



Report No.: SUHR/2022/1001001  
Rev.: 01  
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# Appendix



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	23.26	20.56	33	PASS
Band2	9400	23.13	20.43	33	PASS
Band2	9538	23.88	21.18	33	PASS
Band4	1312	23.91	23.05	30	PASS
Band4	1413	23.78	22.92	30	PASS
Band4	1513	23.88	23.02	30	PASS
Band5	4132	24.64	17.64	38.5	PASS
Band5	4182	24.91	17.91	38.5	PASS
Band5	4233	24.92	17.92	38.5	PASS



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### Peak-to-Average Ratio

#### Test Result

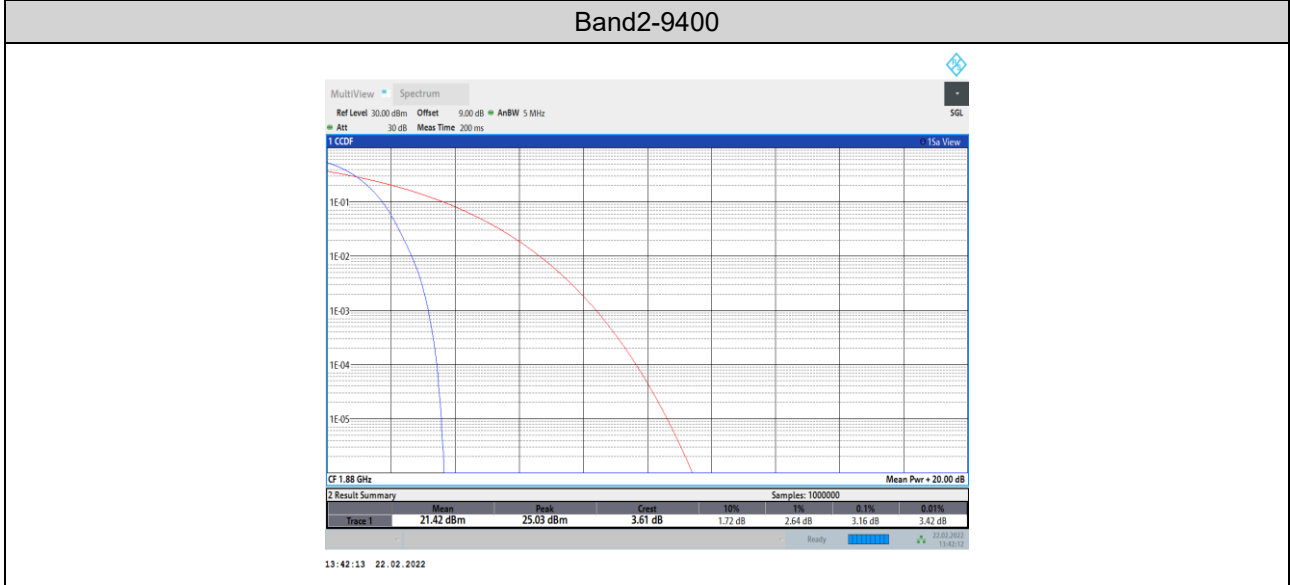
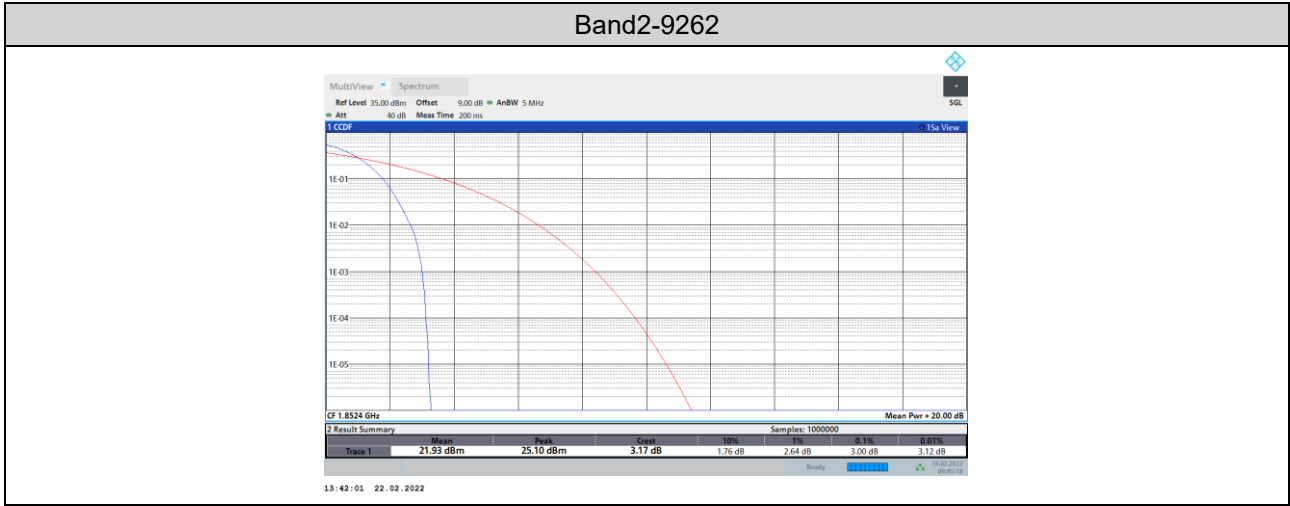
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.00	13	PASS
Band2	9400	3.16	13	PASS
Band2	9538	3.16	13	PASS
Band4	1312	3.22	13	PASS
Band4	1413	3.24	13	PASS
Band4	1513	3.26	13	PASS
Band5	4132	3.06	13	PASS
Band5	4182	2.64	13	PASS
Band5	4233	3.02	13	PASS



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Test Graphs

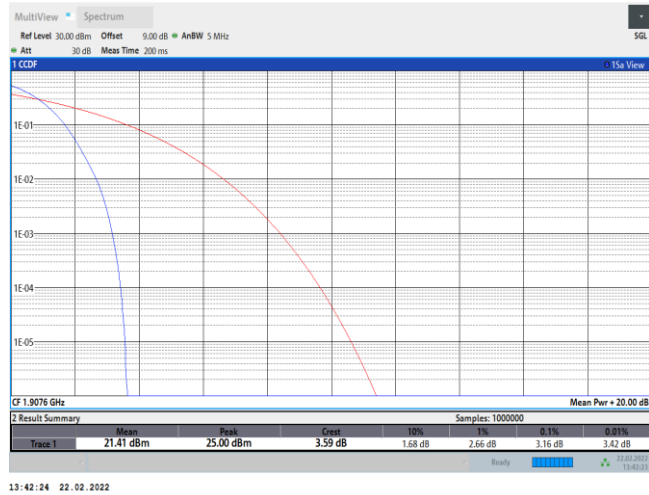


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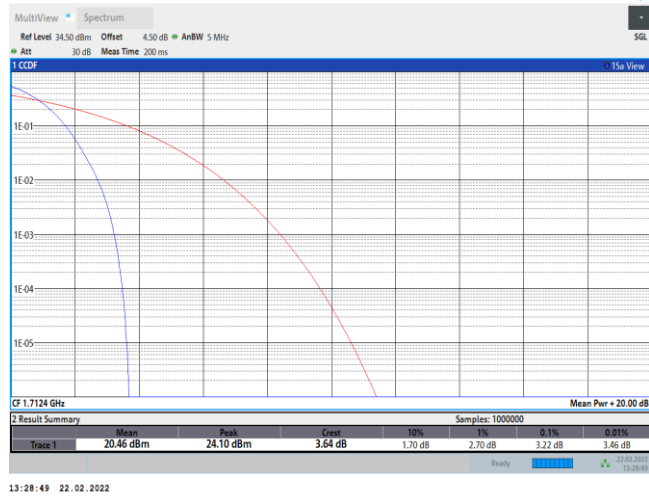
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Band2-9538



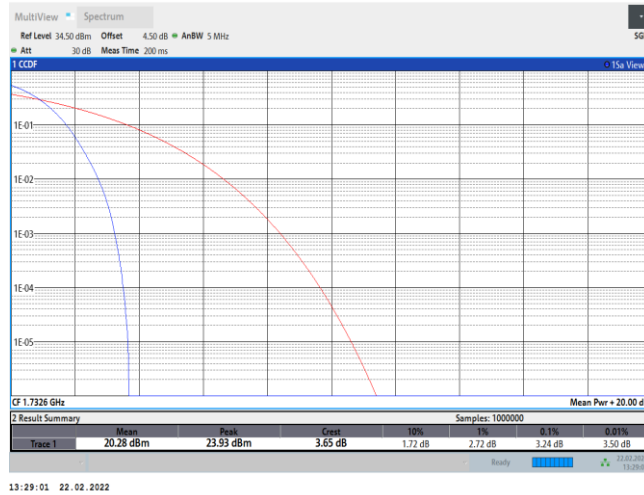
Band4-1312



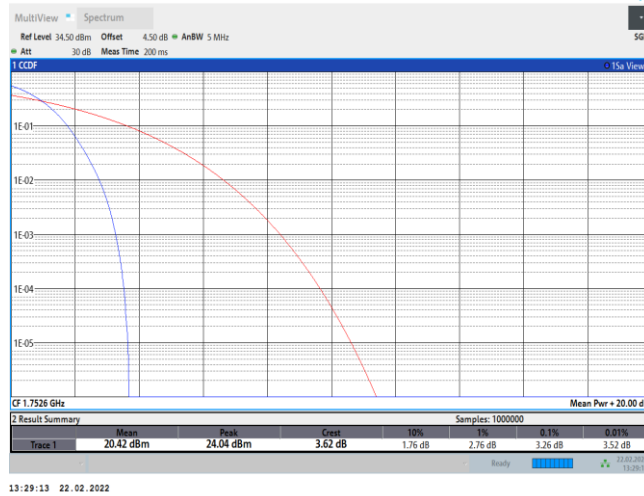
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Band4-1413



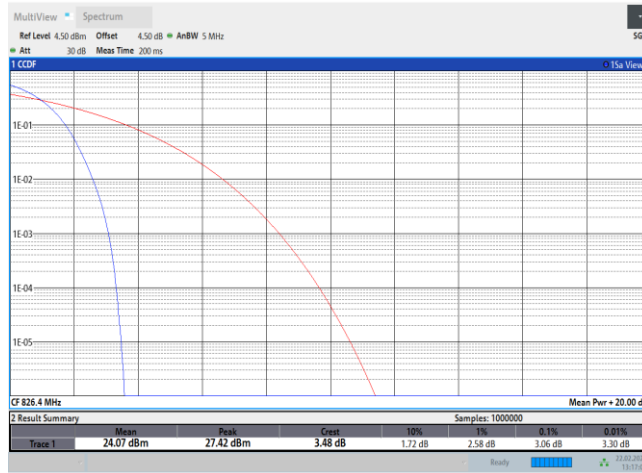
Band4-1513



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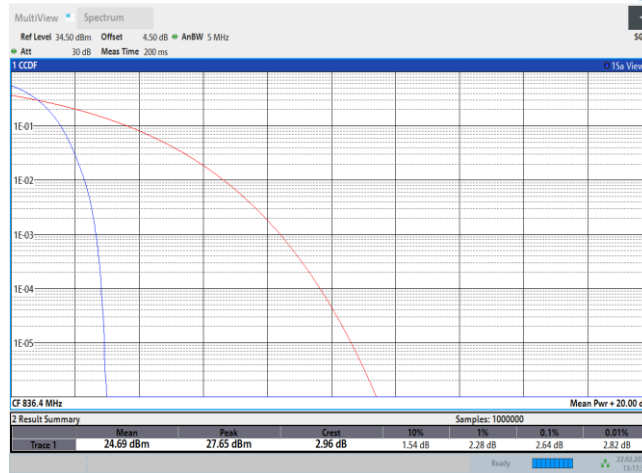
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Band5-4132



13:17:07 22.02.2022

Band5-4182



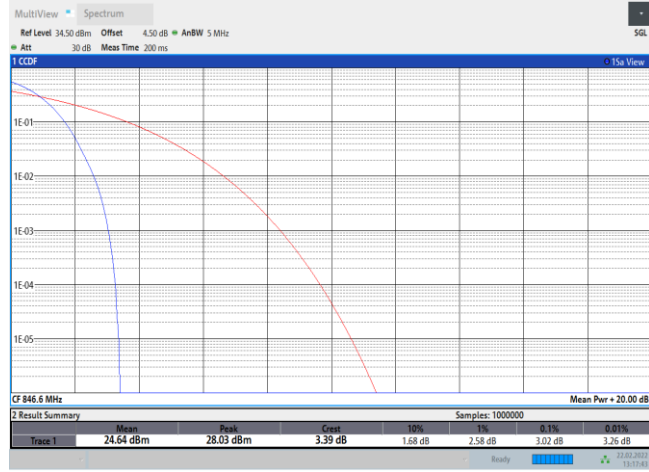
13:17:31 22.02.2022



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Band5-4233



13:17:43 22.02.2022



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### Modulation Characteristics

#### Test Result

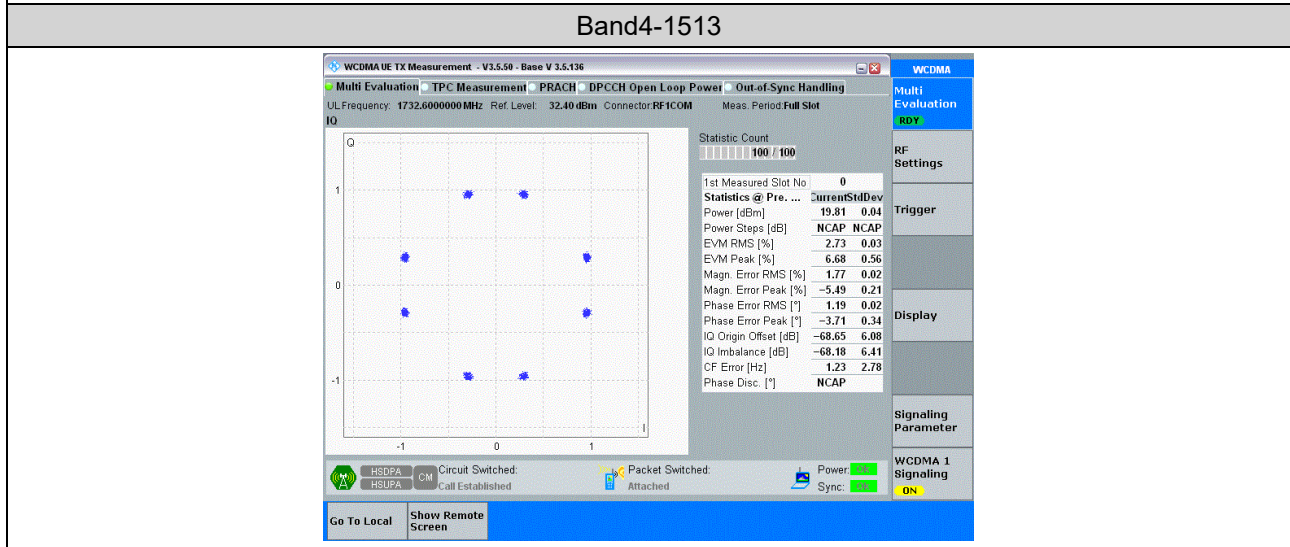
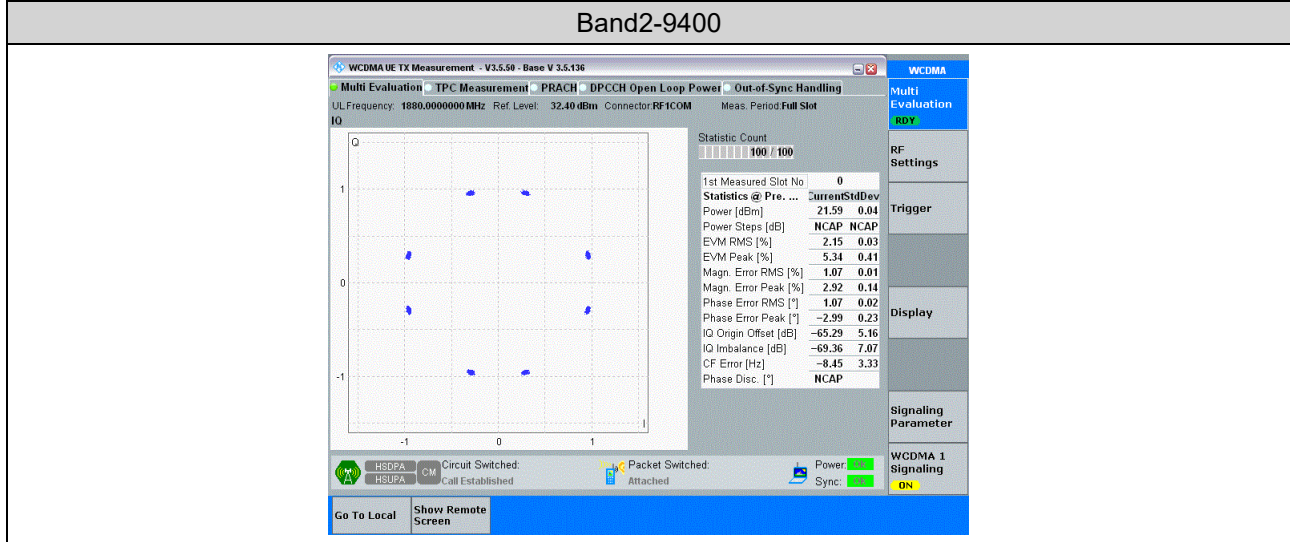
Band	Channel	Result	Verdict
Band2	9400	PASS	PASS
Band4	1413	PASS	PASS
Band5	4182	PASS	PASS



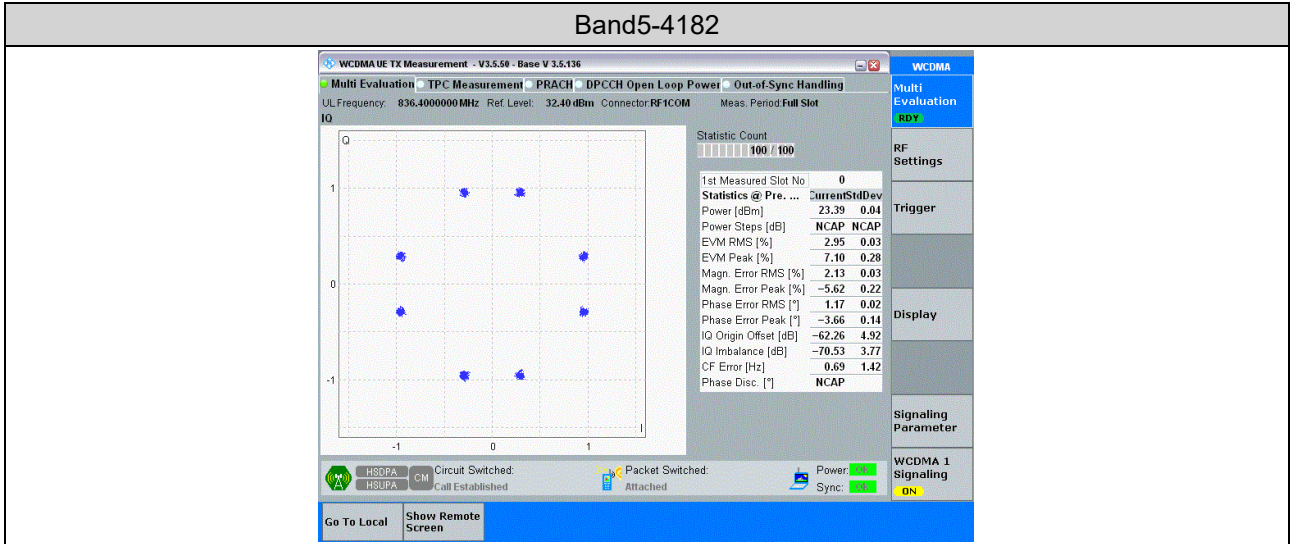
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Test Graphs



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

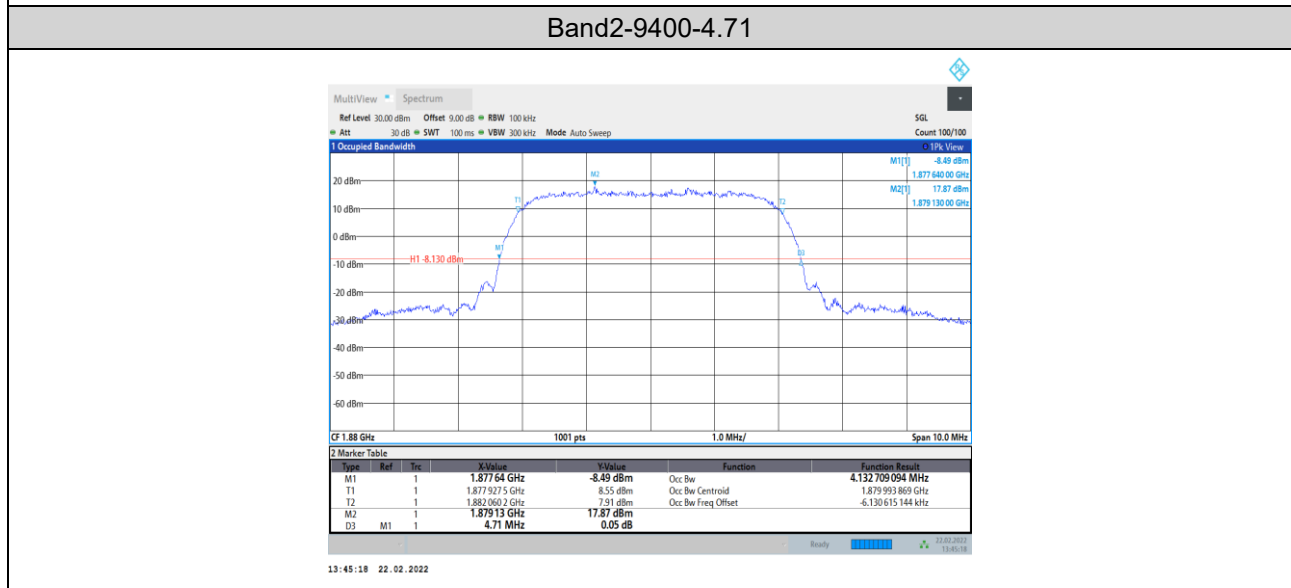
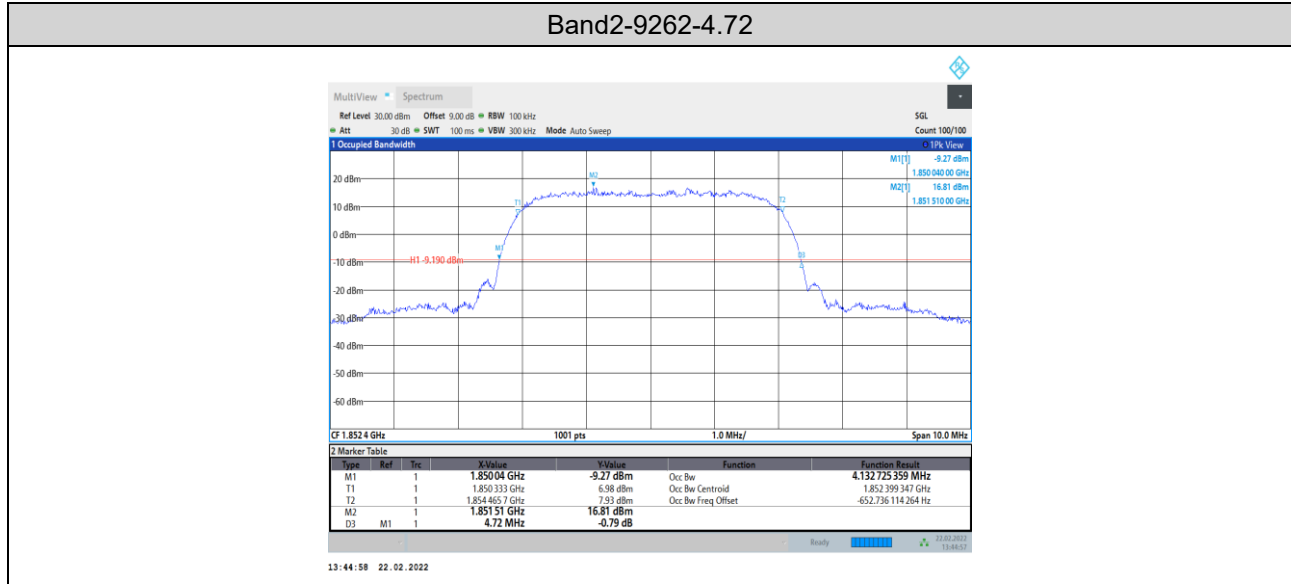
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	4.133	4.72	---	PASS
Band2	9400	4.133	4.71	---	PASS
Band2	9538	4.112	4.71	---	PASS
Band4	1312	4.106	4.70	---	PASS
Band4	1413	4.107	4.70	---	PASS
Band4	1513	4.108	4.72	---	PASS
Band5	4132	4.113	4.71	---	PASS
Band5	4182	4.113	4.75	---	PASS
Band5	4233	4.108	4.73	---	PASS



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Test Graphs

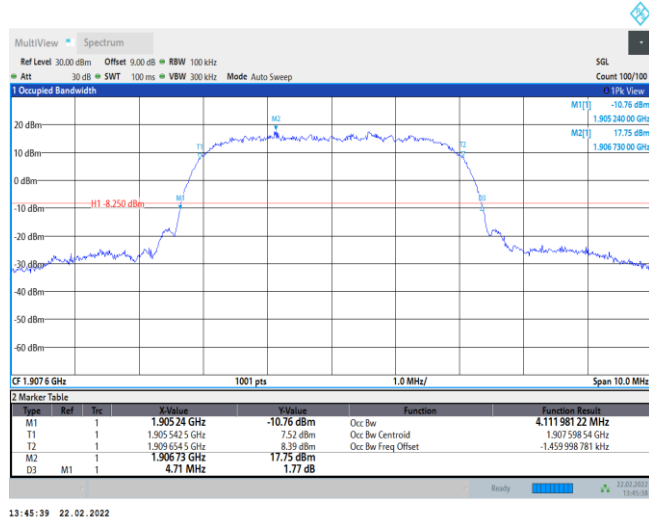


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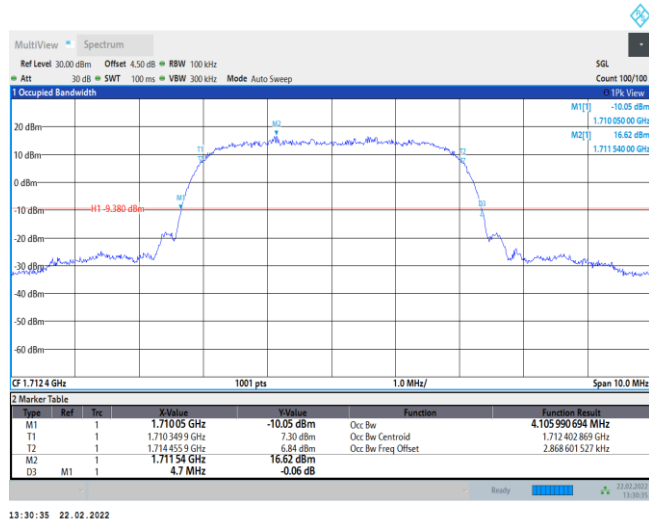
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Band2-9538-4.71

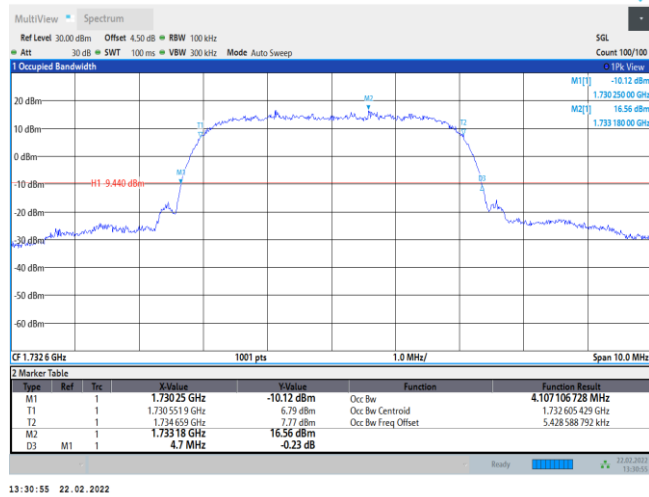


Band4-1312-4.70

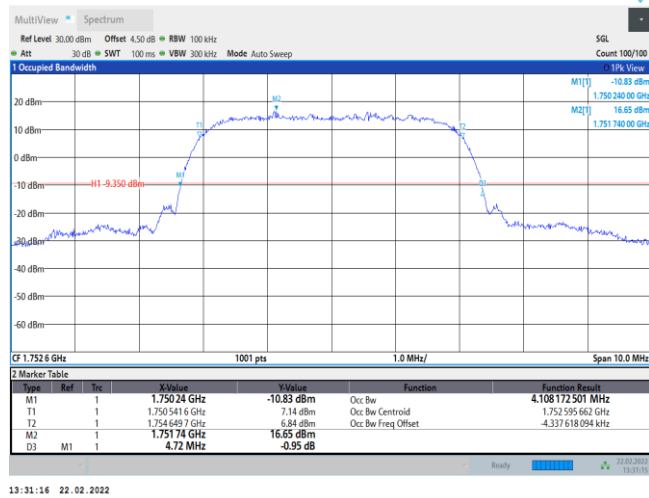


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Band4-1413-4.70



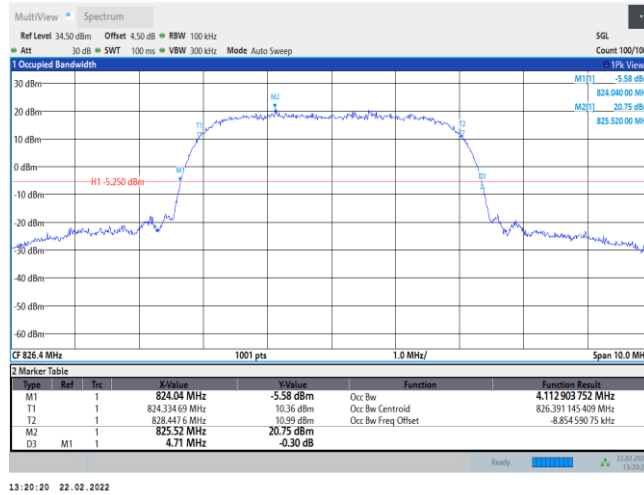
Band4-1513-4.72



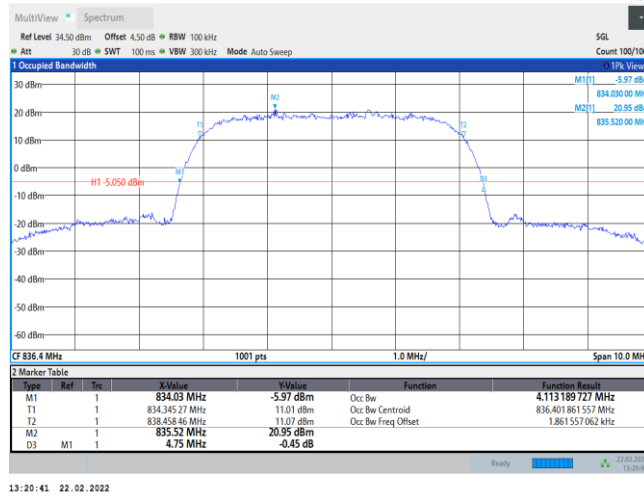
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Band5-4132-4.71



Band5-4182-4.75



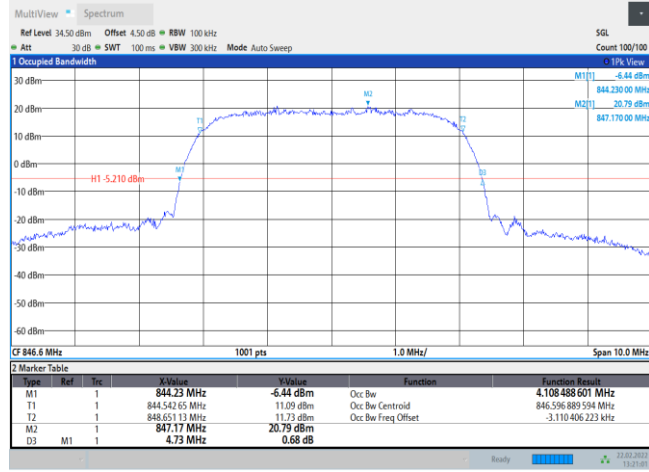
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Band5-4233-4.73



13:21:02 22.02.2022



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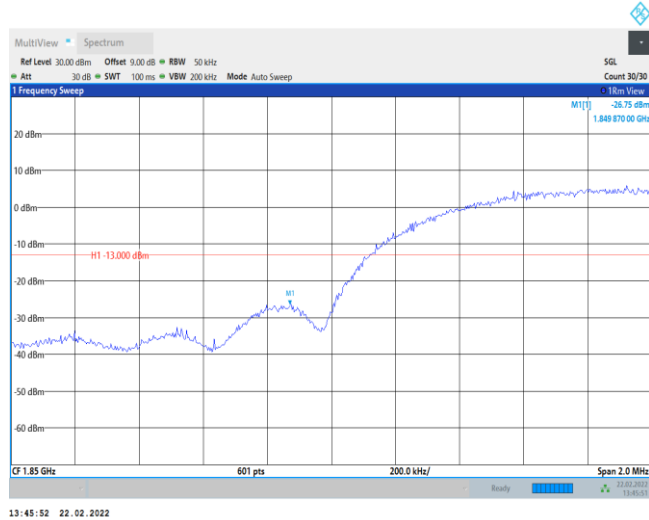
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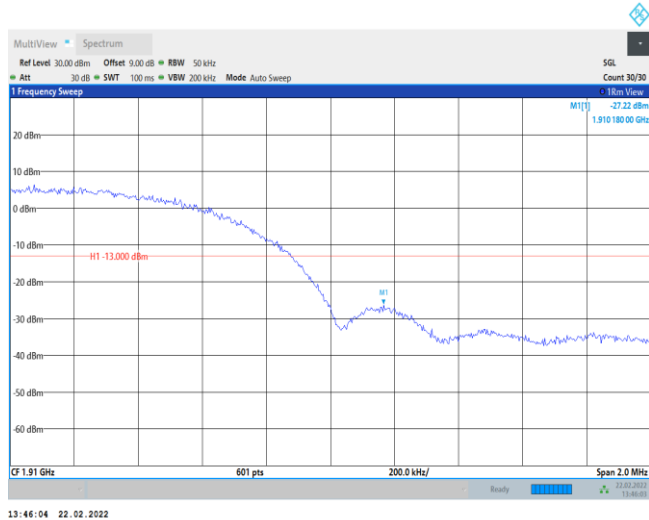
## Band Edge

## Test Graphs

Band2-9262



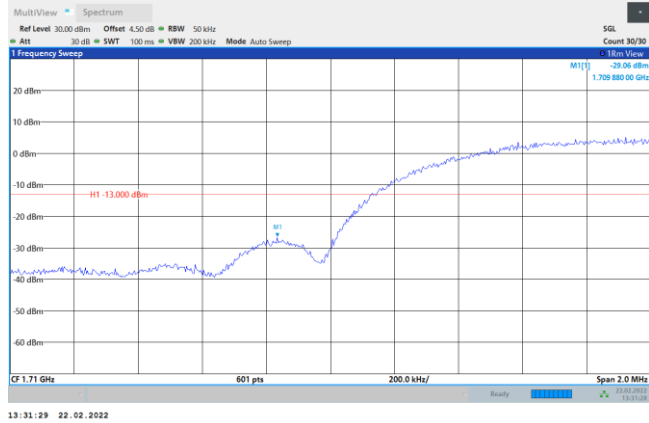
Band2-9538



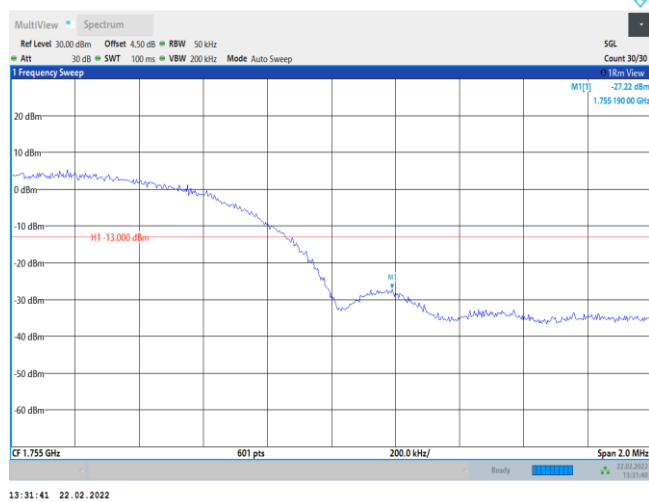
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Band4-1312



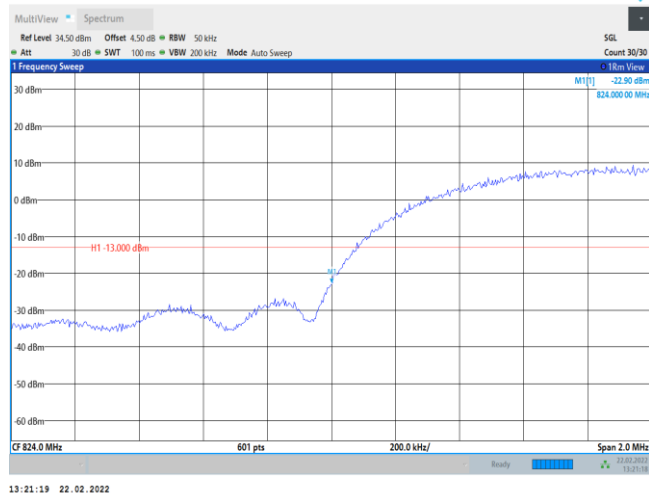
Band4-1513



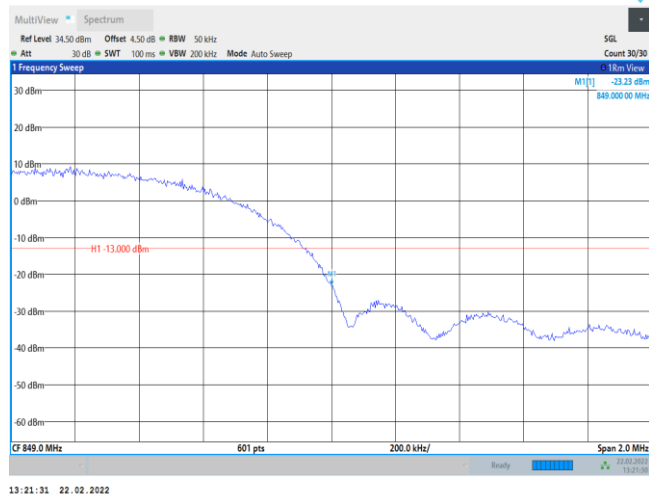
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Band5-4132



Band5-4233



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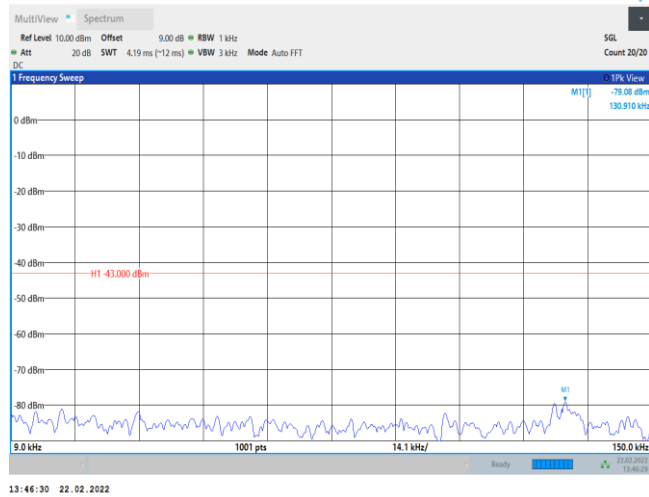
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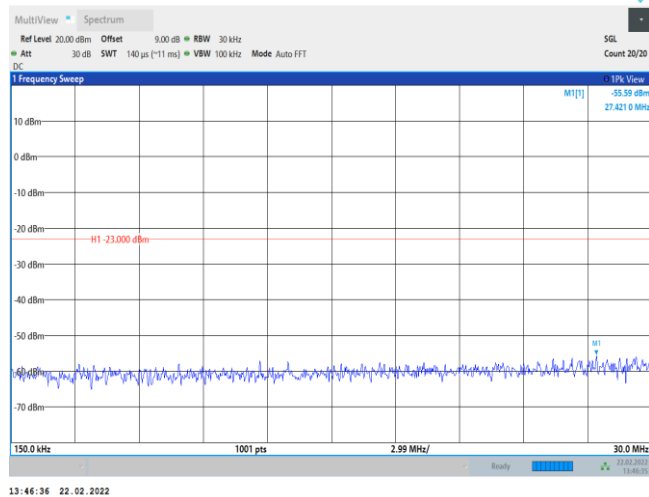
### Conducted Spurious Emission

### Test Graphs

Band2-9262-0.009~0.15MHz



Band2-9262-0.15~30MHz

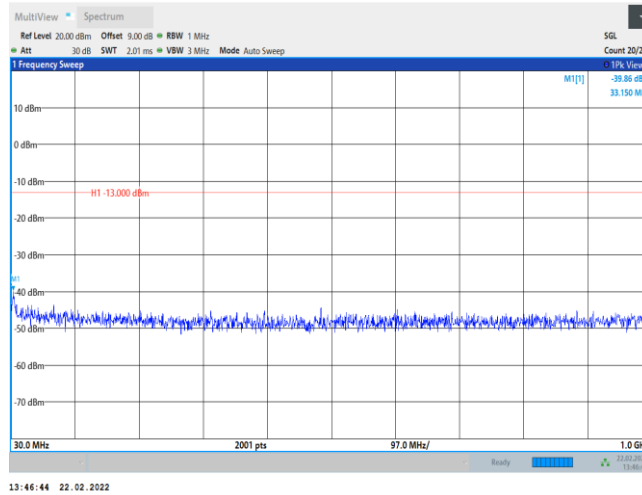


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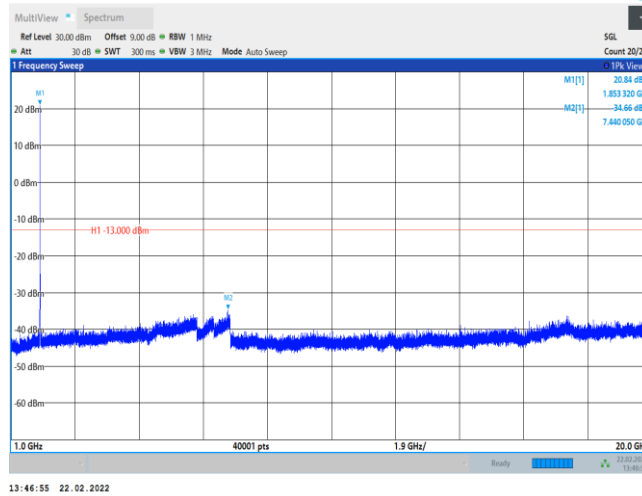
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Band2-9262-30~1000MHz



Band2-9262-1000~20000MHz



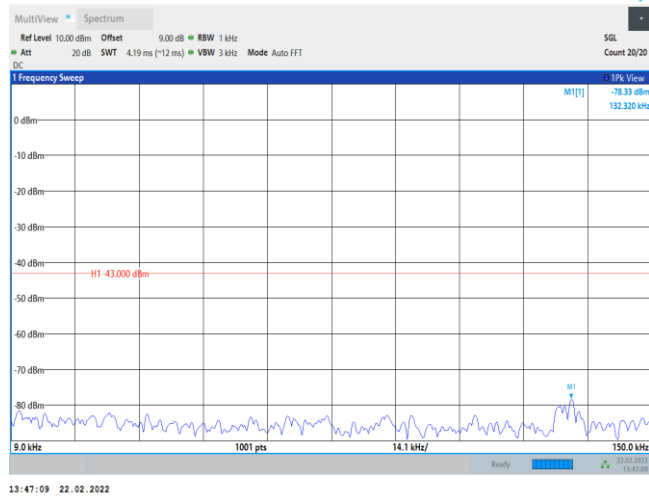
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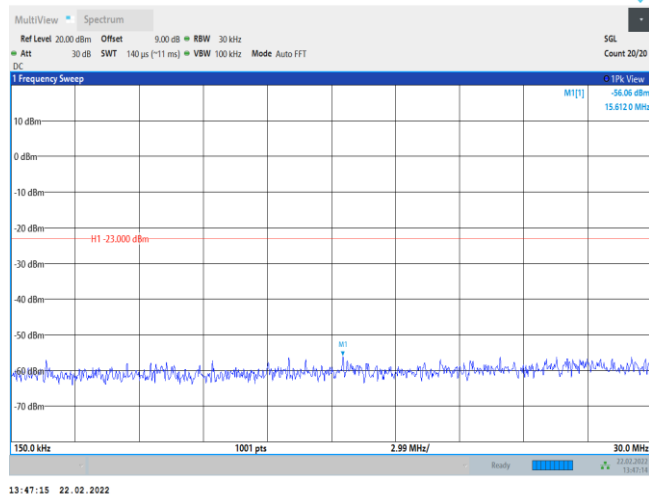
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Band2-9400-0.009~0.15MHz



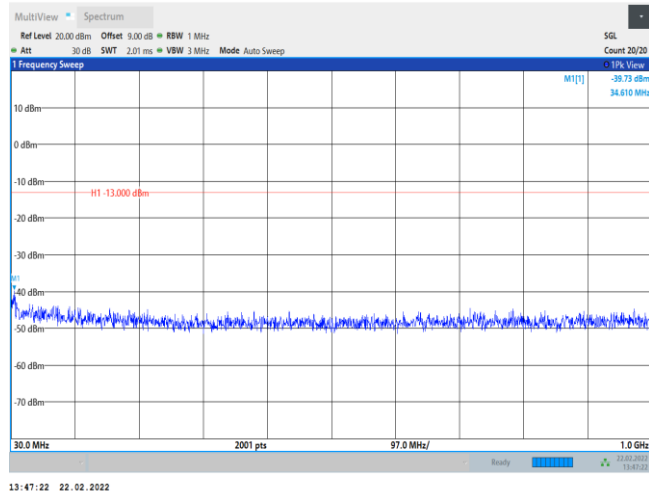
Band2-9400-0.15~30MHz



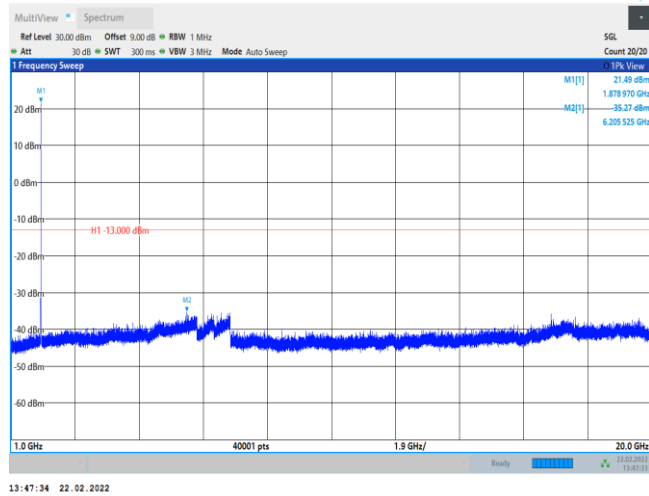
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Band2-9400-30~1000MHz



Band2-9400-1000~20000MHz

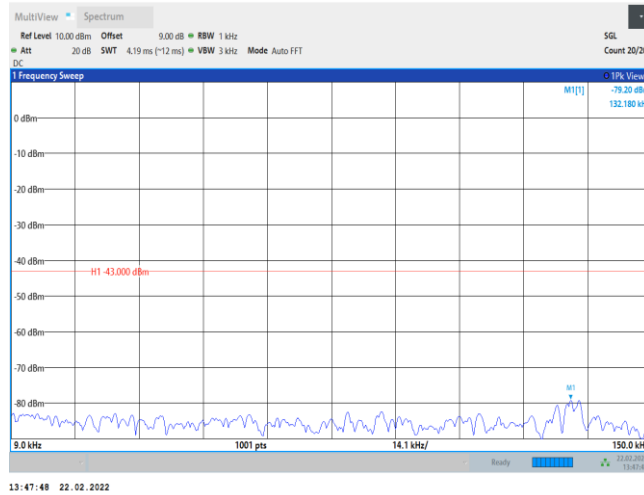


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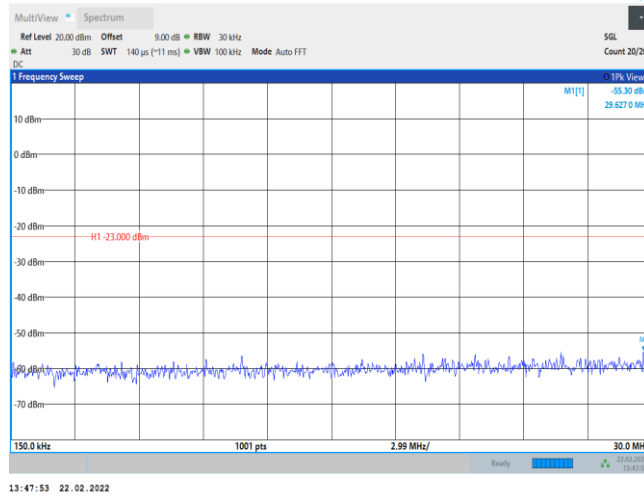
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Band2-9538-0.009~0.15MHz



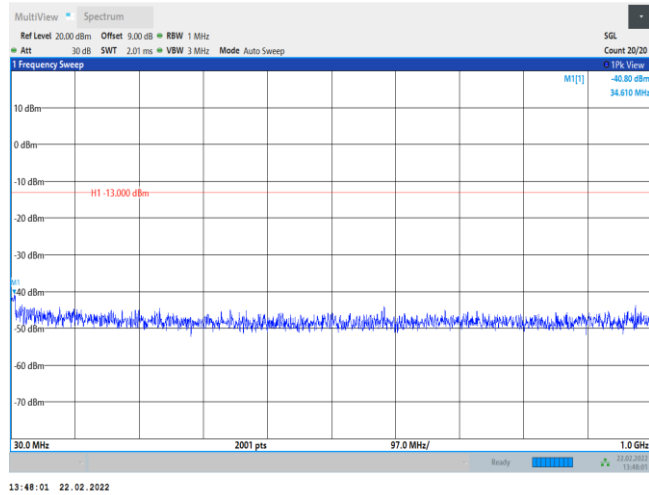
Band2-9538-0.15~30MHz



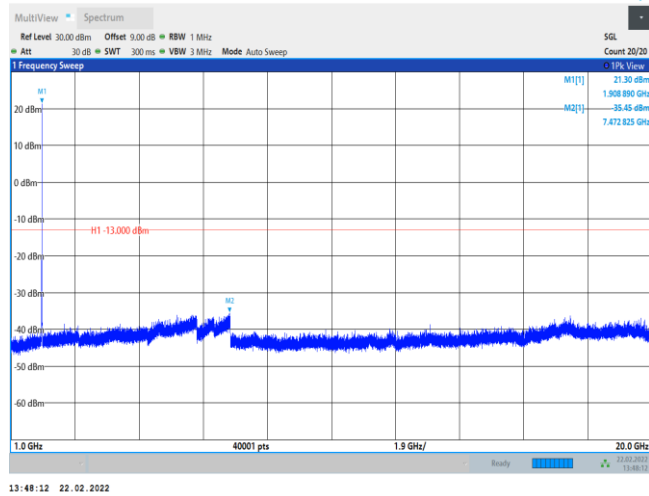
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Band2-9538-30~1000MHz



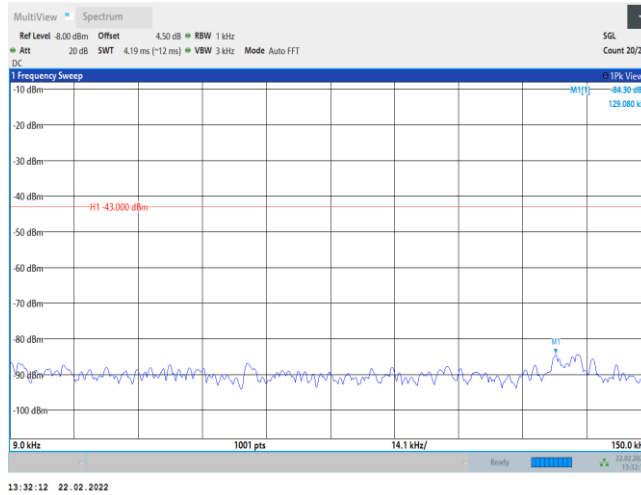
Band2-9538-1000~20000MHz



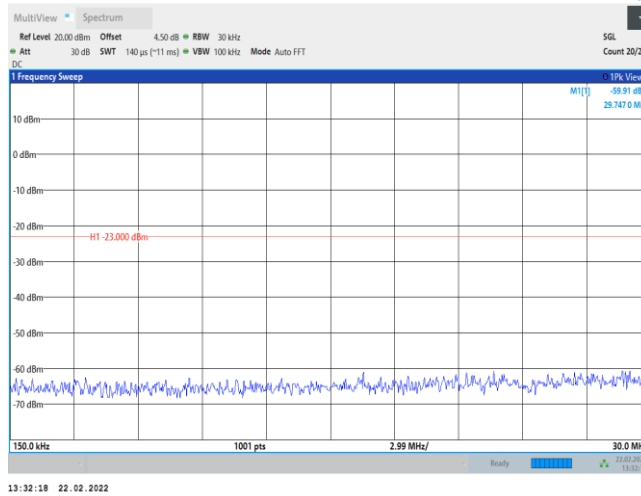
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Band4-1312-0.009~0.15MHz



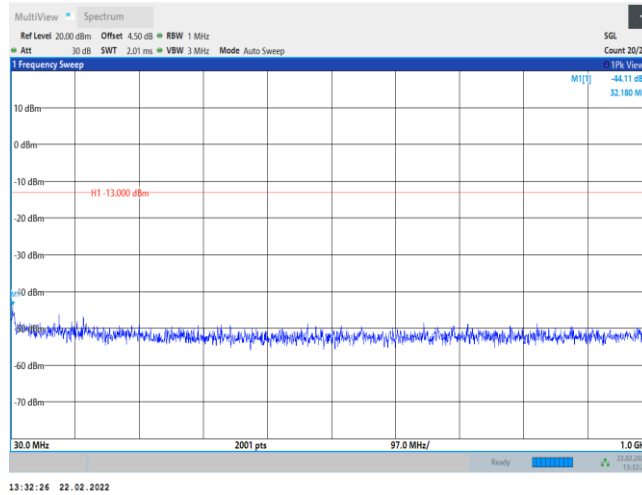
Band4-1312-0.15~30MHz



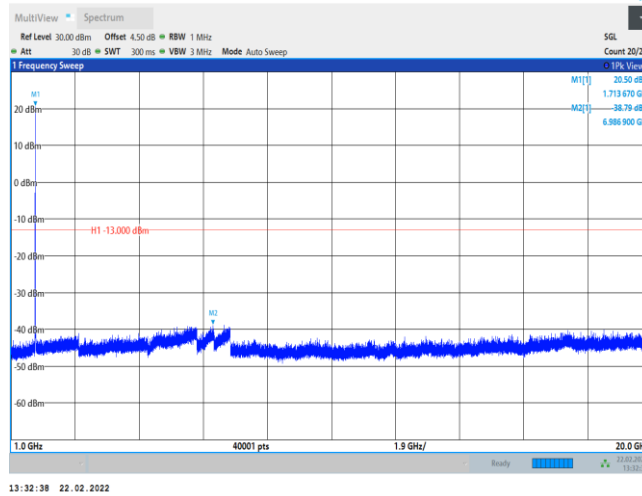
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Band4-1312-30~1000MHz



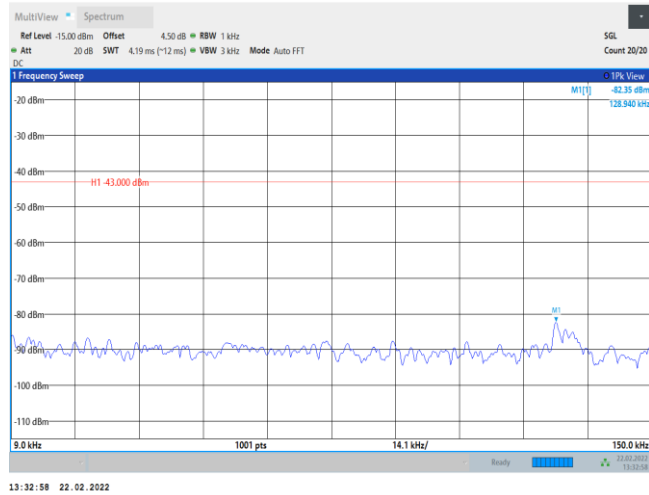
Band4-1312-1000~20000MHz



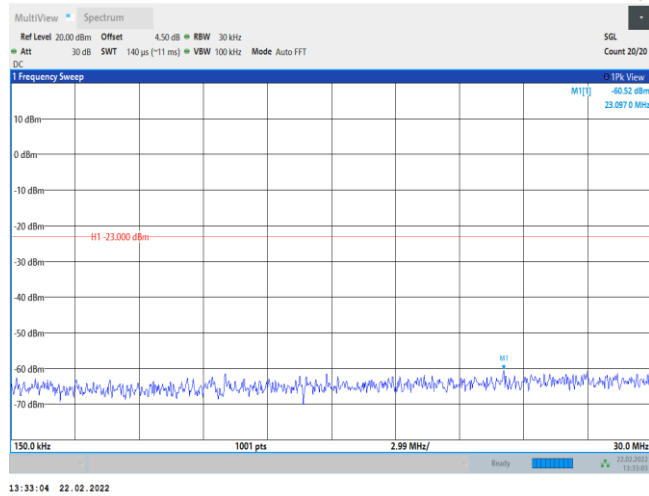
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Band4-1413-0.009~0.15MHz



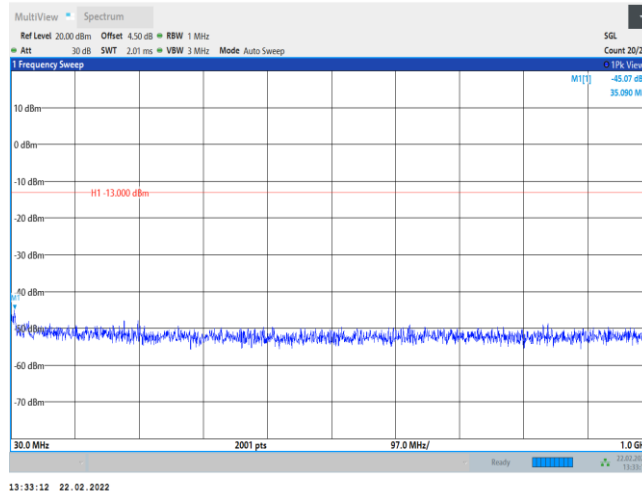
Band4-1413-0.15~30MHz



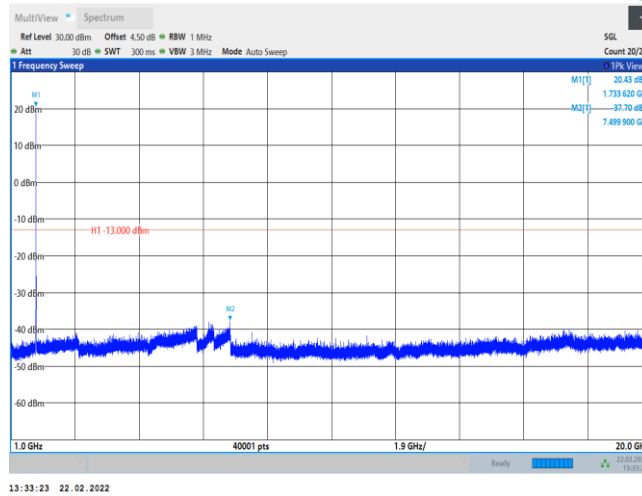
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Band4-1413-30~1000MHz



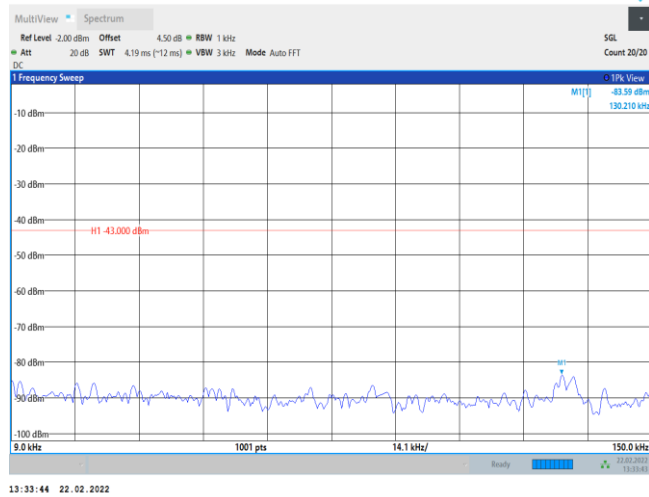
Band4-1413-1000~20000MHz



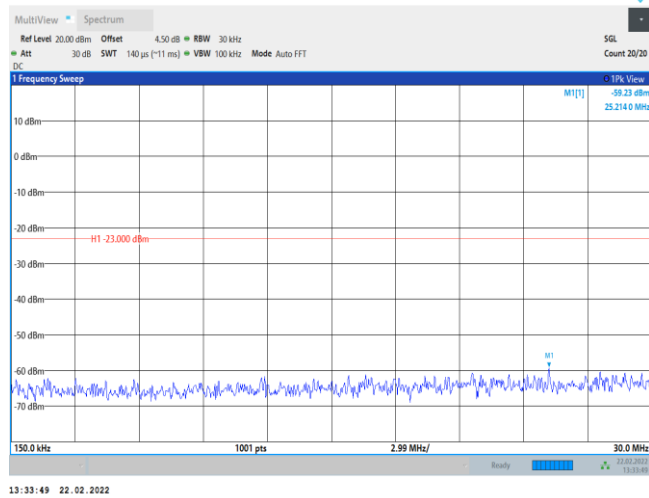
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Band4-1513-0.009~0.15MHz



Band4-1513-0.15~30MHz

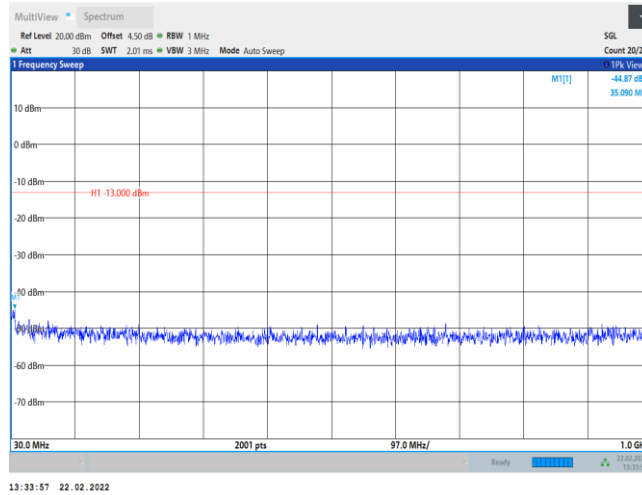


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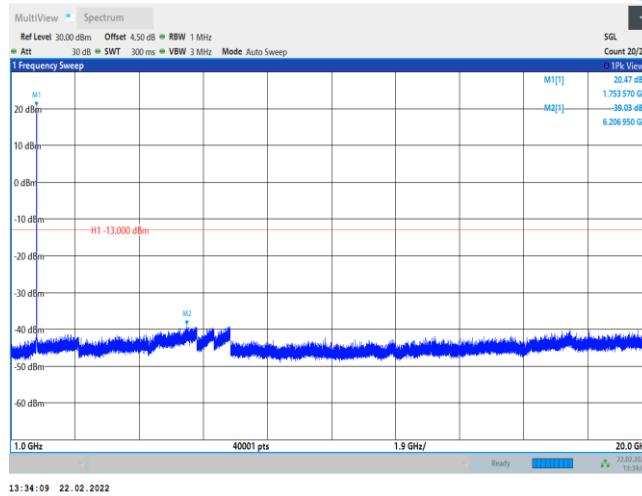
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Band4-1513-30~1000MHz



Band4-1513-1000~20000MHz

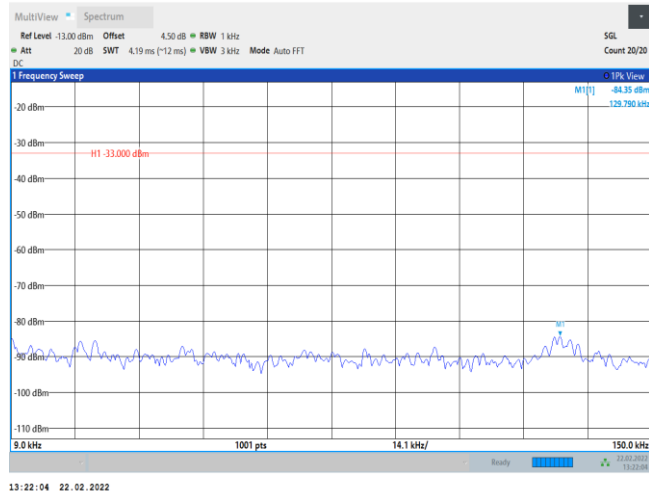


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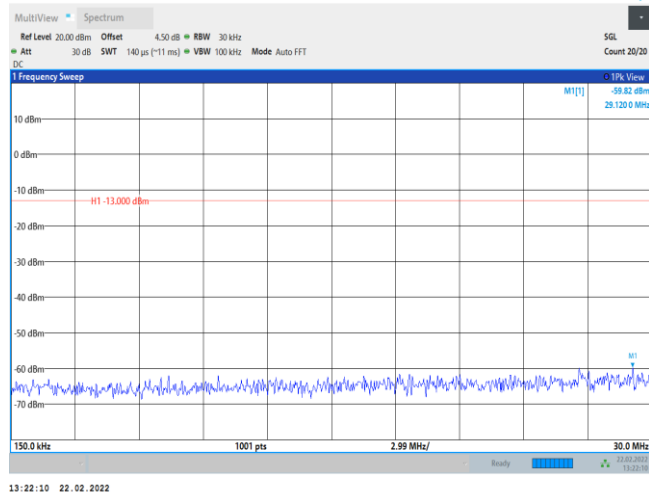
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Band5-4132-0.009~0.15MHz



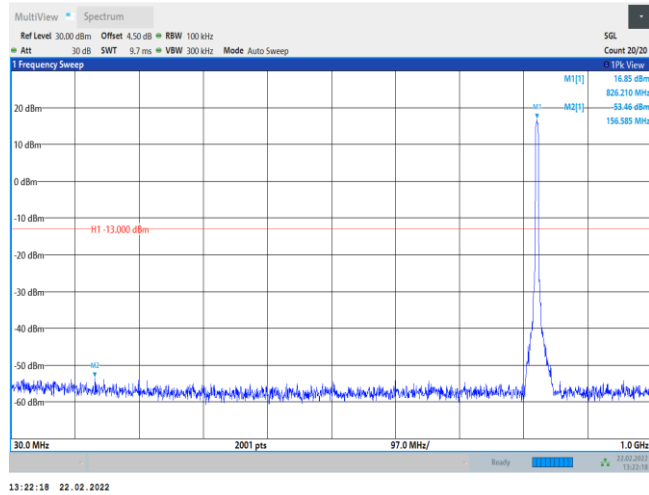
Band5-4132-0.15~30MHz



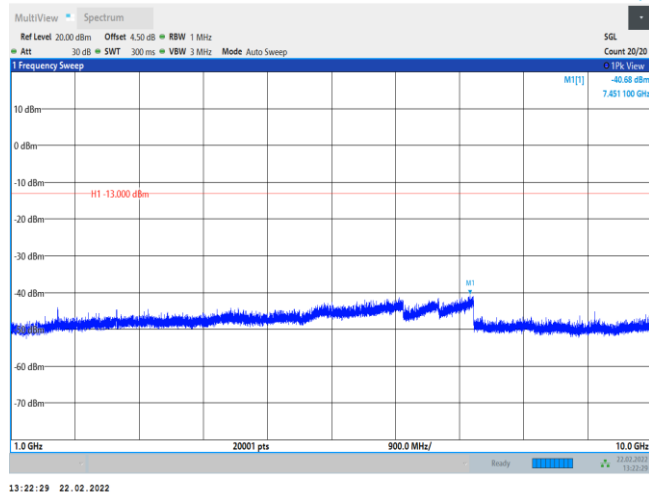
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Band5-4132-30~1000MHz

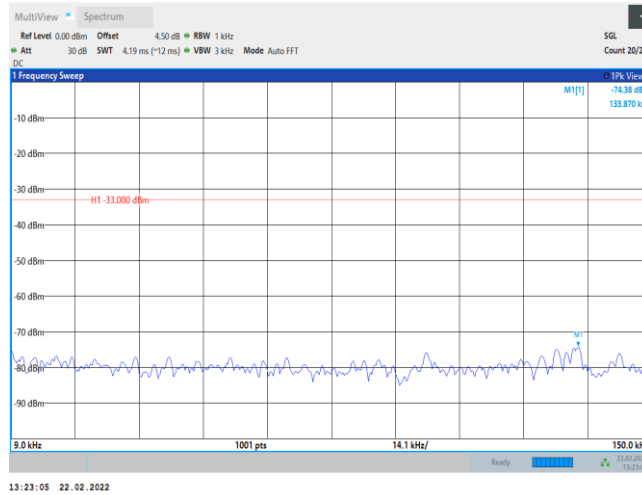


Band5-4132-1000~10000MHz

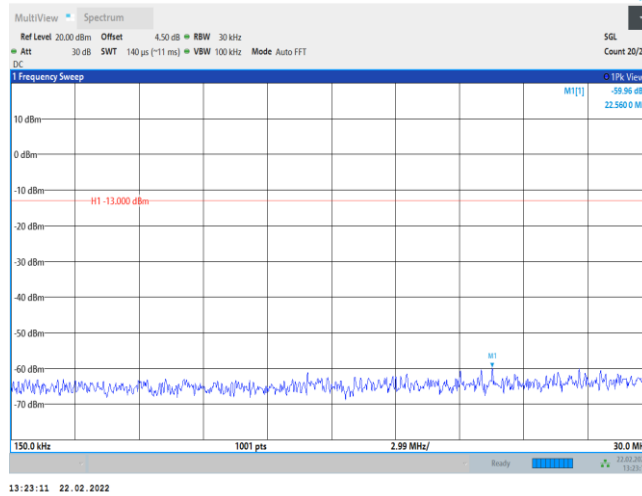


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Band5-4182-0.009~0.15MHz



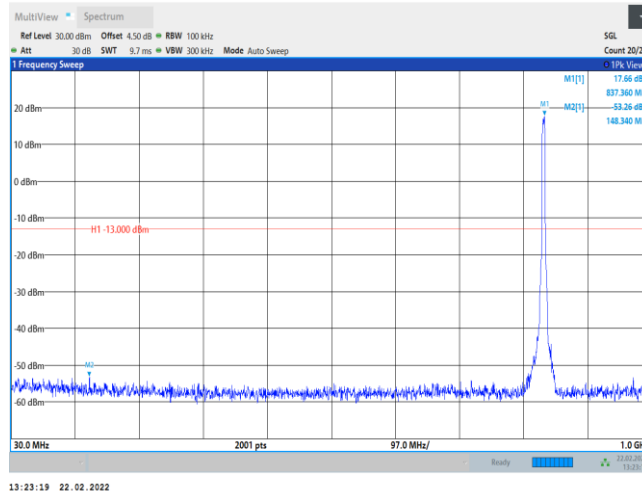
Band5-4182-0.15~30MHz



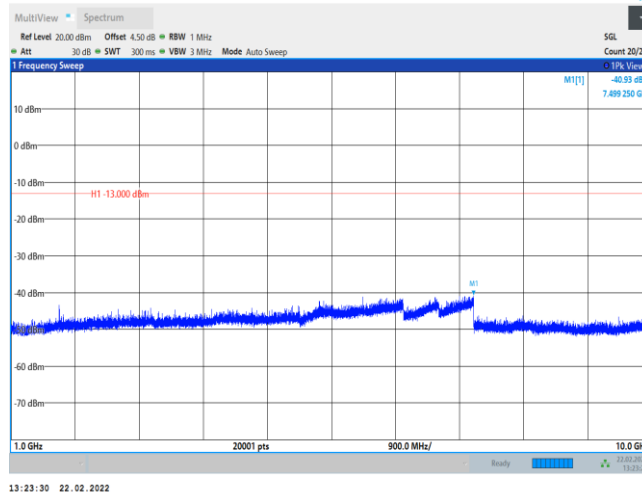
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Band5-4182-30~1000MHz



Band5-4182-1000~10000MHz

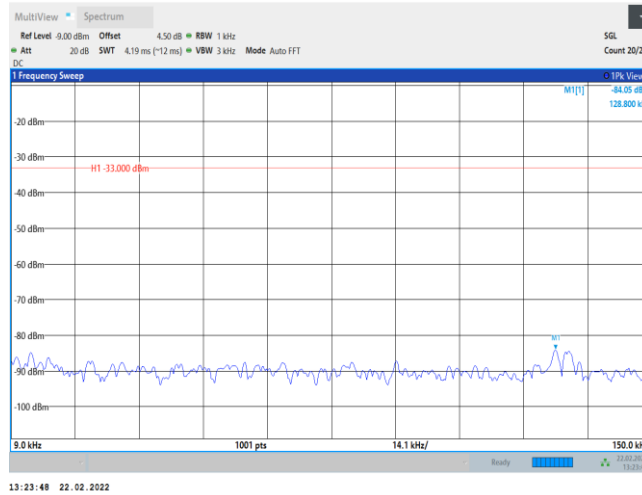


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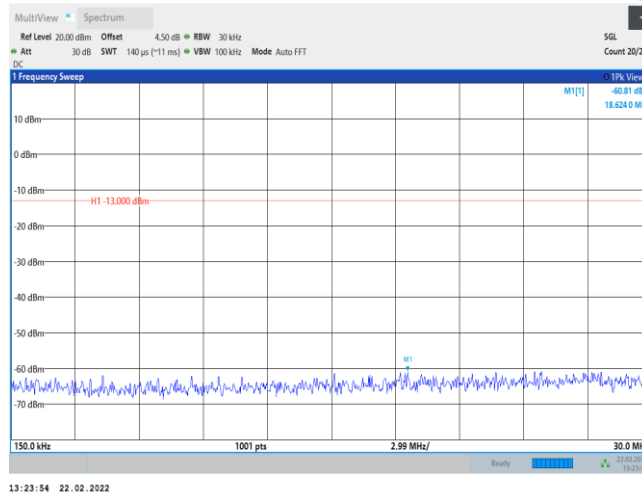
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Band5-4233-0.009~0.15MHz



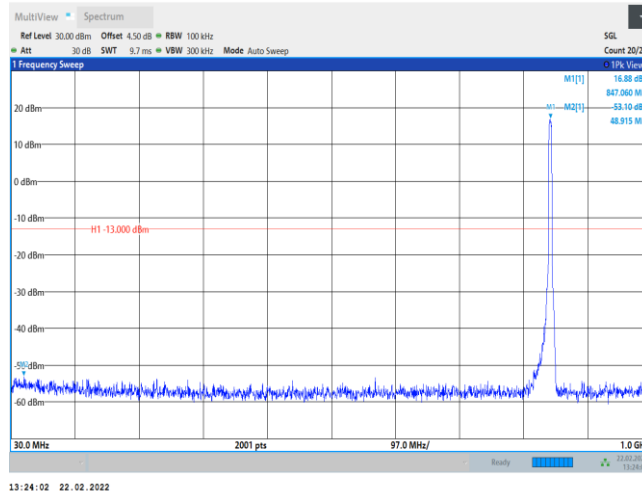
Band5-4233-0.15~30MHz



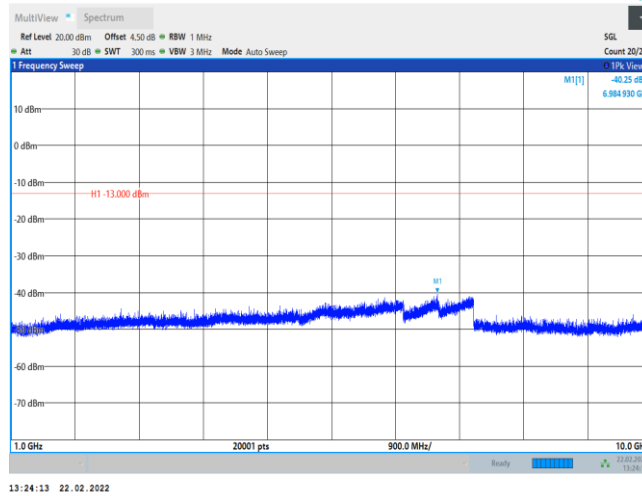
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Band5-4233-30~1000MHz



Band5-4233-1000~10000MHz



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### Field Strength of Spurious Radiation

Test Band = \_WCDMA B2\_ANT3 TM1  
 Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3706.5	56.19	-110.79	-54.60	-13.00	41.60	145	260	Horizontal
2	5557.2000	48.69	-107.43	-58.74	-13.00	45.74	236	7	Horizontal
3	7409.6000	47.82	-102.16	-54.34	-13.00	41.34	258	15	Horizontal
4	9262.0000	44.94	-97.10	-52.16	-13.00	39.16	147	233	Horizontal
5	11114.4000	40.72	-94.05	-53.33	-13.00	40.33	296	245	Horizontal
6	14301.75	42.04	-91.24	-49.20	-13.00	36.20	238	2	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.8000	49.47	-110.79	-61.32	-13.00	48.32	189	158	Vertical
2	5557.2000	48.05	-107.43	-59.38	-13.00	46.38	266	201	Vertical
3	7409.6000	47.54	-102.16	-54.62	-13.00	41.62	148	215	Vertical
4	9262.0000	43.40	-97.10	-53.70	-13.00	40.70	175	289	Vertical
5	11114.4000	40.94	-94.05	-53.11	-13.00	40.11	144	101	Vertical
6	14434.5	41.39	-90.02	-48.63	-13.00	35.63	288	346	Vertical



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Test Band = \_WCDMA B2\_ANT3 TM1  
 Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3762	56.19	-110.83	-54.64	-13.00	41.64	158	261	Horizontal
2	5640.0000	47.43	-107.08	-59.65	-13.00	46.65	142	357	Horizontal
3	7520.0000	46.87	-101.93	-55.06	-13.00	42.06	123	232	Horizontal
4	9400.0000	43.38	-96.60	-53.22	-13.00	40.22	266	0	Horizontal
5	11280.0000	40.05	-93.56	-53.51	-13.00	40.51	294	189	Horizontal
6	14375.25	41.74	-90.30	-48.56	-13.00	35.56	140	158	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760.0000	50.74	-110.83	-60.09	-13.00	47.09	196	72	Vertical
2	5640.0000	47.52	-107.08	-59.56	-13.00	46.56	234	0	Vertical
3	7520.0000	46.28	-101.93	-55.65	-13.00	42.65	185	318	Vertical
4	9400.0000	43.64	-96.60	-52.96	-13.00	39.96	299	346	Vertical
5	11280.0000	40.66	-93.56	-52.90	-13.00	39.90	170	357	Vertical
6	13693.5	42.79	-91.35	-48.56	-13.00	35.56	186	318	Vertical



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Test Band = \_WCDMA B2\_ANT3 TM1  
Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3815.2000	54.44	-110.87	-56.43	-13.00	43.43	196	258	Horizontal
2	5722.8000	49.19	-106.62	-57.43	-13.00	44.43	234	26	Horizontal
3	7630.0000	48.26	-101.80	-53.54	-13.00	40.54	184	258	Horizontal
4	9538.0000	43.66	-96.82	-53.16	-13.00	40.16	175	228	Horizontal
5	11445.6000	40.34	-93.54	-53.20	-13.00	40.20	221	144	Horizontal
6	14495.25	40.74	-90.08	-49.34	-13.00	36.34	166	331	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3816.75	55.89	-110.87	-54.98	-13.00	41.98	169	274	Vertical
2	5722.8000	49.17	-106.62	-57.45	-13.00	44.45	184	45	Vertical
3	7630.0000	46.38	-101.80	-55.42	-13.00	42.42	196	171	Vertical
4	9538.0000	42.91	-96.82	-53.91	-13.00	40.91	244	356	Vertical
5	11445.6000	40.41	-93.54	-53.13	-13.00	40.13	230	303	Vertical
6	14558.25	40.66	-90.39	-49.73	-13.00	36.73	156	157	Vertical



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Test Band = \_WCDMA B4\_ANT3 TM1  
 Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	49.60	-112.08	-62.48	-13.00	49.48	145	122	Horizontal
2	5137.2000	48.54	-107.64	-59.10	-13.00	46.10	196	59	Horizontal
3	6849.6000	47.50	-103.50	-56.00	-13.00	43.00	238	230	Horizontal
4	8562.0000	44.24	-99.03	-54.79	-13.00	41.79	148	3	Horizontal
5	10274.4000	41.35	-95.62	-54.27	-13.00	41.27	175	255	Horizontal
6	14322	41.89	-90.98	-49.09	-13.00	36.09	122	16	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.8000	50.87	-112.08	-61.21	-13.00	48.21	184	15	Vertical
2	5137.2000	48.98	-107.64	-58.66	-13.00	45.66	125	99	Vertical
3	6849.6000	47.80	-103.50	-55.70	-13.00	42.70	143	14	Vertical
4	8562.0000	44.81	-99.03	-54.22	-13.00	41.22	299	14	Vertical
5	10274.4000	41.02	-95.62	-54.60	-13.00	41.60	142	239	Vertical
6	14835.75	41.73	-90.75	-49.02	-13.00	36.02	188	331	Vertical



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Test Band = \_WCDMA B4\_ANT3 TM1  
 Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	50.12	-112.04	-61.92	-13.00	48.92	194	1	Horizontal
2	5197.8000	47.82	-107.55	-59.73	-13.00	46.73	175	248	Horizontal
3	6930.4000	46.34	-103.19	-56.85	-13.00	43.85	234	175	Horizontal
4	8663.0000	44.80	-98.96	-54.16	-13.00	41.16	126	276	Horizontal
5	10395.6000	40.43	-95.41	-54.98	-13.00	41.98	255	175	Horizontal
6	14319.75	43.01	-91.01	-48.00	-13.00	35.00	188	1	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3465.2000	50.20	-112.04	-61.84	-13.00	48.84	194	258	Vertical
2	5197.8000	47.85	-107.55	-59.70	-13.00	46.70	175	1	Vertical
3	6930.4000	47.03	-103.19	-56.16	-13.00	43.16	142	344	Vertical
4	8663.0000	45.19	-98.96	-53.77	-13.00	40.77	238	227	Vertical
5	10395.6000	41.85	-95.41	-53.56	-13.00	40.56	194	25	Vertical
6	13662	42.15	-91.30	-49.15	-13.00	36.15	182	126	Vertical



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Test Band = \_WCDMA B4\_ANT3 TM1  
 Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	50.60	-111.99	-61.39	-13.00	48.39	169	0	Horizontal
2	5257.8000	49.21	-107.49	-58.28	-13.00	45.28	184	318	Horizontal
3	7010.4000	47.18	-102.77	-55.59	-13.00	42.59	199	44	Horizontal
4	8763.0000	44.90	-98.65	-53.75	-13.00	40.75	172	244	Horizontal
5	10515.6000	41.46	-95.03	-53.57	-13.00	40.57	230	244	Horizontal
6	14301	41.85	-91.25	-49.40	-13.00	36.40	166	304	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3505.2000	49.18	-111.99	-62.81	-13.00	49.81	199	117	Vertical
2	5257.8000	47.98	-107.49	-59.51	-13.00	46.51	258	319	Vertical
3	7010.4000	47.11	-102.77	-55.66	-13.00	42.66	174	0	Vertical
4	8763.0000	45.18	-98.65	-53.47	-13.00	40.47	102	305	Vertical
5	10515.6000	40.80	-95.03	-54.23	-13.00	41.23	239	103	Vertical
6	14549.25	40.95	-90.35	-49.40	-13.00	36.40	146	162	Vertical



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Test Band = \_WCDMA B5\_ANT0 TM1  
 Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654.2857	60.12	-118.10	-57.98	-13.00	44.98	163	13	Horizontal
2	2481.7143	58.27	-114.85	-56.58	-13.00	43.58	148	170	Horizontal
3	3305.6000	51.70	-112.38	-60.68	-13.00	47.68	194	312	Horizontal
4	4132.0000	49.68	-110.18	-60.50	-13.00	47.50	172	248	Horizontal
5	4958.4000	49.21	-108.21	-59.00	-13.00	46.00	231	337	Horizontal
6	7472	49.76	-102.19	-52.43	-13.00	39.43	255	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1652.8000	51.53	-118.10	-66.57	-13.00	53.57	266	322	Vertical
2	2481.7143	60.62	-114.85	-54.23	-13.00	41.23	194	65	Vertical
3	3305.6000	50.70	-112.38	-61.68	-13.00	48.68	175	50	Vertical
4	4132.0000	49.37	-110.18	-60.81	-13.00	47.81	231	15	Vertical
5	4958.4000	49.90	-108.21	-58.31	-13.00	45.31	255	90	Vertical
6	7372	50.12	-102.07	-51.95	-13.00	38.95	188	1	Vertical



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Test Band = \_WCDMA B5\_ANT0 TM1  
 Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1671.4286	64.97	-118.08	-53.11	-13.00	40.11	236	311	Horizontal
2	2511.4286	59.72	-114.68	-54.96	-13.00	41.96	294	65	Horizontal
3	3345.6000	50.39	-112.38	-61.99	-13.00	48.99	284	282	Horizontal
4	4182.0000	49.19	-110.14	-60.95	-13.00	47.95	215	14	Horizontal
5	5018.4000	48.56	-108.10	-59.54	-13.00	46.54	207	308	Horizontal
6	6722.8571	50.29	-103.65	-53.36	-13.00	40.36	157	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1670.2857	58.18	-118.08	-59.90	-13.00	46.90	126	189	Vertical
2	2512	60.86	-114.68	-53.82	-13.00	40.82	194	1	Vertical
3	3345.6000	50.17	-112.38	-62.21	-13.00	49.21	172	245	Vertical
4	4182.0000	48.99	-110.14	-61.15	-13.00	48.15	235	89	Vertical
5	5018.4000	48.02	-108.10	-60.08	-13.00	47.08	122	231	Vertical
6	5889.1429	51.39	-106.28	-54.89	-13.00	41.89	151	210	Vertical



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Test Band = \_WCDMA B5\_ANT0 TM1  
 Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1692	67.92	-118.04	-50.12	-13.00	37.12	199	358	Horizontal
2	2537.1429	57.67	-114.51	-56.84	-13.00	43.84	241	40	Horizontal
3	3386.4000	50.62	-112.37	-61.75	-13.00	48.75	235	326	Horizontal
4	4233.0000	49.81	-109.99	-60.18	-13.00	47.18	187	144	Horizontal
5	5079.6000	48.75	-107.80	-59.05	-13.00	46.05	144	300	Horizontal
6	7400	50.02	-102.03	-52.01	-13.00	39.01	231	236	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1692	59.17	-118.04	-58.87	-13.00	45.87	148	34	Vertical
2	2537.7143	56.61	-114.51	-57.90	-13.00	44.90	195	1	Vertical
3	3386.4000	51.66	-112.37	-60.71	-13.00	47.71	234	320	Vertical
4	4233.0000	49.43	-109.99	-60.56	-13.00	47.56	172	22	Vertical
5	5079.6000	48.38	-107.80	-59.42	-13.00	46.42	126	13	Vertical
6	7050.8571	50.15	-102.95	-52.80	-13.00	39.80	199	101	Vertical



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Test Band = \_WCDMA B5\_ANT1 TM1  
 Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.4286	60.85	-118.10	-57.25	-13.00	44.25	187	3	Horizontal
2	2481.7143	58.90	-114.85	-55.95	-13.00	42.95	196	167	Horizontal
3	3305.6000	50.26	-112.38	-62.12	-13.00	49.12	144	271	Horizontal
4	4132.0000	49.64	-110.18	-60.54	-13.00	47.54	233	322	Horizontal
5	4958.4000	49.35	-108.21	-58.86	-13.00	45.86	152	129	Horizontal
6	6676.5714	50.20	-103.83	-53.63	-13.00	40.63	144	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1652.8000	52.27	-118.10	-65.83	-13.00	52.83	231	12	Vertical
2	2479.2000	57.82	-114.86	-57.04	-13.00	44.04	298	76	Vertical
3	3305.6000	51.21	-112.38	-61.17	-13.00	48.17	255	258	Vertical
4	4132.0000	49.67	-110.18	-60.51	-13.00	47.51	172	356	Vertical
5	4958.4000	50.79	-108.21	-57.42	-13.00	44.42	130	144	Vertical
6	7024	50.07	-102.84	-52.77	-13.00	39.77	266	218	Vertical



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Test Band = \_WCDMA B5\_ANT1 TM1  
 Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1674.2857	66.62	-118.07	-51.45	-13.00	38.45	198	142	Horizontal
2	2508.5714	58.94	-114.70	-55.76	-13.00	42.76	174	311	Horizontal
3	3345.6000	50.62	-112.38	-61.76	-13.00	48.76	122	323	Horizontal
4	4182.0000	49.65	-110.14	-60.49	-13.00	47.49	235	359	Horizontal
5	5018.4000	48.38	-108.10	-59.72	-13.00	46.72	145	195	Horizontal
6	6688.5714	50.66	-103.75	-53.09	-13.00	40.09	199	125	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1670.8571	58.70	-118.08	-59.38	-13.00	46.38	145	141	Vertical
2	2512	60.81	-114.68	-53.87	-13.00	40.87	186	0	Vertical
3	3345.6000	51.21	-112.38	-61.17	-13.00	48.17	174	258	Vertical
4	4182.0000	51.22	-110.14	-58.92	-13.00	45.92	233	335	Vertical
5	5018.4000	48.99	-108.10	-59.11	-13.00	46.11	155	206	Vertical
6	6886.8571	50.23	-103.48	-53.25	-13.00	40.25	142	25	Vertical



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Test Band = \_WCDMA B5\_ANT1 TM1  
 Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1690.8571	65.95	-118.04	-52.09	-13.00	39.09	194	12	Horizontal
2	2537.1429	59.69	-114.51	-54.82	-13.00	41.82	172	320	Horizontal
3	3386.4000	50.50	-112.37	-61.87	-13.00	48.87	135	154	Horizontal
4	4233.0000	49.75	-109.99	-60.24	-13.00	47.24	142	12	Horizontal
5	5079.6000	48.87	-107.80	-58.93	-13.00	45.93	166	4	Horizontal
6	6810.8571	50.47	-103.53	-53.06	-13.00	40.06	194	65	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1693.2000	54.78	-118.04	-63.26	-13.00	50.26	129	89	Vertical
2	2537.1429	57.61	-114.51	-56.90	-13.00	43.90	184	33	Vertical
3	3386.4000	50.06	-112.37	-62.31	-13.00	49.31	175	126	Vertical
4	4233.0000	49.63	-109.99	-60.36	-13.00	47.36	164	14	Vertical
5	5079.6000	48.46	-107.80	-59.34	-13.00	46.34	198	258	Vertical
6	7229.7143	49.61	-102.43	-52.82	-13.00	39.82	125	89	Vertical



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Test Band = \_WCDMA B5\_ANT3 TM1  
 Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1651.4286	62.20	-118.11	-55.91	-13.00	42.91	124	188	Horizontal
2	2482.8571	58.62	-114.85	-56.23	-13.00	43.23	196	236	Horizontal
3	3305.6000	51.21	-112.38	-61.17	-13.00	48.17	234	287	Horizontal
4	4132.0000	50.21	-110.18	-59.97	-13.00	46.97	185	354	Horizontal
5	4958.4000	48.71	-108.21	-59.50	-13.00	46.50	172	339	Horizontal
6	7073.1429	50.32	-103.04	-52.72	-13.00	39.72	199	66	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1652.8000	52.34	-118.10	-65.76	-13.00	52.76	184	256	Vertical
2	2479.2000	59.06	-114.86	-55.80	-13.00	42.80	175	73	Vertical
3	3305.6000	51.12	-112.38	-61.26	-13.00	48.26	126	230	Vertical
4	4132.0000	49.39	-110.18	-60.79	-13.00	47.79	234	230	Vertical
5	4958.4000	50.50	-108.21	-57.71	-13.00	44.71	194	199	Vertical
6	6730.2857	51.05	-103.64	-52.59	-13.00	39.59	188	6	Vertical



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Test Band = \_WCDMA B5\_ANT3 TM1  
 Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1674.2857	67.26	-118.07	-50.81	-13.00	37.81	199	305	Horizontal
2	2510.2857	60.55	-114.69	-54.14	-13.00	41.14	234	246	Horizontal
3	3345.6000	50.52	-112.38	-61.86	-13.00	48.86	188	232	Horizontal
4	4182.0000	49.71	-110.14	-60.43	-13.00	47.43	146	359	Horizontal
5	5018.4000	49.13	-108.10	-58.97	-13.00	45.97	235	357	Horizontal
6	6929.1429	50.22	-103.26	-53.04	-13.00	40.04	188	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1674.2857	57.30	-118.07	-60.77	-13.00	47.77	135	334	Vertical
2	2511.4286	60.18	-114.68	-54.50	-13.00	41.50	100	25	Vertical
3	3345.6000	50.39	-112.38	-61.99	-13.00	48.99	175	140	Vertical
4	4182.0000	48.91	-110.14	-61.23	-13.00	48.23	164	299	Vertical
5	5018.4000	48.25	-108.10	-59.85	-13.00	46.85	180	142	Vertical
6	6836.5714	50.44	-103.51	-53.07	-13.00	40.07	129	214	Vertical



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1.1. Test Band = \_WCDMA B5\_ANT3 TM1

1.1.1. Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1692	67.71	-118.04	-50.33	-13.00	37.33	184	359	Horizontal
2	2537.1429	58.75	-114.51	-55.76	-13.00	42.76	236	51	Horizontal
3	3386.4000	50.82	-112.37	-61.55	-13.00	48.55	299	219	Horizontal
4	4233.0000	50.25	-109.99	-59.74	-13.00	46.74	186	4	Horizontal
5	5079.6000	47.99	-107.80	-59.81	-13.00	46.81	174	345	Horizontal
6	6772	50.12	-103.58	-53.46	-13.00	40.46	201	191	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1691.4286	57.61	-118.04	-60.43	-13.00	47.43	194	25	Vertical
2	2536.5714	57.89	-114.51	-56.62	-13.00	43.62	175	1	Vertical
3	3386.4000	50.46	-112.37	-61.91	-13.00	48.91	124	128	Vertical
4	4233.0000	50.03	-109.99	-59.96	-13.00	46.96	234	140	Vertical
5	5079.6000	49.19	-107.80	-58.61	-13.00	45.61	198	258	Vertical
6	7225.7143	49.25	-102.44	-53.19	-13.00	40.19	122	357	Vertical



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## Frequency Stability

### Test Result

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	9400	VL	NT	-0.16	-0.000085	PASS
Band2	9400	VN	NT	0.28	0.000149	PASS
Band2	9400	VH	NT	0.01	0.000005	PASS
Band4	1413	VL	NT	-0.02	-0.000012	PASS
Band4	1413	VN	NT	0.33	0.000190	PASS
Band4	1413	VH	NT	0.56	0.000323	PASS

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4182	VL	NT	-0.09	-0.000108	±2.5	PASS
Band5	4182	VN	NT	-0.14	-0.000167	±2.5	PASS
Band5	4182	VH	NT	-0.32	-0.000383	±2.5	PASS



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Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	9400	NV	-30	0.14	0.000074	PASS
Band2	9400	NV	-20	-0.11	-0.000059	PASS
Band2	9400	NV	0	-0.40	-0.000213	PASS
Band2	9400	NV	10	-0.37	-0.000197	PASS
Band2	9400	NV	20	-0.26	-0.000138	PASS
Band2	9400	NV	30	-0.16	-0.000085	PASS
Band2	9400	NV	40	-0.14	-0.000074	PASS
Band2	9400	NV	50	-0.24	-0.000128	PASS
Band4	1413	NV	-30	0.72	0.000416	PASS
Band4	1413	NV	-20	0.80	0.000462	PASS
Band4	1413	NV	0	0.39	0.000225	PASS
Band4	1413	NV	10	0.72	0.000416	PASS
Band4	1413	NV	20	0.46	0.000265	PASS
Band4	1413	NV	30	0.08	0.000046	PASS
Band4	1413	NV	40	0.08	0.000046	PASS
Band4	1413	NV	50	-0.40	-0.000231	PASS

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4182	NV	-30	-0.69	-0.000825	±2.5	PASS
Band5	4182	NV	-20	0.05	0.000060	±2.5	PASS
Band5	4182	NV	0	0.09	0.000108	±2.5	PASS
Band5	4182	NV	10	0.02	0.000024	±2.5	PASS
Band5	4182	NV	20	-0.06	-0.000072	±2.5	PASS
Band5	4182	NV	30	-0.04	-0.000048	±2.5	PASS
Band5	4182	NV	40	0.02	0.000024	±2.5	PASS
Band5	4182	NV	50	0.01	0.000012	±2.5	PASS

The End



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