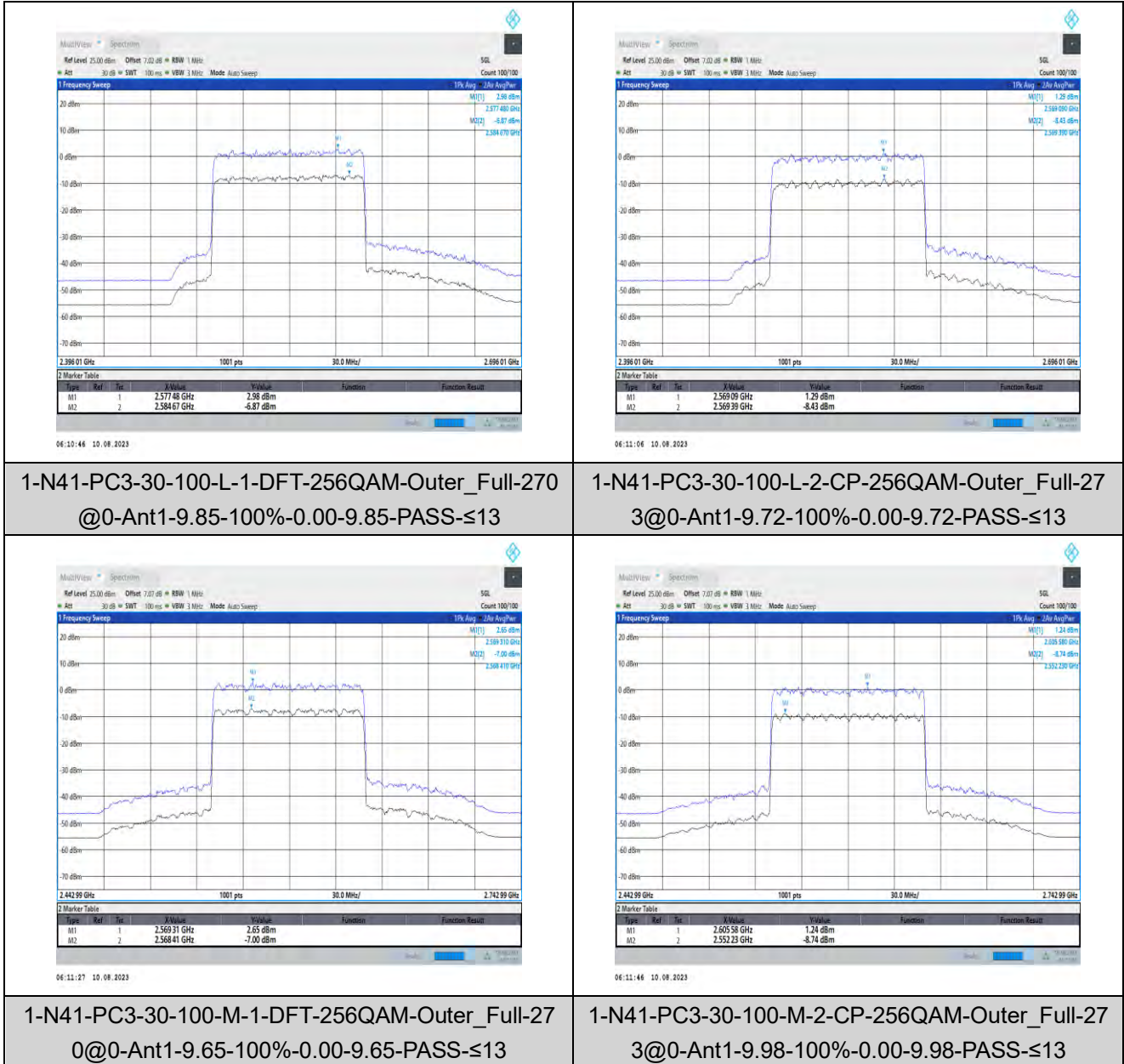
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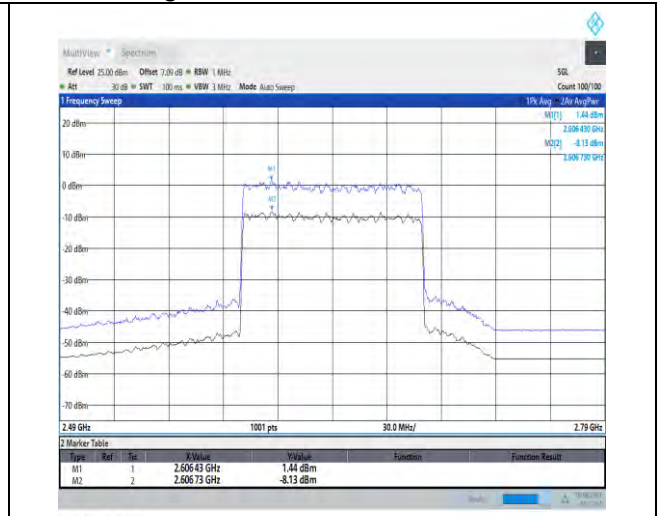
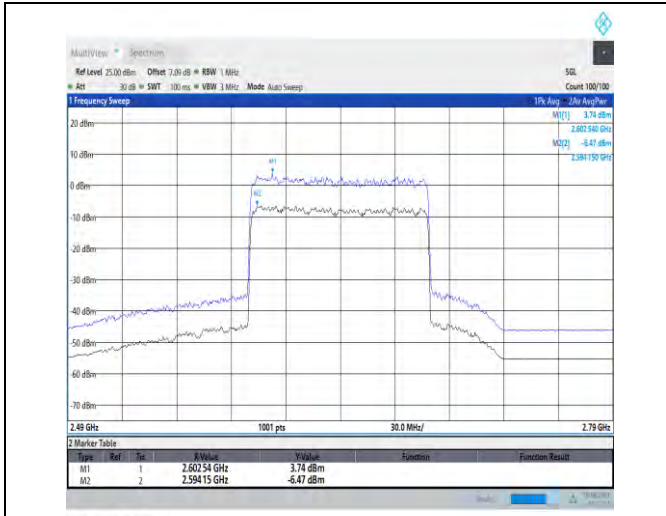
Test Graphs



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1-N41-PC3-30-100-H-1-DFT-256QAM-Outer\_Full-270  
@0-Ant1-10.21-100%-0.00-10.21-PASS-≤13

1-N41-PC3-30-100-H-2-CP-256QAM-Outer\_Full-27  
3@0-Ant1-9.57-100%-0.00-9.57-PASS-≤13



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	M	Outer_Full	17.855	19.440	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.827	19.000	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.776	19.360	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.853	19.480	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.86	19.240	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.244	19.400	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.257	19.240	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.243	19.480	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.237	19.560	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.853	28.260	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.765	28.560	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.713	28.560	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.776	28.200	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.809	28.500	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.803	29.280	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.918	29.160	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.855	29.520	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.891	29.040	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.652	37.760	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.649	37.680	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.792	37.520	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.744	37.680	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.681	37.360	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.763	40.160	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.792	39.440	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.787	39.760	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.852	39.360	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.817	47.900	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.815	47.900	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.633	47.900	PASS



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N41	30	50	DFT-64QAM	M	Outer_Full	45.788	47.500	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.837	47.500	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.38	49.400	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.554	49.400	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.561	49.100	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.413	49.200	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.815	60.000	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.745	59.760	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.878	60.240	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.783	60.000	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.981	60.000	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.635	60.000	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.83	59.640	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.808	60.360	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.747	60.000	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.103	66.220	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.259	66.920	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.252	66.640	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.248	66.220	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.294	66.500	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.47	69.440	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.254	69.860	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.51	69.720	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.341	69.440	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.052	80.480	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.003	80.480	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.95	80.320	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.063	80.320	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.09	80.160	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.157	80.800	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.613	80.640	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.276	80.640	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.249	80.640	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.646	89.460	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.416	89.100	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.453	88.920	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.564	88.920	PASS



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N41	30	90	DFT-256QAM	M	Outer_Full	85.551	89.280	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.536	90.720	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.347	90.720	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.45	90.900	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.252	90.900	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.287	100.200	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.167	100.000	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.302	99.800	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.331	99.800	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.208	99.800	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.433	100.800	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.508	101.000	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.215	101.000	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.298	100.800	PASS



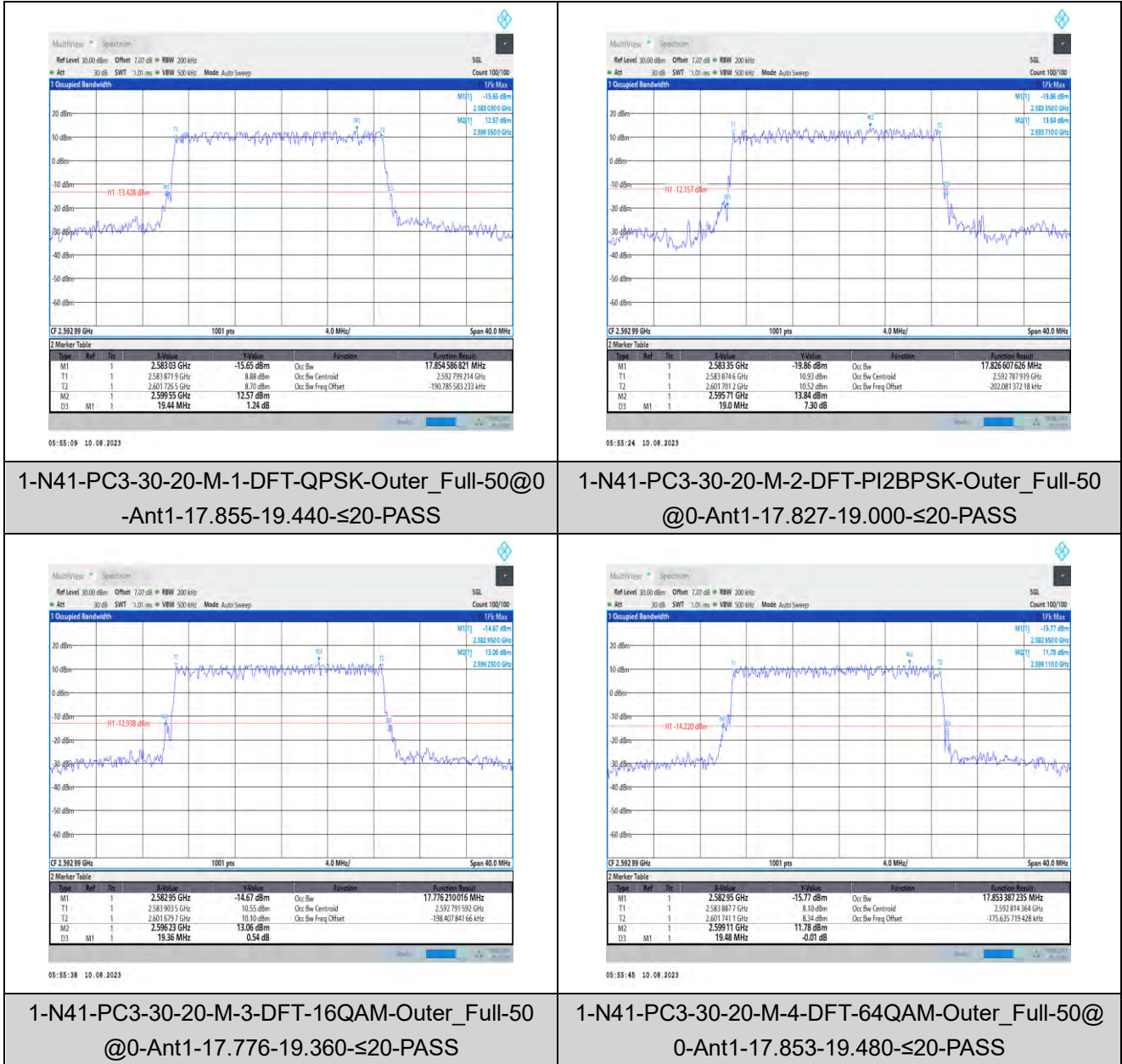
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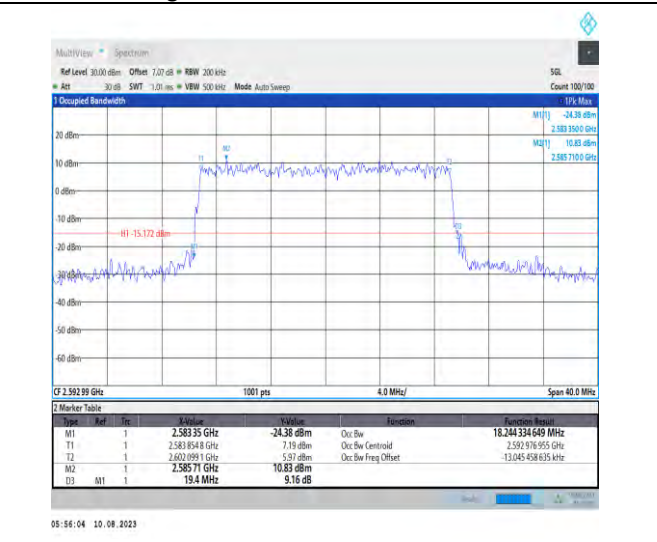
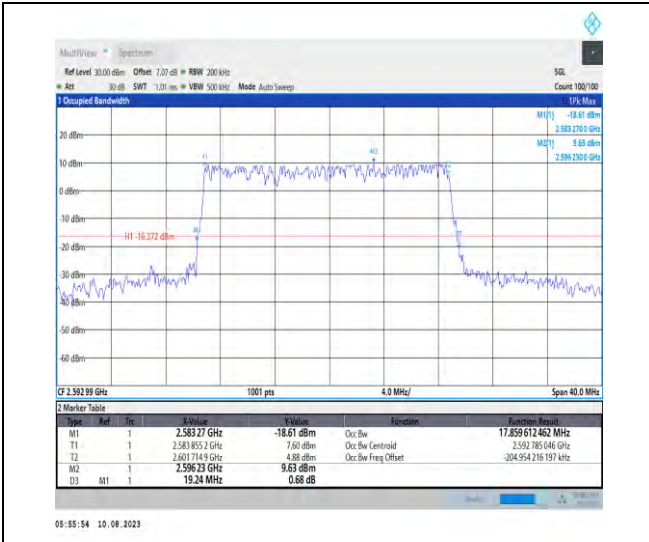
Test Graphs



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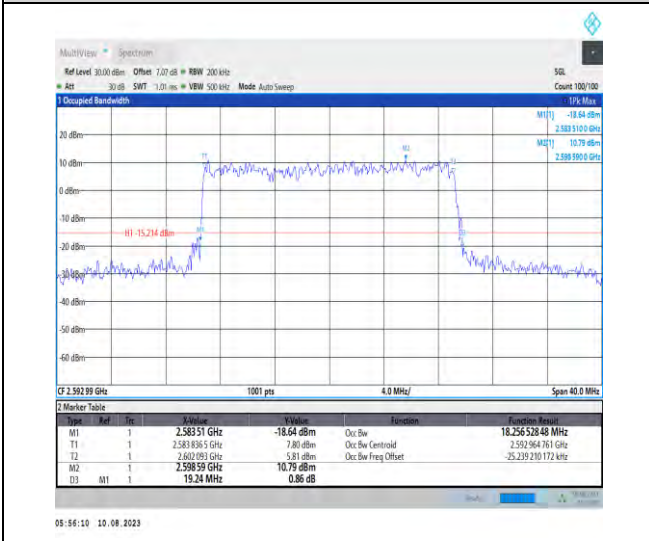
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1-N41-PC3-30-20-M-5-DFT-256QAM-Outer\_Full-50 @0-Ant1-17.86-19.240-<math>\leq 20</math>-PASS

1-N41-PC3-30-20-M-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.244-19.400-<math>\leq 20</math>-PASS



1-N41-PC3-30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.257-19.240-<math>\leq 20</math>-PASS

1-N41-PC3-30-20-M-8-CP-64QAM-Outer\_Full-51@0-Ant1-18.243-19.480-<math>\leq 20</math>-PASS



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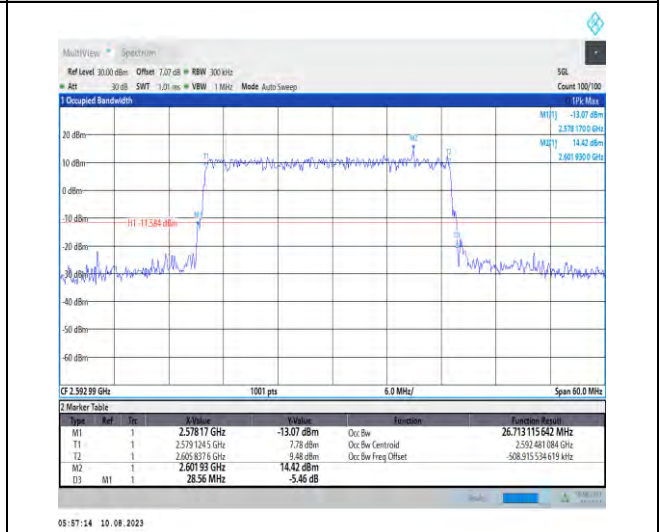
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-Ant1-26.853-28.260-<30-PASS



1-N41-PC3-30-30-M-2-DFT-PI2BPSK-Outer\_Full-75  
@0-Ant1-26.765-28.560-<30-PASS



1-N41-PC3-30-30-M-3-DFT-16QAM-Outer\_Full-75  
@0-Ant1-26.713-28.560-<30-PASS



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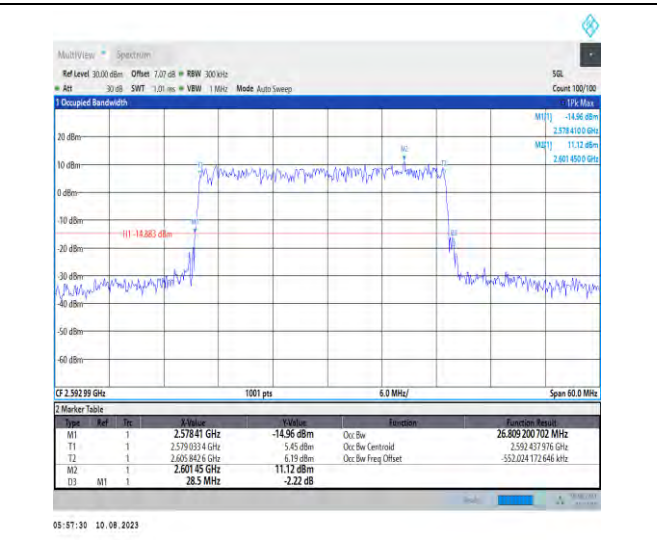
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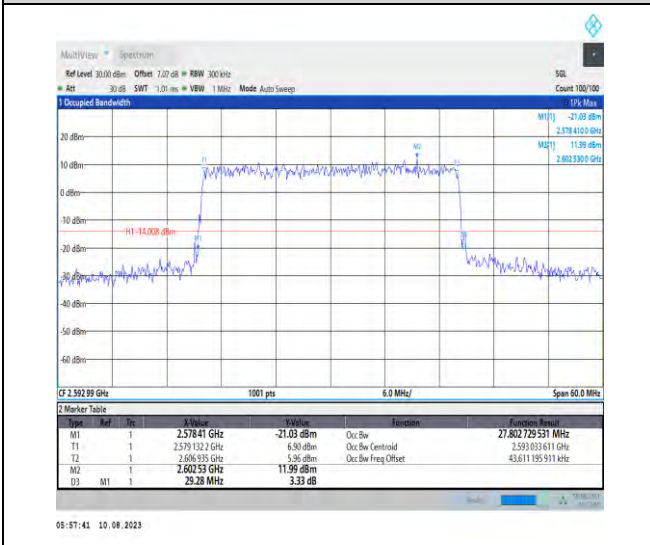
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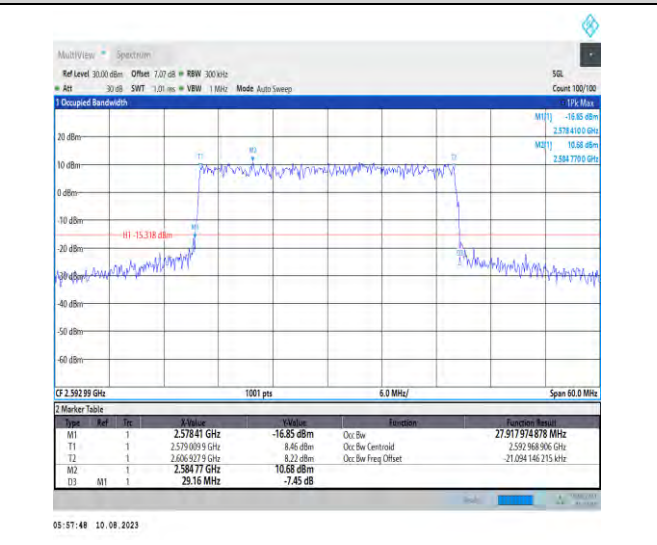
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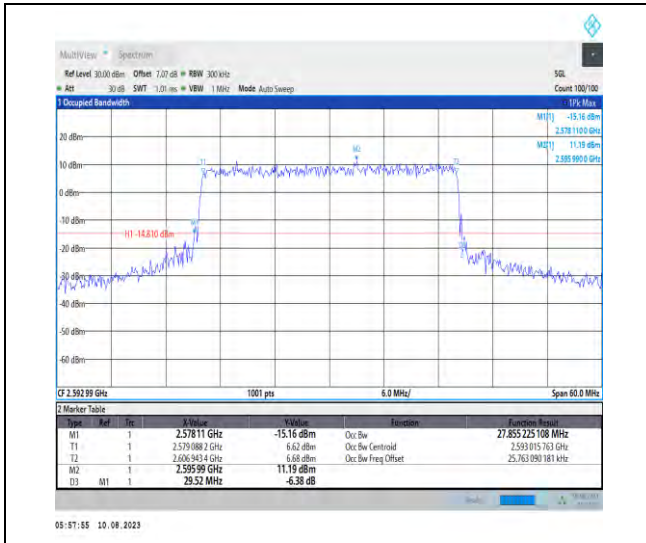
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1-N41-PC3-30-30-M-7-CP-16QAM-Outer\_Full-78@0  
 -Ant1-27.918-29.160-≤30-PASS



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1-N41-PC3-30-30-M-8-CP-64QAM-Outer\_Full-78@  
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1-N41-PC3-30-30-M-9-CP-256QAM-Outer\_Full-78@  
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1-N41-PC3-30-40-M-1-DFT-QPSK-Outer\_Full-100  
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1-N41-PC3-30-40-M-2-DFT-PI2BPSK-Outer\_Full-100  
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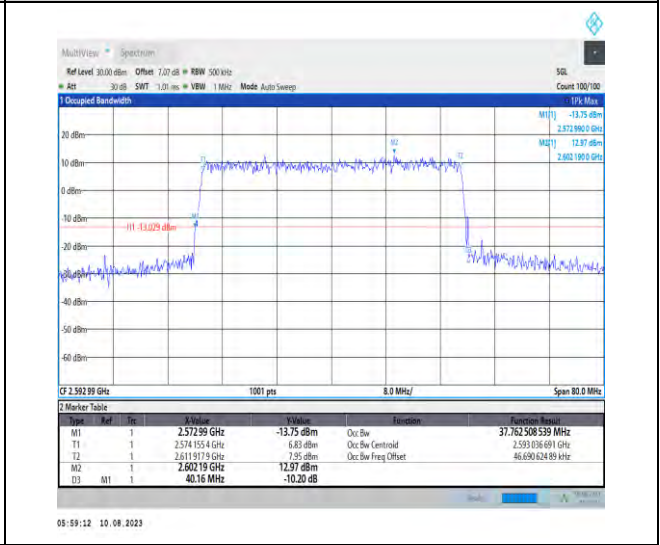
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1-N41-PC3-30-40-M-5-DFT-256QAM-Outer\_Full-100  
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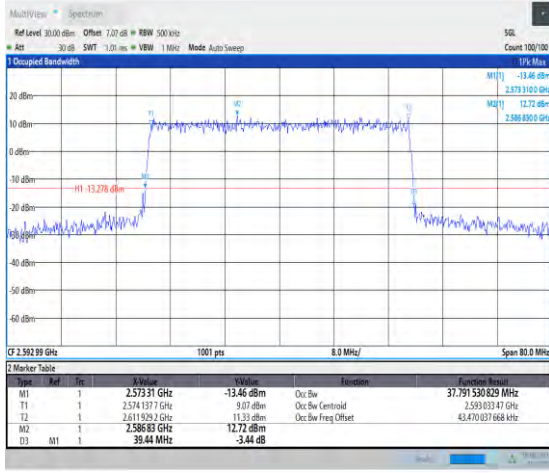


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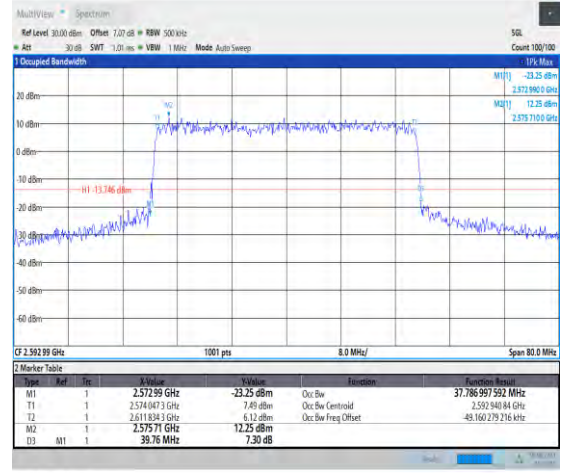
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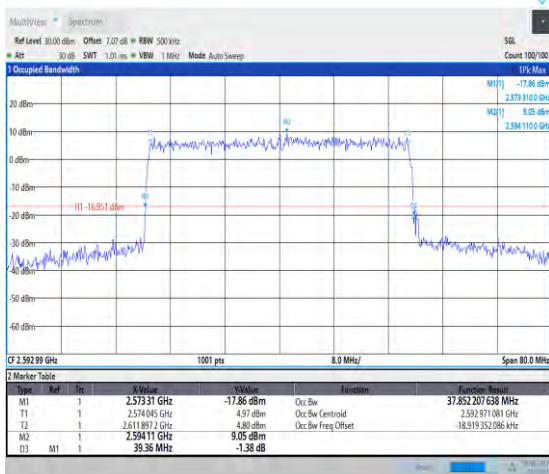
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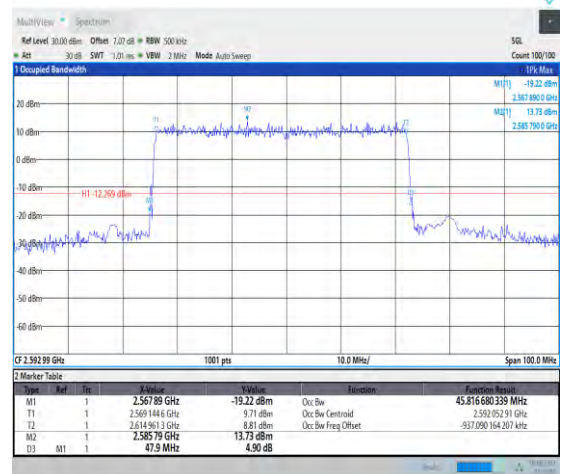
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1-N41-PC3-30-40-M-9-CP-256QAM-Outer\_Full-106@  
@0-Ant1-37.852-39.360-<40-PASS



1-N41-PC3-30-50-M-1-DFT-QPSK-Outer\_Full-128@  
@0-Ant1-45.817-47.900-<50-PASS



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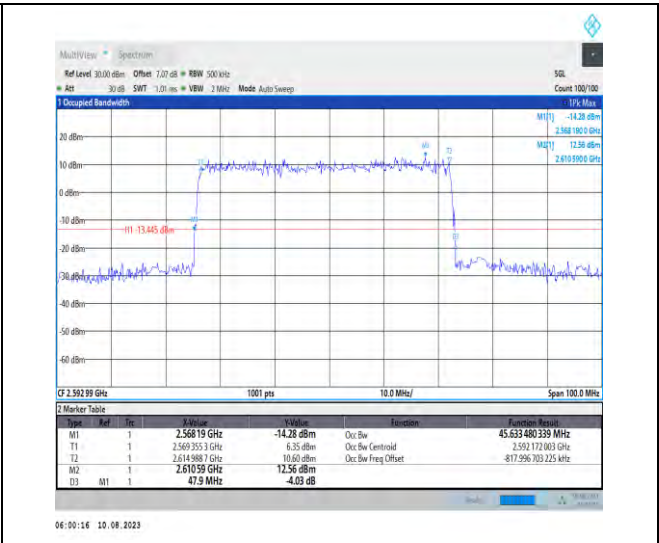
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t (86-512) 62992980 sgs.china@sgs.com



1-N41-PC3-30-50-M-2-DFT-PI2BPSK-Outer\_Full-12  
@0-Ant1-45.815-47.900-≤50-PASS



1-N41-PC3-30-50-M-3-DFT-16QAM-Outer\_Full-128  
@0-Ant1-45.633-47.900-≤50-PASS



1-N41-PC3-30-50-M-4-DFT-64QAM-Outer\_Full-128  
@0-Ant1-45.788-47.500-≤50-PASS



1-N41-PC3-30-50-M-5-DFT-256QAM-Outer\_Full-128  
@0-Ant1-45.837-47.500-≤50-PASS



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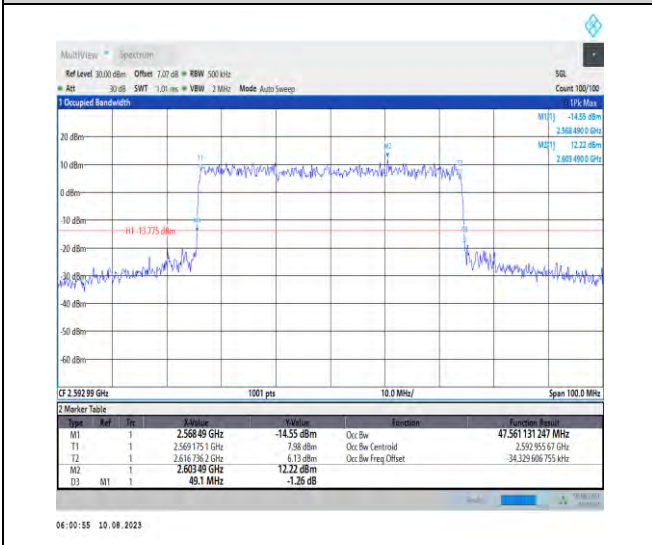
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t (86-512) 62992980 sgs.china@sgs.com



1-N41-PC3-30-50-M-6-CP-QPSK-Outer\_Full-133@0  
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1-N41-PC3-30-50-M-7-CP-16QAM-Outer\_Full-133@0-Ant1-47.554-49.400-<=50-PASS



1-N41-PC3-30-50-M-8-CP-64QAM-Outer\_Full-133  
 @0-Ant1-47.561-49.100-<=50-PASS



1-N41-PC3-30-50-M-9-CP-256QAM-Outer\_Full-133  
 @0-Ant1-47.413-49.200-<=50-PASS



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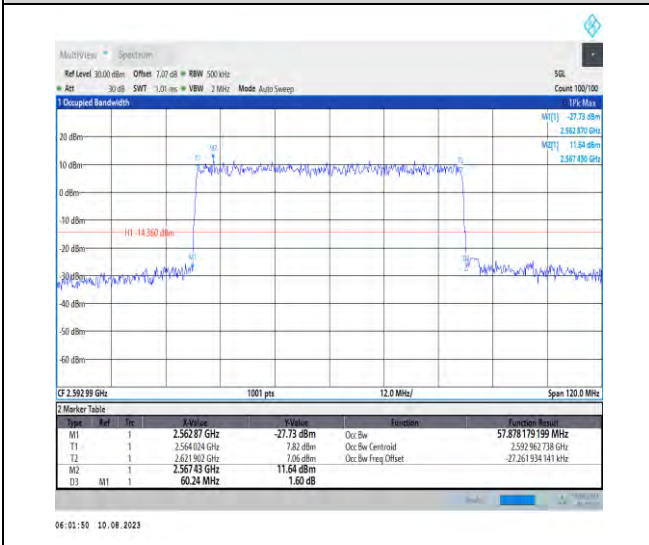
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1-N41-PC3-30-60-M-1-DFT-QPSK-Outer\_Full-162@  
0-Ant1-57.815-60.000-≤60-PASS



1-N41-PC3-30-60-M-2-DFT-PI2BPSK-Outer\_Full-162  
@0-Ant1-57.745-59.760-≤60-PASS



1-N41-PC3-30-60-M-3-DFT-16QAM-Outer\_Full-162  
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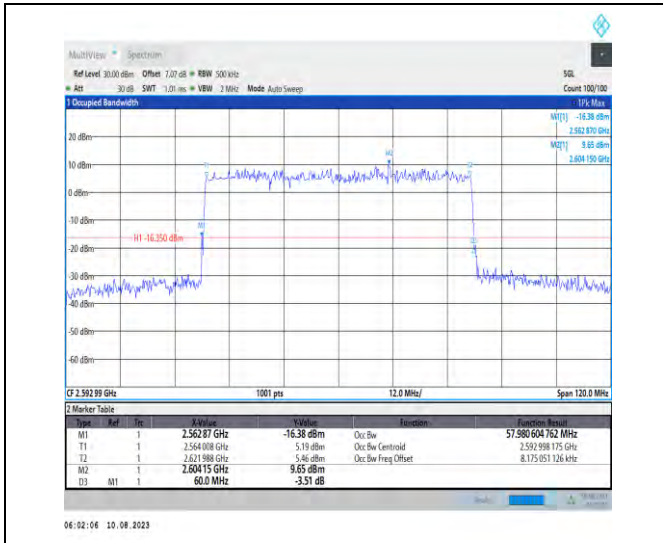


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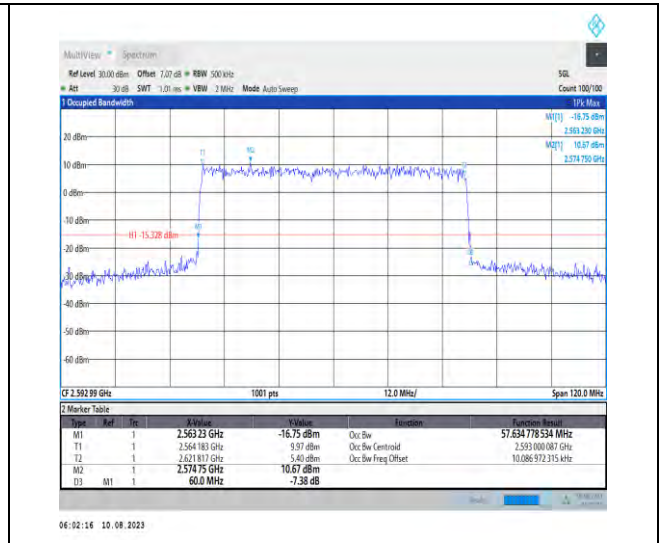
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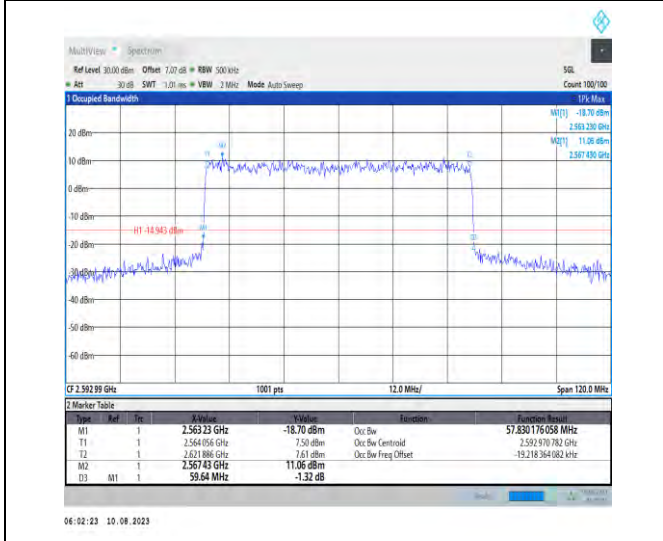
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1-N41-PC3-30-60-M-6-CP-QPSK-Outer\_Full-162@0-Ant1-57.635-60.000-≤60-PASS



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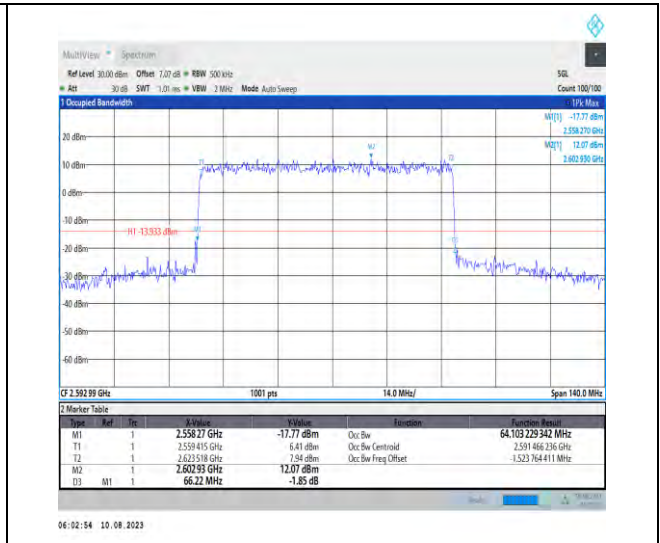
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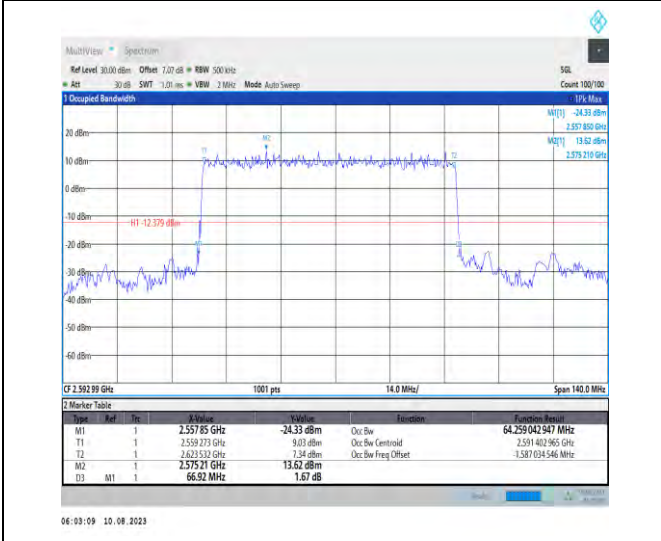
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1-N41-PC3-30-60-M-9-CP-256QAM-Outer\_Full-162 @0-Ant1-57.747-60.000-≤60-PASS



1-N41-PC3-30-70-M-1-DFT-QPSK-Outer\_Full-180@ 0-Ant1-64.103-66.220-≤70-PASS



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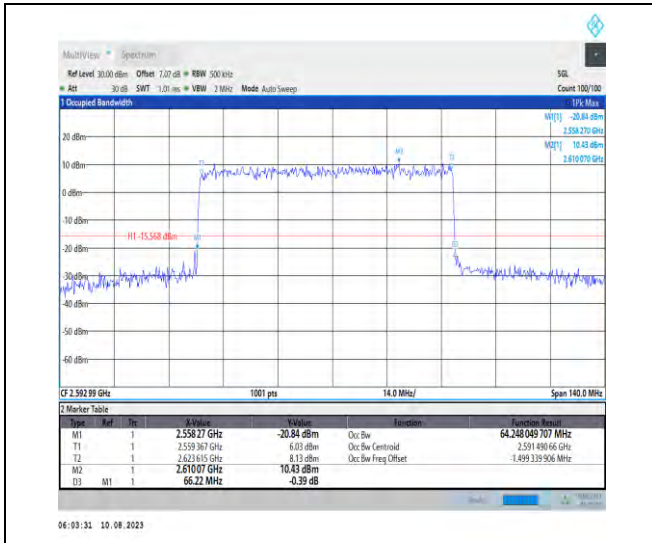
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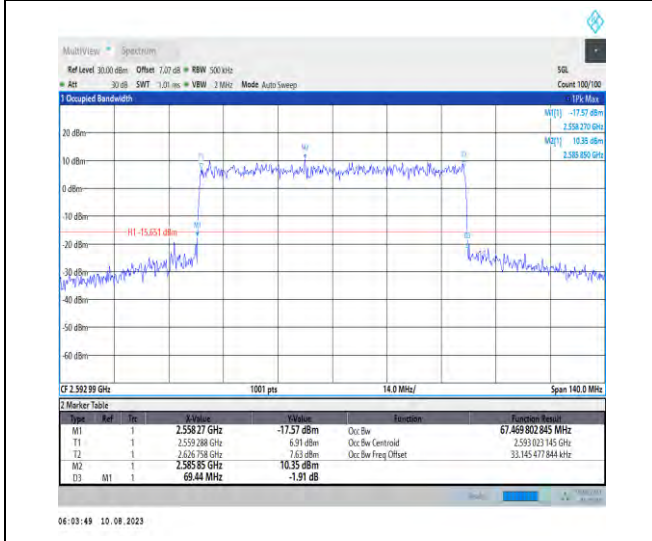
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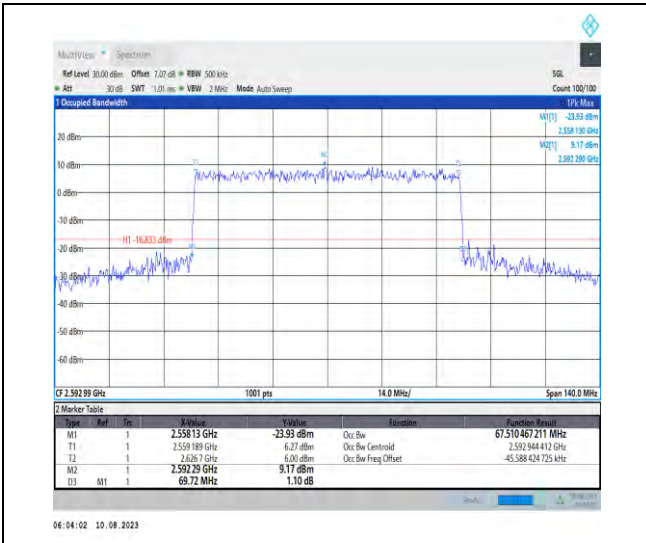
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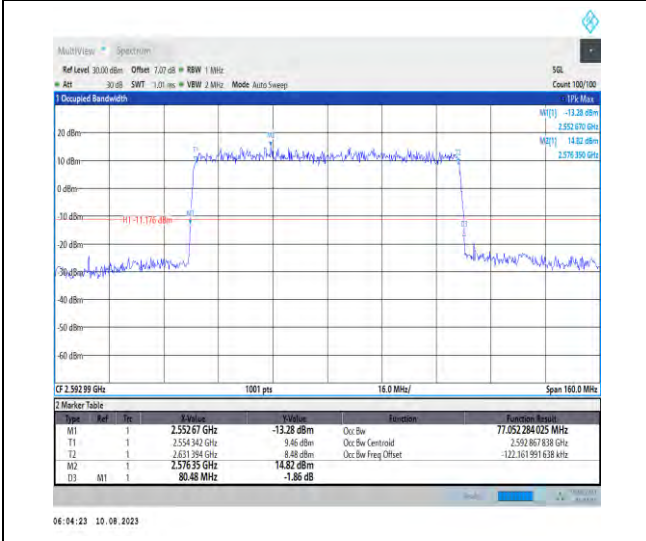




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1-N41-PC3-30-70-M-9-CP-256QAM-Outer\_Full-189@0-Ant1-67.341-69.440-<=70-PASS



1-N41-PC3-30-80-M-1-DFT-QPSK-Outer\_Full-216 @0-Ant1-77.052-80.480-<=80-PASS



1-N41-PC3-30-80-M-2-DFT-PI2BPSK-Outer\_Full-216 @0-Ant1-77.003-80.480-<=80-PASS



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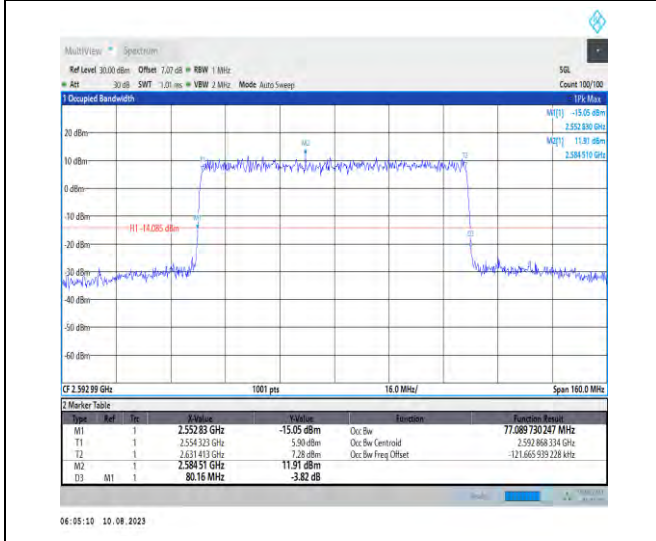
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1-N41-PC3-30-80-M-7-CP-16QAM-Outer\_Full-217@  
 0-Ant1-77.613-80.640-<80-PASS



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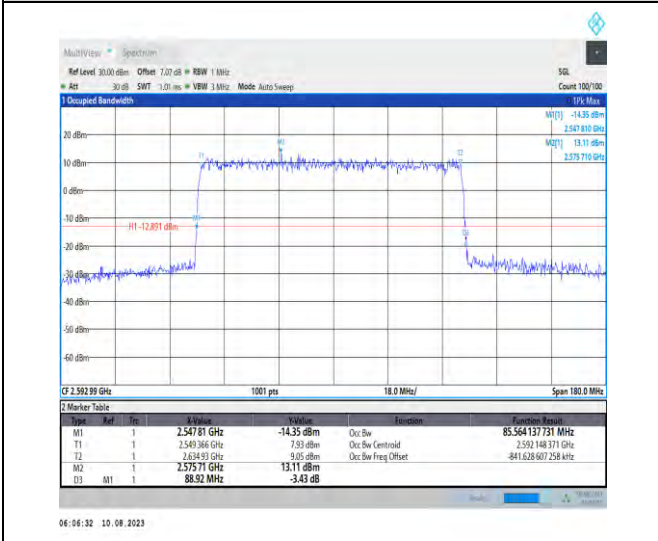
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1-N41-PC3-30-90-M-2-DFT-PI2BPSK-Outer\_Full-240 @0-Ant1-85.416-89.100-<90-PASS



1-N41-PC3-30-90-M-3-DFT-16QAM-Outer\_Full-240 @0-Ant1-85.453-88.920-<90-PASS



1-N41-PC3-30-90-M-4-DFT-64QAM-Outer\_Full-240 @0-Ant1-85.564-88.920-<90-PASS



1-N41-PC3-30-90-M-5-DFT-256QAM-Outer\_Full-240 @0-Ant1-85.551-89.280-<90-PASS

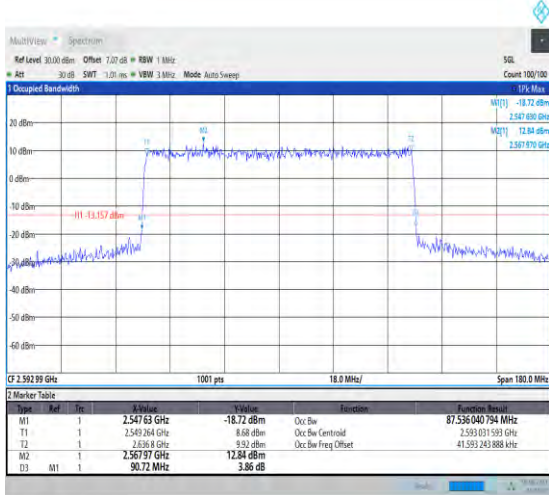


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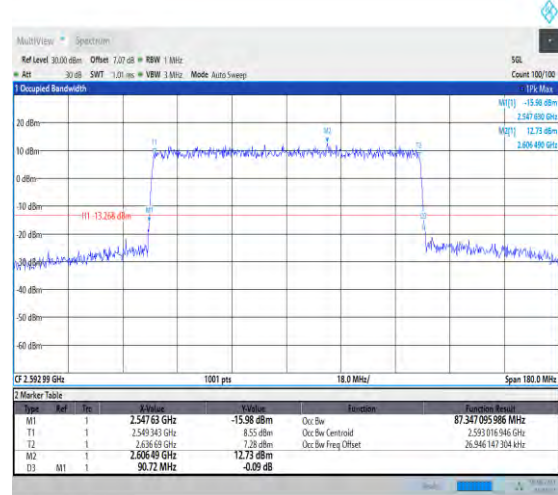
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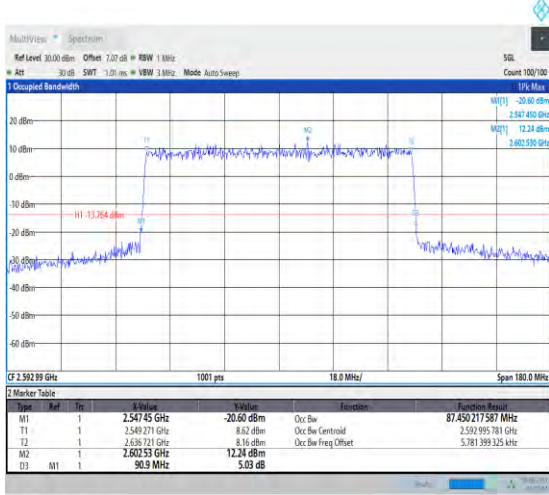
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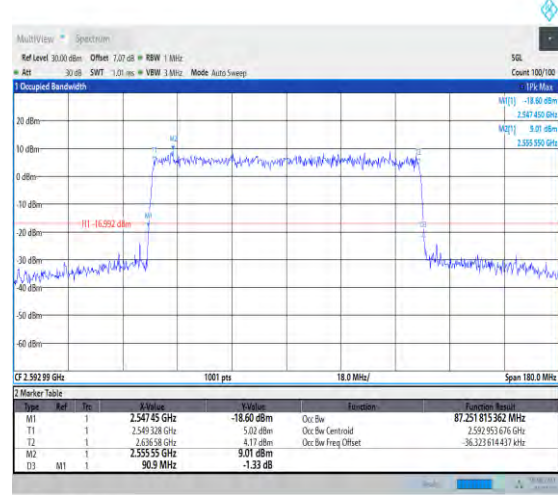
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06:07:13 10.08.2023

1-N41-PC3-30-90-M-9-CP-256QAM-Outer\_Full-245  
@0-Ant1-87.252-90.900-≤90-PASS



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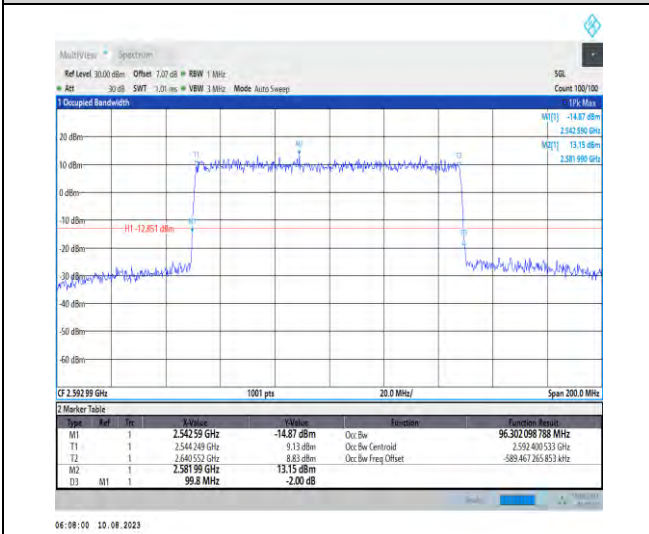
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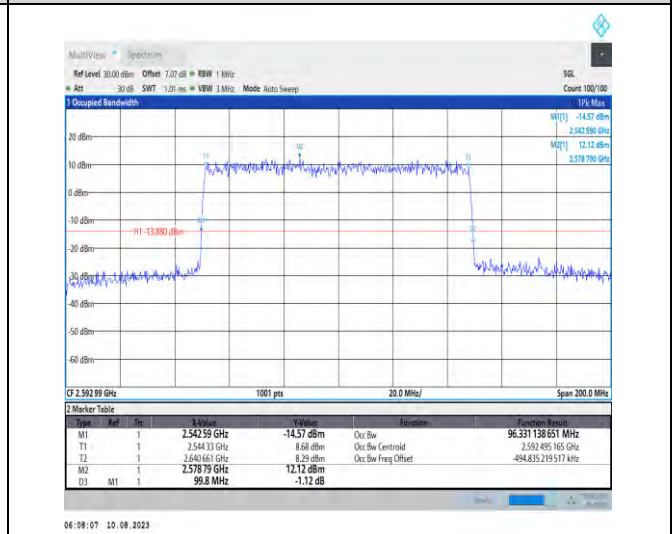
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@0-Ant1-96.167-100.000-≤100-PASS



1-N41-PC3-30-100-M-3-DFT-16QAM-Outer\_Full-270  
@0-Ant1-96.302-99.800-≤100-PASS



1-N41-PC3-30-100-M-4-DFT-64QAM-Outer\_Full-270  
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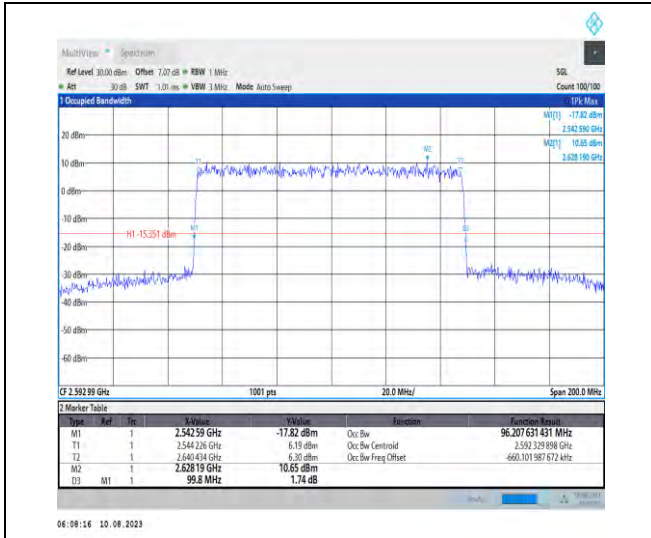


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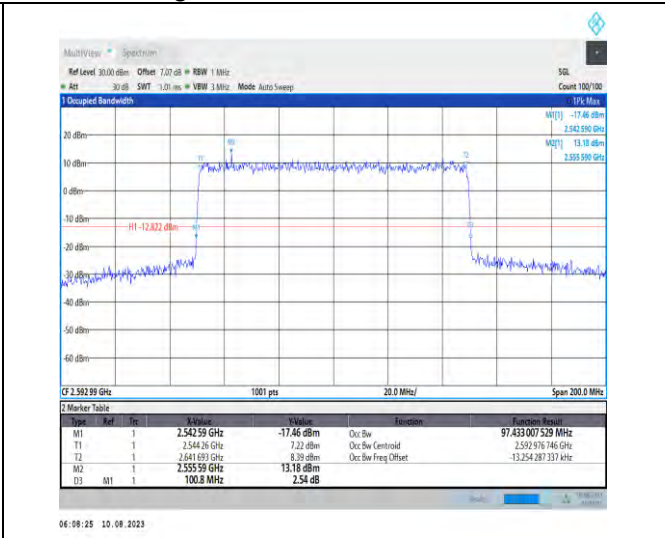
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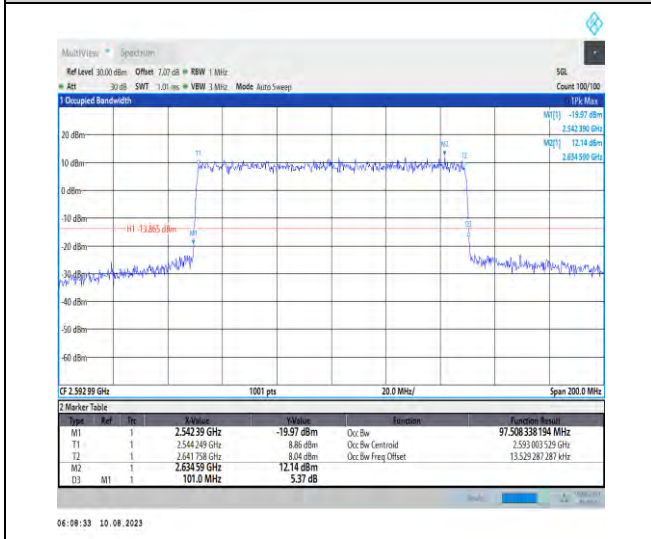
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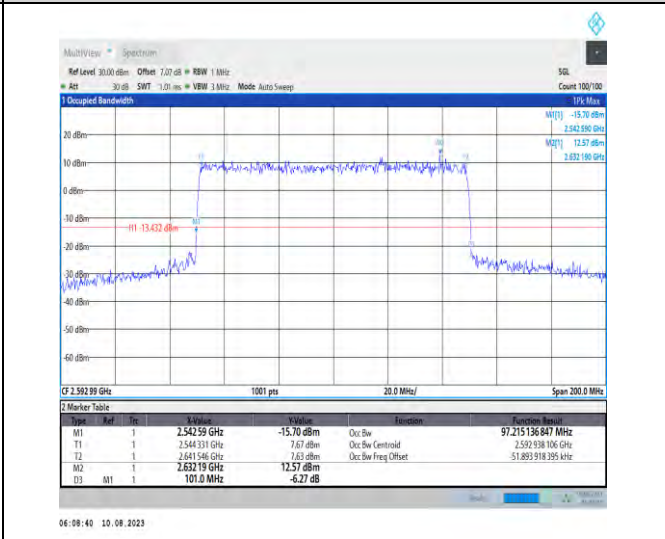
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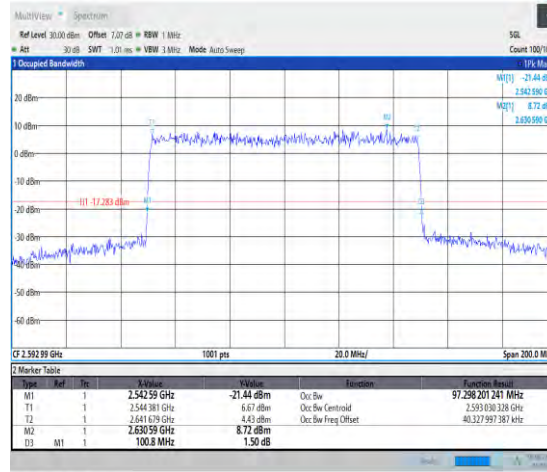


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1-N41-PC3-30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant1-97.215-101.000-≤100-PASS





06:08:48 10.08.2023

1-N41-PC3-30-100-M-9-CP-256QAM-Outer\_Full-273@0-Ant1-97.298-100.800-≤100-PASS



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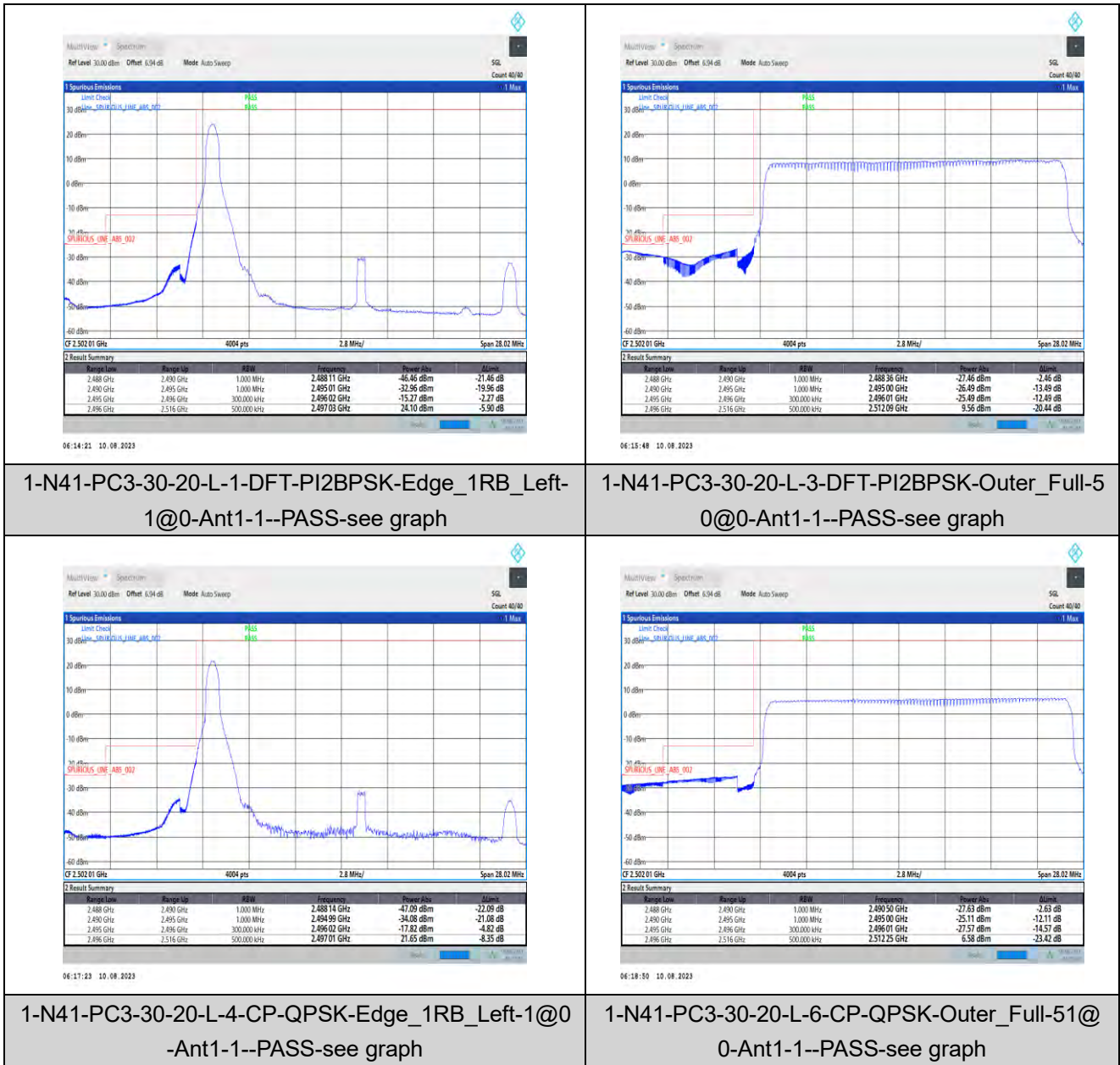
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### Band Edge for SA

### Test Graphs



1-N41-PC3-30-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N41-PC3-30-20-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph

1-N41-PC3-30-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

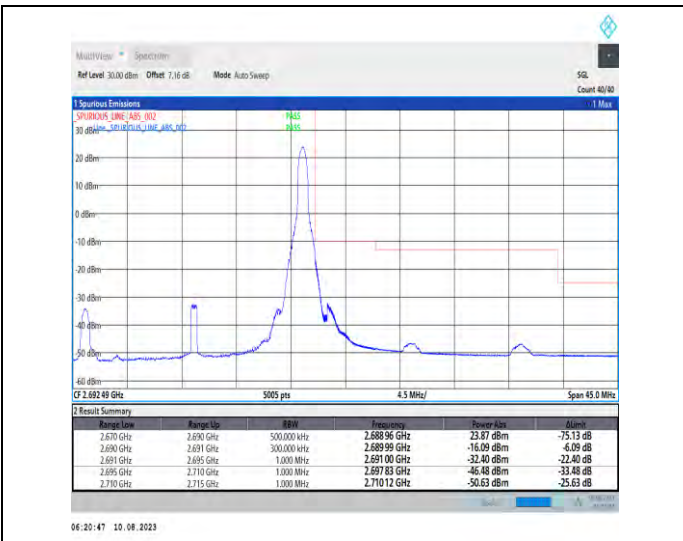
1-N41-PC3-30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant1-1--PASS-see graph



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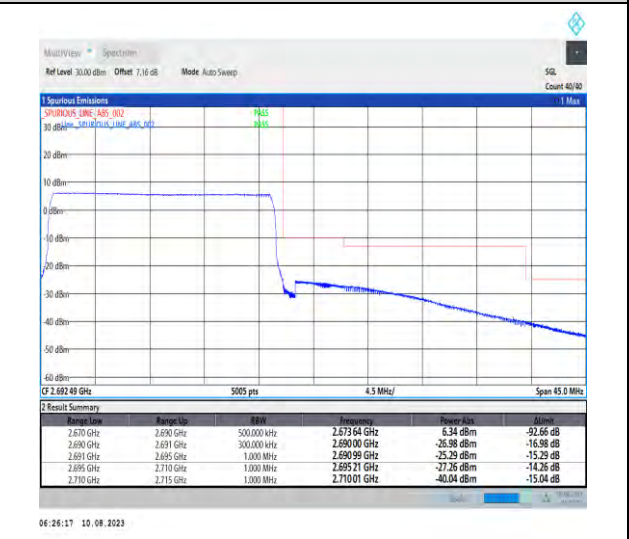
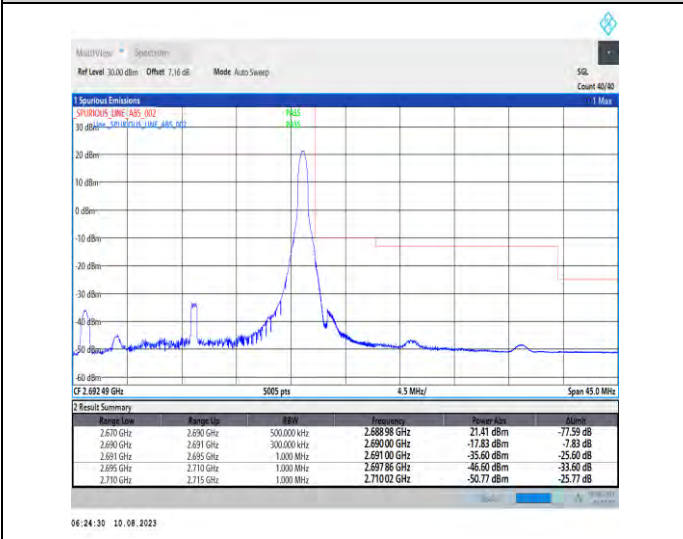
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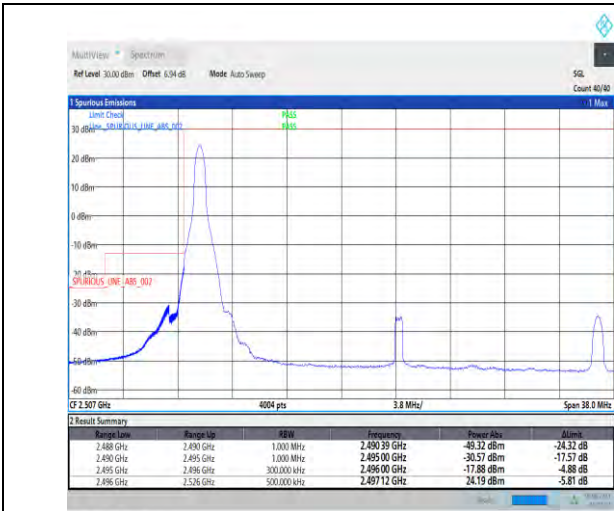
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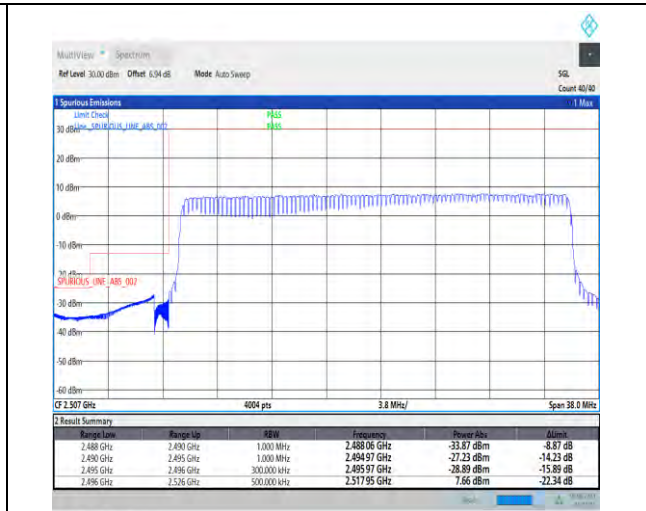
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1-N41-PC3-30-20-H-6-CP-QPSK-Outer\_Full-51@ 0-Ant1-1--PASS-see graph

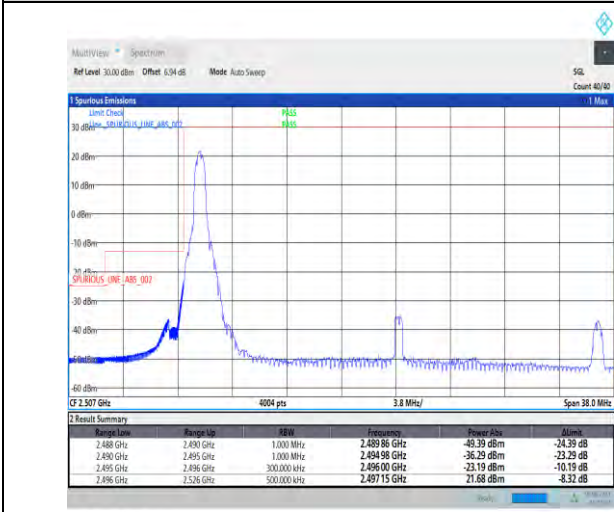




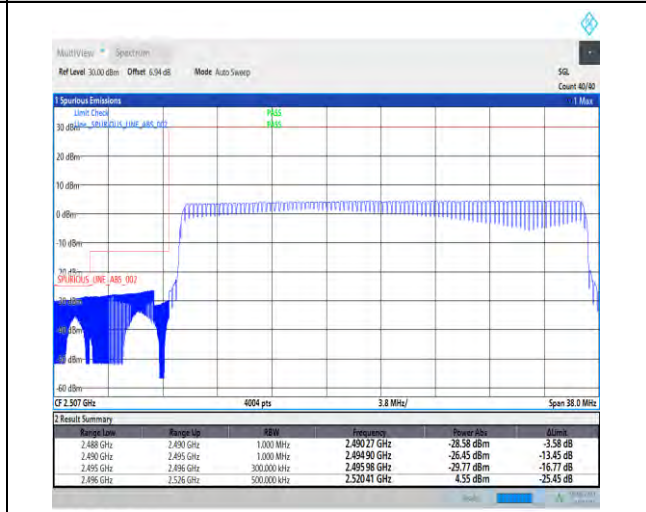
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1-N41-PC3-30-30-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N41-PC3-30-30-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



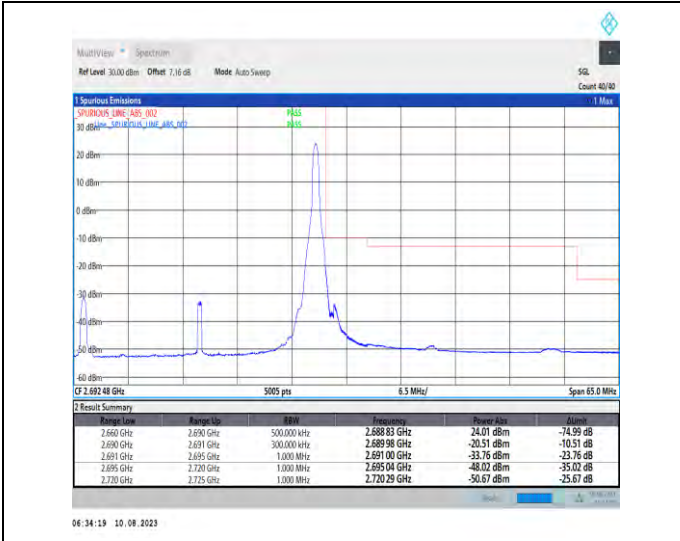
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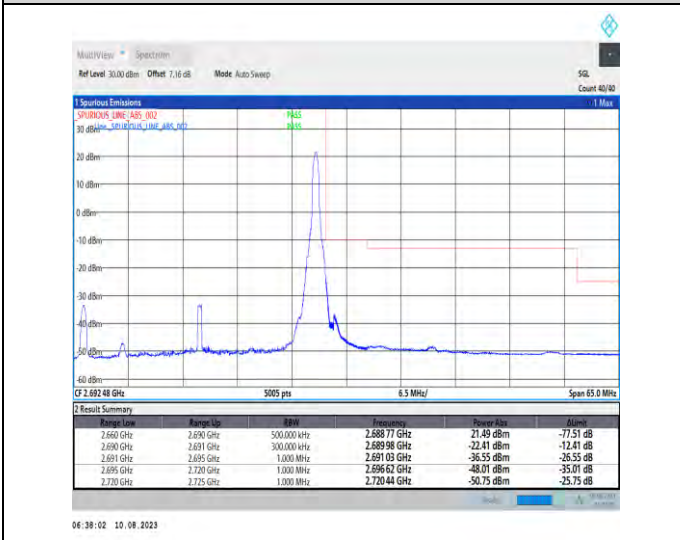
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1-N41-PC3-30-30-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-t1@77-Ant1-1--PASS-see graph



1-N41-PC3-30-30-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N41-PC3-30-30-H-5-CP-QPSK-Edge\_1RB\_Right-1@77-Ant1-1--PASS-see graph



1-N41-PC3-30-30-H-6-CP-QPSK-Outer\_Full-78@0-Ant1-1--PASS-see graph

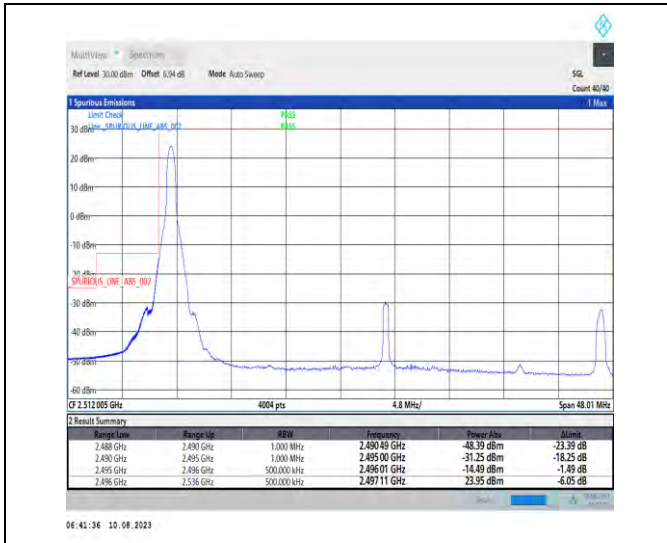


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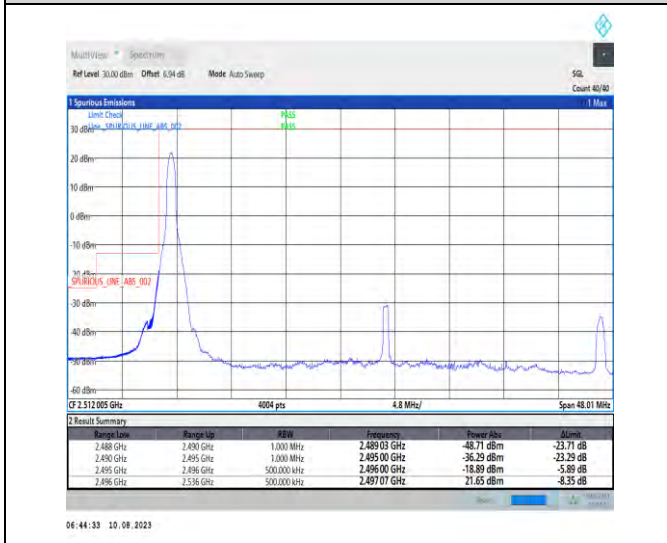
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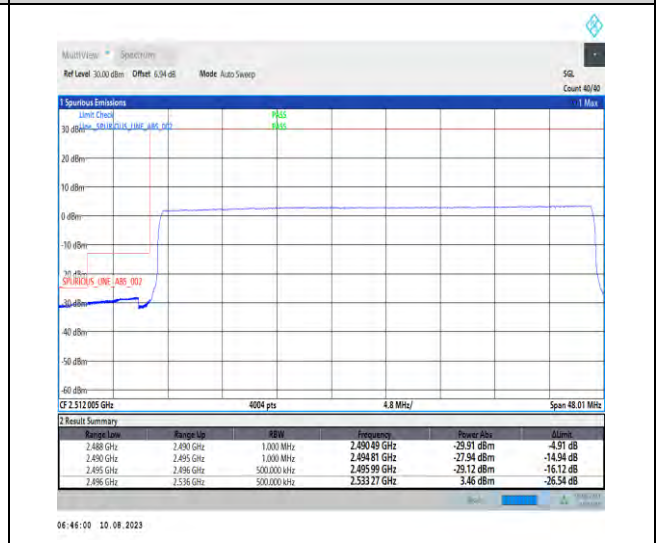
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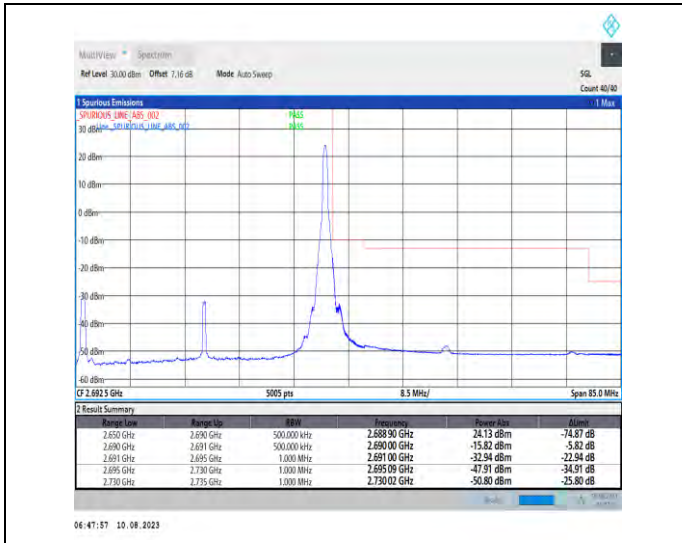


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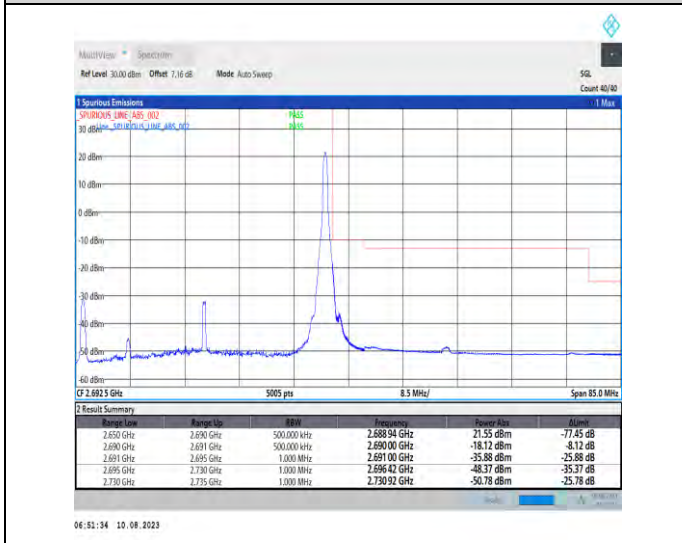




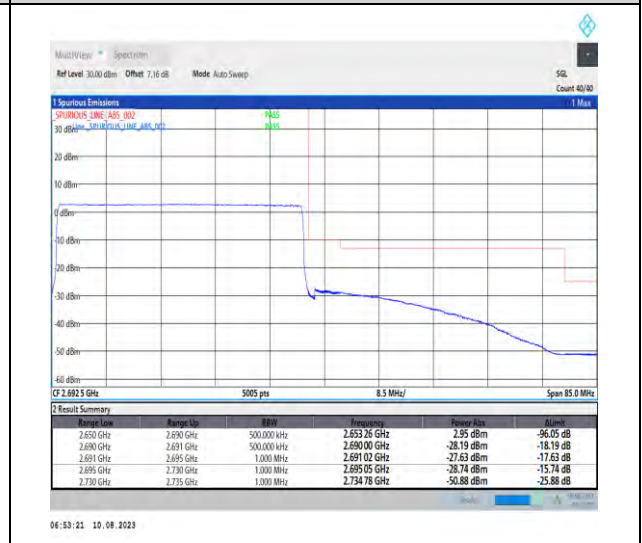
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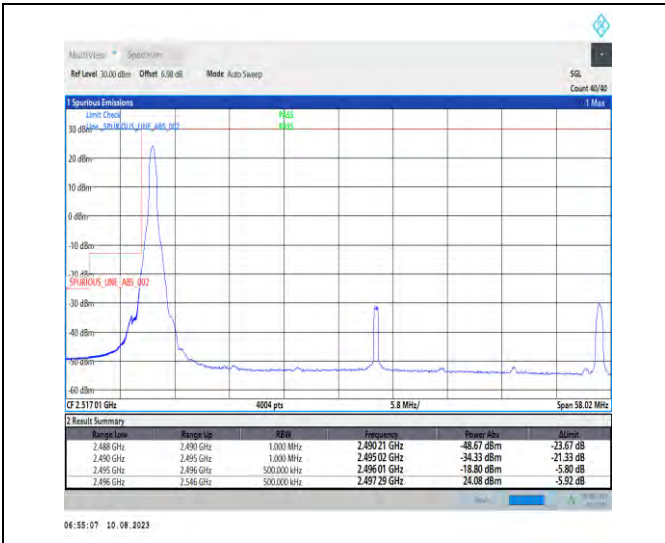
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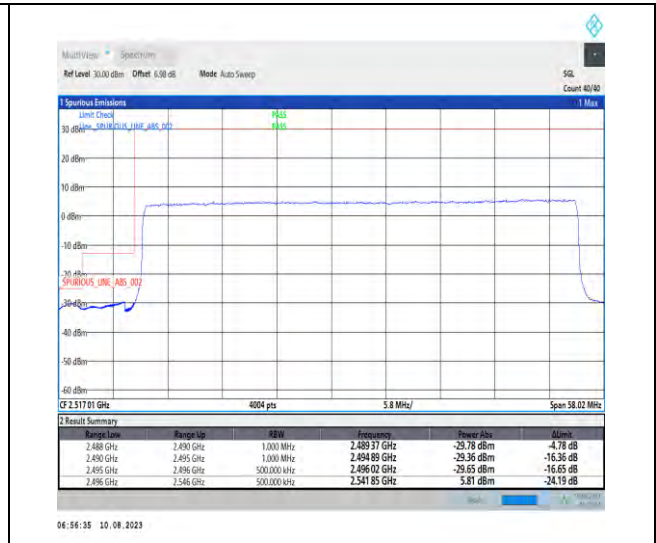
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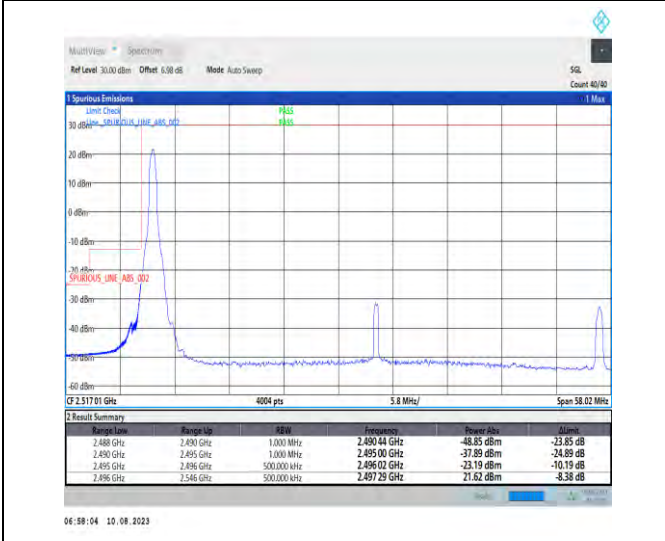
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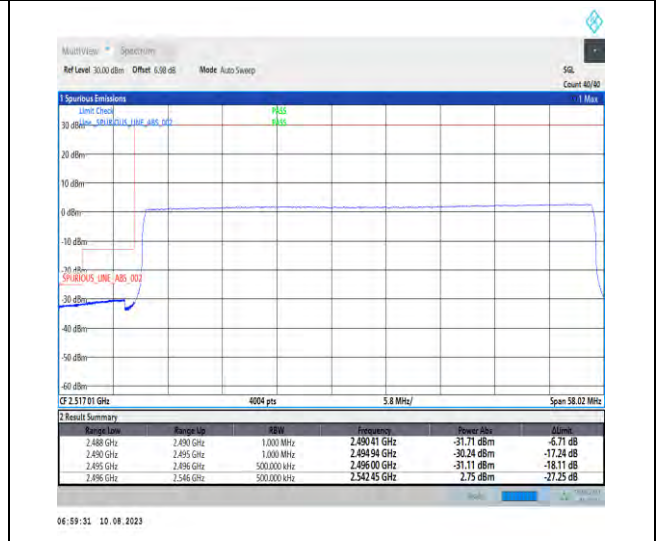
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1-N41-PC3-30-50-L-3-DFT-PI2BPSK-Outer\_Full-128@0-Ant1-1--PASS-see graph



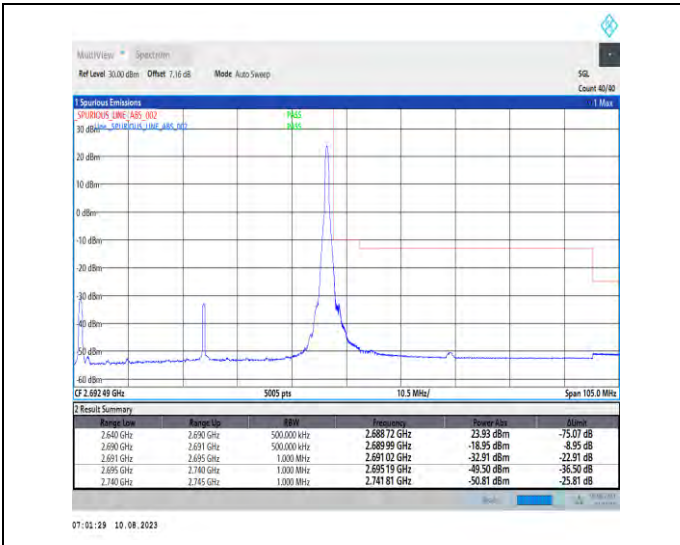
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1-N41-PC3-30-50-L-6-CP-QPSK-Outer\_Full-133@0-Ant1-1--PASS-see graph



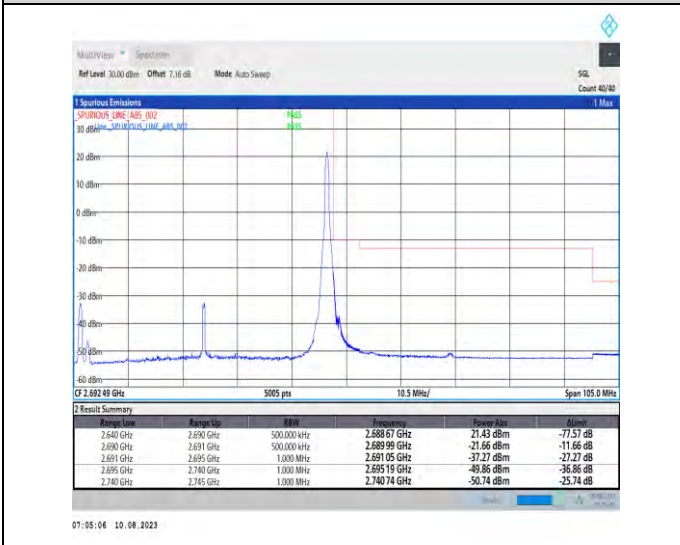
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1-N41-PC3-30-50-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-t-1@132-Ant1-1--PASS-see graph



1-N41-PC3-30-50-H-3-DFT-PI2BPSK-Outer\_Full-128@0-Ant1-1--PASS-see graph



1-N41-PC3-30-50-H-5-CP-QPSK-Edge\_1RB\_Right-1@132-Ant1-1--PASS-see graph



1-N41-PC3-30-50-H-6-CP-QPSK-Outer\_Full-133@0-Ant1-1--PASS-see graph

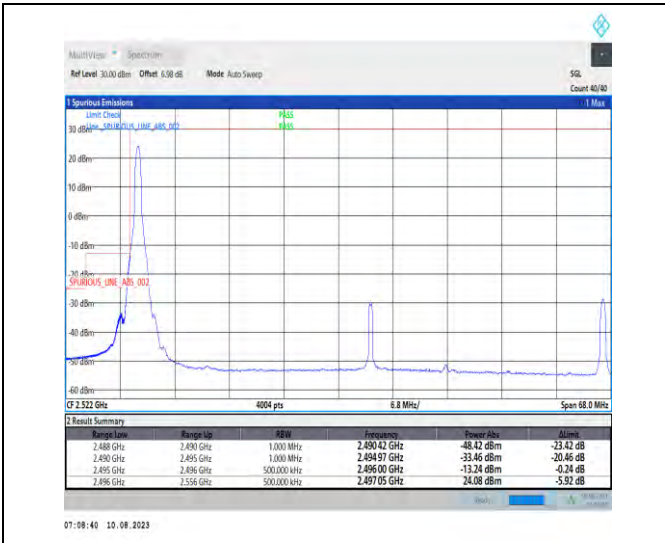


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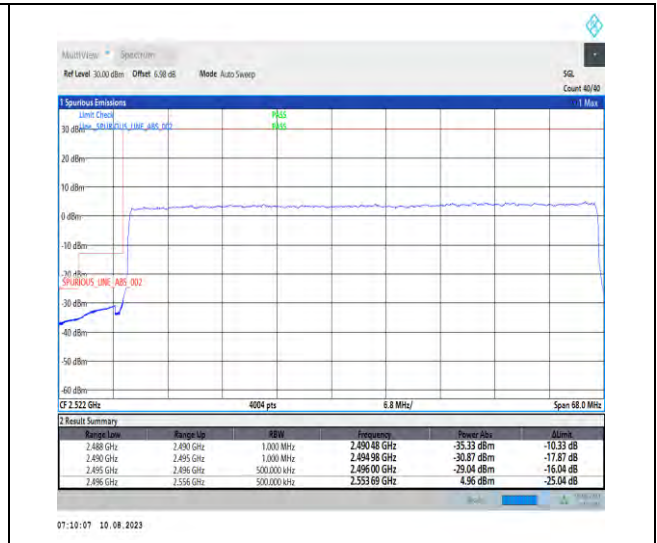
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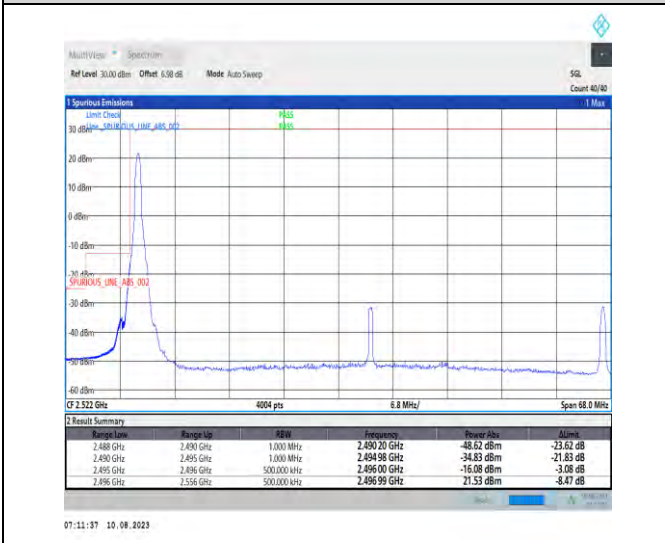




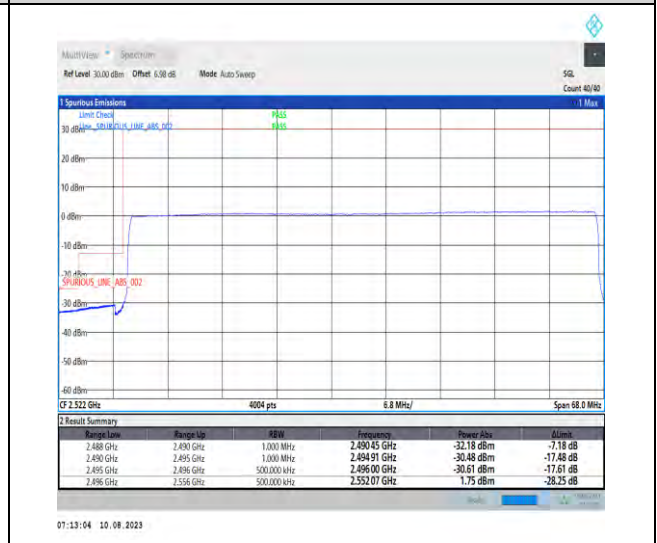
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 -1@0-Ant1-1--PASS-see graph



1-N41-PC3-30-60-L-3-DFT-PI2BPSK-Outer\_Full-16  
 2@0-Ant1-1--PASS-see graph



1-N41-PC3-30-60-L-4-CP-QPSK-Edge\_1RB\_Left-1@  
 0-Ant1-1--PASS-see graph



1-N41-PC3-30-60-L-6-CP-QPSK-Outer\_Full-162@  
 0-Ant1-1--PASS-see graph

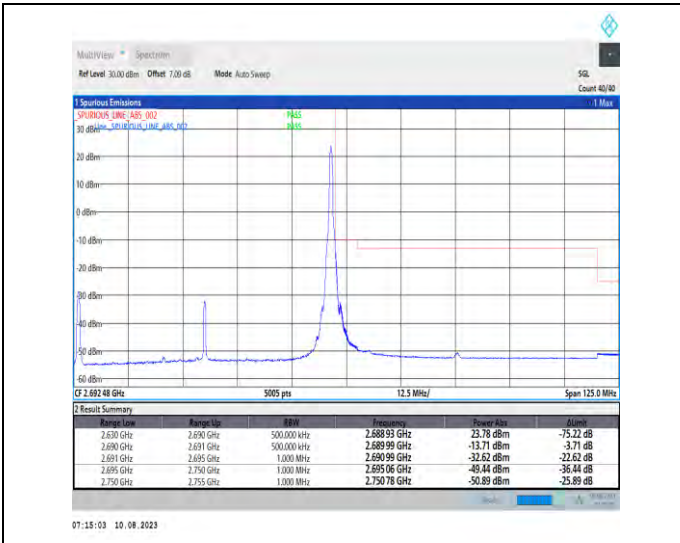


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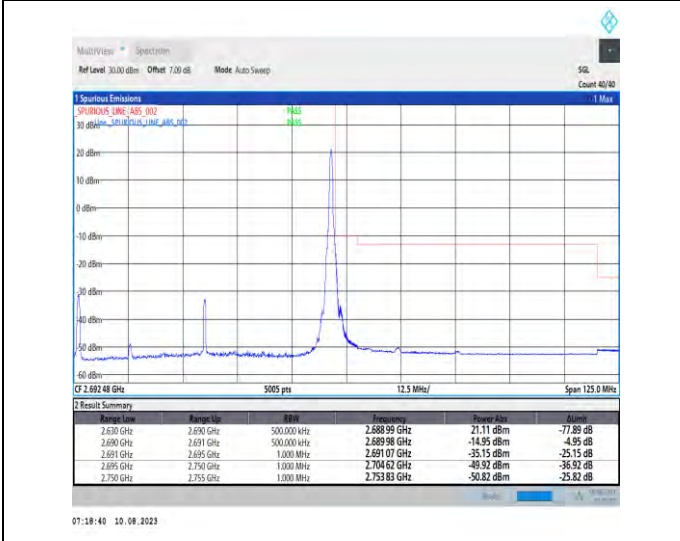
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1-N41-PC3-30-60-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-t-1@161-Ant1-1--PASS-see graph



1-N41-PC3-30-60-H-3-DFT-PI2BPSK-Outer\_Full-162@0-Ant1-1--PASS-see graph



1-N41-PC3-30-60-H-5-CP-QPSK-Edge\_1RB\_Right-1@161-Ant1-1--PASS-see graph



1-N41-PC3-30-60-H-6-CP-QPSK-Outer\_Full-162@0-Ant1-1--PASS-see graph



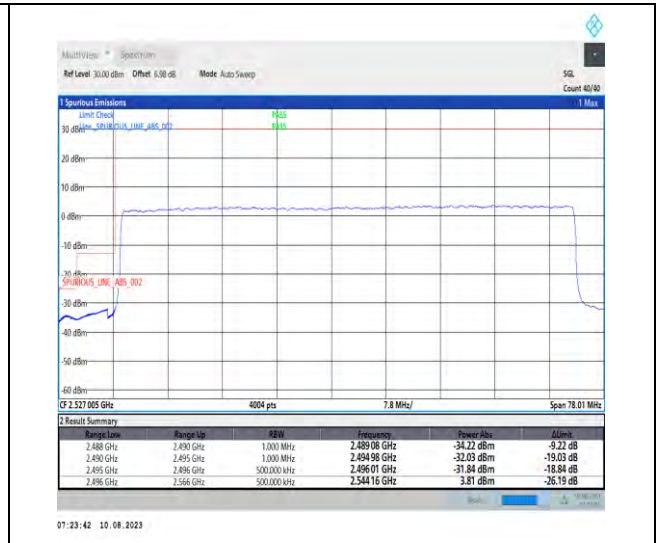
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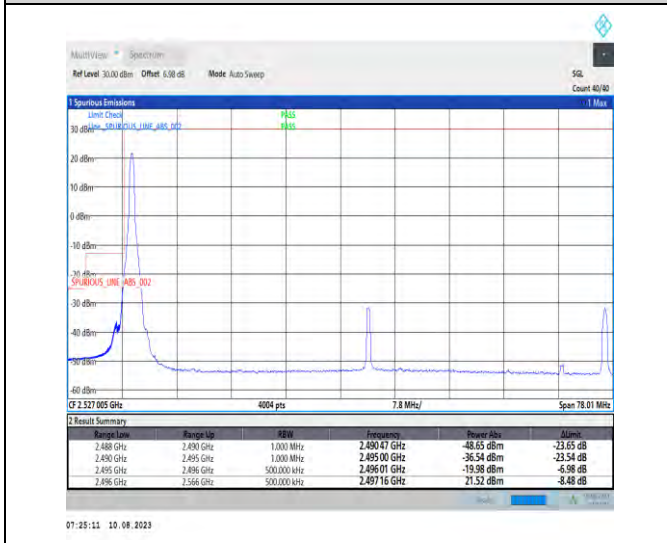
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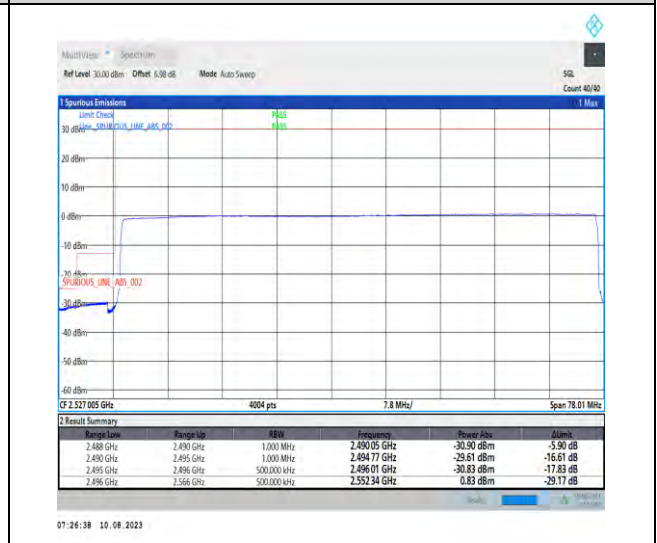
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1-N41-PC3-30-70-L-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-1--PASS-see graph



1-N41-PC3-30-70-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N41-PC3-30-70-L-6-CP-QPSK-Outer\_Full-189@0-Ant1-1--PASS-see graph

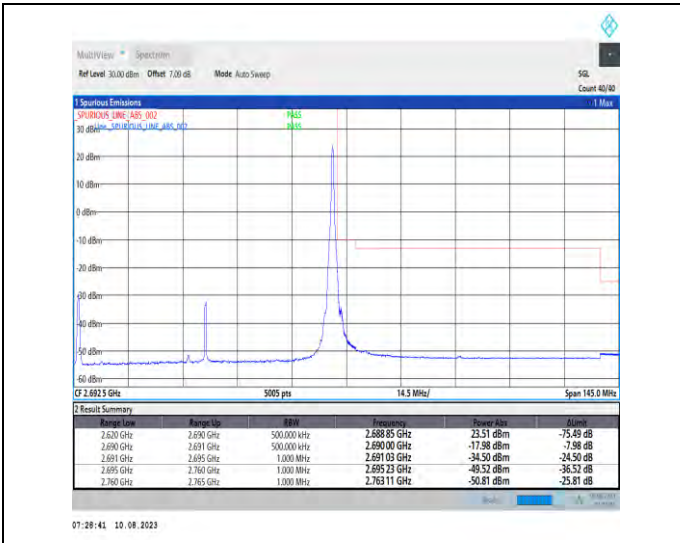


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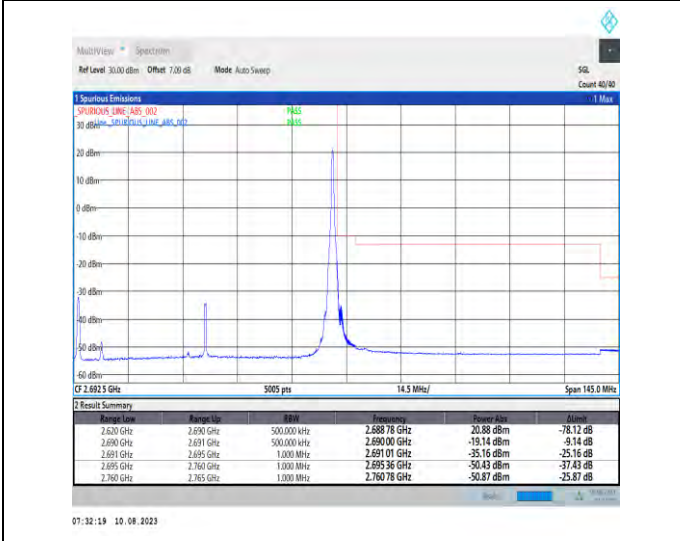
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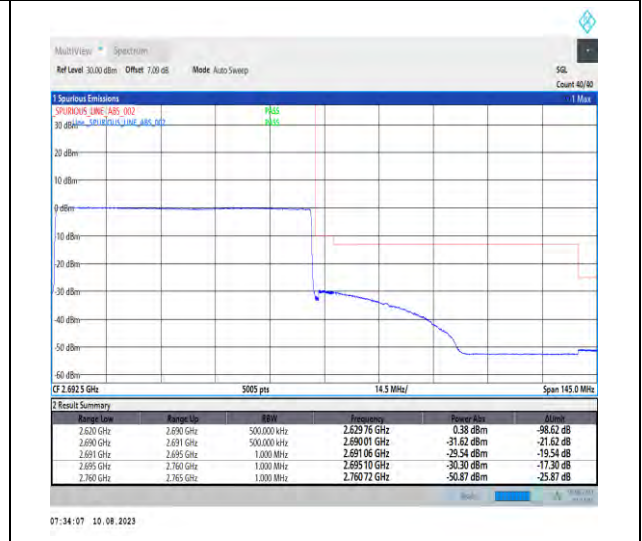
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1-N41-PC3-30-70-H-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-1--PASS-see graph



1-N41-PC3-30-70-H-5-CP-QPSK-Edge\_1RB\_Right-1@188-Ant1-1--PASS-see graph



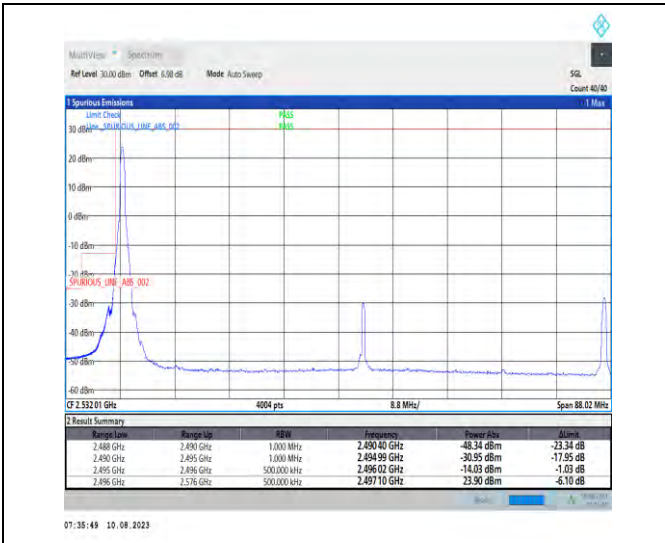
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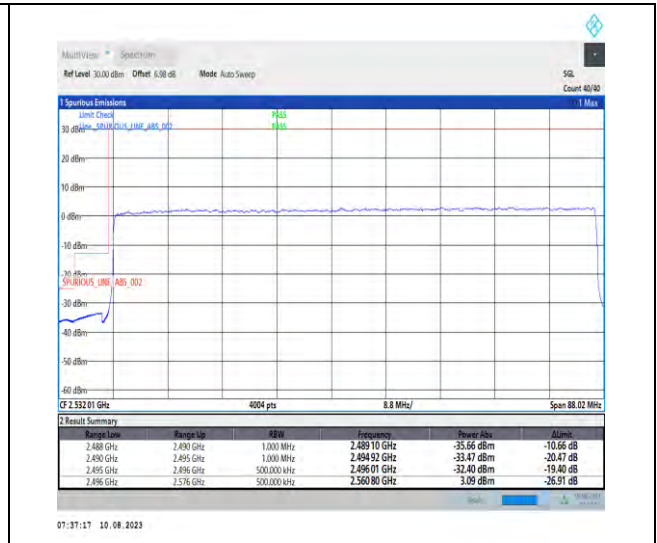
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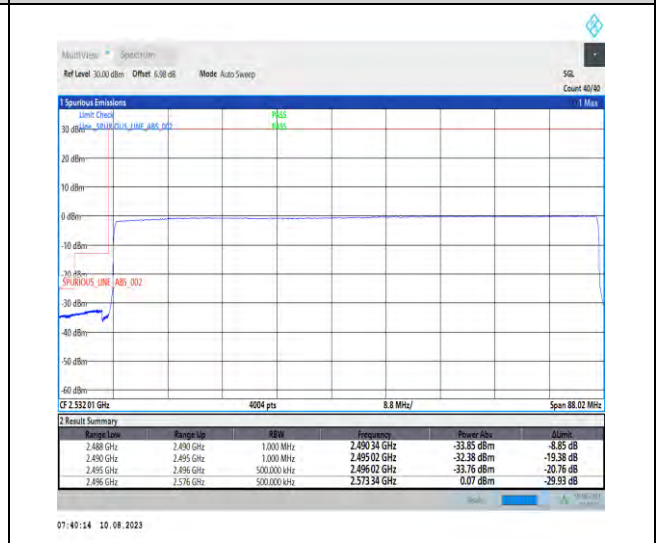
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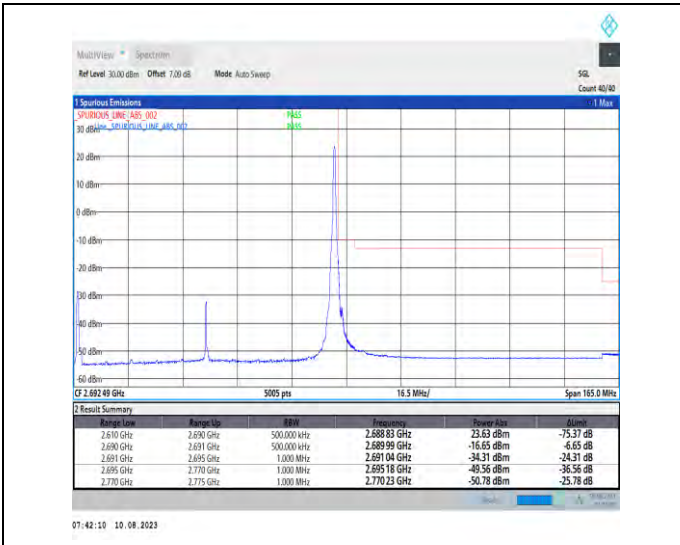


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1-N41-PC3-30-80-L-6-CP-QPSK-Outer\_Full-217@0-Ant1-1--PASS-see graph

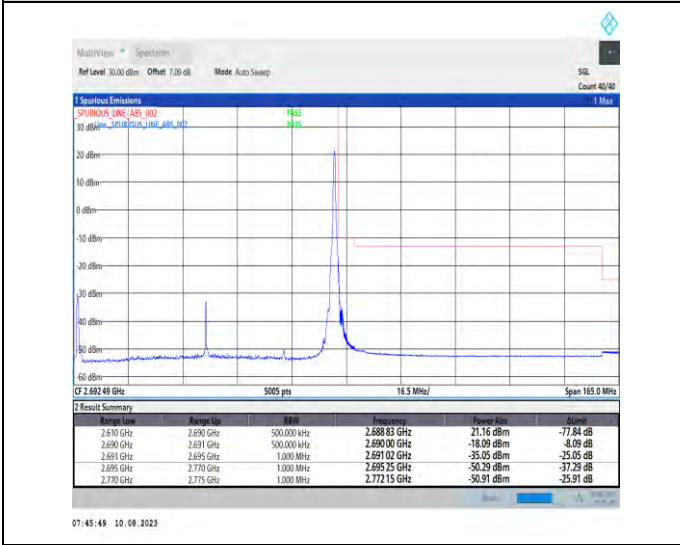




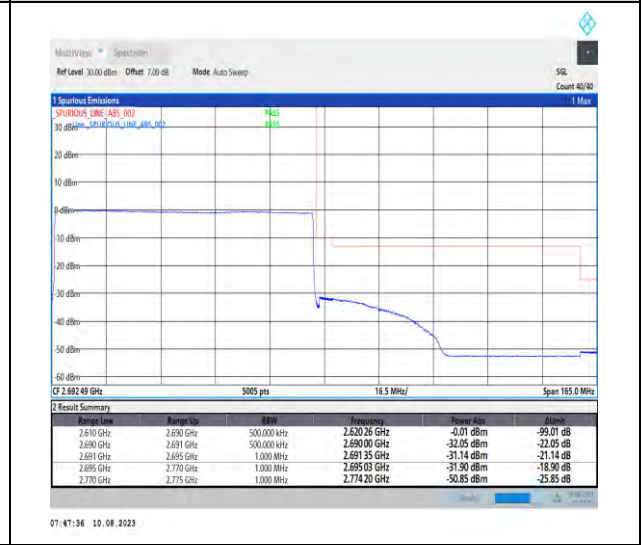
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1-N41-PC3-30-80-H-5-CP-QPSK-Edge\_1RB\_Right-1@216-Ant1-1--PASS-see graph



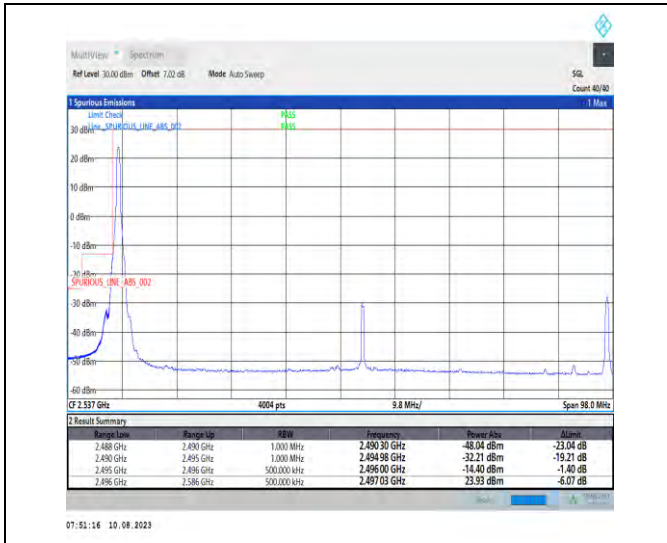
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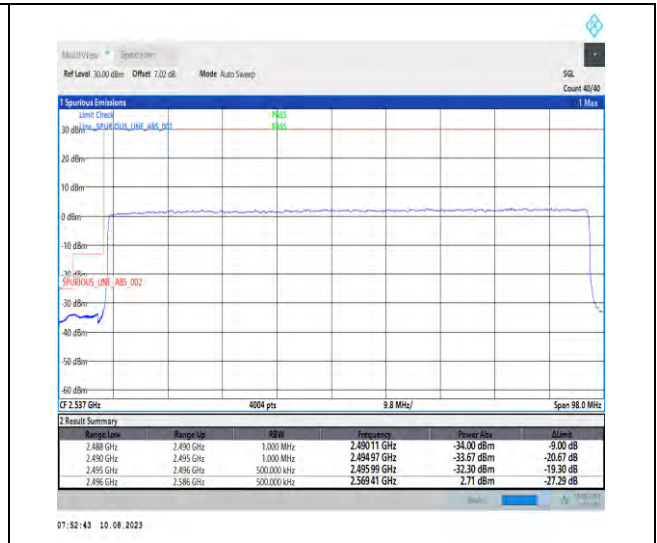
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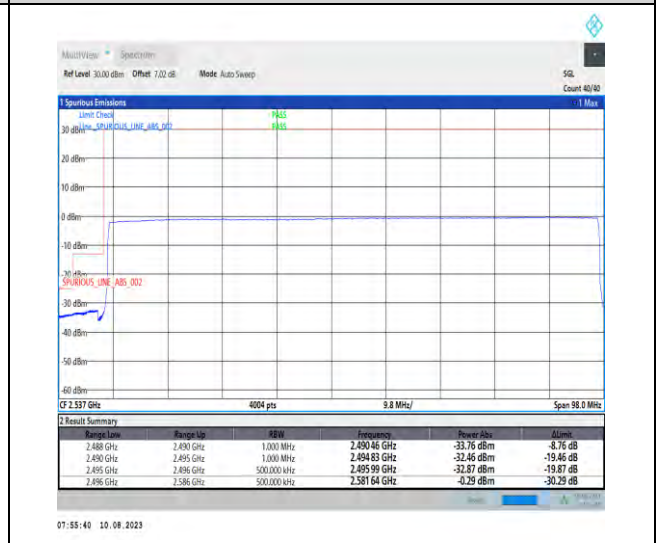
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1-N41-PC3-30-90-L-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant1-1--PASS-see graph

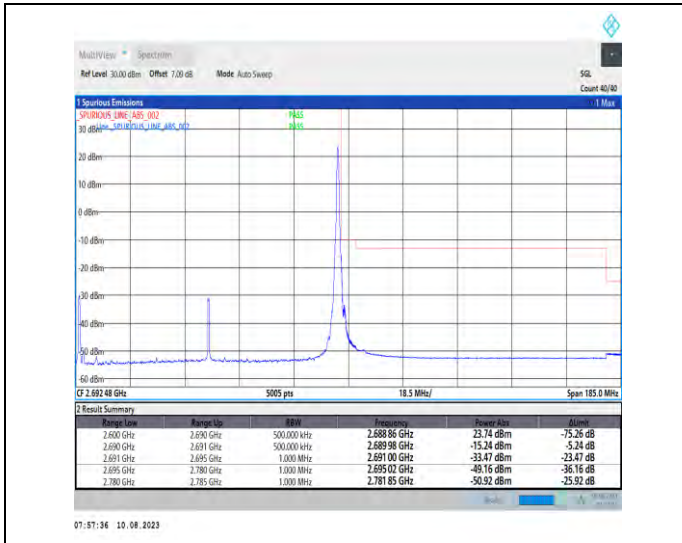


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1-N41-PC3-30-90-L-6-CP-QPSK-Outer\_Full-245@0-Ant1-1--PASS-see graph

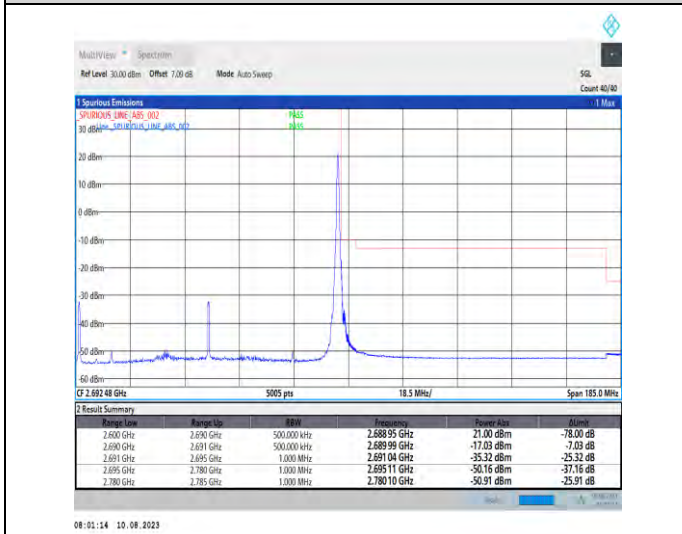




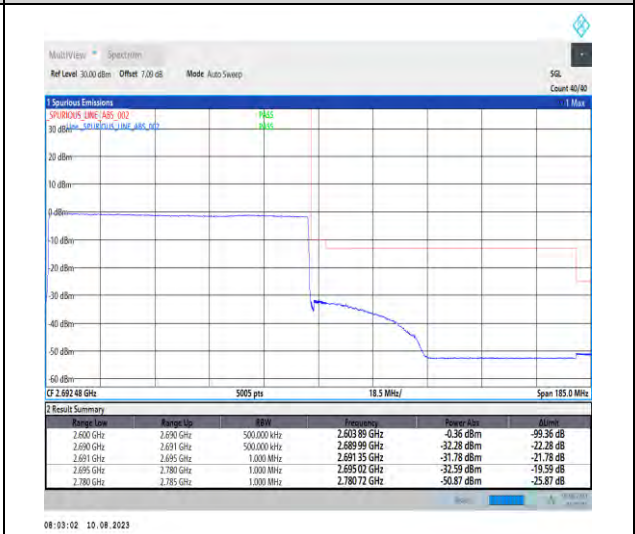
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1-N41-PC3-30-90-H-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant1-1--PASS-see graph



1-N41-PC3-30-90-H-5-CP-QPSK-Edge\_1RB\_Right-1@244-Ant1-1--PASS-see graph



1-N41-PC3-30-90-H-6-CP-QPSK-Outer\_Full-245@0-Ant1-1--PASS-see graph



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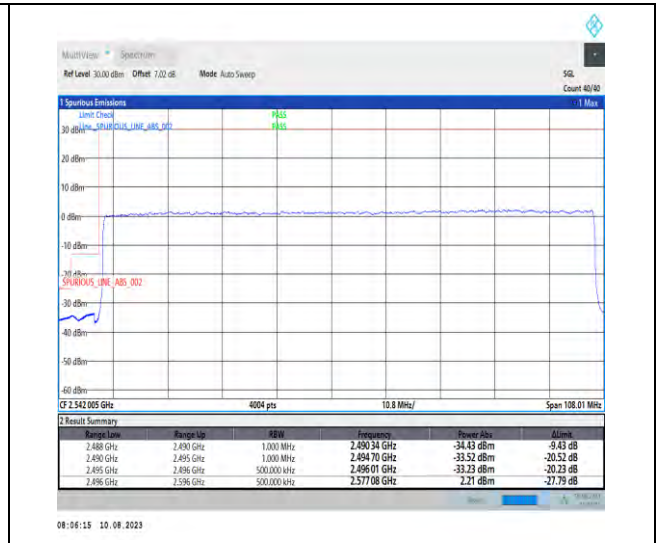
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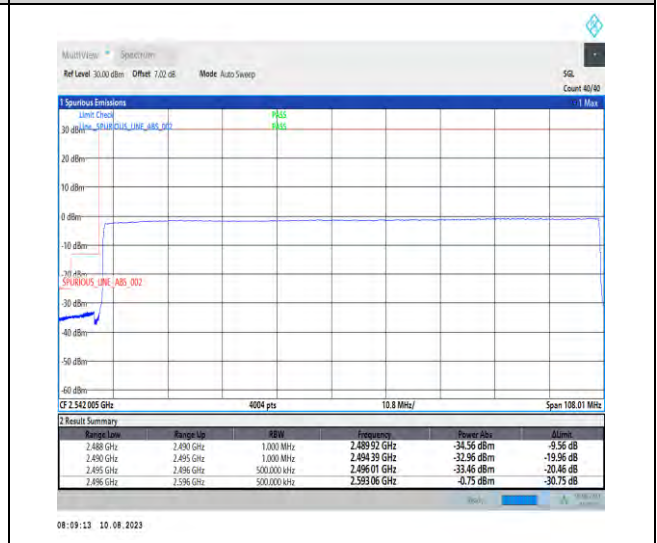
1-N41-PC3-30-100-L-1-DFT-PI2BPSK-Edge\_1RB\_Le ft-1@0-Ant1-1--PASS-see graph



1-N41-PC3-30-100-L-3-DFT-PI2BPSK-Outer\_Full-2 70@0-Ant1-1--PASS-see graph

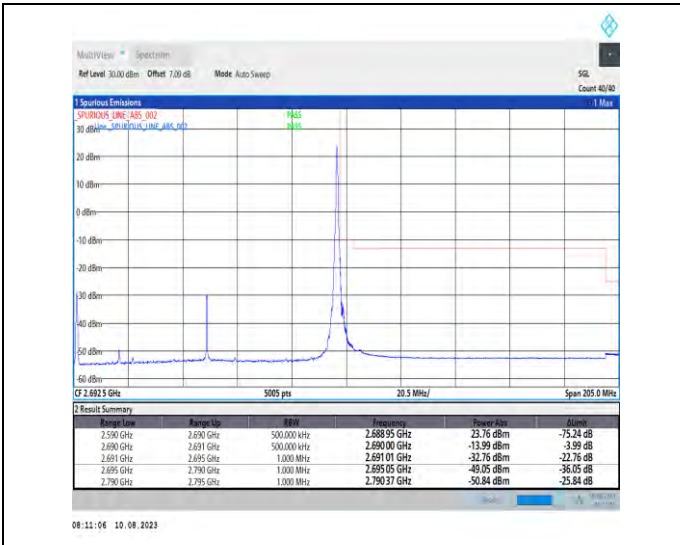


1-N41-PC3-30-100-L-4-CP-QPSK-Edge\_1RB\_Left-1 @0-Ant1-1--PASS-see graph



1-N41-PC3-30-100-L-6-CP-QPSK-Outer\_Full-273@ 0-Ant1-1--PASS-see graph

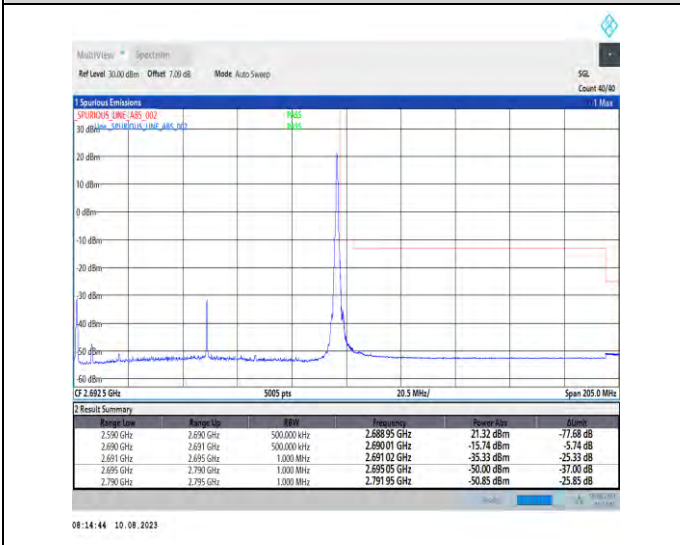




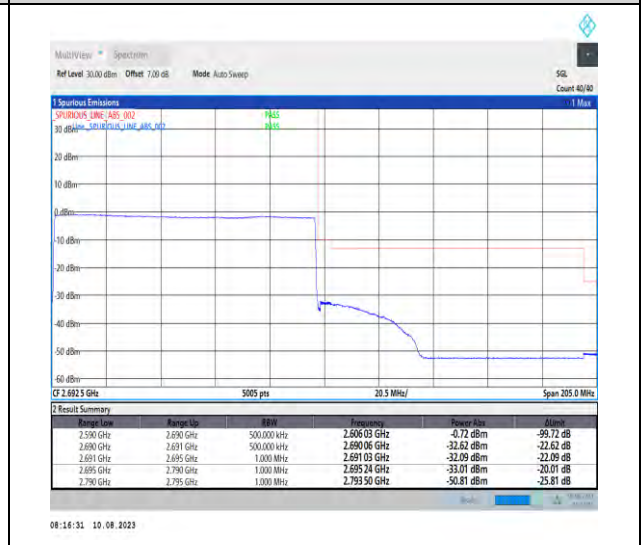
1-N41-PC3-30-100-H-2-DFT-PI2BPSK-Edge\_1RB\_Rig ht-1@272-Ant1-1--PASS-see graph



1-N41-PC3-30-100-H-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-1--PASS-see graph



1-N41-PC3-30-100-H-5-CP-QPSK-Edge\_1RB\_Right-1 @272-Ant1-1--PASS-see graph



1-N41-PC3-30-100-H-6-CP-QPSK-Outer\_Full-273 @0-Ant1-1--PASS-see graph



## Conducted Spurious Emission for SA

### Test Graphs

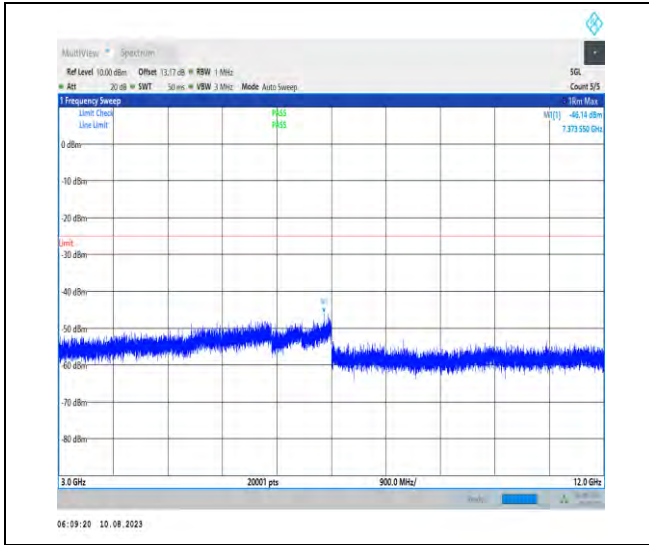
<p>1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1                  RB_Left-1@1-0.009-0.15-Ant1-0.01--81.07--55-PAS                  S</p>	<p>1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1R                  B_Left-1@1-0.15-30-Ant1-29.91--76.04--45-PASS</p>
<p>1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1                  RB_Left-1@1-30-1000-Ant1-33.40--59.26--35-PASS</p>	<p>1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1R                  B_Left-1@1-1000-3000-Ant1-2931.00--44.09--25-PA                  SS</p>



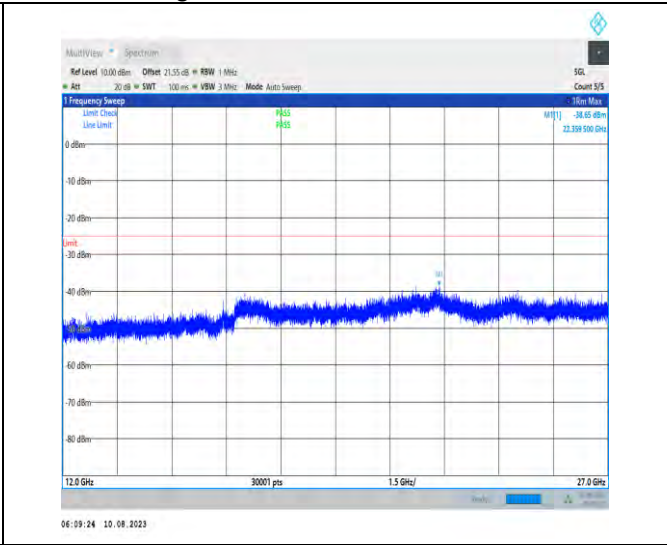
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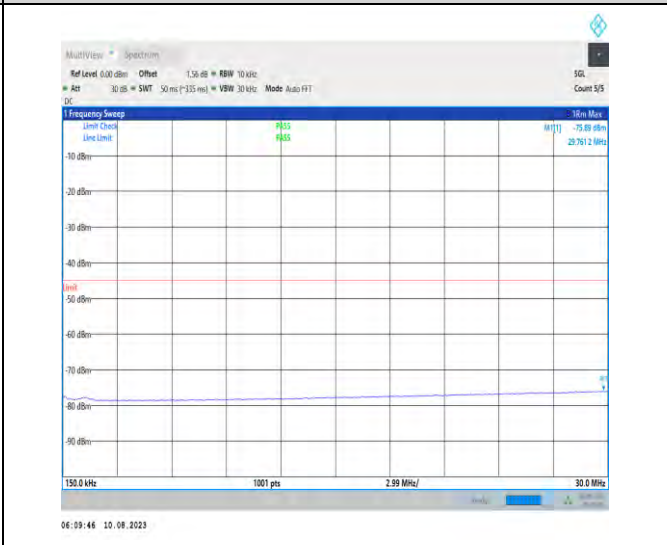
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 RB\_Left-1@1-3000-12000-Ant1-7426.65--46.14--25  
 -PASS



1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner\_1R  
 B\_Left-1@1-12000-27000-Ant1-22353.50--38.65--25  
 PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner\_1  
 RB\_Left-1@1-0.009-0.15-Ant1-0.01--81.25--55-PAS  
 S



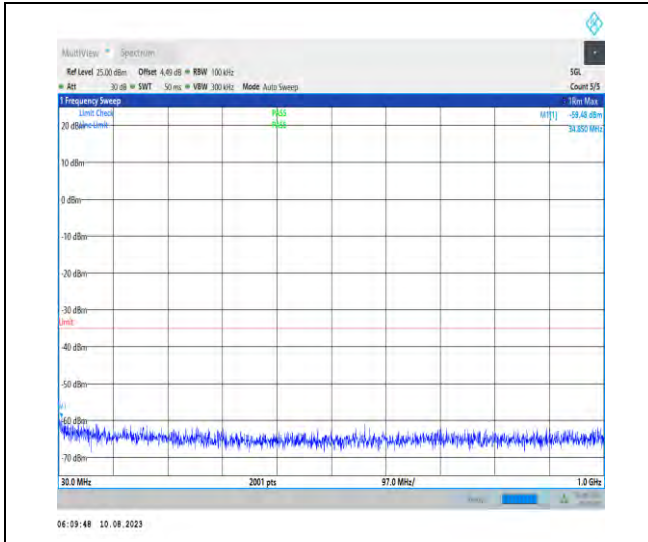
1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner\_1R  
 B\_Left-1@1-0.15-30-Ant1-29.91--75.89--45-PASS



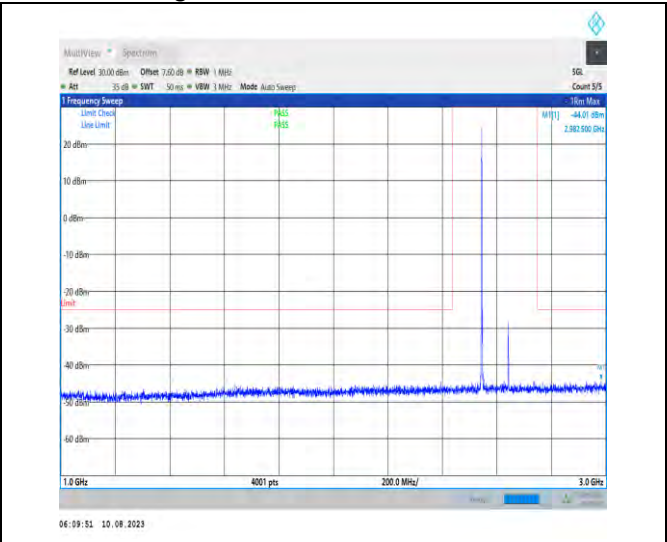
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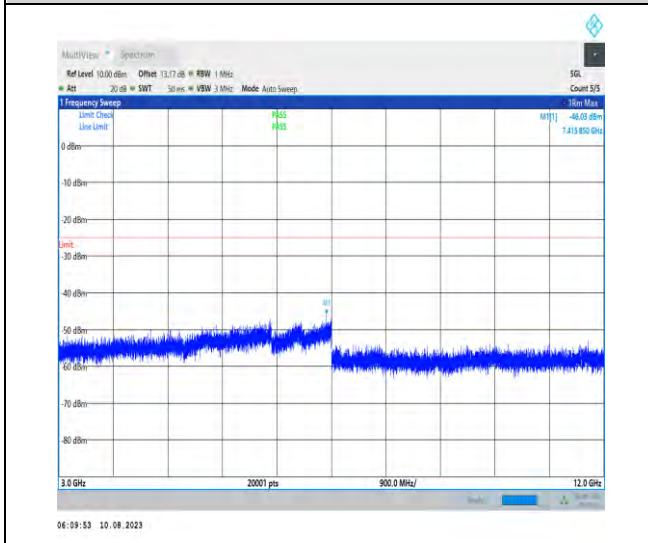
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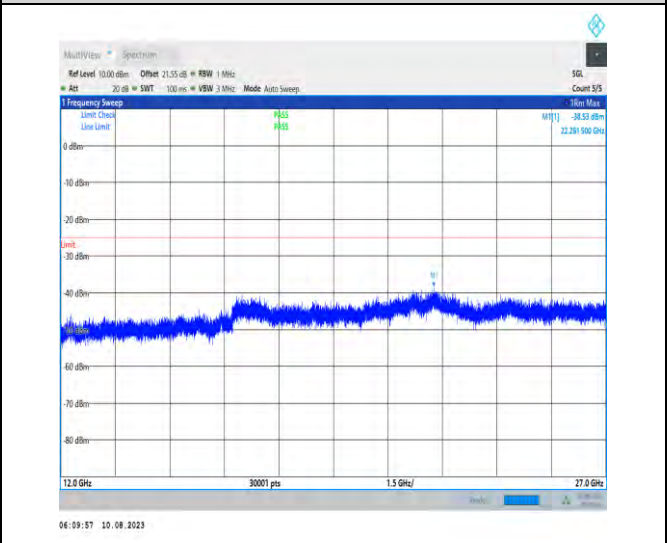
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RB\_Left-1@1-30-1000-Ant1-32.91--59.48--35-PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner\_1R  
B\_Left-1@1-1000-3000-Ant1-2929.00--44.01--25-PA  
SS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner\_1  
RB\_Left-1@1-3000-12000-Ant1-7489.20--46.03--25  
-PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner\_1R  
B\_Left-1@1-12000-27000-Ant1-22358.50--38.53--25-  
PASS

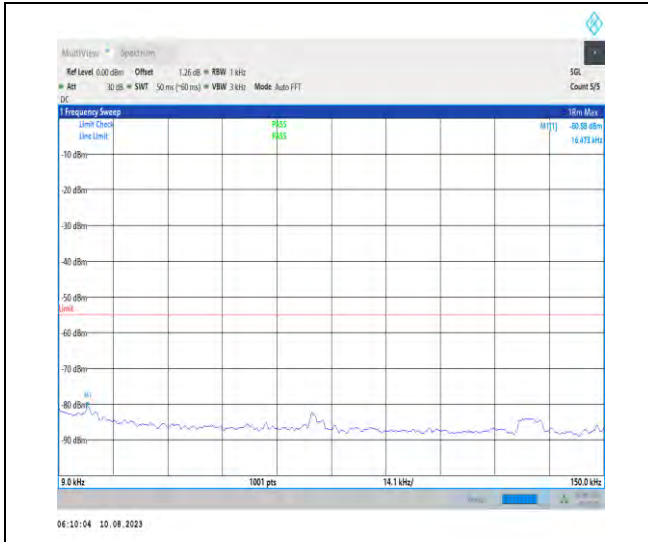


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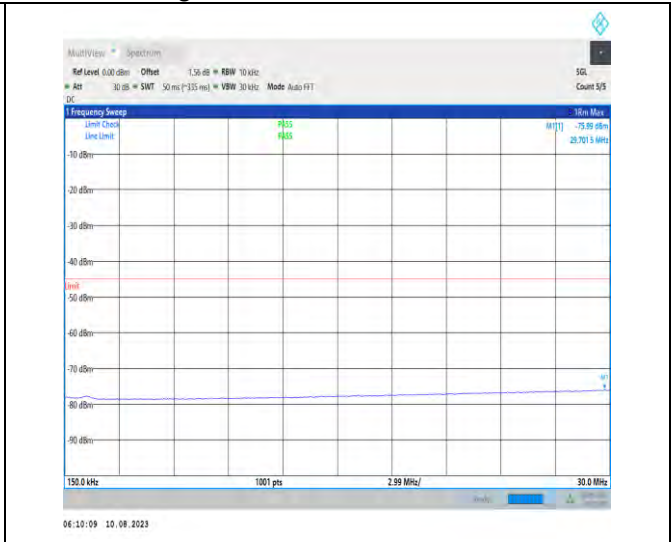
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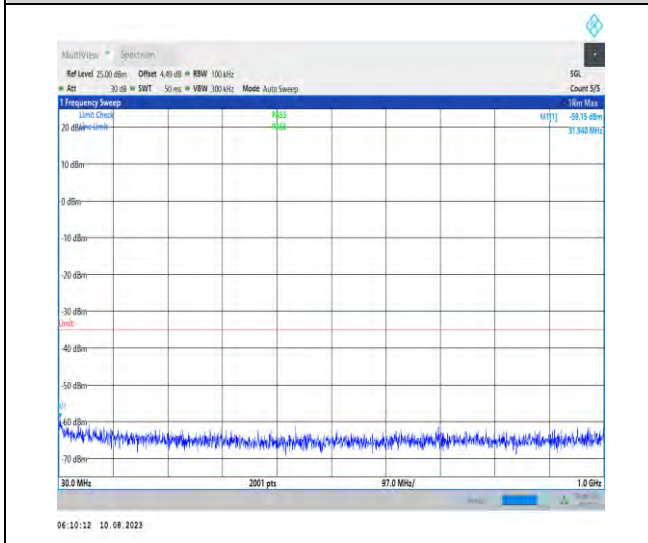
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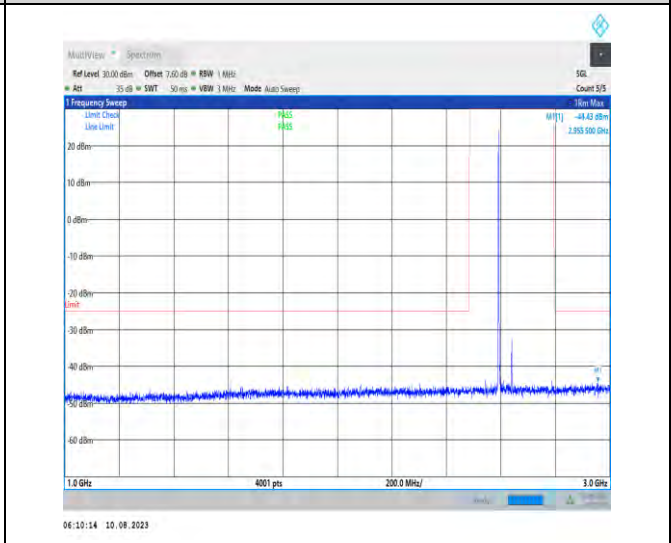
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RB\_Left-1@1-0.009-0.15-Ant1-0.01--80.88--55-PASS  
S



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner\_1R  
B\_Left-1@1-0.15-30-Ant1-30.00--75.99--45-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner\_1  
RB\_Left-1@1-30-1000-Ant1-30.49--59.15--35-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner\_1R  
B\_Left-1@1-1000-3000-Ant1-2931.50--44.43--25-PASS  
SS

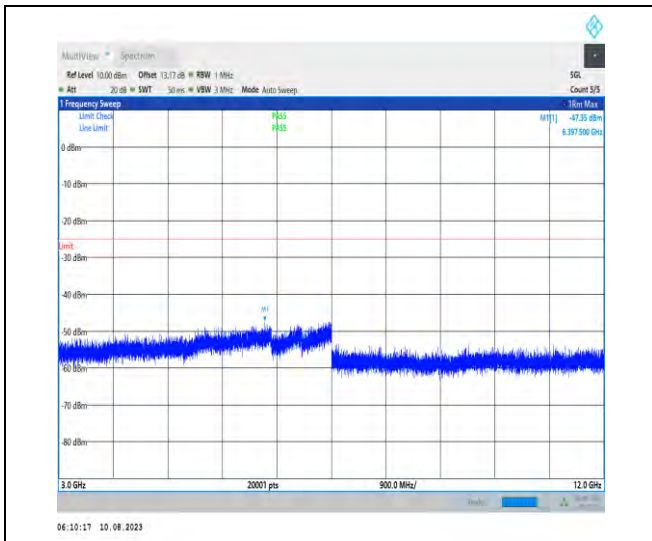


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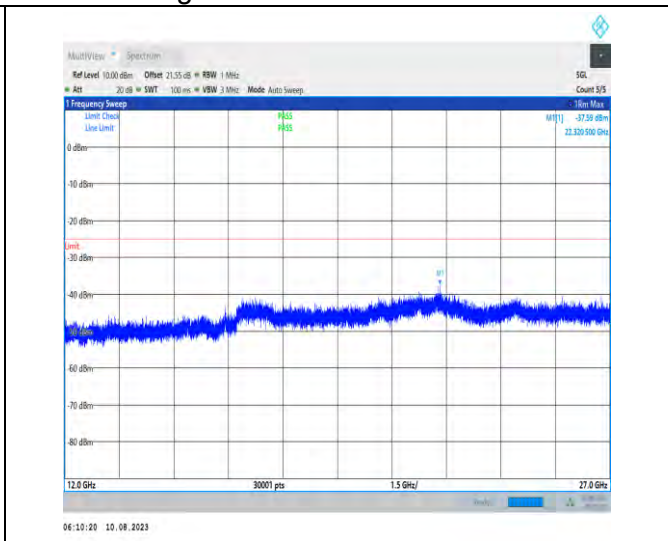
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1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner\_1  
 RB\_Left-1@1-3000-12000-Ant1-6479.85--47.35--25  
 -PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner\_1R  
 B\_Left-1@1-12000-27000-Ant1-22349.00--37.59--25  
 PASS



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**Field Strength of Spurious Radiation**

Test Band = NR\_Band 41\_ Ant 2TM1  
 Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5010.18	44.49	-47.99	31.53	-67.23	-25.00	42.23	217	145	Vertical
2	7515.27	41.34	-45.92	36.78	-63.06	-25.00	38.06	144	360	Vertical
3	10020.36	38.25	-41.73	38.52	-60.23	-25.00	35.23	126	128	Vertical
4	12525.45	36.44	-39.66	38.88	-59.60	-25.00	34.60	324	351	Vertical
5	15030.54	36.07	-38.14	40.04	-57.29	-25.00	32.29	152	219	Vertical
6	17535.63	35.27	-36.82	42.33	-54.48	-25.00	29.48	265	286	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5010.18	44.72	-47.99	31.53	-67.00	-25.00	42.00	138	77	Horizontal
2	7515.27	41.55	-45.92	36.78	-62.85	-25.00	37.85	217	270	Horizontal
3	10020.36	38.48	-41.73	38.52	-60.00	-25.00	35.00	145	12	Horizontal
4	12525.45	35.72	-39.66	38.88	-60.32	-25.00	35.32	206	353	Horizontal
5	15030.54	35.48	-38.14	40.04	-57.88	-25.00	32.88	295	143	Horizontal
6	17535.63	35.63	-36.82	42.33	-54.12	-25.00	29.12	224	317	Horizontal



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Test Band = NR\_Band 41\_Ant 2TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5100.18	43.72	-47.82	31.74	-67.62	-25.00	42.62	138	324	Vertical
2	7650.27	41.95	-44.89	36.62	-61.58	-25.00	36.58	227	114	Vertical
3	10200.36	38.52	-42.14	38.68	-60.19	-25.00	35.19	149	360	Vertical
4	12750.45	37.24	-39.29	38.75	-58.56	-25.00	33.56	207	96	Vertical
5	15300.54	35.67	-37.91	39.53	-57.97	-25.00	32.97	288	318	Vertical
6	17850.63	35.09	-36.92	44.35	-52.74	-25.00	27.74	165	18	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5100.18	43.22	-47.82	31.74	-68.12	-25.00	43.12	217	239	Horizontal
2	7650.27	42.17	-44.89	36.62	-61.36	-25.00	36.36	189	305	Horizontal
3	10200.36	38.22	-42.14	38.68	-60.49	-25.00	35.49	266	24	Horizontal
4	12750.45	36.80	-39.29	38.75	-59.00	-25.00	34.00	205	305	Horizontal
5	15300.54	35.58	-37.91	39.53	-58.06	-25.00	33.06	187	341	Horizontal
6	17850.63	34.93	-36.92	44.35	-52.90	-25.00	27.90	256	119	Horizontal



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Test Band = NR\_Band 41\_Ant 2TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4016	46.02	-48.16	29.43	-67.97	-25.00	42.97	238	48	Vertical
2	5190.18	44.22	-47.88	31.96	-66.97	-25.00	41.97	274	274	Vertical
3	7785.27	42.13	-44.95	36.46	-61.63	-25.00	36.63	145	250	Vertical
4	10380.36	38.24	-41.22	38.84	-59.40	-25.00	34.40	166	297	Vertical
5	12975.45	36.78	-39.40	38.61	-59.27	-25.00	34.27	206	232	Vertical
6	15570.54	35.56	-37.75	39.02	-58.44	-25.00	33.44	254	267	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4043	45.61	-48.13	29.48	-68.30	-25.00	43.30	258	276	Horizontal
2	5190.18	43.83	-47.88	31.96	-67.36	-25.00	42.36	286	35	Horizontal
3	7785.27	41.77	-44.95	36.46	-61.99	-25.00	36.99	229	305	Horizontal
4	10380.36	38.75	-41.22	38.84	-58.89	-25.00	33.89	185	120	Horizontal
5	12975.45	36.99	-39.40	38.61	-59.06	-25.00	34.06	234	12	Horizontal
6	15570.54	35.11	-37.75	39.02	-58.89	-25.00	33.89	125	270	Horizontal



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Test Band = NR\_Band 41\_Ant 3TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	43.21	-48.01	31.51	-68.55	-25.00	43.55	284	222	Vertical
2	7503.3	41.84	-46.11	36.80	-62.74	-25.00	37.74	196	216	Vertical
3	10004.4	39.04	-41.71	38.50	-59.42	-25.00	34.42	234	35	Vertical
4	12505.5	35.65	-39.84	38.90	-60.55	-25.00	35.55	175	30	Vertical
5	15006.6	35.18	-38.03	40.09	-58.03	-25.00	33.03	166	270	Vertical
6	17507.7	35.06	-36.82	42.15	-54.87	-25.00	29.87	280	174	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	43.62	-48.01	31.51	-68.14	-25.00	43.14	192	197	Horizontal
2	7503.3	41.50	-46.11	36.80	-63.08	-25.00	38.08	176	96	Horizontal
3	10004.4	38.52	-41.71	38.50	-59.94	-25.00	34.94	234	83	Horizontal
4	12505.5	35.72	-39.84	38.90	-60.48	-25.00	35.48	185	360	Horizontal
5	15006.6	35.37	-38.03	40.09	-57.84	-25.00	32.84	162	65	Horizontal
6	17507.7	35.35	-36.82	42.15	-54.58	-25.00	29.58	224	59	Horizontal



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Test Band = NR\_Band 41\_Ant 3TM1  
 Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	42.82	-47.83	31.73	-68.54	-25.00	43.54	219	114	Vertical
2	7644.24	41.38	-44.85	36.63	-62.11	-25.00	37.11	186	173	Vertical
3	10192.32	38.36	-42.12	38.67	-60.35	-25.00	35.35	234	261	Vertical
4	12740.4	37.03	-39.28	38.76	-58.76	-25.00	33.76	175	60	Vertical
5	15288.48	35.65	-37.77	39.55	-57.83	-25.00	32.83	165	144	Vertical
6	17836.56	34.21	-37.06	44.26	-53.85	-25.00	28.85	215	292	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	43.24	-47.83	31.73	-68.12	-25.00	43.12	247	292	Horizontal
2	7644.24	41.25	-44.85	36.63	-62.24	-25.00	37.24	188	77	Horizontal
3	10192.32	38.63	-42.12	38.67	-60.08	-25.00	35.08	146	316	Horizontal
4	12740.4	36.44	-39.28	38.76	-59.35	-25.00	34.35	235	138	Horizontal
5	15288.48	35.53	-37.77	39.55	-57.95	-25.00	32.95	142	292	Horizontal
6	17836.56	35.05	-37.06	44.26	-53.01	-25.00	28.01	196	310	Horizontal



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Test Band = NR\_Band 41\_Ant 3TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3945	46.17	-48.24	29.32	-68.01	-25.00	43.01	259	29	Vertical
2	5190.18	44.01	-47.88	31.96	-67.18	-25.00	42.18	186	304	Vertical
3	7785.27	42.00	-44.95	36.46	-61.76	-25.00	36.76	235	298	Vertical
4	10380.36	38.06	-41.22	38.84	-59.58	-25.00	34.58	174	84	Vertical
5	12975.45	36.57	-39.40	38.61	-59.48	-25.00	34.48	114	221	Vertical
6	15570.54	35.10	-37.75	39.02	-58.90	-25.00	33.90	231	227	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3706.5	47.03	-48.49	28.99	-67.73	-25.00	42.73	244	67	Horizontal
2	5190.18	43.45	-47.88	31.96	-67.74	-25.00	42.74	196	359	Horizontal
3	7785.27	41.37	-44.95	36.46	-62.39	-25.00	37.39	235	359	Horizontal
4	10380.36	38.34	-41.22	38.84	-59.30	-25.00	34.30	185	47	Horizontal
5	12975.45	36.59	-39.40	38.61	-59.46	-25.00	34.46	174	335	Horizontal
6	15570.54	34.83	-37.75	39.02	-59.17	-25.00	34.17	165	286	Horizontal



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Test Band = NR\_Band 41\_Ant 4TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5010.18	43.82	-47.99	31.53	-67.90	-25.00	42.90	128	313	Vertical
2	7515.27	42.03	-45.92	36.78	-62.37	-25.00	37.37	246	67	Vertical
3	10020.36	38.26	-41.73	38.52	-60.22	-25.00	35.22	139	42	Vertical
4	12525.45	35.99	-39.66	38.88	-60.05	-25.00	35.05	275	313	Vertical
5	15030.54	34.82	-38.14	40.04	-58.54	-25.00	33.54	165	1	Vertical
6	17535.63	35.12	-36.82	42.33	-54.63	-25.00	29.63	244	103	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5010.18	43.96	-47.99	31.53	-67.76	-25.00	42.76	196	230	Horizontal
2	7515.27	41.18	-45.92	36.78	-63.22	-25.00	38.22	238	359	Horizontal
3	10020.36	38.35	-41.73	38.52	-60.13	-25.00	35.13	124	84	Horizontal
4	12525.45	36.46	-39.66	38.88	-59.58	-25.00	34.58	175	61	Horizontal
5	15030.54	35.18	-38.14	40.04	-58.18	-25.00	33.18	168	358	Horizontal
6	17535.63	35.24	-36.82	42.33	-54.51	-25.00	29.51	193	260	Horizontal



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Test Band = NR\_Band 41\_Ant 4TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7632.5	46.73	-44.78	36.64	-56.67	-25.00	31.67	142	336	Vertical
2	5100.18	43.45	-47.82	31.74	-67.89	-25.00	42.89	203	284	Vertical
3	10200.36	38.15	-42.14	38.68	-60.56	-25.00	35.56	297	302	Vertical
4	12750.45	36.60	-39.29	38.75	-59.20	-25.00	34.20	186	204	Vertical
5	15300.54	35.84	-37.91	39.53	-57.80	-25.00	32.80	246	137	Vertical
6	17850.63	34.79	-36.92	44.35	-53.04	-25.00	28.04	203	290	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7632	49.78	-44.77	36.64	-53.61	-25.00	28.61	289	65	Horizontal
2	5100.18	43.68	-47.82	31.74	-67.66	-25.00	42.66	178	18	Horizontal
3	10200.36	38.24	-42.14	38.68	-60.47	-25.00	35.47	155	65	Horizontal
4	12750.45	37.31	-39.29	38.75	-58.49	-25.00	33.49	166	148	Horizontal
5	15300.54	35.86	-37.91	39.53	-57.78	-25.00	32.78	239	360	Horizontal
6	17850.63	34.80	-36.92	44.35	-53.03	-25.00	28.03	216	117	Horizontal



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Test Band = NR\_Band 41\_Ant 4TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4427	45.69	-48.07	30.17	-67.48	-25.00	42.48	259	235	Vertical
2	7773	50.04	-44.99	36.47	-53.74	-25.00	28.74	184	345	Vertical
3	5190.18	43.54	-47.88	31.96	-67.65	-25.00	42.65	176	61	Vertical
4	10380.36	38.09	-41.22	38.84	-59.55	-25.00	34.55	233	253	Vertical
5	12975.45	36.60	-39.40	38.61	-59.45	-25.00	34.45	185	288	Vertical
6	15570.54	34.97	-37.75	39.02	-59.03	-25.00	34.03	149	355	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4379	45.75	-48.04	30.08	-67.47	-25.00	42.47	289	119	Horizontal
2	7773	51.60	-44.99	36.47	-52.18	-25.00	27.18	176	29	Horizontal
3	5190.18	43.95	-47.88	31.96	-67.24	-25.00	42.24	235	245	Horizontal
4	10380.36	37.84	-41.22	38.84	-59.80	-25.00	34.80	184	251	Horizontal
5	12975.45	36.73	-39.40	38.61	-59.32	-25.00	34.32	175	71	Horizontal
6	15570.54	35.04	-37.75	39.02	-58.96	-25.00	33.96	209	239	Horizontal



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Test Band = NR\_Band 41\_Ant 5TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5010.18	45.10	-47.99	31.53	-66.62	-25.00	41.62	178	320	Vertical
2	7515.27	41.95	-45.92	36.78	-62.45	-25.00	37.45	295	74	Vertical
3	10020.36	38.96	-41.73	38.52	-59.52	-25.00	34.52	166	134	Vertical
4	12525.45	36.94	-39.66	38.88	-59.10	-25.00	34.10	235	360	Vertical
5	15030.54	35.46	-38.14	40.04	-57.90	-25.00	32.90	142	235	Vertical
6	17535.63	35.71	-36.82	42.33	-54.04	-25.00	29.04	185	6	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5010.18	44.29	-47.99	31.53	-67.43	-25.00	42.43	255	282	Horizontal
2	7515.27	42.16	-45.92	36.78	-62.24	-25.00	37.24	265	144	Horizontal
3	10020.36	39.22	-41.73	38.52	-59.26	-25.00	34.26	185	210	Horizontal
4	12525.45	36.61	-39.66	38.88	-59.43	-25.00	34.43	142	258	Horizontal
5	15030.54	36.30	-38.14	40.04	-57.06	-25.00	32.06	136	288	Horizontal
6	17535.63	35.32	-36.82	42.33	-54.43	-25.00	29.43	299	100	Horizontal



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Test Band = NR\_Band 41\_Ant 5TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4042.5	45.86	-48.13	29.48	-68.05	-25.00	43.05	254	48	Vertical
2	5100.18	43.38	-47.82	31.74	-67.96	-25.00	42.96	176	360	Vertical
3	7650.27	41.58	-44.89	36.62	-61.95	-25.00	36.95	234	299	Vertical
4	10200.36	38.59	-42.14	38.68	-60.12	-25.00	35.12	185	161	Vertical
5	12750.45	37.50	-39.29	38.75	-58.30	-25.00	33.30	121	48	Vertical
6	15300.54	35.63	-37.91	39.53	-58.01	-25.00	33.01	168	294	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5100.18	43.90	-47.82	31.74	-67.44	-25.00	42.44	286	275	Horizontal
2	7650.27	41.44	-44.89	36.62	-62.09	-25.00	37.09	174	78	Horizontal
3	10200.36	38.76	-42.14	38.68	-59.95	-25.00	34.95	263	360	Horizontal
4	12750.45	37.09	-39.29	38.75	-58.71	-25.00	33.71	284	342	Horizontal
5	15300.54	35.89	-37.91	39.53	-57.75	-25.00	32.75	175	249	Horizontal
6	17850.63	35.65	-36.92	44.35	-52.18	-25.00	27.18	209	293	Horizontal



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Test Band = NR\_Band 41\_Ant 5TM1  
 Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4319	45.46	-47.84	29.97	-67.67	-25.00	42.67	208	160	Vertical
2	5190.18	44.16	-47.88	31.96	-67.03	-25.00	42.03	199	123	Vertical
3	7785.27	42.16	-44.95	36.46	-61.60	-25.00	36.60	175	111	Vertical
4	10380.36	39.16	-41.22	38.84	-58.48	-25.00	33.48	165	240	Vertical
5	12975.45	37.40	-39.40	38.61	-58.65	-25.00	33.65	237	215	Vertical
6	15570.54	36.00	-37.75	39.02	-58.00	-25.00	33.00	185	166	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4362.5	45.68	-47.99	30.05	-67.51	-25.00	42.51	125	17	Horizontal
2	5190.18	44.00	-47.88	31.96	-67.19	-25.00	42.19	248	360	Horizontal
3	7785.27	41.89	-44.95	36.46	-61.87	-25.00	36.87	179	178	Horizontal
4	10380.36	38.92	-41.22	38.84	-58.72	-25.00	33.72	235	308	Horizontal
5	12975.45	37.23	-39.40	38.61	-58.82	-25.00	33.82	162	99	Horizontal
6	15570.54	35.57	-37.75	39.02	-58.43	-25.00	33.43	142	147	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 2TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	44.42	-48.40	28.66	-70.58	-25.00	45.58	273	108	Vertical
2	5010.18	44.48	-47.99	31.53	-67.24	-25.00	42.24	196	270	Vertical
3	7515.27	41.97	-45.92	36.78	-62.43	-25.00	37.43	245	179	Vertical
4	10020.36	39.23	-41.73	38.52	-59.25	-25.00	34.25	201	356	Vertical
5	12525.45	35.57	-39.66	38.88	-60.47	-25.00	35.47	133	360	Vertical
6	15030.54	35.19	-38.14	40.04	-58.17	-25.00	33.17	155	356	Vertical

Final 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	44.66	-48.40	28.66	-70.34	-25.00	45.34	214	106	Horizontal
2	5010.18	44.28	-47.99	31.53	-67.44	-25.00	42.44	189	215	Horizontal
3	7515.27	41.55	-45.92	36.78	-62.85	-25.00	37.85	253	65	Horizontal
4	10020.36	40.46	-41.73	38.52	-58.02	-25.00	33.02	124	215	Horizontal
5	12525.45	35.71	-39.66	38.88	-60.33	-25.00	35.33	168	23	Horizontal
6	15030.54	35.44	-38.14	40.04	-57.92	-25.00	32.92	298	238	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 2TM1  
 Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	44.91	-48.34	28.68	-70.01	-25.00	45.01	283	156	Vertical
2	5100.18	43.15	-47.82	31.74	-68.19	-25.00	43.19	167	225	Vertical
3	7650.27	42.20	-44.89	36.62	-61.33	-25.00	36.33	123	132	Vertical
4	10200.36	38.39	-42.14	38.68	-60.32	-25.00	35.32	126	150	Vertical
5	12750.45	36.80	-39.29	38.75	-59.00	-25.00	34.00	254	132	Vertical
6	15300.54	36.56	-37.91	39.53	-57.08	-25.00	32.08	185	291	Vertical

Final 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	44.39	-48.34	28.68	-70.53	-25.00	45.53	219	294	Horizontal
2	5100.18	43.83	-47.82	31.74	-67.51	-25.00	42.51	256	175	Horizontal
3	7650.27	42.07	-44.89	36.62	-61.46	-25.00	36.46	234	306	Horizontal
4	10200.36	38.55	-42.14	38.68	-60.16	-25.00	35.16	188	12	Horizontal
5	12750.45	36.82	-39.29	38.75	-58.98	-25.00	33.98	241	222	Horizontal
6	15300.54	36.40	-37.91	39.53	-57.24	-25.00	32.24	165	228	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 2TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	43.75	-48.29	28.71	-71.09	-25.00	46.09	214	335	Vertical
2	5190.18	44.03	-47.88	31.96	-67.16	-25.00	42.16	152	244	Vertical
3	7785.27	41.66	-44.95	36.46	-62.10	-25.00	37.10	133	353	Vertical
4	10380.36	38.07	-41.22	38.84	-59.57	-25.00	34.57	217	275	Vertical
5	12975.45	36.63	-39.40	38.61	-59.42	-25.00	34.42	288	56	Vertical
6	15570.54	35.34	-37.75	39.02	-58.66	-25.00	33.66	216	244	Vertical

Final 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	44.84	-48.29	28.71	-70.00	-25.00	45.00	121	90	Horizontal
2	5190.18	44.13	-47.88	31.96	-67.06	-25.00	42.06	205	6	Horizontal
3	7785.27	41.85	-44.95	36.46	-61.91	-25.00	36.91	135	48	Horizontal
4	10380.36	39.49	-41.22	38.84	-58.15	-25.00	33.15	266	18	Horizontal
5	12975.45	36.27	-39.40	38.61	-59.78	-25.00	34.78	142	308	Horizontal
6	15570.54	36.11	-37.75	39.02	-57.89	-25.00	32.89	289	314	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 3TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.68	31.37	-25.47	25.30	-64.06	-25.00	39.06	217	54	Vertical
2	2474.52	31.62	-24.72	27.27	-61.09	-25.00	36.09	184	335	Vertical
3	3299.36	45.40	-48.03	28.62	-69.27	-25.00	44.27	295	49	Vertical
4	5010.18	44.08	-47.99	31.53	-67.64	-25.00	42.64	231	303	Vertical
5	7515.27	41.09	-45.92	36.78	-63.31	-25.00	38.31	146	174	Vertical
6	10020.36	38.25	-41.73	38.52	-60.23	-25.00	35.23	287	31	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.68	31.39	-25.47	25.30	-64.04	-25.00	39.04	188	323	Horizontal
2	2474.52	31.35	-24.72	27.27	-61.36	-25.00	36.36	249	100	Horizontal
3	3299.36	44.36	-48.03	28.62	-70.31	-25.00	45.31	163	202	Horizontal
4	5010.18	43.52	-47.99	31.53	-68.20	-25.00	43.20	214	268	Horizontal
5	7515.27	40.69	-45.92	36.78	-63.71	-25.00	38.71	141	137	Horizontal
6	10020.36	38.74	-41.73	38.52	-59.74	-25.00	34.74	247	220	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 3TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1659.68	31.92	-25.45	25.34	-63.45	-25.00	38.45	259	6	Vertical
2	2489.52	31.90	-24.64	27.29	-60.71	-25.00	35.71	186	359	Vertical
3	3319.36	44.43	-48.10	28.63	-70.31	-25.00	45.31	234	329	Vertical
4	5100.18	43.41	-47.82	31.74	-67.93	-25.00	42.93	176	197	Vertical
5	7650.27	41.91	-44.89	36.62	-61.62	-25.00	36.62	245	138	Vertical
6	10200.36	38.26	-42.14	38.68	-60.45	-25.00	35.45	132	323	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1659.68	31.48	-25.45	25.34	-63.89	-25.00	38.89	295	0	Horizontal
2	2489.52	31.37	-24.64	27.29	-61.24	-25.00	36.24	174	28	Horizontal
3	3319.36	44.61	-48.10	28.63	-70.13	-25.00	45.13	163	360	Horizontal
4	5100.18	43.99	-47.82	31.74	-67.35	-25.00	42.35	224	36	Horizontal
5	7650.27	41.74	-44.89	36.62	-61.79	-25.00	36.79	152	36	Horizontal
6	10200.36	38.49	-42.14	38.68	-60.22	-25.00	35.22	162	96	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 3TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1669.68	31.66	-25.43	25.38	-63.65	-25.00	38.65	288	41	Vertical
2	2504.52	31.71	-24.56	27.31	-60.80	-25.00	35.80	149	340	Vertical
3	3339.36	45.18	-48.18	28.64	-69.62	-25.00	44.62	235	360	Vertical
4	5190.18	43.68	-47.88	31.96	-67.51	-25.00	42.51	164	132	Vertical
5	7785.27	42.24	-44.95	36.46	-61.52	-25.00	36.52	244	102	Vertical
6	10380.36	37.85	-41.22	38.84	-59.79	-25.00	34.79	175	120	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1669.68	31.61	-25.43	25.38	-63.70	-25.00	38.70	259	185	Horizontal
2	2504.52	31.43	-24.56	27.31	-61.08	-25.00	36.08	224	92	Horizontal
3	3339.36	44.54	-48.18	28.64	-70.26	-25.00	45.26	175	100	Horizontal
4	5190.18	43.60	-47.88	31.96	-67.59	-25.00	42.59	163	360	Horizontal
5	7785.27	42.18	-44.95	36.46	-61.58	-25.00	36.58	288	105	Horizontal
6	10380.36	38.37	-41.22	38.84	-59.27	-25.00	34.27	145	22	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 4TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7491	48.26	-46.17	36.78	-56.39	-25.00	31.39	277	90	Vertical
2	3404.18	44.10	-48.40	28.66	-70.90	-25.00	45.90	146	108	Vertical
3	5010.18	43.94	-47.99	31.53	-67.78	-25.00	42.78	238	168	Vertical
4	10020.36	39.27	-41.73	38.52	-59.21	-25.00	34.21	175	228	Vertical
5	12525.45	36.36	-39.66	38.88	-59.68	-25.00	34.68	196	342	Vertical
6	15030.54	35.23	-38.14	40.04	-58.13	-25.00	33.13	224	348	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7491	49.37	-46.17	36.78	-55.28	-25.00	30.28	194	66	Horizontal
2	3404.18	43.76	-48.40	28.66	-71.24	-25.00	46.24	206	66	Horizontal
3	5010.18	44.48	-47.99	31.53	-67.24	-25.00	42.24	247	120	Horizontal
4	10020.36	39.17	-41.73	38.52	-59.31	-25.00	34.31	186	349	Horizontal
5	12525.45	36.68	-39.66	38.88	-59.36	-25.00	34.36	211	72	Horizontal
6	15030.54	36.37	-38.14	40.04	-56.99	-25.00	31.99	135	343	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 4TM1  
 Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7632	49.91	-44.77	36.64	-53.48	-25.00	28.48	219	66	Vertical
2	3454.18	44.72	-48.34	28.68	-70.20	-25.00	45.20	188	265	Vertical
3	5100.18	43.71	-47.82	31.74	-67.63	-25.00	42.63	176	114	Vertical
4	10200.36	38.17	-42.14	38.68	-60.54	-25.00	35.54	234	78	Vertical
5	12750.45	36.28	-39.29	38.75	-59.52	-25.00	34.52	185	360	Vertical
6	15300.54	35.81	-37.91	39.53	-57.83	-25.00	32.83	140	108	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5088	46.95	-47.84	31.71	-64.44	-25.00	39.44	132	206	Horizontal
2	7632	50.11	-44.77	36.64	-53.28	-25.00	28.28	284	86	Horizontal
3	3454.18	44.51	-48.34	28.68	-70.41	-25.00	45.41	165	42	Horizontal
4	10200.36	37.99	-42.14	38.68	-60.72	-25.00	35.72	296	133	Horizontal
5	12750.45	37.48	-39.29	38.75	-58.32	-25.00	33.32	207	360	Horizontal
6	15300.54	35.46	-37.91	39.53	-58.18	-25.00	33.18	162	360	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 4TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7773	49.92	-44.99	36.47	-53.86	-25.00	28.86	195	344	Vertical
2	3504.18	44.44	-48.29	28.71	-70.40	-25.00	45.40	161	179	Vertical
3	5190.18	43.95	-47.88	31.96	-67.24	-25.00	42.24	208	99	Vertical
4	10380.36	38.52	-41.22	38.84	-59.12	-25.00	34.12	307	253	Vertical
5	12975.45	37.17	-39.40	38.61	-58.88	-25.00	33.88	146	360	Vertical
6	15570.54	35.74	-37.75	39.02	-58.26	-25.00	33.26	284	289	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7773	50.26	-44.99	36.47	-53.52	-25.00	28.52	231	18	Horizontal
2	3504.18	44.79	-48.29	28.71	-70.05	-25.00	45.05	129	239	Horizontal
3	5190.18	44.46	-47.88	31.96	-66.73	-25.00	41.73	268	293	Horizontal
4	10380.36	38.78	-41.22	38.84	-58.86	-25.00	33.86	241	1	Horizontal
5	12975.45	36.12	-39.40	38.61	-59.93	-25.00	34.93	155	293	Horizontal
6	15570.54	34.82	-37.75	39.02	-59.18	-25.00	34.18	163	191	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 5TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	44.67	-48.40	28.66	-70.33	-25.00	45.33	217	184	Vertical
2	5010.18	44.29	-47.99	31.53	-67.43	-25.00	42.43	195	111	Vertical
3	7515.27	42.09	-45.92	36.78	-62.31	-25.00	37.31	263	69	Vertical
4	10020.36	39.11	-41.73	38.52	-59.37	-25.00	34.37	278	25	Vertical
5	12525.45	36.92	-39.66	38.88	-59.12	-25.00	34.12	146	184	Vertical
6	15030.54	35.35	-38.14	40.04	-58.01	-25.00	33.01	201	221	Vertical

Final 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	44.65	-48.40	28.66	-70.35	-25.00	45.35	122	211	Horizontal
2	5010.18	44.28	-47.99	31.53	-67.44	-25.00	42.44	174	84	Horizontal
3	7515.27	42.35	-45.92	36.78	-62.05	-25.00	37.05	185	72	Horizontal
4	10020.36	38.60	-41.73	38.52	-59.88	-25.00	34.88	246	360	Horizontal
5	12525.45	36.68	-39.66	38.88	-59.36	-25.00	34.36	135	254	Horizontal
6	15030.54	35.86	-38.14	40.04	-57.50	-25.00	32.50	248	235	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 5TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	44.84	-48.34	28.68	-70.08	-25.00	45.08	215	84	Vertical
2	5100.18	43.91	-47.82	31.74	-67.43	-25.00	42.43	198	90	Vertical
3	7650.27	41.73	-44.89	36.62	-61.80	-25.00	36.80	276	42	Vertical
4	10200.36	38.89	-42.14	38.68	-59.82	-25.00	34.82	233	327	Vertical
5	12750.45	37.05	-39.29	38.75	-58.75	-25.00	33.75	142	212	Vertical
6	15300.54	35.95	-37.91	39.53	-57.69	-25.00	32.69	176	290	Vertical

Final 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	45.66	-48.34	28.68	-69.26	-25.00	44.26	129	65	Horizontal
2	5100.18	43.84	-47.82	31.74	-67.50	-25.00	42.50	237	151	Horizontal
3	7650.27	42.72	-44.89	36.62	-60.81	-25.00	35.81	148	349	Horizontal
4	10200.36	38.43	-42.14	38.68	-60.28	-25.00	35.28	169	331	Horizontal
5	12750.45	37.21	-39.29	38.75	-58.59	-25.00	33.59	299	72	Horizontal
6	15300.54	35.92	-37.91	39.53	-57.72	-25.00	32.72	276	24	Horizontal



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Test Band = ENDC 66A\_n41A\_Ant 5TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	44.77	-48.29	28.71	-70.07	-25.00	45.07	258	1	Vertical
2	5190.18	44.54	-47.88	31.96	-66.65	-25.00	41.65	149	173	Vertical
3	7785.27	42.82	-44.95	36.46	-60.94	-25.00	35.94	235	136	Vertical
4	10380.36	38.59	-41.22	38.84	-59.05	-25.00	34.05	186	360	Vertical
5	12975.45	36.95	-39.40	38.61	-59.10	-25.00	34.10	244	319	Vertical
6	15570.54	35.66	-37.75	39.02	-58.34	-25.00	33.34	170	358	Vertical

Final 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	44.45	-48.29	28.71	-70.39	-25.00	45.39	167	217	Horizontal
2	5190.18	44.03	-47.88	31.96	-67.16	-25.00	42.16	284	30	Horizontal
3	7785.27	42.39	-44.95	36.46	-61.37	-25.00	36.37	155	326	Horizontal
4	10380.36	38.27	-41.22	38.84	-59.37	-25.00	34.37	263	253	Horizontal
5	12975.45	37.17	-39.40	38.61	-58.88	-25.00	33.88	298	36	Horizontal
6	15570.54	35.59	-37.75	39.02	-58.41	-25.00	33.41	144	121	Horizontal



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**Test on the worst case:**

**Test Band = 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]	Polarity
1	5002.2000	40.13	-45.63	31.41	-69.36	-25.00	44.36	Horizontal
2	7503.3000	37.72	-43.13	36.60	-64.07	-25.00	39.07	Horizontal
3	10004.4000	31.42	-39.23	38.20	-64.87	-25.00	39.87	Horizontal
4	12505.5000	25.91	-36.99	38.95	-67.39	-25.00	42.39	Horizontal
5	15006.6000	24.45	-34.65	41.29	-64.18	-25.00	39.18	Horizontal
6	17507.7000	27.00	-34.95	44.59	-58.62	-25.00	33.62	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2000	40.75	-45.63	31.41	-68.74	-25.00	43.74	Vertical
2	7503.3000	37.50	-43.13	36.60	-64.29	-25.00	39.29	Vertical
3	10004.4000	32.51	-39.23	38.20	-63.78	-25.00	38.78	Vertical
4	12505.5000	26.50	-36.99	38.95	-66.80	-25.00	41.80	Vertical
5	15006.6000	24.20	-34.65	41.29	-64.43	-25.00	39.43	Vertical
6	17507.7000	27.00	-34.95	44.59	-58.62	-25.00	33.62	Vertical



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Test Band = 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]	Polarity
1	5096.1600	39.47	-45.38	31.63	-69.54	-25.00	44.54	Horizontal
2	7644.2400	37.28	-43.01	36.66	-64.34	-25.00	39.34	Horizontal
3	10192.3200	30.57	-39.47	38.30	-65.87	-25.00	40.87	Horizontal
4	12740.4000	26.64	-36.74	39.02	-66.34	-25.00	41.34	Horizontal
5	15288.4800	24.37	-34.36	40.69	-64.56	-25.00	39.56	Horizontal
6	17836.5600	30.32	-34.59	46.07	-53.46	-25.00	28.46	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.1600	40.39	-45.38	31.63	-68.62	-25.00	43.62	Vertical
2	7644.2400	38.19	-43.01	36.66	-63.43	-25.00	38.43	Vertical
3	10192.3200	30.89	-39.47	38.30	-65.55	-25.00	40.55	Vertical
4	12740.4000	26.99	-36.74	39.02	-65.99	-25.00	40.99	Vertical
5	15288.4800	25.24	-34.36	40.69	-63.69	-25.00	38.69	Vertical
6	17836.5600	28.98	-34.59	46.07	-54.80	-25.00	29.80	Vertical



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Test Band = 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]	Polarity
1	3633.5	42.90	-45.92	28.73	-69.55	-25.00	44.55	Horizontal
2	5190.1800	40.62	-45.29	31.86	-68.07	-25.00	43.07	Horizontal
3	7785.2700	37.05	-42.43	36.71	-63.92	-25.00	38.92	Horizontal
4	10380.3600	31.01	-39.03	38.39	-64.89	-25.00	39.89	Horizontal
5	12975.4500	26.62	-37.28	39.09	-66.82	-25.00	41.82	Horizontal
6	15570.5400	24.20	-35.08	40.10	-66.04	-25.00	41.04	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3783	42.93	-45.85	28.88	-69.30	-25.00	44.30	Vertical
2	5190.1800	40.05	-45.29	31.86	-68.64	-25.00	43.64	Vertical
3	7785.2700	36.79	-42.43	36.71	-64.18	-25.00	39.18	Vertical
4	10380.3600	30.64	-39.03	38.39	-65.26	-25.00	40.26	Vertical
5	12975.4500	26.83	-37.28	39.09	-66.61	-25.00	41.61	Vertical
6	15570.5400	24.30	-35.08	40.10	-65.94	-25.00	40.94	Vertical



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Test Band = NSA 66A\_N41A\_TM1

Test Channel = Low ANT2

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2000	39.83	-45.63	31.41	-69.66	-25.00	44.66	Horizontal
2	7503.3000	37.98	-43.13	36.60	-63.81	-25.00	38.81	Horizontal
3	10004.4000	31.64	-39.23	38.20	-64.65	-25.00	39.65	Horizontal
4	12505.5000	26.27	-36.99	38.95	-67.03	-25.00	42.03	Horizontal
5	15006.6000	24.01	-34.65	41.29	-64.62	-25.00	39.62	Horizontal
6	17507.7000	26.41	-34.95	44.59	-59.21	-25.00	34.21	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.2000	40.79	-45.63	31.41	-68.70	-25.00	43.70	Vertical
2	7503.3000	38.76	-43.13	36.60	-63.03	-25.00	38.03	Vertical
3	10004.4000	31.58	-39.23	38.20	-64.71	-25.00	39.71	Vertical
4	12505.5000	26.56	-36.99	38.95	-66.74	-25.00	41.74	Vertical
5	15006.6000	23.92	-34.65	41.29	-64.71	-25.00	39.71	Vertical
6	17507.7000	27.05	-34.95	44.59	-58.57	-25.00	33.57	Vertical



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Test Band = NSA 66A\_N41A\_TM1

Test Channel = Mid ANT2

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.1600	39.86	-45.38	31.63	-69.15	-25.00	44.15	Horizontal
2	7644.2400	38.22	-43.01	36.66	-63.40	-25.00	38.40	Horizontal
3	10192.3200	31.05	-39.47	38.30	-65.39	-25.00	40.39	Horizontal
4	12740.4000	26.73	-36.74	39.02	-66.25	-25.00	41.25	Horizontal
5	15288.4800	24.39	-34.36	40.69	-64.54	-25.00	39.54	Horizontal
6	17836.5600	28.93	-34.59	46.07	-54.85	-25.00	29.85	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5096.1600	40.37	-45.38	31.63	-68.64	-25.00	43.64	Vertical
2	7644.2400	38.36	-43.01	36.66	-63.26	-25.00	38.26	Vertical
3	10192.3200	30.86	-39.47	38.30	-65.58	-25.00	40.58	Vertical
4	12740.4000	26.80	-36.74	39.02	-66.18	-25.00	41.18	Vertical
5	15288.4800	25.16	-34.36	40.69	-63.77	-25.00	38.77	Vertical
6	17836.5600	29.17	-34.59	46.07	-54.61	-25.00	29.61	Vertical



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Test Band = NSA 66A\_N41A\_TM1  
 Test Channel = High ANT2

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4006	42.71	-46.02	29.11	-69.46	-25.00	44.46	Horizontal
2	5190.1800	39.42	-45.29	31.86	-69.27	-25.00	44.27	Horizontal
3	7785.2700	37.25	-42.43	36.71	-63.72	-25.00	38.72	Horizontal
4	10380.3600	30.51	-39.03	38.39	-65.39	-25.00	40.39	Horizontal
5	12975.4500	26.55	-37.28	39.09	-66.89	-25.00	41.89	Horizontal
6	15570.5400	23.60	-35.08	40.10	-66.64	-25.00	41.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4021.5	42.84	-45.98	29.15	-69.25	-25.00	44.25	Vertical
2	5190.1800	39.72	-45.29	31.86	-68.97	-25.00	43.97	Vertical
3	7785.2700	37.75	-42.43	36.71	-63.22	-25.00	38.22	Vertical
4	10380.3600	31.49	-39.03	38.39	-64.41	-25.00	39.41	Vertical
5	12975.4500	26.56	-37.28	39.09	-66.88	-25.00	41.88	Vertical
6	15570.5400	23.96	-35.08	40.10	-66.28	-25.00	41.28	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-19.00	-0.01	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-27.20	-0.01	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-17.00	-0.01	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-61.80	-0.02	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-13.90	-0.01	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-36.80	-0.01	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-19.200000	-0.007405	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-21.100000	-0.008137	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-13.500000	-0.005206	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-16.700000	-0.006440	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-12.800000	-0.004936	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-18.200000	-0.007019	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-46.500000	-0.017933	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-17.300000	-0.006672	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-12.700000	-0.004898	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-16.100000	-0.006209	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-13.700000	-0.005283	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-19.500000	-0.007520	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-14.300000	-0.005515	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	37.400000	0.014424	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-11.700000	-0.004512	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-17.900000	-0.006903	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-18.700000	-0.007212	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-13.600000	-0.005245	PASS

---End of Attachment---



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