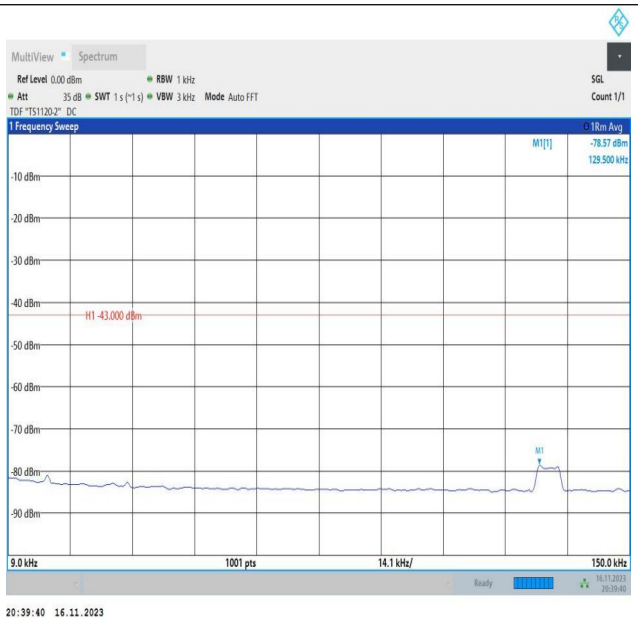
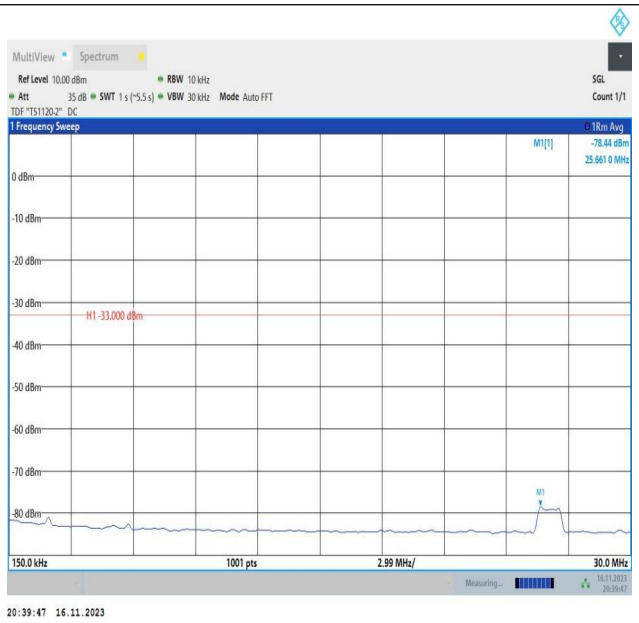
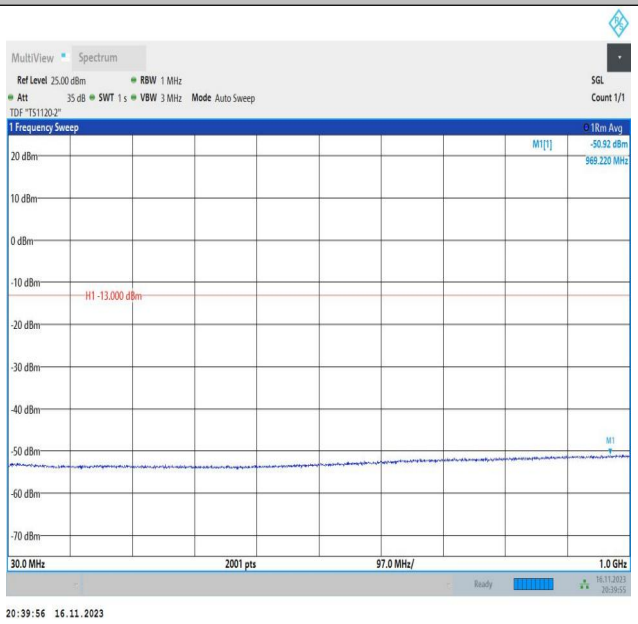


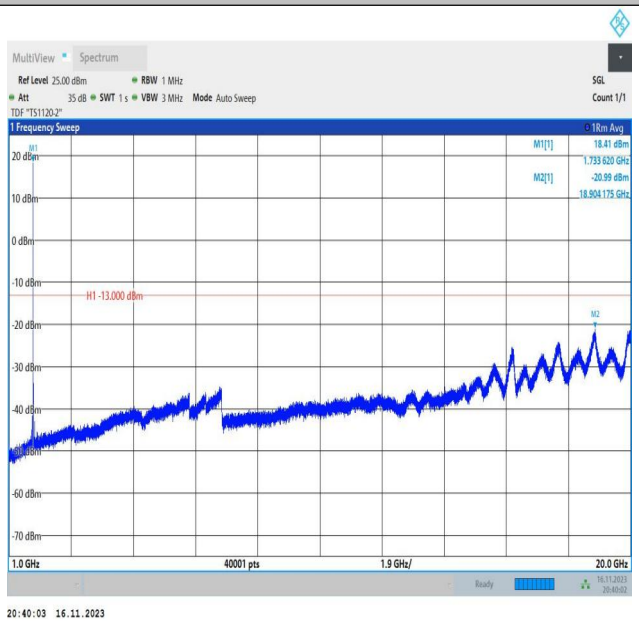
Band4-1413-4-0.009~0.15MHz-PASS



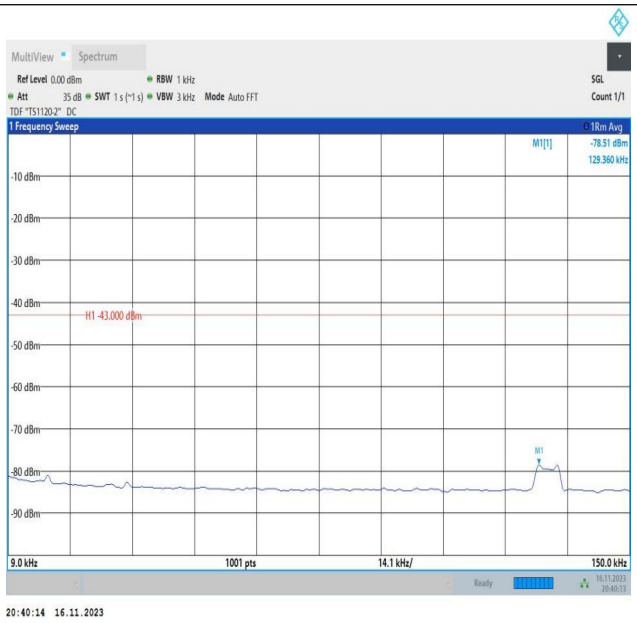
Band4-1413-4-0.15~30MHz-PASS



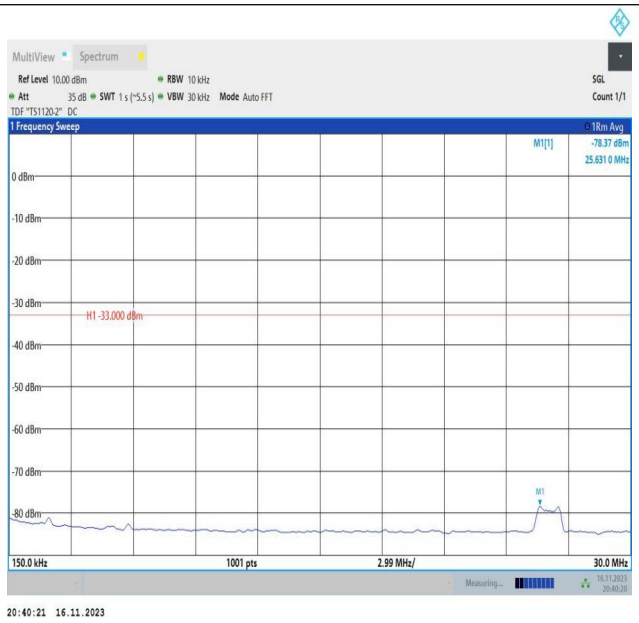
Band4-1413-4-30~1000MHz-PASS



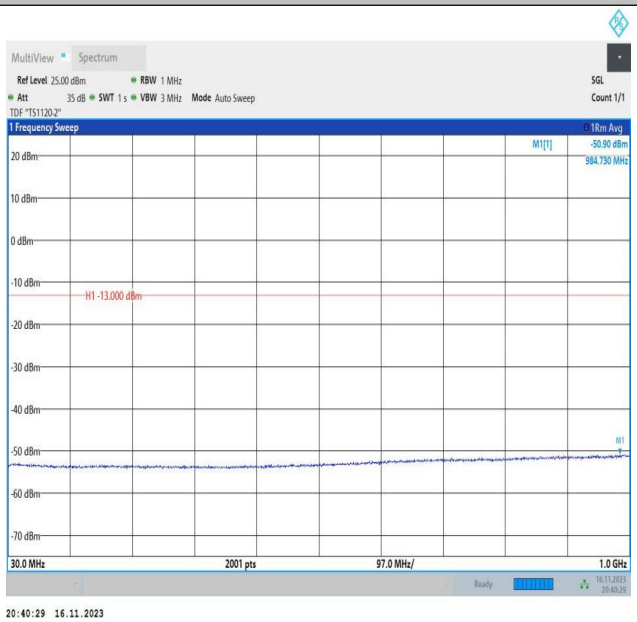
Band4-1413-4-1000~20000MHz-PASS



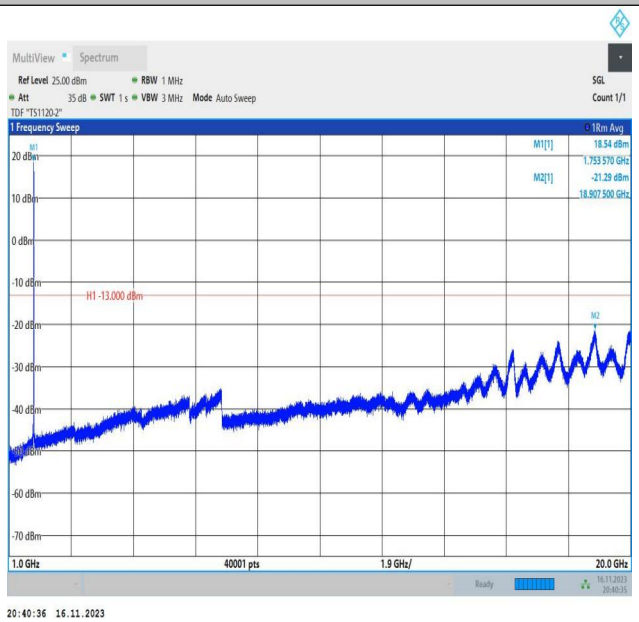
Band4-1513-4-0.009~0.15MHz-PASS



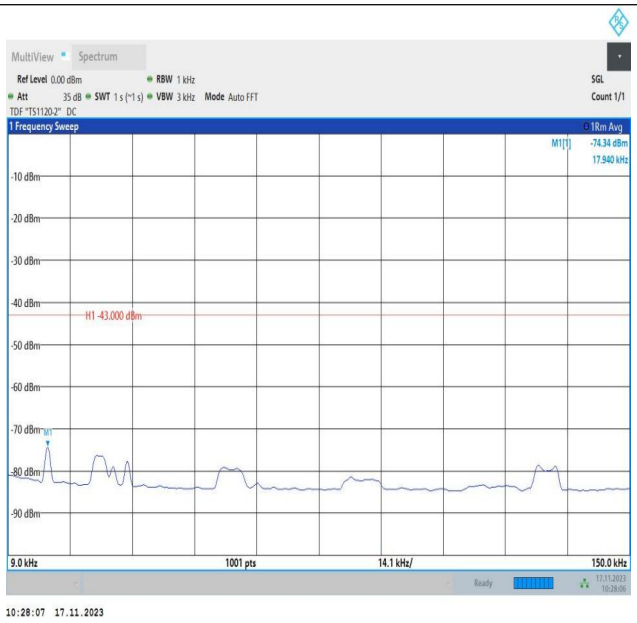
Band4-1513-4-0.15~30MHz-PASS



Band4-1513-4-30~1000MHz-PASS

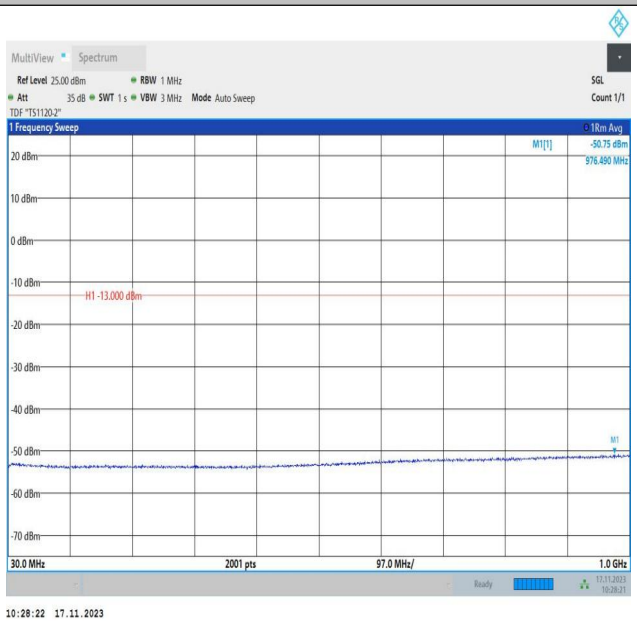


Band4-1513-4-1000~20000MHz-PASS

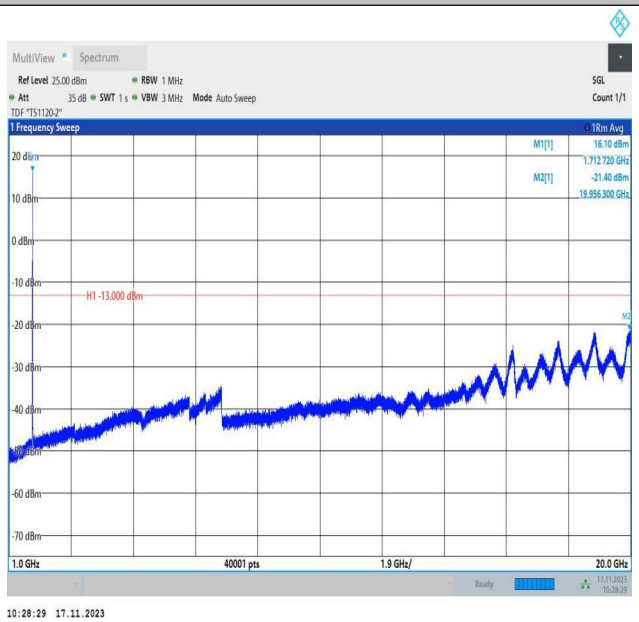


Band4-1312-1-0.009~0.15MHz-PASS

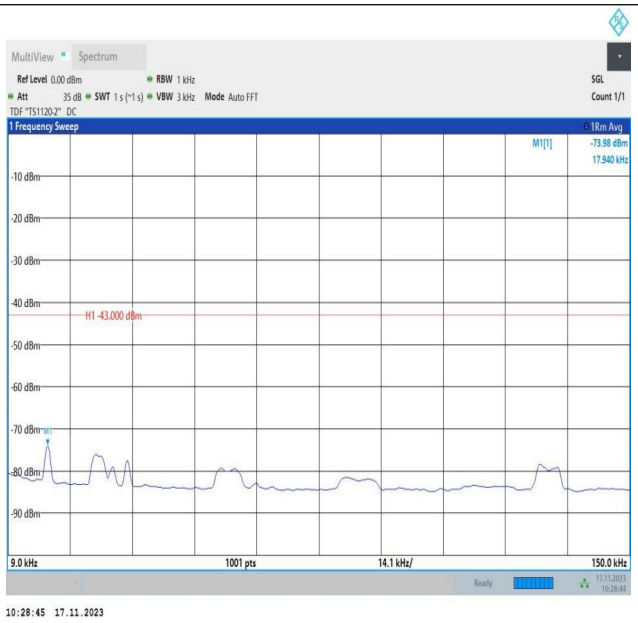
Band4-1312-1-0.15~30MHz-PASS



Band4-1312-1-30~1000MHz-PASS

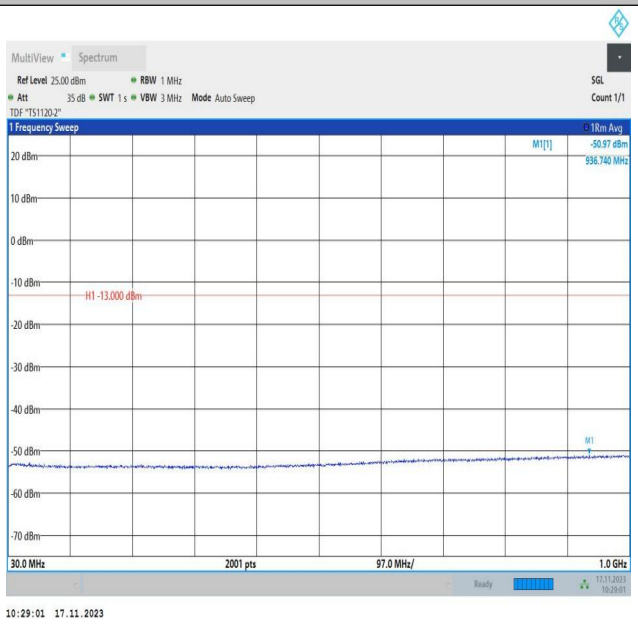


Band4-1312-1-1000~20000MHz-PASS

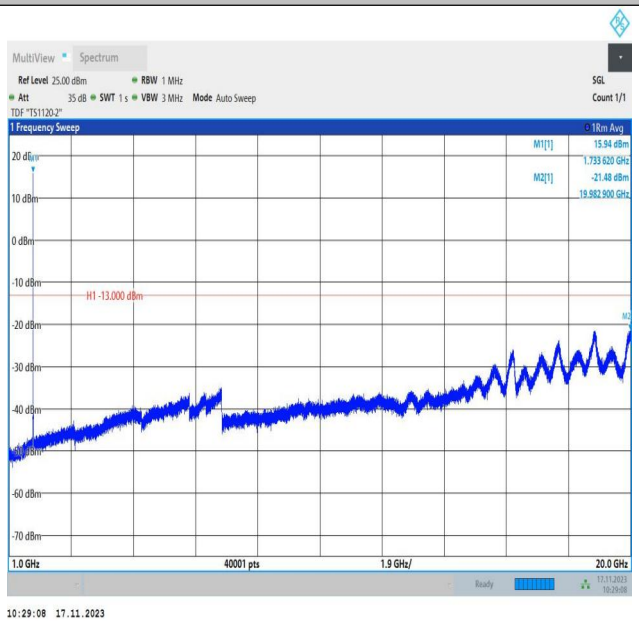


Band4-1413-1-0.009~0.15MHz-PASS

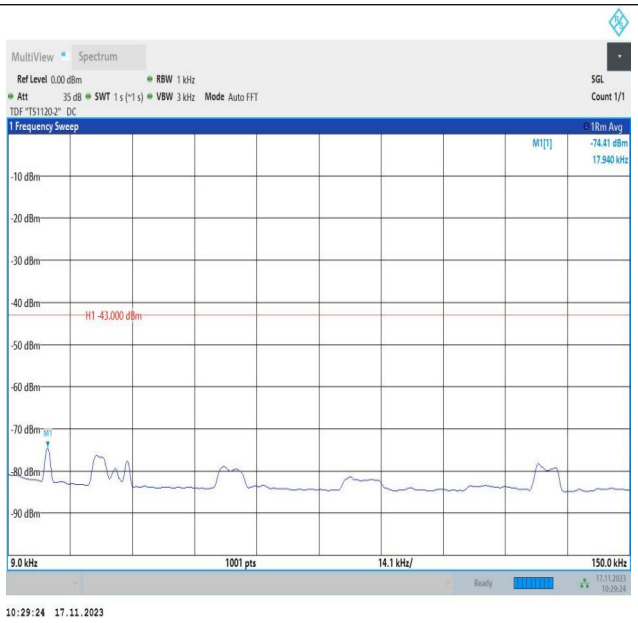
Band4-1413-1-0.15~30MHz-PASS



Band4-1413-1-30~1000MHz-PASS

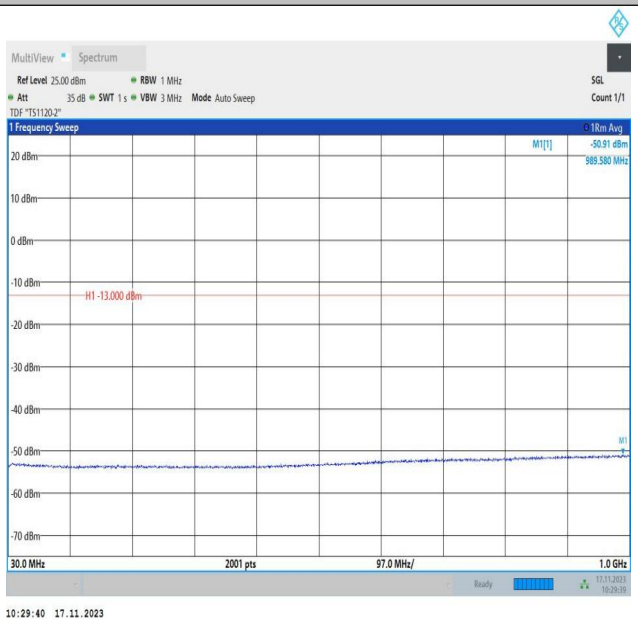


Band4-1413-1-1000~20000MHz-PASS

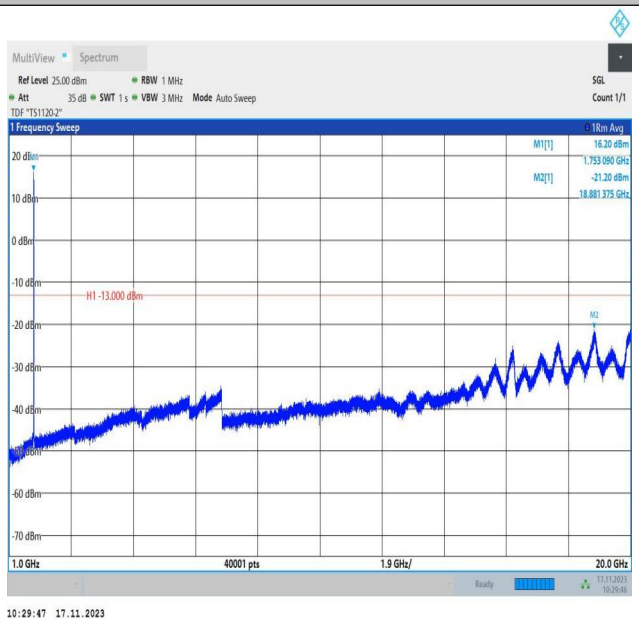


Band4-1513-1-0.009~0.15MHz-PASS

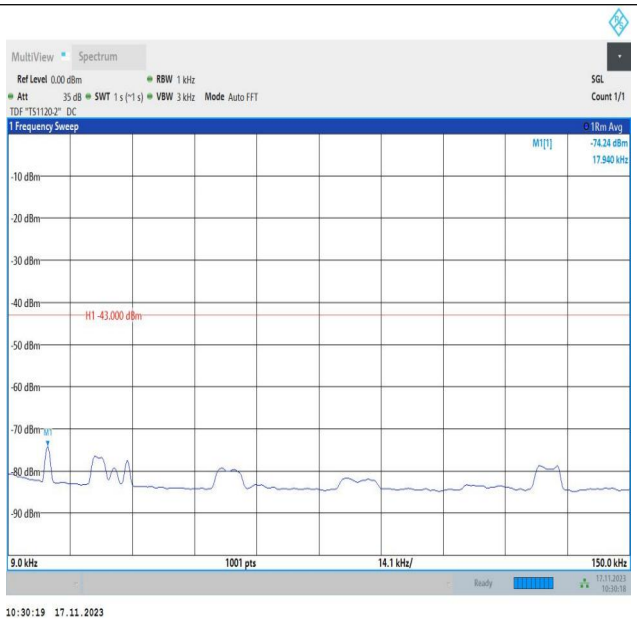
Band4-1513-1-0.15~30MHz-PASS



Band4-1513-1-30~1000MHz-PASS

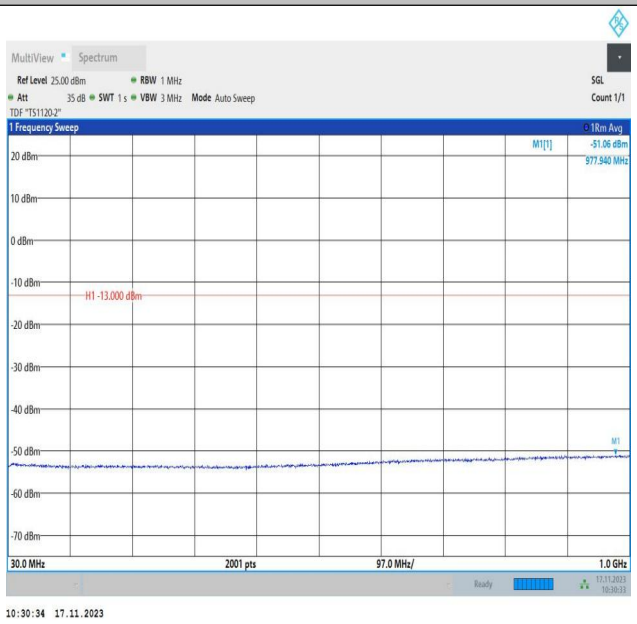


Band4-1513-1-1000~20000MHz-PASS

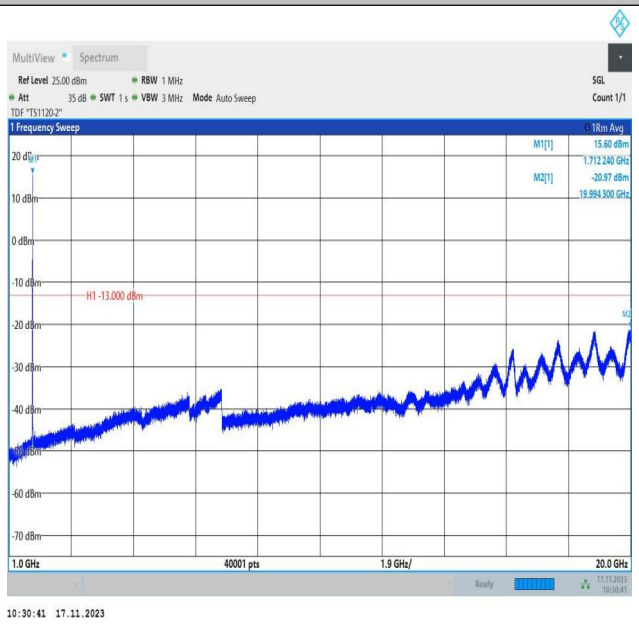


Band4-1312-2-0.009~0.15MHz-PASS

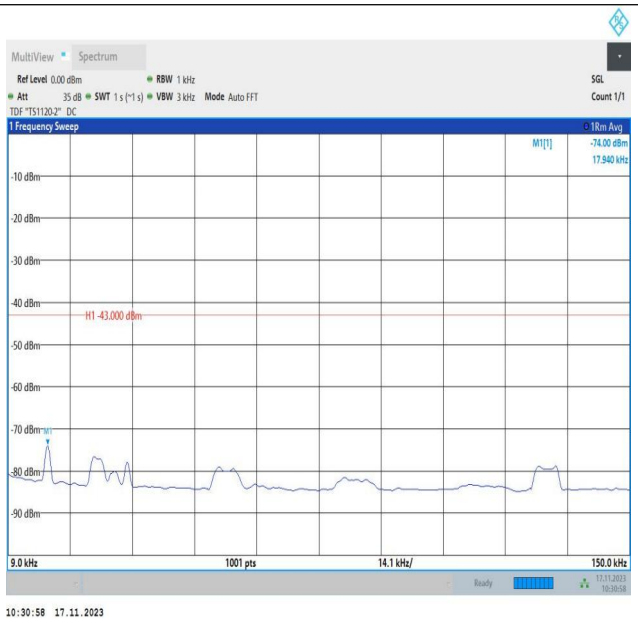
Band4-1312-2-0.15~30MHz-PASS



Band4-1312-2-30~1000MHz-PASS

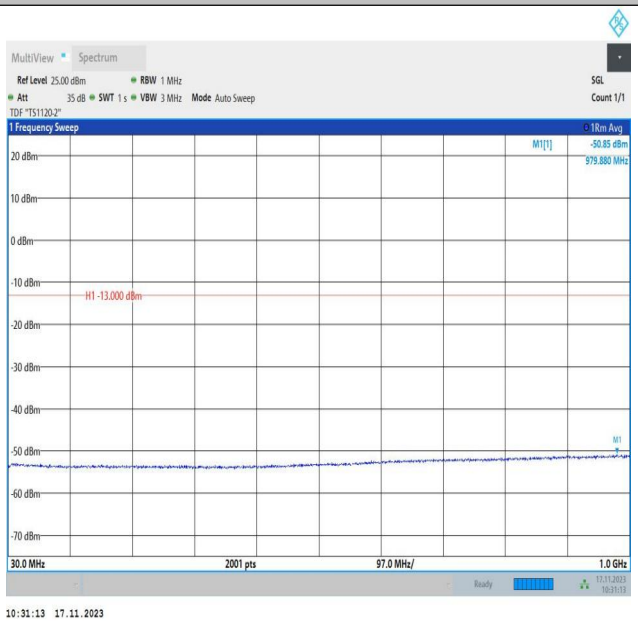


Band4-1312-2-1000~20000MHz-PASS

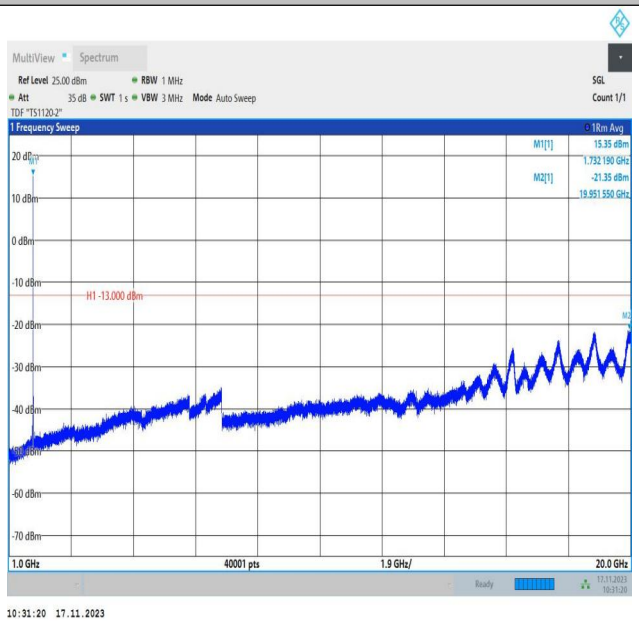


Band4-1413-2-0.009~0.15MHz-PASS

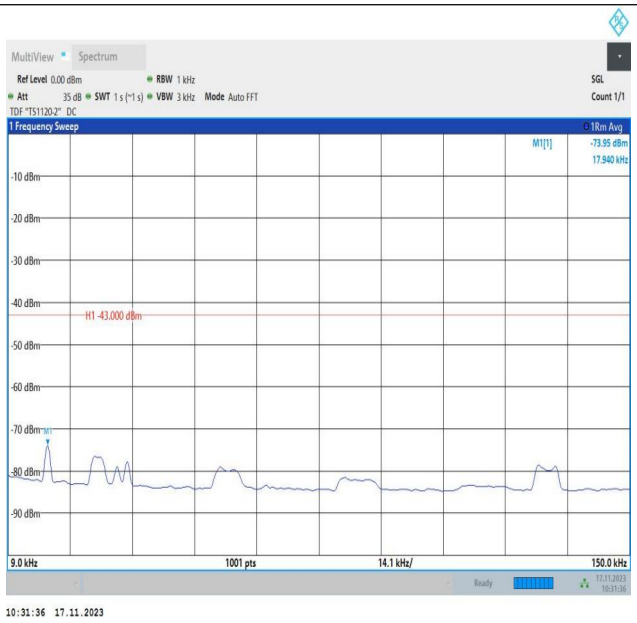
Band4-1413-2-0.15~30MHz-PASS



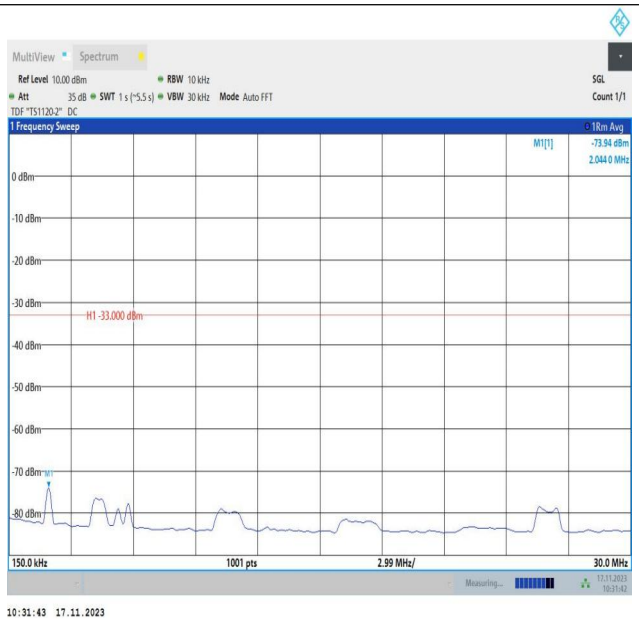
Band4-1413-2-30~1000MHz-PASS



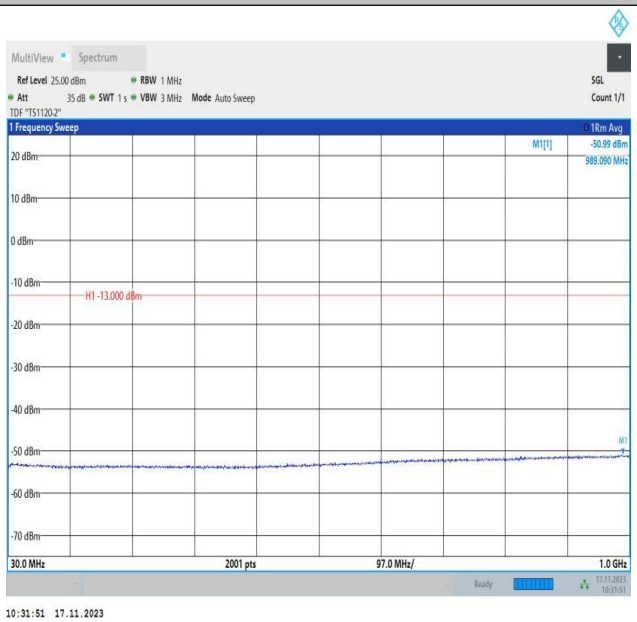
Band4-1413-2-1000~20000MHz-PASS



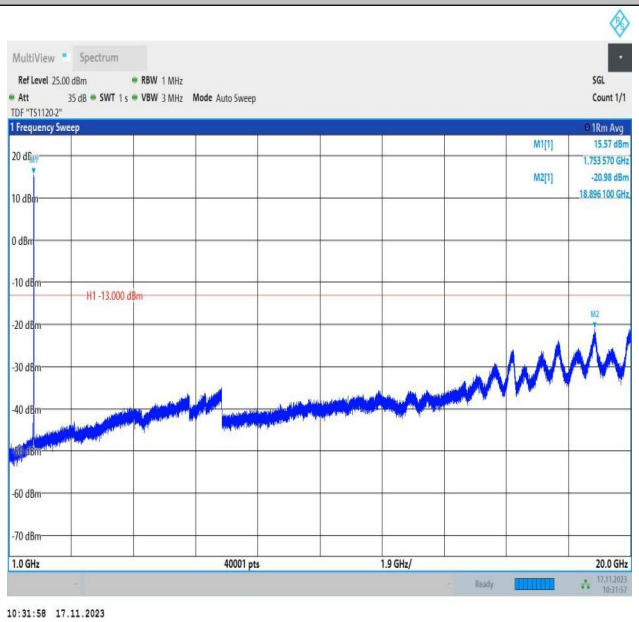
Band4-1513-2-0.009~0.15MHz-PASS



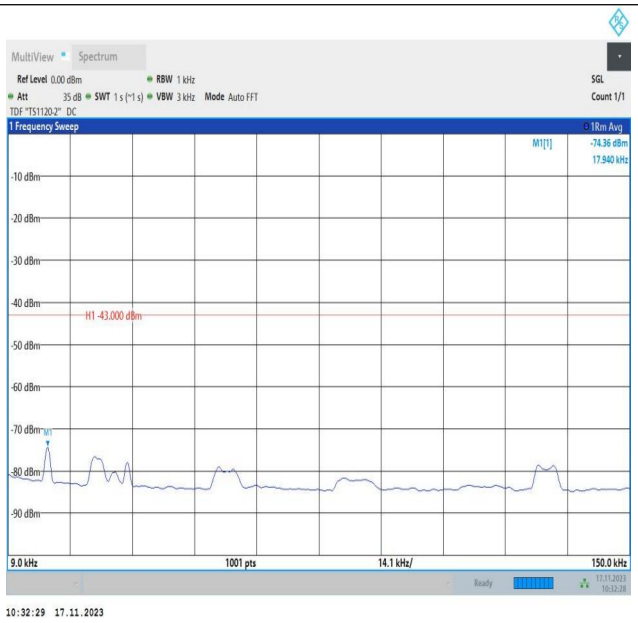
Band4-1513-2-0.15~30MHz-PASS



Band4-1513-2-30~1000MHz-PASS

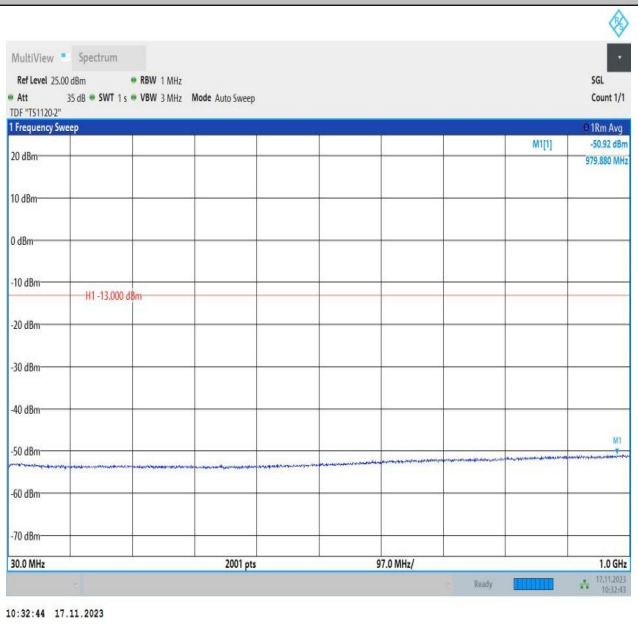


Band4-1513-2-1000~20000MHz-PASS

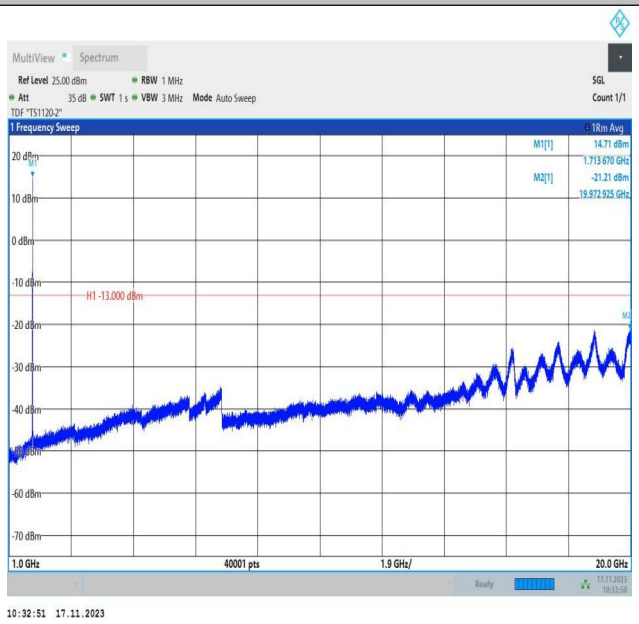


Band4-1312-3-0.009~0.15MHz-PASS

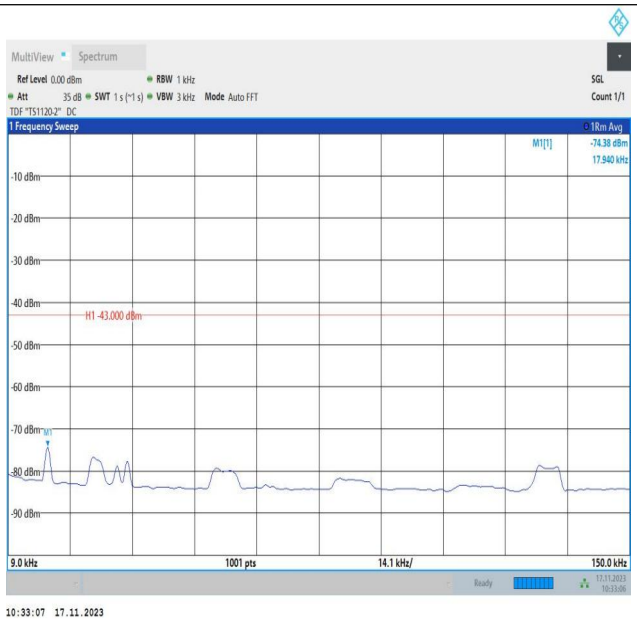
Band4-1312-3-0.15~30MHz-PASS



Band4-1312-3-30~1000MHz-PASS

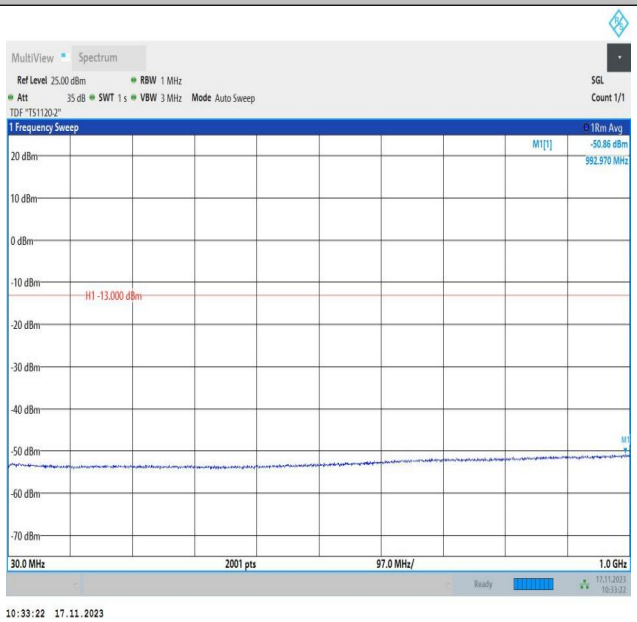


Band4-1312-3-1000~20000MHz-PASS

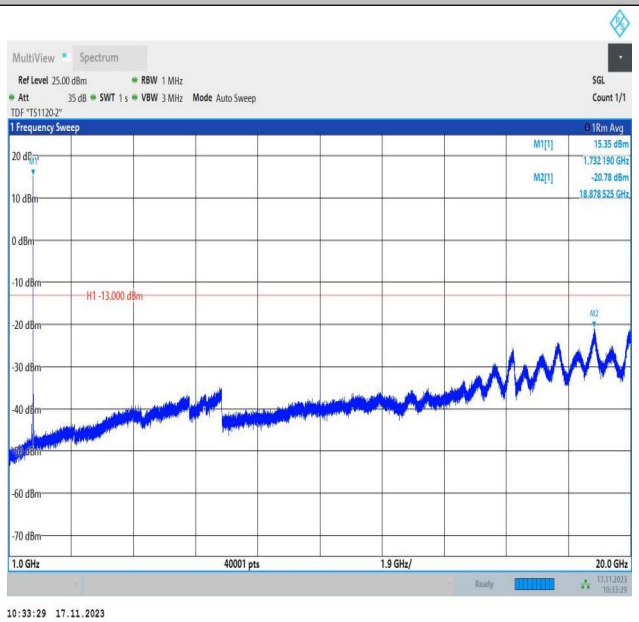


Band4-1413-3-0.009~0.15MHz-PASS

Band4-1413-3-0.15~30MHz-PASS



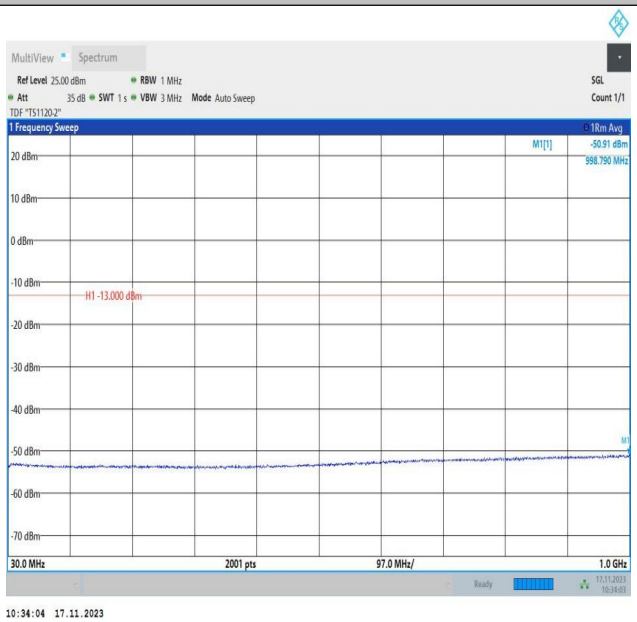
Band4-1413-3-30~1000MHz-PASS



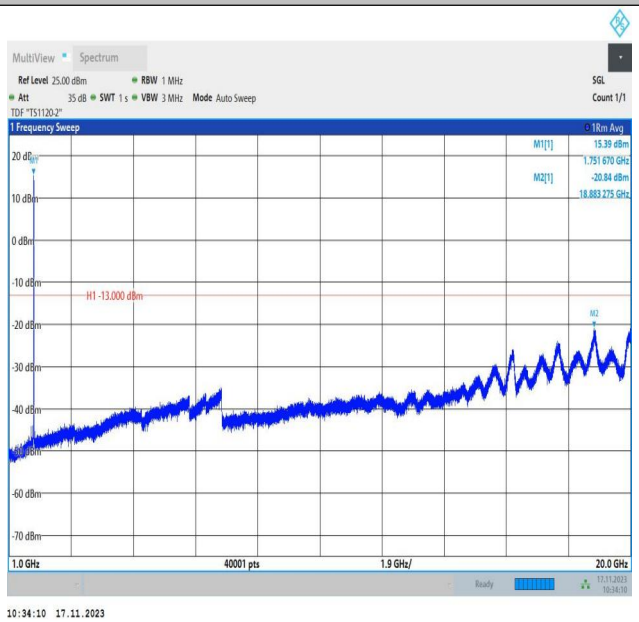
Band4-1413-3-1000~20000MHz-PASS

Band4-1513-3-0.009~0.15MHz-PASS

Band4-1513-3-0.15~30MHz-PASS



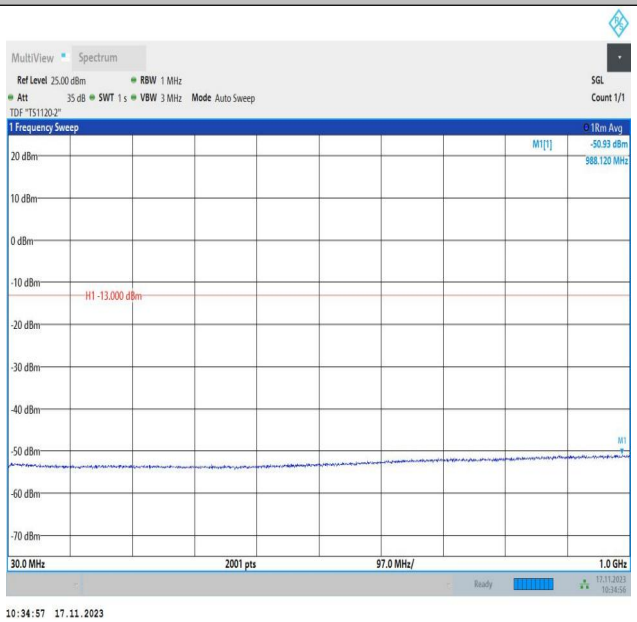
Band4-1513-3-30~1000MHz-PASS



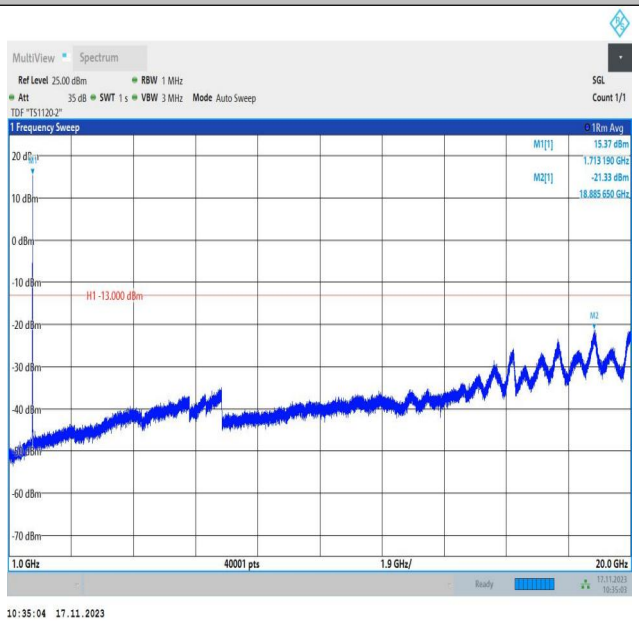
Band4-1513-3-1000~20000MHz-PASS

Band4-1312-4-0.009~0.15MHz-PASS

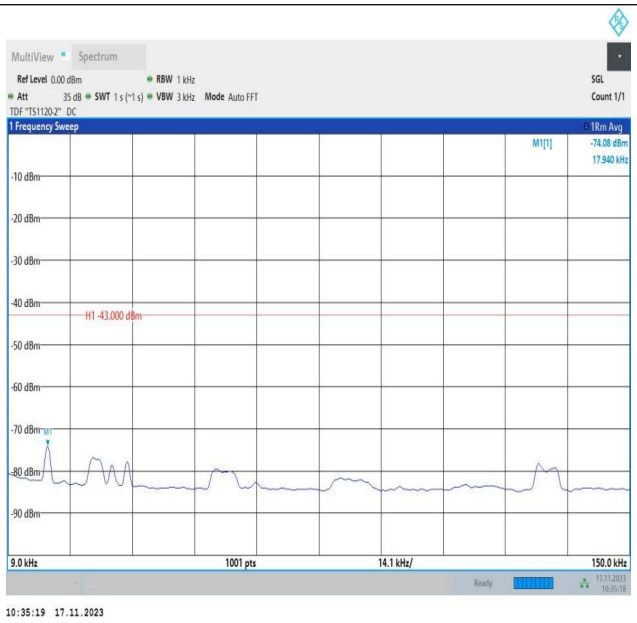
Band4-1312-4-0.15~30MHz-PASS



Band4-1312-4-30~1000MHz-PASS

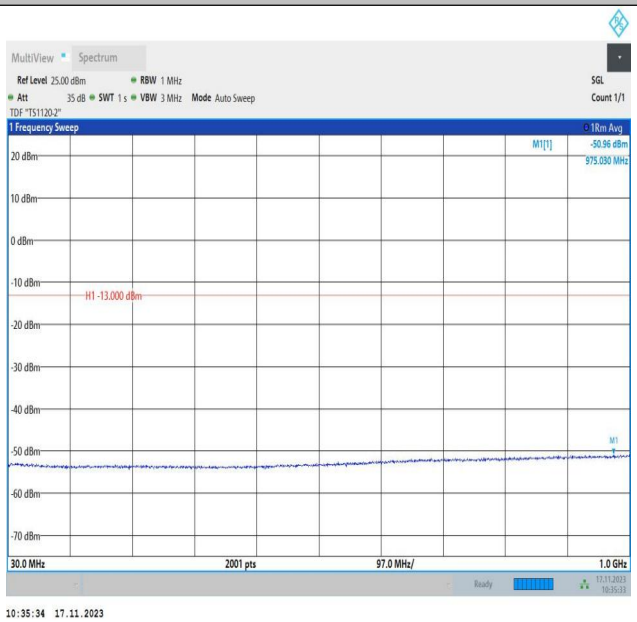


Band4-1312-4-1000~20000MHz-PASS

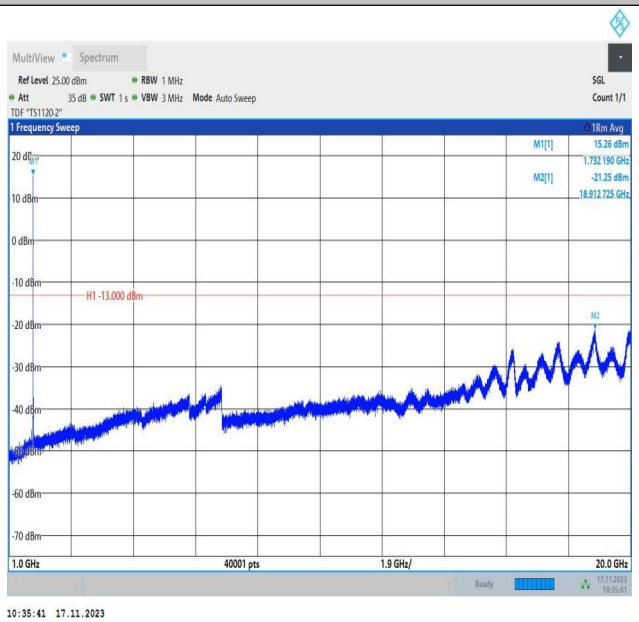


Band4-1413-4-0.009~0.15MHz-PASS

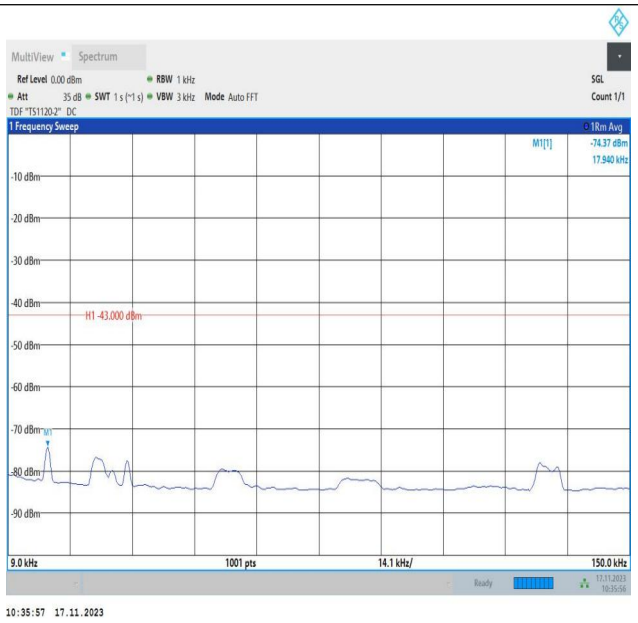
Band4-1413-4-0.15~30MHz-PASS



Band4-1413-4-30~1000MHz-PASS

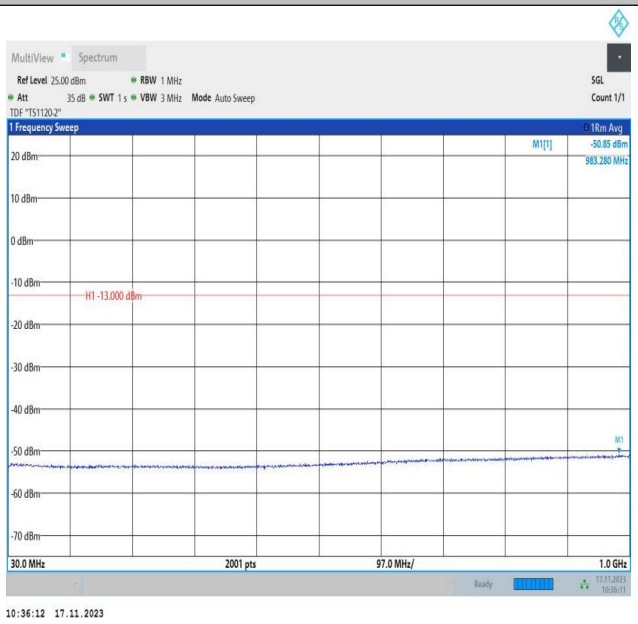


Band4-1413-4-1000~20000MHz-PASS

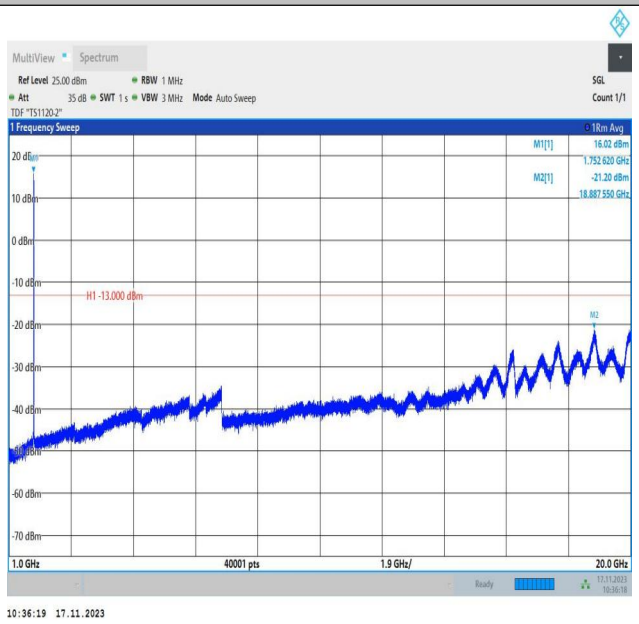


Band4-1513-4-0.009~0.15MHz-PASS

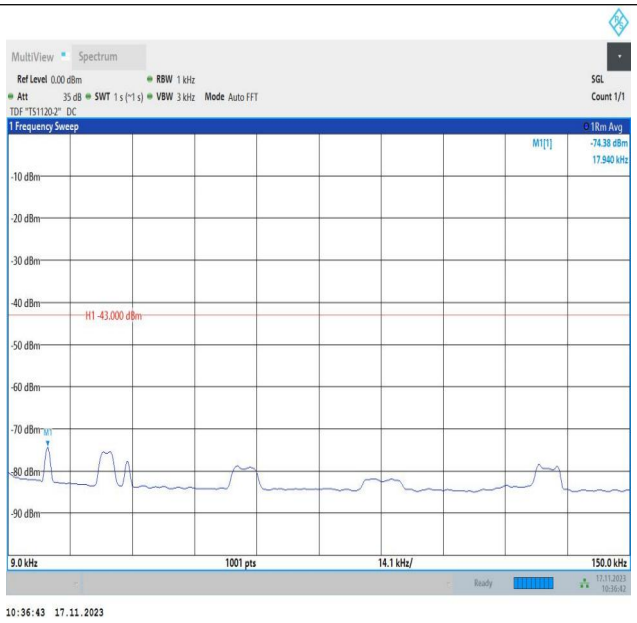
Band4-1513-4-0.15~30MHz-PASS



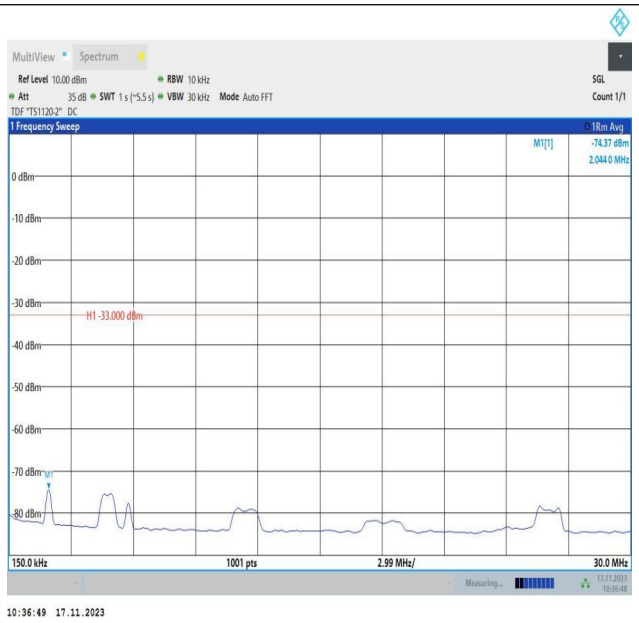
Band4-1513-4-30~1000MHz-PASS



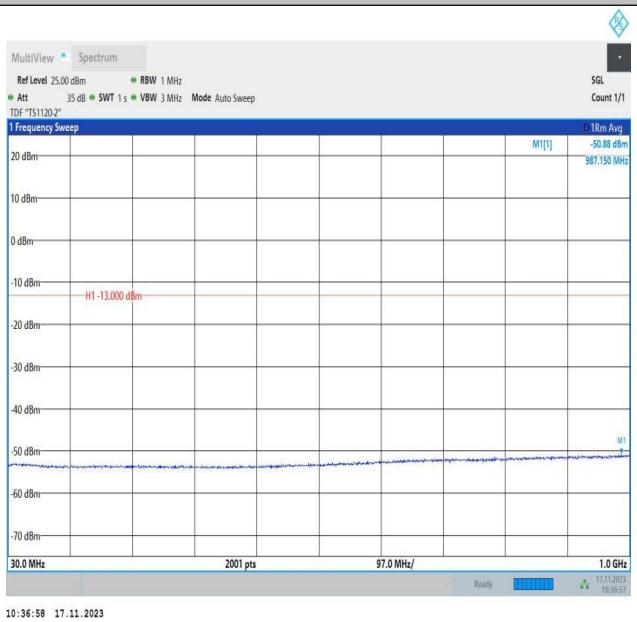
Band4-1513-4-1000~20000MHz-PASS



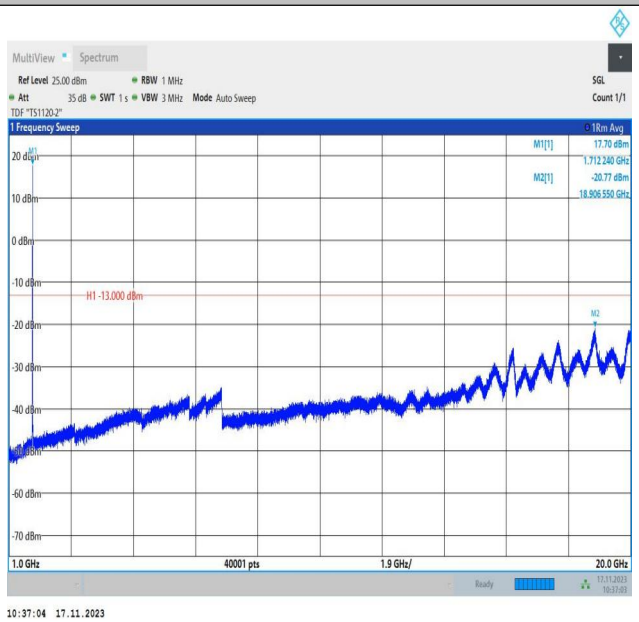
Band4-1312-5-0.009~0.15MHz-PASS



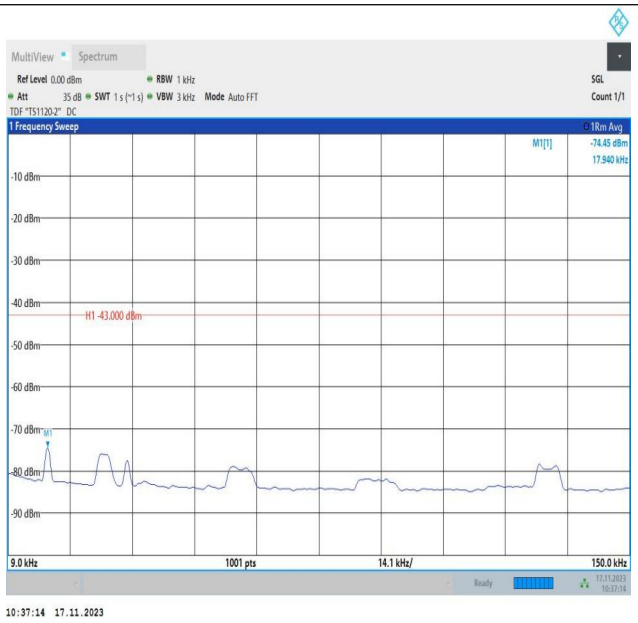
Band4-1312-5-0.15~30MHz-PASS



Band4-1312-5-30~1000MHz-PASS

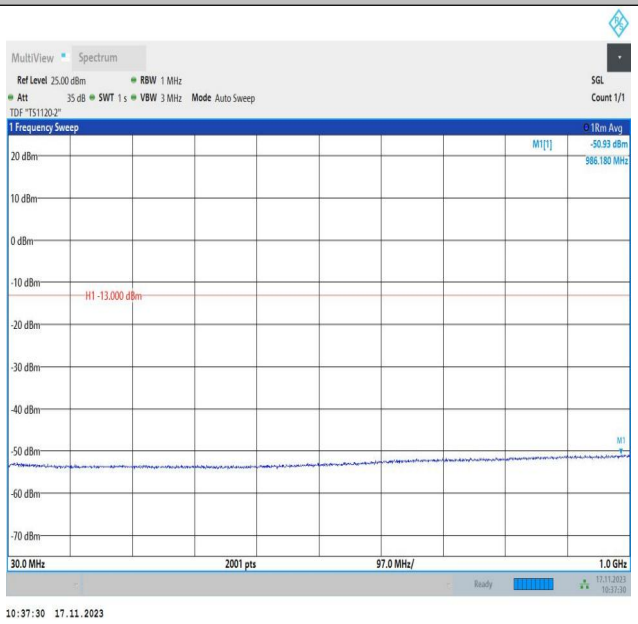


Band4-1312-5-1000~20000MHz-PASS

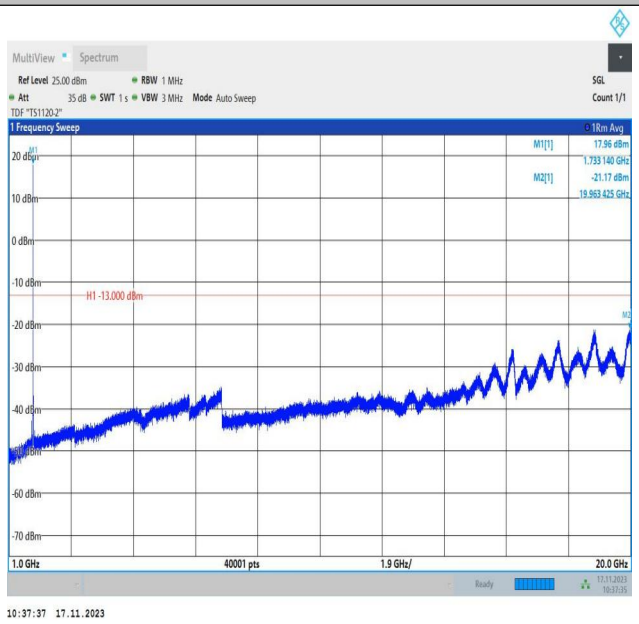


Band4-1413-5-0.009~0.15MHz-PASS

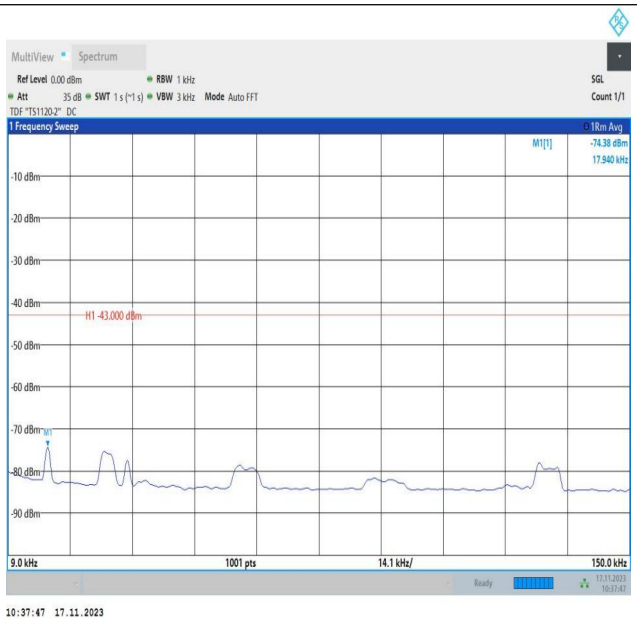
Band4-1413-5-0.15~30MHz-PASS



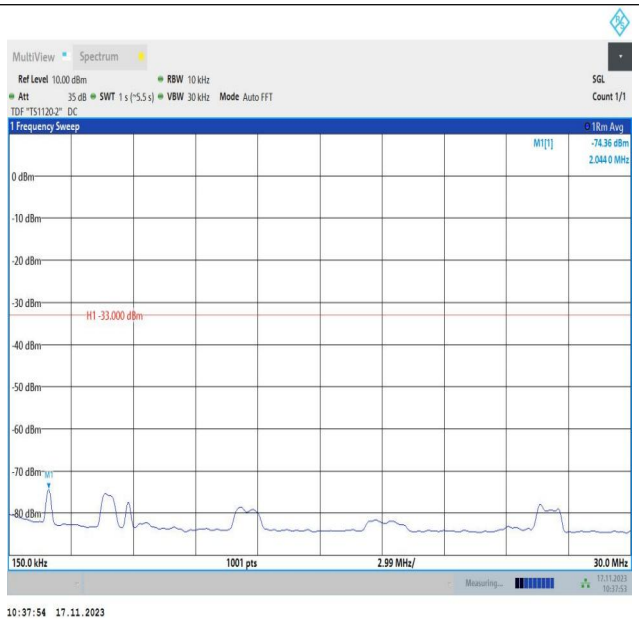
Band4-1413-5-30~1000MHz-PASS



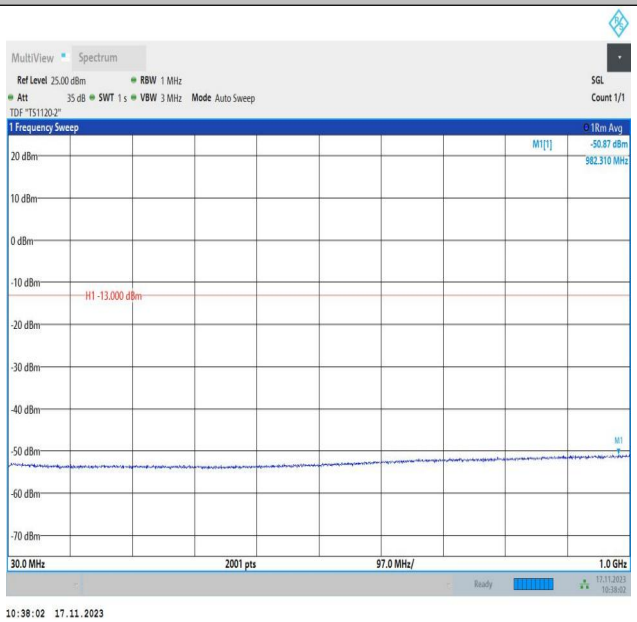
Band4-1413-5-1000~20000MHz-PASS



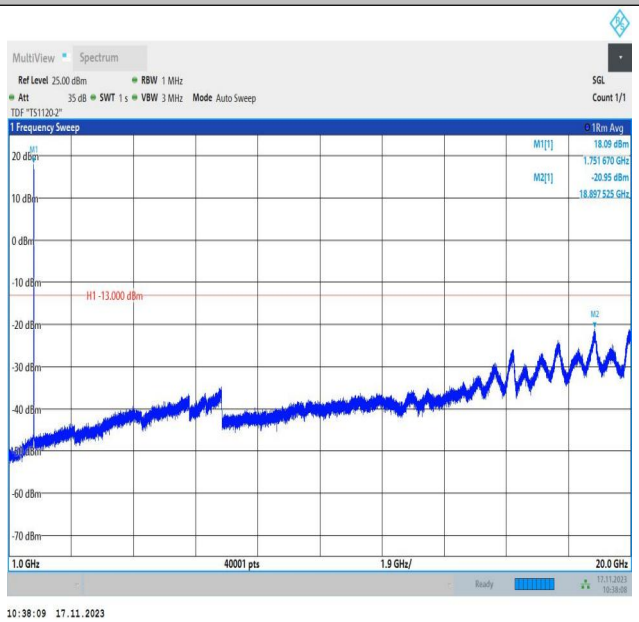
Band4-1513-5-0.009~0.15MHz-PASS



Band4-1513-5-0.15~30MHz-PASS



Band4-1513-5-30~1000MHz-PASS



Band4-1513-5-1000~20000MHz-PASS

Frequency Stability

Test Result

RMC

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	1.63	0.000952	±2.5	PASS
Band4	1312	VL	NT	0.13	0.000076	±2.5	PASS
Band4	1312	VH	NT	0.70	0.000409	±2.5	PASS
Band4	1413	VN	NT	-0.70	-0.000404	±2.5	PASS
Band4	1413	VL	NT	-0.67	-0.000387	±2.5	PASS
Band4	1413	VH	NT	-2.68	-0.001547	±2.5	PASS
Band4	1513	VN	NT	-0.58	-0.000331	±2.5	PASS
Band4	1513	VL	NT	0.65	0.000371	±2.5	PASS
Band4	1513	VH	NT	-0.90	-0.000514	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	1.16	0.000677	±2.5	PASS
Band4	1312	NV	-20	0.46	0.000269	±2.5	PASS
Band4	1312	NV	-10	1.69	0.000987	±2.5	PASS
Band4	1312	NV	0	1.45	0.000847	±2.5	PASS
Band4	1312	NV	10	0.05	0.000029	±2.5	PASS
Band4	1312	NV	20	0.44	0.000257	±2.5	PASS
Band4	1312	NV	30	0.63	0.000368	±2.5	PASS
Band4	1312	NV	40	0.03	0.000018	±2.5	PASS
Band4	1312	NV	50	-1.10	-0.000642	±2.5	PASS
Band4	1413	NV	-30	-1.06	-0.000612	±2.5	PASS
Band4	1413	NV	-20	-0.99	-0.000571	±2.5	PASS
Band4	1413	NV	-10	-1.14	-0.000658	±2.5	PASS
Band4	1413	NV	0	-0.85	-0.000491	±2.5	PASS
Band4	1413	NV	10	-0.56	-0.000323	±2.5	PASS
Band4	1413	NV	20	-1.77	-0.001022	±2.5	PASS
Band4	1413	NV	30	0.09	0.000052	±2.5	PASS
Band4	1413	NV	40	-1.48	-0.000854	±2.5	PASS
Band4	1413	NV	50	-0.80	-0.000462	±2.5	PASS
Band4	1513	NV	-30	-1.39	-0.000793	±2.5	PASS
Band4	1513	NV	-20	0.41	0.000234	±2.5	PASS
Band4	1513	NV	-10	-0.17	-0.000097	±2.5	PASS
Band4	1513	NV	0	-0.35	-0.000200	±2.5	PASS

Band4	1513	NV	10	-1.23	-0.000702	±2.5	PASS
Band4	1513	NV	20	-0.39	-0.000223	±2.5	PASS
Band4	1513	NV	30	-1.15	-0.000656	±2.5	PASS
Band4	1513	NV	40	-0.78	-0.000445	±2.5	PASS
Band4	1513	NV	50	-0.63	-0.000359	±2.5	PASS

HSDPA

Voltage								
Band	Channel	SubTest	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	10.62	0.006202	±2.5	PASS
Band4	1312	1	VL	NT	14.87	0.008684	±2.5	PASS
Band4	1312	1	VH	NT	13.20	0.007708	±2.5	PASS
Band4	1312	2	VN	NT	9.28	0.005419	±2.5	PASS
Band4	1312	2	VL	NT	10.68	0.006237	±2.5	PASS
Band4	1312	2	VH	NT	1.68	0.000981	±2.5	PASS
Band4	1312	3	VN	NT	20.36	0.011890	±2.5	PASS
Band4	1312	3	VL	NT	18.49	0.010798	±2.5	PASS
Band4	1312	3	VH	NT	28.26	0.016503	±2.5	PASS
Band4	1312	4	VN	NT	47.35	0.027651	±2.5	PASS
Band4	1312	4	VL	NT	48.38	0.028253	±2.5	PASS
Band4	1312	4	VH	NT	42.97	0.025093	±2.5	PASS
Band4	1413	1	VN	NT	59.22	0.034180	±2.5	PASS
Band4	1413	1	VL	NT	56.54	0.032633	±2.5	PASS
Band4	1413	1	VH	NT	54.32	0.031352	±2.5	PASS
Band4	1413	2	VN	NT	63.62	0.036719	±2.5	PASS
Band4	1413	2	VL	NT	61.48	0.035484	±2.5	PASS
Band4	1413	2	VH	NT	63.96	0.036916	±2.5	PASS
Band4	1413	3	VN	NT	80.47	0.046445	±2.5	PASS
Band4	1413	3	VL	NT	82.85	0.047818	±2.5	PASS
Band4	1413	3	VH	NT	73.23	0.042266	±2.5	PASS
Band4	1413	4	VN	NT	97.66	0.056366	±2.5	PASS
Band4	1413	4	VL	NT	102.97	0.059431	±2.5	PASS
Band4	1413	4	VH	NT	99.89	0.057653	±2.5	PASS
Band4	1513	1	VN	NT	79.11	0.045139	±2.5	PASS
Band4	1513	1	VL	NT	90.84	0.051832	±2.5	PASS
Band4	1513	1	VH	NT	98.99	0.056482	±2.5	PASS
Band4	1513	2	VN	NT	91.07	0.051963	±2.5	PASS
Band4	1513	2	VL	NT	87.33	0.049829	±2.5	PASS
Band4	1513	2	VH	NT	95.45	0.054462	±2.5	PASS
Band4	1513	3	VN	NT	116.35	0.066387	±2.5	PASS
Band4	1513	3	VL	NT	116.21	0.066307	±2.5	PASS

Band4	1513	3	VH	NT	104.19	0.059449	±2.5	PASS
Band4	1513	4	VN	NT	116.11	0.066250	±2.5	PASS
Band4	1513	4	VL	NT	108.14	0.061703	±2.5	PASS
Band4	1513	4	VH	NT	110.86	0.063255	±2.5	PASS

Temperature								
Band	Channel	SubTest	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	14.50	0.008468	±2.5	PASS
Band4	1312	1	NV	-20	27.60	0.016118	±2.5	PASS
Band4	1312	1	NV	-10	30.12	0.017589	±2.5	PASS
Band4	1312	1	NV	0	19.65	0.011475	±2.5	PASS
Band4	1312	1	NV	10	30.26	0.017671	±2.5	PASS
Band4	1312	1	NV	20	27.95	0.016322	±2.5	PASS
Band4	1312	1	NV	30	35.49	0.020725	±2.5	PASS
Band4	1312	1	NV	40	29.76	0.017379	±2.5	PASS
Band4	1312	1	NV	50	16.37	0.009560	±2.5	PASS
Band4	1312	2	NV	-30	3.48	0.002032	±2.5	PASS
Band4	1312	2	NV	-20	9.15	0.005343	±2.5	PASS
Band4	1312	2	NV	-10	2.06	0.001203	±2.5	PASS
Band4	1312	2	NV	0	18.66	0.010897	±2.5	PASS
Band4	1312	2	NV	10	14.54	0.008491	±2.5	PASS
Band4	1312	2	NV	20	17.88	0.010441	±2.5	PASS
Band4	1312	2	NV	30	24.85	0.014512	±2.5	PASS
Band4	1312	2	NV	40	30.10	0.017578	±2.5	PASS
Band4	1312	2	NV	50	32.89	0.019207	±2.5	PASS
Band4	1312	3	NV	-30	26.17	0.015283	±2.5	PASS
Band4	1312	3	NV	-20	24.61	0.014372	±2.5	PASS
Band4	1312	3	NV	-10	26.06	0.015218	±2.5	PASS
Band4	1312	3	NV	0	27.42	0.016013	±2.5	PASS
Band4	1312	3	NV	10	29.90	0.017461	±2.5	PASS
Band4	1312	3	NV	20	30.16	0.017613	±2.5	PASS
Band4	1312	3	NV	30	26.76	0.015627	±2.5	PASS
Band4	1312	3	NV	40	36.80	0.021490	±2.5	PASS
Band4	1312	3	NV	50	36.44	0.021280	±2.5	PASS
Band4	1312	4	NV	-30	40.38	0.023581	±2.5	PASS
Band4	1312	4	NV	-20	41.32	0.024130	±2.5	PASS
Band4	1312	4	NV	-10	42.94	0.025076	±2.5	PASS
Band4	1312	4	NV	0	43.42	0.025356	±2.5	PASS
Band4	1312	4	NV	10	46.54	0.027178	±2.5	PASS
Band4	1312	4	NV	20	47.74	0.027879	±2.5	PASS
Band4	1312	4	NV	30	40.08	0.023406	±2.5	PASS

Band4	1312	4	NV	40	50.46	0.029467	±2.5	PASS
Band4	1312	4	NV	50	58.85	0.034367	±2.5	PASS
Band4	1413	1	NV	-30	66.45	0.038353	±2.5	PASS
Band4	1413	1	NV	-20	71.22	0.041106	±2.5	PASS
Band4	1413	1	NV	-10	65.67	0.037903	±2.5	PASS
Band4	1413	1	NV	0	63.63	0.036725	±2.5	PASS
Band4	1413	1	NV	10	60.66	0.035011	±2.5	PASS
Band4	1413	1	NV	20	69.78	0.040275	±2.5	PASS
Band4	1413	1	NV	30	63.17	0.036460	±2.5	PASS
Band4	1413	1	NV	40	57.82	0.033372	±2.5	PASS
Band4	1413	1	NV	50	55.49	0.032027	±2.5	PASS
Band4	1413	2	NV	-30	73.10	0.042191	±2.5	PASS
Band4	1413	2	NV	-20	81.78	0.047201	±2.5	PASS
Band4	1413	2	NV	-10	82.52	0.047628	±2.5	PASS
Band4	1413	2	NV	0	76.90	0.044384	±2.5	PASS
Band4	1413	2	NV	10	82.44	0.047582	±2.5	PASS
Band4	1413	2	NV	20	80.74	0.046600	±2.5	PASS
Band4	1413	2	NV	30	88.78	0.051241	±2.5	PASS
Band4	1413	2	NV	40	76.12	0.043934	±2.5	PASS
Band4	1413	2	NV	50	75.51	0.043582	±2.5	PASS
Band4	1413	3	NV	-30	76.32	0.044049	±2.5	PASS
Band4	1413	3	NV	-20	76.60	0.044211	±2.5	PASS
Band4	1413	3	NV	-10	82.45	0.047587	±2.5	PASS
Band4	1413	3	NV	0	85.08	0.049105	±2.5	PASS
Band4	1413	3	NV	10	91.94	0.053065	±2.5	PASS
Band4	1413	3	NV	20	86.76	0.050075	±2.5	PASS
Band4	1413	3	NV	30	95.20	0.054946	±2.5	PASS
Band4	1413	3	NV	40	98.85	0.057053	±2.5	PASS
Band4	1413	3	NV	50	101.59	0.058634	±2.5	PASS
Band4	1413	4	NV	-30	102.23	0.059004	±2.5	PASS
Band4	1413	4	NV	-20	100.13	0.057792	±2.5	PASS
Band4	1413	4	NV	-10	98.37	0.056776	±2.5	PASS
Band4	1413	4	NV	0	107.66	0.062138	±2.5	PASS
Band4	1413	4	NV	10	111.39	0.064291	±2.5	PASS
Band4	1413	4	NV	20	99.15	0.057226	±2.5	PASS
Band4	1413	4	NV	30	92.81	0.053567	±2.5	PASS
Band4	1413	4	NV	40	93.14	0.053757	±2.5	PASS
Band4	1413	4	NV	50	87.76	0.050652	±2.5	PASS
Band4	1513	1	NV	-30	92.01	0.052499	±2.5	PASS
Band4	1513	1	NV	-20	88.03	0.050228	±2.5	PASS
Band4	1513	1	NV	-10	86.36	0.049275	±2.5	PASS

Band4	1513	1	NV	0	88.85	0.050696	±2.5	PASS
Band4	1513	1	NV	10	96.77	0.055215	±2.5	PASS
Band4	1513	1	NV	20	95.37	0.054416	±2.5	PASS
Band4	1513	1	NV	30	87.50	0.049926	±2.5	PASS
Band4	1513	1	NV	40	79.92	0.045601	±2.5	PASS
Band4	1513	1	NV	50	83.10	0.047415	±2.5	PASS
Band4	1513	2	NV	-30	91.05	0.051951	±2.5	PASS
Band4	1513	2	NV	-20	87.64	0.050006	±2.5	PASS
Band4	1513	2	NV	-10	87.58	0.049971	±2.5	PASS
Band4	1513	2	NV	0	80.46	0.045909	±2.5	PASS
Band4	1513	2	NV	10	83.43	0.047604	±2.5	PASS
Band4	1513	2	NV	20	97.87	0.055843	±2.5	PASS
Band4	1513	2	NV	30	109.51	0.062484	±2.5	PASS
Band4	1513	2	NV	40	115.08	0.065662	±2.5	PASS
Band4	1513	2	NV	50	121.20	0.069154	±2.5	PASS
Band4	1513	3	NV	-30	94.59	0.053971	±2.5	PASS
Band4	1513	3	NV	-20	95.55	0.054519	±2.5	PASS
Band4	1513	3	NV	-10	94.83	0.054108	±2.5	PASS
Band4	1513	3	NV	0	100.06	0.057092	±2.5	PASS
Band4	1513	3	NV	10	99.98	0.057047	±2.5	PASS
Band4	1513	3	NV	20	100.73	0.057475	±2.5	PASS
Band4	1513	3	NV	30	103.27	0.058924	±2.5	PASS
Band4	1513	3	NV	40	110.86	0.063255	±2.5	PASS
Band4	1513	3	NV	50	108.04	0.061646	±2.5	PASS
Band4	1513	4	NV	-30	111.51	0.063625	±2.5	PASS
Band4	1513	4	NV	-20	117.26	0.066906	±2.5	PASS
Band4	1513	4	NV	-10	113.77	0.064915	±2.5	PASS
Band4	1513	4	NV	0	127.20	0.072578	±2.5	PASS
Band4	1513	4	NV	10	121.84	0.069520	±2.5	PASS
Band4	1513	4	NV	20	120.12	0.068538	±2.5	PASS
Band4	1513	4	NV	30	112.83	0.064379	±2.5	PASS
Band4	1513	4	NV	40	115.64	0.065982	±2.5	PASS
Band4	1513	4	NV	50	115.88	0.066119	±2.5	PASS

HSUPA

Voltage								
Band	Channel	SubTest	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	VN	NT	-16.89	-0.009863	±2.5	PASS
Band4	1312	1	VL	NT	-35.27	-0.020597	±2.5	PASS
Band4	1312	1	VH	NT	-46.85	-0.027359	±2.5	PASS
Band4	1312	2	VN	NT	-44.44	-0.025952	±2.5	PASS
Band4	1312	2	VL	NT	-49.42	-0.028860	±2.5	PASS
Band4	1312	2	VH	NT	-53.04	-0.030974	±2.5	PASS
Band4	1312	3	VN	NT	-53.98	-0.031523	±2.5	PASS
Band4	1312	3	VL	NT	-59.05	-0.034484	±2.5	PASS
Band4	1312	3	VH	NT	-49.00	-0.028615	±2.5	PASS
Band4	1312	4	VN	NT	-20.02	-0.011691	±2.5	PASS
Band4	1312	4	VL	NT	-12.25	-0.007154	±2.5	PASS
Band4	1312	4	VH	NT	-21.55	-0.012585	±2.5	PASS
Band4	1312	5	VN	NT	-1.10	-0.000642	±2.5	PASS
Band4	1312	5	VL	NT	-0.18	-0.000105	±2.5	PASS
Band4	1312	5	VH	NT	9.49	0.005542	±2.5	PASS
Band4	1413	1	VN	NT	-16.22	-0.009362	±2.5	PASS
Band4	1413	1	VL	NT	-19.75	-0.011399	±2.5	PASS
Band4	1413	1	VH	NT	-23.23	-0.013408	±2.5	PASS
Band4	1413	2	VN	NT	10.74	0.006199	±2.5	PASS
Band4	1413	2	VL	NT	-2.84	-0.001639	±2.5	PASS
Band4	1413	2	VH	NT	-4.67	-0.002695	±2.5	PASS
Band4	1413	3	VN	NT	2.02	0.001166	±2.5	PASS
Band4	1413	3	VL	NT	-0.91	-0.000525	±2.5	PASS
Band4	1413	3	VH	NT	4.83	0.002788	±2.5	PASS
Band4	1413	4	VN	NT	39.23	0.022642	±2.5	PASS
Band4	1413	4	VL	NT	45.30	0.026146	±2.5	PASS
Band4	1413	4	VH	NT	41.56	0.023987	±2.5	PASS
Band4	1413	5	VN	NT	43.68	0.025211	±2.5	PASS
Band4	1413	5	VL	NT	37.24	0.021494	±2.5	PASS
Band4	1413	5	VH	NT	33.98	0.019612	±2.5	PASS
Band4	1513	1	VN	NT	18.92	0.010795	±2.5	PASS
Band4	1513	1	VL	NT	17.35	0.009900	±2.5	PASS
Band4	1513	1	VH	NT	17.02	0.009711	±2.5	PASS
Band4	1513	2	VN	NT	28.91	0.016495	±2.5	PASS
Band4	1513	2	VL	NT	28.84	0.016456	±2.5	PASS
Band4	1513	2	VH	NT	25.40	0.014493	±2.5	PASS
Band4	1513	3	VN	NT	23.79	0.013574	±2.5	PASS
Band4	1513	3	VL	NT	24.67	0.014076	±2.5	PASS

Band4	1513	3	VH	NT	26.13	0.014909	±2.5	PASS
Band4	1513	4	VN	NT	48.24	0.027525	±2.5	PASS
Band4	1513	4	VL	NT	52.33	0.029858	±2.5	PASS
Band4	1513	4	VH	NT	51.99	0.029664	±2.5	PASS
Band4	1513	5	VN	NT	82.63	0.047147	±2.5	PASS
Band4	1513	5	VL	NT	78.62	0.044859	±2.5	PASS
Band4	1513	5	VH	NT	80.78	0.046092	±2.5	PASS

Temperature								
Band	Channel	SubTest	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	1	NV	-30	-56.88	-0.033217	±2.5	PASS
Band4	1312	1	NV	-20	-47.59	-0.027791	±2.5	PASS
Band4	1312	1	NV	-10	-43.47	-0.025385	±2.5	PASS
Band4	1312	1	NV	0	-40.77	-0.023809	±2.5	PASS
Band4	1312	1	NV	10	-38.32	-0.022378	±2.5	PASS
Band4	1312	1	NV	20	-35.45	-0.020702	±2.5	PASS
Band4	1312	1	NV	30	-33.05	-0.019300	±2.5	PASS
Band4	1312	1	NV	40	-37.78	-0.022063	±2.5	PASS
Band4	1312	1	NV	50	-37.44	-0.021864	±2.5	PASS
Band4	1312	2	NV	-30	-49.97	-0.029181	±2.5	PASS
Band4	1312	2	NV	-20	-43.55	-0.025432	±2.5	PASS
Band4	1312	2	NV	-10	-39.77	-0.023225	±2.5	PASS
Band4	1312	2	NV	0	-43.59	-0.025456	±2.5	PASS
Band4	1312	2	NV	10	-52.88	-0.030881	±2.5	PASS
Band4	1312	2	NV	20	-46.09	-0.026915	±2.5	PASS
Band4	1312	2	NV	30	-40.67	-0.023750	±2.5	PASS
Band4	1312	2	NV	40	-47.31	-0.027628	±2.5	PASS
Band4	1312	2	NV	50	-49.22	-0.028743	±2.5	PASS
Band4	1312	3	NV	-30	-44.62	-0.026057	±2.5	PASS
Band4	1312	3	NV	-20	-44.89	-0.026215	±2.5	PASS
Band4	1312	3	NV	-10	-36.21	-0.021146	±2.5	PASS
Band4	1312	3	NV	0	-35.91	-0.020971	±2.5	PASS
Band4	1312	3	NV	10	-32.69	-0.019090	±2.5	PASS
Band4	1312	3	NV	20	-35.24	-0.020579	±2.5	PASS
Band4	1312	3	NV	30	-29.26	-0.017087	±2.5	PASS
Band4	1312	3	NV	40	-25.25	-0.014745	±2.5	PASS
Band4	1312	3	NV	50	-27.97	-0.016334	±2.5	PASS
Band4	1312	4	NV	-30	-22.92	-0.013385	±2.5	PASS
Band4	1312	4	NV	-20	-23.75	-0.013869	±2.5	PASS
Band4	1312	4	NV	-10	-23.81	-0.013904	±2.5	PASS
Band4	1312	4	NV	0	-21.86	-0.012766	±2.5	PASS

Band4	1312	4	NV	10	-22.30	-0.013023	±2.5	PASS
Band4	1312	4	NV	20	-20.87	-0.012188	±2.5	PASS
Band4	1312	4	NV	30	-11.67	-0.006815	±2.5	PASS
Band4	1312	4	NV	40	-5.56	-0.003247	±2.5	PASS
Band4	1312	4	NV	50	0.51	0.000298	±2.5	PASS
Band4	1312	5	NV	-30	15.55	0.009081	±2.5	PASS
Band4	1312	5	NV	-20	17.09	0.009980	±2.5	PASS
Band4	1312	5	NV	-10	17.06	0.009963	±2.5	PASS
Band4	1312	5	NV	0	8.17	0.004771	±2.5	PASS
Band4	1312	5	NV	10	-3.04	-0.001775	±2.5	PASS
Band4	1312	5	NV	20	-1.67	-0.000975	±2.5	PASS
Band4	1312	5	NV	30	4.35	0.002540	±2.5	PASS
Band4	1312	5	NV	40	-5.98	-0.003492	±2.5	PASS
Band4	1312	5	NV	50	-16.57	-0.009676	±2.5	PASS
Band4	1413	1	NV	-30	-17.76	-0.010250	±2.5	PASS
Band4	1413	1	NV	-20	-4.02	-0.002320	±2.5	PASS
Band4	1413	1	NV	-10	-1.03	-0.000594	±2.5	PASS
Band4	1413	1	NV	0	-10.57	-0.006101	±2.5	PASS
Band4	1413	1	NV	10	-8.40	-0.004848	±2.5	PASS
Band4	1413	1	NV	20	-9.82	-0.005668	±2.5	PASS
Band4	1413	1	NV	30	-13.74	-0.007930	±2.5	PASS
Band4	1413	1	NV	40	-3.12	-0.001801	±2.5	PASS
Band4	1413	1	NV	50	-2.43	-0.001403	±2.5	PASS
Band4	1413	2	NV	-30	-1.03	-0.000594	±2.5	PASS
Band4	1413	2	NV	-20	4.89	0.002822	±2.5	PASS
Band4	1413	2	NV	-10	-2.16	-0.001247	±2.5	PASS
Band4	1413	2	NV	0	-0.64	-0.000369	±2.5	PASS
Band4	1413	2	NV	10	-2.66	-0.001535	±2.5	PASS
Band4	1413	2	NV	20	2.82	0.001628	±2.5	PASS
Band4	1413	2	NV	30	7.36	0.004248	±2.5	PASS
Band4	1413	2	NV	40	8.38	0.004837	±2.5	PASS
Band4	1413	2	NV	50	2.38	0.001374	±2.5	PASS
Band4	1413	3	NV	-30	7.66	0.004421	±2.5	PASS
Band4	1413	3	NV	-20	14.24	0.008219	±2.5	PASS
Band4	1413	3	NV	-10	18.37	0.010603	±2.5	PASS
Band4	1413	3	NV	0	23.01	0.013281	±2.5	PASS
Band4	1413	3	NV	10	25.71	0.014839	±2.5	PASS
Band4	1413	3	NV	20	30.37	0.017529	±2.5	PASS
Band4	1413	3	NV	30	36.19	0.020888	±2.5	PASS
Band4	1413	3	NV	40	40.02	0.023098	±2.5	PASS
Band4	1413	3	NV	50	34.60	0.019970	±2.5	PASS

Band4	1413	4	NV	-30	42.55	0.024558	±2.5	PASS
Band4	1413	4	NV	-20	41.31	0.023843	±2.5	PASS
Band4	1413	4	NV	-10	42.81	0.024709	±2.5	PASS
Band4	1413	4	NV	0	43.80	0.025280	±2.5	PASS
Band4	1413	4	NV	10	38.11	0.021996	±2.5	PASS
Band4	1413	4	NV	20	32.38	0.018689	±2.5	PASS
Band4	1413	4	NV	30	33.98	0.019612	±2.5	PASS
Band4	1413	4	NV	40	34.36	0.019831	±2.5	PASS
Band4	1413	4	NV	50	35.00	0.020201	±2.5	PASS
Band4	1413	5	NV	-30	37.00	0.021355	±2.5	PASS
Band4	1413	5	NV	-20	35.05	0.020230	±2.5	PASS
Band4	1413	5	NV	-10	31.62	0.018250	±2.5	PASS
Band4	1413	5	NV	0	36.70	0.021182	±2.5	PASS
Band4	1413	5	NV	10	31.25	0.018036	±2.5	PASS
Band4	1413	5	NV	20	34.80	0.020085	±2.5	PASS
Band4	1413	5	NV	30	26.92	0.015537	±2.5	PASS
Band4	1413	5	NV	40	35.05	0.020230	±2.5	PASS
Band4	1413	5	NV	50	36.59	0.021119	±2.5	PASS
Band4	1513	1	NV	-30	22.65	0.012924	±2.5	PASS
Band4	1513	1	NV	-20	24.63	0.014053	±2.5	PASS
Band4	1513	1	NV	-10	28.40	0.016204	±2.5	PASS
Band4	1513	1	NV	0	23.31	0.013300	±2.5	PASS
Band4	1513	1	NV	10	29.82	0.017015	±2.5	PASS
Band4	1513	1	NV	20	36.15	0.020626	±2.5	PASS
Band4	1513	1	NV	30	34.62	0.019754	±2.5	PASS
Band4	1513	1	NV	40	32.15	0.018344	±2.5	PASS
Band4	1513	1	NV	50	31.99	0.018253	±2.5	PASS
Band4	1513	2	NV	-30	26.56	0.015155	±2.5	PASS
Band4	1513	2	NV	-20	32.87	0.018755	±2.5	PASS
Band4	1513	2	NV	-10	31.90	0.018202	±2.5	PASS
Band4	1513	2	NV	0	34.12	0.019468	±2.5	PASS
Band4	1513	2	NV	10	22.74	0.012975	±2.5	PASS
Band4	1513	2	NV	20	34.21	0.019520	±2.5	PASS
Band4	1513	2	NV	30	29.08	0.016592	±2.5	PASS
Band4	1513	2	NV	40	28.29	0.016142	±2.5	PASS
Band4	1513	2	NV	50	25.22	0.014390	±2.5	PASS
Band4	1513	3	NV	-30	33.63	0.019189	±2.5	PASS
Band4	1513	3	NV	-20	38.18	0.021785	±2.5	PASS
Band4	1513	3	NV	-10	36.63	0.020900	±2.5	PASS
Band4	1513	3	NV	0	40.04	0.022846	±2.5	PASS
Band4	1513	3	NV	10	40.13	0.022897	±2.5	PASS

Band4	1513	3	NV	20	49.51	0.028249	±2.5	PASS
Band4	1513	3	NV	30	45.69	0.026070	±2.5	PASS
Band4	1513	3	NV	40	51.36	0.029305	±2.5	PASS
Band4	1513	3	NV	50	44.81	0.025568	±2.5	PASS
Band4	1513	4	NV	-30	59.48	0.033938	±2.5	PASS
Band4	1513	4	NV	-20	57.26	0.032671	±2.5	PASS
Band4	1513	4	NV	-10	56.98	0.032512	±2.5	PASS
Band4	1513	4	NV	0	56.90	0.032466	±2.5	PASS
Band4	1513	4	NV	10	51.79	0.029550	±2.5	PASS
Band4	1513	4	NV	20	63.00	0.035947	±2.5	PASS
Band4	1513	4	NV	30	68.23	0.038931	±2.5	PASS
Band4	1513	4	NV	40	70.32	0.040123	±2.5	PASS
Band4	1513	4	NV	50	78.47	0.044773	±2.5	PASS
Band4	1513	5	NV	-30	78.36	0.044711	±2.5	PASS
Band4	1513	5	NV	-20	77.83	0.044408	±2.5	PASS
Band4	1513	5	NV	-10	77.52	0.044231	±2.5	PASS
Band4	1513	5	NV	0	76.69	0.043758	±2.5	PASS
Band4	1513	5	NV	10	66.50	0.037944	±2.5	PASS
Band4	1513	5	NV	20	54.80	0.031268	±2.5	PASS
Band4	1513	5	NV	30	65.11	0.037151	±2.5	PASS
Band4	1513	5	NV	40	66.90	0.038172	±2.5	PASS
Band4	1513	5	NV	50	57.46	0.032786	±2.5	PASS