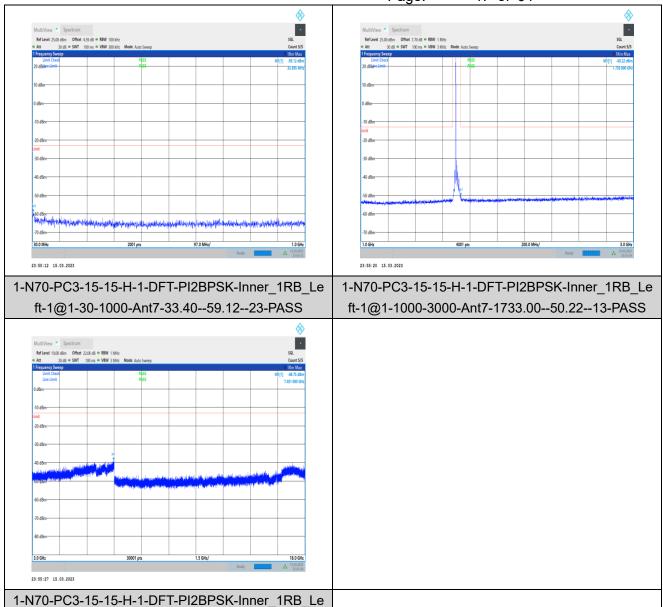


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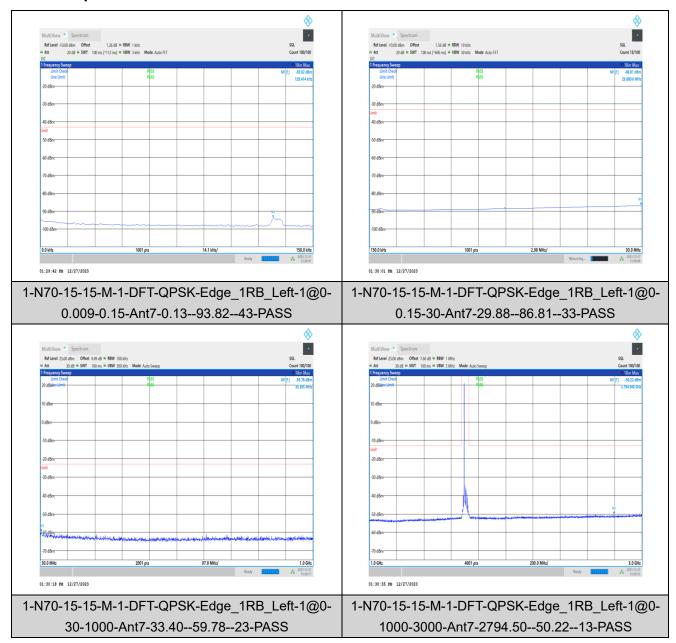
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#### **Conducted Spurious Emission for MIMO ANT7**

#### **Test Graphs**





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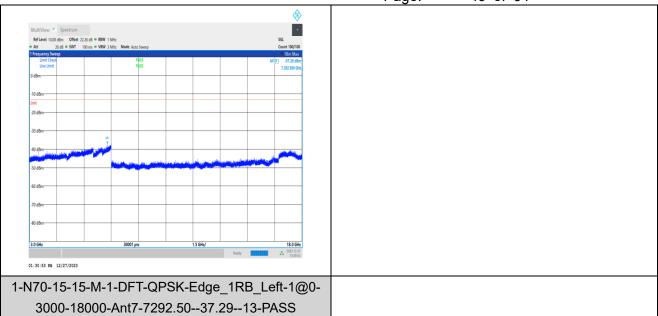
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### **Field Strength of Spurious Radiation**

Test Band = SA Band70\_15MHz \_ TM1
Test Channel = Low

Final	Data List									
NO	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3971.25	42.58	-46.11	30.73	-68.06	-13.00	55.06	247	303	Horizontal
2	4843.5	43.28	-45.54	32.44	-65.07	-13.00	52.07	142	19	Horizontal
3	6192.75	40.93	-44.74	34.20	-64.87	-13.00	51.87	136	182	Horizontal
4	7205.25	40.12	-43.44	36.60	-61.98	-13.00	48.98	259	317	Horizontal
5	9434.25	36.85	-39.97	38.48	-59.90	-13.00	46.90	155	0	Horizontal
6	11212.5	33.44	-37.39	39.11	-60.10	-13.00	47.10	160	0	Horizontal

Fina	Final Data List												
NO	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Dolority			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	3788.25	42.42	-45.87	30.29	-68.42	-13.00	55.42	255	243	Vertical			
2	4600.5	42.23	-45.67	31.71	-66.99	-13.00	53.99	174	0	Vertical			
3	5999.25	41.37	-44.83	34.13	-64.59	-13.00	51.59	146	9	Vertical			
4	7246.5	40.11	-43.57	36.57	-62.15	-13.00	49.15	198	257	Vertical			
5	9862.5	35.12	-39.39	38.30	-61.22	-13.00	48.22	186	317	Vertical			
6	11451	32.62	-37.34	39.05	-60.93	-13.00	47.93	253	151	Vertical			



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# Test Band = SA Band70\_15MHz \_ TM1 Test Channel = Mid

Final	Data List									
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Delerity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3958.5	42.45	-46.14	30.70	-68.25	-13.00	55.25	211	300	Horizontal
2	5100	41.17	-45.37	32.94	-66.53	-13.00	53.53	154	61	Horizontal
3	6069.75	41.18	-44.56	34.15	-64.49	-13.00	51.49	169	181	Horizontal
4	7047.75	40.48	-43.87	36.20	-62.44	-13.00	49.44	125	195	Horizontal
5	9407.25	36.27	-39.86	38.49	-60.36	-13.00	47.36	183	61	Horizontal
6	11238	33.40	-37.40	39.11	-60.15	-13.00	47.15	217	8	Horizontal

Final	Data List									
NO	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Delerity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3669	42.00	-45.70	29.86	-69.10	-13.00	56.10	126	135	Vertical
2	4843.5	44.74	-45.54	32.44	-63.61	-13.00	50.61	231	212	Vertical
3	6172.5	40.92	-44.67	34.19	-64.82	-13.00	51.82	148	286	Vertical
4	7433.25	40.75	-43.32	36.47	-61.36	-13.00	48.36	192	8	Vertical
5	9665.25	35.74	-39.52	38.37	-60.67	-13.00	47.67	140	0	Vertical
6	11597.25	31.91	-36.91	38.89	-61.37	-13.00	48.37	120	8	Vertical



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#### Test Band = SA Band70\_15MHz \_ TM1 Test Channel = High

Final	Data List									
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	4584	42.19	-45.68	31.69	-67.05	-13.00	54.05	218	196	Horizontal
2	5759.25	40.89	-44.79	33.60	-65.56	-13.00	52.56	146	242	Horizontal
3	6825	40.76	-44.15	35.87	-62.78	-13.00	49.78	299	242	Horizontal
4	8796.75	37.83	-41.26	38.07	-60.62	-13.00	47.62	174	0	Horizontal
5	12930.75	32.35	-37.18	39.76	-60.33	-13.00	47.33	152	108	Horizontal
6	13368	31.38	-36.49	40.11	-60.26	-13.00	47.26	143	47	Horizontal

Final	Data List									
NO	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Height	Angle	Delevity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3745.5	42.31	-45.69	30.13	-68.51	-13.00	55.51	255	286	Vertical
2	5881.5	41.39	-44.93	33.90	-64.89	-13.00	51.89	184	196	Vertical
3	7859.25	39.62	-42.61	36.85	-61.40	-13.00	48.40	175	255	Vertical
4	10704.75	34.07	-37.91	39.14	-59.96	-13.00	46.96	163	315	Vertical
5	13324.5	31.57	-36.74	40.06	-60.37	-13.00	47.37	256	29	Vertical
6	14603.25	31.29	-35.27	39.94	-59.30	-13.00	46.30	133	105	Vertical



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# Test Band = SA Band 70 ULMIMO 15M\_ TM1 Test Channel = Mid Channel

Final	Data List							
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Delerity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3391.68	44.23	-48.38	28.66	-70.75	-13.00	57.75	Horizontal
2	5087.52	42.09	-47.84	31.71	-69.30	-13.00	56.30	Horizontal
3	6783.36	42.27	-46.83	35.12	-64.70	-13.00	51.70	Horizontal
4	8479.2	39.76	-44.25	36.87	-62.87	-13.00	49.87	Horizontal
5	10175.04	37.47	-42.07	38.66	-61.21	-13.00	48.21	Horizontal
6	11870.88	36.25	-39.96	39.23	-59.74	-13.00	46.74	Horizontal

Final	Data List							
NO	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Delerity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3391.68	44.26	-48.38	28.66	-70.72	-13.00	57.72	Vertical
2	5087.52	42.42	-47.84	31.71	-68.97	-13.00	55.97	Vertical
3	6783.36	42.12	-46.83	35.12	-64.85	-13.00	51.85	Vertical
4	8479.2	40.02	-44.25	36.87	-62.61	-13.00	49.61	Vertical
5	10175.04	37.34	-42.07	38.66	-61.34	-13.00	48.34	Vertical
6	11870.88	36.17	-39.96	39.23	-59.82	-13.00	46.82	Vertical



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# Test Band = SA Band 70 ULMIMO 10M\_ TM1 Test Channel = Low Channel

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	3391.18	43.79	-48.38	28.66	-71.19	-13.00	58.19	Horizontal
2	5086.77	41.68	-47.84	31.71	-69.71	-13.00	56.71	Horizontal
3	6782.36	41.67	-46.83	35.12	-65.30	-13.00	52.30	Horizontal
4	8477.95	40.05	-44.24	36.87	-62.58	-13.00	49.58	Horizontal
5	10173.54	37.63	-42.07	38.66	-61.04	-13.00	48.04	Horizontal
6	11869.13	35.42	-39.95	39.23	-60.57	-13.00	47.57	Horizontal

Final	Data List							
NO	Frequency	Reading	Factor	A E[= D/==1	Level	Limit	Margin	Dalamite
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3391.18	44.43	-48.38	28.66	-70.55	-13.00	57.55	Vertical
2	5086.77	42.06	-47.84	31.71	-69.33	-13.00	56.33	Vertical
3	6782.36	41.58	-46.83	35.12	-65.39	-13.00	52.39	Vertical
4	8477.95	40.37	-44.24	36.87	-62.26	-13.00	49.26	Vertical
5	10173.54	37.75	-42.07	38.66	-60.92	-13.00	47.92	Vertical
6	11869.13	35.88	-39.95	39.23	-60.11	-13.00	47.11	Vertical



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# Test Band = SA Band 70 ULMIMO 10M\_ TM1 Test Channel = Mid Channel

Final	Data List							
NO.	Frequency	Reading	Factor	A F[dD/m]	Level	Limit	Margin	Delerity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3396.18	44.11	-48.40	28.66	-70.89	-13.00	57.89	Horizontal
2	5094.27	42.11	-47.83	31.73	-69.25	-13.00	56.25	Horizontal
3	6792.36	42.17	-46.87	35.14	-64.81	-13.00	51.81	Horizontal
4	8490.45	39.52	-44.26	36.89	-63.12	-13.00	50.12	Horizontal
5	10188.54	37.57	-42.11	38.67	-61.13	-13.00	48.13	Horizontal
6	11886.63	36.24	-39.97	39.22	-59.77	-13.00	46.77	Horizontal

Final	Data List							
NO.	Frequency	Reading	Factor	A F[dD/m]	Level	Limit	Margin	Delerity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity
1	3396.18	44.19	-48.40	28.66	-70.81	-13.00	57.81	Vertical
2	5094.27	42.47	-47.83	31.73	-68.89	-13.00	55.89	Vertical
3	6792.36	42.04	-46.87	35.14	-64.94	-13.00	51.94	Vertical
4	8490.45	39.45	-44.26	36.89	-63.19	-13.00	50.19	Vertical
5	10188.54	38.06	-42.11	38.67	-60.64	-13.00	47.64	Vertical
6	11886.63	35.95	-39.97	39.22	-60.06	-13.00	47.06	Vertical



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#### Test Band = SA Band 70 ULMIMO 10M\_ TM1 **Test Channel = High Channel**

Final Data List										
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Dolority		
NO.	[MHz]	[dBµV]	[dB]	Ai [db/iii]	[dBm]	[dBm]	[dB]	Polarity		
1	3401.18	43.77	-48.41	28.66	-71.24	-13.00	58.24	Horizontal		
2	5101.77	42.56	-47.82	31.75	-68.78	-13.00	55.78	Horizontal		
3	6802.36	42.30	-46.89	35.17	-64.68	-13.00	51.68	Horizontal		
4	8502.95	39.46	-44.27	36.90	-63.16	-13.00	50.16	Horizontal		
5	10203.54	37.37	-42.10	38.68	-61.31	-13.00	48.31	Horizontal		
6	11904.13	36.24	-39.96	39.22	-59.76	-13.00	46.76	Horizontal		

Final	Final Data List										
NO	Frequency	Reading	Factor	A E[= D/==1	Level	Limit	Margin	Dalamite			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3401.18	43.60	-48.41	28.66	-71.41	-13.00	58.41	Vertical			
2	5101.77	42.59	-47.82	31.75	-68.75	-13.00	55.75	Vertical			
3	6802.36	42.15	-46.89	35.17	-64.83	-13.00	51.83	Vertical			
4	8502.95	39.40	-44.27	36.90	-63.22	-13.00	50.22	Vertical			
5	10203.54	37.29	-42.10	38.68	-61.39	-13.00	48.39	Vertical			
6	11904.13	36.14	-39.96	39.22	-59.86	-13.00	46.86	Vertical			



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# Test Band = NR CA n26A-n70A 15M\_ TM1 Test Channel = Mid Channel

Final	Final Data List										
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Delerity			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3912.75	44.76	-48.28	29.28	-69.50	-13.00	56.50	Horizontal			
2	5472	43.99	-47.64	32.63	-66.28	-13.00	53.28	Horizontal			
3	7150.5	42.73	-46.02	35.96	-62.59	-13.00	49.59	Horizontal			
4	9561.75	40.27	-42.29	38.11	-59.17	-13.00	46.17	Horizontal			
5	12611.25	37.75	-39.02	38.83	-57.70	-13.00	44.70	Horizontal			
6	14823.75	35.86	-36.97	40.24	-56.13	-13.00	43.13	Horizontal			

Final	Final Data List										
NO.	Frequency	Reading	Factor	A F[dD/m]	Level	Limit	Margin	Delerity			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3810.75	44.36	-48.19	29.14	-69.96	-13.00	56.96	Vertical			
2	5235.75	44.15	-47.85	32.07	-66.89	-13.00	53.89	Vertical			
3	6696.75	43.33	-46.57	34.93	-63.56	-13.00	50.56	Vertical			
4	8813.25	41.34	-44.00	37.34	-60.58	-13.00	47.58	Vertical			
5	11136.75	38.03	-40.35	39.37	-58.21	-13.00	45.21	Vertical			
6	15236.25	35.71	-37.10	39.65	-57.00	-13.00	44.00	Vertical			



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# Test Band = NR CA n26A-n70A 10M\_ TM1 Test Channel = Low Channel

Final	Final Data List										
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Delerity			
NO.	[MHz]	[dBµV]	[dB]	Ai [db/iii]	[dBm]	[dBm]	[dB]	Polarity			
1	3564	44.99	-48.28	28.79	-69.76	-13.00	56.76	Horizontal			
2	4396.5	45.25	-48.10	30.11	-67.99	-13.00	54.99	Horizontal			
3	5954.25	44.00	-47.34	32.79	-65.81	-13.00	52.81	Horizontal			
4	7671	42.69	-45.02	36.59	-61.00	-13.00	48.00	Horizontal			
5	10283.25	38.63	-41.32	38.75	-59.19	-13.00	46.19	Horizontal			
6	14748	35.78	-36.76	40.30	-55.94	-13.00	42.94	Horizontal			

Final	Final Data List										
NO.	Frequency	Reading	Factor	A F[dD/m]	Level	Limit	Margin	Delerity			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3315	45.18	-48.09	28.63	-69.54	-13.00	56.54	Vertical			
2	4854	44.01	-48.02	31.15	-68.12	-13.00	55.12	Vertical			
3	7048.5	42.67	-46.23	35.72	-63.10	-13.00	50.10	Vertical			
4	9541.5	40.15	-42.32	38.09	-59.34	-13.00	46.34	Vertical			
5	12086.25	37.37	-39.60	39.15	-58.34	-13.00	45.34	Vertical			
6	14729.25	35.61	-36.73	40.32	-56.06	-13.00	43.06	Vertical			



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# Test Band = NR CA n26A-n70A 10M\_ TM1 Test Channel = Mid Channel

Final	Final Data List										
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Polarity			
NO.	[MHz]	[dBµV]	[dB]	Ai [db/iii]	[dBm]	[dBm]	[dB]	Polanty			
1	3906.75	44.86	-48.28	29.27	-69.41	-13.00	56.41	Horizontal			
2	5469.75	44.09	-47.64	32.63	-66.19	-13.00	53.19	Horizontal			
3	7686.75	43.17	-45.13	36.58	-60.64	-13.00	47.64	Horizontal			
4	8940	40.86	-43.69	37.52	-60.57	-13.00	47.57	Horizontal			
5	11266.5	38.51	-40.42	39.35	-57.82	-13.00	44.82	Horizontal			
6	13951.5	37.11	-38.94	40.79	-56.30	-13.00	43.30	Horizontal			

Final	Final Data List										
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Delerity			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3595.5	45.01	-48.28	28.83	-69.70	-13.00	56.70	Vertical			
2	4163.25	46.39	-48.25	29.69	-67.43	-13.00	54.43	Vertical			
3	5319.75	44.48	-47.77	32.27	-66.28	-13.00	53.28	Vertical			
4	7679.25	42.79	-45.08	36.58	-60.96	-13.00	47.96	Vertical			
5	9601.5	39.87	-42.24	38.14	-59.49	-13.00	46.49	Vertical			
6	12100.5	37.41	-39.63	39.14	-58.34	-13.00	45.34	Vertical			



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#### Test Band = NR CA n26A-n70A 10M\_ TM1 **Test Channel = High Channel**

Final	Final Data List										
NO.	Frequency	Reading	Factor	Λ Γ[dD/m]	Level	Limit	Margin	Delerity			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3579	45.10	-48.28	28.81	-69.63	-13.00	56.63	Horizontal			
2	4646.25	44.36	-47.98	30.65	-68.23	-13.00	55.23	Horizontal			
3	6304.5	43.19	-47.30	33.84	-65.54	-13.00	52.54	Horizontal			
4	8196.75	41.40	-44.20	36.48	-61.58	-13.00	48.58	Horizontal			
5	11380.5	37.97	-40.15	39.32	-58.12	-13.00	45.12	Horizontal			
6	14781.75	35.56	-36.82	40.27	-56.24	-13.00	43.24	Horizontal			

Final	Final Data List										
NO.	Frequency	Reading	Factor	VE[qD/m]	Level	Limit	Margin	Delerity			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3526.5	45.17	-48.29	28.74	-69.64	-13.00	56.64	Vertical			
2	4661.25	45.04	-47.98	30.69	-67.51	-13.00	54.51	Vertical			
3	6698.25	43.37	-46.56	34.94	-63.51	-13.00	50.51	Vertical			
4	10890	37.87	-40.08	39.30	-58.17	-13.00	45.17	Vertical			
5	14703	35.65	-36.69	40.34	-55.96	-13.00	42.96	Vertical			
6	17824.5	34.46	-37.18	44.18	-53.80	-13.00	40.80	Vertical			



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#### Test Band = NR CA n71A-n70A\_ TM1 Test Channel = Low Channel

Final	Final Data List										
NO	Frequency	Reading	Factor	Λ <b>Γ</b> [-  <b>D</b> /1	Level	Limit	Margin	Dolonite			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity			
1	3706.5	44.82	-48.49	28.99	-69.94	-13.00	56.94	Horizontal			
2	5024.25	43.60	-47.96	31.56	-68.07	-13.00	55.07	Horizontal			
3	6681	42.66	-46.65	34.90	-64.35	-13.00	51.35	Horizontal			
4	8346.75	41.20	-44.34	36.69	-61.72	-13.00	48.72	Horizontal			
5	10872	37.49	-40.21	39.28	-58.69	-13.00	45.69	Horizontal			
6	13679.25	33.56	-38.19	40.16	-59.73	-13.00	46.73	Horizontal			

Final	Final Data List										
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Polarity			
NO.	[MHz]	[dBµV]	[dB]	Ai [db/iii]	[dBm]	[dBm]	[dB]	Polanty			
1	3429.75	44.84	-48.37	28.67	-70.12	-13.00	57.12	Vertical			
2	4891.5	44.08	-48.03	31.24	-67.97	-13.00	54.97	Vertical			
3	7035	42.55	-46.33	35.68	-63.36	-13.00	50.36	Vertical			
4	8829	40.92	-44.00	37.36	-60.98	-13.00	47.98	Vertical			
5	10828.5	37.24	-40.52	39.25	-59.29	-13.00	46.29	Vertical			
6	13673.25	33.69	-38.26	40.15	-59.68	-13.00	46.68	Vertical			



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# Test Band = NR CA n71A-n70A\_ TM1 Test Channel = Mid Channel

Final Data List									
NO	Frequency	cy Reading Factor		Λ <b>Γ</b> [-  <b>D</b> /1	Level	Limit	Margin	Dolonite	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity	
1	3802.5	44.49	-48.18	29.12	-69.83	-13.00	56.83	Horizontal	
2	4791.75	43.64	-48.01	31.00	-68.63	-13.00	55.63	Horizontal	
3	6246	42.58	-47.44	33.64	-66.49	-13.00	53.49	Horizontal	
4	7707	42.62	-45.19	36.55	-61.28	-13.00	48.28	Horizontal	
5	11428.5	36.36	-40.07	39.31	-59.66	-13.00	46.66	Horizontal	
6	13677	33.95	-38.22	40.16	-59.37	-13.00	46.37	Horizontal	

Final Data List									
NO	Frequency	Reading	Factor	A F[dD/m]	Level	Limit	Margin	Delerity	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity	
1	3537	44.88	-48.29	28.75	-69.91	-13.00	56.91	Vertical	
2	5315.25	43.80	-47.77	32.26	-66.97	-13.00	53.97	Vertical	
3	7041	42.62	-46.28	35.70	-63.23	-13.00	50.23	Vertical	
4	8721.75	40.72	-44.09	37.21	-61.42	-13.00	48.42	Vertical	
5	10757.25	37.59	-40.84	39.18	-59.33	-13.00	46.33	Vertical	
6	13724.25	33.25	-38.22	40.27	-59.97	-13.00	46.97	Vertical	



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# Test Band = NR CA n71A-n70A\_ TM1 Test Channel = High Channel

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	3774	44.54	-48.27	29.08	-69.90	-13.00	56.90	Horizontal	
2	4675.5	44.25	-47.97	30.72	-68.26	-13.00	55.26	Horizontal	
3	6273	42.87	-47.38	33.73	-66.04	-13.00	53.04	Horizontal	
4	7677	42.14	-45.06	36.59	-61.60	-13.00	48.60	Horizontal	
5	10030.5	38.11	-41.75	38.53	-60.37	-13.00	47.37	Horizontal	
6	13602.75	34.26	-39.02	39.99	-60.03	-13.00	47.03	Horizontal	

Final Data List										
NO.	Frequency	Reading	Factor	A F[dD/m]	Level	Limit	Margin	Dolority		
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	Polarity		
1	3809.25	44.47	-48.19	29.13	-69.85	-13.00	56.85	Vertical		
2	4984.5	43.75	-48.01	31.46	-68.06	-13.00	55.06	Vertical		
3	6618.75	43.36	-46.96	34.76	-64.10	-13.00	51.10	Vertical		
4	7825.5	41.66	-45.05	36.41	-62.24	-13.00	49.24	Vertical		
5	10401.75	37.89	-41.23	38.86	-59.74	-13.00	46.74	Vertical		
6	13677.75	33.62	-38.21	40.16	-59.69	-13.00	46.69	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

	1104401107 = 1101101101010											
Band	scs	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	VH	NT	1.000000	0.000587	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	VN	NT	-0.600000	-0.000352	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	VL	NT	3.900000	0.002291	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	VH	NT	-2.500000	-0.001468	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	VN	NT	-3.100000	-0.001821	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	VL	NT	-1.400000	-0.000822	PASS		

Frequency Frror VS. Temperature

	Frequency Error vo. Temperature											
Band	scs	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	-30	0.700000	0.000411	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	-20	4.700000	0.002761	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	-10	2.800000	0.001645	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	0	2.600000	0.001527	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	10	1.800000	0.001057	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	20	-2.200000	-0.001292	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	30	-1.200000	-0.000705	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	40	3.300000	0.001938	PASS		
N70	15	15	DFT-PI2BPSK	М	Outer_Full	NV	50	1.700000	0.000999	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	-30	-1.200000	-0.000705	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	-20	-1.600000	-0.000940	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	-10	-1.700000	-0.000999	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	0	-3.400000	-0.001997	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	10	-3.500000	-0.002056	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	20	-4.000000	-0.002349	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	30	-2.700000	-0.001586	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	40	-3.700000	-0.002173	PASS		
N70	15	15	CP-QPSK	М	Outer_Full	NV	50	-3.600000	-0.002115	PASS		

#### ---End of Attachment---



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