



Band14-10MHz-QPSK-23330-50RB#0

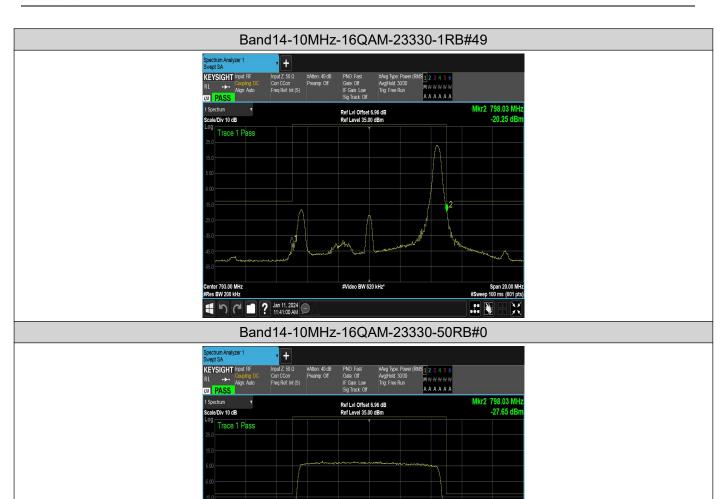


Band14-10MHz-16QAM-23330-1RB#0



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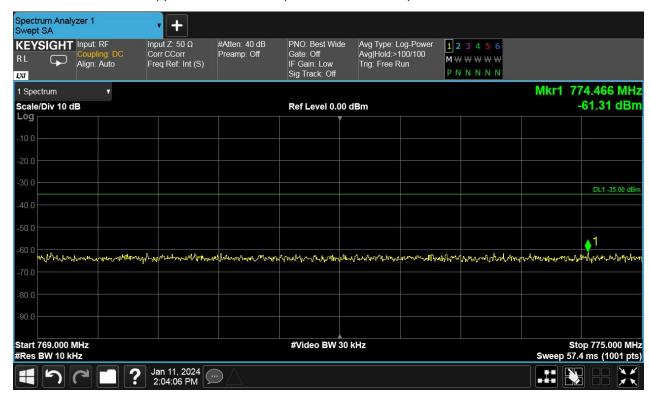


#Video BW 620 kHz*

? Jan 11, 2024 ____



Upper Emission Mask(769 MHz ~775MHz)-QPSK-25RB#0



Upper Emission Mask(769 MHz ~775MHz)-16QAM-25RB#0



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Upper Emission Mask(799 MHz ~805MHz)-QPSK-25RB#0



Upper Emission Mask(799 MHz ~805MHz)-16QAM-25RB#0





Appendix E: Conducted Spurious Emission

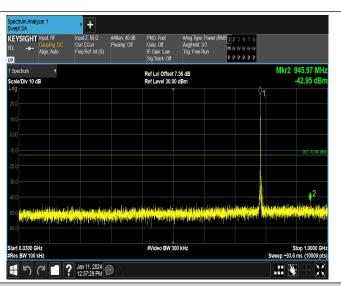
Test Result

Б.	5 I : W	Modulation	Channel	RB	Frequency	Result	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Band	Bandwidth			Configuration	Range	(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	Range1:30~1000MHz	-42.95	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range2:1000~10000MHz	-38.91	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range3:1559~1610MHz	-63.31	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range1:30~1000MHz	-43.39	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range2:1000~10000MHz	-38.89	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range3:1559~1610MHz	-63.06	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range1:30~1000MHz	-44.24	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range2:1000~10000MHz	-37.91	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range3:1559~1610MHz	-63.53	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range1:30~1000MHz	-43.03	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range2:1000~10000MHz	-37.92	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range3:1559~1610MHz	-63.56	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range1:30~1000MHz	-43.88	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range2:1000~10000MHz	-38.65	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range3:1559~1610MHz	-63.42	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range1:30~1000MHz	-43.92	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range2:1000~10000MHz	-39.01	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range3:1559~1610MHz	-66.89	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range1:30~1000MHz	-44.02	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range2:1000~10000MHz	-38.33	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range3:1559~1610MHz	-63.27	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range1:30~1000MHz	-43.45	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range2:1000~10000MHz	-37.32	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range3:1559~1610MHz	-62.46	PASS

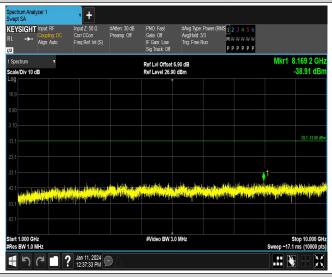
Test Graphs

Band14-5MHz-QPSK-23305-1RB#0-Range1:30~1000MHz





Band14-5MHz-QPSK-23305-1RB#0-Range2:1000~10000MHz

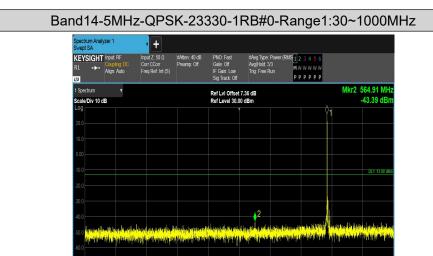


Band14-5MHz-QPSK-23305-1RB#0-Range3:1559~1610MHz



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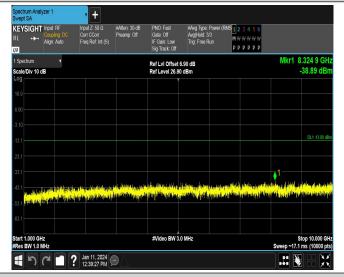




Band14-5MHz-QPSK-23330-1RB#0-Range2:1000~10000MHz

11, 2024 PM

#Video BW 300 kHz

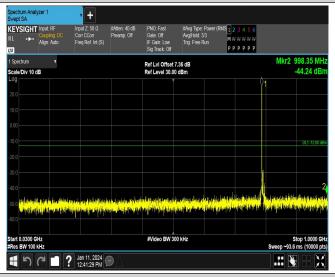


Band14-5MHz-QPSK-23330-1RB#0-Range3:1559~1610MHz

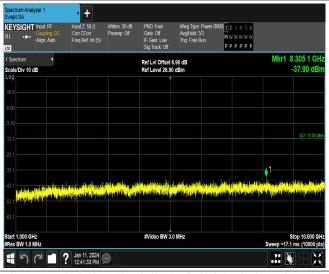




Band14-5MHz-QPSK-23355-1RB#0-Range1:30~1000MHz



Band14-5MHz-QPSK-23355-1RB#0-Range2:1000~10000MHz



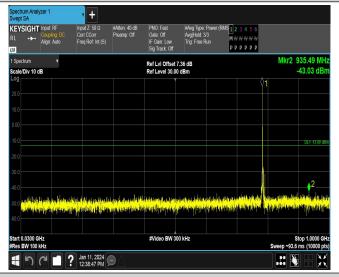
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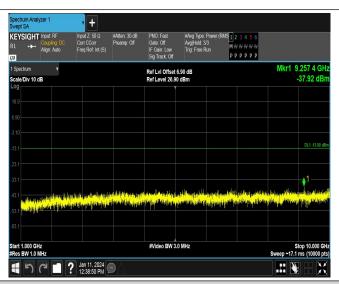


Band14-5MHz-16QAM-23305-1RB#0-Range1:30~1000MHz

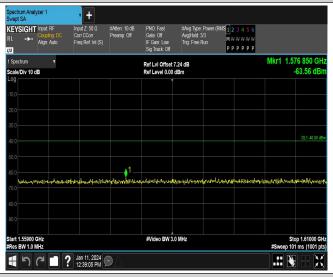


Band14-5MHz-16QAM-23305-1RB#0-Range2:1000~10000MHz

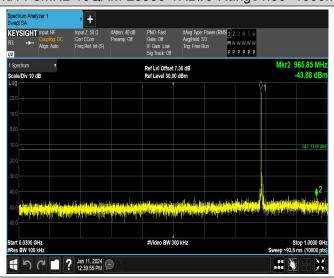




Band14-5MHz-16QAM-23305-1RB#0-Range3:1559~1610MHz

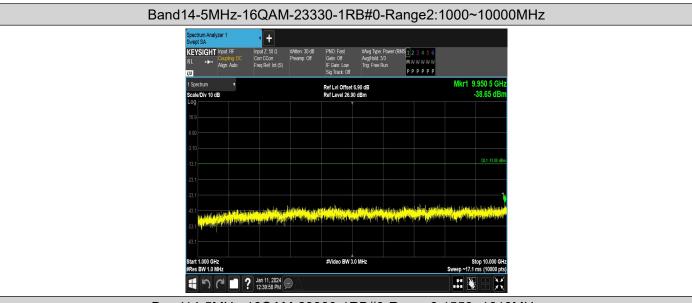


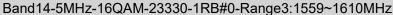
Band14-5MHz-16QAM-23330-1RB#0-Range1:30~1000MHz

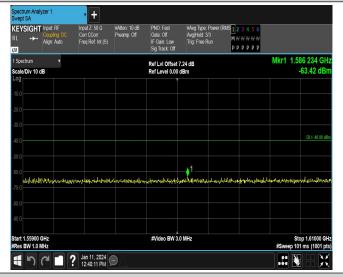


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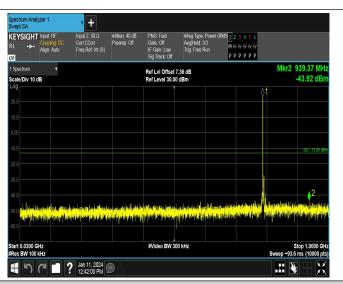




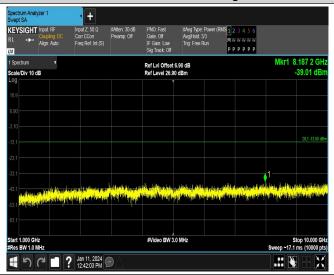


Band14-5MHz-16QAM-23355-1RB#0-Range1:30~1000MHz

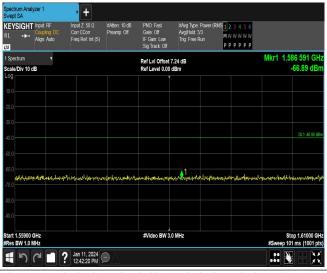




Band14-5MHz-16QAM-23355-1RB#0-Range2:1000~10000MHz

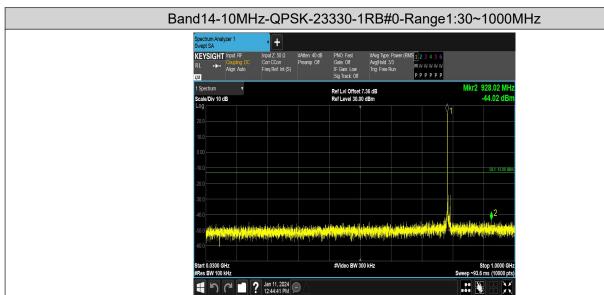


Band14-5MHz-16QAM-23355-1RB#0-Range3:1559~1610MHz

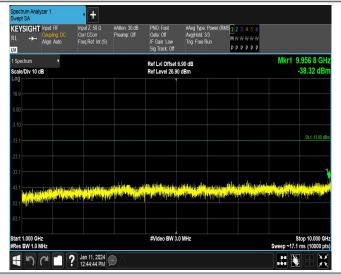


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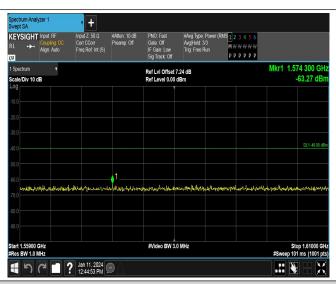


Band14-10MHz-QPSK-23330-1RB#0-Range2:1000~10000MHz

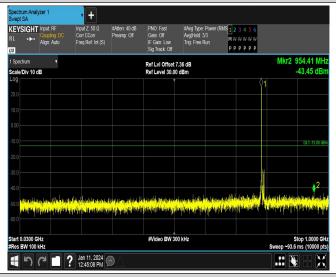


Band14-10MHz-QPSK-23330-1RB#0-Range3:1559~1610MHz

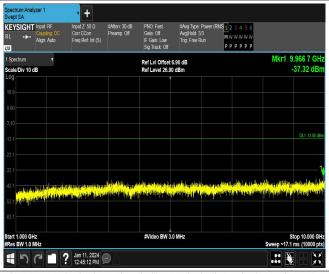




Band14-10MHz-16QAM-23330-1RB#0-Range1:30~1000MHz

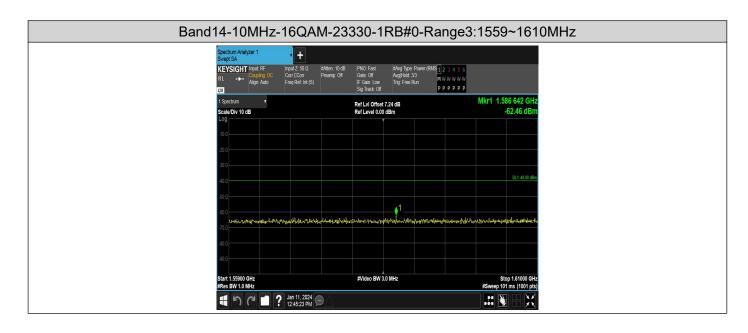


Band14-10MHz-16QAM-23330-1RB#0-Range2:1000~10000MHz



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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°ℂ)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	VL	NT	-2.92	-0.003694	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	VN	NT	-3.59	-0.004541	±2.5	PASS
Band14	5MHz	QPSK	23305	25RB#0	VH	NT	-3.10	-0.003922	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	VL	NT	-2.26	-0.002850	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	VN	NT	-3.69	-0.004653	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	VH	NT	-2.16	-0.002724	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VL	NT	-2.15	-0.002703	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VN	NT	-2.33	-0.002929	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	VH	NT	3.08	0.003872	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	VL	NT	1.44	0.001822	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	VN	NT	-3.59	-0.004541	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	VH	NT	-4.26	-0.005389	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	VL	NT	3.32	0.004187	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	VN	NT	-2.19	-0.002762	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	VH	NT	-2.30	-0.002900	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	VL	NT	-2.96	-0.003721	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	VN	NT	-1.80	-0.002263	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	VH	NT	2.83	0.003558	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VL	NT	-3.85	-0.004855	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VN	NT	-1.54	-0.001942	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	VH	NT	-2.52	-0.003178	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	VL	NT	2.02	0.002547	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	VN	NT	4.09	0.005158	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	VH	NT	-1.69	-0.002131	±2.5	PASS

Temperature											
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°ℂ)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
Band14	5MHz	QPSK	23305	25RB#0	NV	-30	-3.42	-0.004326	±2.5	PASS	
Band14	5MHz	QPSK	23305	25RB#0	NV	-20	-3.20	-0.004048	±2.5	PASS	
Band14	5MHz	QPSK	23305	25RB#0	NV	0	-3.89	-0.004921	±2.5	PASS	
Band14	5MHz	QPSK	23305	25RB#0	NV	10	-2.17	-0.002745	±2.5	PASS	
Band14	5MHz	QPSK	23305	25RB#0	NV	20	-2.60	-0.003289	±2.5	PASS	

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Band14	5MHz	QPSK	23330	25RB#0	NV	-30	1.99	0.002509	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	-20	2.72	0.003430	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	0	-2.69	-0.003392	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	10	-2.56	-0.003228	±2.5	PASS
Band14	5MHz	QPSK	23330	25RB#0	NV	20	1.63	0.002055	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-30	-2.39	-0.003004	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	-20	3.18	0.003997	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	0	-3.09	-0.003884	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	10	-1.66	-0.002087	±2.5	PASS
Band14	5MHz	QPSK	23355	25RB#0	NV	20	1.75	0.002200	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	-30	-3.10	-0.003922	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	-20	-2.68	-0.003390	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	0	-3.09	-0.003909	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	10	-2.37	-0.002998	±2.5	PASS
Band14	5MHz	16QAM	23305	25RB#0	NV	20	-3.79	-0.004794	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	-30	-1.67	-0.002106	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	-20	-3.63	-0.004578	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	0	-3.68	-0.004641	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	10	-3.89	-0.004905	±2.5	PASS
Band14	5MHz	16QAM	23330	25RB#0	NV	20	-3.09	-0.003897	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	-30	2.99	0.003759	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	-20	2.43	0.003055	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	0	3.19	0.004010	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	10	2.76	0.003470	±2.5	PASS
Band14	5MHz	16QAM	23355	25RB#0	NV	20	-3.08	-0.003872	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-30	2.39	0.003014	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	-20	2.22	0.002799	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	0	2.76	0.003480	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	10	2.27	0.002863	±2.5	PASS
Band14	10MHz	QPSK	23330	50RB#0	NV	20	-3.36	-0.004237	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	-30	4.01	0.005057	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	-20	2.20	0.002774	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	0	-2.22	-0.002799	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	10	1.65	0.002081	±2.5	PASS
Band14	10MHz	16QAM	23330	50RB#0	NV	20	2.19	0.002762	±2.5	PASS