



Appendix B.2

WCDMA Band II&IV&V



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Effective (Isotropic) Radiated Power Output Data for

SEWM2307000261RG01

Test Result

Ant3:

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band II	9262	23.23	21.53	33	PASS
Band II	9400	23.31	21.61	33	PASS
Band II	9538	23.19	21.49	33	PASS

Ant4:

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band IV	1312	22.94	21.24	30	PASS
Band IV	1413	23.00	21.30	30	PASS
Band IV	1513	22.96	21.26	30	PASS

Ant1:

Band	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band V	4132	23.74	16.99	38.5	PASS
Band V	4182	23.75	17.00	38.5	PASS
Band V	4233	23.73	16.98	38.5	PASS



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Effective (Isotropic) Radiated Power Output Data for

SEWM2309000395RG01

Test Result

Ant3:

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band II	9262	23.11	21.41	33	PASS
Band II	9400	23.17	21.47	33	PASS
Band II	9538	23.13	21.43	33	PASS

Ant4:

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band IV	1312	22.83	21.13	30	PASS
Band IV	1413	22.91	21.21	30	PASS
Band IV	1513	22.81	21.11	30	PASS

Ant1:

Band	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band V	4132	23.4	16.65	38.5	PASS
Band V	4182	23.35	16.6	38.5	PASS
Band V	4233	23.32	16.57	38.5	PASS



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Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band II	9262	2.88	13	PASS
Band II	9400	2.86	13	PASS
Band II	9538	2.78	13	PASS
Band IV	1312	3.44	13	PASS
Band IV	1413	2.90	13	PASS
Band IV	1513	3.02	13	PASS
Band V	4132	3.00	13	PASS
Band V	4182	2.90	13	PASS
Band V	4233	3.02	13	PASS



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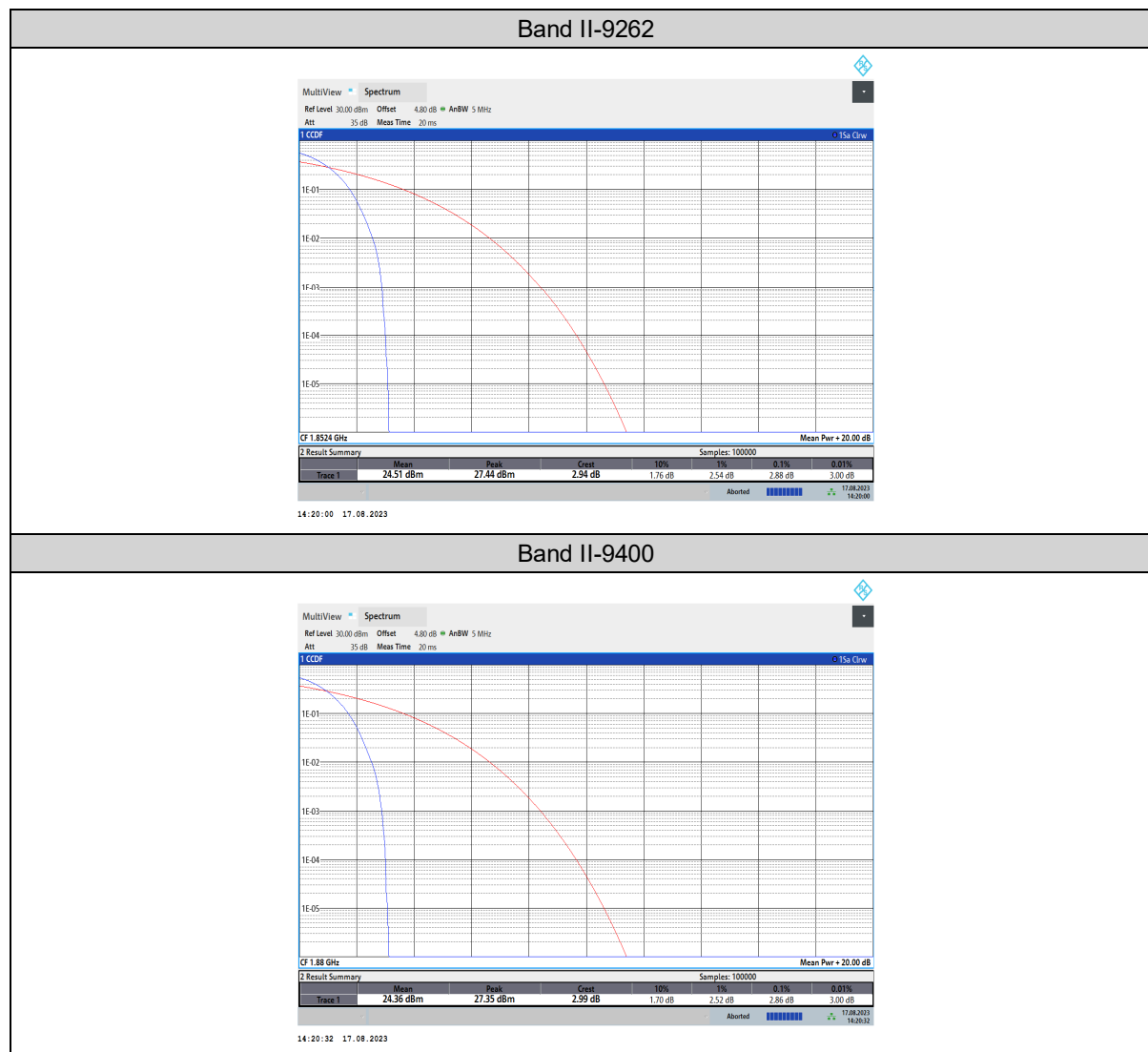
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Wireless Laboratory

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Test Graphs



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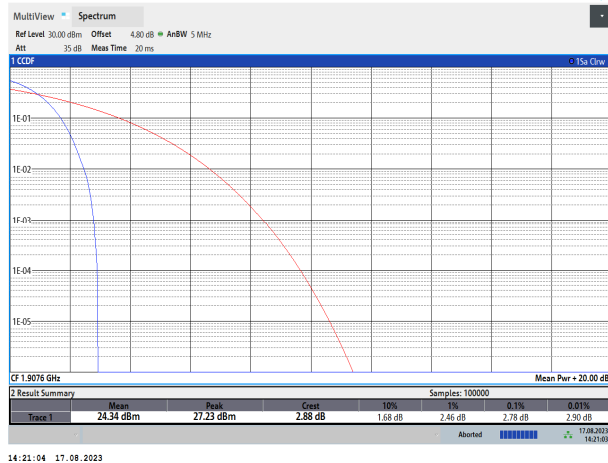
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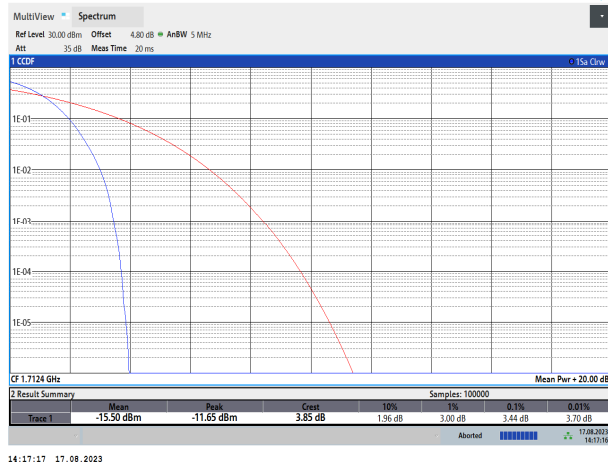
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Band II-9538



Band IV-1312



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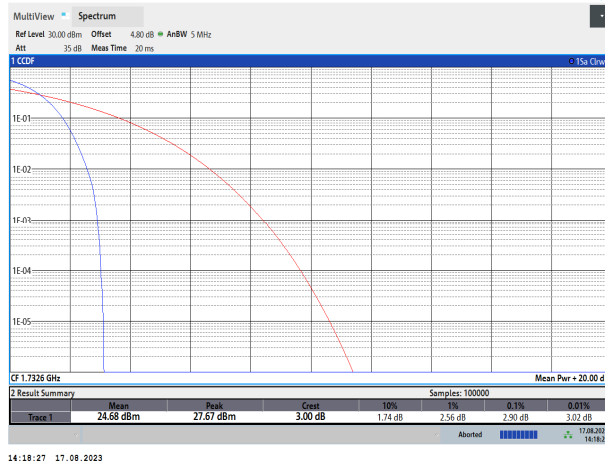
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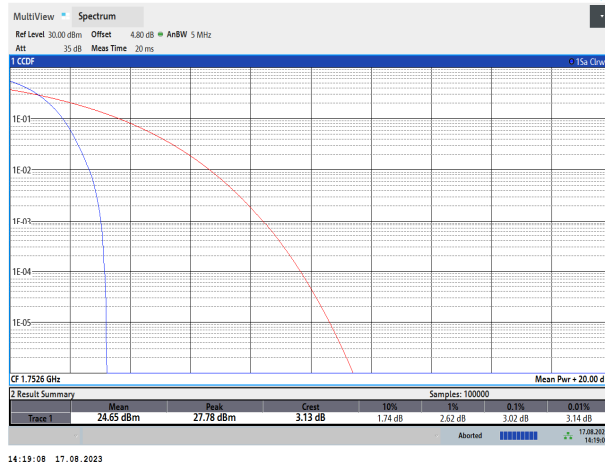
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Band IV-1413



Band IV-1513



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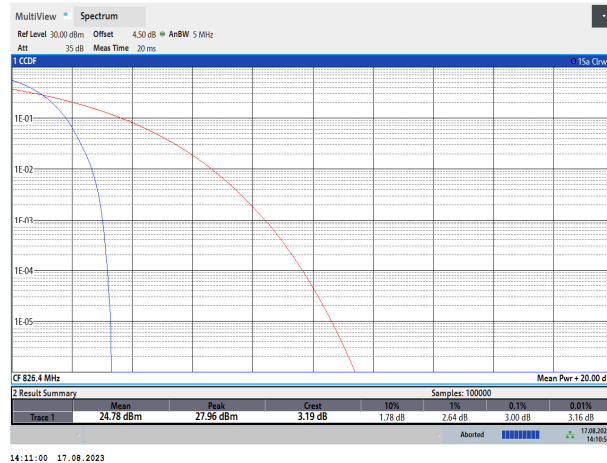
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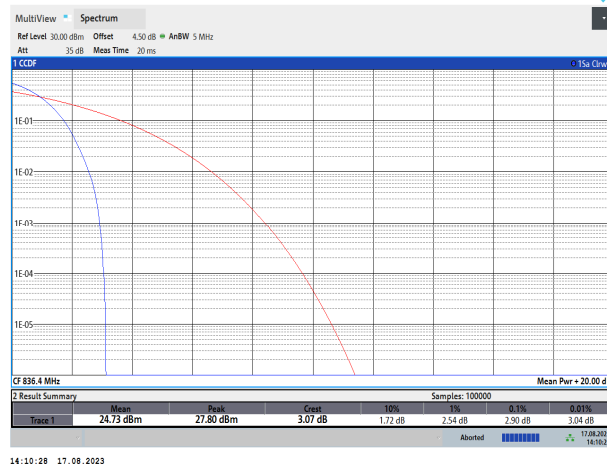
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Band V-4132



Band V-4182



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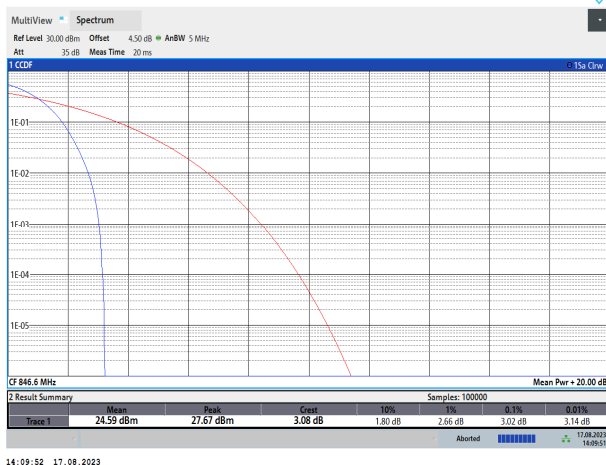


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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
Band II	9262	4.176	4.78	---	PASS
Band II	9400	4.178	4.77	---	PASS
Band II	9538	4.181	4.79	---	PASS
Band IV	1312	4.159	4.75	---	PASS
Band IV	1413	4.153	4.76	---	PASS
Band IV	1513	4.159	4.76	---	PASS
Band V	4132	4.144	4.74	---	PASS
Band V	4182	4.139	4.72	---	PASS
Band V	4233	4.13	4.71	---	PASS



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Test Graphs



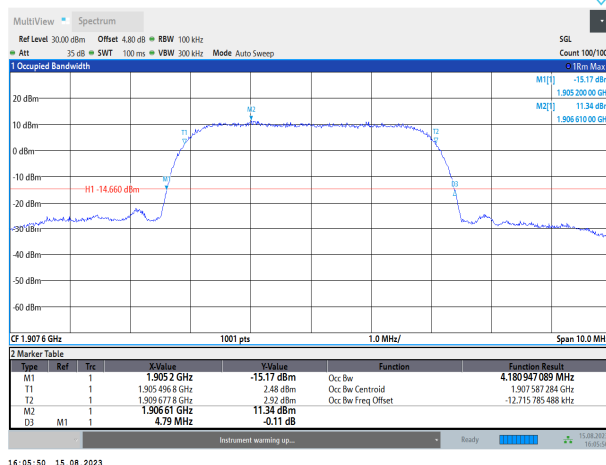


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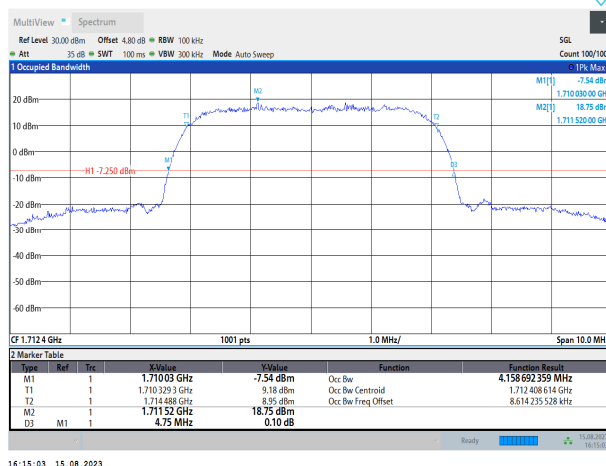
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Band II-9538-4.75



Band IV-1312-4.74



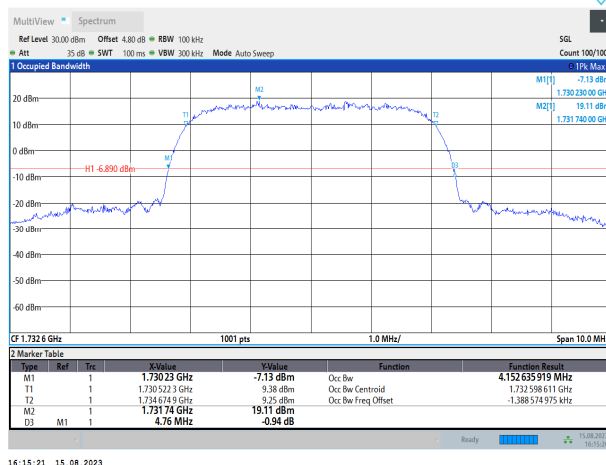
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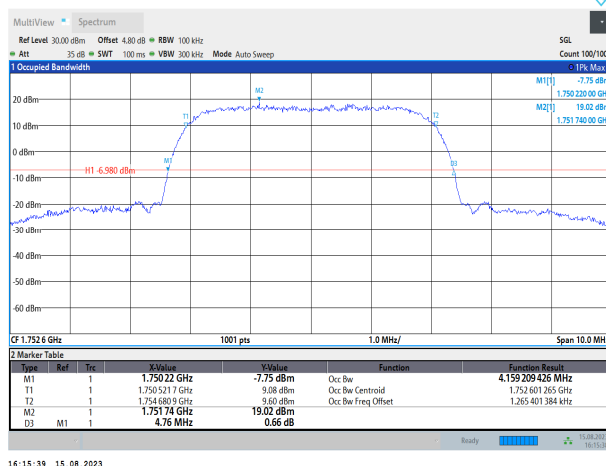
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Band IV-1413-4.72



Band IV-1513-4.73



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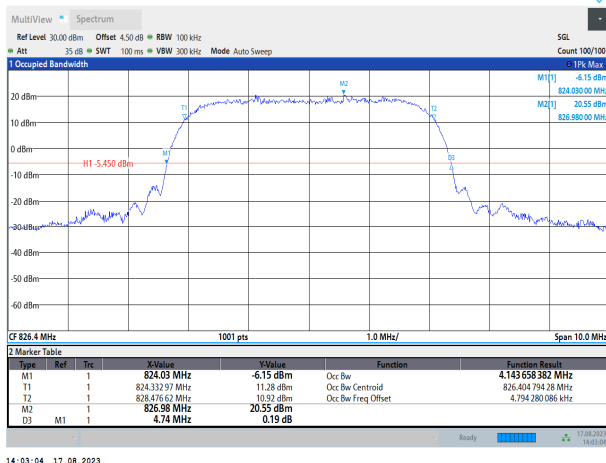
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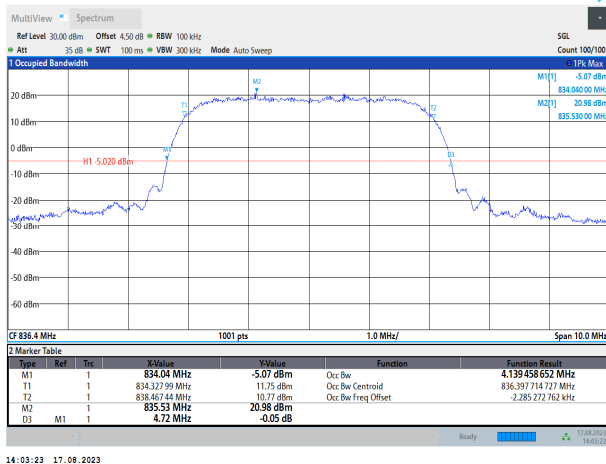
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Band V-4132-4.75



Band V-4182-4.73



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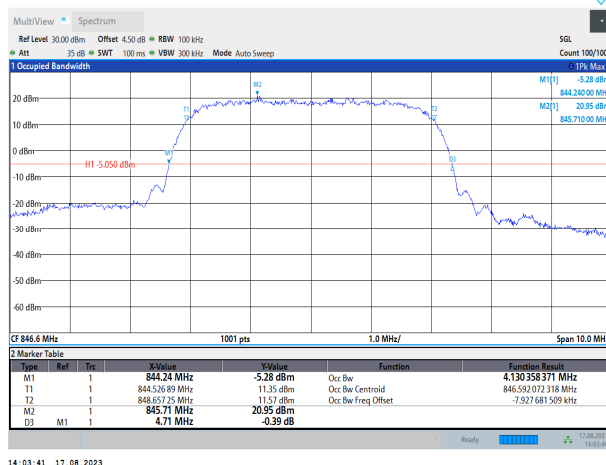
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Band Edge

Test Graphs





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Band IV-1312



Band IV-1513



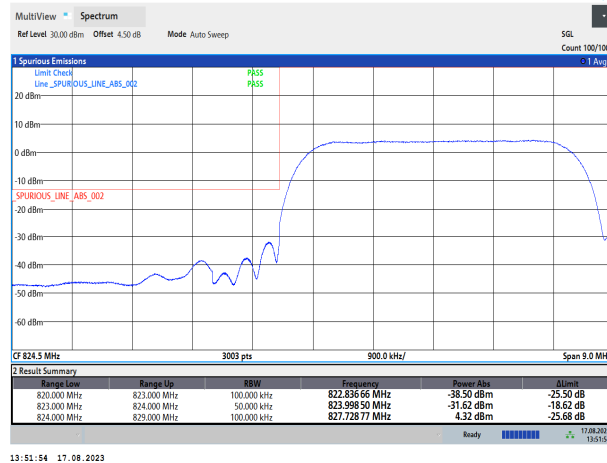
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Band V-4132



Band V-4233



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Conducted Spurious Emission

Test Graphs



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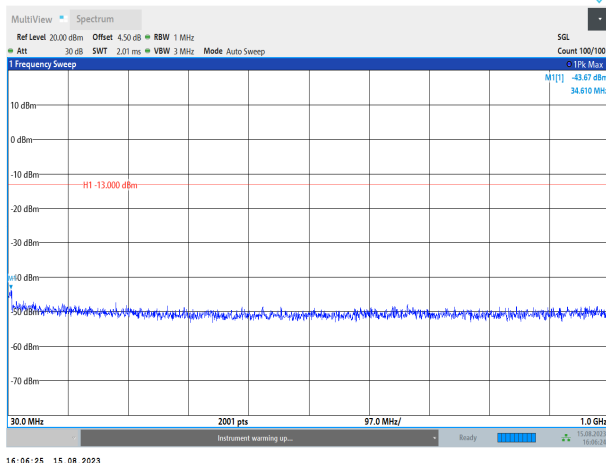
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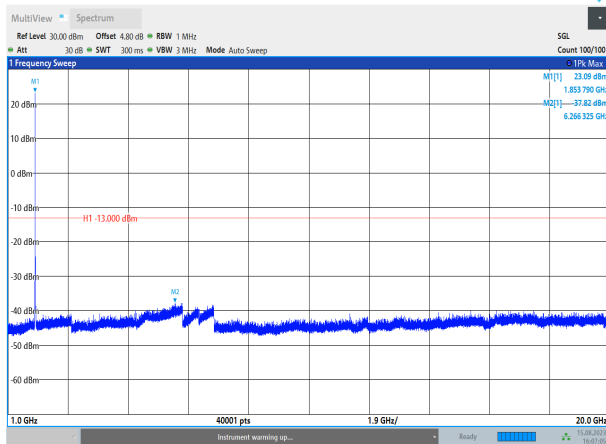
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Band II-9262-30~1000MHz



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Band II-9262-1000~20000MHz



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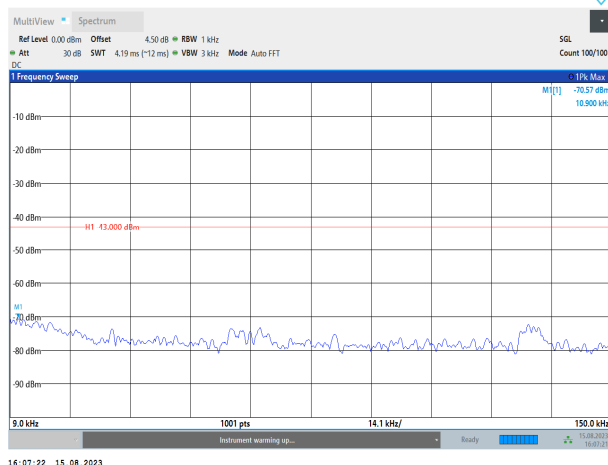


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Band II-9400-0.009~0.15MHz



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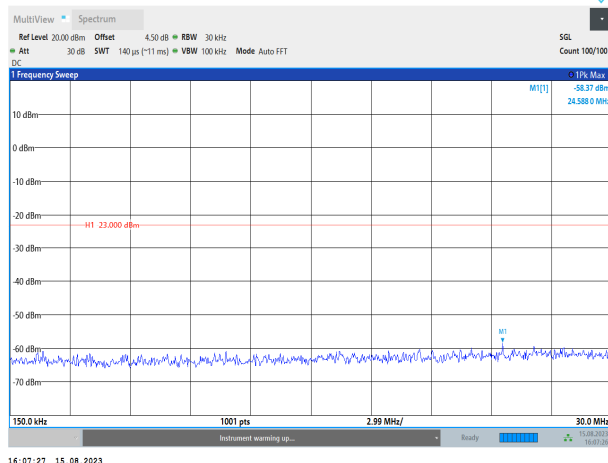
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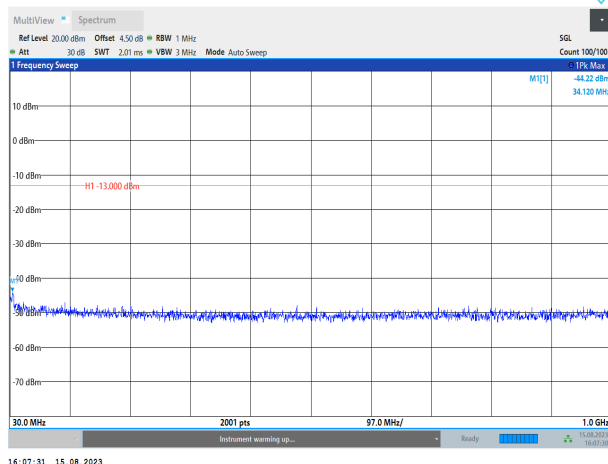
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Band II-9400-0.15~30MHz



Band II-9400-30~1000MHz



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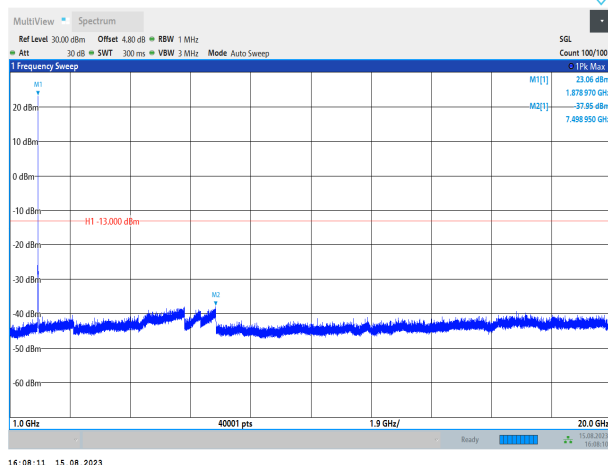


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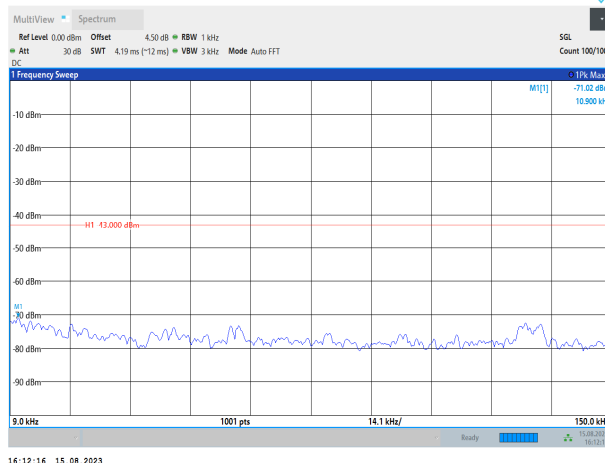
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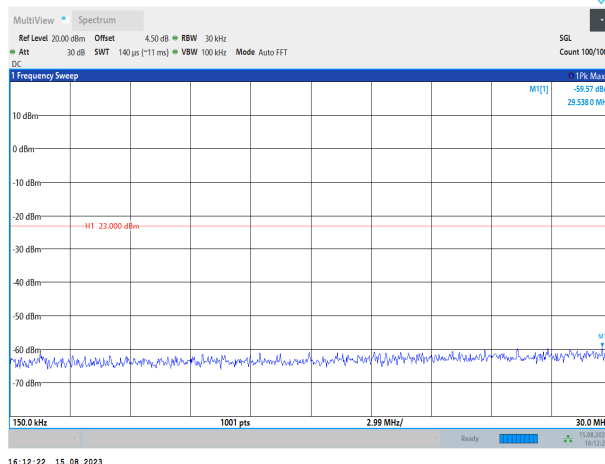
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Band II-9538-0.009~0.15MHz



Band II-9538-0.15~30MHz



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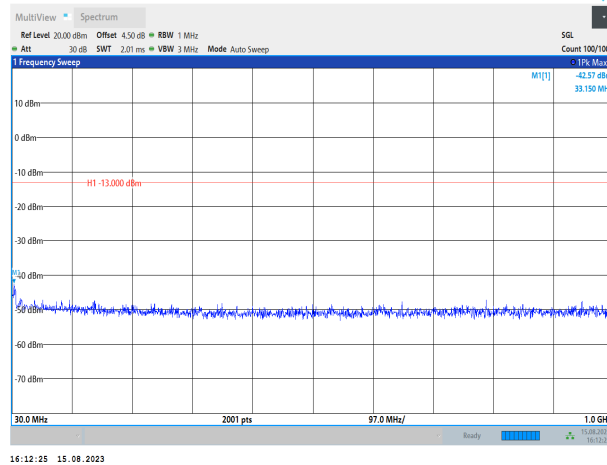
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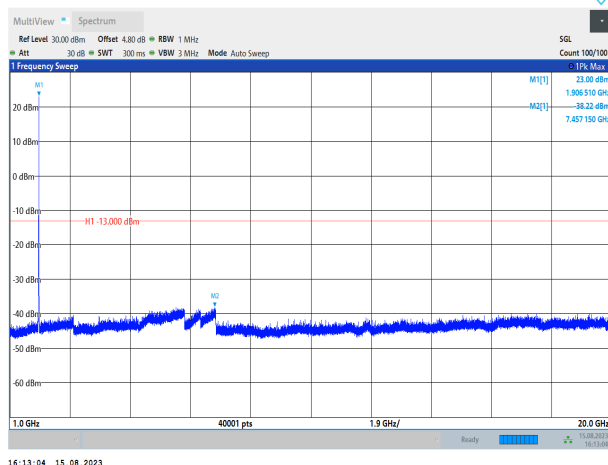


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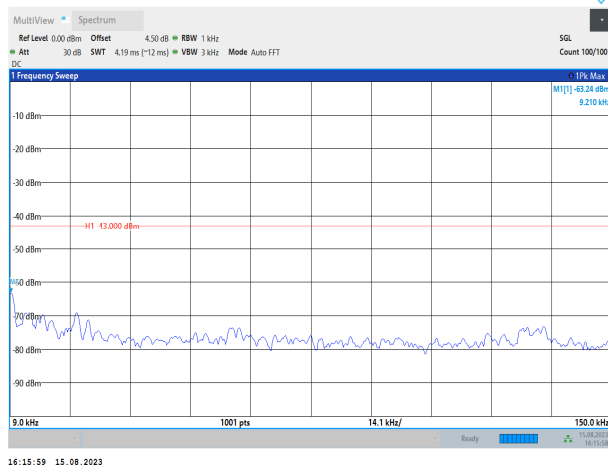
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Band II-9538-1000~20000MHz



Band IV-1312-0.009~0.15MHz



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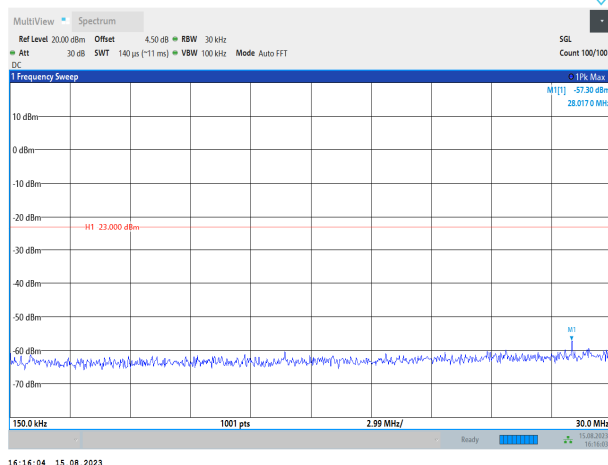


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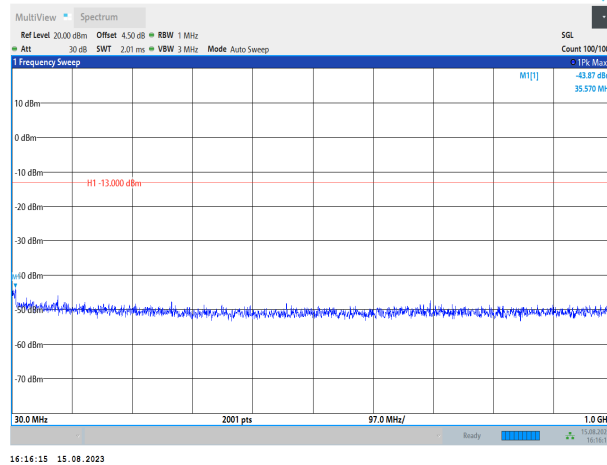
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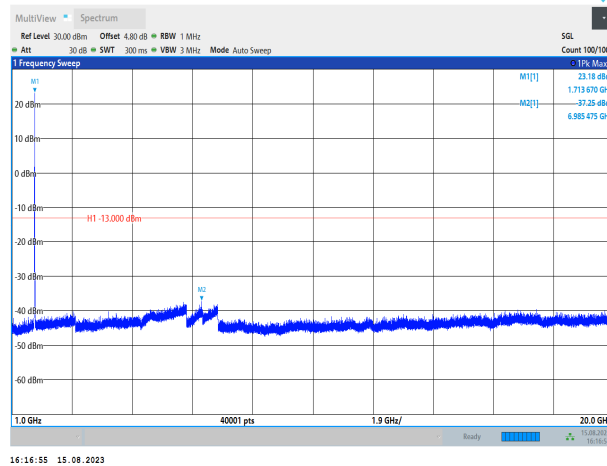
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Band IV-1312-30~1000MHz



Band IV-1312-1000~20000MHz



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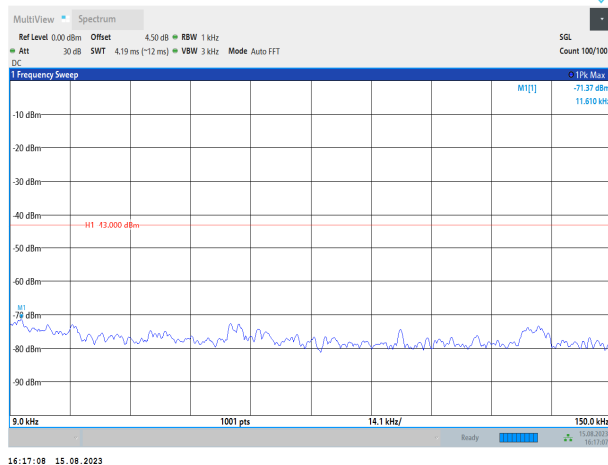
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Band IV-1413-0.009~0.15MHz



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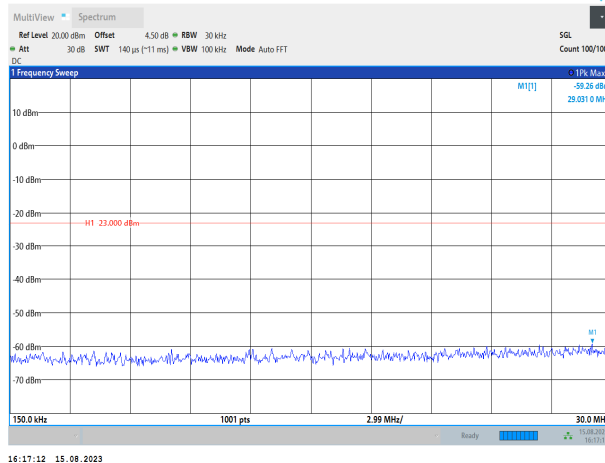
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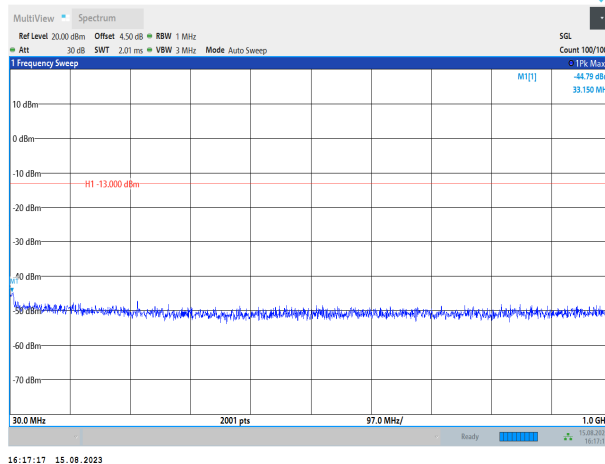
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Band IV-1413-0.15~30MHz



Band IV-1413-30~1000MHz



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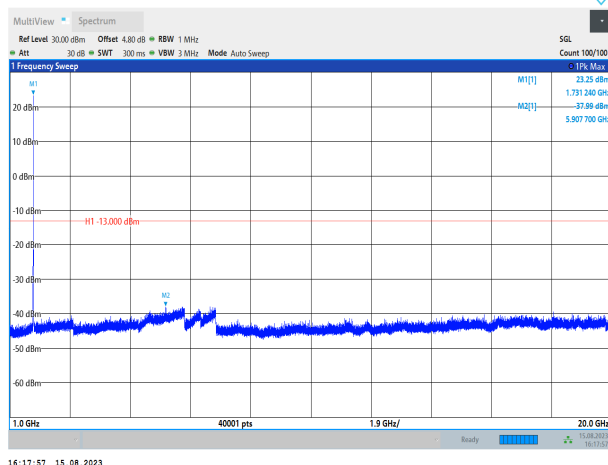


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Band IV-1413-1000~20000MHz



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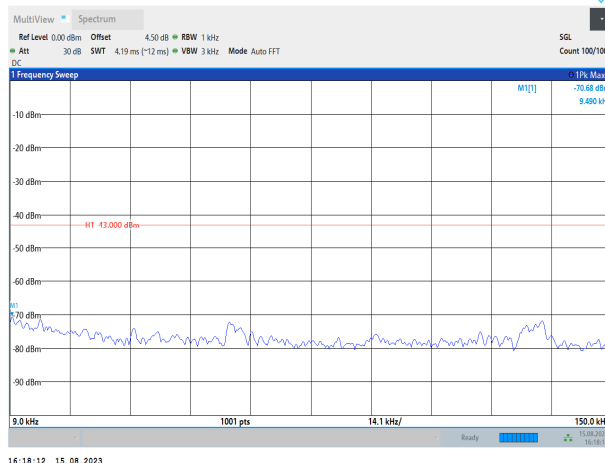
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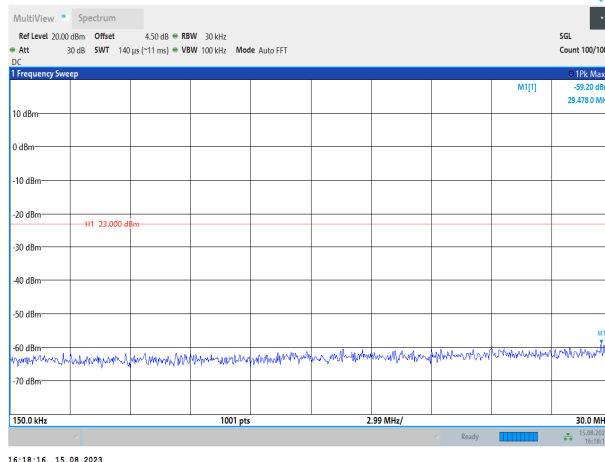
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Band IV-1513-0.009~0.15MHz



Band IV-1513-0.15~30MHz



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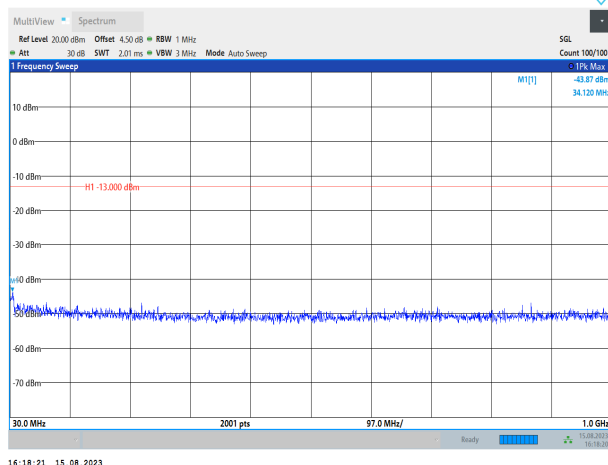


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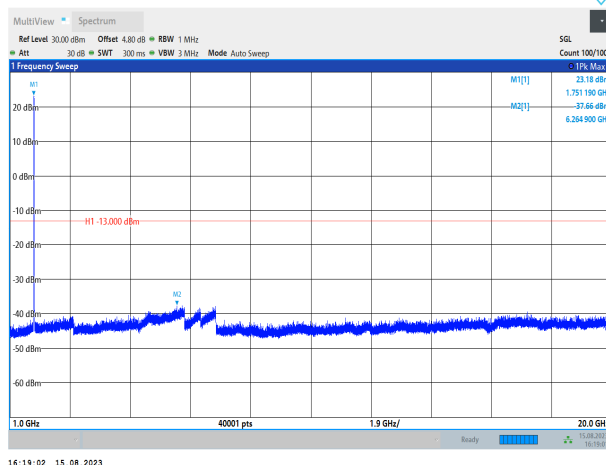


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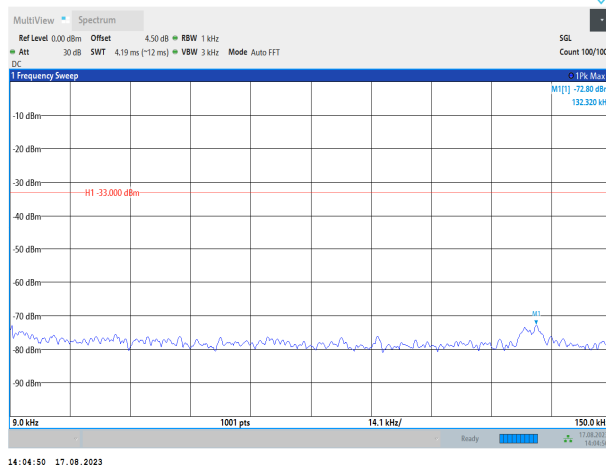
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Band IV-1513-1000~20000MHz



Band V-4132-0.009~0.15MHz



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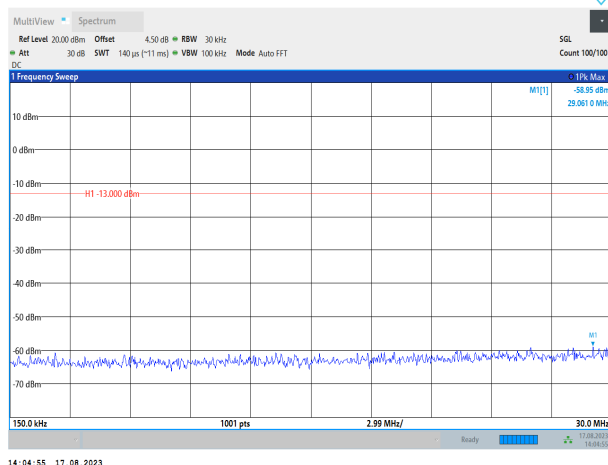


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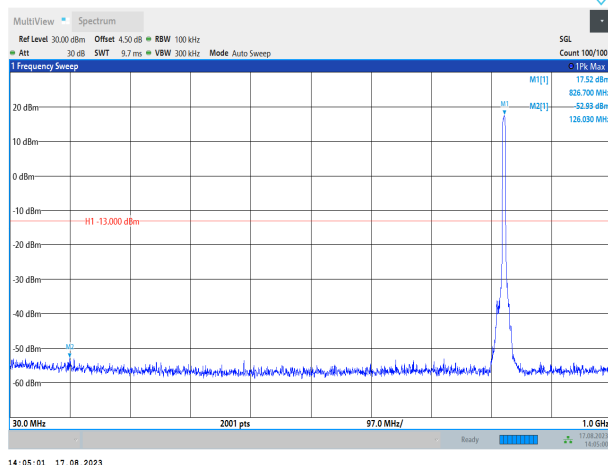
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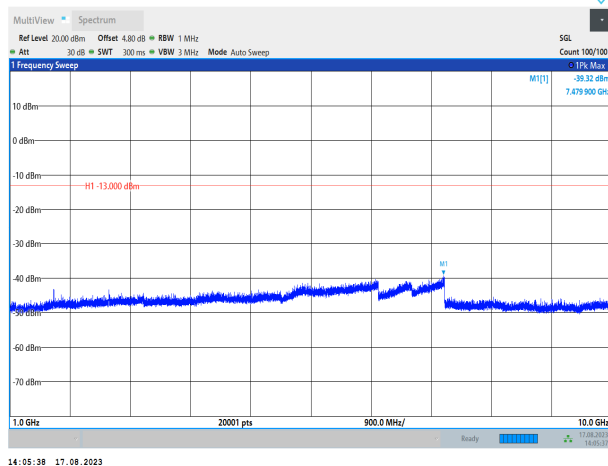
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Band V-4132-30~1000MHz



Band V-4132-1000~10000MHz



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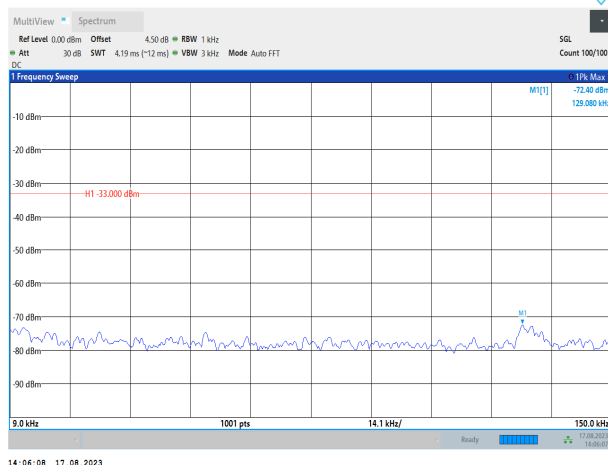


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Band V-4182-0.009~0.15MHz



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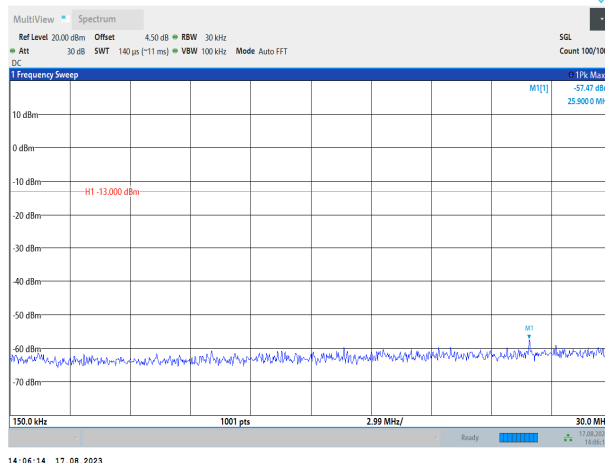
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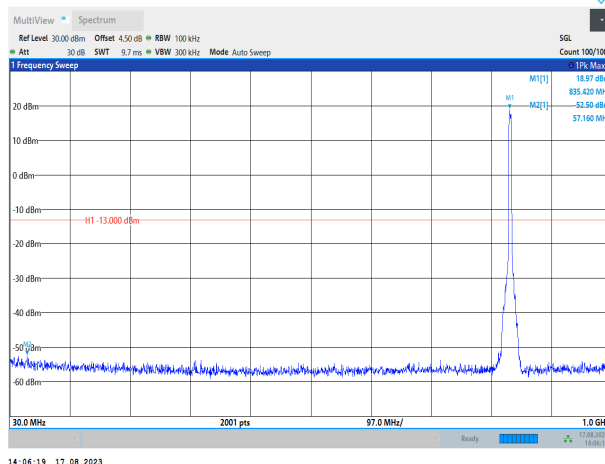
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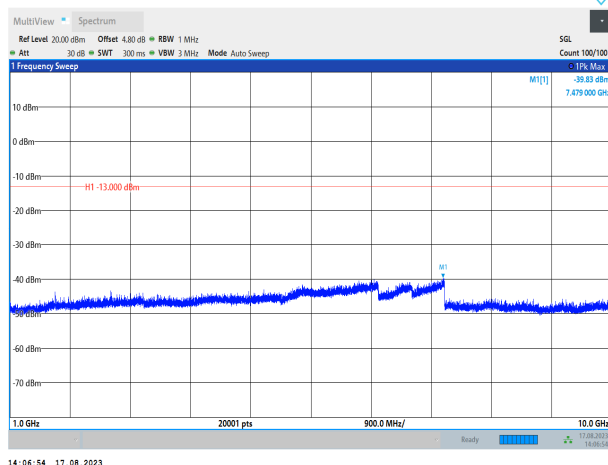


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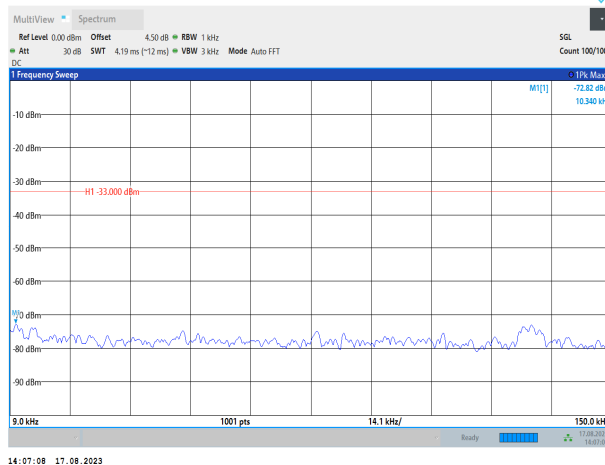
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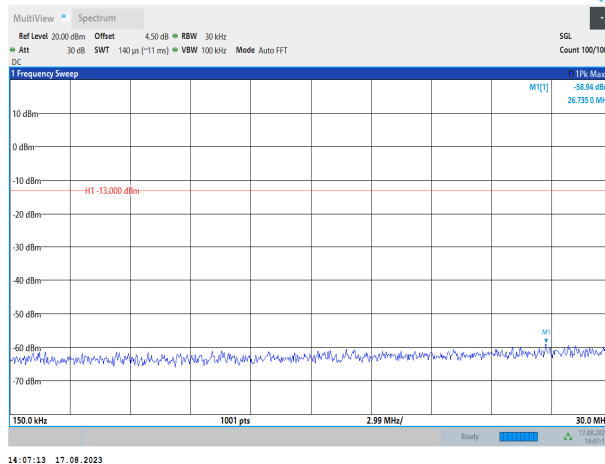
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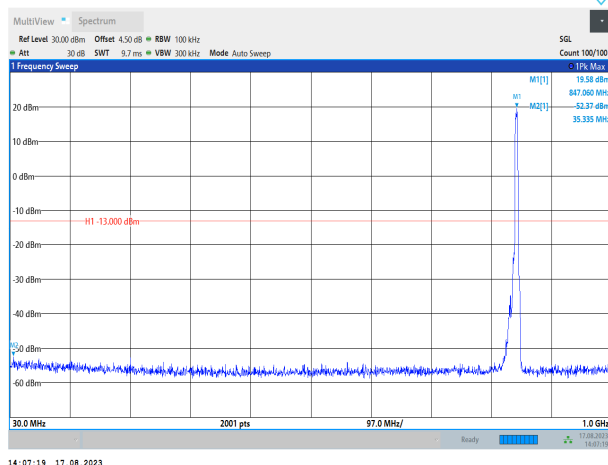
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Rev.: 01

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Band V-4233-30~1000MHz



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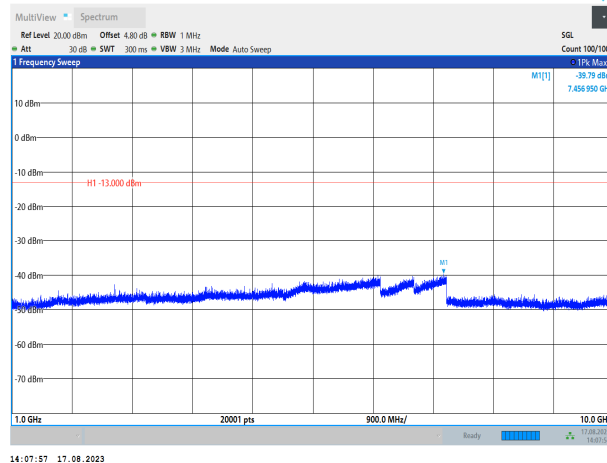
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Rev.: 01

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Band V-4233-1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = WCDMA Band II_ TM1

Test Channel = Low ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.8000	40.44	-45.52	28.81	-71.54	-13.00	58.54	244	60	Horizontal
2	5557.2000	39.95	-45.14	32.61	-67.84	-13.00	54.84	175	239	Horizontal
3	7409.6000	39.46	-43.38	36.35	-62.84	-13.00	49.84	142	359	Horizontal
4	9262.0000	36.63	-40.23	36.80	-62.06	-13.00	49.06	133	165	Horizontal
5	11114.4000	31.82	-37.88	38.71	-62.61	-13.00	49.61	256	239	Horizontal
6	14397.75	31.29	-34.83	41.06	-57.74	-13.00	44.74	269	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.8000	39.98	-45.52	28.81	-72.00	-13.00	59.00	145	104	Vertical
2	5557.2000	39.94	-45.14	32.61	-67.85	-13.00	54.85	111	59	Vertical
3	7409.6000	39.70	-43.38	36.35	-62.60	-13.00	49.60	152	316	Vertical
4	9262.0000	35.98	-40.23	36.80	-62.71	-13.00	49.71	188	227	Vertical
5	11114.4000	31.78	-37.88	38.71	-62.65	-13.00	49.65	187	242	Vertical
6	14364.75	32.28	-35.28	41.05	-57.21	-13.00	44.21	122	182	Vertical





Test Band = WCDMA Band II_ TM1

Test Channel = Mid ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760.0000	41.37	-45.75	28.86	-70.78	-13.00	57.78	152	165	Horizontal
2	5640.0000	39.27	-44.98	32.63	-68.34	-13.00	55.34	159	165	Horizontal
3	7520.0000	38.84	-43.10	36.61	-62.91	-13.00	49.91	186	121	Horizontal
4	9400.0000	35.86	-39.83	37.06	-62.17	-13.00	49.17	261	343	Horizontal
5	11280.0000	32.77	-37.41	38.73	-61.18	-13.00	48.18	142	360	Horizontal
6	14578.5	31.99	-35.19	41.13	-57.33	-13.00	44.33	105	16	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760.0000	41.09	-45.75	28.86	-71.06	-13.00	58.06	244	166	Vertical
2	5640.0000	39.38	-44.98	32.63	-68.23	-13.00	55.23	136	60	Vertical
3	7520.0000	37.95	-43.10	36.61	-63.80	-13.00	50.80	256	134	Vertical
4	9400.0000	35.10	-39.83	37.06	-62.93	-13.00	49.93	159	272	Vertical
5	11280.0000	33.27	-37.41	38.73	-60.68	-13.00	47.68	185	60	Vertical
6	14327.25	32.26	-35.79	41.03	-57.76	-13.00	44.76	144	0	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = High ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3815.2000	41.10	-45.97	28.92	-71.22	-13.00	58.22	266	59	Horizontal
2	5722.8000	39.57	-44.83	32.64	-67.87	-13.00	54.87	144	59	Horizontal
3	7630.0000	37.32	-42.99	36.65	-64.28	-13.00	51.28	123	13	Horizontal
4	9538.0000	34.29	-40.01	37.32	-63.66	-13.00	50.66	215	352	Horizontal
5	11445.6000	32.02	-37.34	38.74	-61.84	-13.00	48.84	188	238	Horizontal
6	13710	33.17	-36.18	40.38	-57.90	-13.00	44.90	175	209	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3815.2000	40.71	-45.97	28.92	-71.61	-13.00	58.61	156	150	Vertical
2	5722.8000	39.73	-44.83	32.64	-67.71	-13.00	54.71	259	209	Vertical
3	7630.0000	38.42	-42.99	36.65	-63.18	-13.00	50.18	184	1	Vertical
4	9538.0000	34.43	-40.01	37.32	-63.52	-13.00	50.52	172	16	Vertical
5	11445.6000	32.16	-37.34	38.74	-61.70	-13.00	48.70	136	209	Vertical
6	14500.5	32.25	-34.84	41.10	-56.75	-13.00	43.75	251	346	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = Low ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.8000	41.21	-45.52	28.81	-70.77	-13.00	57.77	244	134	Horizontal
2	5557.2000	40.60	-45.14	32.61	-67.19	-13.00	54.19	158	360	Horizontal
3	7409.6000	38.80	-43.38	36.35	-63.50	-13.00	50.50	177	74	Horizontal
4	9262.0000	36.02	-40.23	36.80	-62.67	-13.00	49.67	189	360	Horizontal
5	11114.4000	32.12	-37.88	38.71	-62.31	-13.00	49.31	142	148	Horizontal
6	16485	32.51	-33.94	40.70	-55.98	-13.00	42.98	133	208	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.8000	40.47	-45.52	28.81	-71.51	-13.00	58.51	253	242	Vertical
2	5557.2000	40.32	-45.14	32.61	-67.47	-13.00	54.47	124	227	Vertical
3	7409.6000	39.10	-43.38	36.35	-63.20	-13.00	50.20	156	1	Vertical
4	9262.0000	35.84	-40.23	36.80	-62.85	-13.00	49.85	199	30	Vertical
5	11114.4000	32.35	-37.88	38.71	-62.08	-13.00	49.08	154	165	Vertical
6	13705.5	33.20	-36.17	40.37	-57.86	-13.00	44.86	178	151	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = Mid ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760.0000	41.26	-45.75	28.86	-70.89	-13.00	57.89	211	227	Horizontal
2	5640.0000	39.15	-44.98	32.63	-68.46	-13.00	55.46	154	31	Horizontal
3	7520.0000	38.51	-43.10	36.61	-63.24	-13.00	50.24	156	16	Horizontal
4	9400.0000	35.35	-39.83	37.06	-62.68	-13.00	49.68	236	288	Horizontal
5	11280.0000	32.85	-37.41	38.73	-61.10	-13.00	48.10	291	122	Horizontal
6	14622.75	32.01	-35.14	41.15	-57.25	-13.00	44.25	198	197	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760.0000	40.52	-45.75	28.86	-71.63	-13.00	58.63	144	46	Vertical
2	5640.0000	39.32	-44.98	32.63	-68.29	-13.00	55.29	120	29	Vertical
3	7520.0000	37.91	-43.10	36.61	-63.84	-13.00	50.84	302	8	Vertical
4	9400.0000	35.57	-39.83	37.06	-62.46	-13.00	49.46	156	74	Vertical
5	11280.0000	33.15	-37.41	38.73	-60.80	-13.00	47.80	166	195	Vertical
6	13668.75	32.47	-36.14	40.30	-58.62	-13.00	45.62	251	74	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = High ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3815.2000	41.84	-45.97	28.92	-70.48	-13.00	57.48	225	44	Horizontal
2	5722.8000	39.40	-44.83	32.64	-68.04	-13.00	55.04	259	240	Horizontal
3	7630.0000	38.07	-42.99	36.65	-63.53	-13.00	50.53	154	75	Horizontal
4	9538.0000	34.18	-40.01	37.32	-63.77	-13.00	50.77	188	135	Horizontal
5	11445.6000	32.52	-37.34	38.74	-61.34	-13.00	48.34	142	286	Horizontal
6	13307.25	32.67	-36.84	39.65	-59.78	-13.00	46.78	170	121	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3815.2000	41.51	-45.97	28.92	-70.81	-13.00	57.81	142	286	Vertical
2	5722.8000	39.58	-44.83	32.64	-67.86	-13.00	54.86	126	43	Vertical
3	7630.0000	38.39	-42.99	36.65	-63.21	-13.00	50.21	253	317	Vertical
4	9538.0000	34.28	-40.01	37.32	-63.67	-13.00	50.67	188	105	Vertical
5	11445.6000	32.51	-37.34	38.74	-61.35	-13.00	48.35	169	240	Vertical
6	14510.25	32.14	-34.89	41.10	-56.90	-13.00	43.90	261	120	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Low ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.75	-46.27	28.56	-71.23	-13.00	58.23	244	120	Horizontal
2	5137.2000	39.54	-45.34	31.73	-69.33	-13.00	56.33	156	29	Horizontal
3	6849.6000	39.75	-44.14	34.93	-64.72	-13.00	51.72	261	14	Horizontal
4	8562.0000	36.26	-41.44	36.52	-63.92	-13.00	50.92	199	353	Horizontal
5	10274.4000	34.12	-39.19	38.34	-62.00	-13.00	49.00	184	179	Horizontal
6	13846.5	33.01	-35.96	40.62	-57.58	-13.00	44.58	172	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.52	-46.27	28.56	-71.46	-13.00	58.46	222	209	Vertical
2	5137.2000	39.72	-45.34	31.73	-69.15	-13.00	56.15	140	346	Vertical
3	6849.6000	39.22	-44.14	34.93	-65.25	-13.00	52.25	153	75	Vertical
4	8562.0000	36.69	-41.44	36.52	-63.49	-13.00	50.49	263	134	Vertical
5	10274.4000	33.64	-39.19	38.34	-62.48	-13.00	49.48	210	179	Vertical
6	13708.5	33.18	-36.18	40.38	-57.89	-13.00	44.89	159	104	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Mid ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	41.98	-46.27	28.58	-70.97	-13.00	57.97	145	46	Horizontal
2	5197.8000	40.54	-45.28	31.88	-68.13	-13.00	55.13	126	360	Horizontal
3	6930.4000	39.02	-43.93	35.08	-65.10	-13.00	52.10	256	181	Horizontal
4	8663.0000	36.61	-41.56	36.47	-63.74	-13.00	50.74	199	360	Horizontal
5	10395.6000	33.87	-39.01	38.40	-62.01	-13.00	49.01	185	257	Horizontal
6	14314.5	32.87	-35.96	41.03	-57.33	-13.00	44.33	147	30	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	41.83	-46.27	28.58	-71.12	-13.00	58.12	236	148	Vertical
2	5197.8000	39.99	-45.28	31.88	-68.68	-13.00	55.68	254	148	Vertical
3	6930.4000	39.29	-43.93	35.08	-64.83	-13.00	51.83	142	356	Vertical
4	8663.0000	36.58	-41.56	36.47	-63.77	-13.00	50.77	156	356	Vertical
5	10395.6000	33.88	-39.01	38.40	-62.00	-13.00	49.00	261	120	Vertical
6	13703.25	33.42	-36.17	40.37	-57.64	-13.00	44.64	188	15	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = High ANT2

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	41.53	-46.25	28.61	-71.38	-13.00	58.38	247	359	Horizontal
2	5257.8000	40.35	-45.17	32.02	-68.06	-13.00	55.06	145	360	Horizontal
3	7010.4000	38.62	-43.62	35.23	-65.03	-13.00	52.03	156	195	Horizontal
4	8763.0000	36.91	-41.41	36.42	-63.34	-13.00	50.34	236	74	Horizontal
5	10515.6000	33.36	-38.75	38.46	-62.19	-13.00	49.19	259	357	Horizontal
6	14385	32.25	-35.00	41.05	-56.96	-13.00	43.96	191	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	41.58	-46.25	28.61	-71.33	-13.00	58.33	244	356	Vertical
2	5257.8000	40.65	-45.17	32.02	-67.76	-13.00	54.76	158	150	Vertical
3	7010.4000	38.45	-43.62	35.23	-65.20	-13.00	52.20	174	255	Vertical
4	8763.0000	36.69	-41.41	36.42	-63.56	-13.00	50.56	142	195	Vertical
5	10515.6000	33.59	-38.75	38.46	-61.96	-13.00	48.96	106	255	Vertical
6	14494.5	32.24	-34.84	41.10	-56.76	-13.00	43.76	153	29	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Low ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.19	-46.27	28.56	-71.79	-13.00	58.79	244	60	Horizontal
2	5137.2000	40.00	-45.34	31.73	-68.87	-13.00	55.87	152	330	Horizontal
3	6849.6000	39.61	-44.14	34.93	-64.86	-13.00	51.86	165	360	Horizontal
4	8562.0000	36.51	-41.44	36.52	-63.67	-13.00	50.67	185	151	Horizontal
5	10274.4000	33.58	-39.19	38.34	-62.54	-13.00	49.54	126	105	Horizontal
6	13438.5	33.27	-36.58	39.89	-58.68	-13.00	45.68	231	151	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.42	-46.27	28.56	-71.56	-13.00	58.56	244	59	Vertical
2	5137.2000	40.00	-45.34	31.73	-68.87	-13.00	55.87	152	148	Vertical
3	6849.6000	39.11	-44.14	34.93	-65.36	-13.00	52.36	126	210	Vertical
4	8562.0000	36.58	-41.44	36.52	-63.60	-13.00	50.60	135	210	Vertical
5	10274.4000	34.19	-39.19	38.34	-61.93	-13.00	48.93	188	314	Vertical
6	13695	33.79	-36.16	40.35	-57.28	-13.00	44.28	140	314	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Mid ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	41.73	-46.27	28.58	-71.22	-13.00	58.22	248	4	Horizontal
2	5197.8000	39.98	-45.28	31.88	-68.69	-13.00	55.69	178	360	Horizontal
3	6930.4000	39.01	-43.93	35.08	-65.11	-13.00	52.11	165	360	Horizontal
4	8663.0000	37.32	-41.56	36.47	-63.03	-13.00	50.03	142	75	Horizontal
5	10395.6000	34.20	-39.01	38.40	-61.68	-13.00	48.68	155	256	Horizontal
6	14833.5	32.51	-35.08	41.23	-56.60	-13.00	43.60	190	239	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	41.72	-46.27	28.58	-71.23	-13.00	58.23	211	2	Vertical
2	5197.8000	41.07	-45.28	31.88	-67.60	-13.00	54.60	126	211	Vertical
3	6930.4000	38.91	-43.93	35.08	-65.21	-13.00	52.21	254	58	Vertical
4	8663.0000	37.41	-41.56	36.47	-62.94	-13.00	49.94	153	257	Vertical
5	10395.6000	34.51	-39.01	38.40	-61.37	-13.00	48.37	219	148	Vertical
6	13690.5	33.98	-36.15	40.34	-57.09	-13.00	44.09	188	242	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = High ANT3

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	41.51	-46.25	28.61	-71.40	-13.00	58.40	241	344	Horizontal
2	5257.8000	40.27	-45.17	32.02	-68.14	-13.00	55.14	136	14	Horizontal
3	7010.4000	38.90	-43.62	35.23	-64.75	-13.00	51.75	251	360	Horizontal
4	8763.0000	36.76	-41.41	36.42	-63.49	-13.00	50.49	188	3	Horizontal
5	10515.6000	33.50	-38.75	38.46	-62.05	-13.00	49.05	196	286	Horizontal
6	14440.5	32.32	-34.82	41.08	-56.68	-13.00	43.68	254	344	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	41.59	-46.25	28.61	-71.32	-13.00	58.32	211	47	Vertical
2	5257.8000	40.60	-45.17	32.02	-67.81	-13.00	54.81	126	272	Vertical
3	7010.4000	39.17	-43.62	35.23	-64.48	-13.00	51.48	236	0	Vertical
4	8763.0000	36.84	-41.41	36.42	-63.41	-13.00	50.41	256	226	Vertical
5	10515.6000	33.85	-38.75	38.46	-61.70	-13.00	48.70	169	212	Vertical
6	13764	33.93	-36.31	40.48	-57.17	-13.00	44.17	189	1	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Low ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.69	-46.27	28.56	-71.29	-13.00	58.29	241	46	Horizontal
2	5137.2000	39.91	-45.34	31.73	-68.96	-13.00	55.96	153	91	Horizontal
3	6849.6000	39.98	-44.14	34.93	-64.49	-13.00	51.49	163	181	Horizontal
4	8562.0000	36.86	-41.44	36.52	-63.32	-13.00	50.32	254	358	Horizontal
5	10274.4000	33.85	-39.19	38.34	-62.27	-13.00	49.27	177	301	Horizontal
6	13700.25	33.59	-36.16	40.36	-57.47	-13.00	44.47	189	60	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.53	-46.27	28.56	-71.45	-13.00	58.45	210	270	Vertical
2	5137.2000	39.55	-45.34	31.73	-69.32	-13.00	56.32	142	256	Vertical
3	6849.6000	39.63	-44.14	34.93	-64.84	-13.00	51.84	153	2	Vertical
4	8562.0000	36.28	-41.44	36.52	-63.90	-13.00	50.90	263	104	Vertical
5	10274.4000	34.06	-39.19	38.34	-62.06	-13.00	49.06	251	42	Vertical
6	13703.25	33.72	-36.17	40.37	-57.34	-13.00	44.34	158	181	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Mid ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	42.65	-46.27	28.58	-70.30	-13.00	57.30	142	4	Horizontal
2	5197.8000	40.38	-45.28	31.88	-68.29	-13.00	55.29	322	360	Horizontal
3	6930.4000	39.70	-43.93	35.08	-64.42	-13.00	51.42	210	256	Horizontal
4	8663.0000	37.36	-41.56	36.47	-62.99	-13.00	49.99	156	239	Horizontal
5	10395.6000	34.03	-39.01	38.40	-61.85	-13.00	48.85	238	352	Horizontal
6	13629	32.82	-36.10	40.23	-58.31	-13.00	45.31	192	61	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	42.01	-46.27	28.58	-70.94	-13.00	57.94	144	16	Vertical
2	5197.8000	40.29	-45.28	31.88	-68.38	-13.00	55.38	126	357	Vertical
3	6930.4000	39.44	-43.93	35.08	-64.68	-13.00	51.68	258	103	Vertical
4	8663.0000	36.96	-41.56	36.47	-63.39	-13.00	50.39	169	0	Vertical
5	10395.6000	33.45	-39.01	38.40	-62.43	-13.00	49.43	142	357	Vertical
6	14369.25	32.47	-35.22	41.05	-56.96	-13.00	43.96	188	1	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = High ANT4

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	41.30	-46.25	28.61	-71.61	-13.00	58.61	233	270	Horizontal
2	5257.8000	40.64	-45.17	32.02	-67.77	-13.00	54.77	145	165	Horizontal
3	7010.4000	39.05	-43.62	35.23	-64.60	-13.00	51.60	165	225	Horizontal
4	8763.0000	37.16	-41.41	36.42	-63.09	-13.00	50.09	251	75	Horizontal
5	10515.6000	34.03	-38.75	38.46	-61.52	-13.00	48.52	188	353	Horizontal
6	14445	32.25	-34.82	41.08	-56.75	-13.00	43.75	140	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	41.78	-46.25	28.61	-71.13	-13.00	58.13	233	330	Vertical
2	5257.8000	40.32	-45.17	32.02	-68.09	-13.00	55.09	214	164	Vertical
3	7010.4000	39.70	-43.62	35.23	-63.95	-13.00	50.95	166	0	Vertical
4	8763.0000	37.02	-41.41	36.42	-63.23	-13.00	50.23	158	2	Vertical
5	10515.6000	33.15	-38.75	38.46	-62.40	-13.00	49.40	149	43	Vertical
6	13716.75	33.72	-36.20	40.39	-57.35	-13.00	44.35	105	0	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Low ANT5

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.09	-46.27	28.56	-71.89	-13.00	58.89	177	359	Horizontal
2	5137.2000	40.55	-45.34	31.73	-68.32	-13.00	55.32	142	271	Horizontal
3	6849.6000	38.75	-44.14	34.93	-65.72	-13.00	52.72	259	271	Horizontal
4	8562.0000	36.79	-41.44	36.52	-63.39	-13.00	50.39	118	4	Horizontal
5	10274.4000	33.71	-39.19	38.34	-62.41	-13.00	49.41	196	121	Horizontal
6	14883	32.23	-34.79	41.25	-56.57	-13.00	43.57	236	46	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	41.74	-46.27	28.56	-71.24	-13.00	58.24	198	181	Vertical
2	5137.2000	39.68	-45.34	31.73	-69.19	-13.00	56.19	118	357	Vertical
3	6849.6000	39.90	-44.14	34.93	-64.57	-13.00	51.57	142	29	Vertical
4	8562.0000	36.33	-41.44	36.52	-63.85	-13.00	50.85	139	255	Vertical
5	10274.4000	34.18	-39.19	38.34	-61.94	-13.00	48.94	251	104	Vertical
6	13763.25	33.86	-36.31	40.47	-57.24	-13.00	44.24	146	0	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = Mid ANT5

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	42.06	-46.27	28.58	-70.89	-13.00	57.89	215	121	Horizontal
2	5197.8000	40.31	-45.28	31.88	-68.36	-13.00	55.36	142	357	Horizontal
3	6930.4000	38.94	-43.93	35.08	-65.18	-13.00	52.18	184	359	Horizontal
4	8663.0000	37.95	-41.56	36.47	-62.40	-13.00	49.40	168	31	Horizontal
5	10395.6000	33.62	-39.01	38.40	-62.26	-13.00	49.26	192	256	Horizontal
6	13315.5	33.13	-36.79	39.67	-59.25	-13.00	46.25	173	105	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	42.18	-46.27	28.58	-70.77	-13.00	57.77	244	179	Vertical
2	5197.8000	40.18	-45.28	31.88	-68.49	-13.00	55.49	156	329	Vertical
3	6930.4000	38.60	-43.93	35.08	-65.52	-13.00	52.52	136	1	Vertical
4	8663.0000	36.66	-41.56	36.47	-63.69	-13.00	50.69	256	2	Vertical
5	10395.6000	33.33	-39.01	38.40	-62.55	-13.00	49.55	159	2	Vertical
6	13369.5	33.06	-36.48	39.77	-58.92	-13.00	45.92	188	15	Vertical



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Test Band = WCDMA Band IV_ TM1

Test Channel = High ANT5

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	43.17	-46.25	28.61	-69.74	-13.00	56.74	244	242	Horizontal
2	5257.8000	41.04	-45.17	32.02	-67.37	-13.00	54.37	178	44	Horizontal
3	7010.4000	39.71	-43.62	35.23	-63.94	-13.00	50.94	186	105	Horizontal
4	8763.0000	36.68	-41.41	36.42	-63.57	-13.00	50.57	253	256	Horizontal
5	10515.6000	34.82	-38.75	38.46	-60.73	-13.00	47.73	261	345	Horizontal
6	13731.75	34.43	-36.24	40.42	-56.65	-13.00	43.65	149	151	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	42.38	-46.25	28.61	-70.53	-13.00	57.53	244	0	Vertical
2	5257.8000	40.57	-45.17	32.02	-67.84	-13.00	54.84	126	0	Vertical
3	7010.4000	39.37	-43.62	35.23	-64.28	-13.00	51.28	258	120	Vertical
4	8763.0000	37.45	-41.41	36.42	-62.80	-13.00	49.80	147	300	Vertical
5	10515.6000	33.64	-38.75	38.46	-61.91	-13.00	48.91	186	29	Vertical
6	13698	34.95	-36.16	40.36	-56.11	-13.00	43.11	293	330	Vertical



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Test Band = WCDMA Band V_ TM1

Test Channel = Low ANT0

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1652.8000	48.26	-48.22	25.28	-69.94	-13.00	56.94	214	171	Horizontal
2	2479.2000	42.99	-47.31	27.24	-72.33	-13.00	59.33	158	51	Horizontal
3	3305.6000	42.72	-46.67	28.48	-70.73	-13.00	57.73	187	355	Horizontal
4	4132.0000	41.49	-45.92	29.42	-70.27	-13.00	57.27	126	237	Horizontal
5	4958.4000	41.20	-45.72	31.31	-68.47	-13.00	55.47	135	132	Horizontal
6	7010.8571	41.52	-43.64	35.23	-62.15	-13.00	49.15	140	360	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1652.8000	44.68	-48.22	25.28	-73.52	-13.00	60.52	255	200	Vertical
2	2479.2000	43.21	-47.31	27.24	-72.11	-13.00	59.11	142	240	Vertical
3	3305.6000	43.02	-46.67	28.48	-70.43	-13.00	57.43	189	213	Vertical
4	4132.0000	41.66	-45.92	29.42	-70.10	-13.00	57.10	236	347	Vertical
5	4958.4000	41.62	-45.72	31.31	-68.05	-13.00	55.05	261	1	Vertical
6	6466.8571	41.72	-44.68	34.19	-64.03	-13.00	51.03	145	319	Vertical



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Test Band = WCDMA Band V_ TM1

Test Channel = Mid ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1672.8000	43.87	-48.19	25.31	-74.27	-13.00	61.27	244	3	Horizontal
2	2509.2000	43.17	-47.24	27.32	-72.01	-13.00	59.01	189	349	Horizontal
3	3345.6000	43.54	-46.62	28.51	-69.83	-13.00	56.83	172	117	Horizontal
4	4182.0000	41.05	-45.95	29.54	-70.62	-13.00	57.62	163	65	Horizontal
5	5018.4000	40.87	-45.73	31.45	-68.67	-13.00	55.67	231	360	Horizontal
6	6319.4286	41.47	-44.64	33.72	-64.70	-13.00	51.70	158	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1672.8000	43.40	-48.19	25.31	-74.74	-13.00	61.74	214	58	Vertical
2	2509.2000	43.86	-47.24	27.32	-71.32	-13.00	58.32	175	0	Vertical
3	3345.6000	42.37	-46.62	28.51	-71.00	-13.00	58.00	133	334	Vertical
4	4182.0000	40.74	-45.95	29.54	-70.93	-13.00	57.93	261	320	Vertical
5	5018.4000	40.47	-45.73	31.45	-69.07	-13.00	56.07	154	0	Vertical
6	7004.5714	40.75	-43.60	35.21	-62.90	-13.00	49.90	188	10	Vertical



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Test Band = WCDMA Band V_ TM1

Test Channel = High ANT0

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1693.2000	43.63	-48.17	25.34	-74.46	-13.00	61.46	241	265	Horizontal
2	2539.8000	42.93	-47.13	27.38	-72.08	-13.00	59.08	126	26	Horizontal
3	3386.4000	42.51	-46.56	28.53	-70.78	-13.00	57.78	135	4	Horizontal
4	4233.0000	41.13	-45.90	29.66	-70.37	-13.00	57.37	189	360	Horizontal
5	5079.6000	40.75	-45.47	31.59	-68.38	-13.00	55.38	196	359	Horizontal
6	6737.7143	41.89	-44.08	34.73	-62.72	-13.00	49.72	254	40	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1693.2000	43.25	-48.17	25.34	-74.84	-13.00	61.84	211	0	Vertical
2	2539.8000	43.00	-47.13	27.38	-72.01	-13.00	59.01	154	175	Vertical
3	3386.4000	42.47	-46.56	28.53	-70.82	-13.00	57.82	178	201	Vertical
4	4233.0000	41.26	-45.90	29.66	-70.24	-13.00	57.24	186	356	Vertical
5	5079.6000	40.90	-45.47	31.59	-68.23	-13.00	55.23	236	109	Vertical
6	6335.4286	41.82	-44.66	33.77	-64.32	-13.00	51.32	251	42	Vertical



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Test Band = WCDMA Band V_ TM1

Test Channel = Low ANT1

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1652.8000	48.18	-48.22	25.28	-70.02	-13.00	57.02	220	183	Horizontal
2	2479.2000	43.41	-47.31	27.24	-71.91	-13.00	58.91	120	91	Horizontal
3	3305.6000	42.64	-46.67	28.48	-70.81	-13.00	57.81	236	360	Horizontal
4	4132.0000	41.39	-45.92	29.42	-70.37	-13.00	57.37	251	316	Horizontal
5	4958.4000	41.24	-45.72	31.31	-68.43	-13.00	55.43	184	209	Horizontal
6	7402.8571	41.44	-43.26	36.33	-60.76	-13.00	47.76	159	13	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1652.8000	44.13	-48.22	25.28	-74.07	-13.00	61.07	211	2	Vertical
2	2479.2000	42.72	-47.31	27.24	-72.60	-13.00	59.60	157	1	Vertical
3	3305.6000	42.74	-46.67	28.48	-70.71	-13.00	57.71	142	0	Vertical
4	4132.0000	41.14	-45.92	29.42	-70.62	-13.00	57.62	186	243	Vertical
5	4958.4000	41.27	-45.72	31.31	-68.40	-13.00	55.40	265	83	Vertical
6	6824.5714	41.89	-44.13	34.88	-62.62	-13.00	49.62	154	1	Vertical



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Test Band = WCDMA Band V_ TM1

Test Channel = Mid ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1672.8000	43.58	-48.19	25.31	-74.56	-13.00	61.56	229	176	Horizontal
2	2509.2000	43.55	-47.24	27.32	-71.63	-13.00	58.63	256	189	Horizontal
3	3345.6000	42.64	-46.62	28.51	-70.73	-13.00	57.73	234	4	Horizontal
4	4182.0000	40.99	-45.95	29.54	-70.68	-13.00	57.68	175	120	Horizontal
5	5018.4000	40.29	-45.73	31.45	-69.25	-13.00	56.25	152	360	Horizontal
6	7217.1429	40.54	-43.80	35.81	-62.71	-13.00	49.71	162	92	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1672.8000	42.85	-48.19	25.31	-75.29	-13.00	62.29	210	356	Vertical
2	2509.2000	43.65	-47.24	27.32	-71.53	-13.00	58.53	145	70	Vertical
3	3345.6000	42.35	-46.62	28.51	-71.02	-13.00	58.02	128	216	Vertical
4	4182.0000	41.09	-45.95	29.54	-70.58	-13.00	57.58	175	18	Vertical
5	5018.4000	40.65	-45.73	31.45	-68.89	-13.00	55.89	136	31	Vertical
6	7334.2857	40.64	-43.40	36.14	-61.88	-13.00	48.88	226	281	Vertical



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Test Band = WCDMA Band V_ TM1

Test Channel = High ANT1

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1693.2000	43.82	-48.17	25.34	-74.27	-13.00	61.27	241	4	Horizontal
2	2539.8000	42.96	-47.13	27.38	-72.05	-13.00	59.05	126	145	Horizontal
3	3386.4000	42.07	-46.56	28.53	-71.22	-13.00	58.22	251	13	Horizontal
4	4233.0000	41.06	-45.90	29.66	-70.44	-13.00	57.44	157	185	Horizontal
5	5079.6000	40.92	-45.47	31.59	-68.21	-13.00	55.21	186	132	Horizontal
6	6511.4286	41.65	-44.63	34.32	-63.92	-13.00	50.92	261	159	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1693.2000	43.48	-48.17	25.34	-74.61	-13.00	61.61	122	0	Vertical
2	2539.8000	42.92	-47.13	27.38	-72.09	-13.00	59.09	163	4	Vertical
3	3386.4000	42.54	-46.56	28.53	-70.75	-13.00	57.75	254	242	Vertical
4	4233.0000	42.03	-45.90	29.66	-69.47	-13.00	56.47	148	242	Vertical
5	5079.6000	40.93	-45.47	31.59	-68.20	-13.00	55.20	175	123	Vertical
6	6990.2857	40.83	-43.63	35.18	-62.88	-13.00	49.88	269	320	Vertical



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Test on the worst case:

Test Band = WCDMA Band II_ TM1

Test Channel = Low ANT3

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3704.8000	40.25	-45.52	28.81	-71.73	-13.00	58.73	Horizontal
2	5557.2000	39.76	-45.14	32.61	-68.03	-13.00	55.03	Horizontal
3	7409.6000	37.29	-43.38	36.35	-65.01	-13.00	52.01	Horizontal
4	9262.0000	31.95	-40.23	36.80	-66.74	-13.00	53.74	Horizontal
5	11114.4000	25.74	-37.88	38.71	-68.69	-13.00	55.69	Horizontal
6	13866.75	26.92	-35.77	40.66	-63.45	-13.00	50.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3704.8000	40.24	-45.52	28.81	-71.74	-13.00	58.74	Vertical
2	5557.2000	40.30	-45.14	32.61	-67.49	-13.00	54.49	Vertical
3	7409.6000	37.31	-43.38	36.35	-64.99	-13.00	51.99	Vertical
4	9262.0000	32.28	-40.23	36.80	-66.41	-13.00	53.41	Vertical
5	11114.4000	26.80	-37.88	38.71	-67.63	-13.00	54.63	Vertical
6	13902	26.72	-35.46	40.72	-63.27	-13.00	50.27	Vertical





Test Band = WCDMA Band II_ TM1

Test Channel = Mid ANT3

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3760.0000	39.53	-45.75	28.86	-72.62	-13.00	59.62	Horizontal
2	5640.0000	37.89	-44.98	32.63	-69.72	-13.00	56.72	Horizontal
3	7520.0000	36.72	-43.10	36.61	-65.03	-13.00	52.03	Horizontal
4	9400.0000	31.82	-39.83	37.06	-66.21	-13.00	53.21	Horizontal
5	11280.0000	27.71	-37.41	38.73	-66.24	-13.00	53.24	Horizontal
6	13846.5	26.98	-35.96	40.62	-63.61	-13.00	50.61	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3760.0000	40.45	-45.75	28.86	-71.70	-13.00	58.70	Vertical
2	5640.0000	38.44	-44.98	32.63	-69.17	-13.00	56.17	Vertical
3	7520.0000	36.93	-43.10	36.61	-64.82	-13.00	51.82	Vertical
4	9400.0000	32.03	-39.83	37.06	-66.00	-13.00	53.00	Vertical
5	11280.0000	28.56	-37.41	38.73	-65.39	-13.00	52.39	Vertical
6	13839	27.49	-36.03	40.61	-63.19	-13.00	50.19	Vertical



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Test Band = WCDMA Band II_ TM1

Test Channel = High ANT3

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3815.2000	41.52	-45.97	28.92	-70.80	-13.00	57.80	Horizontal
2	5722.8000	38.57	-44.83	32.64	-68.87	-13.00	55.87	Horizontal
3	7630.0000	37.01	-42.99	36.65	-64.59	-13.00	51.59	Horizontal
4	9538.0000	32.29	-40.01	37.32	-65.66	-13.00	52.66	Horizontal
5	11445.6000	28.66	-37.34	38.74	-65.20	-13.00	52.20	Horizontal
6	13806	27.98	-36.34	40.55	-63.07	-13.00	50.07	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3815.2000	41.02	-45.97	28.92	-71.30	-13.00	58.30	Vertical
2	5722.8000	39.21	-44.83	32.64	-68.23	-13.00	55.23	Vertical
3	7630.0000	37.13	-42.99	36.65	-64.47	-13.00	51.47	Vertical
4	9538.0000	32.44	-40.01	37.32	-65.51	-13.00	52.51	Vertical
5	11445.6000	28.63	-37.34	38.74	-65.23	-13.00	52.23	Vertical
6	13903.5	27.21	-35.46	40.73	-62.78	-13.00	49.78	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

Test Result

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band II	9400	VL	NT	1.14	0.000606	PASS
Band II	9400	VN	NT	5.09	0.002707	PASS
Band II	9400	VH	NT	2.90	0.001543	PASS
Band IV	1413	VL	NT	-3.04	-0.001755	PASS
Band IV	1413	VN	NT	-2.76	-0.001593	PASS
Band IV	1413	VH	NT	-2.45	-0.001414	PASS

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band V	4182	VL	NT	-0.01	-0.000012	±2.5	PASS
Band V	4182	VN	NT	0.00	0.000000	±2.5	PASS
Band V	4182	VH	NT	-0.05	-0.000060	±2.5	PASS



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Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band II	9400	NV	-30	2.27	0.001207	PASS
Band II	9400	NV	-20	2.50	0.001330	PASS
Band II	9400	NV	-10	0.36	0.000268	PASS
Band II	9400	NV	0	0.45	0.000239	PASS
Band II	9400	NV	10	1.09	0.000580	PASS
Band II	9400	NV	20	3.02	0.001606	PASS
Band II	9400	NV	30	3.49	0.001856	PASS
Band II	9400	NV	40	2.62	0.001394	PASS
Band II	9400	NV	50	5.92	0.003149	PASS
Band IV	1413	NV	-30	-2.42	-0.001397	PASS
Band IV	1413	NV	-20	-2.99	-0.001726	PASS
Band IV	1413	NV	-10	-2.56	-0.001635	PASS
Band IV	1413	NV	0	-2.68	-0.001547	PASS
Band IV	1413	NV	10	-2.58	-0.001489	PASS
Band IV	1413	NV	20	-2.76	-0.001593	PASS
Band IV	1413	NV	30	-3.08	-0.001778	PASS
Band IV	1413	NV	40	-6.12	-0.003532	PASS
Band IV	1413	NV	50	-2.60	-0.001501	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band V	4182	NV	-30	-0.24	-0.000287	±2.5	PASS
Band V	4182	NV	-20	-0.16	-0.000191	±2.5	PASS
Band V	4182	NV	-10	-0.19	-0.000238	±2.5	PASS
Band V	4182	NV	0	-0.15	-0.000179	±2.5	PASS
Band V	4182	NV	10	-0.13	-0.000155	±2.5	PASS
Band V	4182	NV	20	-0.12	-0.000143	±2.5	PASS
Band V	4182	NV	30	-0.18	-0.000215	±2.5	PASS
Band V	4182	NV	40	-0.29	-0.000347	±2.5	PASS
Band V	4182	NV	50	-0.16	-0.000191	±2.5	PASS

---End of Attachment---



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