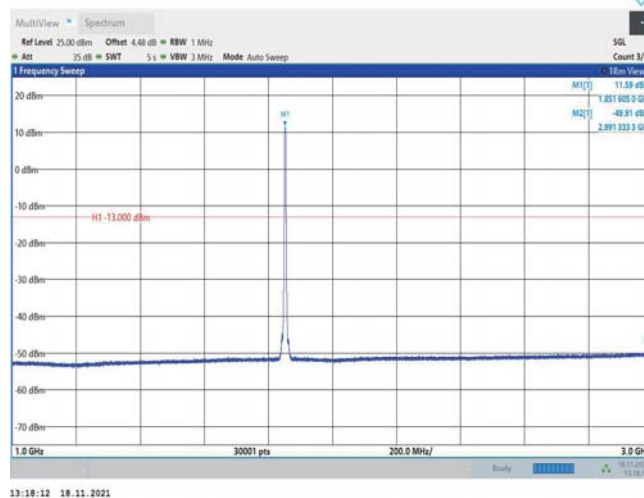
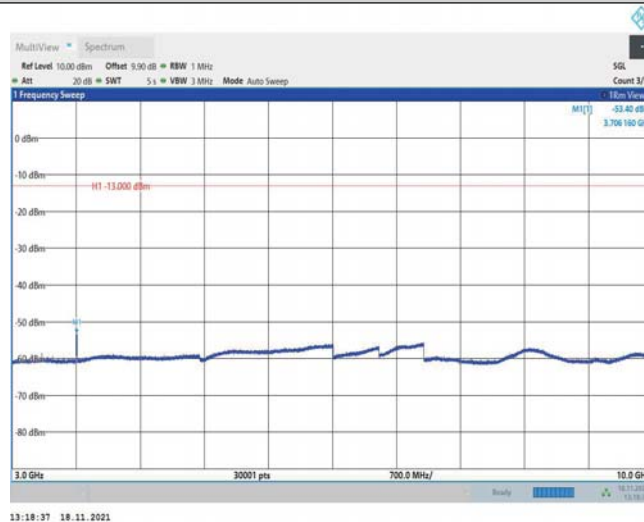




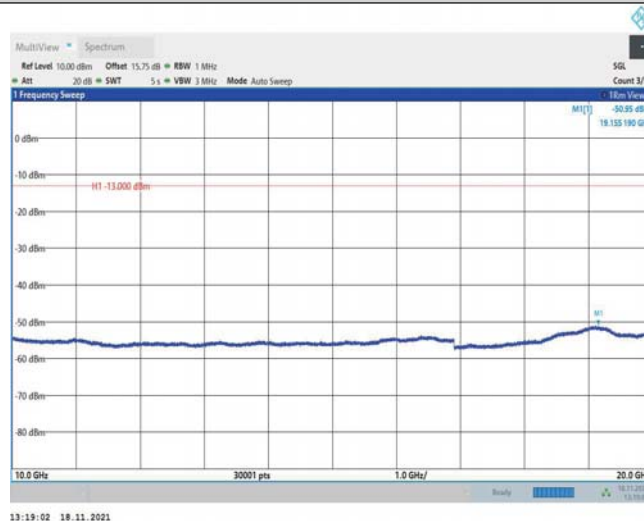
Band2-9262-1000~3000MHz



Band2-9262-3000~10000MHz

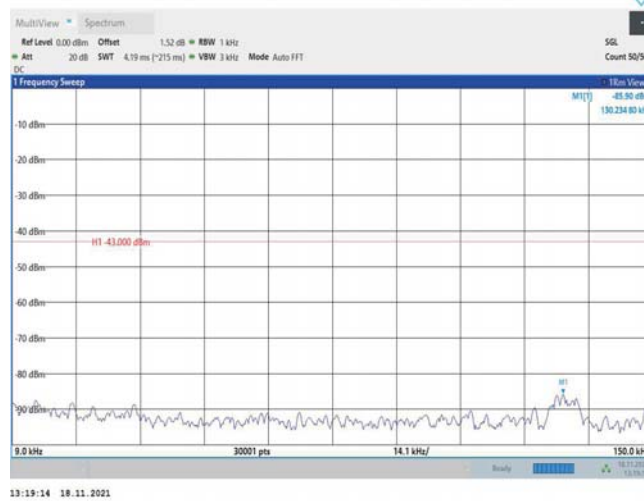


Band2-9262-10000~20000MHz

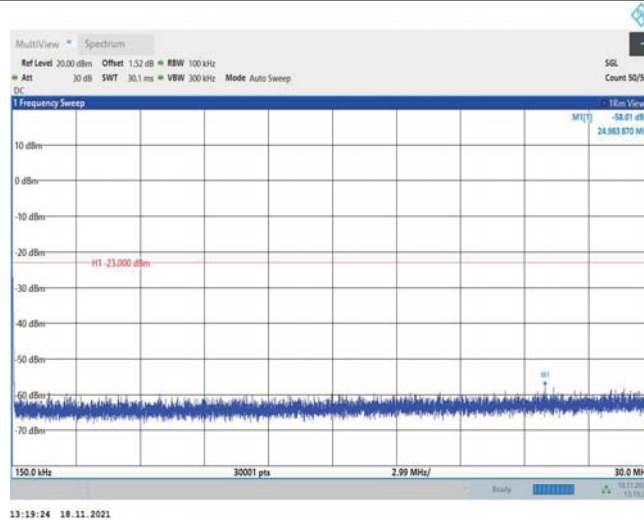




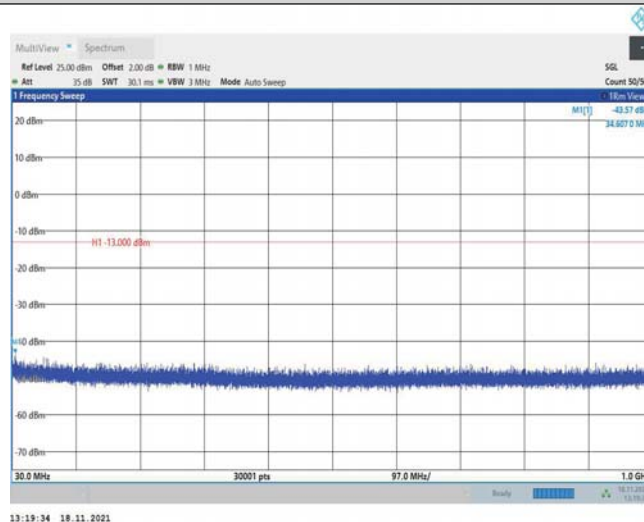
Band2-9400-0.009~0.15MHz



Band2-9400-0.15~30MHz

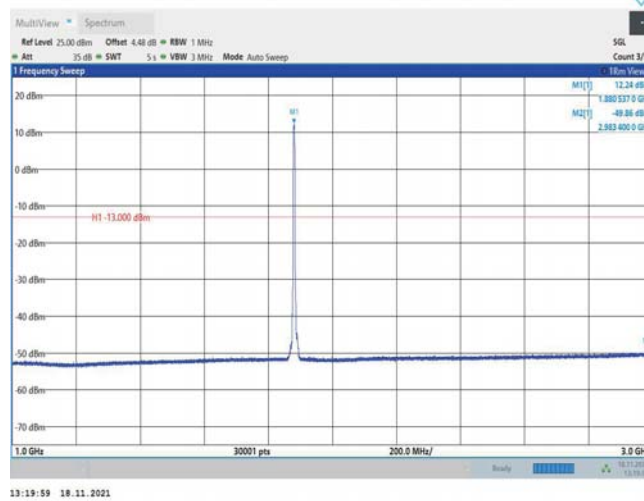


Band2-9400-30~1000MHz

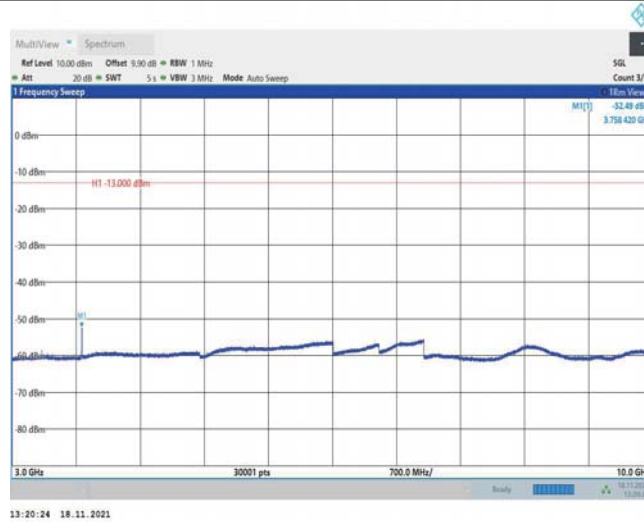




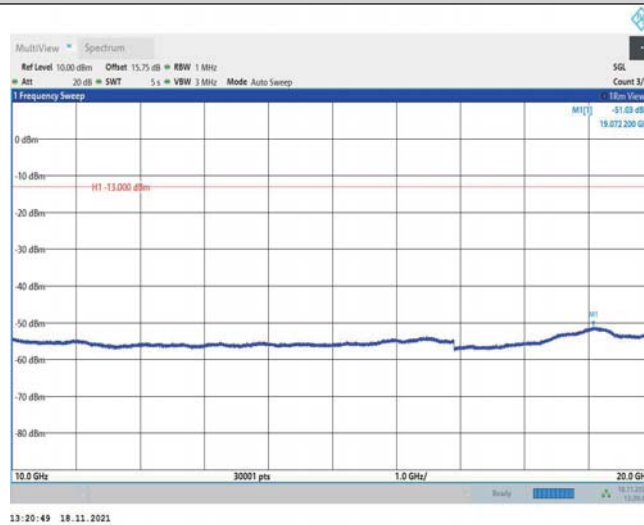
Band2-9400-1000~3000MHz



Band2-9400-3000~10000MHz

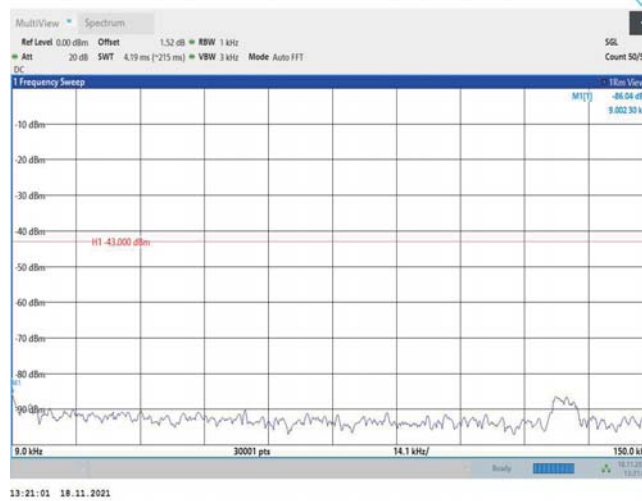


Band2-9400-10000~20000MHz

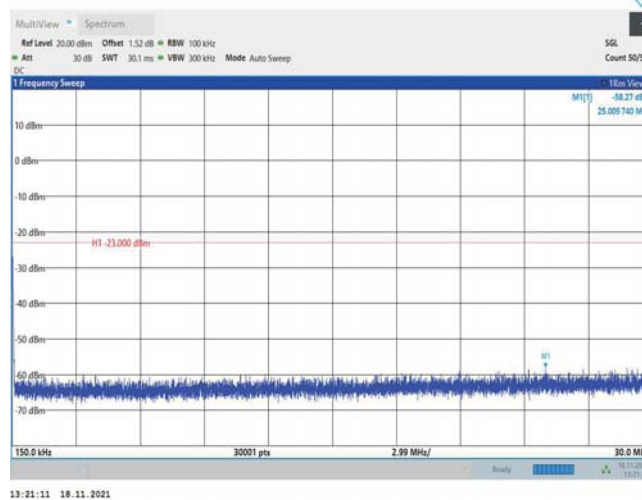




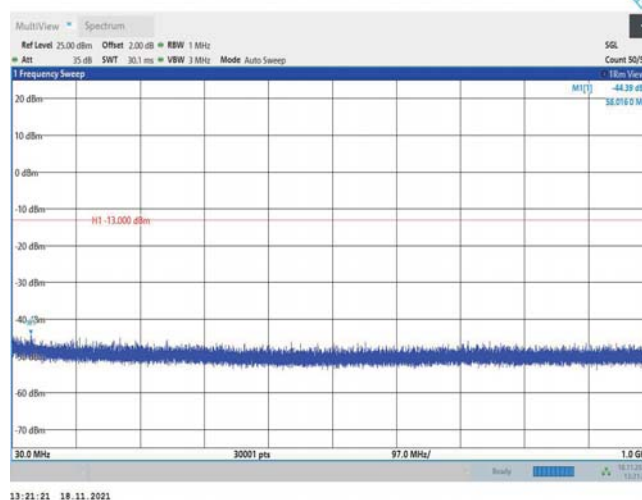
Band2-9538-0.009~0.15MHz



Band2-9538-0.15~30MHz

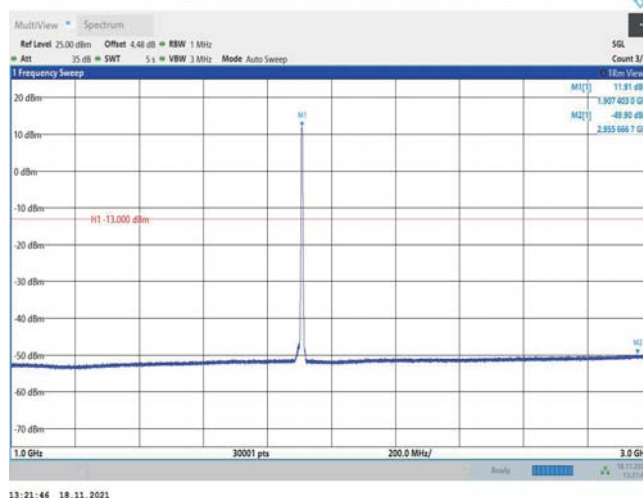


Band2-9538-30~1000MHz

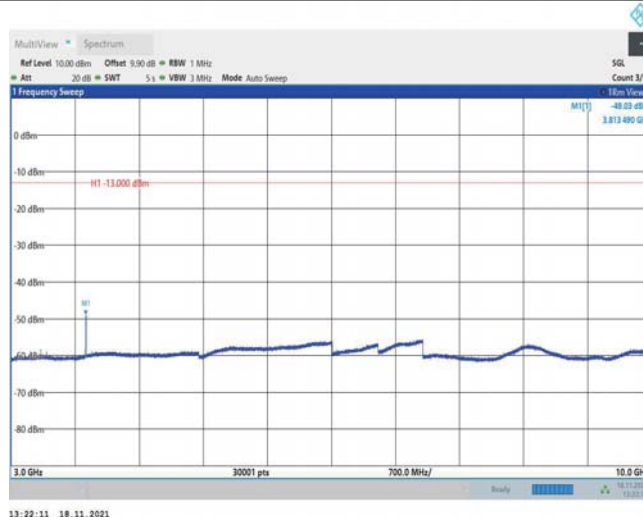




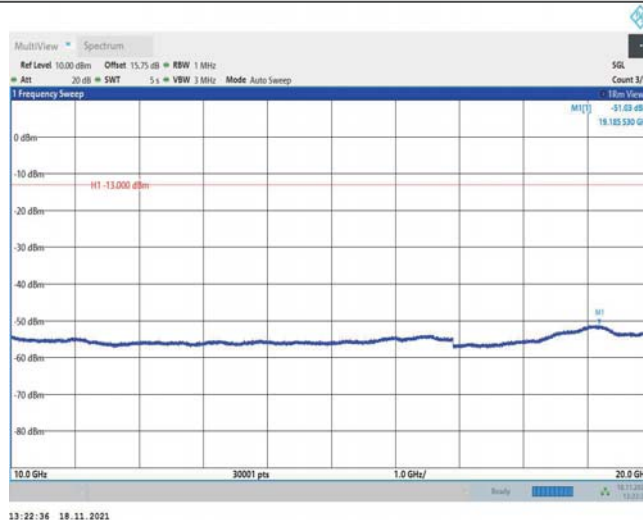
Band2-9538-1000~3000MHz



Band2-9538-3000~10000MHz



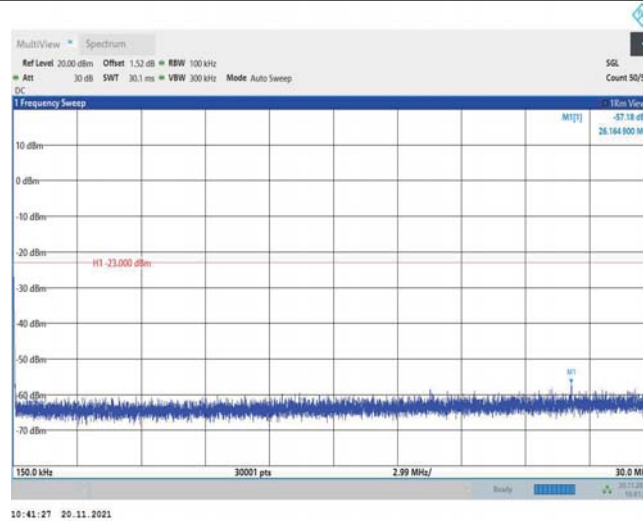
Band2-9538-10000~20000MHz



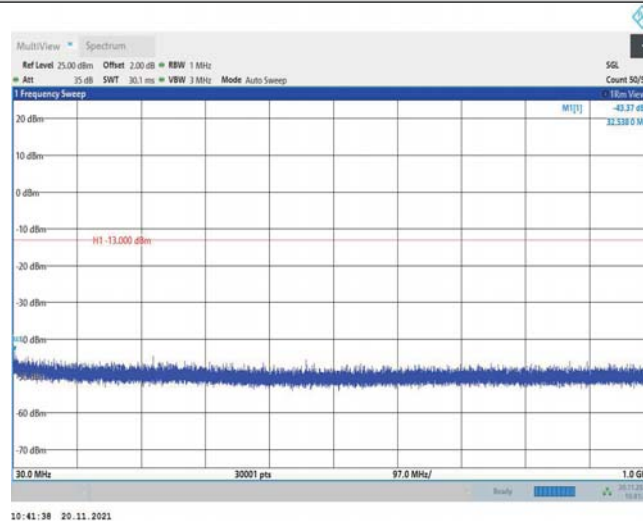


5.5.5 Test Graphs(HSDPA)

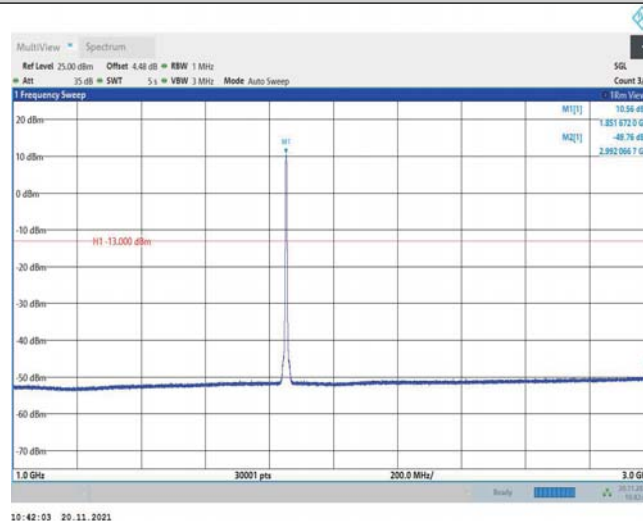
Band2-9262-1-0.15~30MHz



Band2-9262-1-30~1000MHz

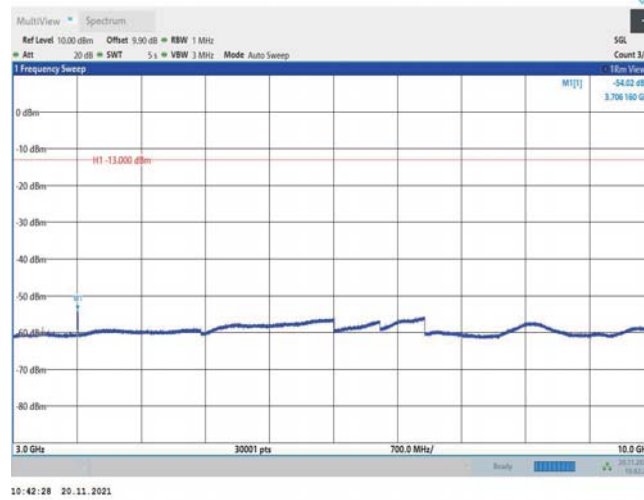


Band2-9262-1-1000~3000MHz

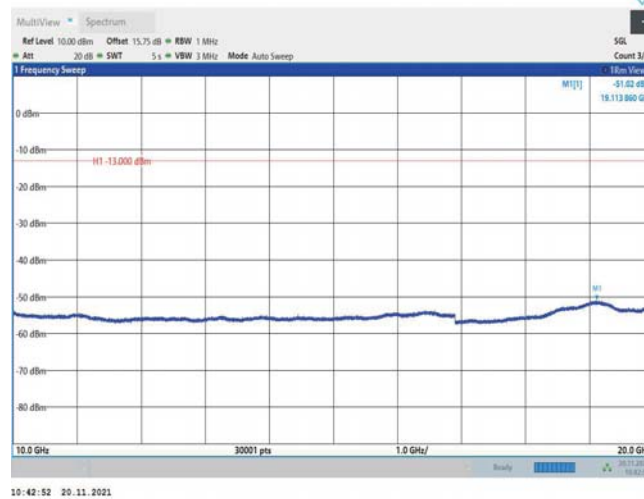




Band2-9262-1-3000~10000MHz



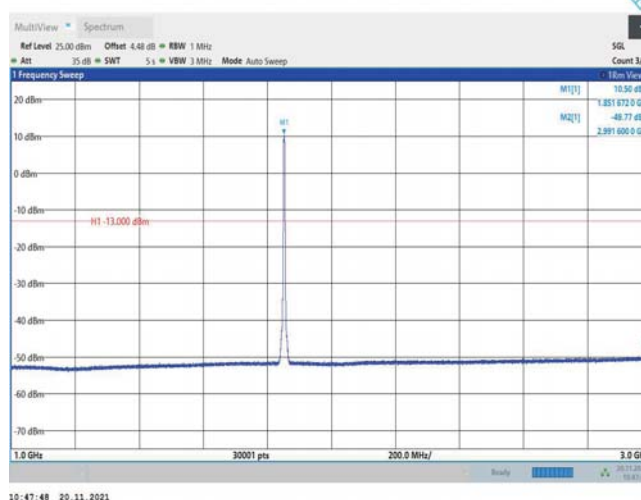
Band2-9262-1-10000~20000MHz



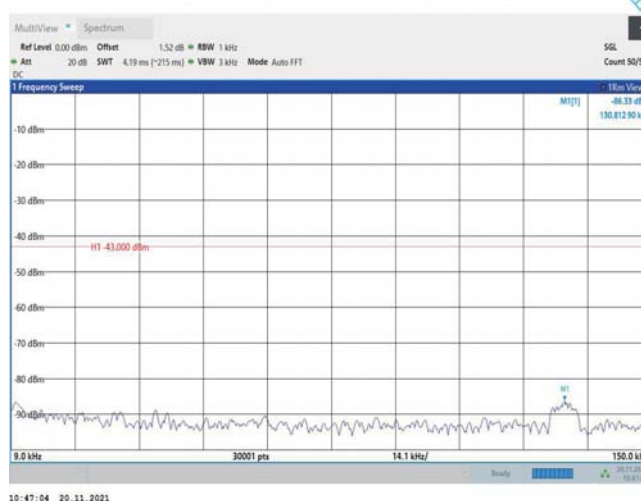
Band2-9262-1-0.009~0.15MHz



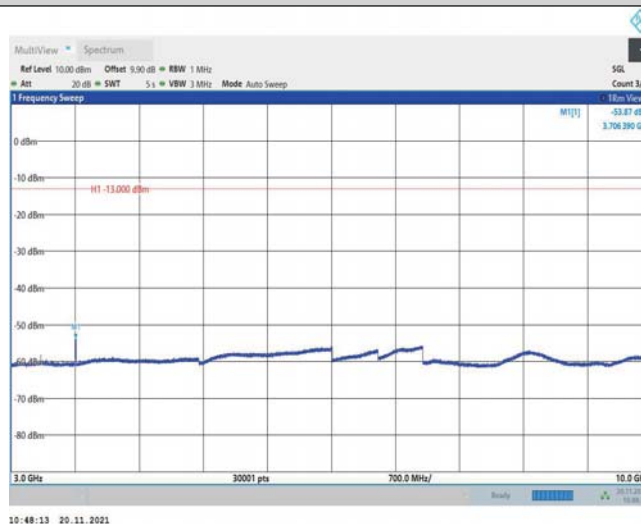
Band2-9262-2-1000~3000MHz



Band2-9262-2-0.009~0.15MHz

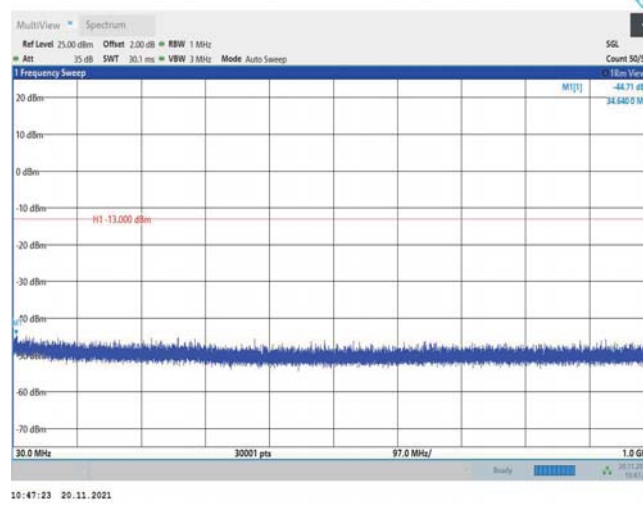


Band2-9262-2-3000~10000MHz

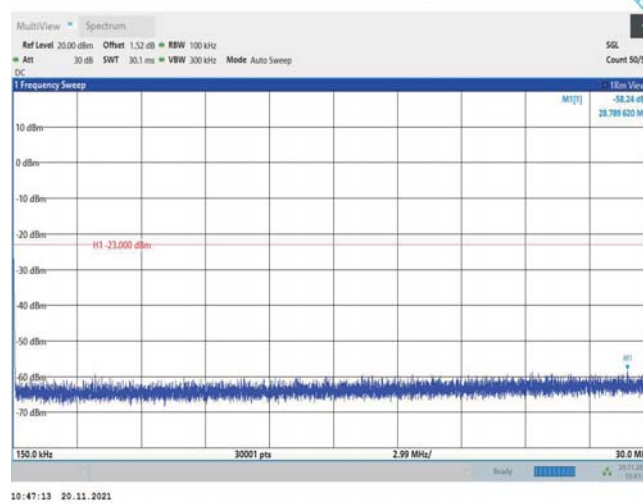




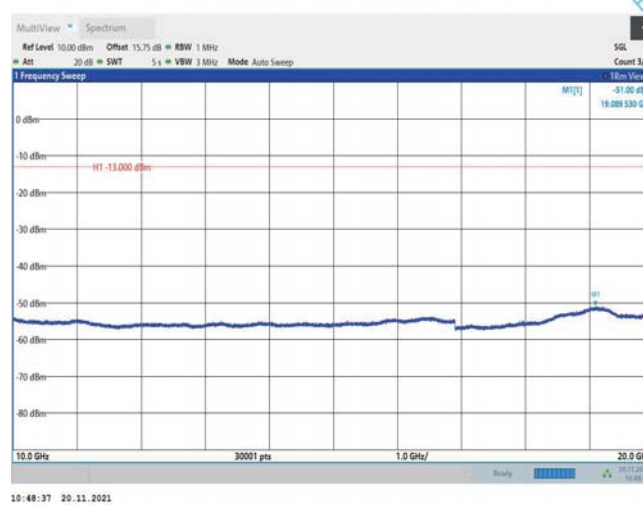
Band2-9262-2-30~1000MHz



Band2-9262-2-0.15~30MHz

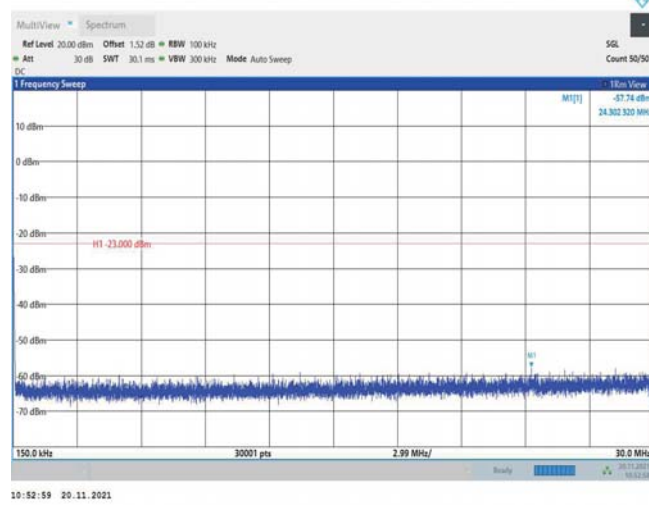


Band2-9262-2-10000~20000MHz

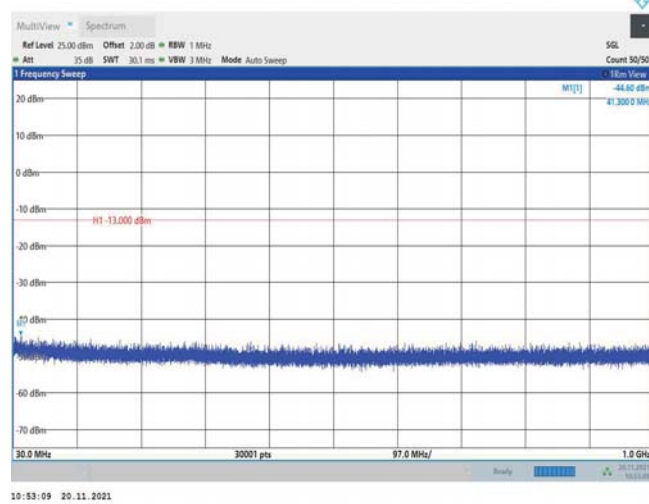




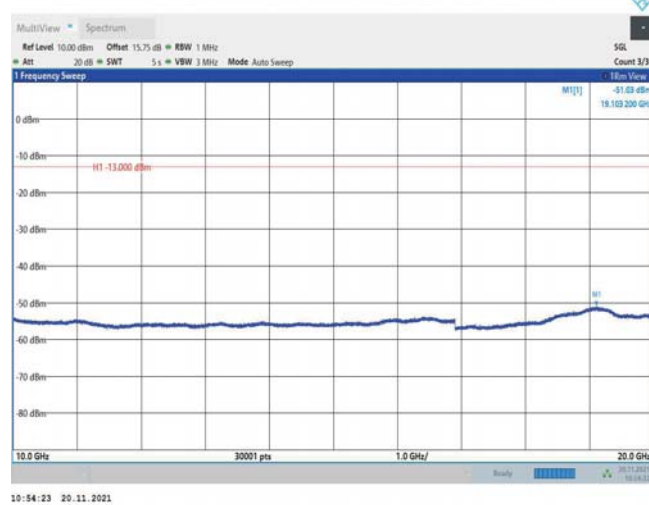
Band2-9262-3-0.15~30MHz



Band2-9262-3-30~1000MHz

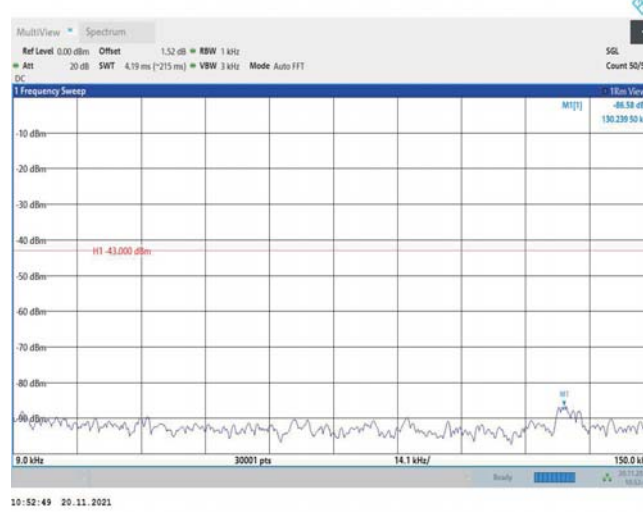


Band2-9262-3-10000~20000MHz

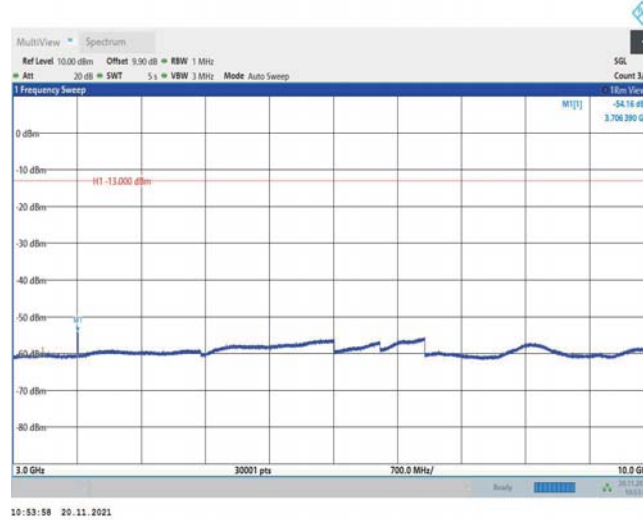




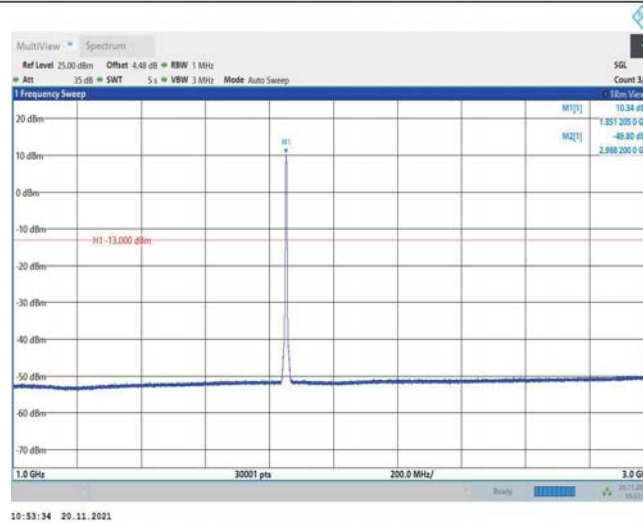
Band2-9262-3-0.009~0.15MHz



Band2-9262-3-3000~10000MHz

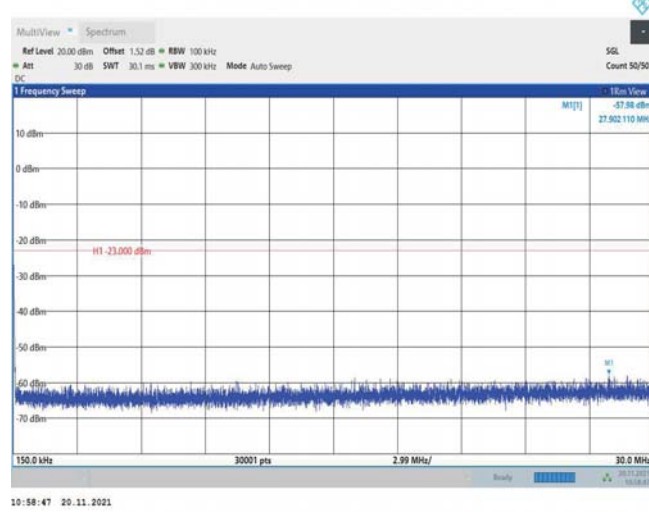


Band2-9262-3-1000~3000MHz

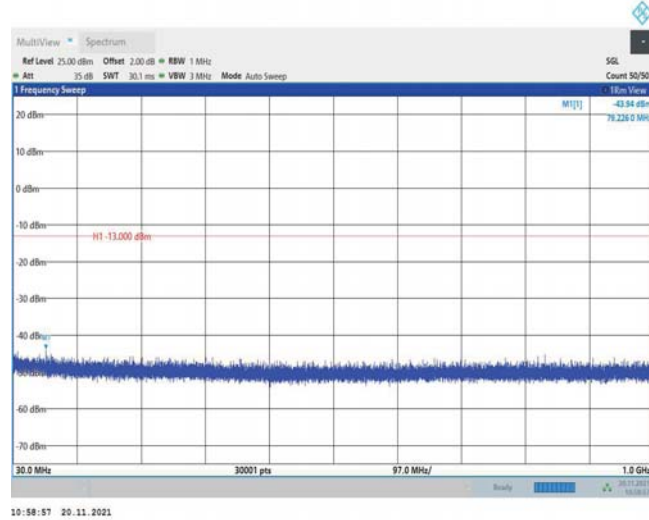




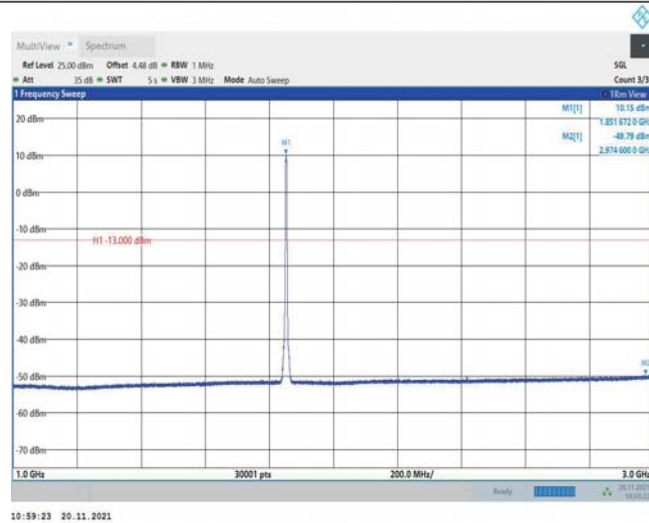
Band2-9262-4-0.15~30MHz



Band2-9262-4-30~1000MHz

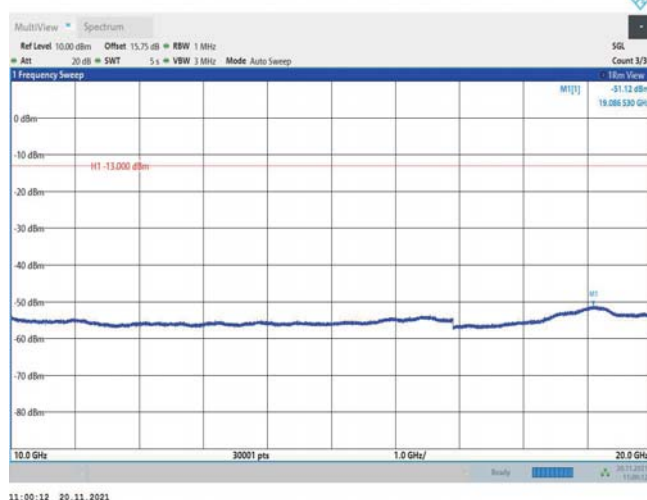


Band2-9262-4-1000~3000MHz

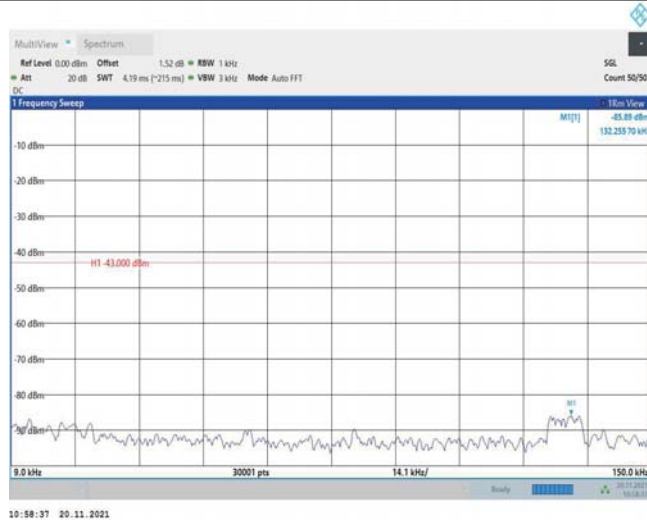




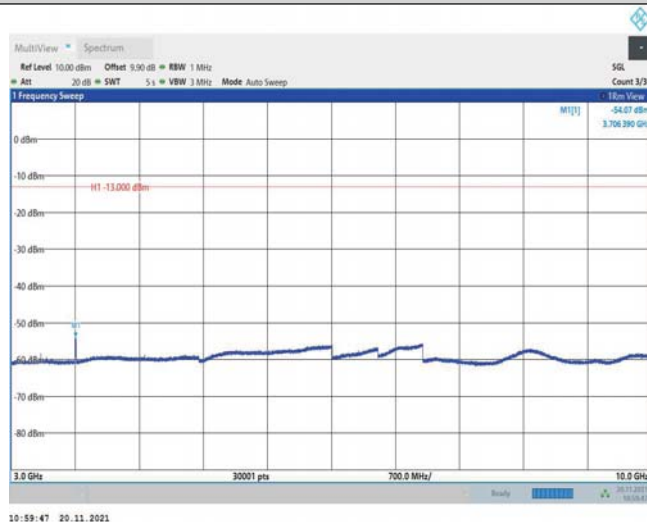
Band2-9262-4-10000~20000MHz



Band2-9262-4-0.009~0.15MHz

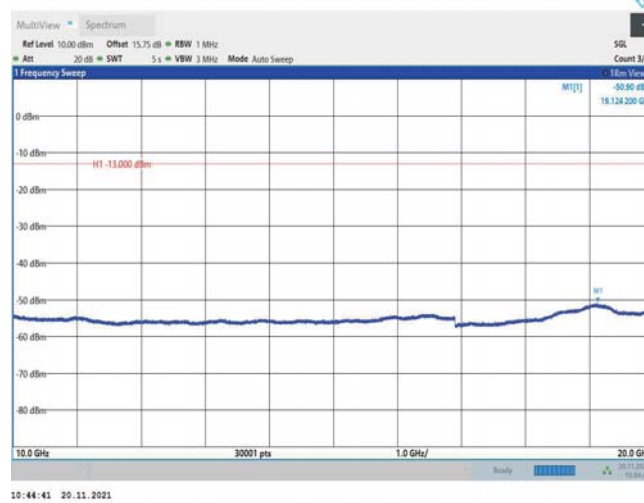


Band2-9262-4-3000~10000MHz

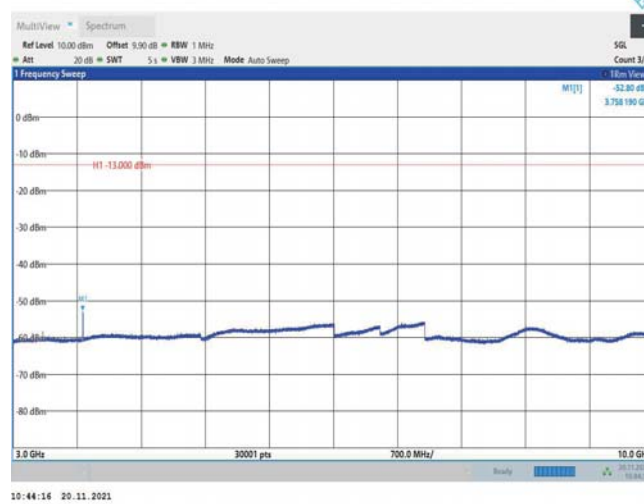




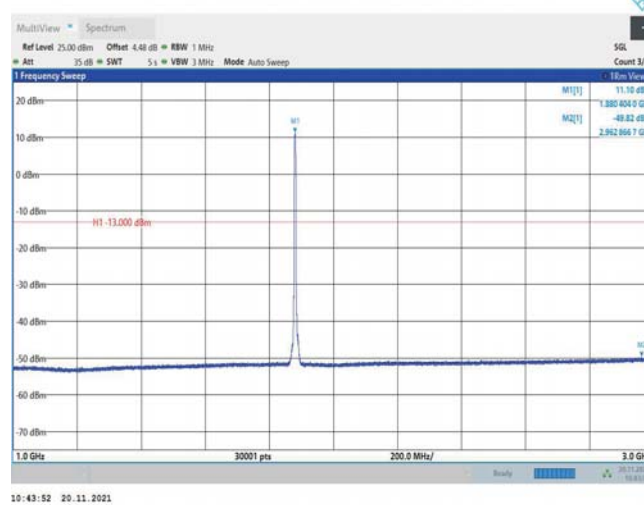
Band2-9400-1-10000~20000MHz



Band2-9400-1-3000~10000MHz

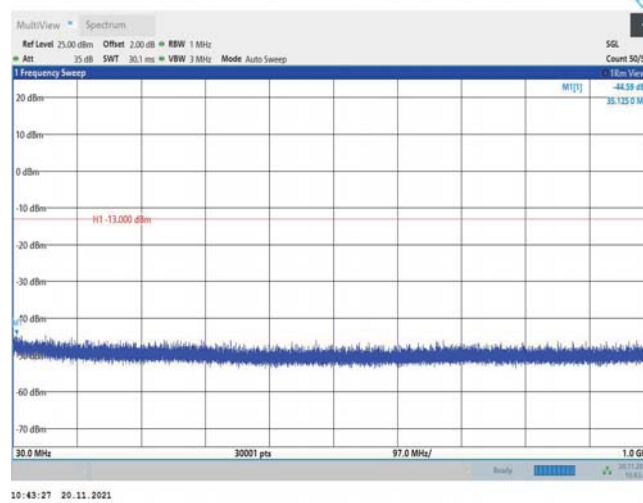


Band2-9400-1-1000~3000MHz

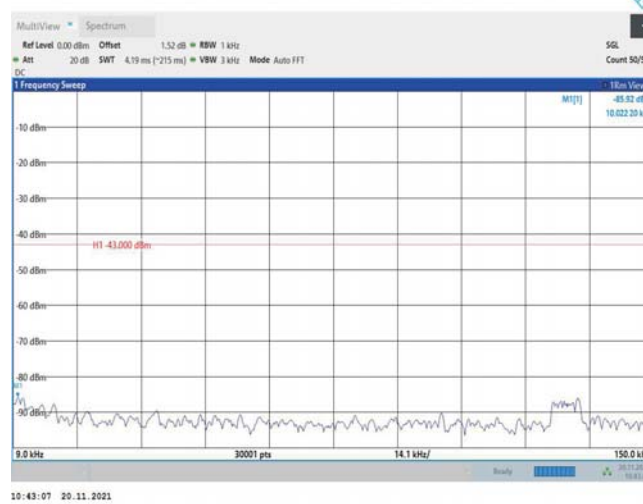




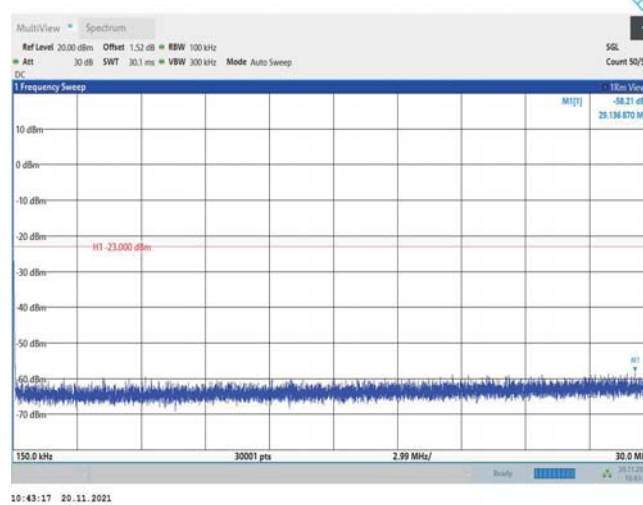
Band2-9400-1-30~1000MHz



Band2-9400-1-0.009~0.15MHz

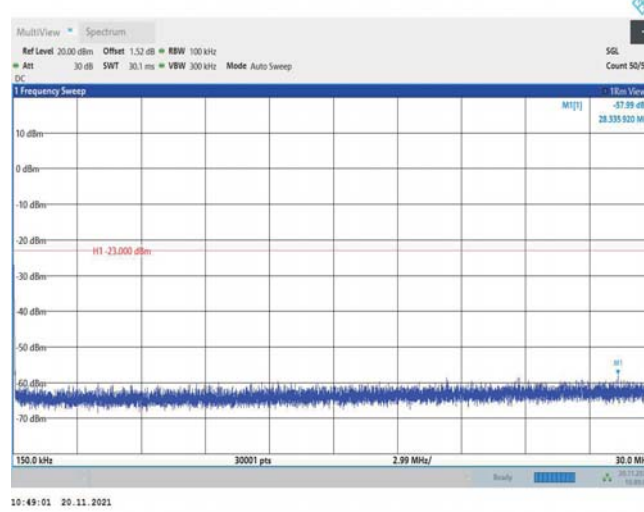


Band2-9400-1-0.15~30MHz

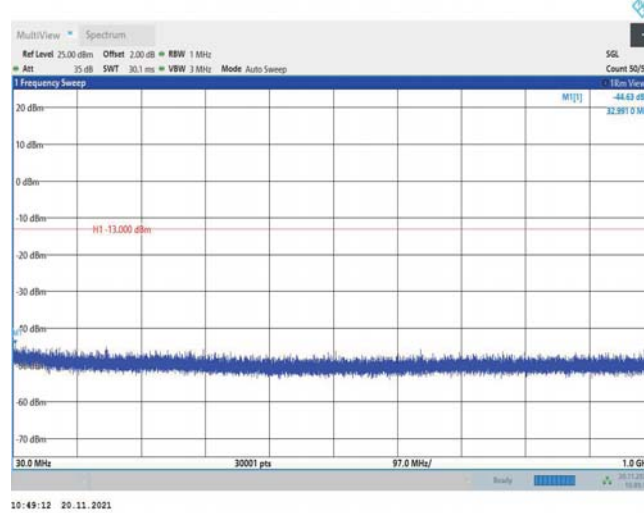




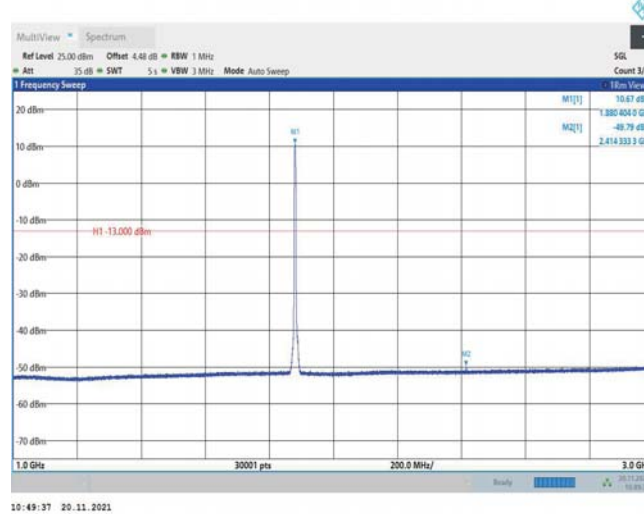
Band2-9400-2-0.15~30MHz



Band2-9400-2-30~1000MHz

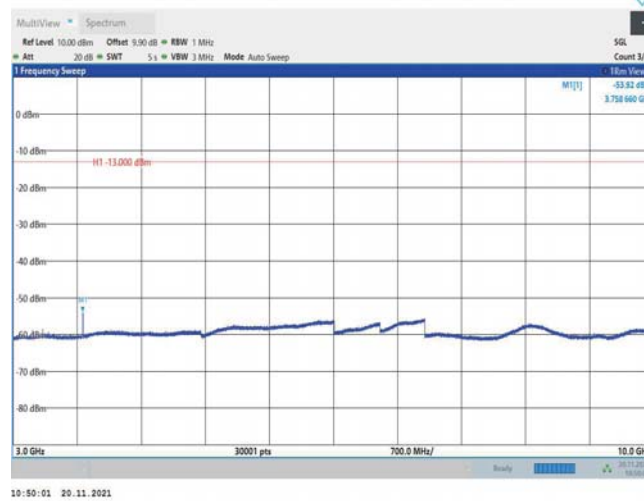


Band2-9400-2-1000~3000MHz

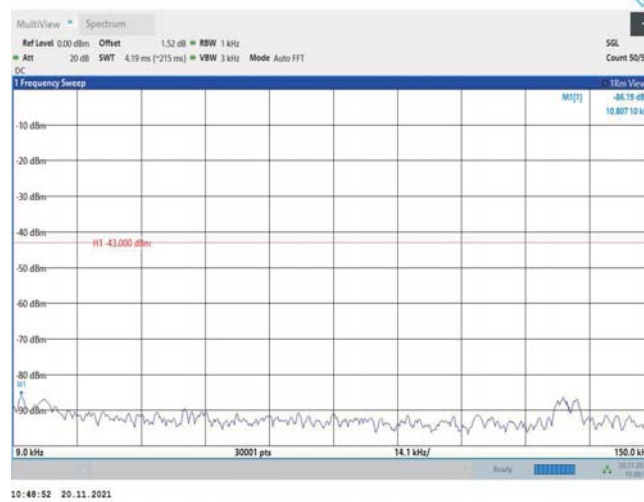




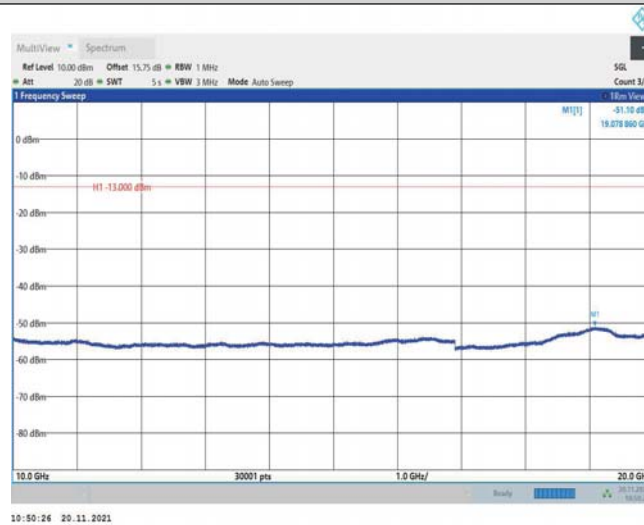
Band2-9400-2-3000~10000MHz



Band2-9400-2-0.009~0.15MHz

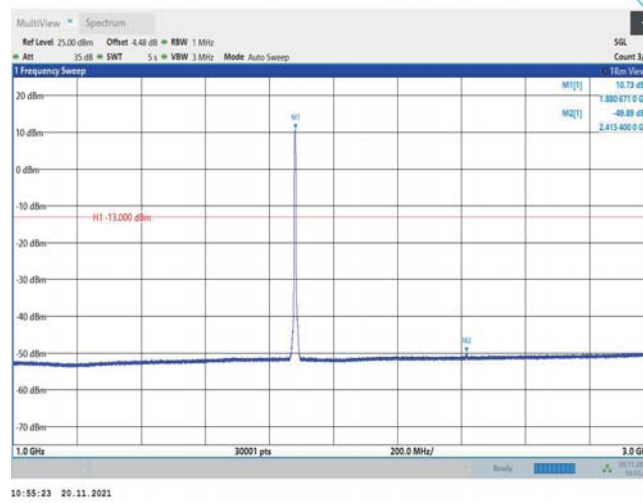


Band2-9400-2-10000~20000MHz

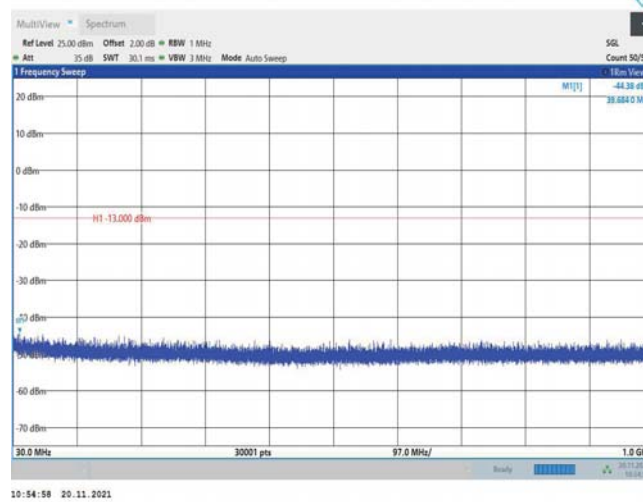




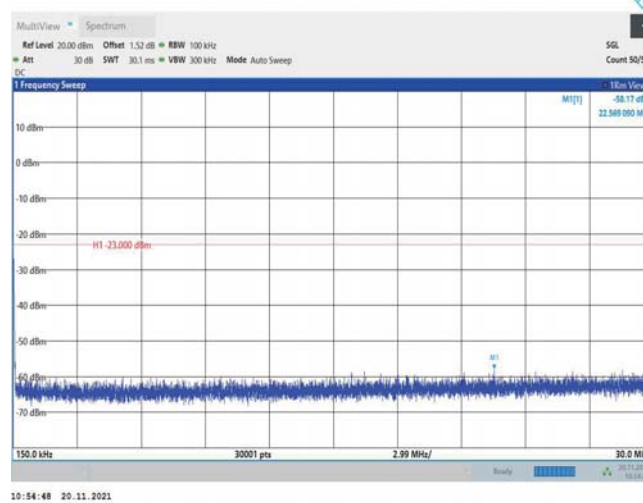
Band2-9400-3-1000~3000MHz



Band2-9400-3-30~1000MHz

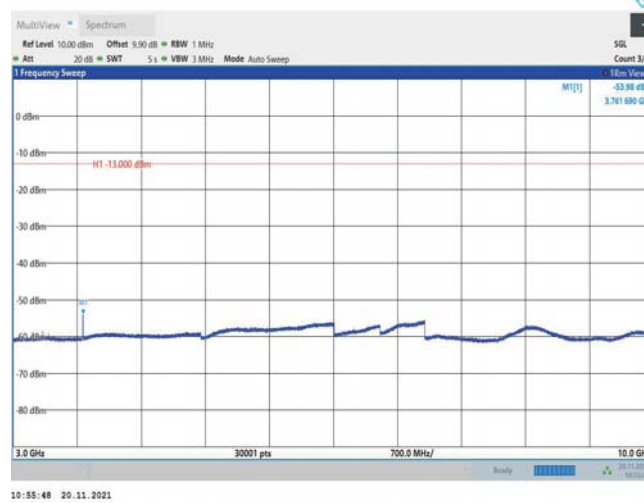


Band2-9400-3-0.15~30MHz

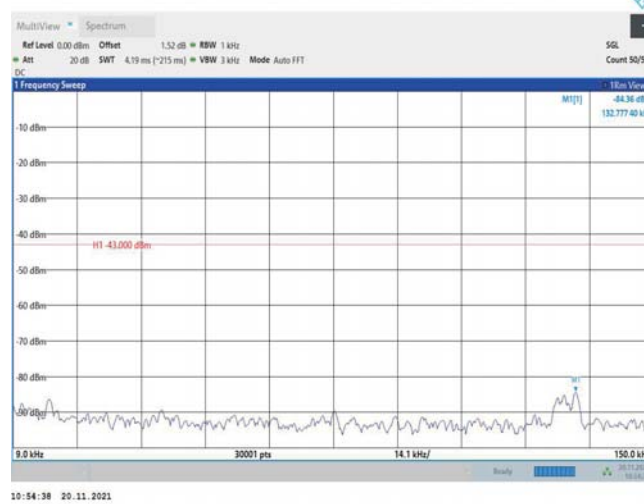




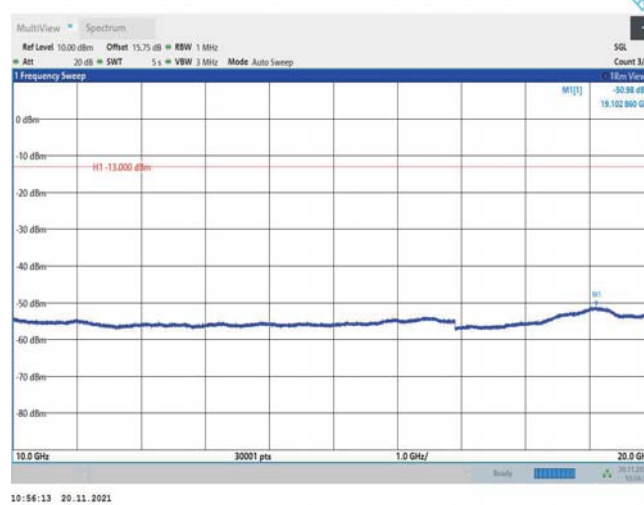
Band2-9400-3-3000~10000MHz



Band2-9400-3-0.009~0.15MHz

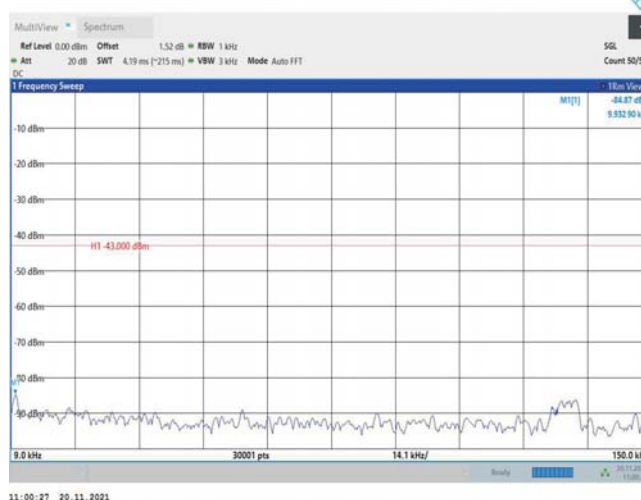


Band2-9400-3-10000~20000MHz

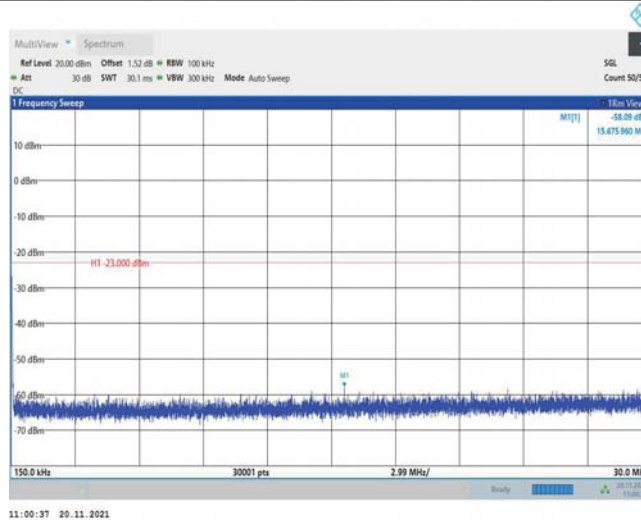




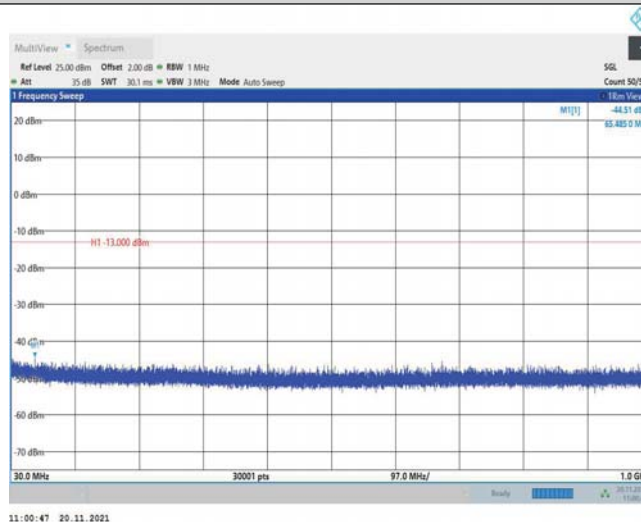
Band2-9400-4-0.009~0.15MHz



Band2-9400-4-0.15~30MHz

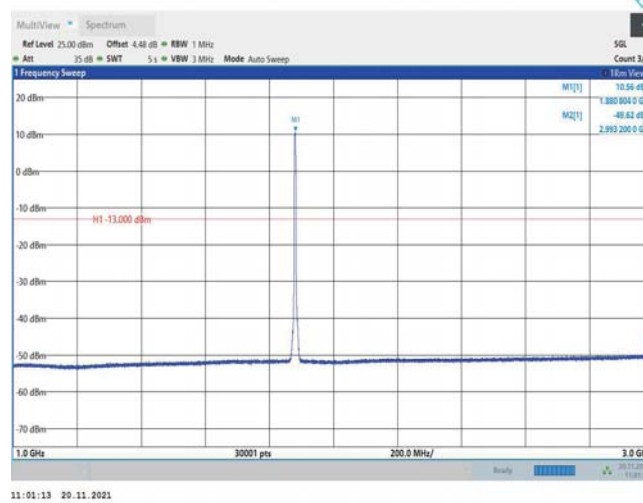


Band2-9400-4-30~1000MHz

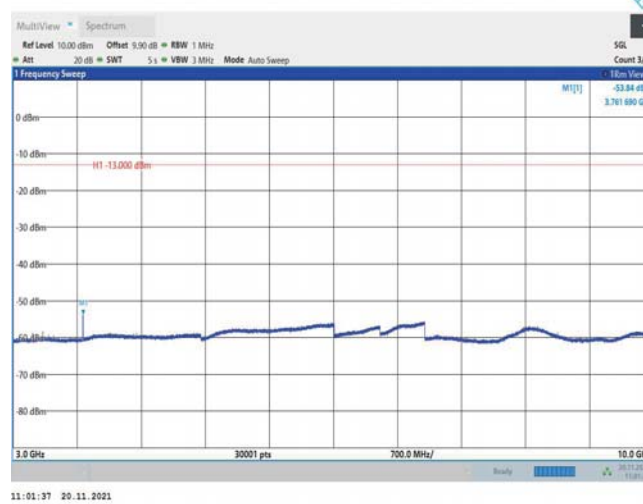




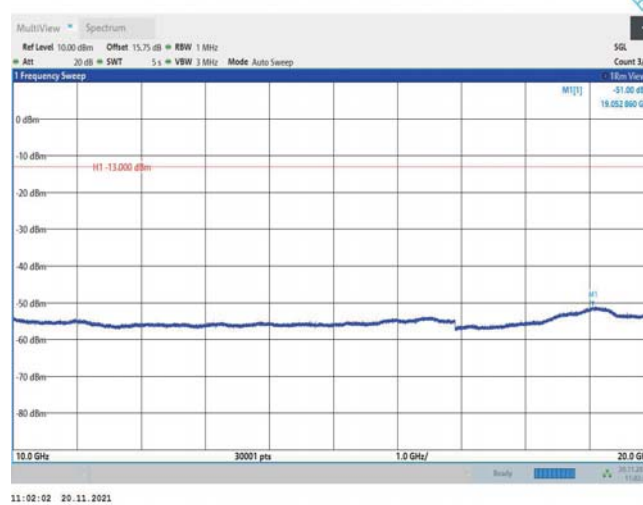
Band2-9400-4-1000~3000MHz



Band2-9400-4-3000~10000MHz

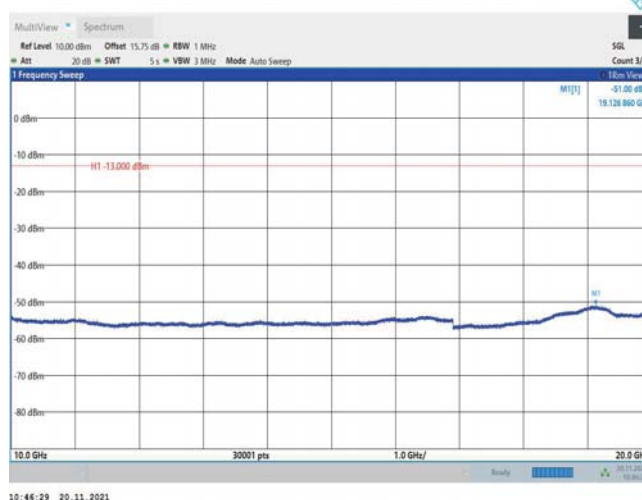


Band2-9400-4-10000~20000MHz

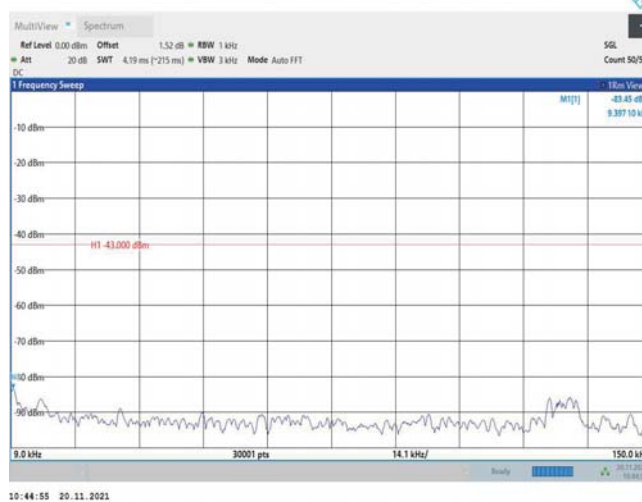




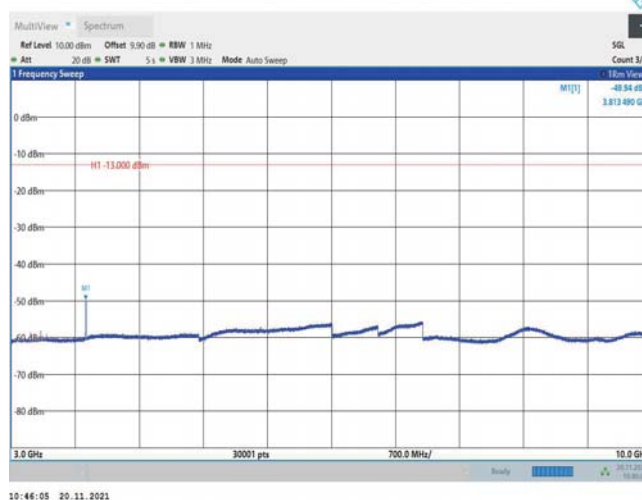
Band2-9538-1-10000~20000MHz



Band2-9538-1-0.009~0.15MHz

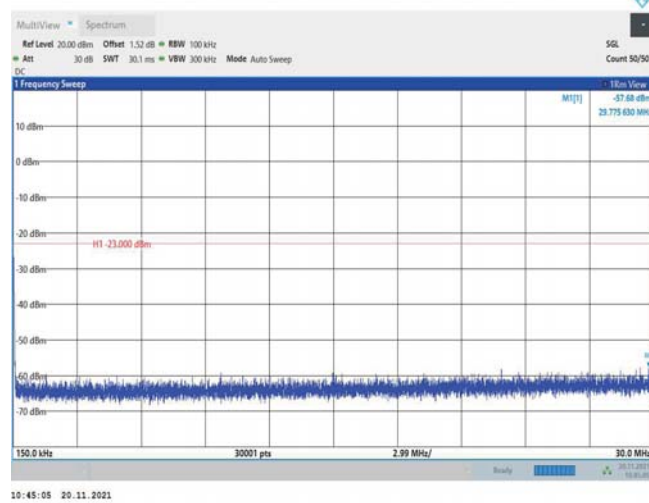


Band2-9538-1-3000~10000MHz

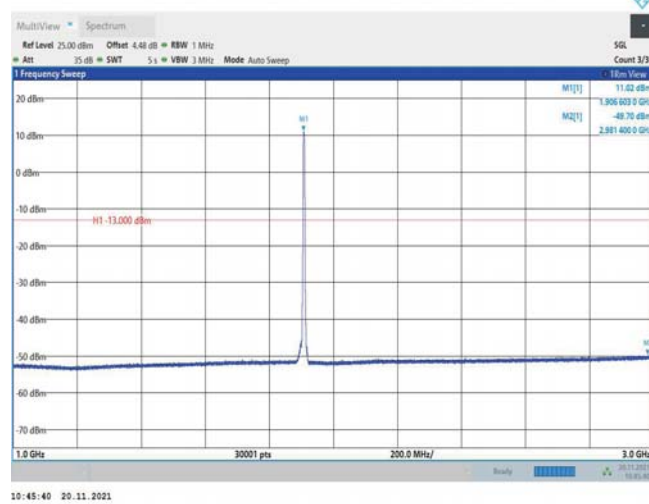




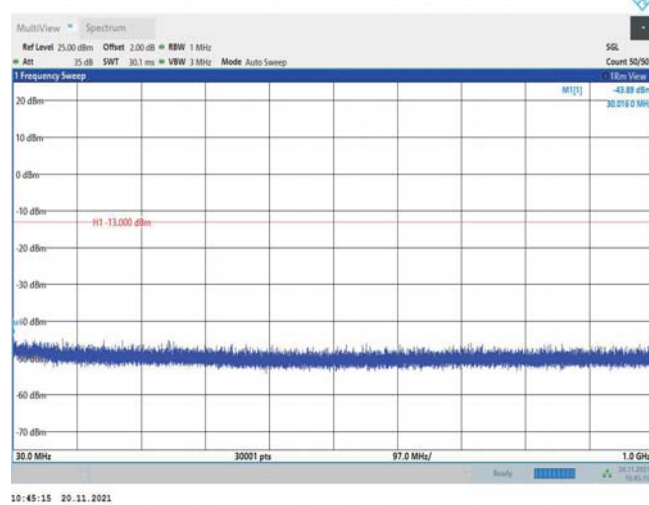
Band2-9538-1-0.15~30MHz



Band2-9538-1-1000~3000MHz

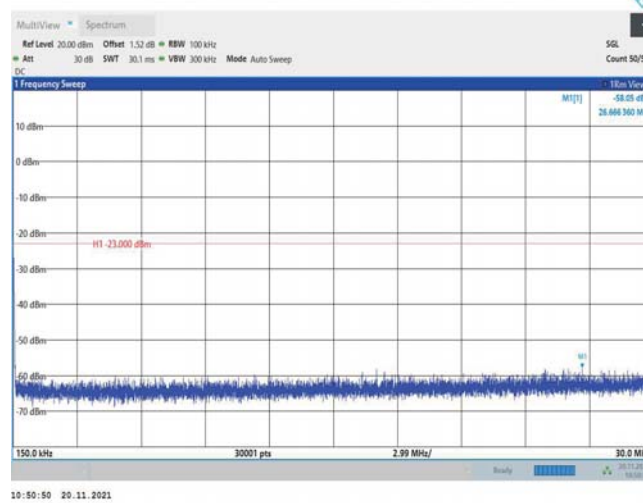


Band2-9538-1-30~1000MHz

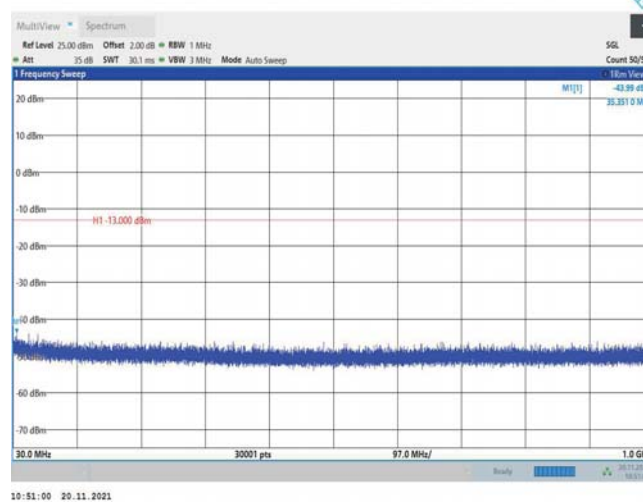




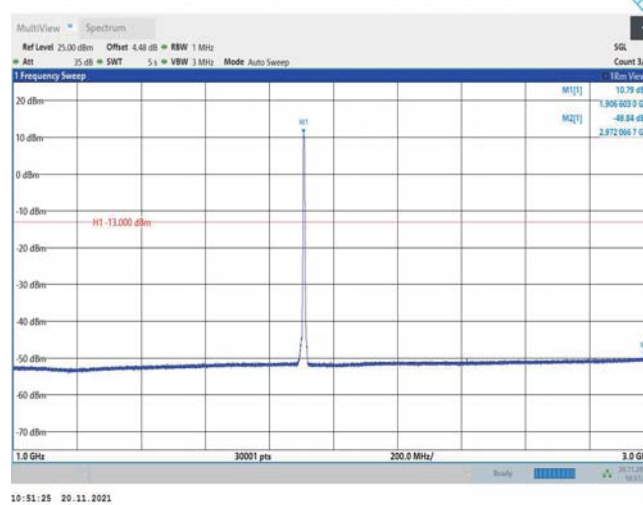
Band2-9538-2-0.15~30MHz



Band2-9538-2-30~1000MHz

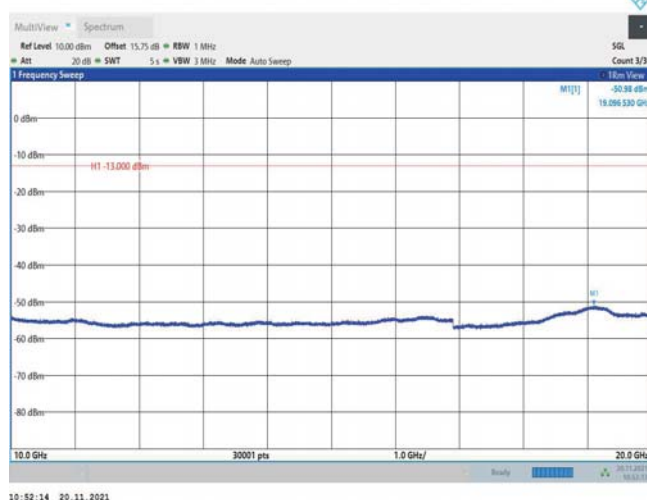


Band2-9538-2-1000~3000MHz

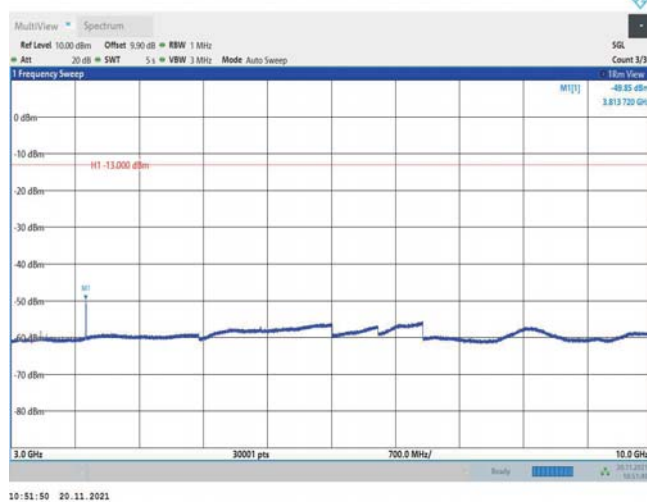




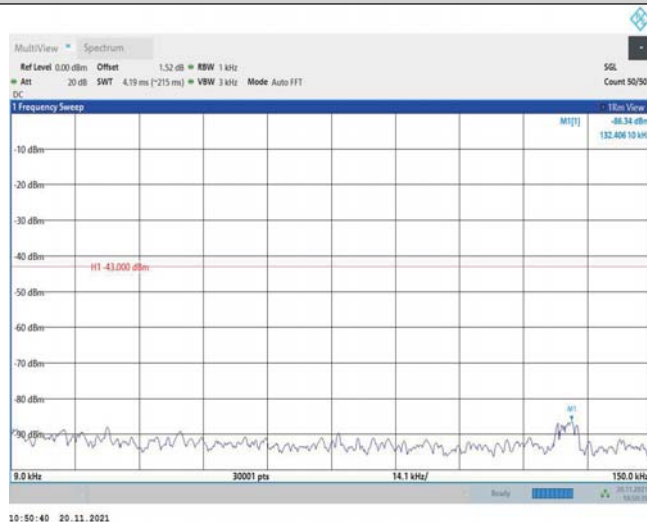
Band2-9538-2-10000~20000MHz



Band2-9538-2-3000~10000MHz

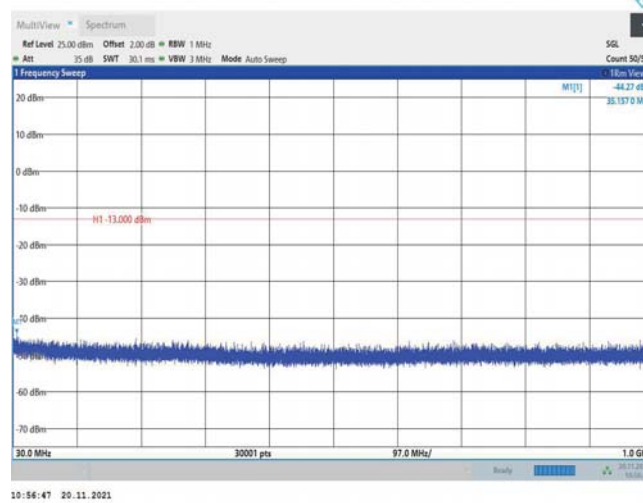


Band2-9538-2-0.009~0.15MHz

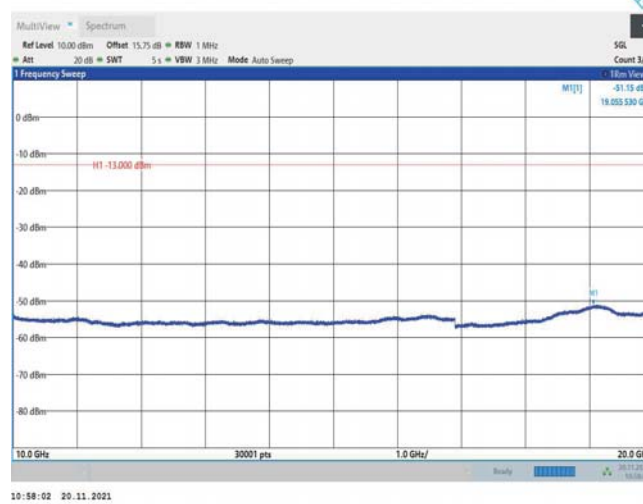




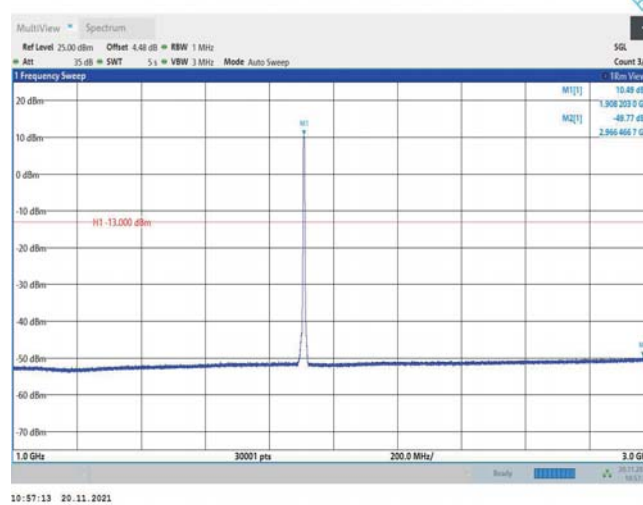
Band2-9538-3-30~1000MHz



Band2-9538-3-10000~20000MHz

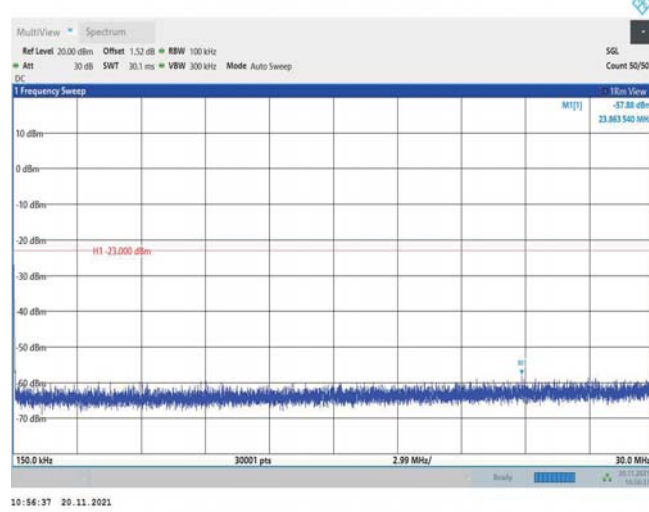


Band2-9538-3-1000~3000MHz

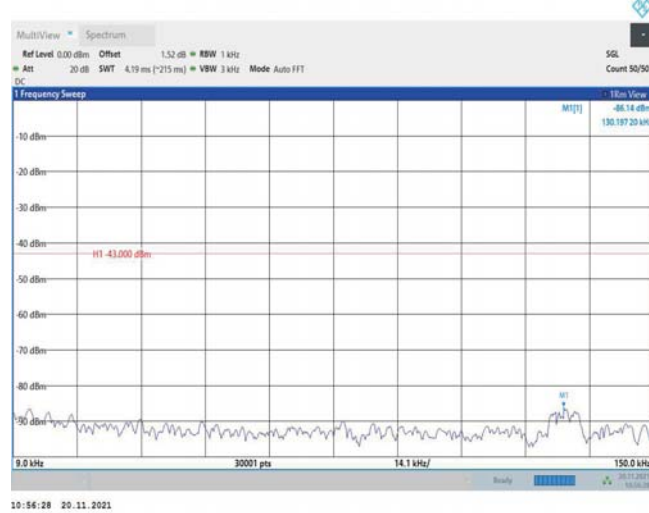




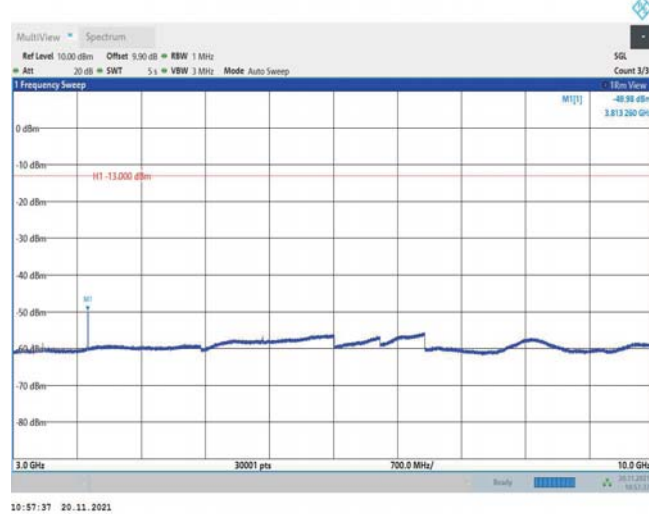
Band2-9538-3-0.15~30MHz



Band2-9538-3-0.009~0.15MHz

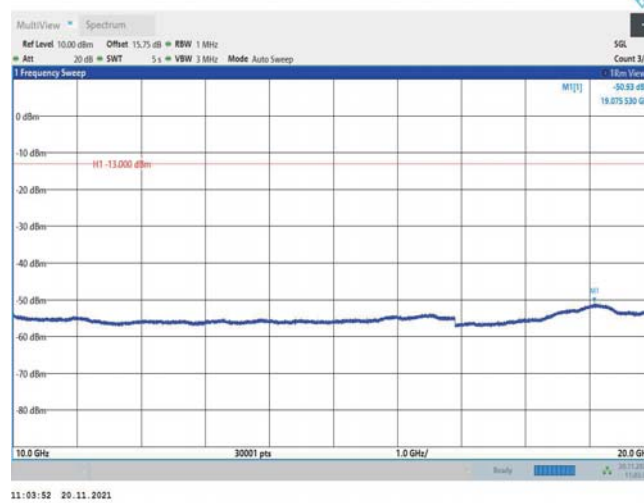


Band2-9538-3-3000~10000MHz

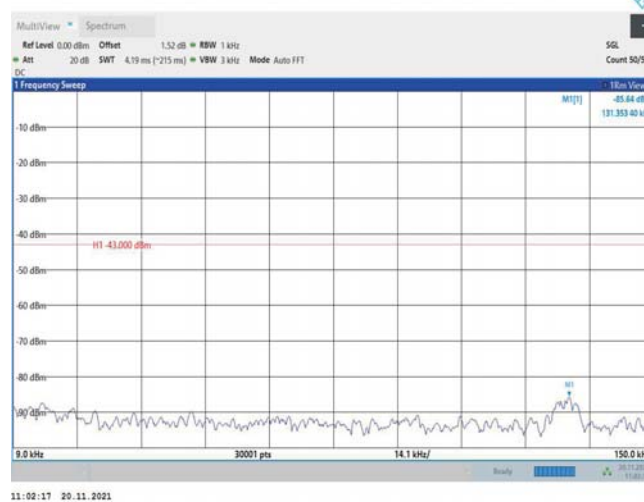




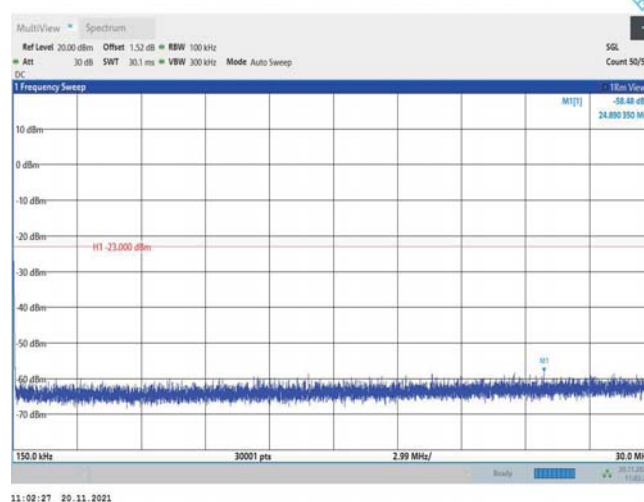
Band2-9538-4-10000~20000MHz



Band2-9538-4-0.009~0.15MHz

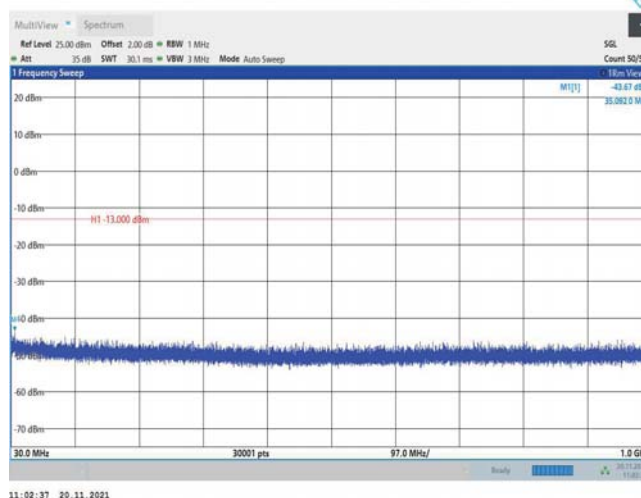


Band2-9538-4-0.15~30MHz

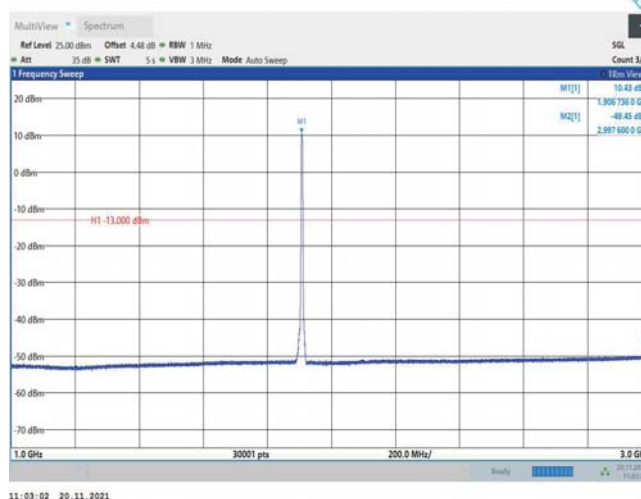




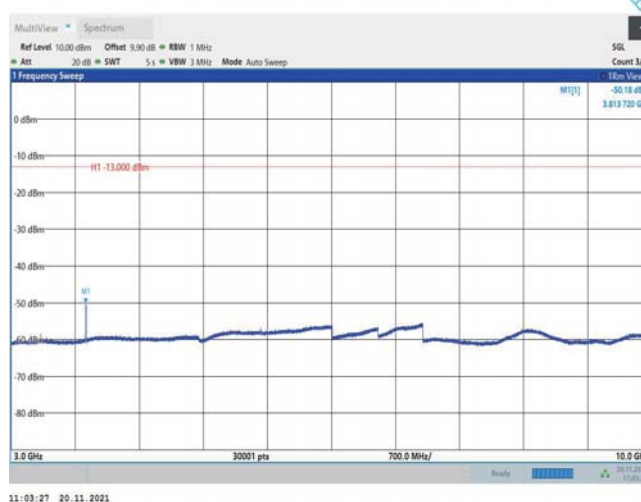
Band2-9538-4-30~1000MHz



Band2-9538-4-1000~3000MHz



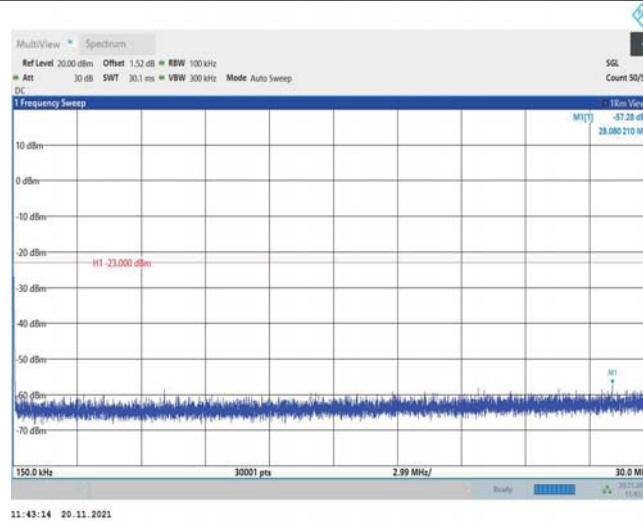
Band2-9538-4-3000~10000MHz



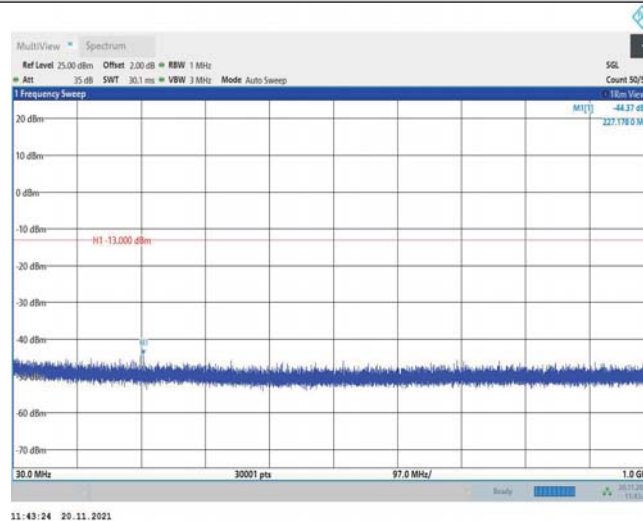


5.5.6 Test Graphs(HSUPA)

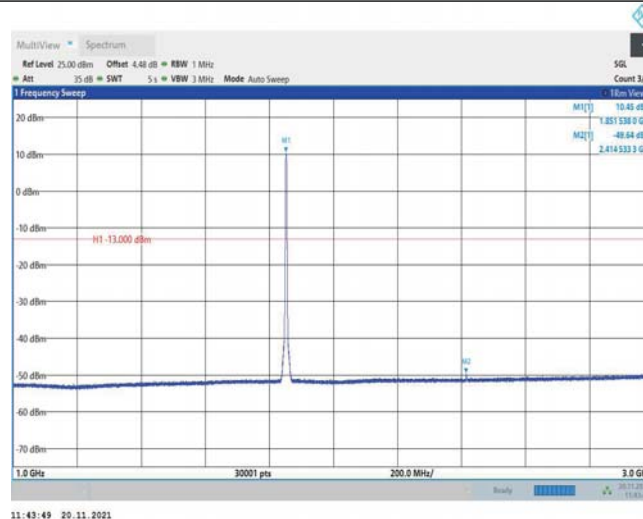
Band2-9262-1-0.15~30MHz



Band2-9262-1-30~1000MHz

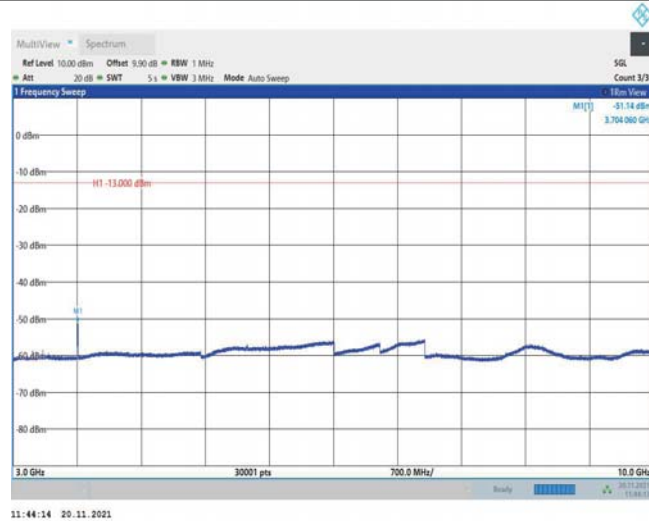


Band2-9262-1-1000~3000MHz

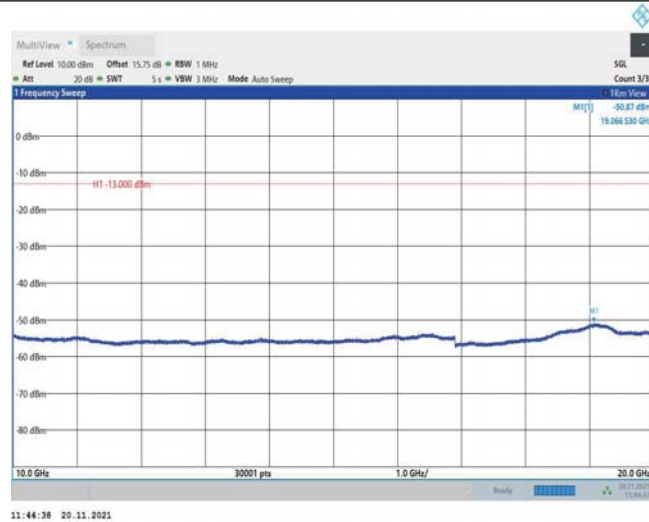




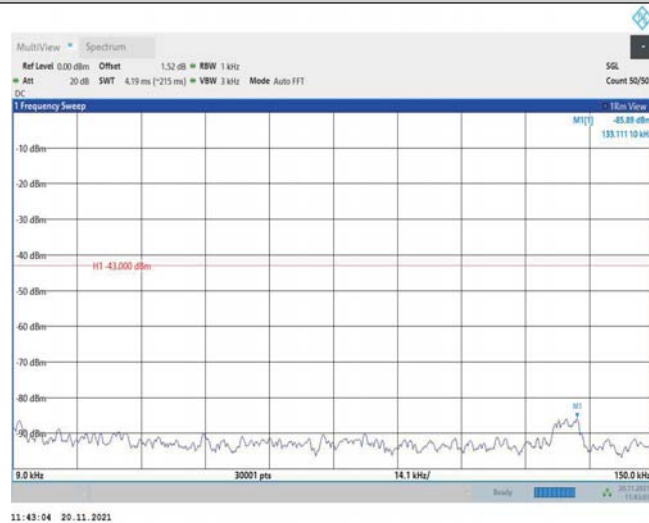
Band2-9262-1-3000~10000MHz



Band2-9262-1-10000~20000MHz

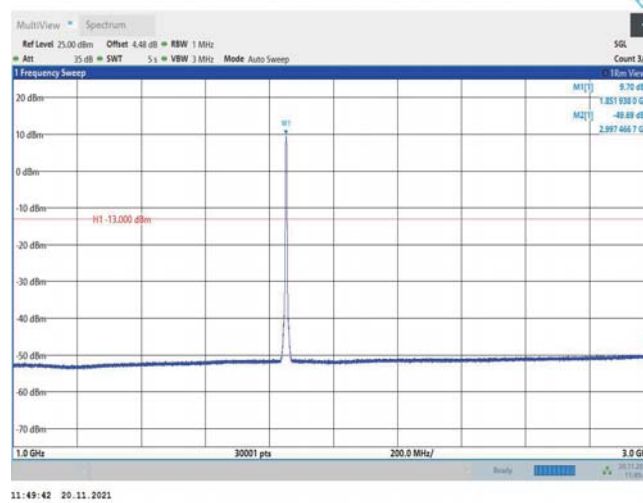


Band2-9262-1-0.009~0.15MHz

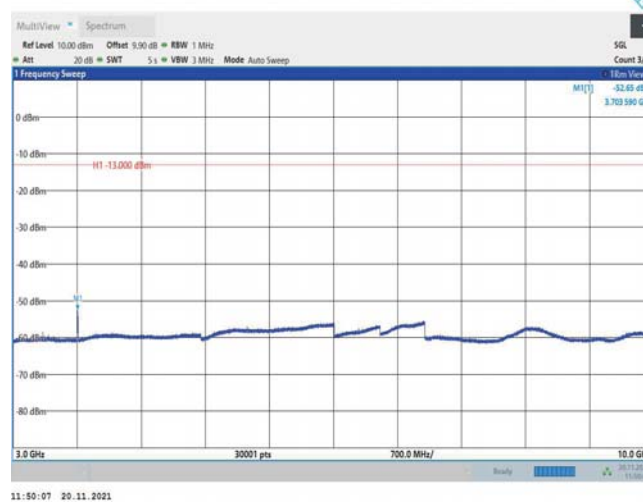




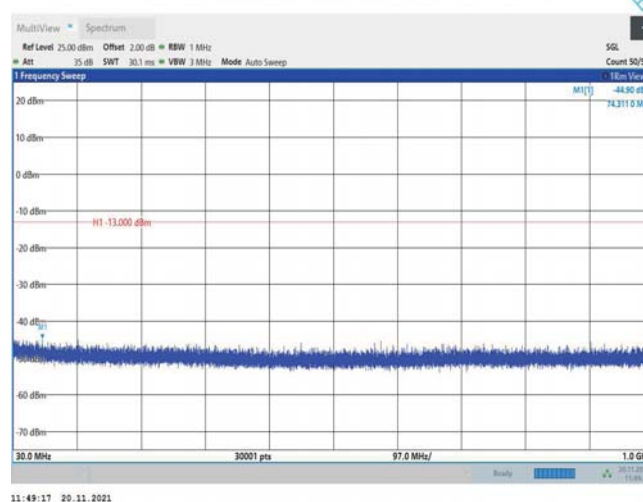
Band2-9262-2-1000~3000MHz



Band2-9262-2-3000~10000MHz

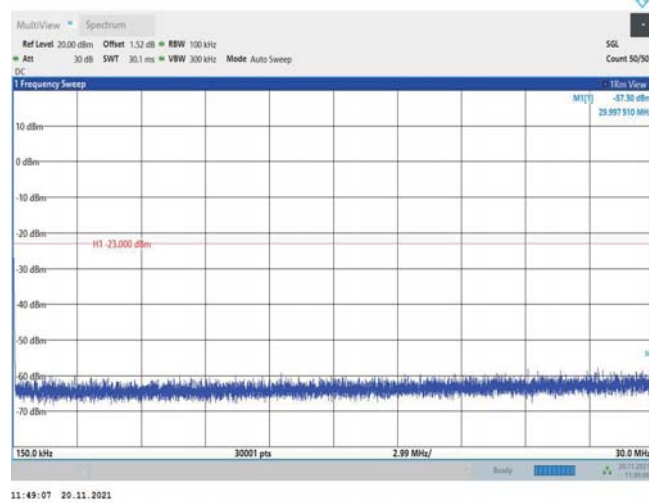


Band2-9262-2-30~1000MHz

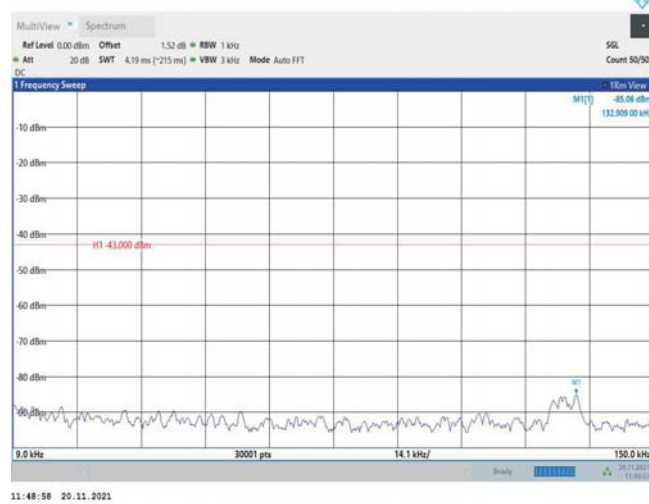




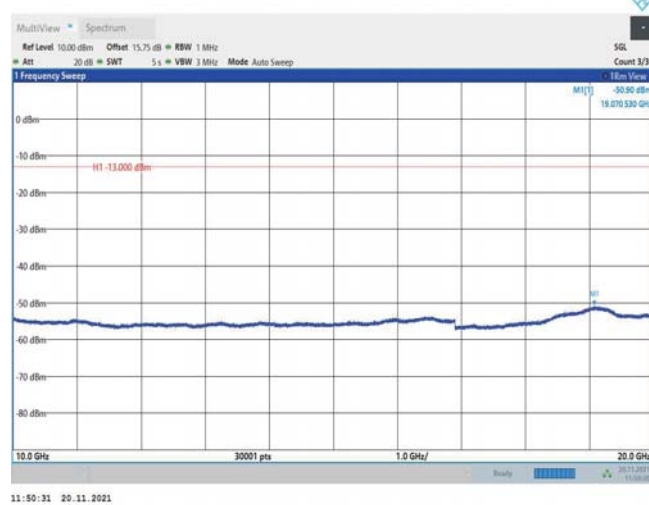
Band2-9262-2-0.15~30MHz



Band2-9262-2-0.009~0.15MHz

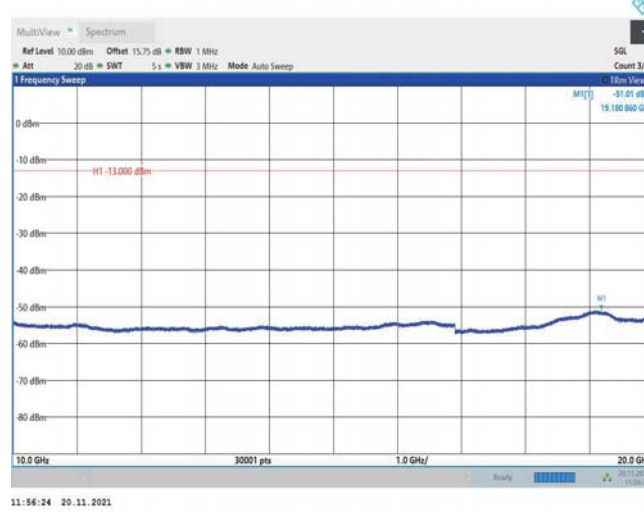


Band2-9262-2-10000~20000MHz

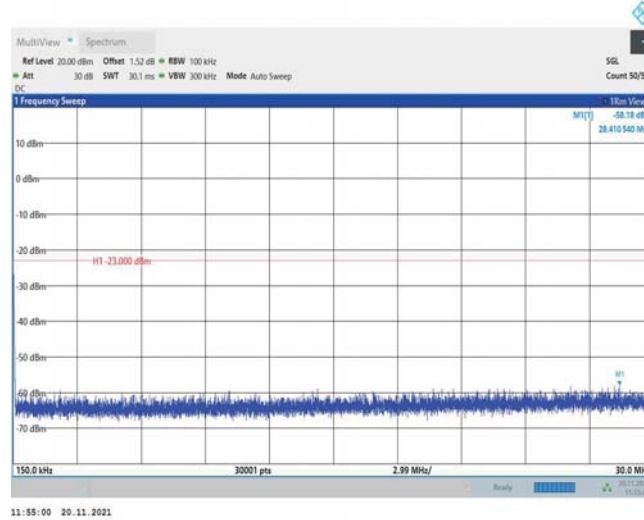




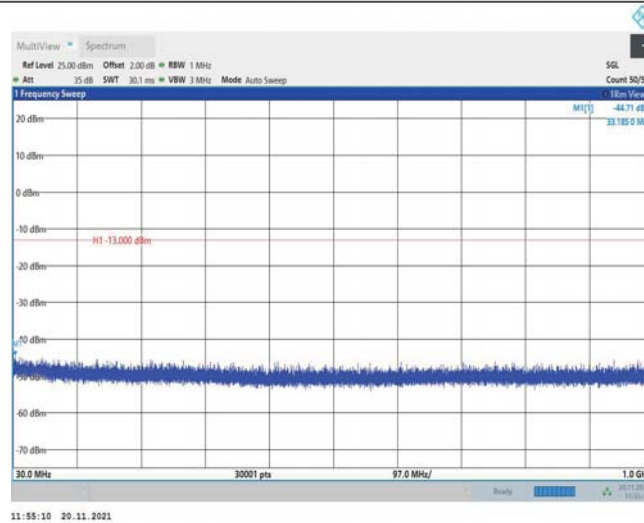
Band2-9262-3-10000~20000MHz



Band2-9262-3-0.15~30MHz

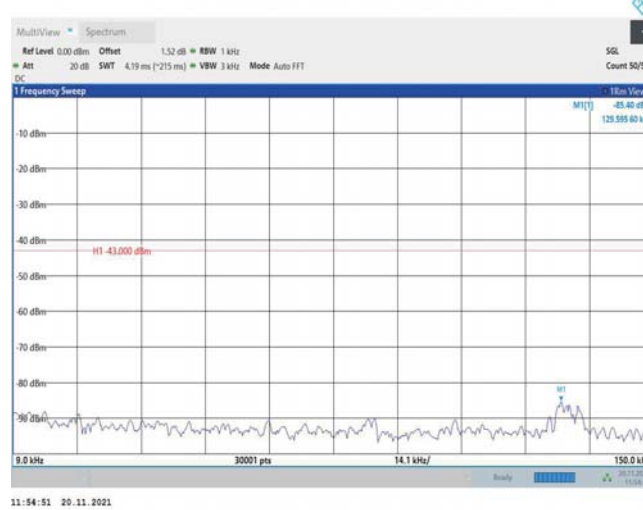


Band2-9262-3-30~1000MHz

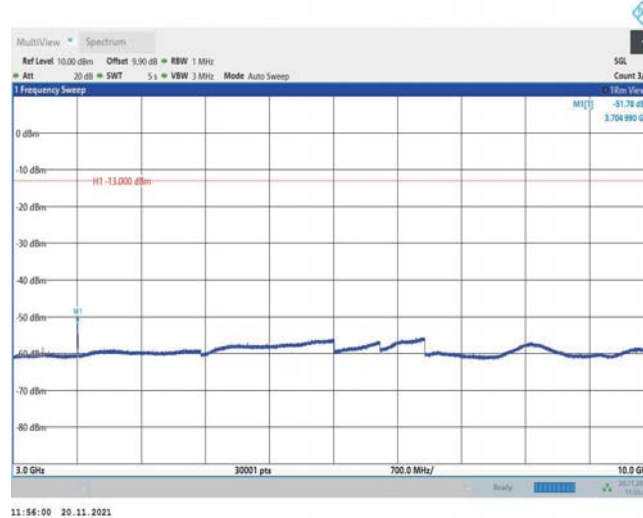




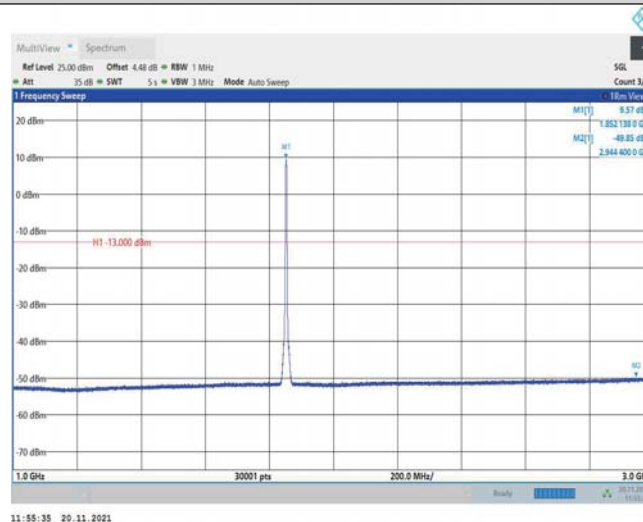
Band2-9262-3-0.009~0.15MHz



Band2-9262-3-3000~10000MHz

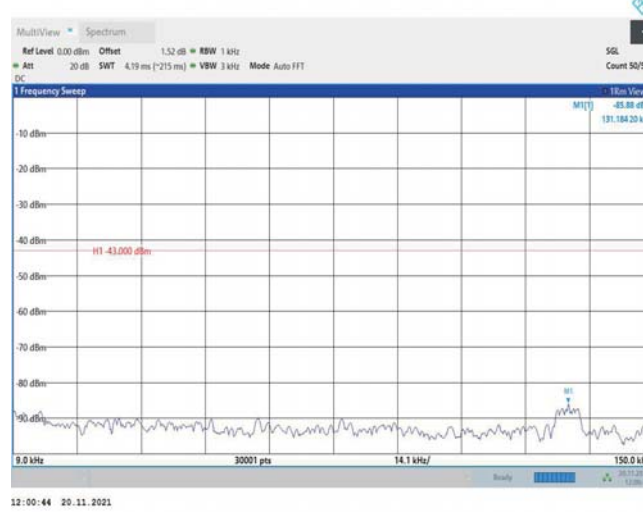


Band2-9262-3-1000~3000MHz

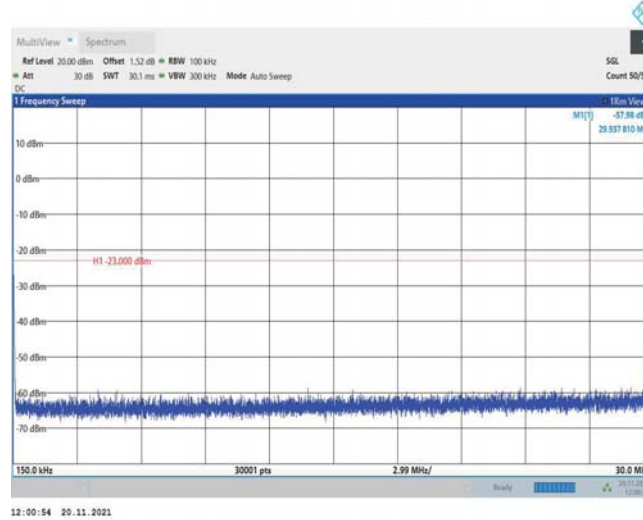




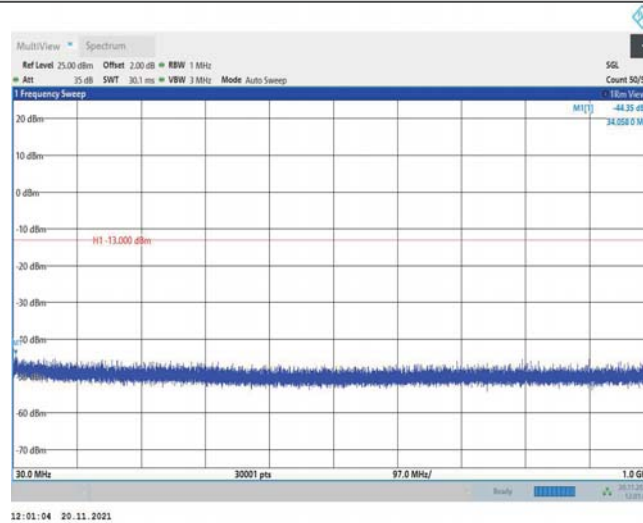
Band2-9262-4-0.009~0.15MHz



Band2-9262-4-0.15~30MHz

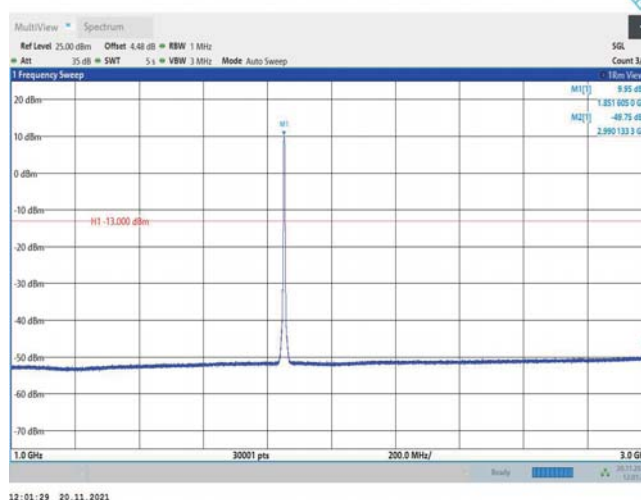


Band2-9262-4-30~1000MHz

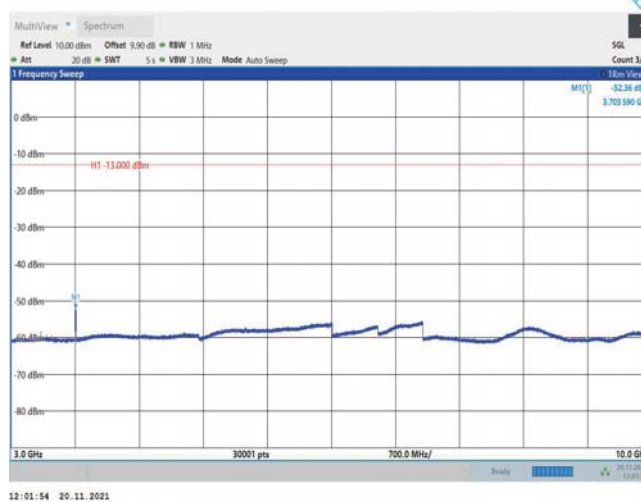




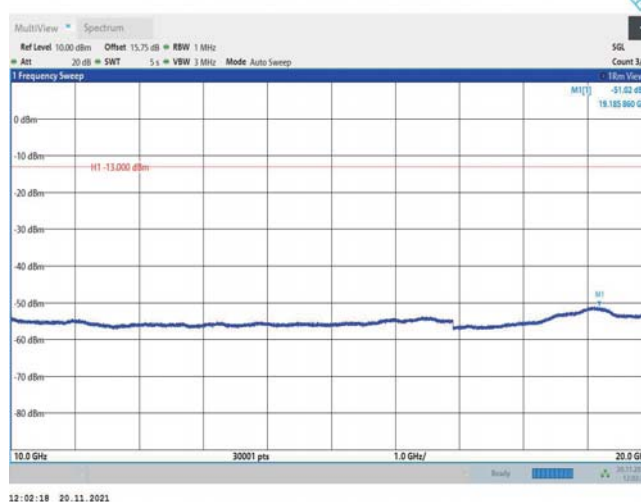
Band2-9262-4-1000~3000MHz



Band2-9262-4-3000~10000MHz

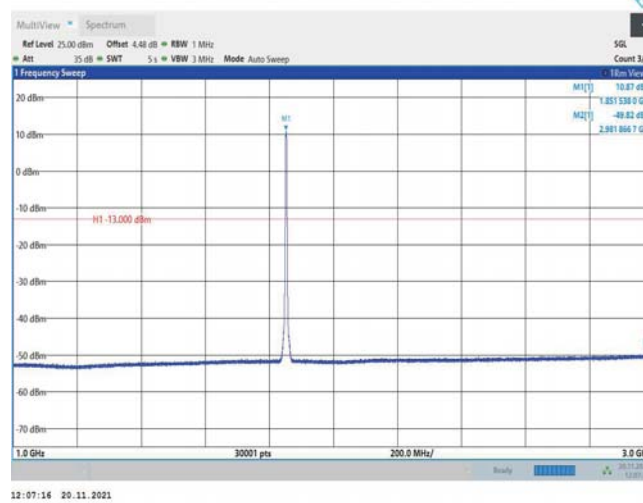


Band2-9262-4-10000~20000MHz

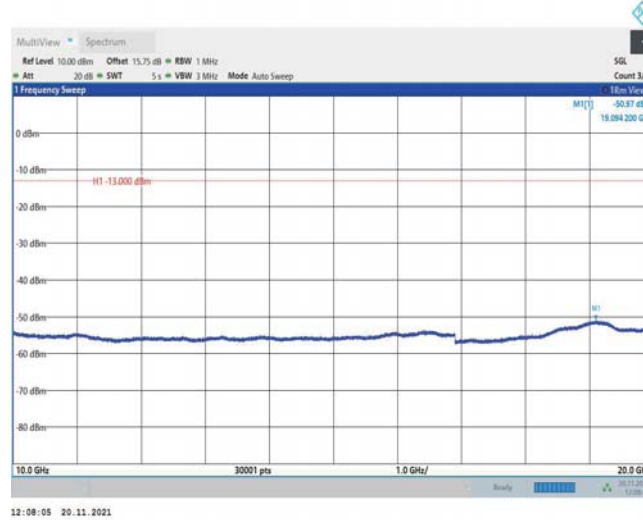




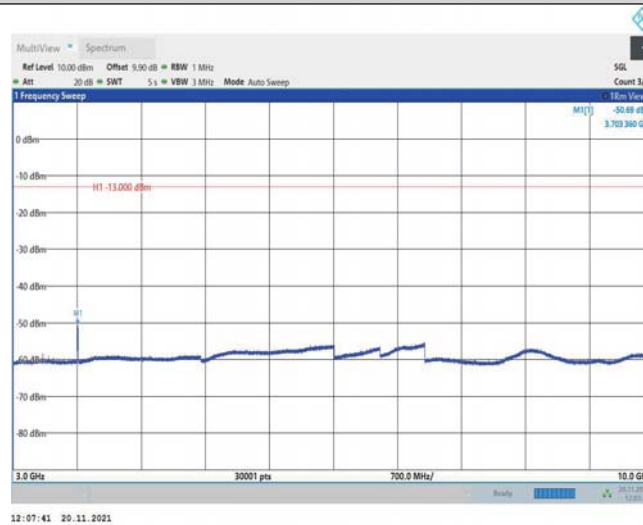
Band2-9262-5-1000~3000MHz



Band2-9262-5-10000~20000MHz

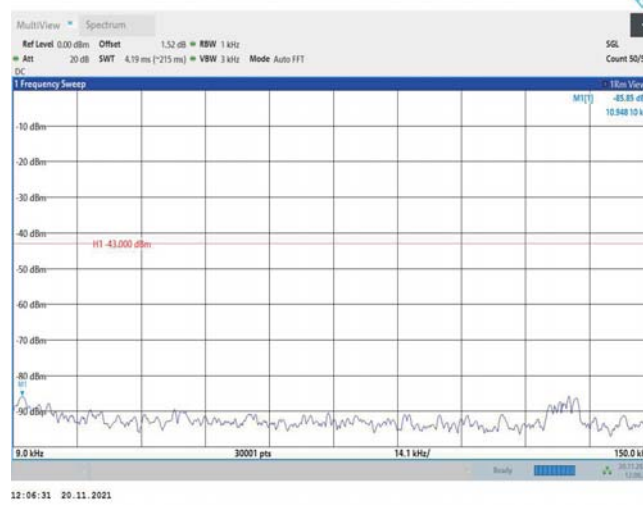


Band2-9262-5-3000~10000MHz

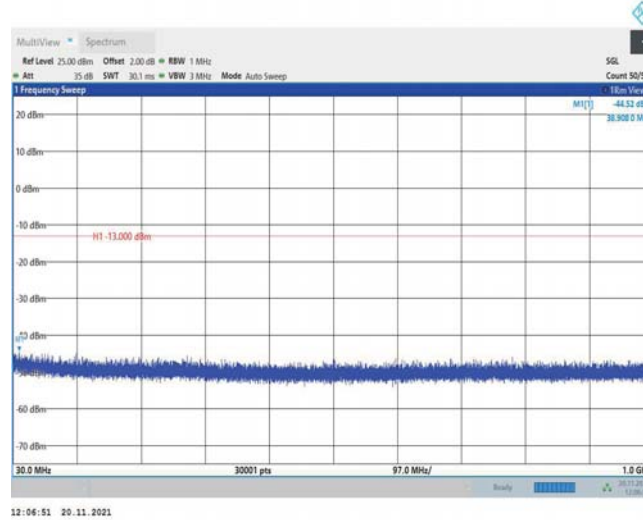




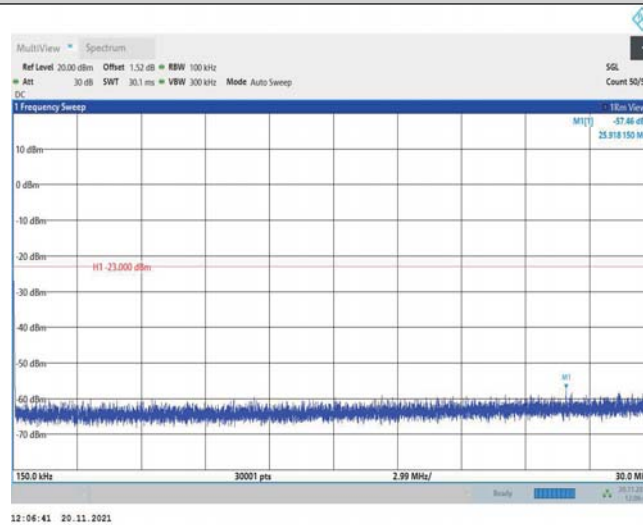
Band2-9262-5-0.009~0.15MHz



Band2-9262-5-30~1000MHz

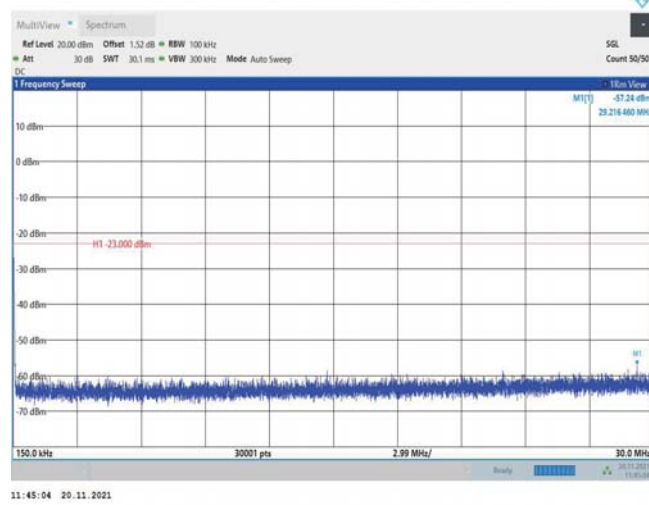


Band2-9262-5-0.15~30MHz

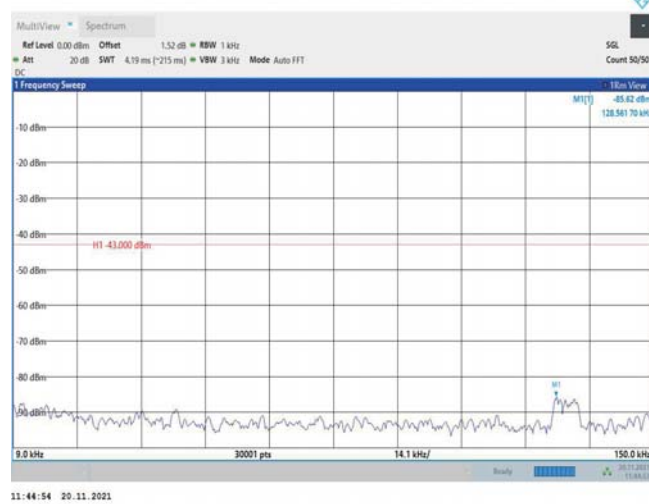




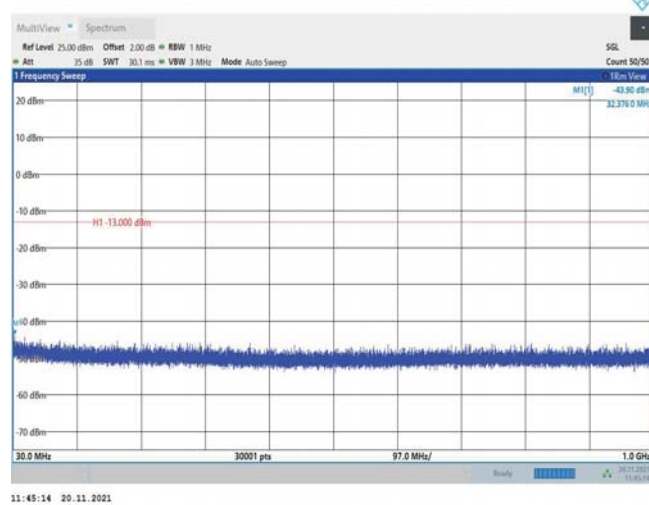
Band2-9400-1-0.15~30MHz



Band2-9400-1-0.009~0.15MHz

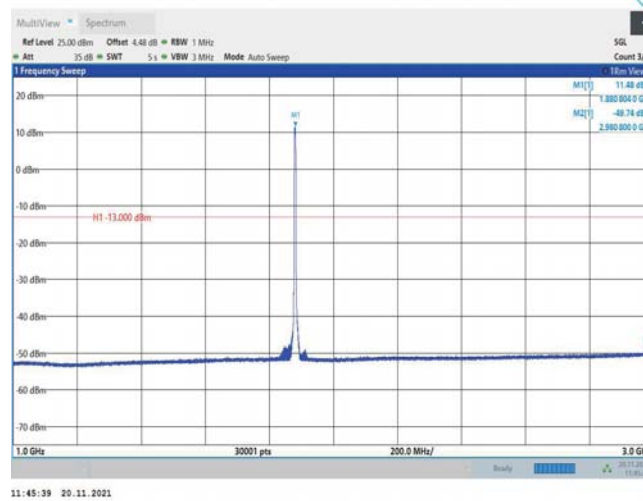


Band2-9400-1-30~1000MHz

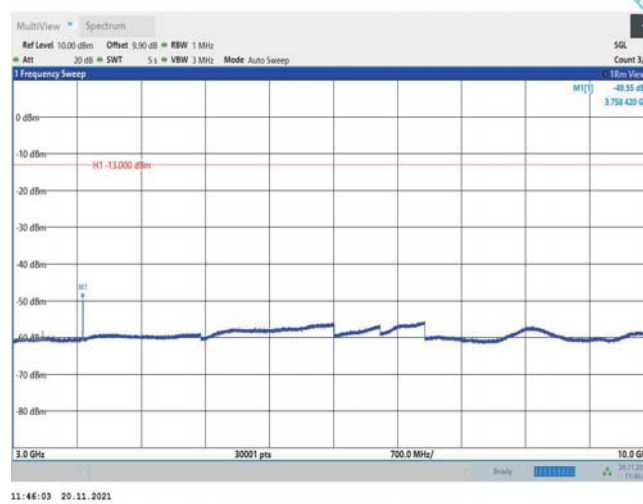




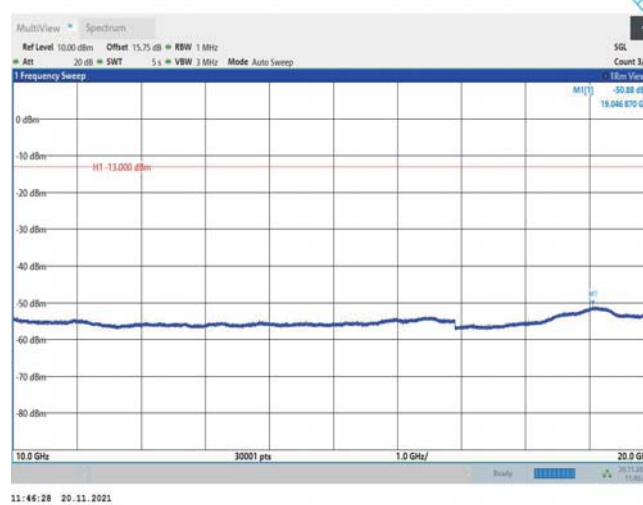
Band2-9400-1-1000~3000MHz



Band2-9400-1-3000~10000MHz

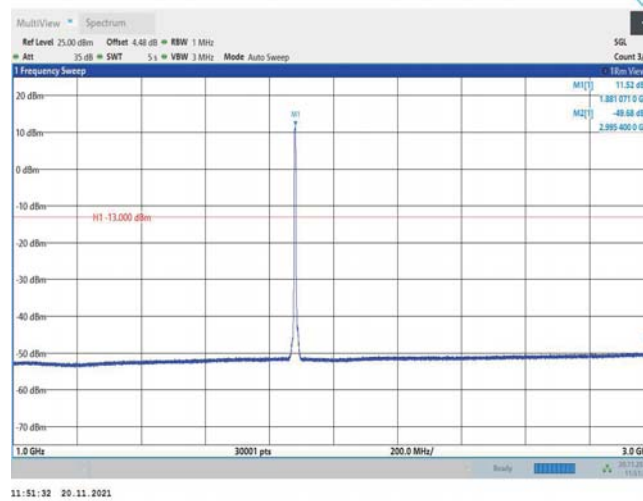


Band2-9400-1-10000~20000MHz

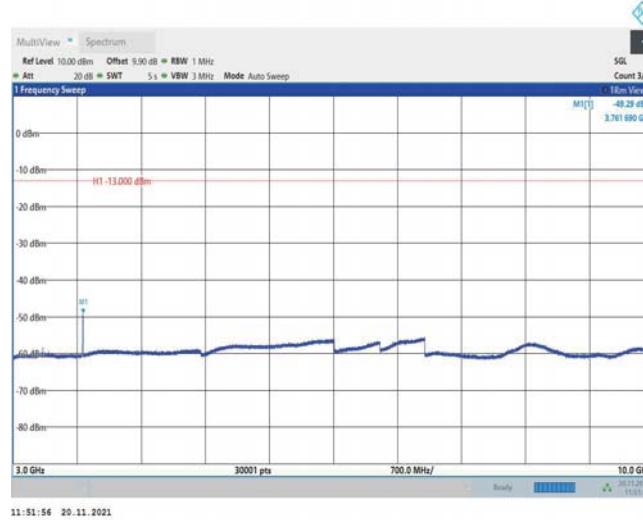




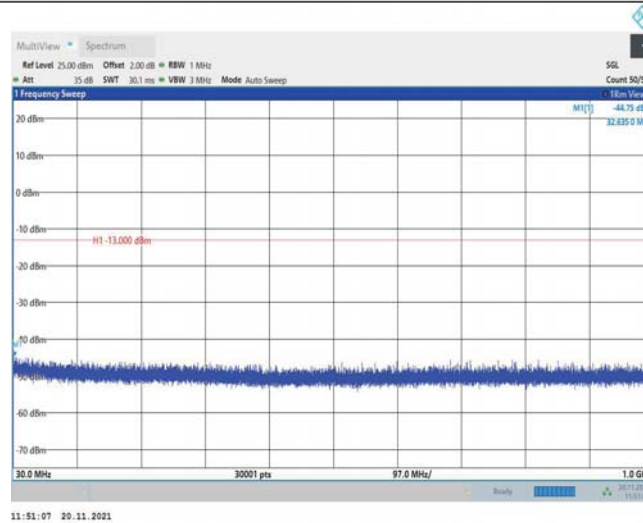
Band2-9400-2-1000~3000MHz



Band2-9400-2-3000~10000MHz

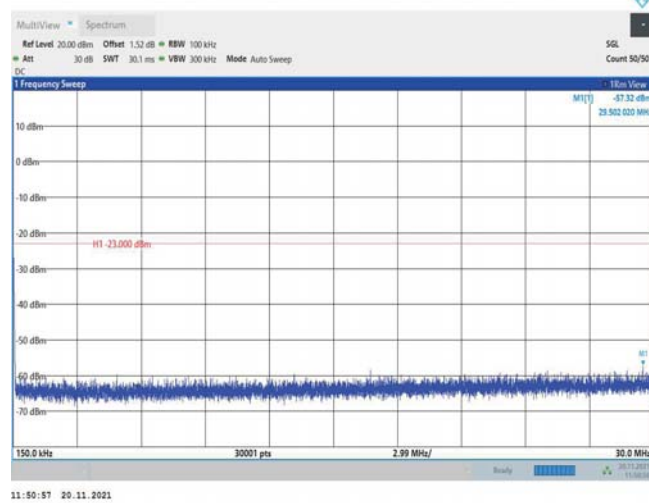


Band2-9400-2-30~1000MHz

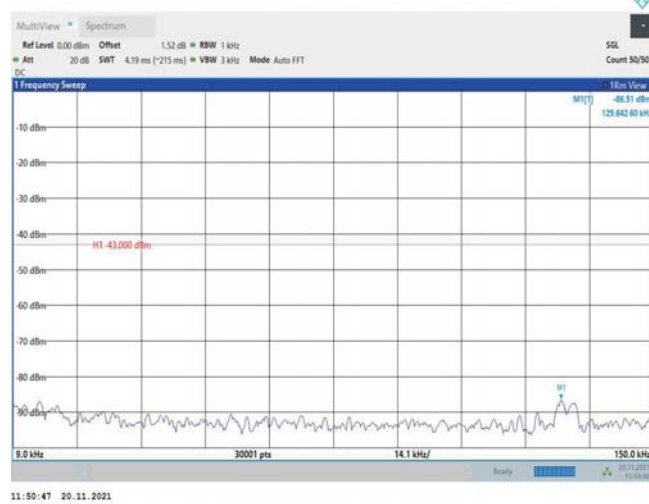




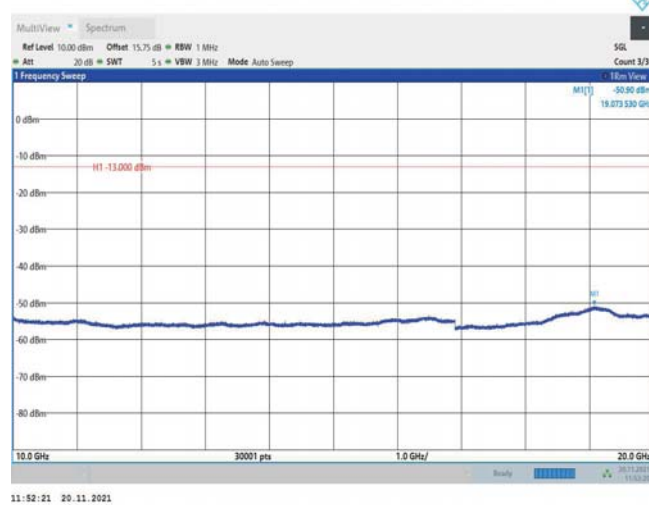
Band2-9400-2-0.15~30MHz



Band2-9400-2-0.009~0.15MHz

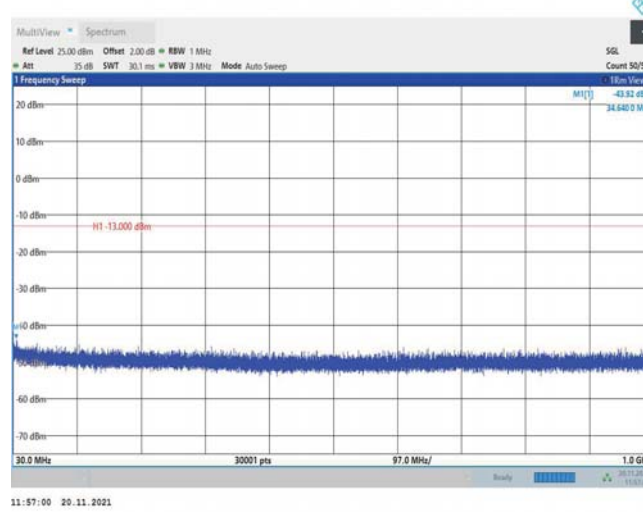


Band2-9400-2-10000~20000MHz





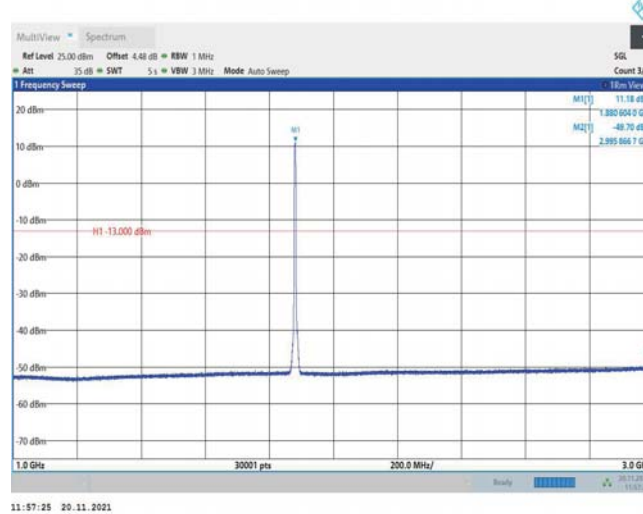
Band2-9400-3-30~1000MHz



Band2-9400-3-0.009~0.15MHz

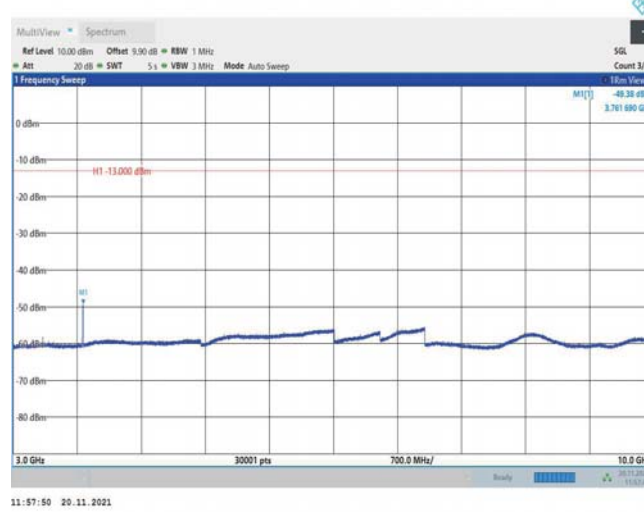


Band2-9400-3-1000~3000MHz

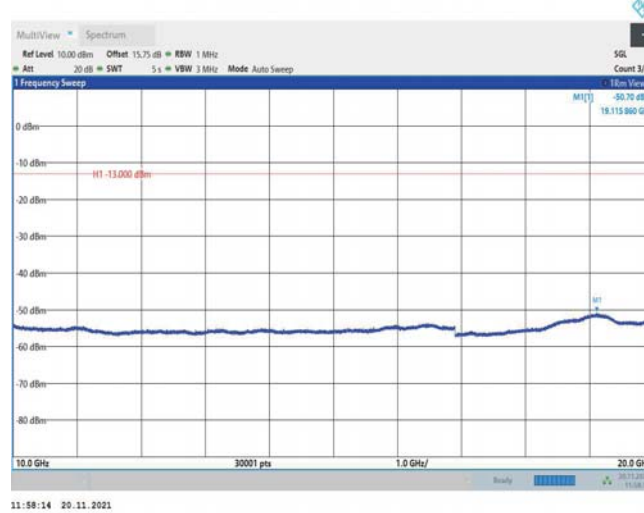




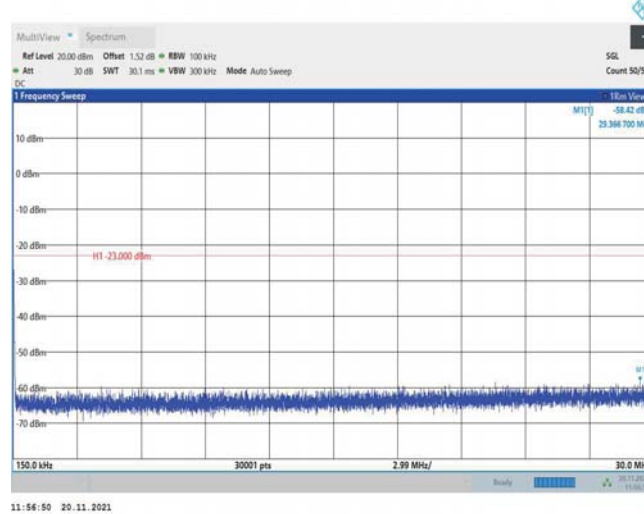
Band2-9400-3-3000~10000MHz



Band2-9400-3-10000~20000MHz

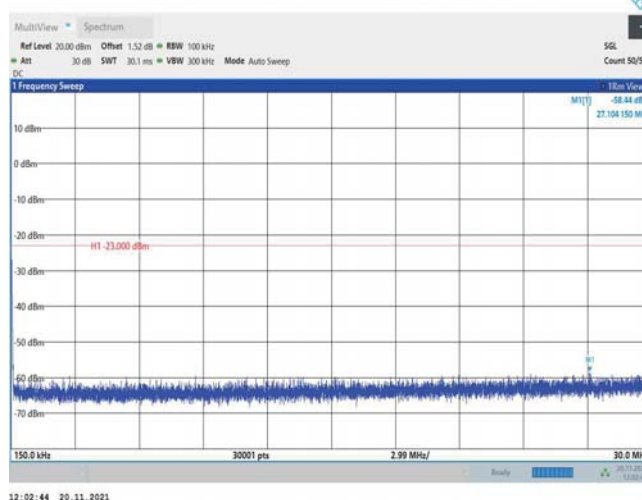


Band2-9400-3-0.15~30MHz

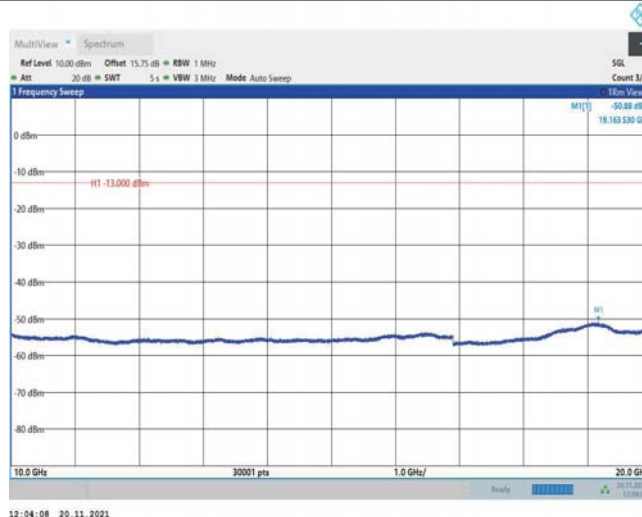




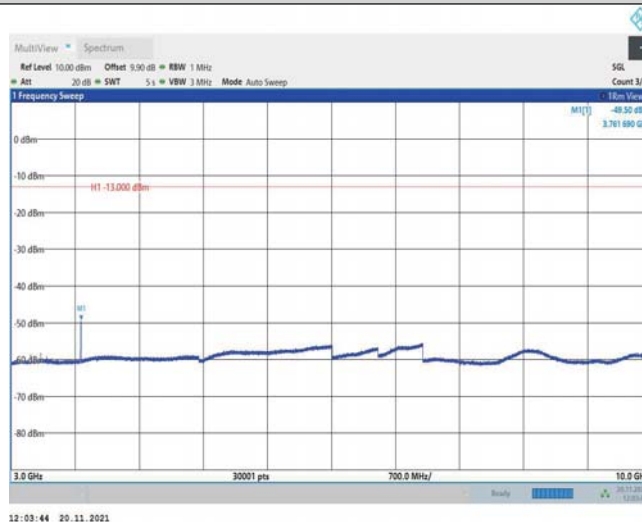
Band2-9400-4-0.15~30MHz



Band2-9400-4-10000~20000MHz

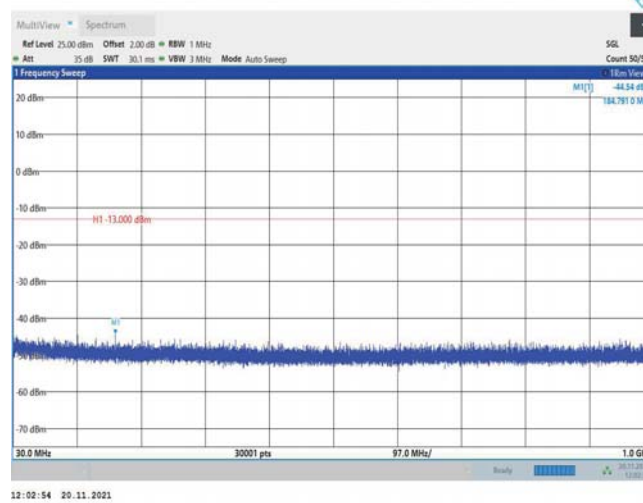


Band2-9400-4-3000~10000MHz

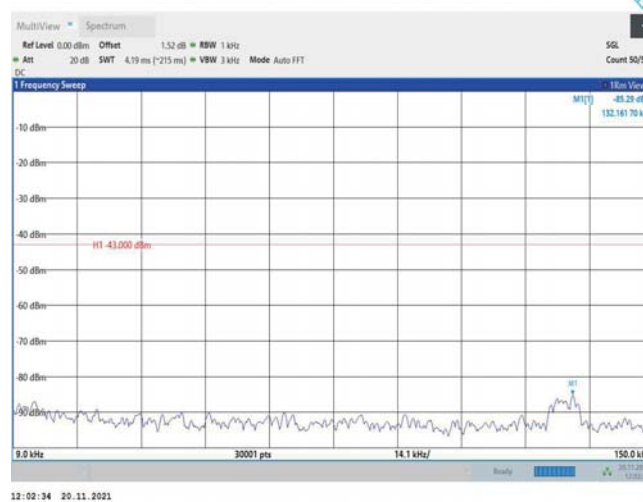




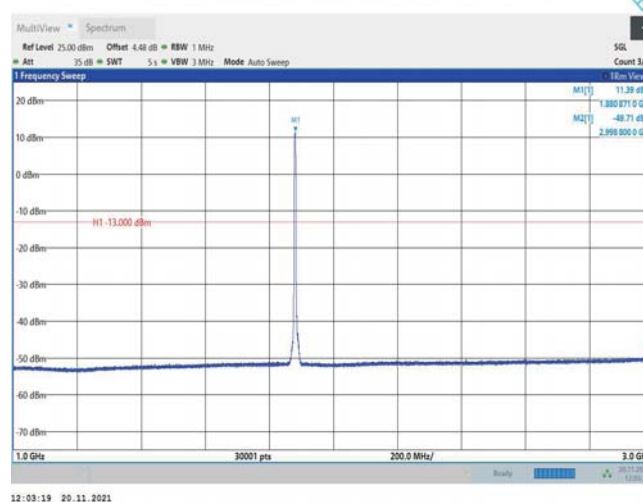
Band2-9400-4-30~1000MHz



Band2-9400-4-0.009~0.15MHz

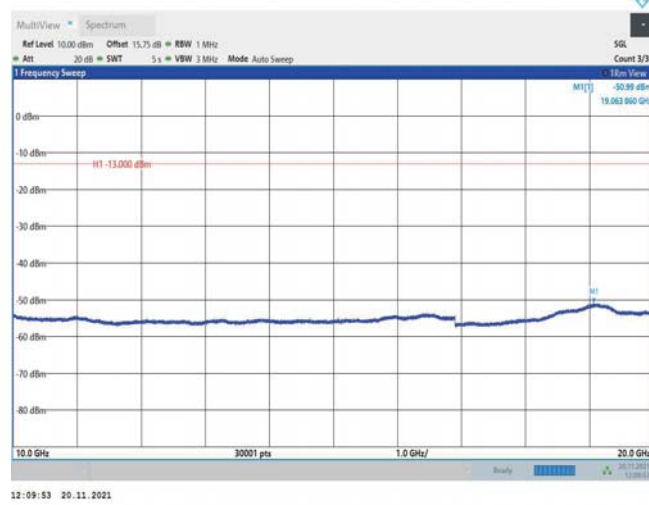


Band2-9400-4-1000~3000MHz

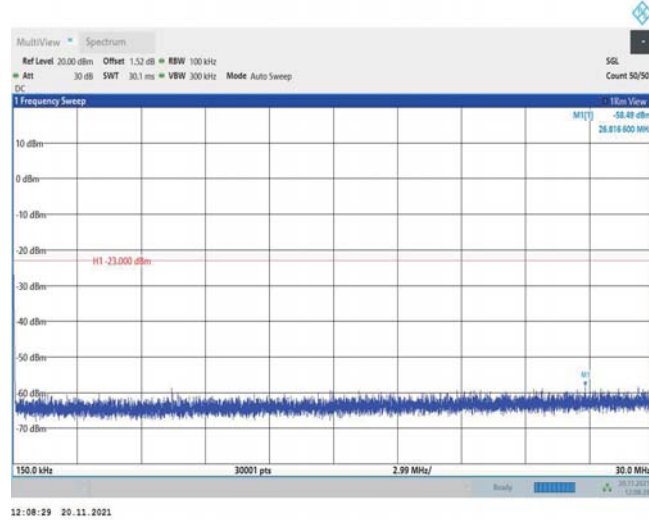




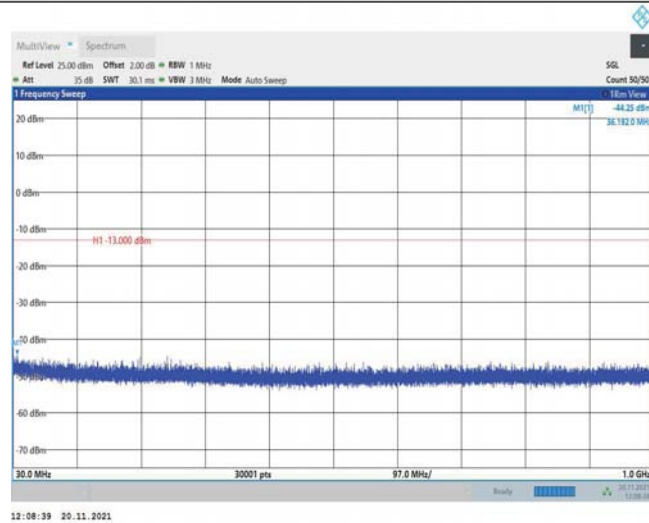
Band2-9400-5-10000~20000MHz



Band2-9400-5-0.15~30MHz

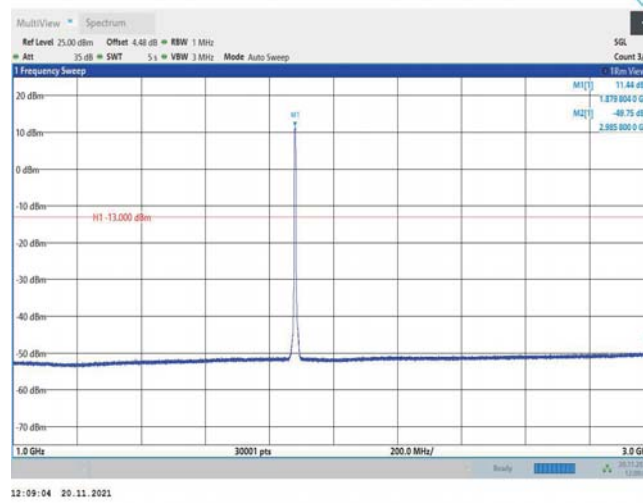


Band2-9400-5-30~1000MHz

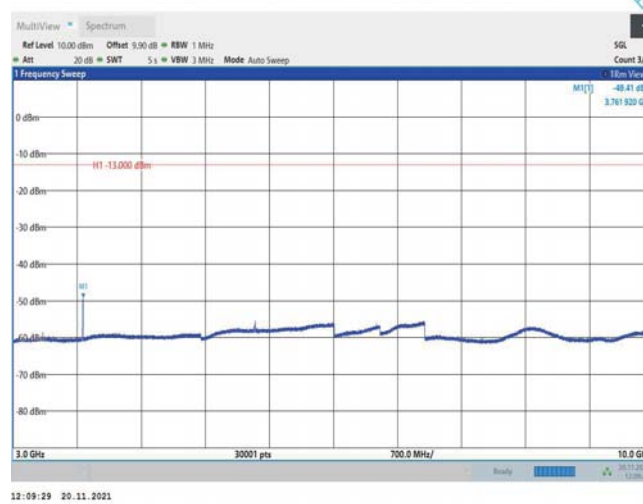




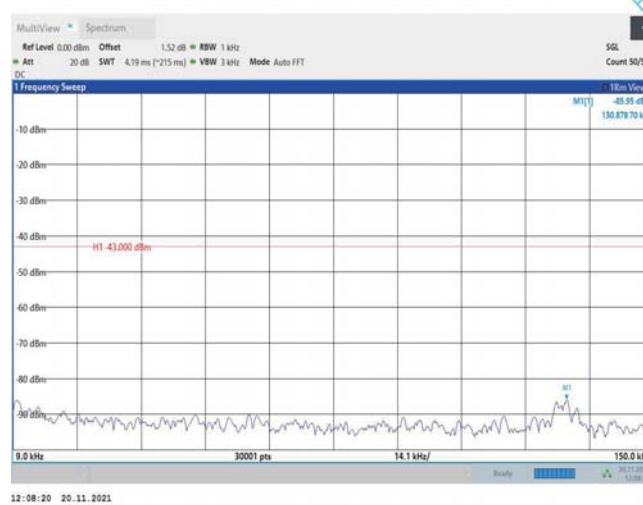
Band2-9400-5-1000~3000MHz



Band2-9400-5-3000~10000MHz

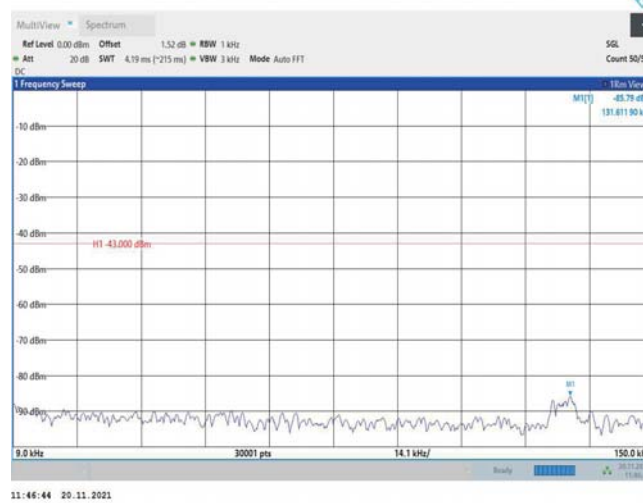


Band2-9400-5-0.009~0.15MHz

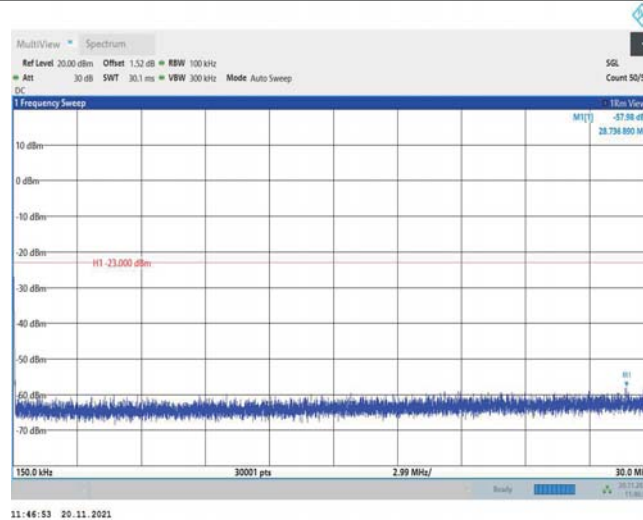




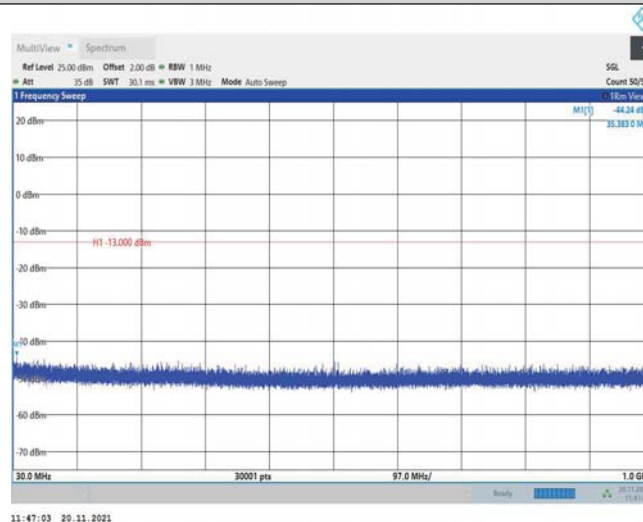
Band2-9538-1-0.009~0.15MHz



Band2-9538-1-0.15~30MHz

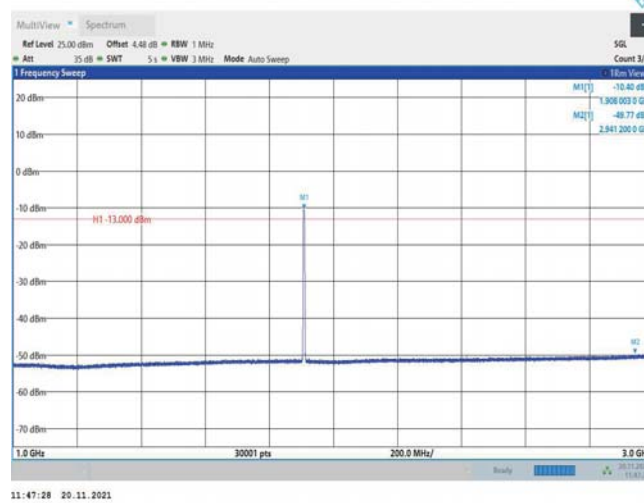


Band2-9538-1-30~1000MHz

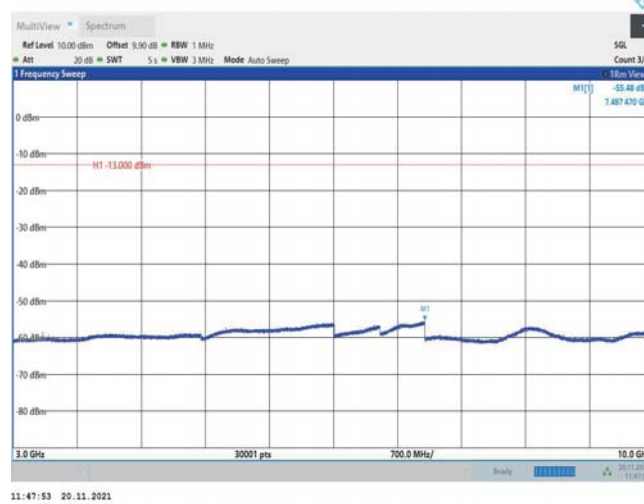




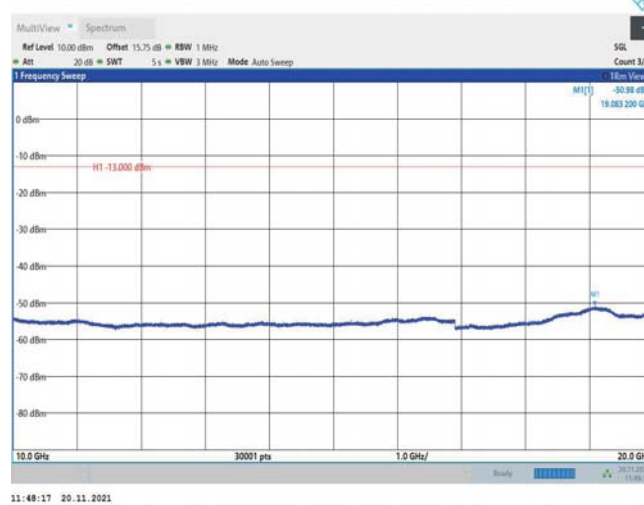
Band2-9538-1-1000~3000MHz



Band2-9538-1-3000~10000MHz

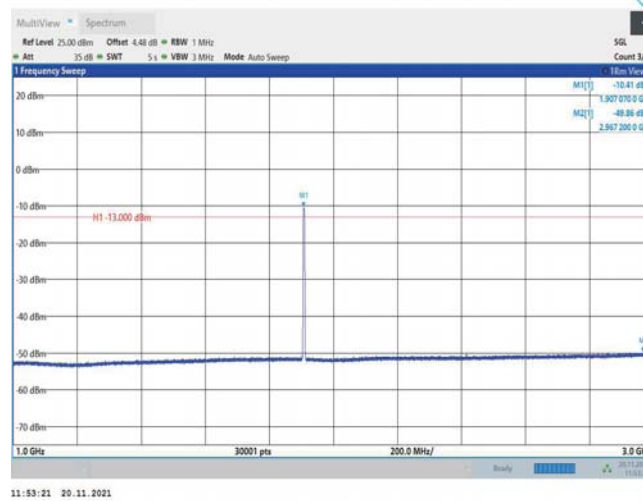


Band2-9538-1-10000~20000MHz

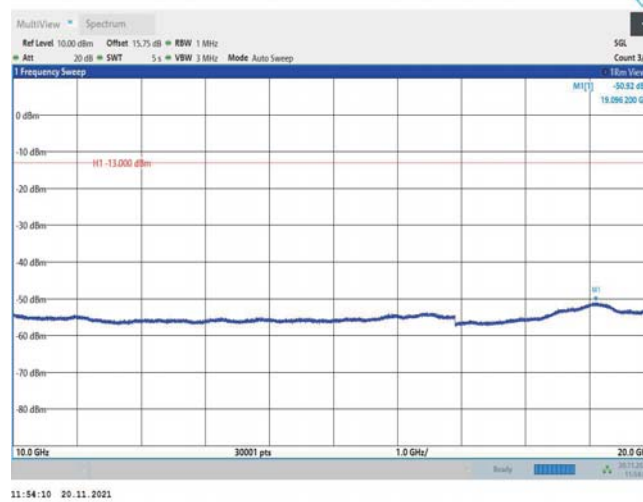




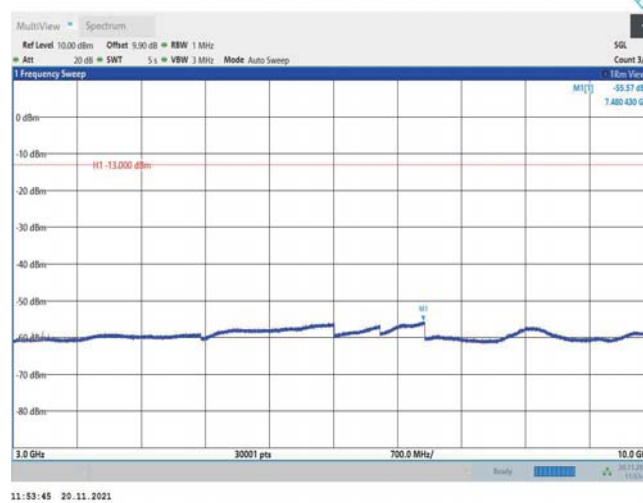
Band2-9538-2-1000~3000MHz



Band2-9538-2-10000~20000MHz

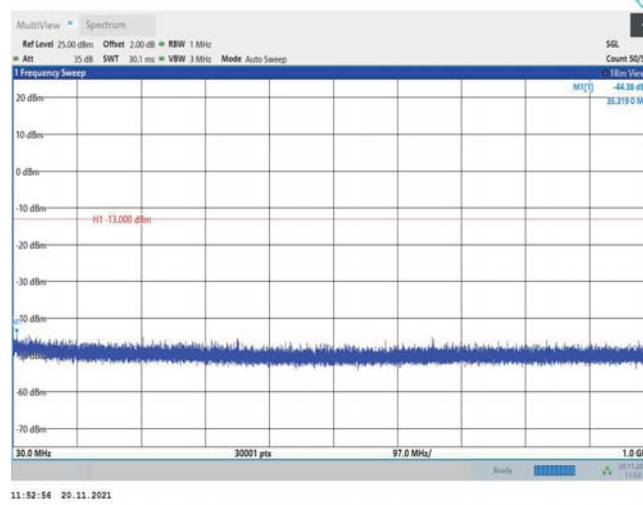


Band2-9538-2-3000~10000MHz

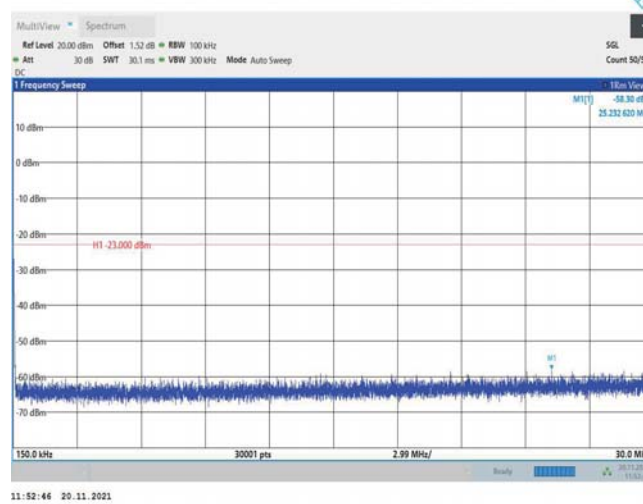




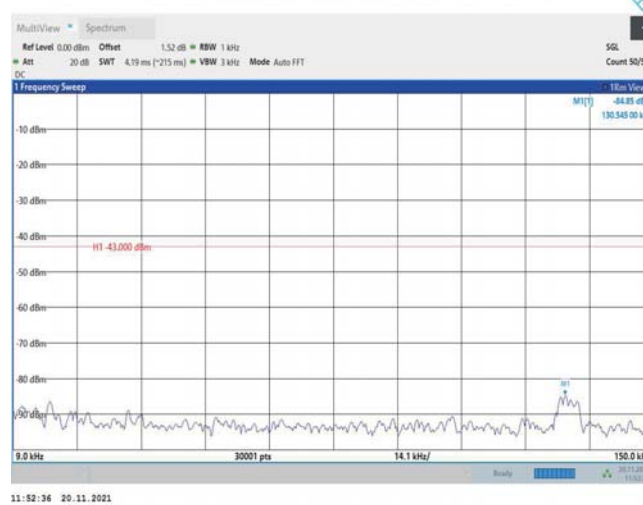
Band2-9538-2-30~1000MHz



Band2-9538-2-0.15~30MHz

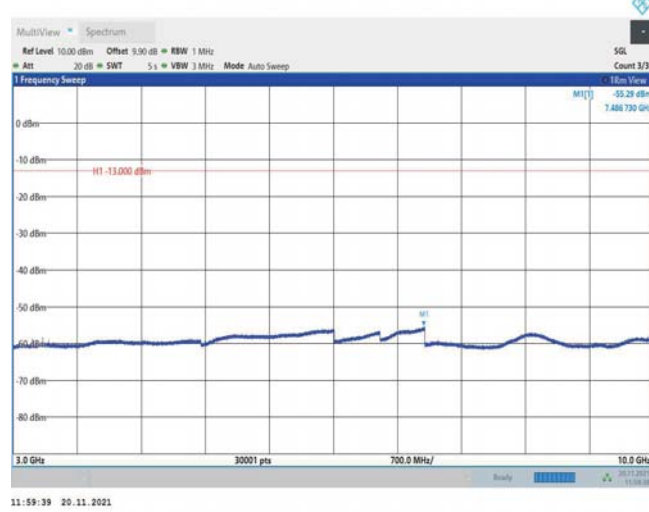


Band2-9538-2-0.009~0.15MHz

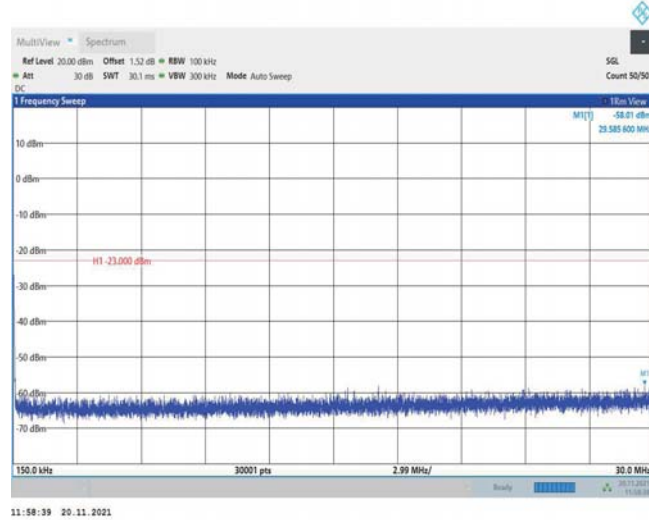




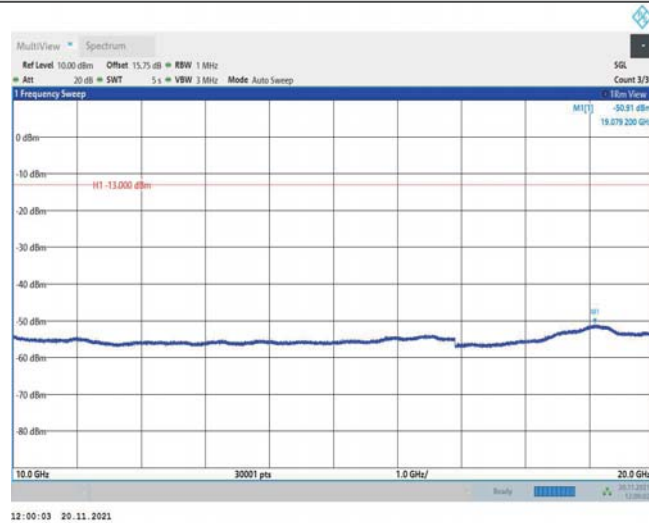
Band2-9538-3-3000~10000MHz



Band2-9538-3-0.15~30MHz

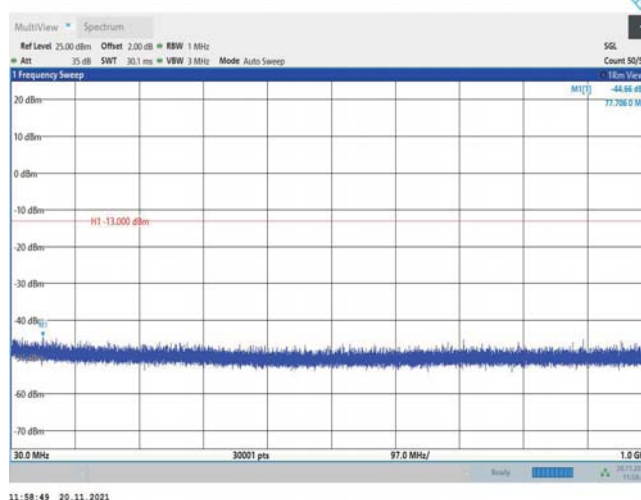


Band2-9538-3-10000~20000MHz

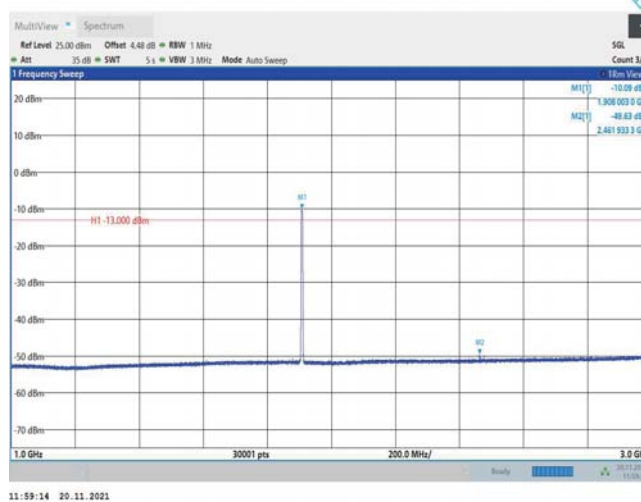




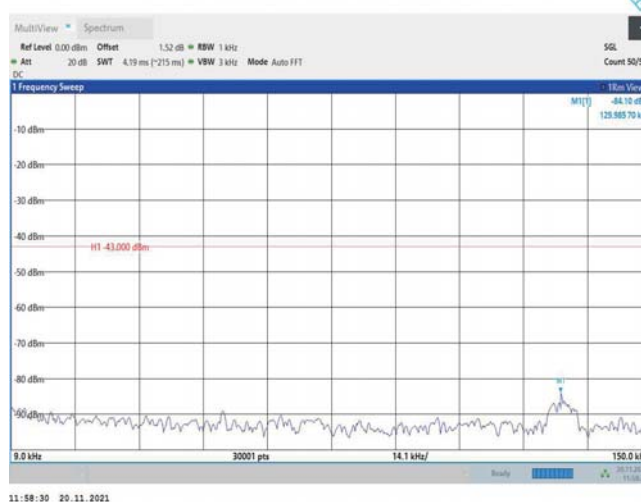
Band2-9538-3-30~1000MHz



Band2-9538-3-1000~3000MHz

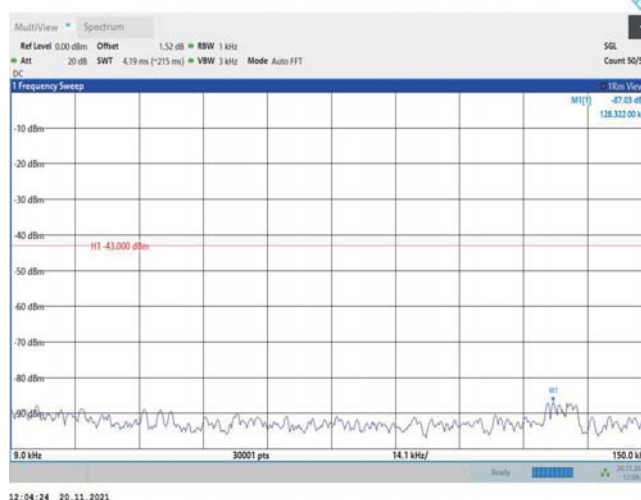


Band2-9538-3-0.009~0.15MHz

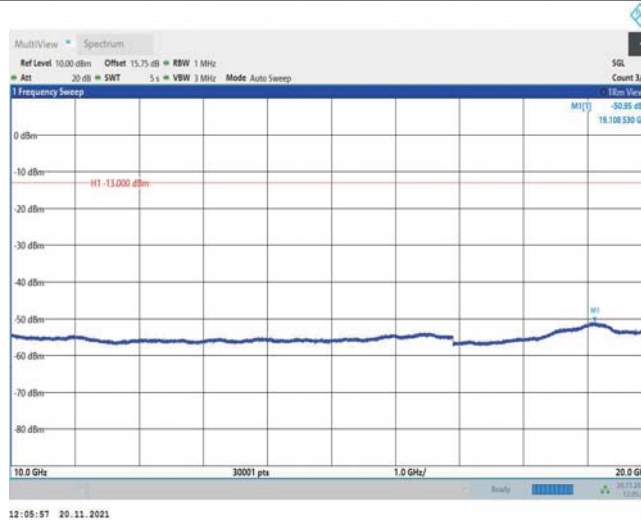




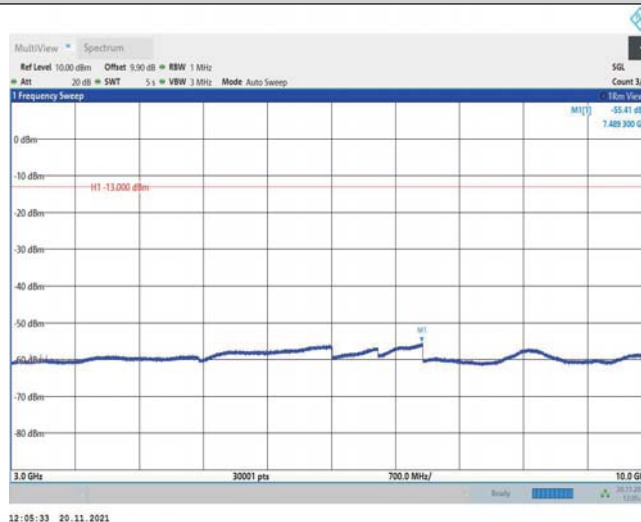
Band2-9538-4-0.009~0.15MHz



Band2-9538-4-10000~20000MHz

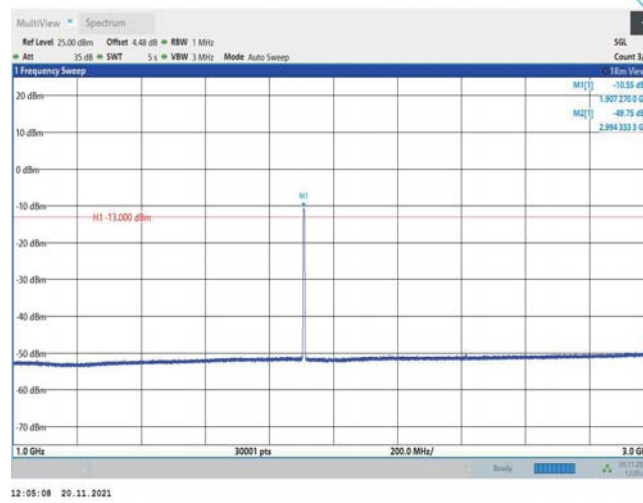


Band2-9538-4-3000~10000MHz

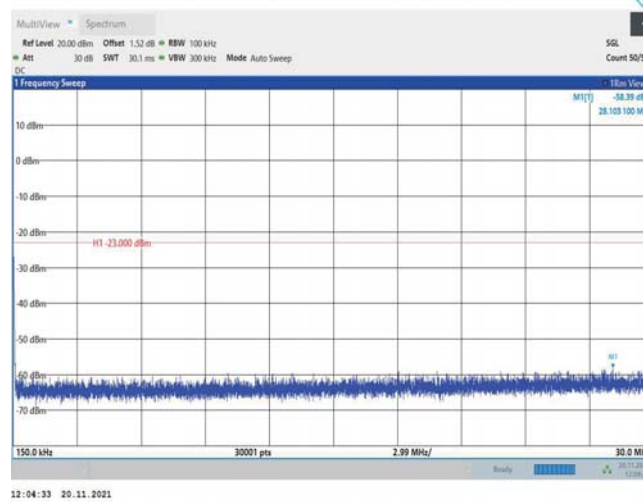




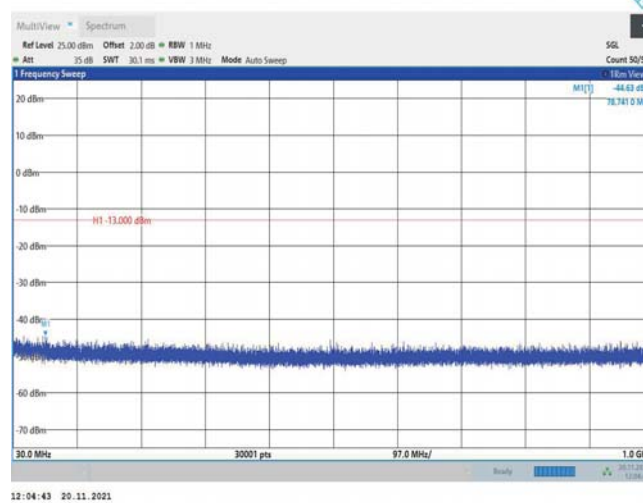
Band2-9538-4-1000~3000MHz



Band2-9538-4-0.15~30MHz

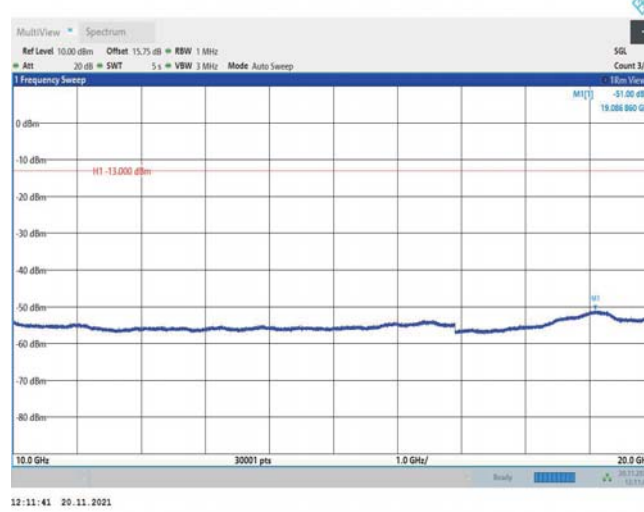


Band2-9538-4-30~1000MHz

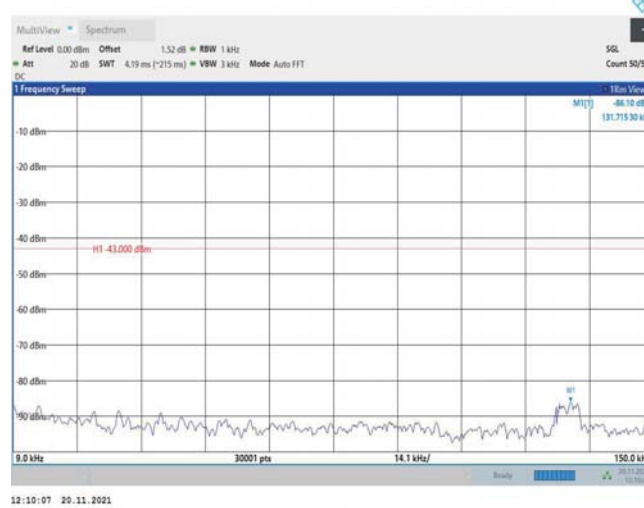




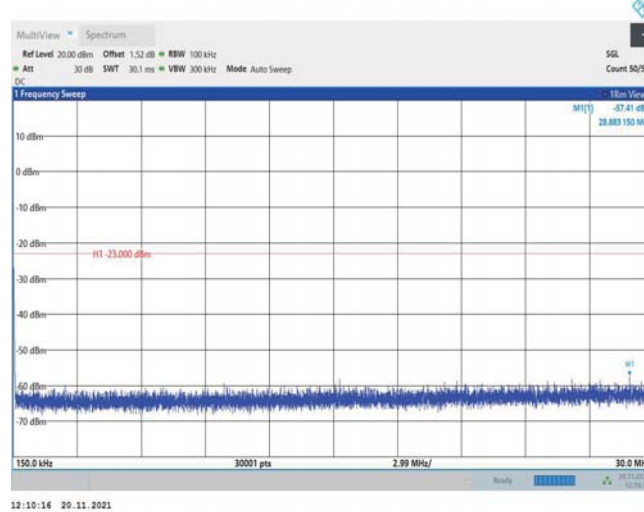
Band2-9538-5-10000~20000MHz



Band2-9538-5-0.009~0.15MHz

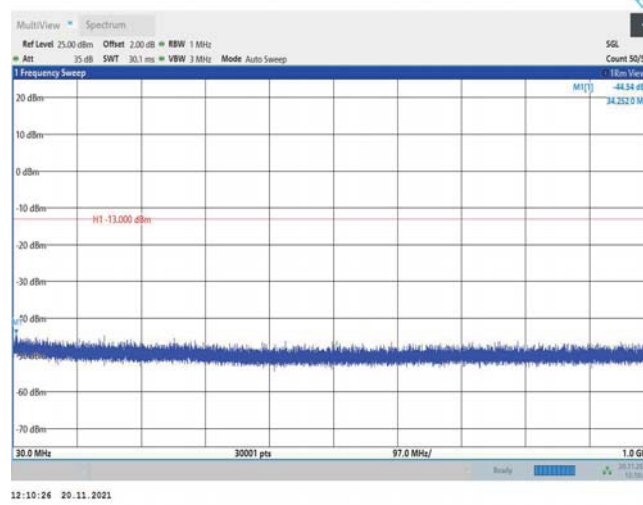


Band2-9538-5-0.15~30MHz

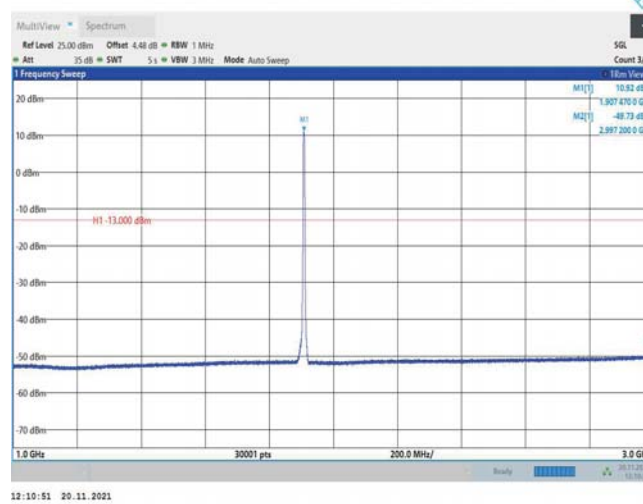




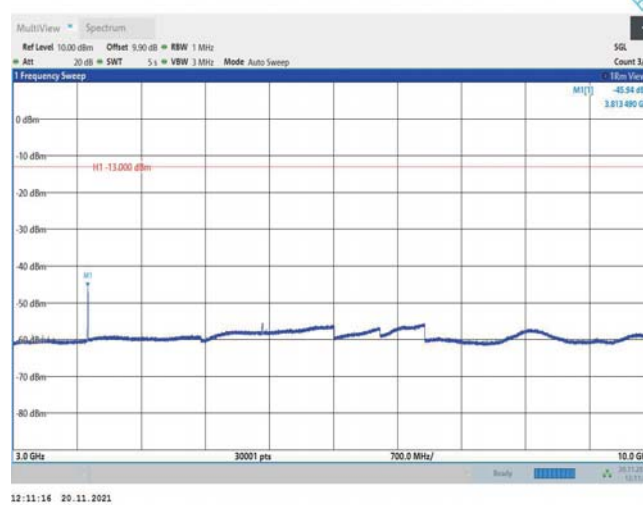
Band2-9538-5-30~1000MHz



Band2-9538-5-1000~3000MHz



Band2-9538-5-3000~10000MHz





5.6 Frequency Stability

5.6.1 Test Result(WCDMA)

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	0.97	0.000524	±2.5	PASS
Band2	9262	VN	NT	1.55	0.000837	±2.5	PASS
Band2	9262	VH	NT	1.44	0.000777	±2.5	PASS
Band2	9400	VL	NT	-0.06	-0.000032	±2.5	PASS
Band2	9400	VN	NT	-1.54	-0.000819	±2.5	PASS
Band2	9400	VH	NT	-1.13	-0.000601	±2.5	PASS
Band2	9538	VL	NT	-3.74	-0.001961	±2.5	PASS
Band2	9538	VN	NT	-3.51	-0.001840	±2.5	PASS
Band2	9538	VH	NT	-3.39	-0.001777	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	1.67	0.000902	±2.5	PASS
Band2	9262	NV	-20	2.71	0.001463	±2.5	PASS
Band2	9262	NV	0	2.06	0.001112	±2.5	PASS
Band2	9262	NV	10	1.77	0.000956	±2.5	PASS
Band2	9262	NV	20	1.81	0.000977	±2.5	PASS
Band2	9400	NV	-30	-0.61	-0.000324	±2.5	PASS
Band2	9400	NV	-20	-0.56	-0.000298	±2.5	PASS
Band2	9400	NV	0	-0.02	-0.000011	±2.5	PASS
Band2	9400	NV	10	-0.11	-0.000059	±2.5	PASS
Band2	9400	NV	20	-1.18	-0.000628	±2.5	PASS
Band2	9538	NV	-30	-3.97	-0.002081	±2.5	PASS
Band2	9538	NV	-20	-3.46	-0.001814	±2.5	PASS
Band2	9538	NV	0	-3.32	-0.001740	±2.5	PASS
Band2	9538	NV	10	-4.66	-0.002443	±2.5	PASS
Band2	9538	NV	20	-3.45	-0.001809	±2.5	PASS



5.6.2 Test Result(HSDPA)

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	VL	NT	-4.48	-0.002418	±2.5	PASS
Band2	9262	1	VN	NT	-4.27	-0.002305	±2.5	PASS
Band2	9262	1	VH	NT	-3.56	-0.001922	±2.5	PASS
Band2	9262	2	VL	NT	-4.23	-0.002284	±2.5	PASS
Band2	9262	2	VN	NT	-3.62	-0.001954	±2.5	PASS
Band2	9262	2	VH	NT	-4.07	-0.002197	±2.5	PASS
Band2	9262	3	VL	NT	-4.05	-0.002186	±2.5	PASS
Band2	9262	3	VN	NT	-3.55	-0.001916	±2.5	PASS
Band2	9262	3	VH	NT	-3.05	-0.001647	±2.5	PASS
Band2	9262	4	VL	NT	-3.94	-0.002127	±2.5	PASS
Band2	9262	4	VN	NT	-3.87	-0.002089	±2.5	PASS
Band2	9262	4	VH	NT	-3.39	-0.001830	±2.5	PASS
Band2	9400	1	VL	NT	-3.61	-0.001920	±2.5	PASS
Band2	9400	1	VN	NT	-2.13	-0.001133	±2.5	PASS
Band2	9400	1	VH	NT	-3.60	-0.001915	±2.5	PASS
Band2	9400	2	VL	NT	-4.14	-0.002202	±2.5	PASS
Band2	9400	2	VN	NT	-3.02	-0.001606	±2.5	PASS
Band2	9400	2	VH	NT	-2.72	-0.001447	±2.5	PASS
Band2	9400	3	VL	NT	-2.90	-0.001543	±2.5	PASS
Band2	9400	3	VN	NT	-4.01	-0.002133	±2.5	PASS
Band2	9400	3	VH	NT	-3.70	-0.001968	±2.5	PASS
Band2	9400	4	VL	NT	-3.37	-0.001793	±2.5	PASS
Band2	9400	4	VN	NT	-4.20	-0.002234	±2.5	PASS
Band2	9400	4	VH	NT	-3.65	-0.001941	±2.5	PASS
Band2	9538	1	VL	NT	-2.81	-0.001473	±2.5	PASS
Band2	9538	1	VN	NT	-2.21	-0.001159	±2.5	PASS
Band2	9538	1	VH	NT	-3.87	-0.002029	±2.5	PASS
Band2	9538	2	VL	NT	-3.96	-0.002076	±2.5	PASS
Band2	9538	2	VN	NT	-3.65	-0.001913	±2.5	PASS
Band2	9538	2	VH	NT	-3.53	-0.001850	±2.5	PASS
Band2	9538	3	VL	NT	-3.24	-0.001698	±2.5	PASS
Band2	9538	3	VN	NT	-3.53	-0.001850	±2.5	PASS
Band2	9538	3	VH	NT	-3.60	-0.001887	±2.5	PASS
Band2	9538	4	VL	NT	-3.04	-0.001594	±2.5	PASS
Band2	9538	4	VN	NT	-3.40	-0.001782	±2.5	PASS
Band2	9538	4	VH	NT	-2.57	-0.001347	±2.5	PASS

Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	NV	-30	-3.74	-0.002019	±2.5	PASS
Band2	9262	1	NV	-20	-3.62	-0.001954	±2.5	PASS
Band2	9262	1	NV	0	-3.80	-0.002051	±2.5	PASS



Band2	9262	1	NV	10	-3.62	-0.001954	±2.5	PASS
Band2	9262	1	NV	20	-3.85	-0.002078	±2.5	PASS
Band2	9262	2	NV	-30	-3.13	-0.001690	±2.5	PASS
Band2	9262	2	NV	-20	-3.22	-0.001738	±2.5	PASS
Band2	9262	2	NV	0	-3.97	-0.002143	±2.5	PASS
Band2	9262	2	NV	10	-3.77	-0.002035	±2.5	PASS
Band2	9262	2	NV	20	-2.33	-0.001258	±2.5	PASS
Band2	9262	3	NV	-30	-3.22	-0.001738	±2.5	PASS
Band2	9262	3	NV	-20	-3.88	-0.002095	±2.5	PASS
Band2	9262	3	NV	0	-3.87	-0.002089	±2.5	PASS
Band2	9262	3	NV	10	-4.14	-0.002235	±2.5	PASS
Band2	9262	3	NV	20	-3.93	-0.002122	±2.5	PASS
Band2	9262	4	NV	-30	-4.30	-0.002321	±2.5	PASS
Band2	9262	4	NV	-20	-3.51	-0.001895	±2.5	PASS
Band2	9262	4	NV	0	-3.18	-0.001717	±2.5	PASS
Band2	9262	4	NV	10	-3.32	-0.001792	±2.5	PASS
Band2	9262	4	NV	20	-3.30	-0.001781	±2.5	PASS
Band2	9400	1	NV	-30	-4.02	-0.002138	±2.5	PASS
Band2	9400	1	NV	-20	-3.82	-0.002032	±2.5	PASS
Band2	9400	1	NV	0	-2.77	-0.001473	±2.5	PASS
Band2	9400	1	NV	10	-3.57	-0.001899	±2.5	PASS
Band2	9400	1	NV	20	-3.84	-0.002043	±2.5	PASS
Band2	9400	2	NV	-30	-3.32	-0.001766	±2.5	PASS
Band2	9400	2	NV	-20	-3.75	-0.001995	±2.5	PASS
Band2	9400	2	NV	0	-3.53	-0.001878	±2.5	PASS
Band2	9400	2	NV	10	-3.69	-0.001963	±2.5	PASS
Band2	9400	2	NV	20	-3.81	-0.002027	±2.5	PASS
Band2	9400	3	NV	-30	-3.54	-0.001883	±2.5	PASS
Band2	9400	3	NV	-20	-3.98	-0.002117	±2.5	PASS
Band2	9400	3	NV	0	-3.09	-0.001644	±2.5	PASS
Band2	9400	3	NV	10	-2.78	-0.001479	±2.5	PASS
Band2	9400	3	NV	20	-3.42	-0.001819	±2.5	PASS
Band2	9400	4	NV	-30	-3.78	-0.002011	±2.5	PASS
Band2	9400	4	NV	-20	-3.52	-0.001872	±2.5	PASS
Band2	9400	4	NV	0	-4.38	-0.002330	±2.5	PASS
Band2	9400	4	NV	10	-3.50	-0.001862	±2.5	PASS
Band2	9400	4	NV	20	-4.38	-0.002330	±2.5	PASS
Band2	9538	1	NV	-30	-3.78	-0.001982	±2.5	PASS
Band2	9538	1	NV	-20	-3.40	-0.001782	±2.5	PASS
Band2	9538	1	NV	0	-2.80	-0.001468	±2.5	PASS
Band2	9538	1	NV	10	-3.33	-0.001746	±2.5	PASS
Band2	9538	1	NV	20	-3.60	-0.001887	±2.5	PASS
Band2	9538	2	NV	-30	-3.89	-0.002039	±2.5	PASS
Band2	9538	2	NV	-20	-4.15	-0.002176	±2.5	PASS
Band2	9538	2	NV	0	-4.08	-0.002139	±2.5	PASS
Band2	9538	2	NV	10	-3.97	-0.002081	±2.5	PASS
Band2	9538	2	NV	20	-3.14	-0.001646	±2.5	PASS
Band2	9538	3	NV	-30	-3.32	-0.001740	±2.5	PASS
Band2	9538	3	NV	-20	-3.87	-0.002029	±2.5	PASS



Band2	9538	3	NV	0	-3.15	-0.001651	±2.5	PASS
Band2	9538	3	NV	10	-3.86	-0.002023	±2.5	PASS
Band2	9538	3	NV	20	-2.57	-0.001347	±2.5	PASS
Band2	9538	4	NV	-30	-4.48	-0.002349	±2.5	PASS
Band2	9538	4	NV	-20	-3.26	-0.001709	±2.5	PASS
Band2	9538	4	NV	0	-3.61	-0.001892	±2.5	PASS
Band2	9538	4	NV	10	-4.09	-0.002144	±2.5	PASS
Band2	9538	4	NV	20	-3.53	-0.001850	±2.5	PASS



5.6.3 Test Result(HSUPA)

Voltage								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	VL	NT	-4.35	-0.002348	±2.5	PASS
Band2	9262	1	VN	NT	-3.57	-0.001927	±2.5	PASS
Band2	9262	1	VH	NT	-4.35	-0.002348	±2.5	PASS
Band2	9262	2	VL	NT	-3.93	-0.002122	±2.5	PASS
Band2	9262	2	VN	NT	-3.77	-0.002035	±2.5	PASS
Band2	9262	2	VH	NT	-3.85	-0.002078	±2.5	PASS
Band2	9262	3	VL	NT	-3.02	-0.001630	±2.5	PASS
Band2	9262	3	VN	NT	-3.87	-0.002089	±2.5	PASS
Band2	9262	3	VH	NT	-3.27	-0.001765	±2.5	PASS
Band2	9262	4	VL	NT	-3.40	-0.001835	±2.5	PASS
Band2	9262	4	VN	NT	-3.11	-0.001679	±2.5	PASS
Band2	9262	4	VH	NT	-3.80	-0.002051	±2.5	PASS
Band2	9262	5	VL	NT	-3.91	-0.002111	±2.5	PASS
Band2	9262	5	VN	NT	-3.27	-0.001765	±2.5	PASS
Band2	9262	5	VH	NT	-3.60	-0.001943	±2.5	PASS
Band2	9400	1	VL	NT	-4.07	-0.002165	±2.5	PASS
Band2	9400	1	VN	NT	-3.29	-0.001750	±2.5	PASS
Band2	9400	1	VH	NT	-3.12	-0.001660	±2.5	PASS
Band2	9400	2	VL	NT	-3.36	-0.001787	±2.5	PASS
Band2	9400	2	VN	NT	-3.55	-0.001888	±2.5	PASS
Band2	9400	2	VH	NT	-3.53	-0.001878	±2.5	PASS
Band2	9400	3	VL	NT	-3.20	-0.001702	±2.5	PASS
Band2	9400	3	VN	NT	-3.93	-0.002090	±2.5	PASS
Band2	9400	3	VH	NT	-2.89	-0.001537	±2.5	PASS
Band2	9400	4	VL	NT	-4.40	-0.002340	±2.5	PASS
Band2	9400	4	VN	NT	-3.31	-0.001761	±2.5	PASS
Band2	9400	4	VH	NT	-2.92	-0.001553	±2.5	PASS
Band2	9400	5	VL	NT	-4.04	-0.002149	±2.5	PASS
Band2	9400	5	VN	NT	-2.83	-0.001505	±2.5	PASS
Band2	9400	5	VH	NT	-3.14	-0.001670	±2.5	PASS
Band2	9538	1	VL	NT	-3.23	-0.001693	±2.5	PASS
Band2	9538	1	VN	NT	-3.43	-0.001798	±2.5	PASS
Band2	9538	1	VH	NT	-3.94	-0.002065	±2.5	PASS
Band2	9538	2	VL	NT	-3.86	-0.002023	±2.5	PASS
Band2	9538	2	VN	NT	-2.69	-0.001410	±2.5	PASS
Band2	9538	2	VH	NT	-3.70	-0.001940	±2.5	PASS
Band2	9538	3	VL	NT	-3.44	-0.001803	±2.5	PASS
Band2	9538	3	VN	NT	-4.06	-0.002128	±2.5	PASS
Band2	9538	3	VH	NT	-3.68	-0.001929	±2.5	PASS
Band2	9538	4	VL	NT	-3.05	-0.001599	±2.5	PASS
Band2	9538	4	VN	NT	-2.98	-0.001562	±2.5	PASS
Band2	9538	4	VH	NT	-3.63	-0.001903	±2.5	PASS
Band2	9538	5	VL	NT	-2.91	-0.001525	±2.5	PASS
Band2	9538	5	VN	NT	-3.93	-0.002060	±2.5	PASS



Band2	9538	5	VH	NT	-3.66	-0.001919	±2.5	PASS
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Temperature								
Band	Channel	Sub Test	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	1	NV	-30	-3.98	-0.002149	±2.5	PASS
Band2	9262	1	NV	-20	-3.53	-0.001906	±2.5	PASS
Band2	9262	1	NV	0	-4.60	-0.002483	±2.5	PASS
Band2	9262	1	NV	10	-3.62	-0.001954	±2.5	PASS
Band2	9262	1	NV	20	-3.59	-0.001938	±2.5	PASS
Band2	9262	2	NV	-30	-3.34	-0.001803	±2.5	PASS
Band2	9262	2	NV	-20	-3.69	-0.001992	±2.5	PASS
Band2	9262	2	NV	0	-3.62	-0.001954	±2.5	PASS
Band2	9262	2	NV	10	-2.70	-0.001458	±2.5	PASS
Band2	9262	2	NV	20	-2.93	-0.001582	±2.5	PASS
Band2	9262	3	NV	-30	-2.36	-0.001274	±2.5	PASS
Band2	9262	3	NV	-20	-3.15	-0.001700	±2.5	PASS
Band2	9262	3	NV	0	-3.54	-0.001911	±2.5	PASS
Band2	9262	3	NV	10	-2.54	-0.001371	±2.5	PASS
Band2	9262	3	NV	20	-4.11	-0.002219	±2.5	PASS
Band2	9262	4	NV	-30	-3.79	-0.002046	±2.5	PASS
Band2	9262	4	NV	-20	-4.03	-0.002176	±2.5	PASS
Band2	9262	4	NV	0	-4.27	-0.002305	±2.5	PASS
Band2	9262	4	NV	10	-3.07	-0.001657	±2.5	PASS
Band2	9262	4	NV	20	-2.99	-0.001614	±2.5	PASS
Band2	9262	5	NV	-30	-3.28	-0.001771	±2.5	PASS
Band2	9262	5	NV	-20	-3.59	-0.001938	±2.5	PASS
Band2	9262	5	NV	0	-4.18	-0.002257	±2.5	PASS
Band2	9262	5	NV	10	-3.58	-0.001933	±2.5	PASS
Band2	9262	5	NV	20	-2.97	-0.001603	±2.5	PASS
Band2	9400	1	NV	-30	-3.24	-0.001723	±2.5	PASS
Band2	9400	1	NV	-20	-3.19	-0.001697	±2.5	PASS
Band2	9400	1	NV	0	-4.55	-0.002420	±2.5	PASS
Band2	9400	1	NV	10	-2.63	-0.001399	±2.5	PASS
Band2	9400	1	NV	20	-2.65	-0.001410	±2.5	PASS
Band2	9400	2	NV	-30	-3.37	-0.001793	±2.5	PASS
Band2	9400	2	NV	-20	-3.33	-0.001771	±2.5	PASS
Band2	9400	2	NV	0	-3.23	-0.001718	±2.5	PASS
Band2	9400	2	NV	10	-3.34	-0.001777	±2.5	PASS
Band2	9400	2	NV	20	-4.05	-0.002154	±2.5	PASS
Band2	9400	3	NV	-30	-3.26	-0.001734	±2.5	PASS
Band2	9400	3	NV	-20	-2.90	-0.001543	±2.5	PASS
Band2	9400	3	NV	0	-4.00	-0.002128	±2.5	PASS
Band2	9400	3	NV	10	-3.05	-0.001622	±2.5	PASS
Band2	9400	3	NV	20	-4.20	-0.002234	±2.5	PASS
Band2	9400	4	NV	-30	-2.28	-0.001213	±2.5	PASS
Band2	9400	4	NV	-20	-3.31	-0.001761	±2.5	PASS
Band2	9400	4	NV	0	-3.06	-0.001628	±2.5	PASS



Band2	9400	4	NV	10	-3.62	-0.001926	±2.5	PASS
Band2	9400	4	NV	20	-2.96	-0.001574	±2.5	PASS
Band2	9400	5	NV	-30	-3.17	-0.001686	±2.5	PASS
Band2	9400	5	NV	-20	-3.28	-0.001745	±2.5	PASS
Band2	9400	5	NV	0	-3.86	-0.002053	±2.5	PASS
Band2	9400	5	NV	10	-4.07	-0.002165	±2.5	PASS
Band2	9400	5	NV	20	-3.56	-0.001894	±2.5	PASS
Band2	9538	1	NV	-30	-2.23	-0.001169	±2.5	PASS
Band2	9538	1	NV	-20	-4.33	-0.002270	±2.5	PASS
Band2	9538	1	NV	0	-3.56	-0.001866	±2.5	PASS
Band2	9538	1	NV	10	-3.06	-0.001604	±2.5	PASS
Band2	9538	1	NV	20	-3.33	-0.001746	±2.5	PASS
Band2	9538	2	NV	-30	-3.73	-0.001955	±2.5	PASS
Band2	9538	2	NV	-20	-4.09	-0.002144	±2.5	PASS
Band2	9538	2	NV	0	-3.58	-0.001877	±2.5	PASS
Band2	9538	2	NV	10	-3.52	-0.001845	±2.5	PASS
Band2	9538	2	NV	20	-2.62	-0.001373	±2.5	PASS
Band2	9538	3	NV	-30	-3.83	-0.002008	±2.5	PASS
Band2	9538	3	NV	-20	-3.40	-0.001782	±2.5	PASS
Band2	9538	3	NV	0	-4.79	-0.002511	±2.5	PASS
Band2	9538	3	NV	10	-3.22	-0.001688	±2.5	PASS
Band2	9538	3	NV	20	-4.06	-0.002128	±2.5	PASS
Band2	9538	4	NV	-30	-3.11	-0.001630	±2.5	PASS
Band2	9538	4	NV	-20	-2.62	-0.001373	±2.5	PASS
Band2	9538	4	NV	0	-3.38	-0.001772	±2.5	PASS
Band2	9538	4	NV	10	-2.90	-0.001520	±2.5	PASS
Band2	9538	4	NV	20	-3.63	-0.001903	±2.5	PASS
Band2	9538	5	NV	-30	-3.71	-0.001945	±2.5	PASS
Band2	9538	5	NV	-20	-3.35	-0.001756	±2.5	PASS
Band2	9538	5	NV	0	-3.45	-0.001809	±2.5	PASS
Band2	9538	5	NV	10	-3.90	-0.002044	±2.5	PASS
Band2	9538	5	NV	20	-4.01	-0.002102	±2.5	PASS



6 Appendix B

Antenna Port Conducted Test				
Equipment	Model No.	Serial Number	Manufacturer	Cal. Due
Communication Shielded Room 1	4m*3m*3m	CRTDSWKS44301	CRT	2024/04/24
Spectrum Analyzer	FSV30	104337	R&S	2022/11/03
Comprehensive Test Instrument	CMW500	137779	R&S	2022/06/30
LTE Comprehensive Test Instrument	E7515A	MY58010639	KEYSIGHT	2022/04/14
Analog Signal Generator	SMA100B	103663	R&S	2022/06/30
Vector Signal Generator	SMBV100B	101757	R&S	2022/06/30
Programmable DC Power Supply	E3642A	MY59108106	KEYSIGHT	2022/08/05

Radiated Emission Test - 3M Chamber				
Equipment	Model No.	Serial Number	Manufacturer	Cal. Due
3m Semi-Anechoic Chamber	FACT-4	ST08035	ETS	2024/12/12
Spectrum Analyzer	N9010B	MY57470323	KEYSIGHT	2022/03/04
EMI Test Receiver	N9038A-508	MY532290079	Agilent	2022/03/05
Broadband Antenna	VULB 9163	9163-530	SCHWARZBECK	2022/06/26
Waveguide Horn Antenna	HF906	360306/008	R&S	2022/03/05
Waveguide Horn Antenna	BBHA9170	00949	SCHWARZBECK	2022/08/27
Preamplifier	BBV 9721	9721-050	SCHWARZBECK	2022/06/30
5G Bandstop Filters	WRCJV12-4900-5100-5900-6100-50EE	1	WI	2021/12/16
Comprehensive tester	CMW500	159000	R&S	2022/01/04



Important

- (1) The test report is valid with the official seal of the laboratory and the signatures of Test engineer, Author and Reviewer simultaneously.
- (2) The test report is invalid if altered.
- (3) Any photocopies or part photocopies in the test report are forbidden without the written permission from the laboratory.
- (4) Objections to the test report must be submitted to the laboratory within 15 days.
- (5) Generally, commission test is responsible for the tested samples only.

Address of the laboratory:

CVC Testing Technology Co., Ltd.

Address: No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, China

Post Code: 510663

Tel: 020-32293888

FAX: 020-32293889

E-mail: office@cvc.org.cn