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Test Band = SA n5_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1658	85.74	-118.05	-32.31	-13.00	19.31	162	350	Horizontal
2	2488	80.96	-114.23	-33.27	-13.00	20.27	172	142	Horizontal
3	3318	63.00	-111.93	-48.93	-13.00	35.93	234	350	Horizontal
4	4148	59.70	-109.69	-49.99	-13.00	36.99	145	151	Horizontal
5	4978	54.70	-107.75	-53.05	-13.00	40.05	268	174	Horizontal
6	5810.63	50.60	-105.13	-54.53	-13.00	41.53	175	158	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1658	73.63	-118.05	-44.42	-13.00	31.42	264	2	Vertical
2	2488	76.37	-114.23	-37.86	-13.00	24.86	117	350	Vertical
3	3320.36	51.71	-111.94	-60.23	-13.00	47.23	299	357	Vertical
4	4150.45	49.94	-109.67	-59.73	-13.00	46.73	175	133	Vertical
5	4980.54	51.28	-107.74	-56.46	-13.00	43.46	268	350	Vertical
6	5810.63	51.03	-105.13	-54.10	-13.00	41.10	170	211	Vertical



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Test Band = NSA DC_2A_n5_TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648	76.35	-118.07	-41.72	-13.00	28.72	216	337	Horizontal
2	2475.27	53.84	-114.35	-60.51	-13.00	47.51	264	358	Horizontal
3	3298	65.85	-111.89	-46.04	-13.00	33.04	175	330	Horizontal
4	4125.45	45.44	-109.79	-64.35	-13.00	51.35	214	174	Horizontal
5	4950.54	49.17	-107.85	-58.68	-13.00	45.68	244	344	Horizontal
6	5775.63	48.83	-105.30	-56.47	-13.00	43.47	145	151	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648	66.14	-118.07	-51.93	-13.00	38.93	261	127	Vertical
2	2475.27	50.50	-114.35	-63.85	-13.00	50.85	175	203	Vertical
3	3300.36	49.73	-111.89	-62.16	-13.00	49.16	264	88	Vertical
4	4125.45	49.27	-109.79	-60.52	-13.00	47.52	185	280	Vertical
5	4950.54	49.13	-107.85	-58.72	-13.00	45.72	269	280	Vertical
6	5775.63	49.87	-105.30	-55.43	-13.00	42.43	175	65	Vertical



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Test Band = NSA DC_2A_n5_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	51.14	-118.05	-66.91	-13.00	53.91	263	257	Horizontal
2	2482.77	48.84	-114.27	-65.43	-13.00	52.43	354	48	Horizontal
3	3310.36	48.70	-111.92	-63.22	-13.00	50.22	175	149	Horizontal
4	4137.95	46.02	-109.74	-63.72	-13.00	50.72	268	141	Horizontal
5	4965.54	48.12	-107.80	-59.68	-13.00	46.68	177	133	Horizontal
6	5793.13	52.57	-105.23	-52.66	-13.00	39.66	255	296	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	63.29	-118.06	-54.77	-13.00	41.77	321	328	Vertical
2	2482.77	50.74	-114.27	-63.53	-13.00	50.53	152	40	Vertical
3	3310.36	49.81	-111.92	-62.11	-13.00	49.11	264	234	Vertical
4	4137.95	46.93	-109.74	-62.81	-13.00	49.81	175	342	Vertical
5	4965.54	49.37	-107.80	-58.43	-13.00	45.43	267	93	Vertical
6	5793.13	52.69	-105.23	-52.54	-13.00	39.54	175	203	Vertical



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Test Band = NSA DC_2A_n5_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	53.46	-118.04	-64.58	-13.00	51.58	263	341	Horizontal
2	2490.27	49.10	-114.18	-65.08	-13.00	52.08	145	341	Horizontal
3	3320.36	47.38	-111.94	-64.56	-13.00	51.56	264	55	Horizontal
4	4150.45	45.27	-109.67	-64.40	-13.00	51.40	175	334	Horizontal
5	4980.54	47.25	-107.74	-60.49	-13.00	47.49	298	341	Horizontal
6	5810.63	49.35	-105.13	-55.78	-13.00	42.78	175	341	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	51.36	-118.04	-66.68	-13.00	53.68	231	30	Vertical
2	2490.27	50.39	-114.18	-63.79	-13.00	50.79	145	0	Vertical
3	3320.36	48.56	-111.94	-63.38	-13.00	50.38	264	209	Vertical
4	4150.45	46.97	-109.67	-62.70	-13.00	49.70	185	139	Vertical
5	4980.54	50.11	-107.74	-57.63	-13.00	44.63	264	187	Vertical
6	5810.63	49.50	-105.13	-55.63	-13.00	42.63	175	226	Vertical



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Test Band = NSA DC_12A_n5_TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.3333	75.40	-118.07	-42.67	-13.00	29.67	142	283	Horizontal
2	2473.3333	57.86	-114.38	-56.52	-13.00	43.52	264	271	Horizontal
3	3300.36	50.47	-111.89	-61.42	-13.00	48.42	175	259	Horizontal
4	4125.45	48.98	-109.79	-60.81	-13.00	47.81	264	3	Horizontal
5	4950.54	51.12	-107.86	-56.74	-13.00	43.74	177	130	Horizontal
6	5775.63	50.16	-105.30	-55.14	-13.00	42.14	299	83	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.8889	64.07	-118.07	-54.00	-13.00	41.00	263	101	Vertical
2	2473.3333	56.09	-114.38	-58.29	-13.00	45.29	214	185	Vertical
3	3297.7778	55.97	-111.89	-55.92	-13.00	42.92	185	229	Vertical
4	4125.45	48.49	-109.79	-61.30	-13.00	48.30	264	1	Vertical
5	4950.54	51.03	-107.86	-56.83	-13.00	43.83	175	264	Vertical
6	5775.63	48.96	-105.30	-56.34	-13.00	43.34	264	229	Vertical



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Test Band = NSA DC_12A_n5_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654.6667	66.51	-118.05	-51.54	-13.00	38.54	211	360	Horizontal
2	2480.8889	56.43	-114.30	-57.87	-13.00	44.87	156	60	Horizontal
3	3308.4444	55.38	-111.91	-56.53	-13.00	43.53	241	82	Horizontal
4	4137.95	48.12	-109.73	-61.61	-13.00	48.61	145	140	Horizontal
5	4965.54	49.66	-107.80	-58.14	-13.00	45.14	269	279	Horizontal
6	5898.2222	57.31	-104.59	-47.28	-13.00	34.28	211	106	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1653.7778	64.33	-118.06	-53.73	-13.00	40.73	263	160	Vertical
2	2481.3333	55.96	-114.30	-58.34	-13.00	45.34	214	357	Vertical
3	3308	59.47	-111.91	-52.44	-13.00	39.44	185	299	Vertical
4	4137.95	47.39	-109.73	-62.34	-13.00	49.34	264	183	Vertical
5	4965.54	49.52	-107.80	-58.28	-13.00	45.28	177	31	Vertical
6	5793.13	49.38	-105.23	-55.85	-13.00	42.85	185	148	Vertical



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Test Band = NSA DC_12A_n5_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654.6667	75.45	-118.05	-42.60	-13.00	29.60	201	84	Horizontal
2	2481.3333	67.07	-114.30	-47.23	-13.00	34.23	236	60	Horizontal
3	3308.4444	56.23	-111.91	-55.68	-13.00	42.68	144	350	Horizontal
4	4150.45	48.24	-109.68	-61.44	-13.00	48.44	111	360	Horizontal
5	4980.54	50.53	-107.74	-57.21	-13.00	44.21	145	357	Horizontal
6	5810.63	49.57	-105.14	-55.57	-13.00	42.57	266	24	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654.6667	71.21	-118.05	-46.84	-13.00	33.84	213	0	Vertical
2	2490.27	51.50	-114.20	-62.70	-13.00	49.70	362	20	Vertical
3	3308.4444	57.07	-111.91	-54.84	-13.00	41.84	185	148	Vertical
4	4135.1111	53.94	-109.75	-55.81	-13.00	42.81	341	264	Vertical
5	4980.54	49.68	-107.74	-58.06	-13.00	45.06	189	54	Vertical
6	5810.63	49.55	-105.14	-55.59	-13.00	42.59	266	0	Vertical



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Test Band = NSA DC_13A_n5_TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650	83.73	-118.07	-34.34	-13.00	21.34	261	259	Horizontal
2	2474	60.79	-114.37	-53.58	-13.00	40.58	175	3	Horizontal
3	3298	67.39	-111.89	-44.50	-13.00	31.50	235	259	Horizontal
4	4122	55.08	-109.81	-54.73	-13.00	41.73	175	228	Horizontal
5	4950.54	51.12	-107.85	-56.73	-13.00	43.73	264	104	Horizontal
6	5898	59.83	-104.59	-44.76	-13.00	31.76	175	104	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650	71.01	-118.07	-47.06	-13.00	34.06	263	86	Vertical
2	2474	65.99	-114.37	-48.38	-13.00	35.38	217	141	Vertical
3	3298	68.80	-111.89	-43.09	-13.00	30.09	152	187	Vertical
4	4122	56.34	-109.81	-53.47	-13.00	40.47	294	17	Vertical
5	4950.54	51.48	-107.85	-56.37	-13.00	43.37	175	47	Vertical
6	5898	57.23	-104.59	-47.36	-13.00	34.36	266	134	Vertical



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Test Band = NSA DC_13A_n5_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	67.35	-118.06	-50.71	-13.00	37.71	255	120	Horizontal
2	2480	64.40	-114.31	-49.91	-13.00	36.91	186	112	Horizontal
3	3308	56.87	-111.91	-55.04	-13.00	42.04	241	81	Horizontal
4	4137.95	48.76	-109.74	-60.98	-13.00	47.98	172	229	Horizontal
5	4965.54	51.00	-107.80	-56.80	-13.00	43.80	211	214	Horizontal
6	5898	59.99	-104.59	-44.60	-13.00	31.60	297	338	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	66.56	-118.06	-51.50	-13.00	38.50	263	350	Vertical
2	2482	58.69	-114.29	-55.60	-13.00	42.60	214	140	Vertical
3	3308	60.38	-111.91	-51.53	-13.00	38.53	298	280	Vertical
4	4137.95	48.57	-109.74	-61.17	-13.00	48.17	244	17	Vertical
5	4965.54	50.65	-107.80	-57.15	-13.00	44.15	175	194	Vertical
6	5898	57.59	-104.59	-47.00	-13.00	34.00	267	133	Vertical



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Test Band = NSA DC_13A_n5_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1658	78.19	-118.05	-39.86	-13.00	26.86	263	118	Horizontal
2	2384	72.15	-115.19	-43.04	-13.00	30.04	314	112	Horizontal
3	3320	51.51	-111.93	-60.42	-13.00	47.42	264	80	Horizontal
4	4150.45	49.46	-109.67	-60.21	-13.00	47.21	185	143	Horizontal
5	4980.54	50.67	-107.74	-57.07	-13.00	44.07	241	88	Horizontal
6	5810.63	51.03	-105.13	-54.10	-13.00	41.10	177	26	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660	60.63	-118.04	-57.41	-13.00	44.41	263	141	Vertical
2	2384	59.57	-115.19	-55.62	-13.00	42.62	341	155	Vertical
3	3318	56.80	-111.93	-55.13	-13.00	42.13	175	281	Vertical
4	4150.45	48.67	-109.67	-61.00	-13.00	48.00	264	108	Vertical
5	4980.54	50.28	-107.74	-57.46	-13.00	44.46	178	61	Vertical
6	5810.63	50.51	-105.13	-54.62	-13.00	41.62	267	187	Vertical



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Test Band = NSA DC_30A_n5_TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649	44.19	-94.97	-50.78	-13.00	37.78	263	195	Horizontal
2	2475.27	38.85	-91.41	-52.56	-13.00	39.56	145	226	Horizontal
3	3300.36	50.78	-111.66	-60.88	-13.00	47.88	268	317	Horizontal
4	4125.45	48.12	-109.46	-61.34	-13.00	48.34	175	0	Horizontal
5	4950.54	51.16	-107.69	-56.53	-13.00	43.53	264	119	Horizontal
6	5775.63	50.17	-105.30	-55.13	-13.00	42.13	174	229	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.5	49.80	-94.97	-45.17	-13.00	32.17	263	358	Vertical
2	2475.27	38.06	-91.41	-53.35	-13.00	40.35	351	196	Vertical
3	3300.36	50.55	-111.66	-61.11	-13.00	48.11	175	330	Vertical
4	4125.45	47.86	-109.46	-61.60	-13.00	48.60	264	180	Vertical
5	4950.54	50.40	-107.69	-57.29	-13.00	44.29	172	1	Vertical
6	5775.63	50.18	-105.30	-55.12	-13.00	42.12	268	22	Vertical



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Test Band = NSA DC_30A_n5_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	39.41	-94.96	-55.55	-13.00	42.55	231	354	Horizontal
2	2482.77	39.18	-91.35	-52.17	-13.00	39.17	152	175	Horizontal
3	3310.36	50.87	-111.67	-60.80	-13.00	47.80	264	71	Horizontal
4	4137.95	47.86	-109.45	-61.59	-13.00	48.59	196	0	Horizontal
5	4965.54	50.19	-107.66	-57.47	-13.00	44.47	264	14	Horizontal
6	5793.13	50.48	-105.19	-54.71	-13.00	41.71	175	230	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	39.16	-94.96	-55.80	-13.00	42.80	231	345	Vertical
2	2482.77	38.74	-91.35	-52.61	-13.00	39.61	142	57	Vertical
3	3310.36	50.58	-111.67	-61.09	-13.00	48.09	264	70	Vertical
4	4137.95	47.84	-109.45	-61.61	-13.00	48.61	188	200	Vertical
5	4965.54	49.96	-107.66	-57.70	-13.00	44.70	264	230	Vertical
6	5793.13	51.35	-105.19	-53.84	-13.00	40.84	175	357	Vertical



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Test Band = NSA DC_30A_n5_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	39.42	-94.94	-55.52	-13.00	42.52	261	220	Horizontal
2	2490.27	39.18	-91.30	-52.12	-13.00	39.12	142	166	Horizontal
3	3320.36	51.14	-111.68	-60.54	-13.00	47.54	265	61	Horizontal
4	4150.45	47.16	-109.43	-62.27	-13.00	49.27	185	129	Horizontal
5	4980.54	50.04	-107.63	-57.59	-13.00	44.59	261	160	Horizontal
6	5810.63	49.81	-105.12	-55.31	-13.00	42.31	196	109	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	39.36	-94.94	-55.58	-13.00	42.58	263	205	Vertical
2	2490.27	38.38	-91.30	-52.92	-13.00	39.92	214	205	Vertical
3	3320.36	49.66	-111.68	-62.02	-13.00	49.02	142	358	Vertical
4	4150.45	48.47	-109.43	-60.96	-13.00	47.96	264	201	Vertical
5	4980.54	49.84	-107.63	-57.79	-13.00	44.79	102	269	Vertical
6	5810.63	49.40	-105.12	-55.72	-13.00	42.72	177	71	Vertical



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Test Band = NSA DC_48A_n5_TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	53.40	-118.06	-64.66	-13.00	51.66	263	236	Horizontal
2	2475.27	53.92	-114.36	-60.44	-13.00	47.44	174	1	Horizontal
3	3313.3433	42.97	-88.37	-45.40	-13.00	32.40	162	145	Horizontal
4	4125.45	32.76	-84.91	-52.15	-13.00	39.15	217	301	Horizontal
5	4950.54	33.79	-81.77	-47.98	-13.00	34.98	189	22	Horizontal
6	5775.63	33.96	-78.13	-44.17	-13.00	31.17	264	101	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	53.61	-118.06	-64.45	-13.00	51.45	263	3	Vertical
2	2475.27	52.69	-114.36	-61.67	-13.00	48.67	174	278	Vertical
3	3300.36	35.59	-88.37	-52.78	-13.00	39.78	186	163	Vertical
4	4125.45	32.54	-84.91	-52.37	-13.00	39.37	294	70	Vertical
5	4950.54	33.42	-81.77	-48.35	-13.00	35.35	177	0	Vertical
6	5775.63	33.64	-78.13	-44.49	-13.00	31.49	136	318	Vertical



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Test Band = NSA DC_48A_n5_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	89.15	-118.06	-28.91	-13.00	15.91	162	237	Horizontal
2	2481	83.73	-114.30	-30.57	-13.00	17.57	233	268	Horizontal
3	3310.36	36.52	-88.37	-51.85	-13.00	38.85	296	53	Horizontal
4	4137.95	33.47	-84.88	-51.41	-13.00	38.41	244	307	Horizontal
5	4965.54	33.53	-81.68	-48.15	-13.00	35.15	176	331	Horizontal
6	5793.13	33.89	-77.96	-44.07	-13.00	31.07	284	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	74.43	-118.06	-43.63	-13.00	30.63	263	321	Vertical
2	2481	65.50	-114.30	-48.80	-13.00	35.80	214	249	Vertical
3	3310.36	36.68	-88.37	-51.69	-13.00	38.69	179	357	Vertical
4	4137.95	33.76	-84.88	-51.12	-13.00	38.12	268	1	Vertical
5	4965.54	34.46	-81.68	-47.22	-13.00	34.22	179	50	Vertical
6	5793.13	34.18	-77.96	-43.78	-13.00	30.78	265	273	Vertical



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Test Band = NSA DC_48A_n5_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	54.16	-118.04	-63.88	-13.00	50.88	263	302	Horizontal
2	2490.27	53.82	-114.20	-60.38	-13.00	47.38	341	358	Horizontal
3	3320.36	36.17	-88.37	-52.20	-13.00	39.20	264	360	Horizontal
4	4150.45	32.32	-84.85	-52.53	-13.00	39.53	178	343	Horizontal
5	4980.54	33.22	-81.59	-48.37	-13.00	35.37	266	359	Horizontal
6	5810.63	32.86	-77.89	-45.03	-13.00	32.03	177	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	54.07	-118.04	-63.97	-13.00	50.97	241	63	Vertical
2	2490.27	52.44	-114.20	-61.76	-13.00	48.76	175	360	Vertical
3	3320.36	36.12	-88.37	-52.25	-13.00	39.25	269	104	Vertical
4	4150.45	32.62	-84.85	-52.23	-13.00	39.23	188	357	Vertical
5	4980.54	33.86	-81.59	-47.73	-13.00	34.73	266	250	Vertical
6	5810.63	33.94	-77.89	-43.95	-13.00	30.95	293	182	Vertical



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Test Band = NSA DC_66A_n5_TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	42.75	-94.97	-52.22	-13.00	39.22	263	129	Horizontal
2	2475.27	40.71	-91.41	-50.70	-13.00	37.70	351	106	Horizontal
3	3300.36	49.87	-111.66	-61.79	-13.00	48.79	175	21	Horizontal
4	4125.45	48.31	-109.46	-61.15	-13.00	48.15	264	280	Horizontal
5	4950.54	49.97	-107.69	-57.72	-13.00	44.72	188	329	Horizontal
6	5775.63	50.13	-105.30	-55.17	-13.00	42.17	264	299	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	39.62	-94.97	-55.35	-13.00	42.35	263	358	Vertical
2	2475.27	38.31	-91.41	-53.10	-13.00	40.10	241	3	Vertical
3	3300.36	49.76	-111.66	-61.90	-13.00	48.90	185	329	Vertical
4	4125.45	48.23	-109.46	-61.23	-13.00	48.23	244	349	Vertical
5	4950.54	50.35	-107.69	-57.34	-13.00	44.34	185	0	Vertical
6	5775.63	49.53	-105.30	-55.77	-13.00	42.77	267	280	Vertical



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Test Band = NSA DC_66A_n5_TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	41.28	-94.96	-53.68	-13.00	40.68	261	120	Horizontal
2	2482.77	41.49	-91.35	-49.86	-13.00	37.32	175	104	Horizontal
3	3310.36	50.35	-111.67	-61.32	-13.00	48.32	264	3	Horizontal
4	4137.95	47.99	-109.45	-61.46	-13.00	48.46	264	15	Horizontal
5	4965.54	50.12	-107.66	-57.54	-13.00	44.54	174	270	Horizontal
6	5793.13	51.40	-105.19	-53.79	-13.00	40.79	222	81	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	39.24	-94.96	-55.72	-13.00	42.72	114	360	Vertical
2	2482.77	38.58	-91.35	-52.77	-13.00	39.77	145	96	Vertical
3	3310.36	50.37	-111.67	-61.30	-13.00	48.30	222	15	Vertical
4	4137.95	48.13	-109.45	-61.32	-13.00	48.32	174	289	Vertical
5	4965.54	49.96	-107.66	-57.70	-13.00	44.70	236	132	Vertical
6	5793.13	49.47	-105.19	-55.72	-13.00	42.72	320	211	Vertical



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Test Band = NSA DC_66A_n5_TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	41.93	-94.94	-53.01	-13.00	40.01	214	106	Horizontal
2	2490.27	40.04	-91.30	-51.26	-13.00	38.26	156	208	Horizontal
3	3320.36	51.32	-111.68	-60.36	-13.00	47.36	265	169	Horizontal
4	4150.45	47.85	-109.43	-61.58	-13.00	48.58	175	169	Horizontal
5	4980.54	49.53	-107.63	-58.10	-13.00	45.10	264	1	Horizontal
6	5810.63	50.52	-105.12	-54.60	-13.00	41.60	177	72	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	38.60	-94.94	-56.34	-13.00	43.34	236	26	Vertical
2	2490.27	38.48	-91.30	-52.82	-13.00	39.82	144	80	Vertical
3	3320.36	49.87	-111.68	-61.81	-13.00	48.81	265	61	Vertical
4	4150.45	47.63	-109.43	-61.80	-13.00	48.80	187	22	Vertical
5	4980.54	49.65	-107.63	-57.98	-13.00	44.98	188	198	Vertical
6	5810.63	50.77	-105.12	-54.35	-13.00	41.35	266	259	Vertical



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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)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-2.500000	-0.002989	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.700000	-0.006814	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-2.800000	-0.003347	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	0.400000	0.000478	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-0.500000	-0.000598	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	3.000000	0.003586	±2.5	PASS



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Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.100000	0.002510	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-5.400000	-0.006455	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.700000	0.002032	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	2.200000	0.002630	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	2.600000	0.003108	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	1.800000	0.002152	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	1.000000	0.001195	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	4.700000	0.005619	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	1.100000	0.001315	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	0.300000	0.000359	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-0.500000	-0.000598	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	6.000000	0.007173	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	3.100000	0.003706	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	5.100000	0.006097	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	3.900000	0.004662	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	1.100000	0.001315	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	0.200000	0.000239	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	1.000000	0.001195	±2.5	PASS

The End



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