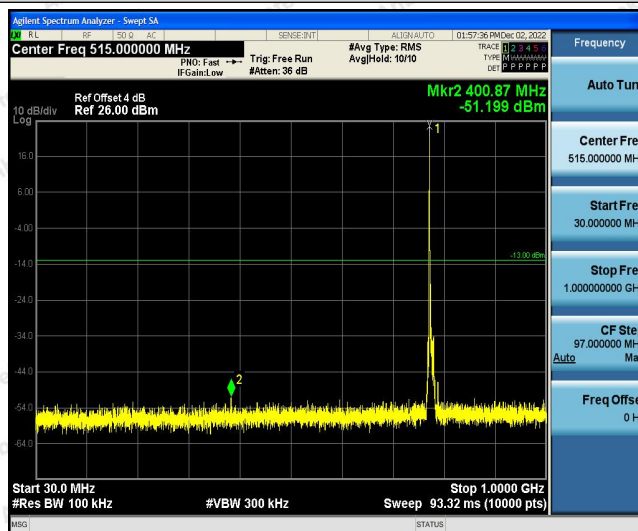
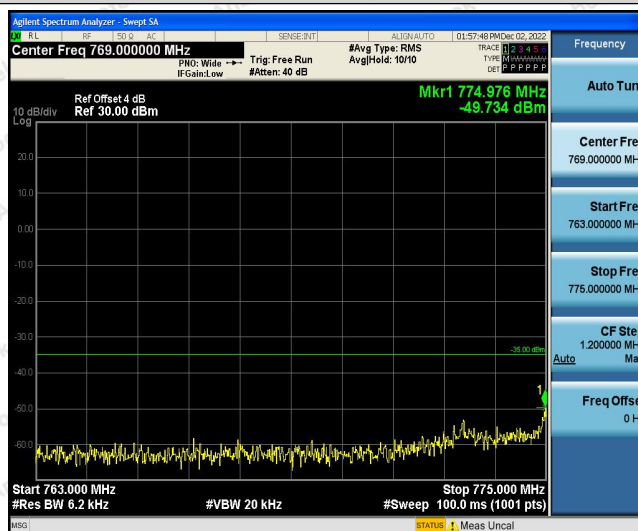


Test Graphs

Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz

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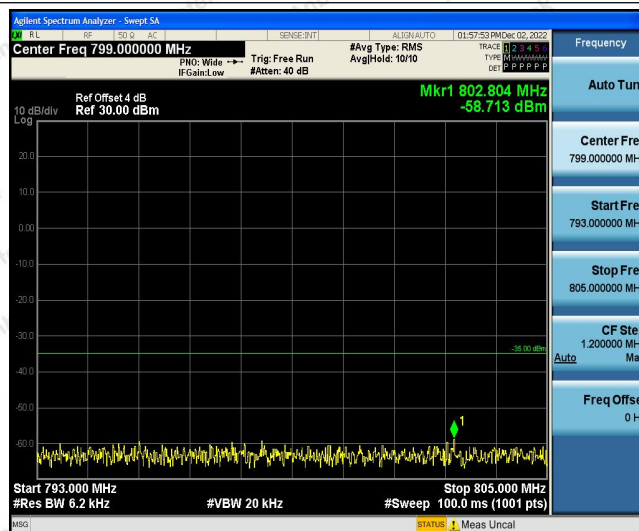
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



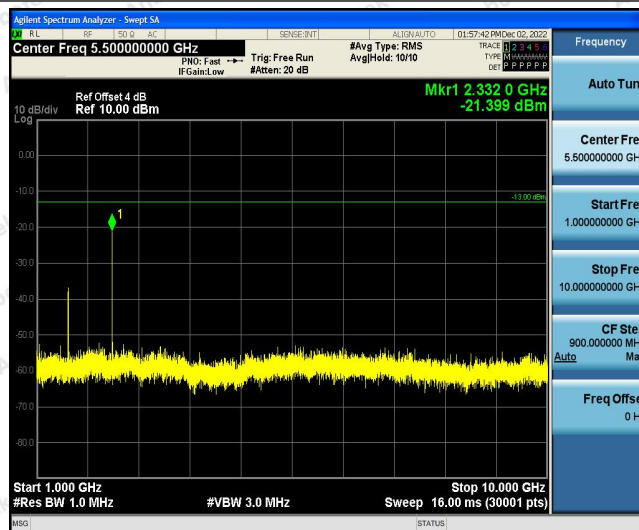
Hotline

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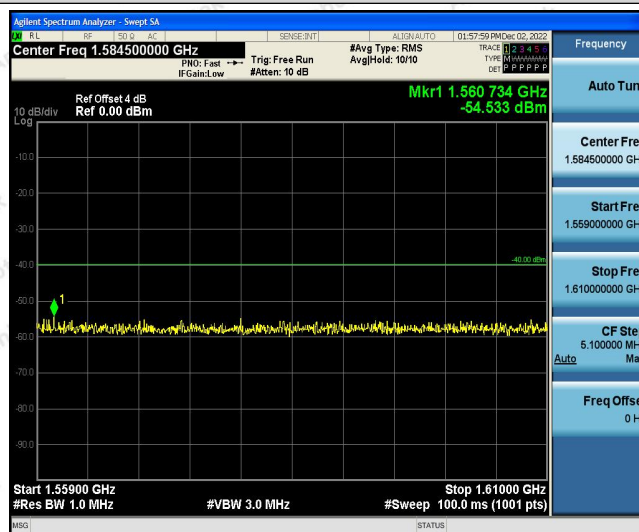
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Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz

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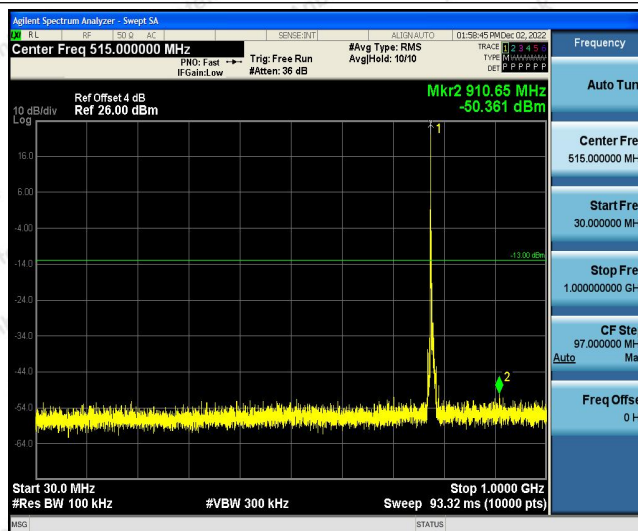
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



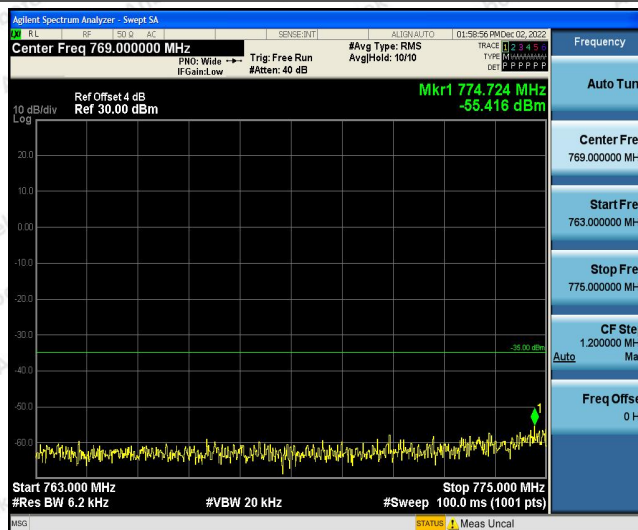
Hotline

400-003-0500

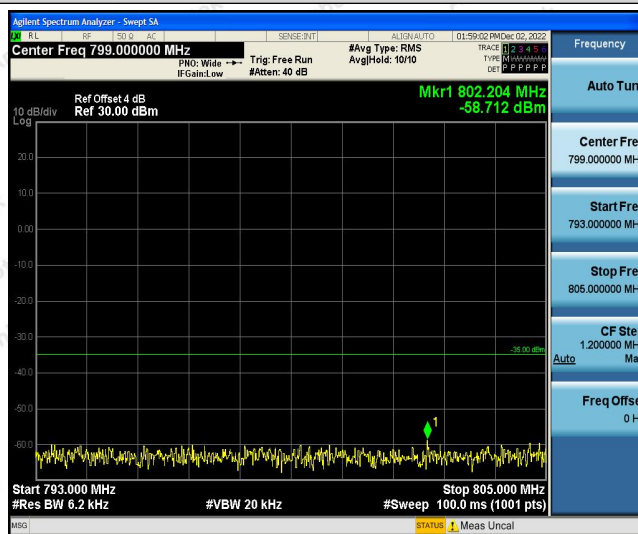
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Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz

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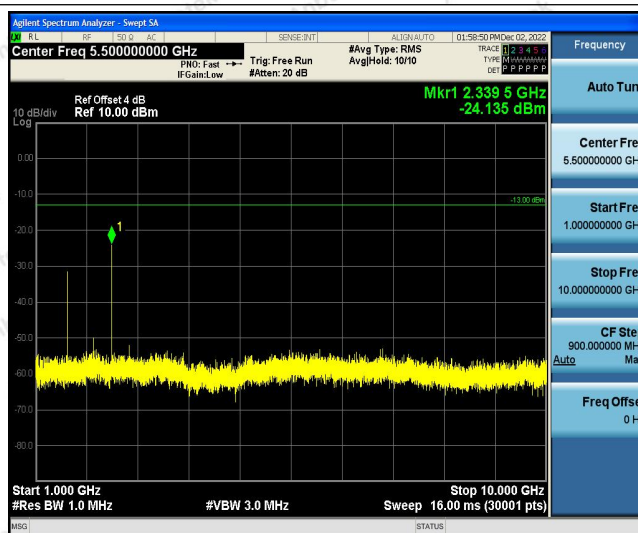
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



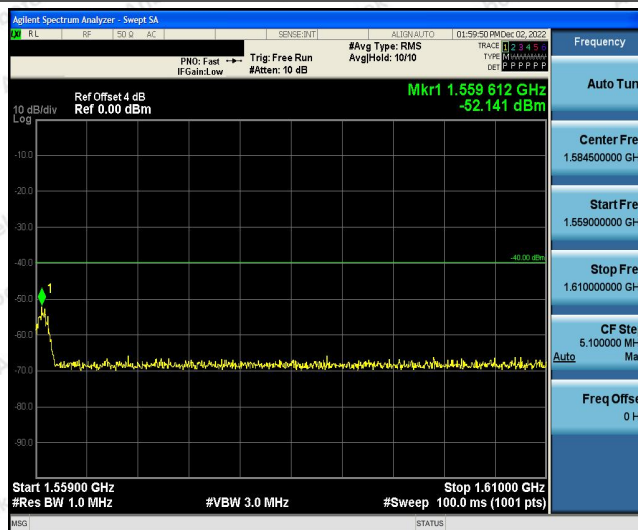
Hotline

400-003-0500

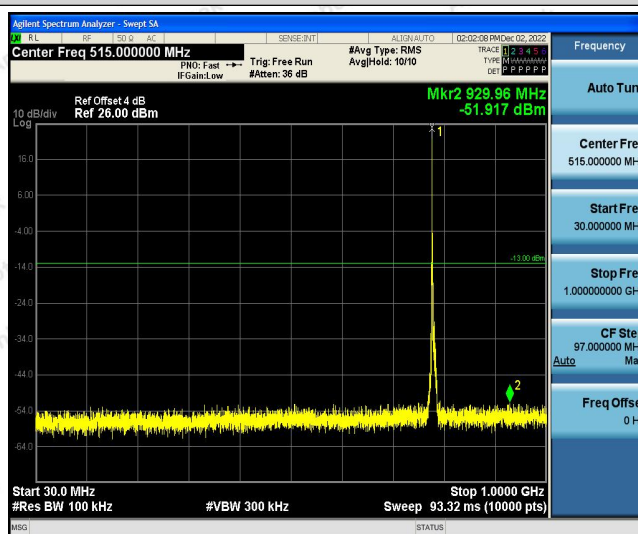
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Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz

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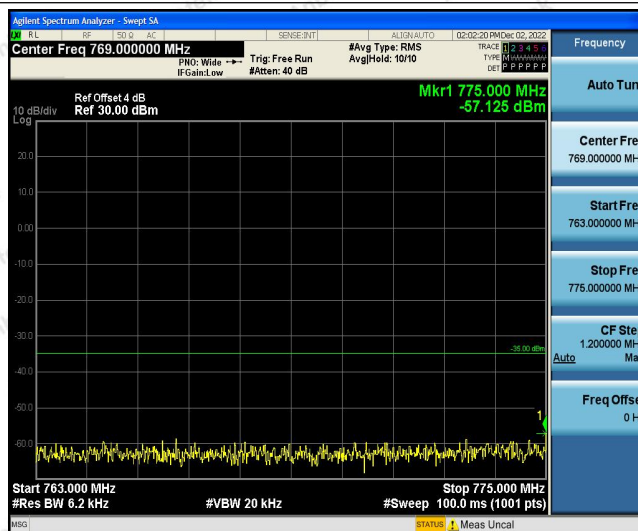
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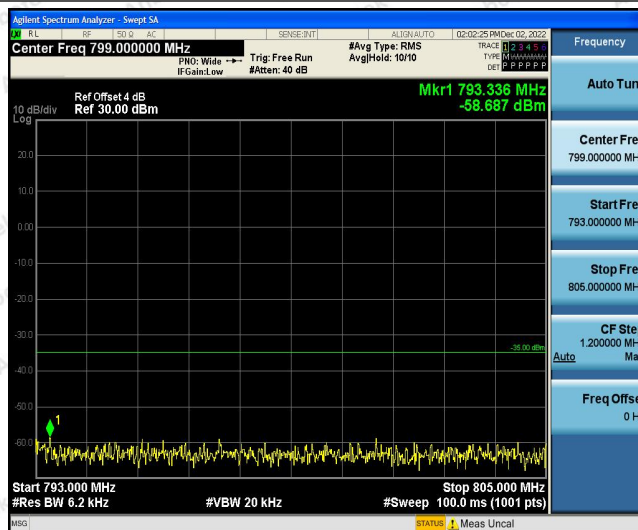
Hotline

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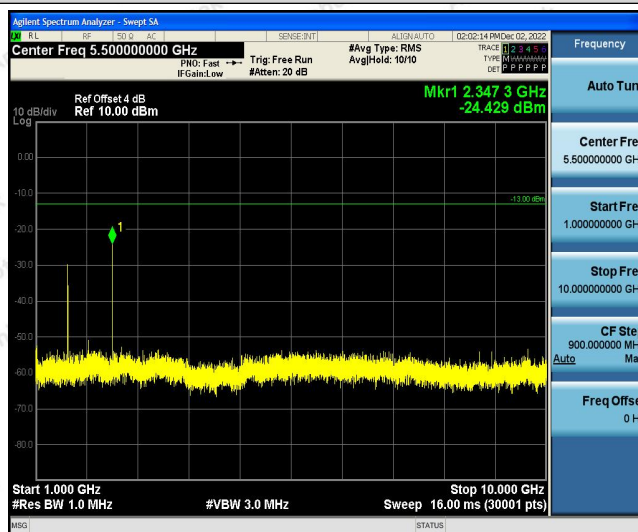
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Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz

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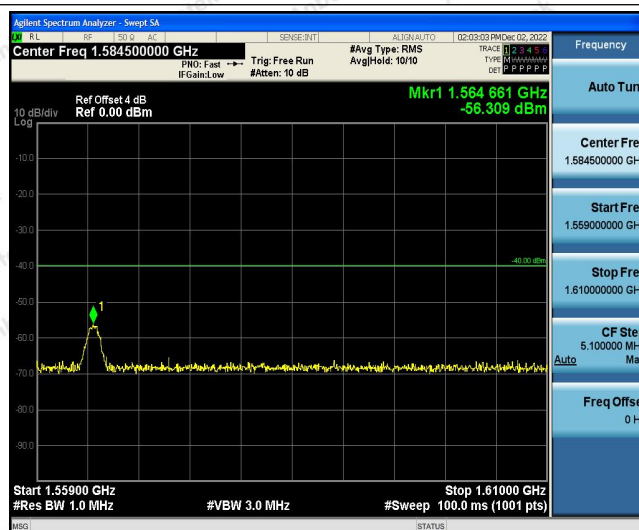
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



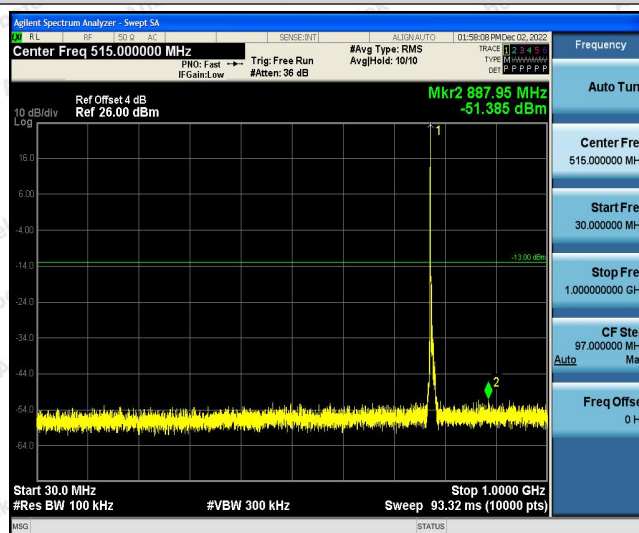
Hotline

400-003-0500

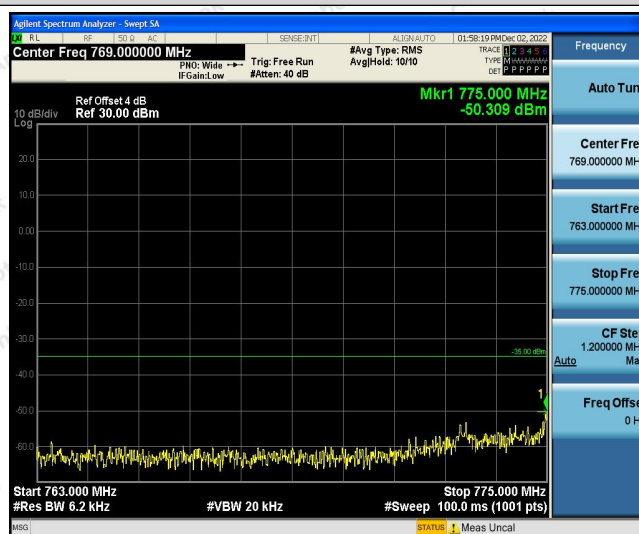
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Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz

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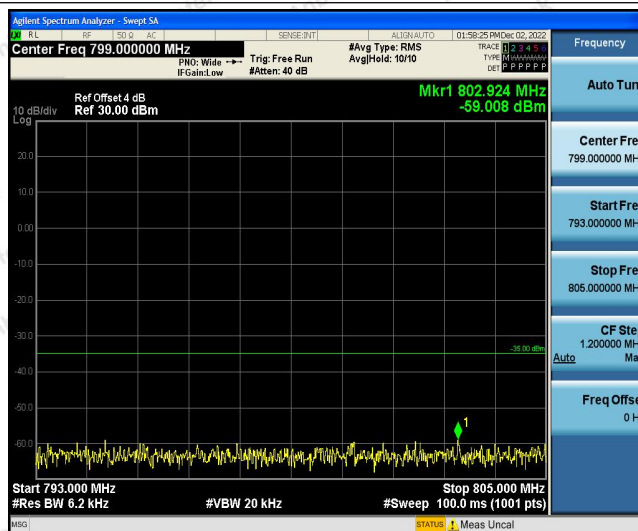
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



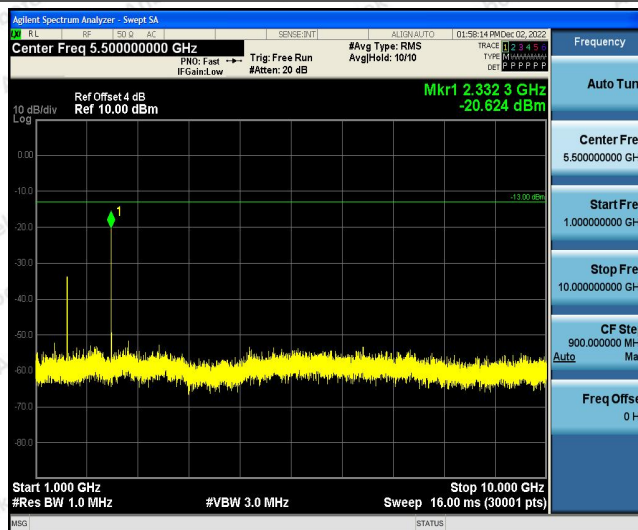
Hotline

400-003-0500

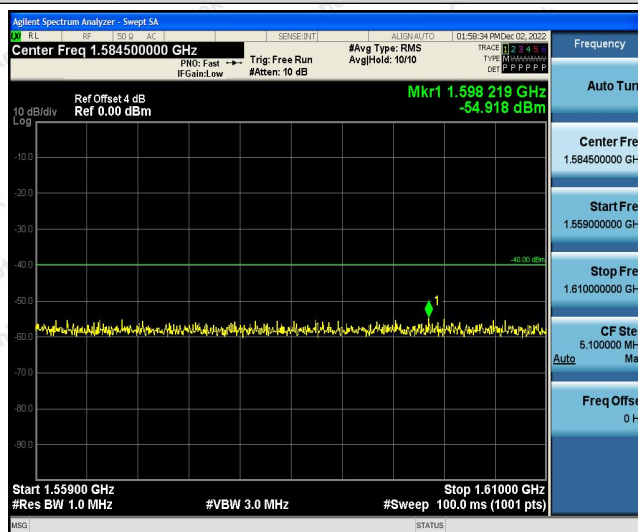
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Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz



Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz

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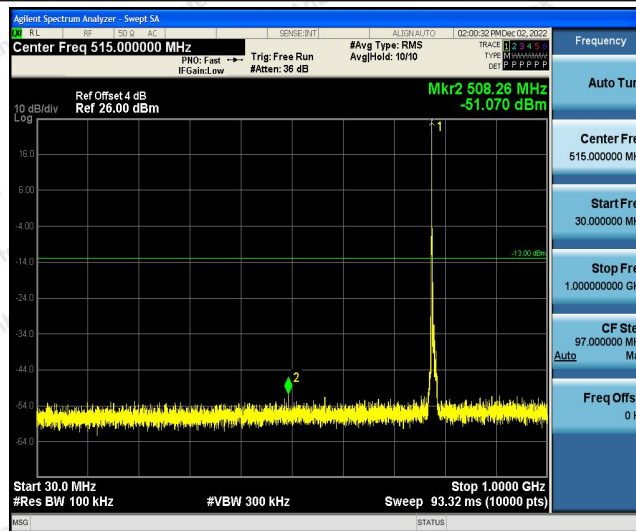
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



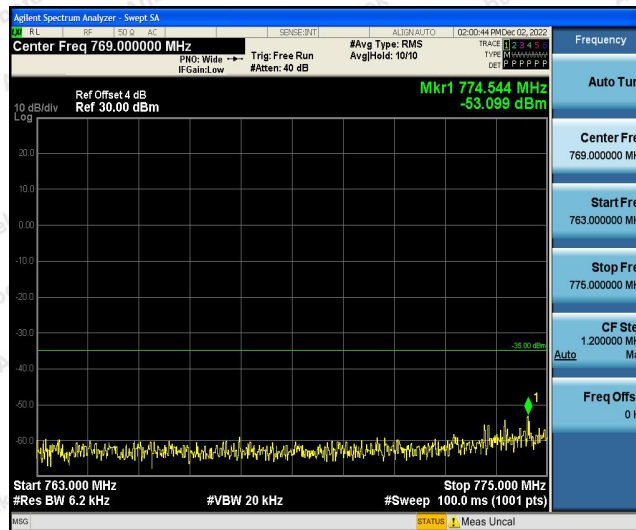
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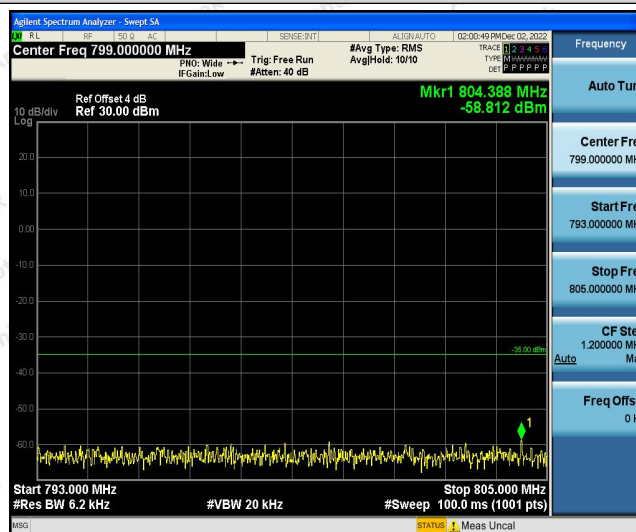
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Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz



Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz

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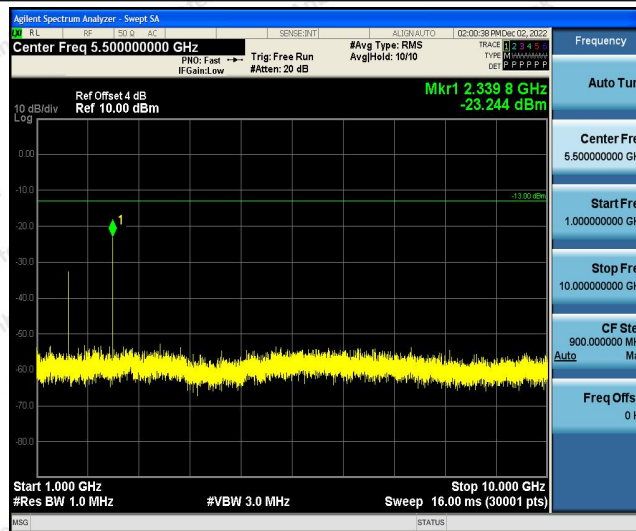
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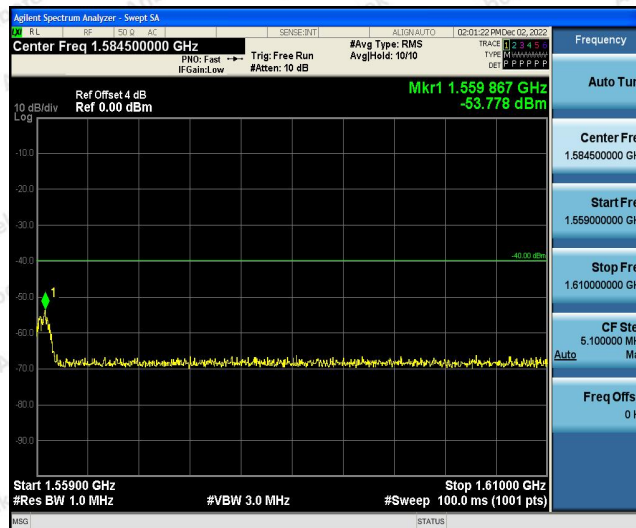
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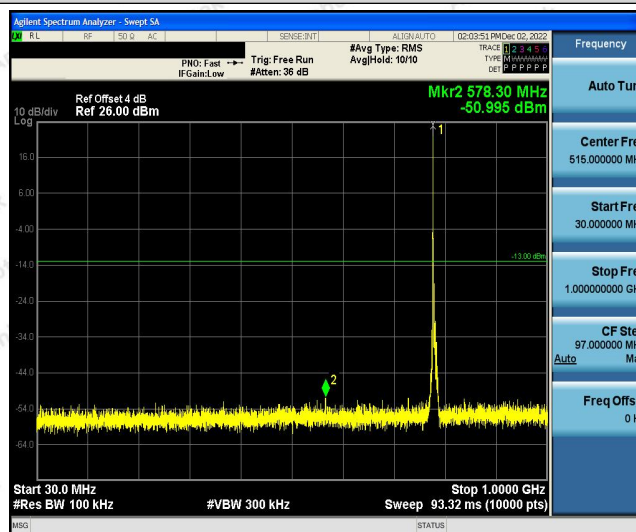
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Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz

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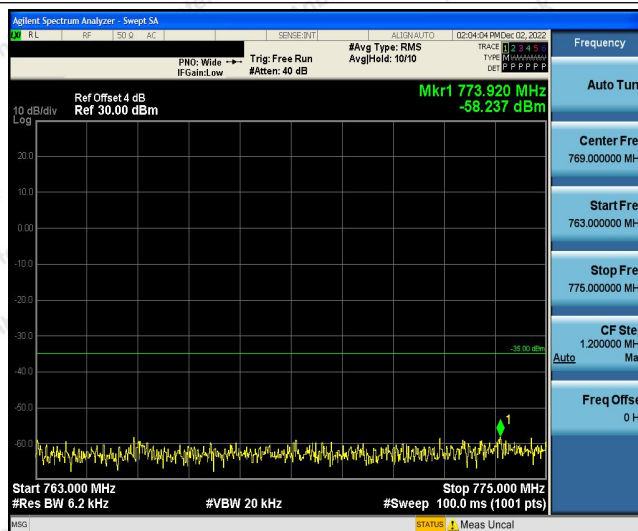
Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com



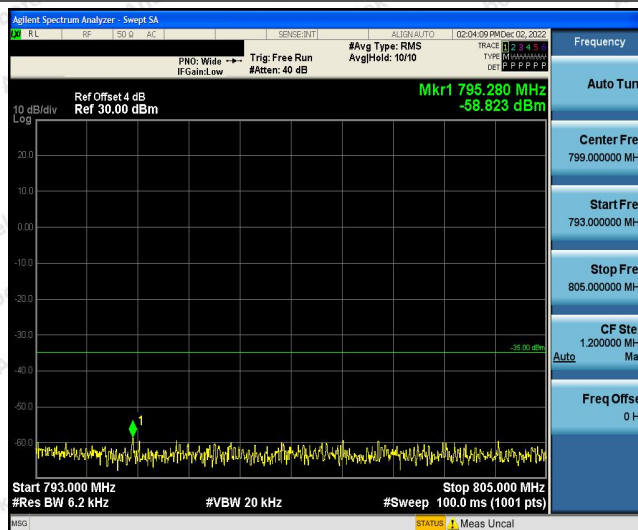
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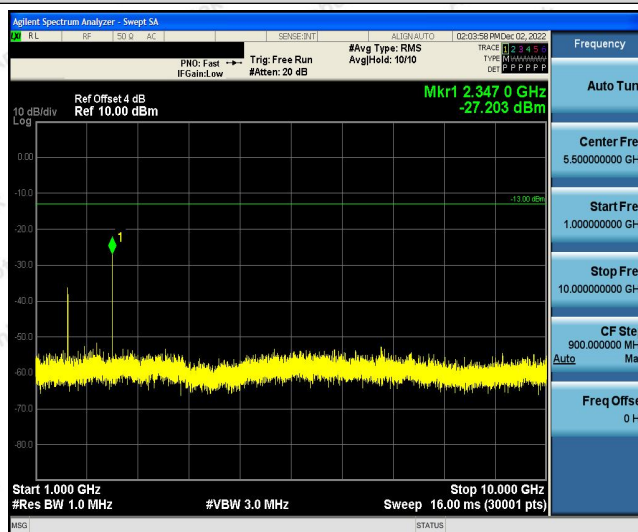
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Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz

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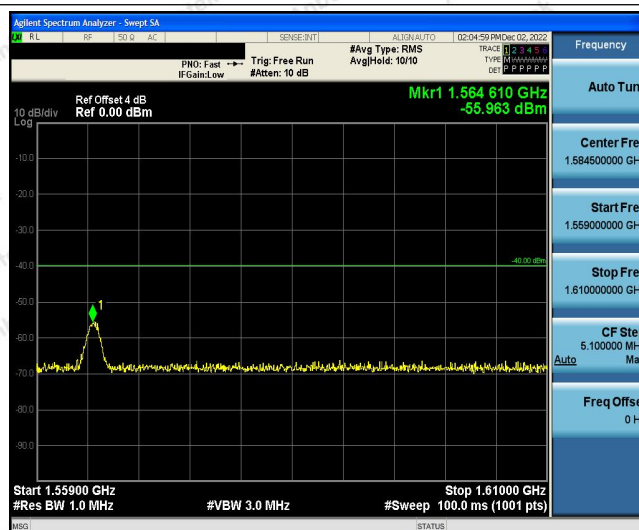
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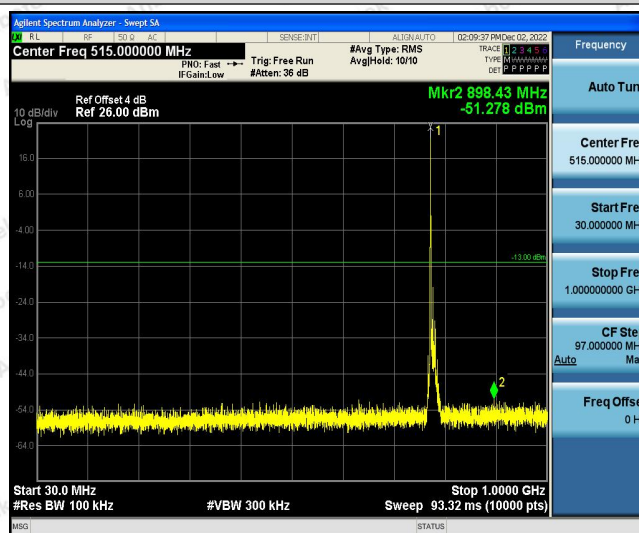
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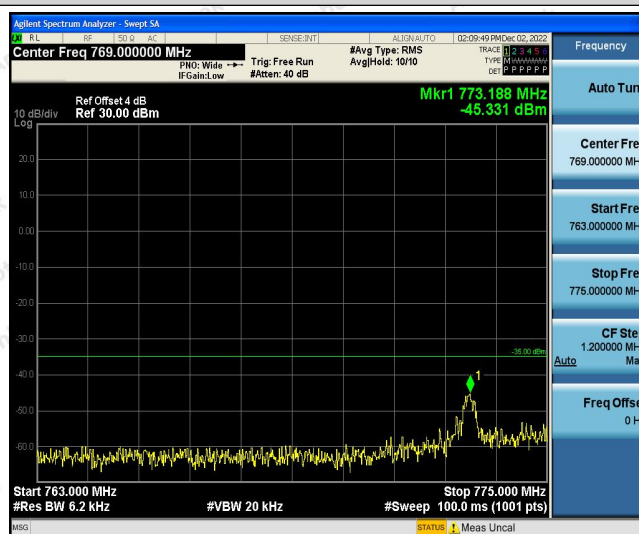
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Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz

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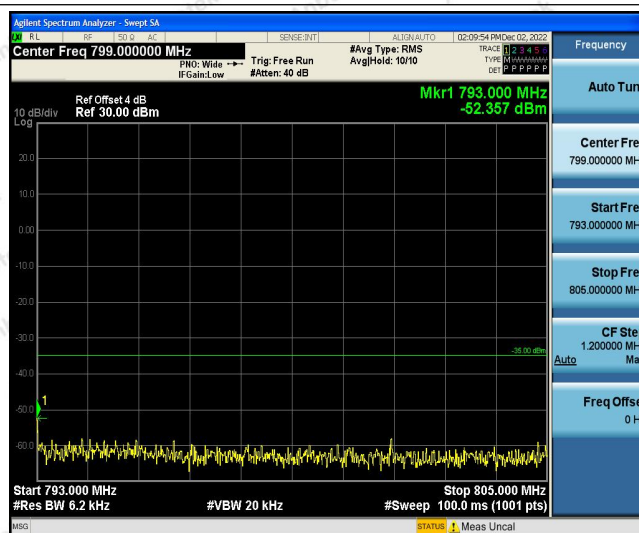
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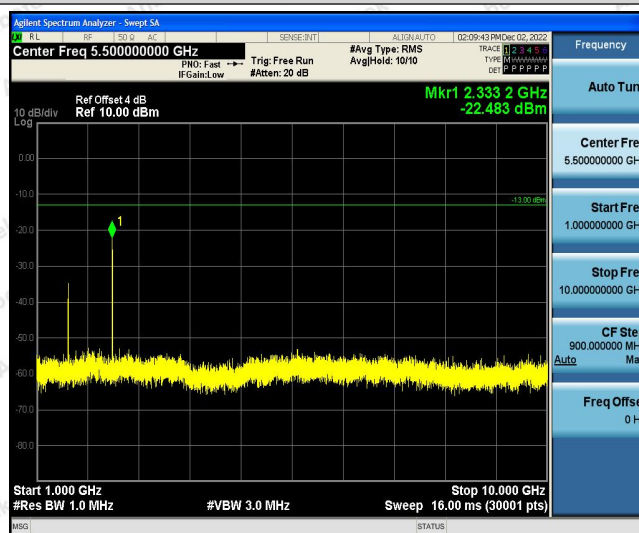
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Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



Band13-10MHz-16QAM-23230-1RB#0-Range1:30~1000MHz

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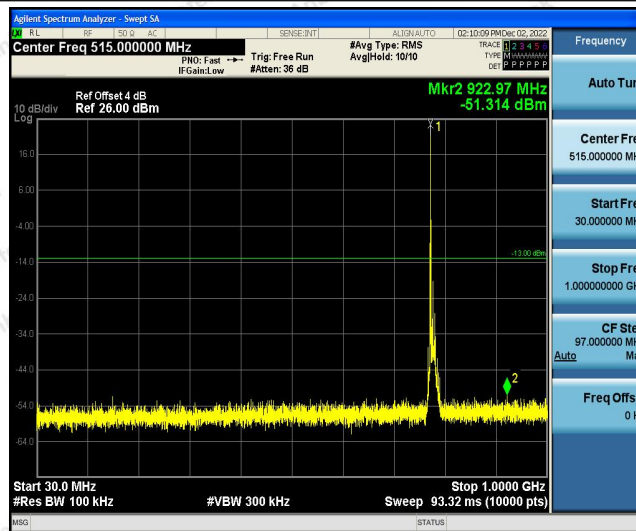
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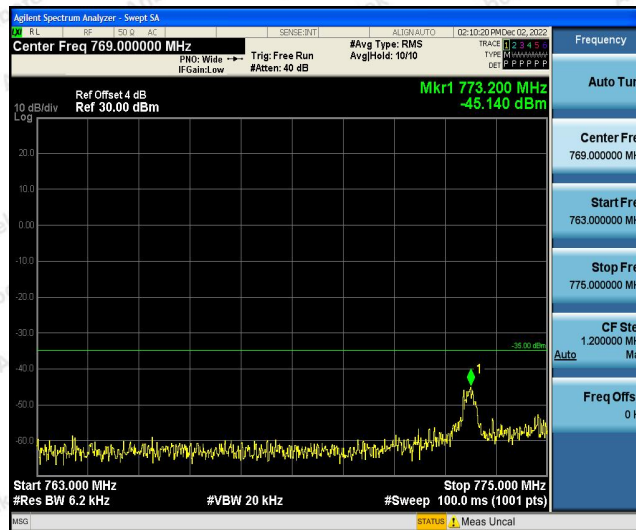
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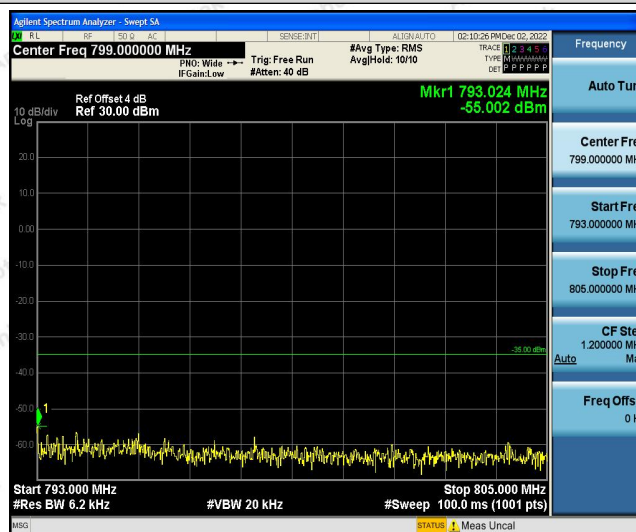
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Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz



Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz

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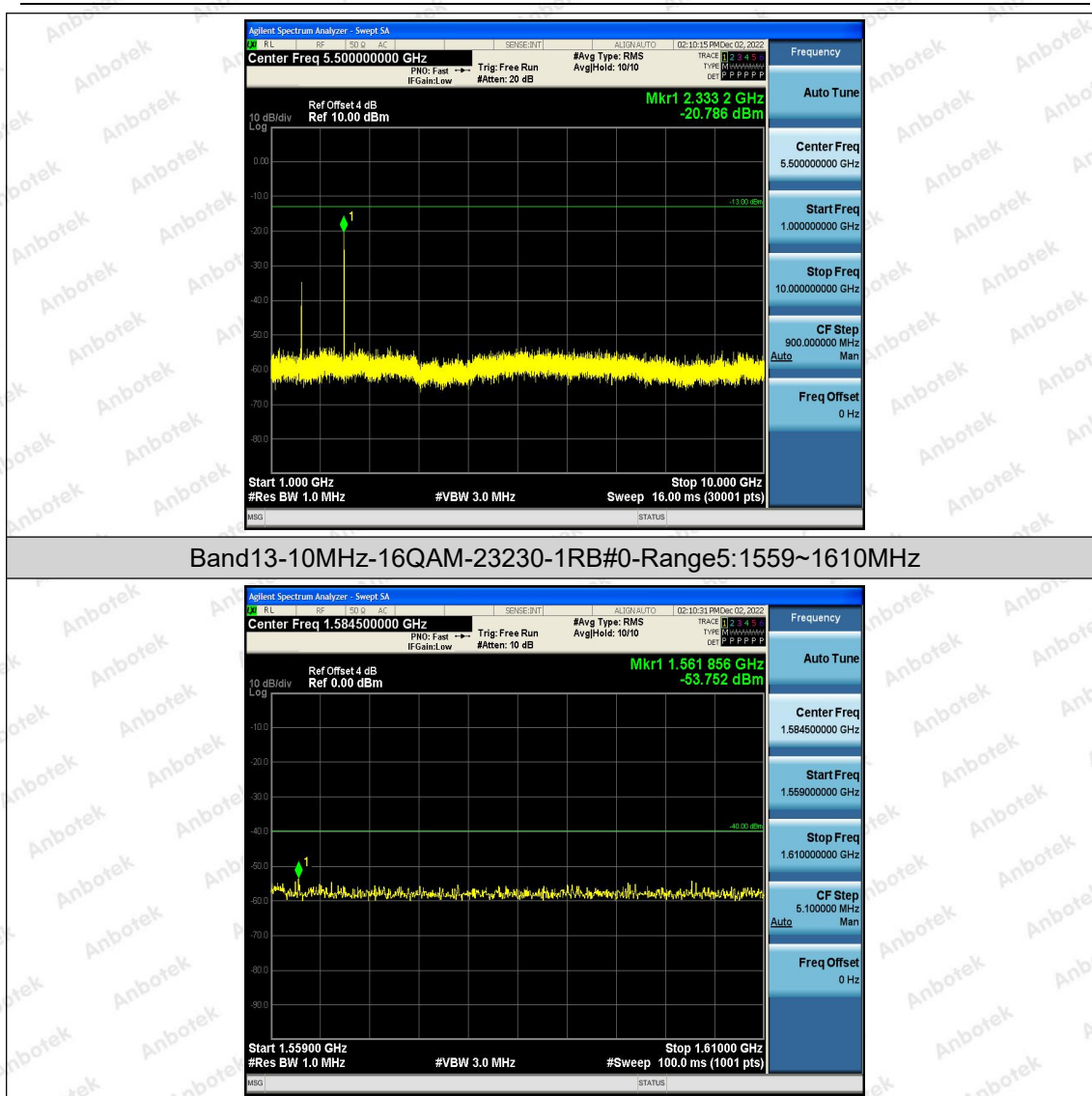
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Band13-10MHz-16QAM-23230-1RB#0-Range5: 1559~1610MHz

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Appendix F: Frequency stability VS Voltage measurement

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	5MHz	QPSK	23205	25RB#0	VL	NT	-14.06	-0.018037	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	VN	NT	-11.19	-0.014355	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	VH	NT	-13.69	-0.017563	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	VL	NT	-7.78	-0.009949	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	VN	NT	-6.98	-0.008926	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	VH	NT	-6.35	-0.008120	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	VL	NT	-7.84	-0.009994	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	VN	NT	3.56	0.004538	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	VH	NT	-13.52	-0.017234	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	VL	NT	-4.05	-0.005196	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	VN	NT	-11.97	-0.015356	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	VH	NT	-5.36	-0.006876	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	VL	NT	-1.23	-0.001573	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	VN	NT	-10.00	-0.012788	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	VH	NT	-14.35	-0.018350	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	VL	NT	-11.07	-0.014111	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	VN	NT	-10.96	-0.013971	±2.5	PASS
Band1	5MHz	16QAM	23255	25RB#0	VH	NT	-13.06	-0.016648	±2.5	PASS

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3										
Band1 3	10MHz	QPSK	23230	50RB#0	VL	NT	-6.45	-0.008248	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VN	NT	-9.81	-0.012545	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VH	NT	-7.15	-0.009143	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VL	NT	-8.58	-0.010972	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	-8.14	-0.010409	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	-3.72	-0.004757	±2.5	PASS

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Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-30	-10.89	-0.013970	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-20	-3.83	-0.004913	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	0	-4.22	-0.005414	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	10	-9.88	-0.012675	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	20	-8.13	-0.010430	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-30	-9.91	-0.012673	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-20	-2.69	-0.003440	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	0	-10.37	-0.013261	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	10	-13.62	-0.017417	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	20	-6.65	-0.008504	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-30	-9.20	-0.011727	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-20	-7.48	-0.009535	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	0	-12.15	-0.015488	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	10	-11.42	-0.014557	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	20	-13.19	-0.016813	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-30	-11.33	-0.014535	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	-1.87	-0.002399	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	-8.27	-0.010609	±2.5	PASS

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3										
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	-13.10	-0.016806	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	-11.87	-0.015228	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	-8.96	-0.011458	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	-14.55	-0.018606	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	-10.67	-0.013645	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	10	-5.25	-0.006714	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	-4.92	-0.006292	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	-12.83	-0.016354	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	-2.79	-0.003556	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	-10.84	-0.013818	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	-14.41	-0.018368	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	-15.85	-0.020204	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-10.96	-0.014015	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-10.84	-0.013862	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-8.41	-0.010754	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-11.37	-0.014540	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	-8.53	-0.010908	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	-10.66	-0.013632	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	1.62	0.002072	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	-12.99	-0.016611	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-10.03	-0.012826	±2.5	PASS

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Band1	10MHz	16QAM	23230	50RB#0	NV	20	-13.00	-0.016624	±2.5	PASS
3										

---End---

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