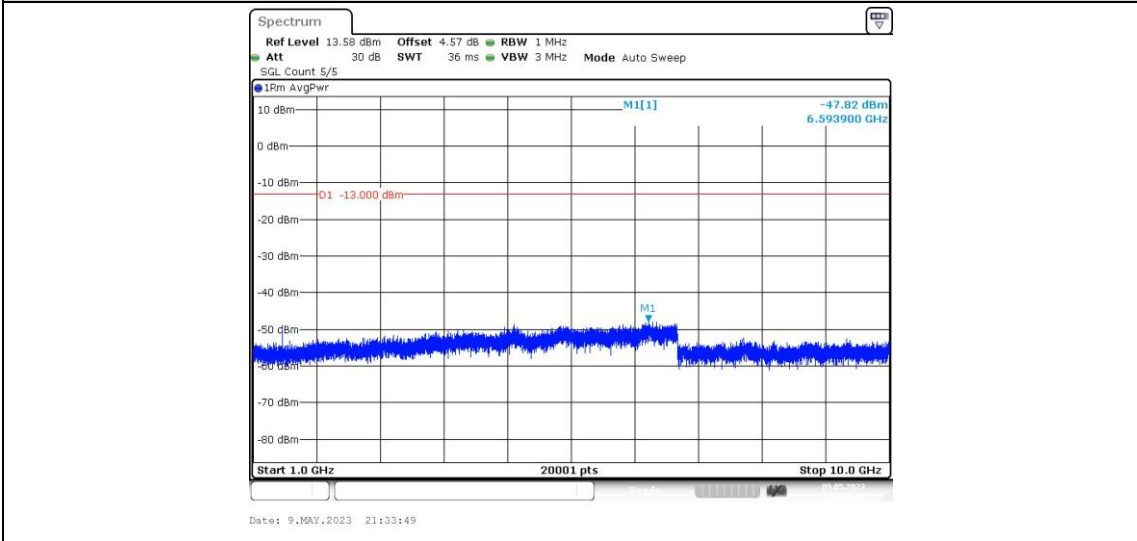
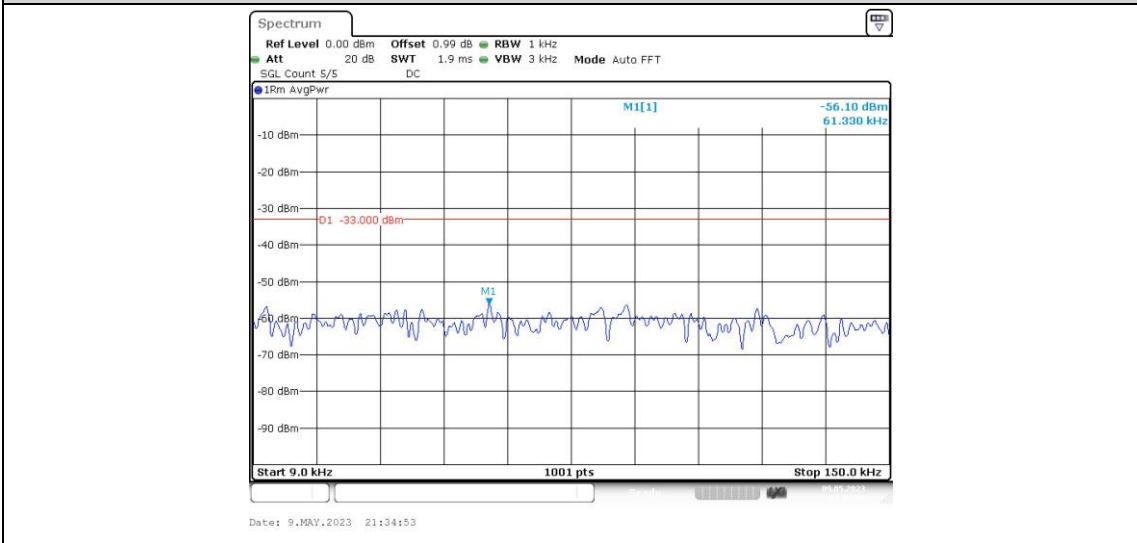


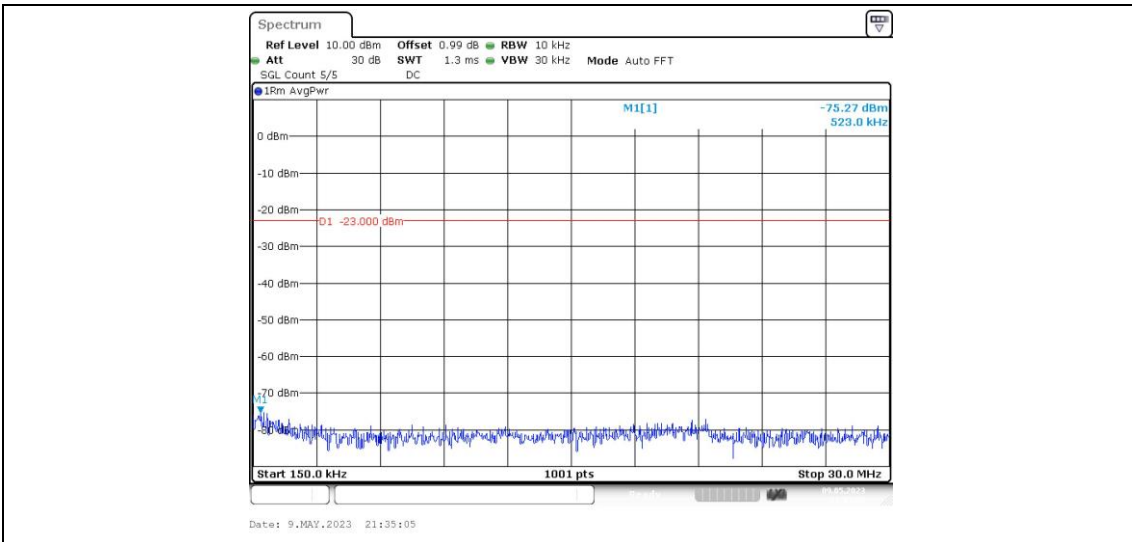
Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz



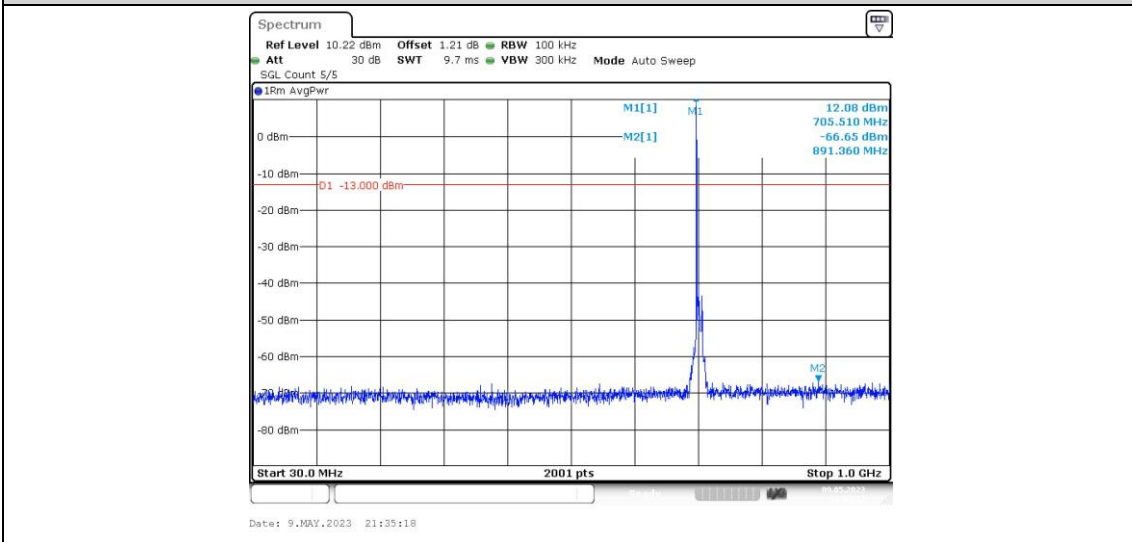
Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



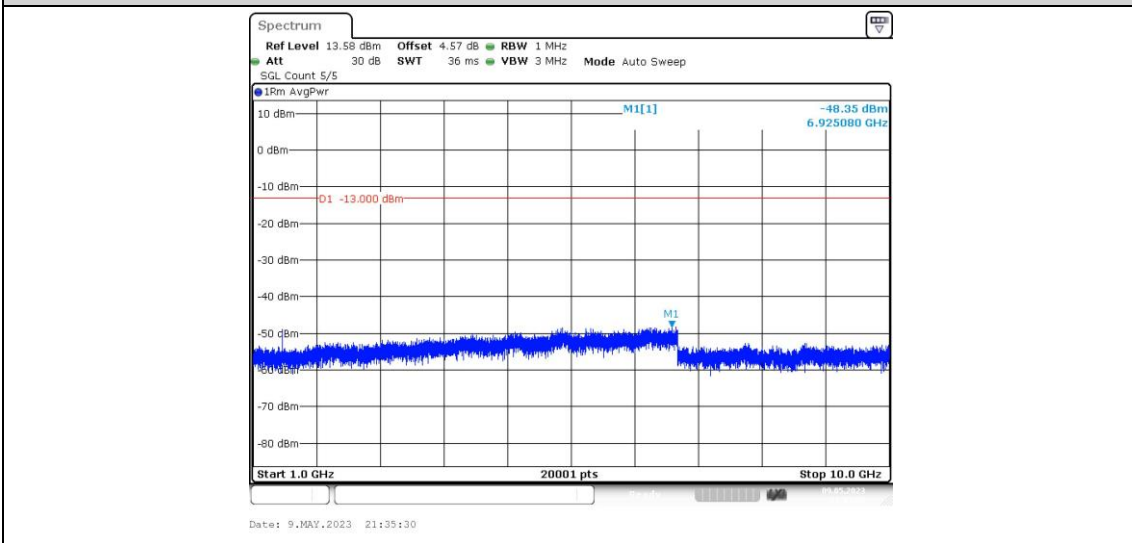
Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



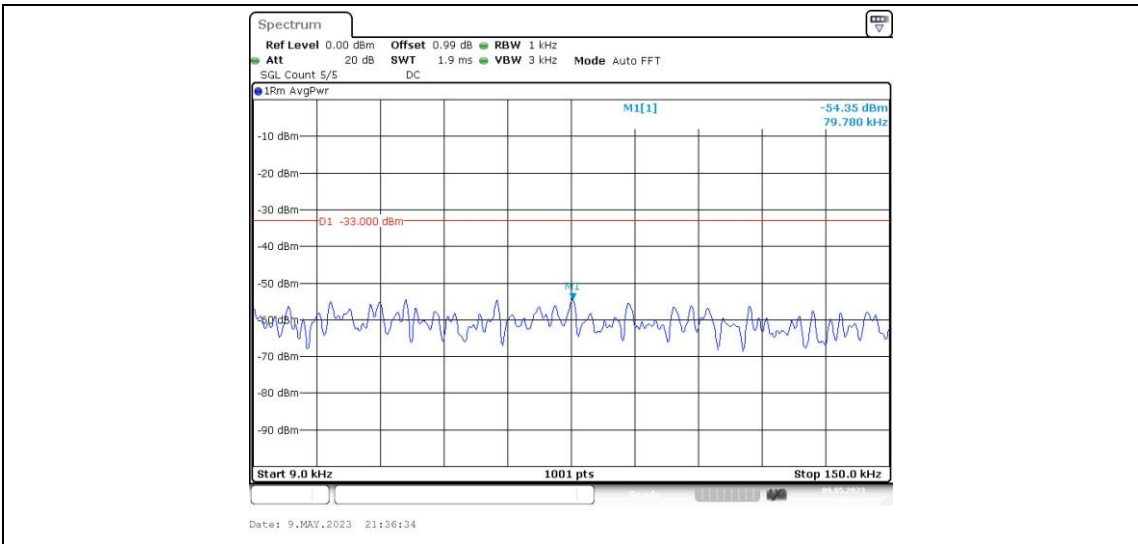
Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



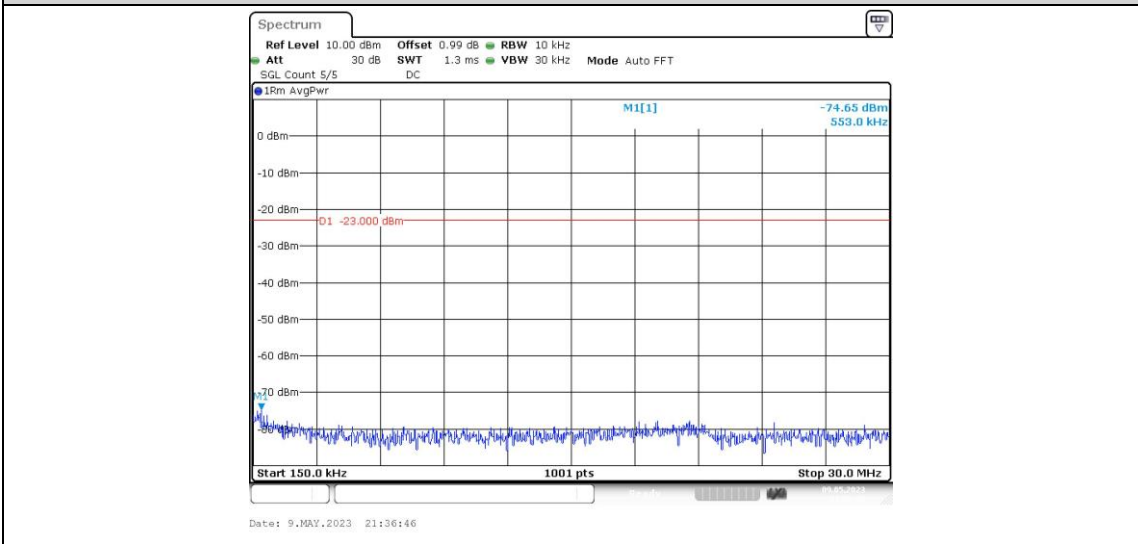
Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



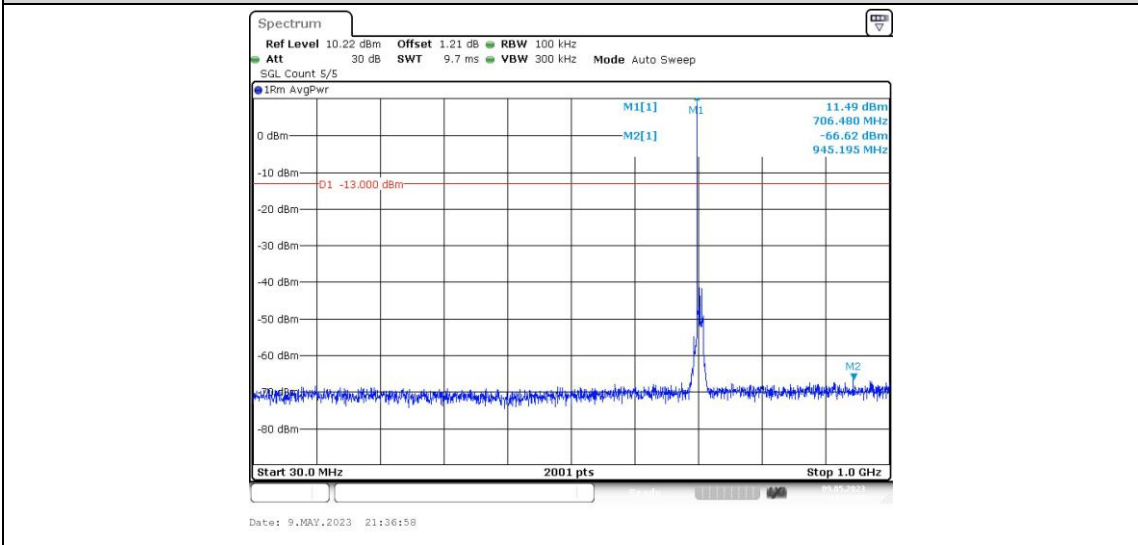
Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



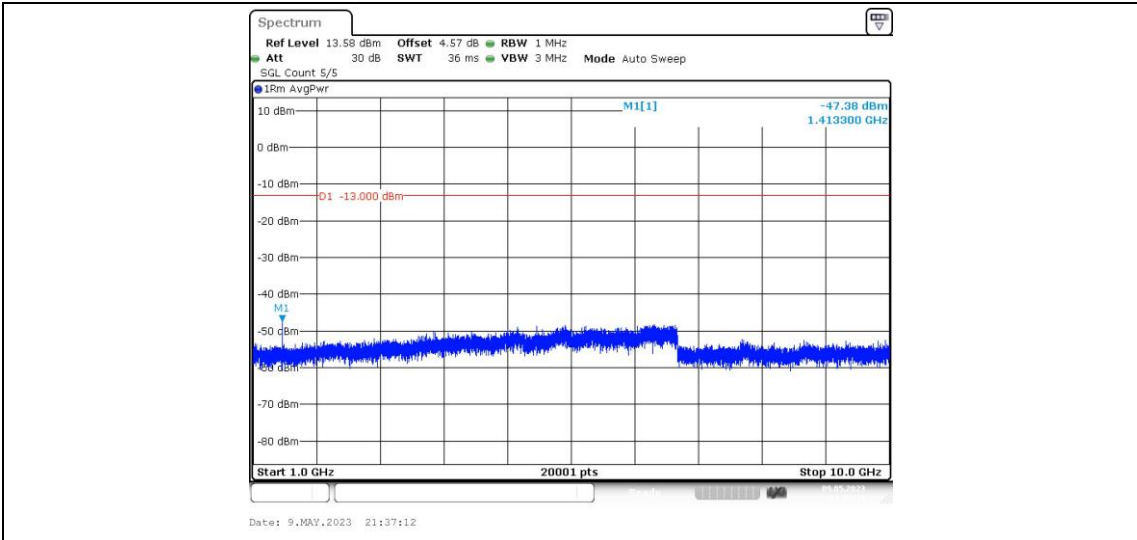
Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz



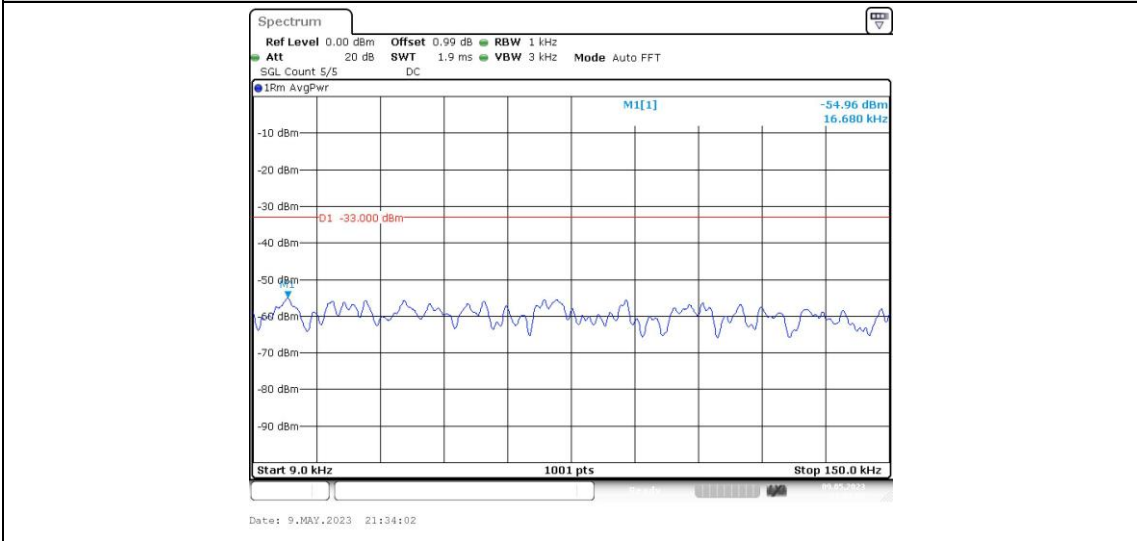
Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz



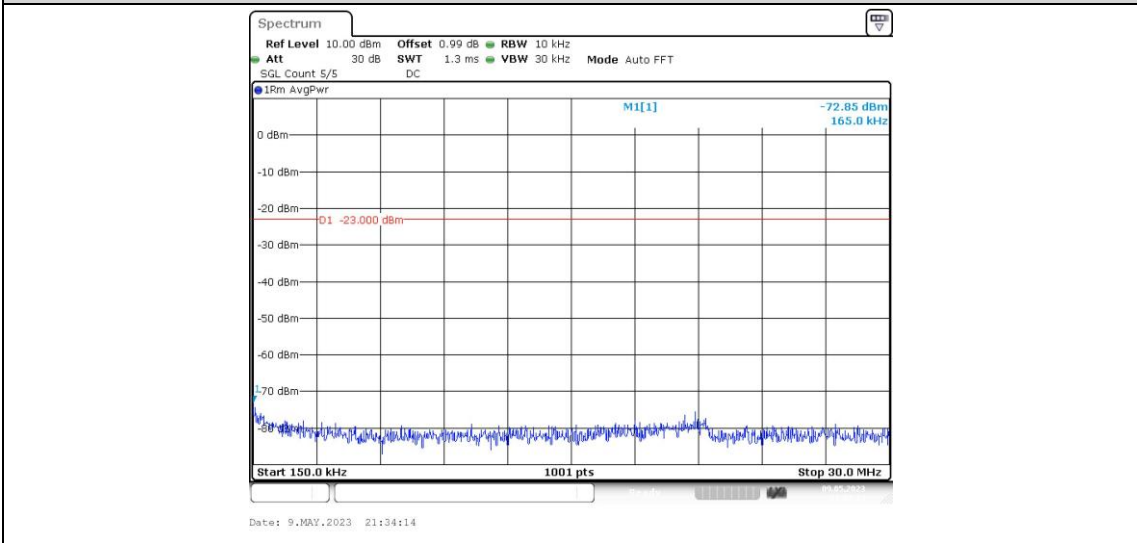
Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz



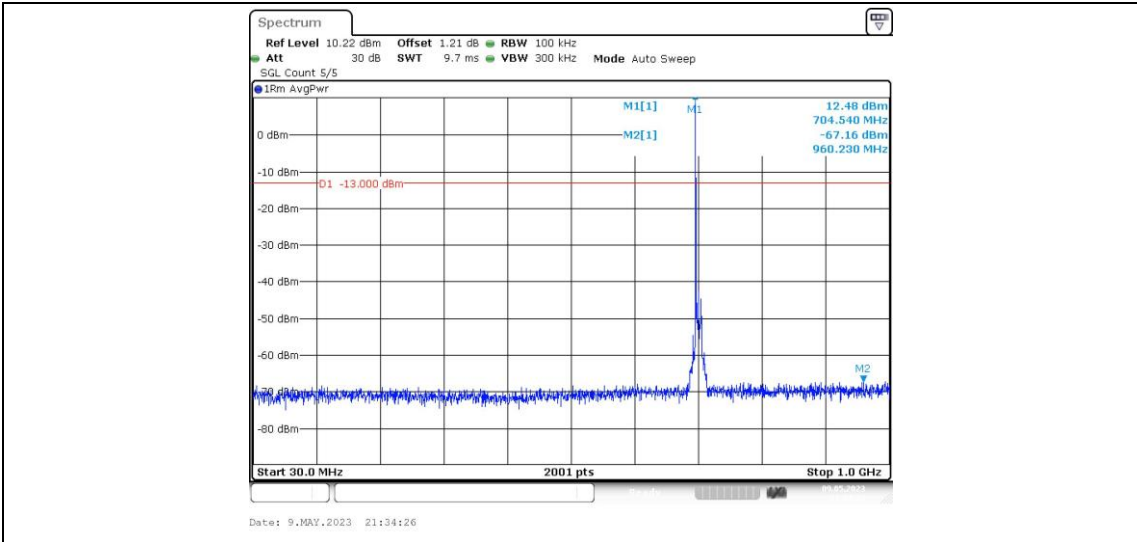
Band17-10MHz-16QAM-23780-1RB#0-Range1:0.009~0.15MHz



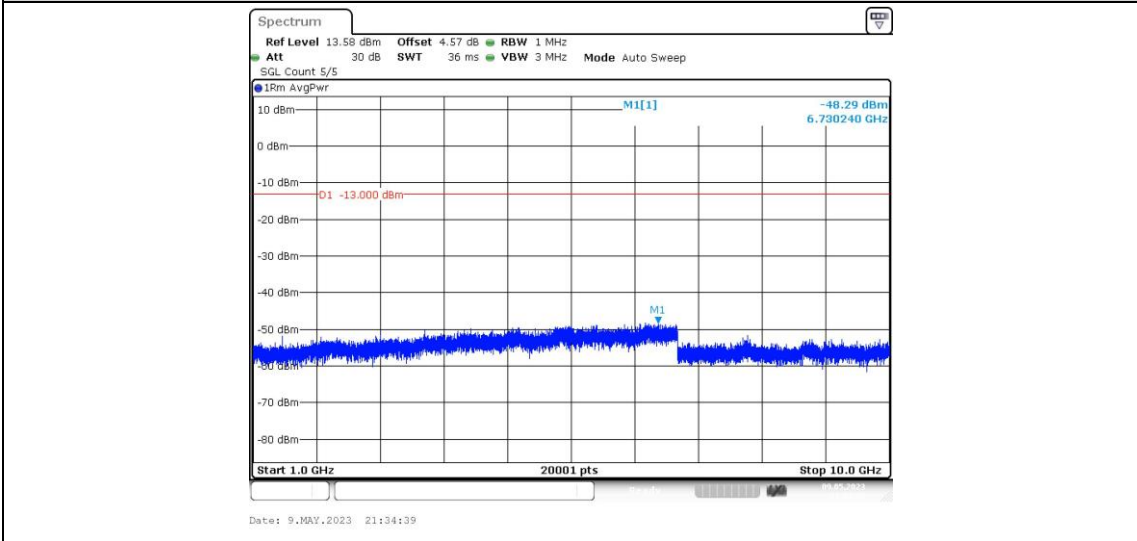
Band17-10MHz-16QAM-23780-1RB#0-Range2:0.15~30MHz



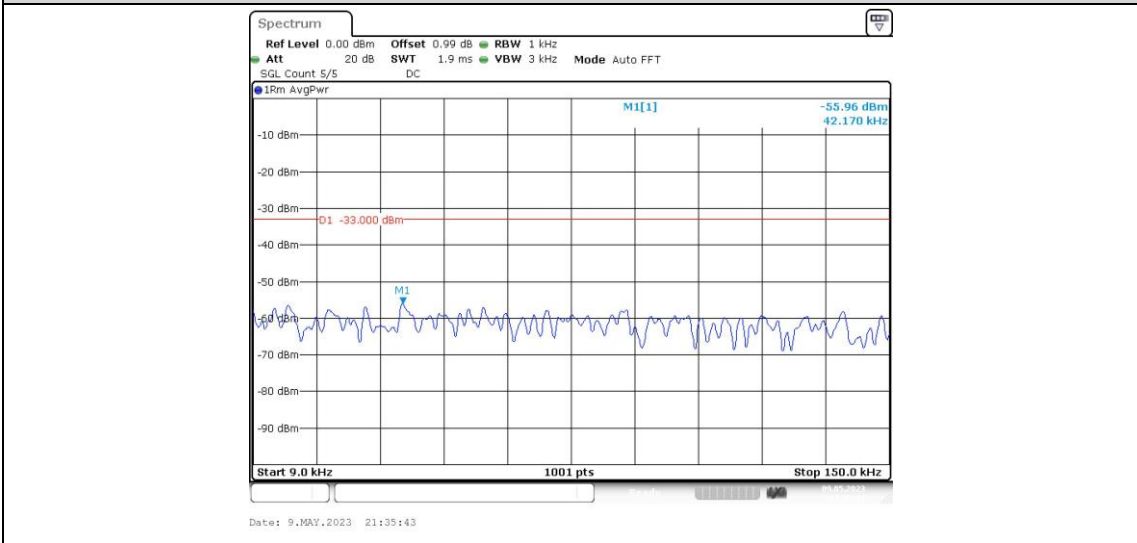
Band17-10MHz-16QAM-23780-1RB#0-Range3:30~1000MHz



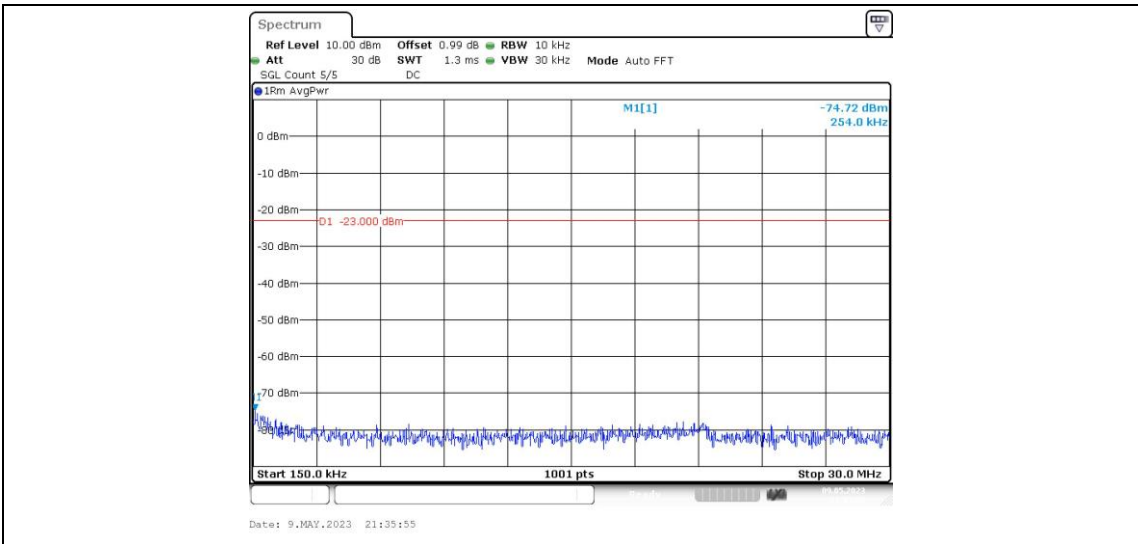
Band17-10MHz-16QAM-23780-1RB#0-Range4:1000~10000MHz



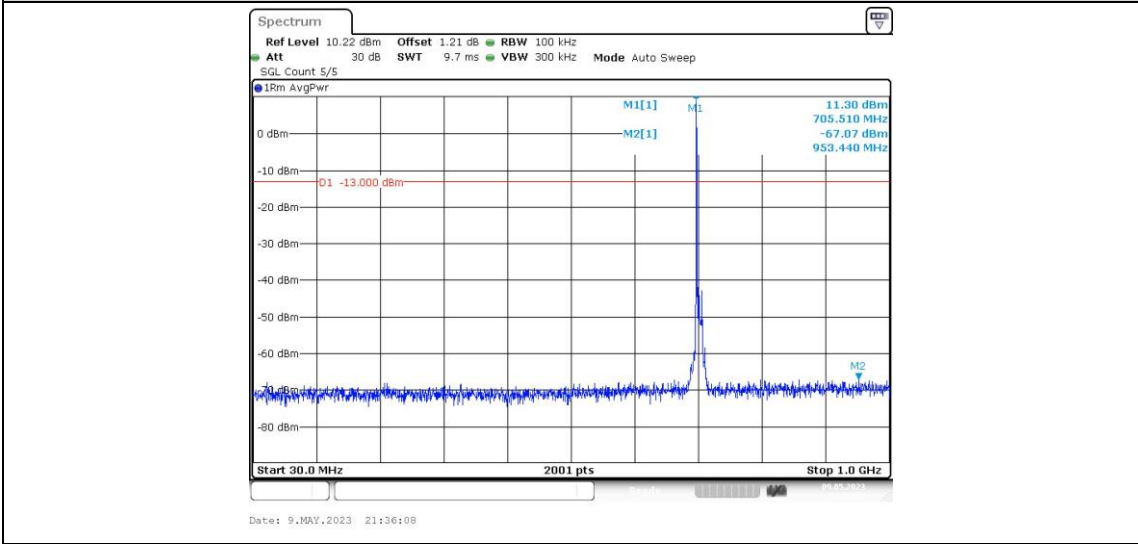
Band17-10MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz



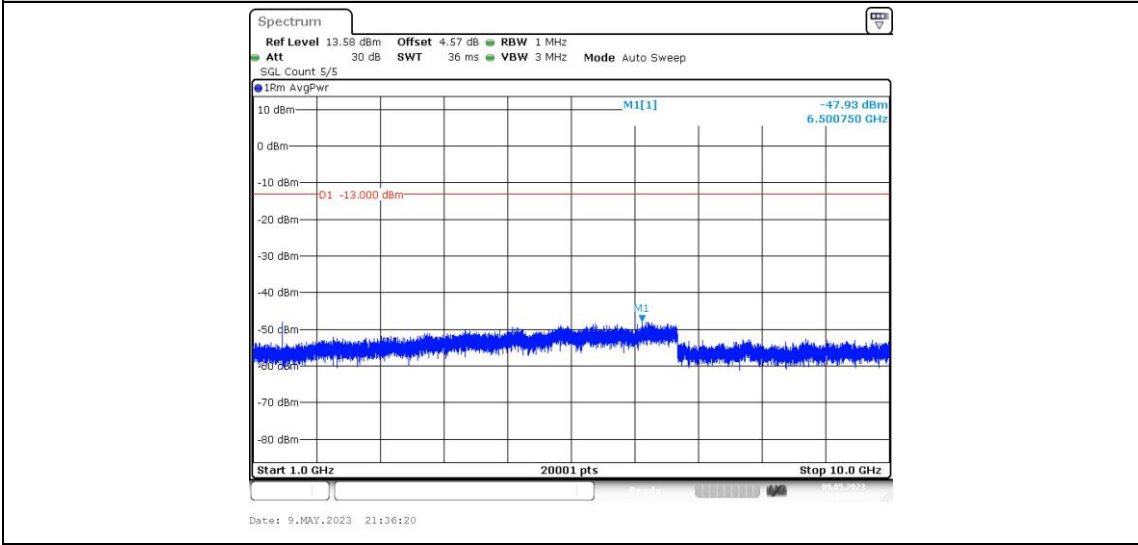
Band17-10MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



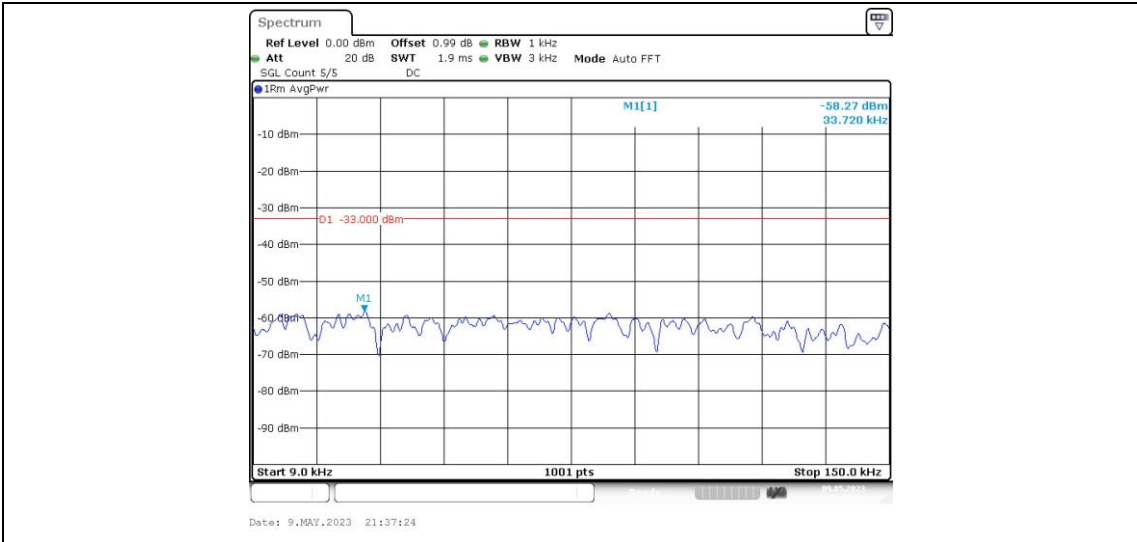
Band17-10MHz-16QAM-23790-1RB#0-Range3:30~1000MHz



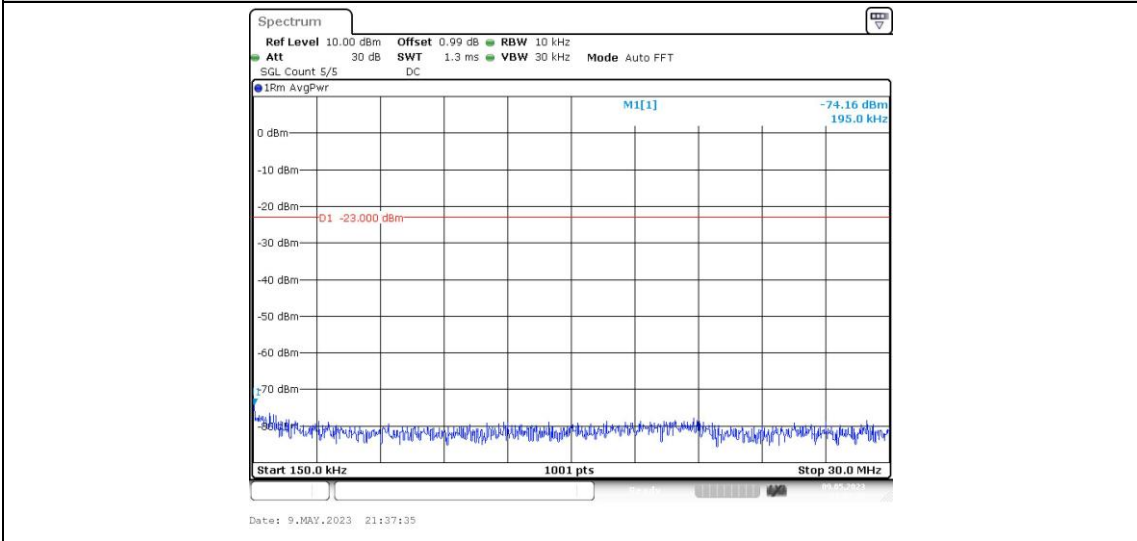
Band17-10MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



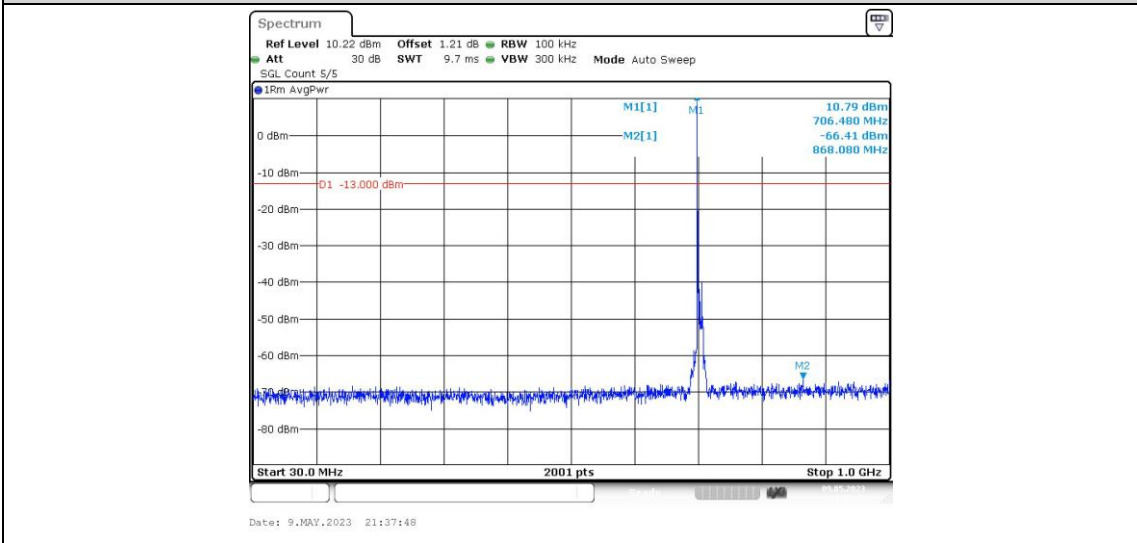
Band17-10MHz-16QAM-23800-1RB#0-Range1:0.009~0.15MHz



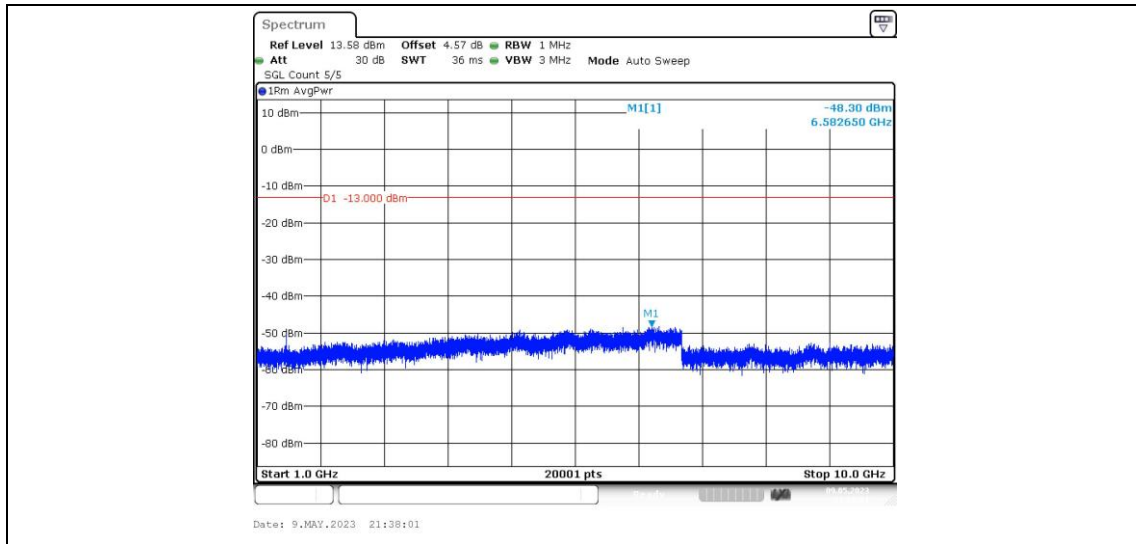
Band17-10MHz-16QAM-23800-1RB#0-Range2:0.15~30MHz



Band17-10MHz-16QAM-23800-1RB#0-Range3:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range4:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1 7	5MHz	QPSK	23755	25RB#0	VL	NT	-5.14	-0.007275	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VN	NT	-5.02	-0.007105	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VH	NT	4.92	0.006964	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VL	NT	-7.67	-0.010803	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VN	NT	4.68	0.006592	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VH	NT	4.53	0.006380	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VL	NT	-6.34	-0.008886	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VN	NT	2.02	0.002831	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VH	NT	-2.33	-0.003266	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VL	NT	-6.78	-0.009597	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VN	NT	4.02	0.005690	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VH	NT	-1.53	-0.002166	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VL	NT	-7.31	-0.010296	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VN	NT	5.97	0.008408	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VH	NT	3.06	0.004310	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VL	NT	-4.52	-0.006335	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VN	NT	-4.15	-0.005816	±2.5	PASS
Band1	5MHz	16QAM	23825	25RB#0	VH	NT	-4.39	-0.006153	±2.5	PASS

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Band1 7	10MHz	QPSK	23780	50RB#0	VL	NT	4.85	0.006841	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VN	NT	-3.63	-0.005120	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VH	NT	-5.24	-0.007391	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VL	NT	5.44	0.007662	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VN	NT	6.75	0.009507	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VH	NT	1.59	0.002239	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VL	NT	11.29	0.015879	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VN	NT	7.68	0.010802	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VH	NT	4.91	0.006906	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VL	NT	2.90	0.004090	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VN	NT	3.96	0.005585	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VH	NT	2.75	0.003879	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VL	NT	-6.01	-0.008465	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VN	NT	3.55	0.005000	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VH	NT	4.03	0.005676	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VL	NT	3.89	0.005471	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VN	NT	5.99	0.008425	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VH	NT	-3.89	-0.005471	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_7	5MHz	QPSK	23755	25RB#0	NV	-30	-5.74	-0.008125	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	-20	1.80	0.002548	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	-10	2.80	0.003963	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	0	-2.30	-0.003255	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	10	3.91	0.005534	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	20	2.49	0.003524	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	30	2.76	0.003907	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	40	-4.33	-0.006129	±2.5	PASS
Band1_7	5MHz	QPSK	23755	25RB#0	NV	50	-3.63	-0.005138	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	-30	-1.50	-0.002113	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	-20	1.20	0.001690	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	-10	-2.89	-0.004070	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	0	-6.31	-0.008887	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	10	5.34	0.007521	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	20	5.59	0.007873	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	30	3.69	0.005197	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	40	4.15	0.005845	±2.5	PASS
Band1_7	5MHz	QPSK	23790	25RB#0	NV	50	4.45	0.006268	±2.5	PASS
Band1_7	5MHz	QPSK	23825	25RB#0	NV	-30	-2.15	-0.003013	±2.5	PASS

Band1 7	5MHz	QPSK	23825	25RB#0	NV	-20	-5.51	-0.007722	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-10	-4.78	-0.006699	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	0	4.69	0.006573	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	10	-4.05	-0.005676	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	20	-4.09	-0.005732	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	30	3.00	0.004205	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	40	-3.59	-0.005032	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	50	-2.50	-0.003504	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-30	7.11	0.010064	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-20	-8.74	-0.012371	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-10	-4.58	-0.006483	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	0	2.88	0.004076	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	10	-3.48	-0.004926	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	20	-5.54	-0.007841	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	30	2.98	0.004218	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	40	5.92	0.008379	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	50	4.92	0.006964	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-30	-3.62	-0.005099	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-20	-5.51	-0.007761	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-10	2.37	0.003338	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	0	5.05	0.007113	±2.5	PASS

Band1 7	5MHz	16QAM	23790	25RB#0	NV	10	-8.01	-0.011282	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	20	-2.96	-0.004169	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	30	-3.69	-0.005197	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	40	-6.09	-0.008577	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	50	4.39	0.006183	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-30	-1.56	-0.002186	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-20	-6.52	-0.009138	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-10	4.61	0.006461	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	0	4.19	0.005872	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	10	-7.22	-0.010119	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	20	1.30	0.001822	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	30	-5.61	-0.007863	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	40	-1.73	-0.002425	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	50	-2.66	-0.003728	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-30	-3.39	-0.004781	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-20	7.54	0.010635	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-10	5.88	0.008293	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	0	7.47	0.010536	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	10	3.86	0.005444	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	20	7.14	0.010071	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	30	2.33	0.003286	±2.5	PASS

Band1 7	10MHz	QPSK	23780	50RB#0	NV	40	-1.32	-0.001862	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	50	-8.03	-0.011326	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-30	-4.11	-0.005789	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-20	-7.75	-0.010915	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-10	-8.30	-0.011690	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	0	-2.70	-0.003803	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	10	-5.69	-0.008014	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	20	1.36	0.001915	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	30	-3.88	-0.005465	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	40	1.85	0.002606	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	50	-2.49	-0.003507	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-30	1.70	0.002391	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-20	-6.24	-0.008776	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-10	1.42	0.001997	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	0	4.01	0.005640	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	10	-1.53	-0.002152	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	20	-4.99	-0.007018	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	30	-1.26	-0.001772	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	40	5.69	0.008003	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	50	4.76	0.006695	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-30	-4.23	-0.005966	±2.5	PASS

Band1 7	10MHz	16QAM	23780	50RB#0	NV	-20	5.01	0.007066	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-10	-3.75	-0.005289	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	0	7.20	0.010155	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	10	4.95	0.006982	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	20	4.86	0.006855	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	30	2.29	0.003230	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	40	-3.00	-0.004231	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	50	2.06	0.002906	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-30	1.82	0.002563	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-20	-6.27	-0.008831	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-10	6.82	0.009606	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	0	1.32	0.001859	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	10	-4.62	-0.006507	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	20	8.11	0.011423	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	30	3.38	0.004761	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	40	-2.99	-0.004211	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	50	-9.44	-0.013296	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-30	5.26	0.007398	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-20	3.29	0.004627	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-10	-5.22	-0.007342	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	0	-6.21	-0.008734	±2.5	PASS

Band1 7	10MHz	16QAM	23800	50RB#0	NV	10	-1.54	-0.002166	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	20	4.62	0.006498	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	30	2.47	0.003474	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	40	-1.85	-0.002602	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	50	-6.68	-0.009395	±2.5	PASS