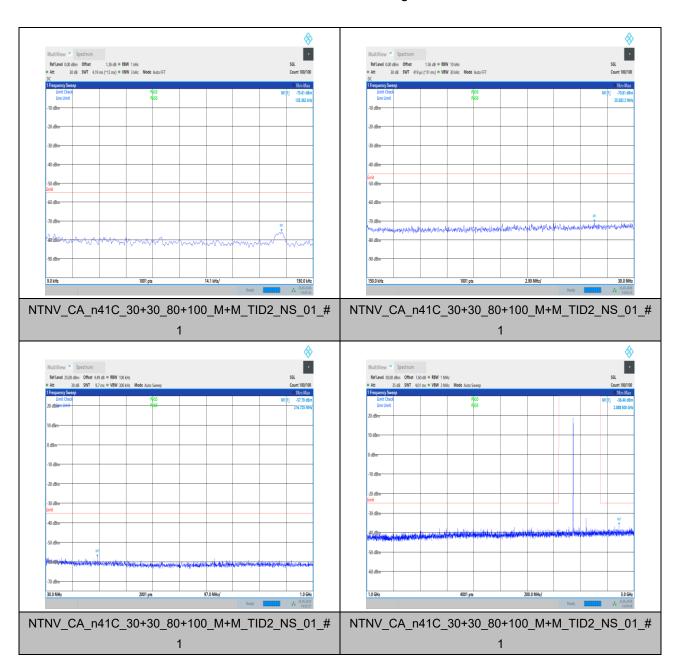


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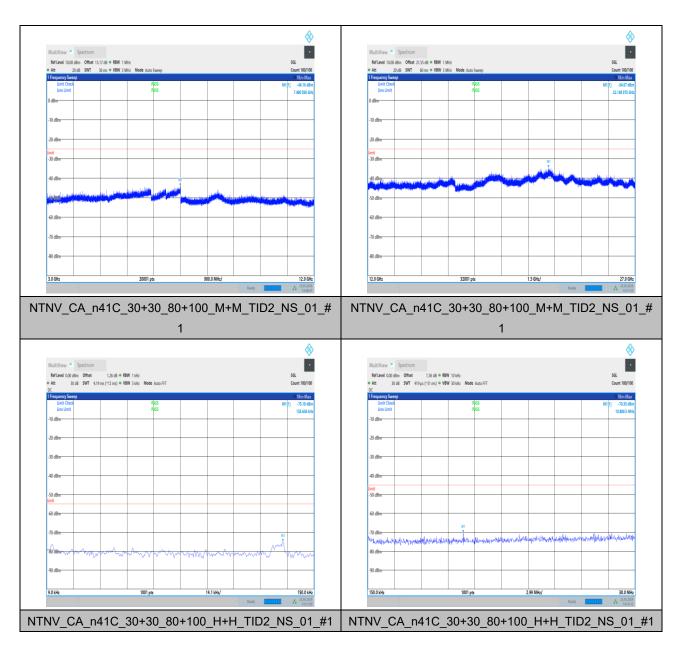
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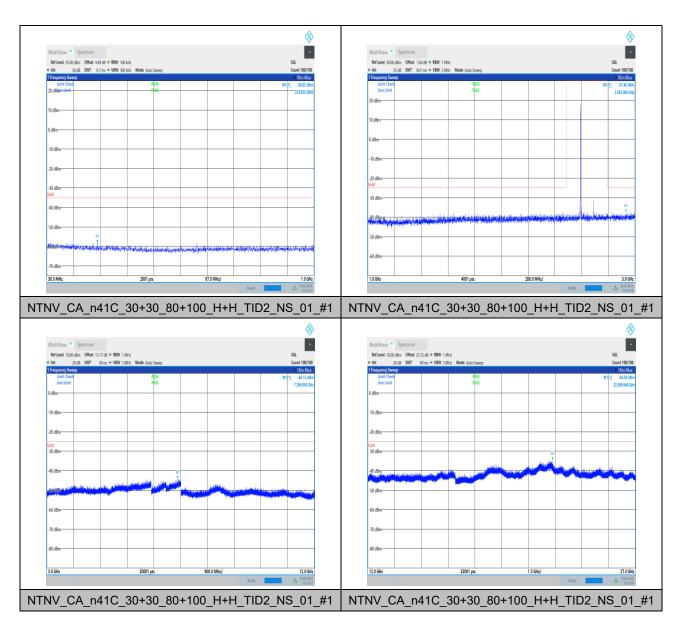
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Field Strength of Spurious Radiation

Test Band = NR CA n41C_ TM1 **Test Channel = Low Channel**

Final	Data List							
NO	Frequency	Reading	Factor	Λ Γ[-ID/]	Level	Limit	Margin	Delevite
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	4061.5	45.79	-48.11	29.51	-68.07	-25.00	43.07	Horizontal
2	5247	44.48	-47.84	32.09	-66.53	-25.00	41.53	Horizontal
3	6678	44.46	-46.66	34.89	-62.57	-25.00	37.57	Horizontal
4	8386	41.81	-44.17	36.74	-60.88	-25.00	35.88	Horizontal
5	9359.5	41.45	-42.98	37.92	-58.87	-25.00	33.87	Horizontal
6	14728.5	36.23	-36.73	40.32	-55.44	-25.00	30.44	Horizontal

Final	l Data List							
NO	Frequency	Reading	Factor	AF[dD/m]	Level	Limit	Margin	Delerity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3540	46.78	-48.29	28.76	-68.01	-25.00	43.01	Vertical
2	4589	45.33	-48.00	30.51	-67.41	-25.00	42.41	Vertical
3	6388	43.90	-46.98	34.12	-64.22	-25.00	39.22	Vertical
4	7658	42.71	-44.94	36.61	-60.88	-25.00	35.88	Vertical
5	10520.5	38.65	-40.77	38.97	-58.41	-25.00	33.41	Vertical
6	14781.5	36.34	-36.82	40.27	-55.46	-25.00	30.46	Vertical



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Test Band = NR CA n41C_ TM1 Test Channel = Mid Channel

Final	Data List							
NO.	Frequency	Reading	Factor	VE[qD/m]	Level	Limit	Margin	Polarity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polanty
1	3423	45.42	-48.38	28.67	-69.55	-25.00	44.55	Horizontal
2	4709.5	48.27	-47.96	30.80	-64.15	-25.00	39.15	Horizontal
3	6686.5	44.07	-46.62	34.91	-62.90	-25.00	37.90	Horizontal
4	7650.5	43.27	-44.89	36.62	-60.26	-25.00	35.26	Horizontal
5	11508	38.72	-40.04	39.30	-57.28	-25.00	32.28	Horizontal
6	14797.5	36.32	-36.85	40.26	-55.52	-25.00	30.52	Horizontal

Final	l Data List							
NO.	Frequency	Reading	Factor	AF[dD/m]	Level	Limit	Margin	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3482.5	46.02	-48.31	28.69	-68.86	-25.00	43.86	Vertical
2	4640	44.86	-47.98	30.64	-67.75	-25.00	42.75	Vertical
3	6056	44.37	-47.43	32.99	-65.33	-25.00	40.33	Vertical
4	7789.5	42.97	-44.94	36.45	-60.78	-25.00	35.78	Vertical
5	9318	41.63	-42.91	37.89	-58.65	-25.00	33.65	Vertical
6	14787	36.01	-36.83	40.27	-55.81	-25.00	30.81	Vertical



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Test Band = NR CA n41C_ TM1 Test Channel = High Channel

Final	Data List							
NO.	Frequency	Reading	Factor	AF[dD/m]	Level	Limit	Margin	Delevity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3745	45.88	-48.36	29.04	-68.70	-25.00	43.70	Horizontal
2	5705.5	44.69	-47.50	32.74	-65.33	-25.00	40.33	Horizontal
3	8535	41.49	-44.17	36.95	-60.99	-25.00	35.99	Horizontal
4	9525	40.77	-42.34	38.07	-58.76	-25.00	33.76	Horizontal
5	12076	38.54	-39.58	39.15	-57.15	-25.00	32.15	Horizontal
6	14786	36.20	-36.83	40.27	-55.62	-25.00	30.62	Horizontal

Final	Data List							
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3742.5	45.50	-48.37	29.04	-69.09	-25.00	44.09	Vertical
2	4615.5	44.96	-47.99	30.58	-67.72	-25.00	42.72	Vertical
3	6685	43.98	-46.63	34.91	-63.00	-25.00	38.00	Vertical
4	8831.5	41.51	-44.00	37.36	-60.39	-25.00	35.39	Vertical
5	11411.5	38.93	-40.08	39.32	-57.09	-25.00	32.09	Vertical
6	14747.5	36.13	-36.76	40.30	-55.59	-25.00	30.59	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit - Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	VH	NT	-1.500000	- 0.000536	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	VN	NT	-0.80000	- 0.000062	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	VL	NT	-1.300000	- 0.000352	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	VH	NT	-1.500000	- 0.000651	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	VN	NT	-1.100000	- 0.000423	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	VL	NT	-7.800000	- 0.002815	PASS



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Frequency Error VS. Temperature

Band	scs	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	-30	-0.600000	- 0.000164	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	-20	-0.900000	- 0.000044	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	-10	-1.500000	- 0.000352	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	0	-2.600000	- 0.000865	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	10	-0.900000	- 0.000162	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	20	0.800000	0.000153	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	30	-1.900000	- 0.000263	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	40	2.500000	0.000795	PASS
N41C	30	80+100	DFT- PI2BPSK	М	Outer_Full	NV	50	0.600000	0.000251	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	-30	-7.200000	-0.00367	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	-20	2.600000	0.000564	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	-10	-2.100000	- 0.000368	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	0	-1.600000	- 0.000374	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	10	-7.600000	- 0.002651	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	20	-2.300000	- 0.001125	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	30	-7.600000	- 0.002487	PASS
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	40	-1.500000	-	PASS



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									0.000642	
N41C	30	80+100	CP-QPSK	М	Outer_Full	NV	50	1.300000	0.000265	PASS

---End of Attachment---



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