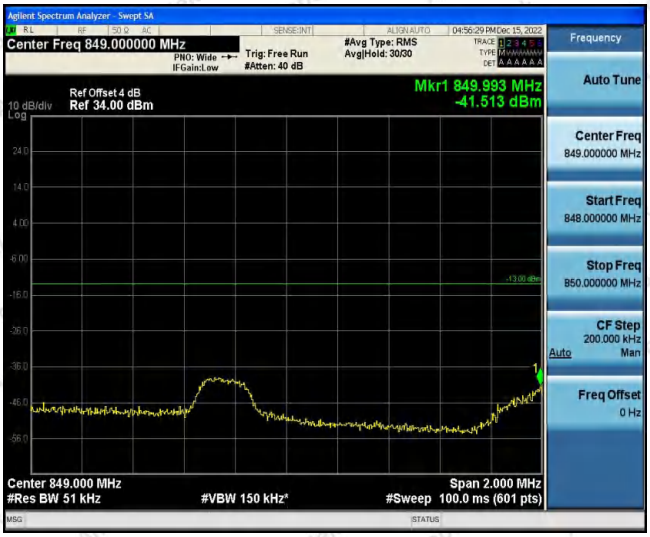
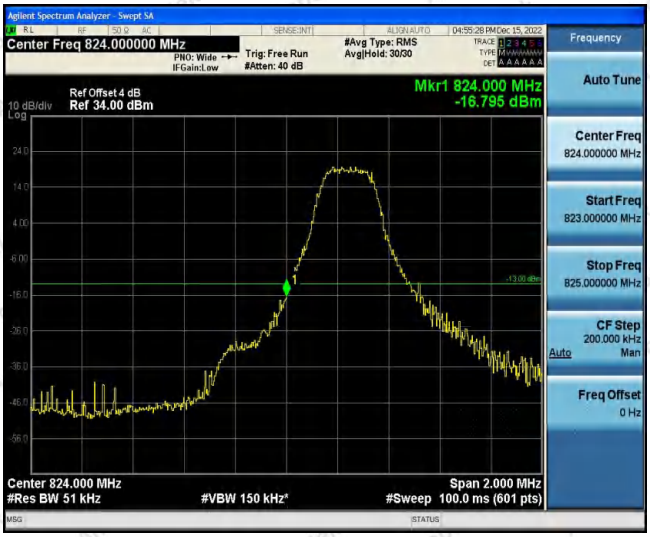
Band5-3MHz-QPSK-20635-1RB#0



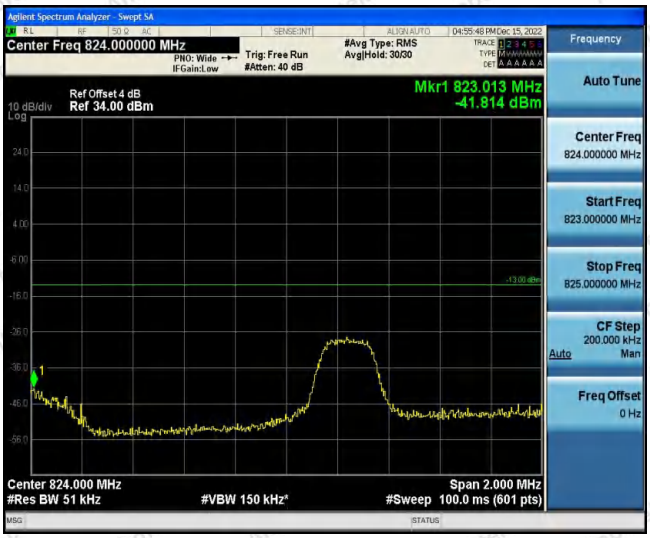
Band5-3MHz-QPSK-20635-1RB#14

Band5-3MHz-QPSK-20635-15RB#0

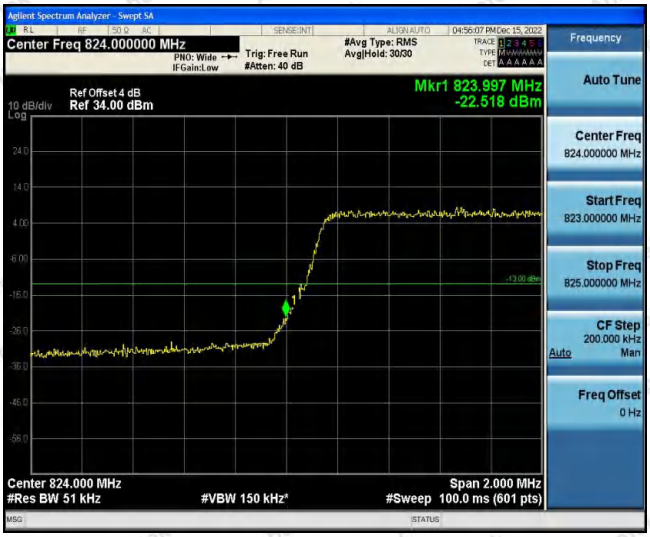
Band5-3MHz-16QAM-20415-1RB#0



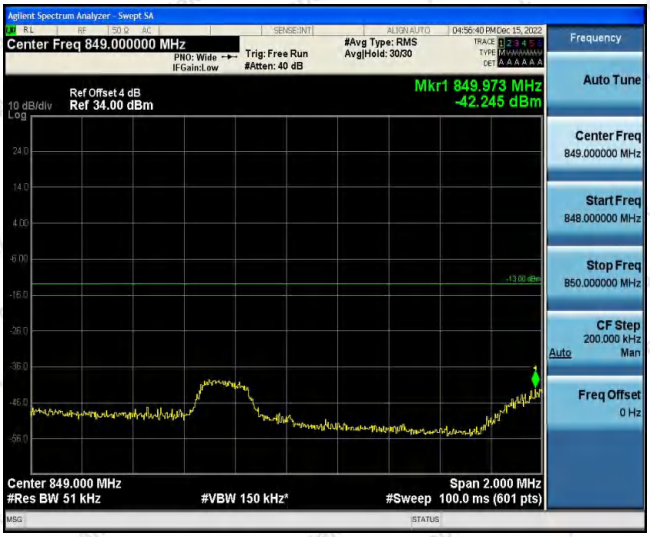
Band5-3MHz-16QAM-20415-1RB#14



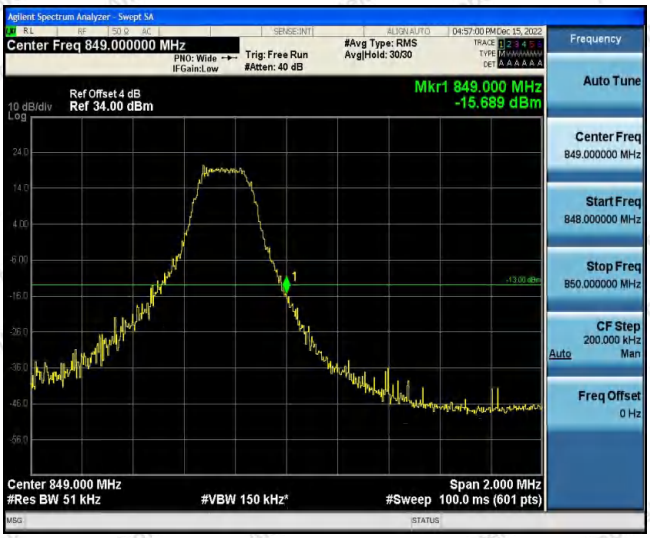
Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-1RB#0

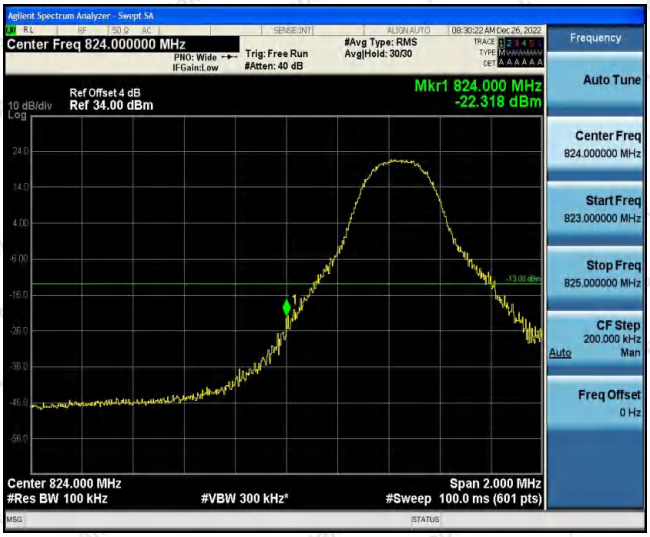


Band5-3MHz-16QAM-20635-1RB#14



Band5-3MHz-16QAM-20635-15RB#0

Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-1RB#24

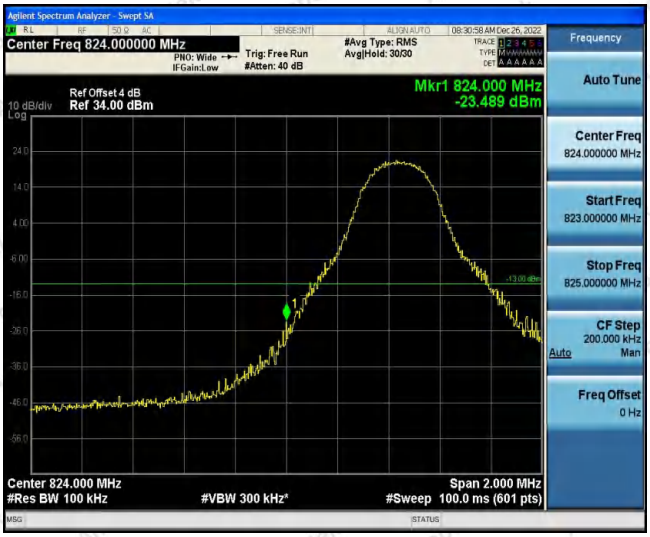
Band5-5MHz-QPSK-20425-25RB#0

Band5-5MHz-QPSK-20625-1RB#0

Band5-5MHz-QPSK-20625-1RB#24

Band5-5MHz-QPSK-20625-25RB#0

Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-1RB#24

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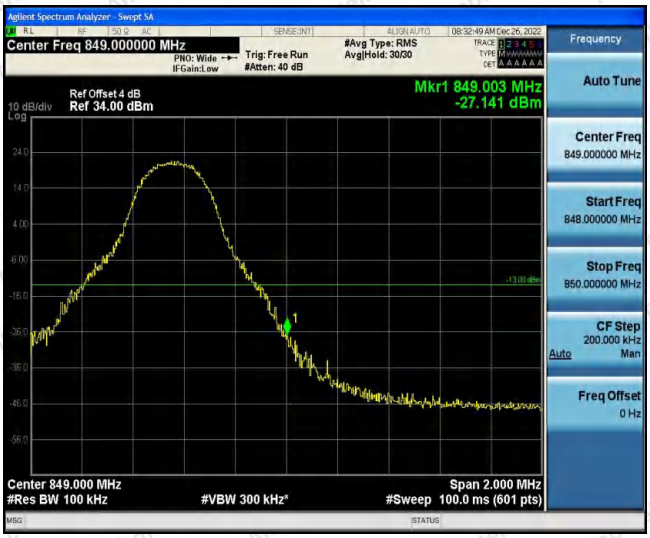
Band5-5MHz-16QAM-20625-1RB#0

Band5-5MHz-16QAM-20625-1RB#24



Band5-5MHz-16QAM-20625-25RB#0

Band5-10MHz-QPSK-20450-1RB#0

Band5-10MHz-QPSK-20450-1RB#49

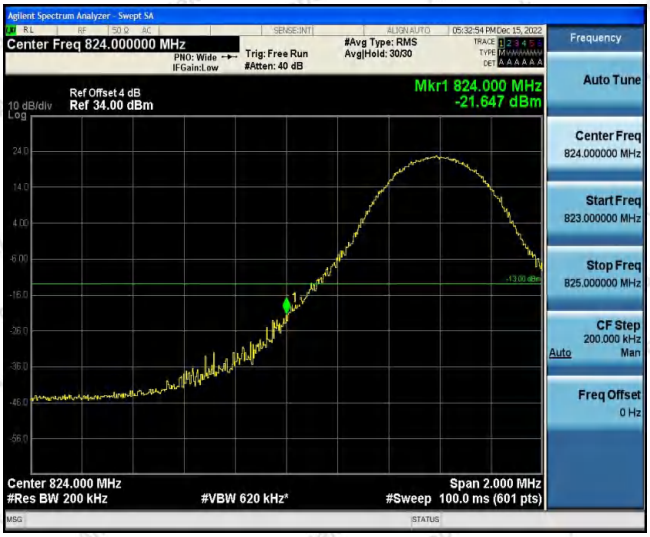
Band5-10MHz-QPSK-20450-50RB#0

Band5-10MHz-QPSK-20600-1RB#0

Band5-10MHz-QPSK-20600-1RB#49

Band5-10MHz-QPSK-20600-50RB#0

Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-1RB#49

Band5-10MHz-16QAM-20450-50RB#0

Band5-10MHz-16QAM-20600-1RB#0

Band5-10MHz-16QAM-20600-1RB#49

Band5-10MHz-16QAM-20600-50RB#0

Agilent Spectrum Analyzer - Swept SA
Center Freq 849.000000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 40 dB
#Avg Type: RMS
Avg|Hold: 30/30
05:35:06 PM Dec 15, 2022
Ref Offset 4 dB
10 dB/div
Ref 34.00 dBm
Log
Mkr1 849.030 MHz
-26.852 dBm
Center 849.000 MHz
#Res BW 200 kHz
#VBW 620 kHz*
Span 2.000 MHz
#Sweep 100.0 ms (601 pts)
Frequency
Auto Tune
Center Freq
849.000000 MHz
Start Freq
848.000000 MHz
Stop Freq
850.000000 MHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

Appendix E: Conducted Spurious Emission

Test Result

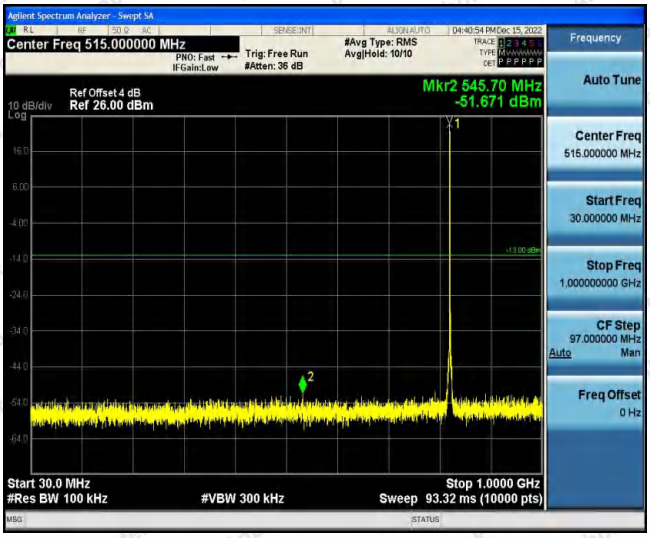
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-51.67	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-21.1	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.55	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-16.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-51.75	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-24.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-51.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-17.44	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-51.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-22.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-51.81	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-20.53	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-51.29	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-21.58	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-51.9	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-18.81	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-52.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-18.64	PASS

Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-50.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-21.84	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-52.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-19.93	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-51.22	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-24.41	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-50.79	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-25.84	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.52	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-20.93	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-51.28	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-20.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-51.36	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-21.98	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-51.48	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-24.27	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-51.82	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-25.46	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-51.31	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-20.58	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-51.7	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-23.93	PASS

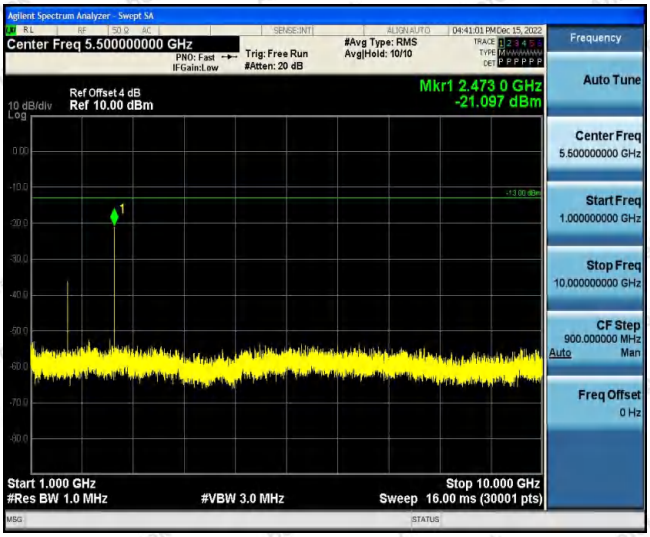
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-50.96	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-23.69	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-51.38	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-28.42	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-51.1	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-24.15	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-51.75	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-19.39	PASS

Test Graphs

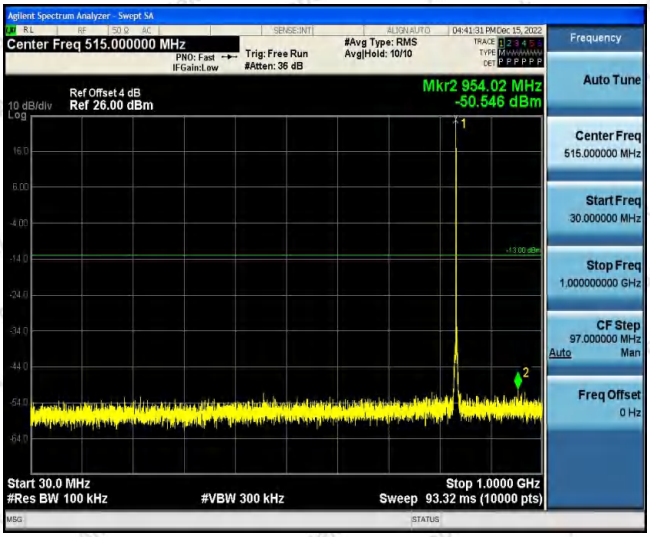
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



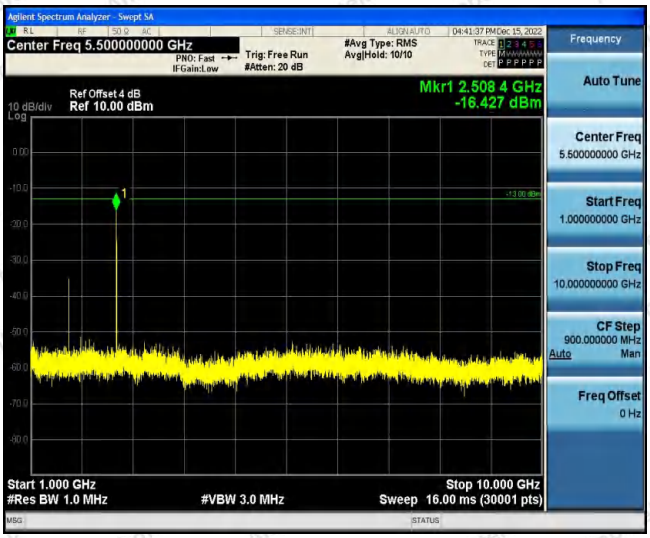
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



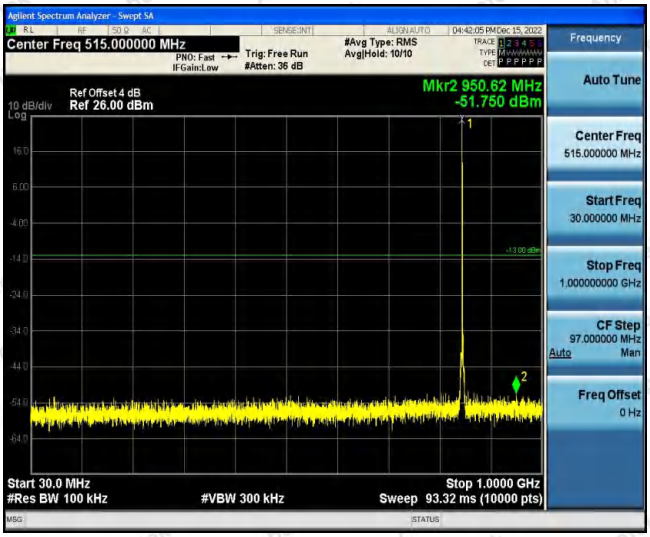
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



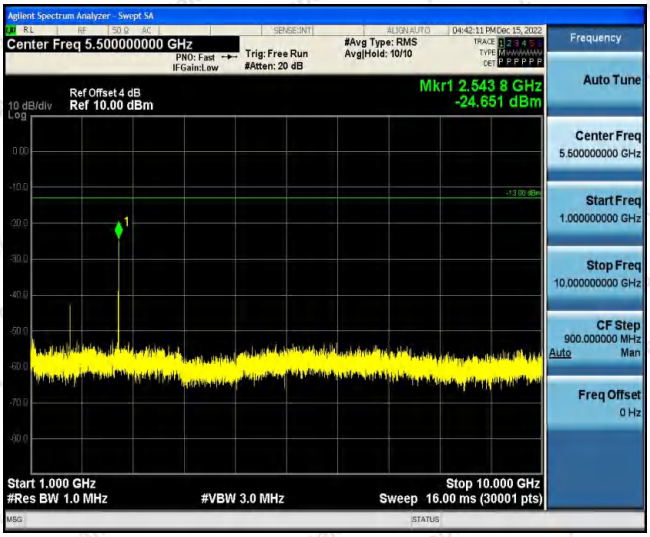
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



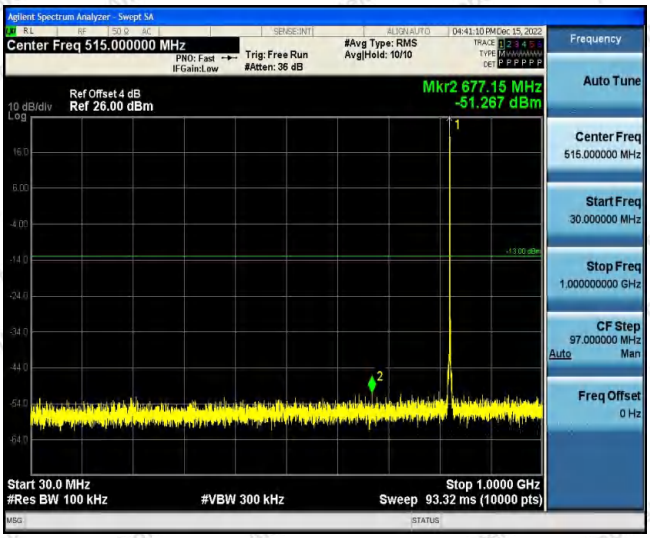
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



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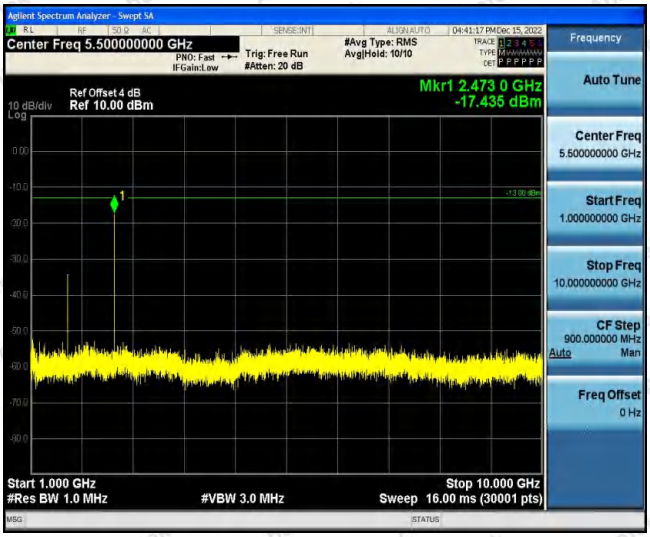

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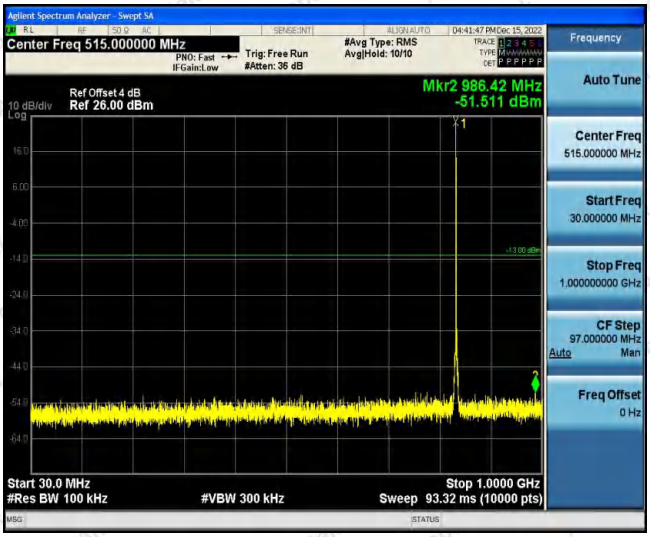
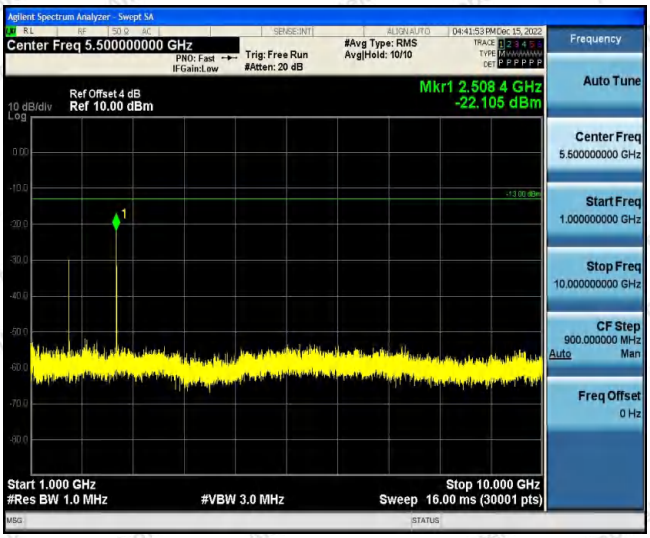
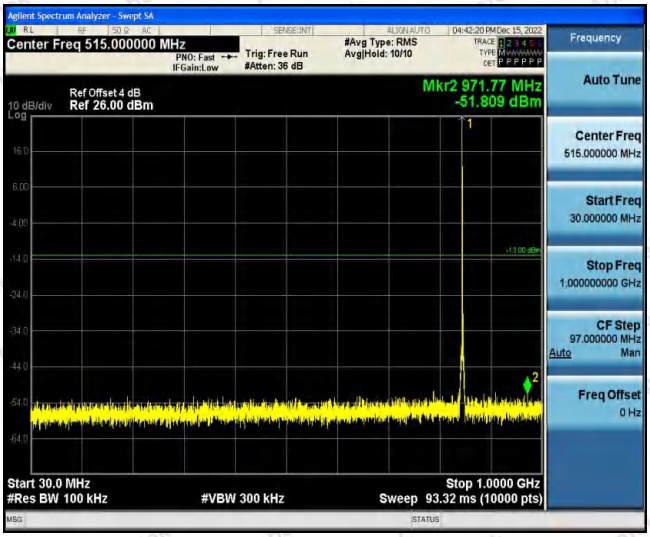


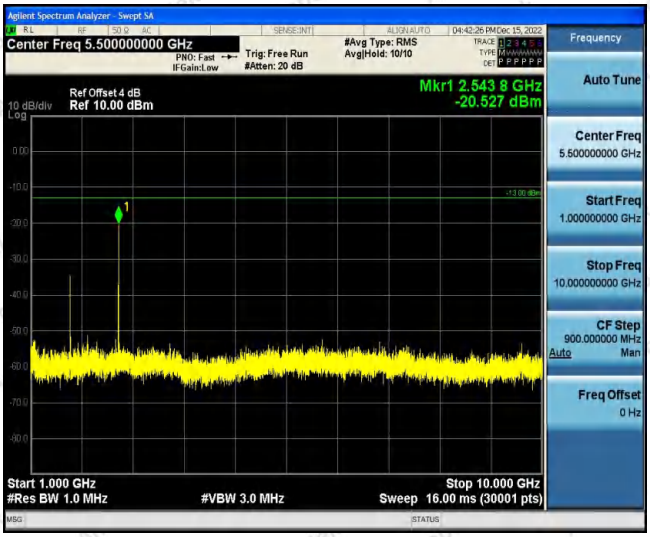
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



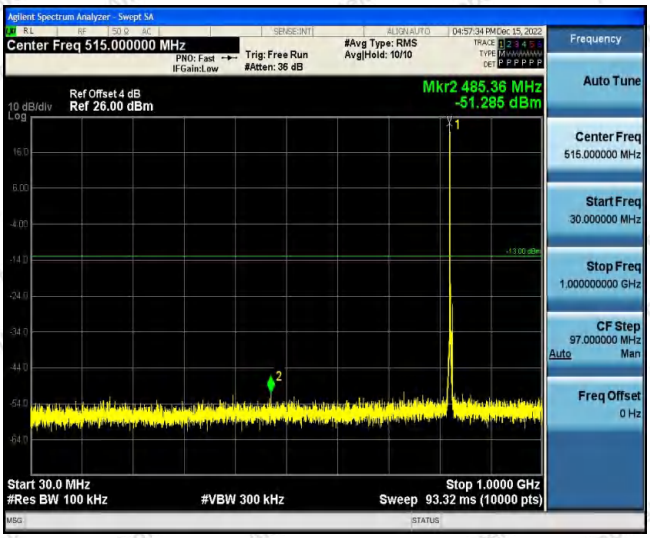
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



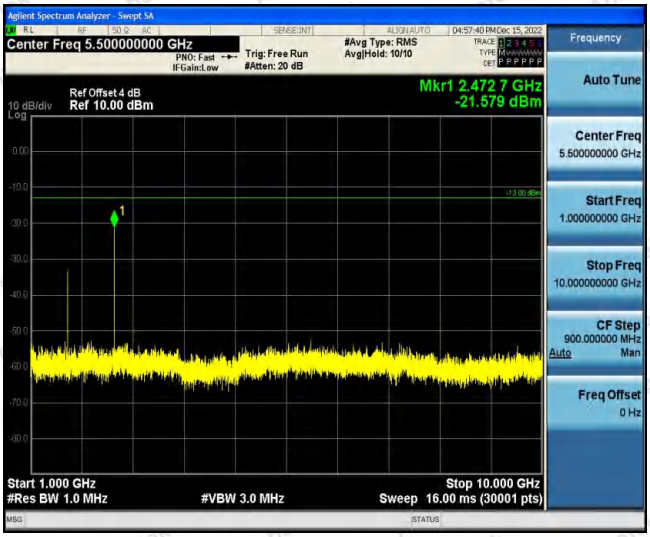
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



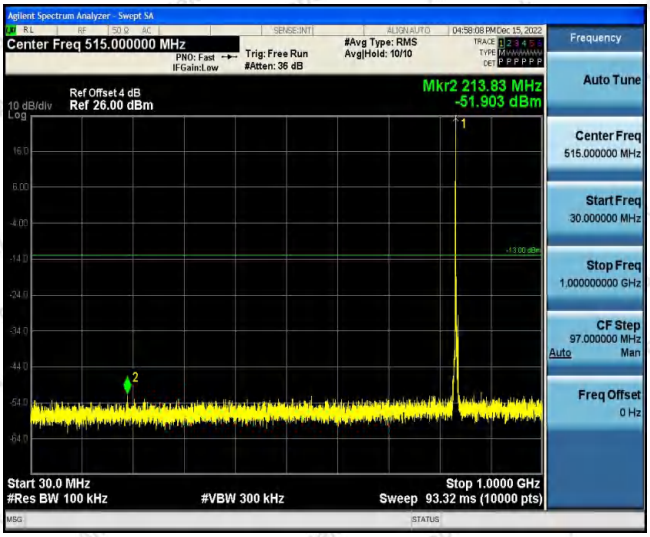
Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



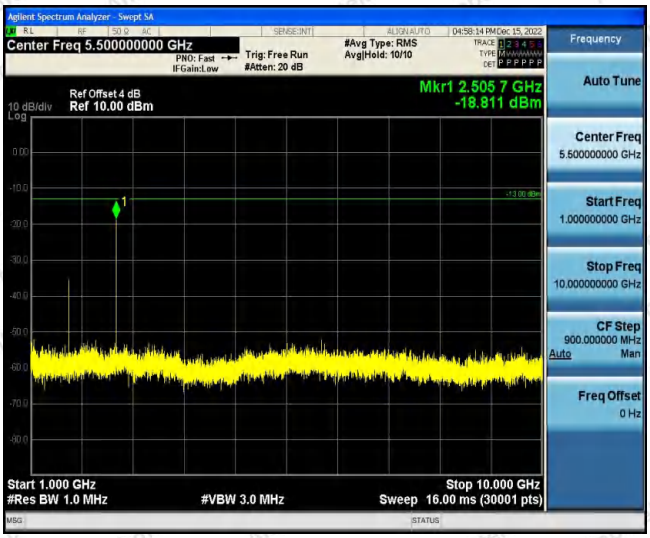
Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



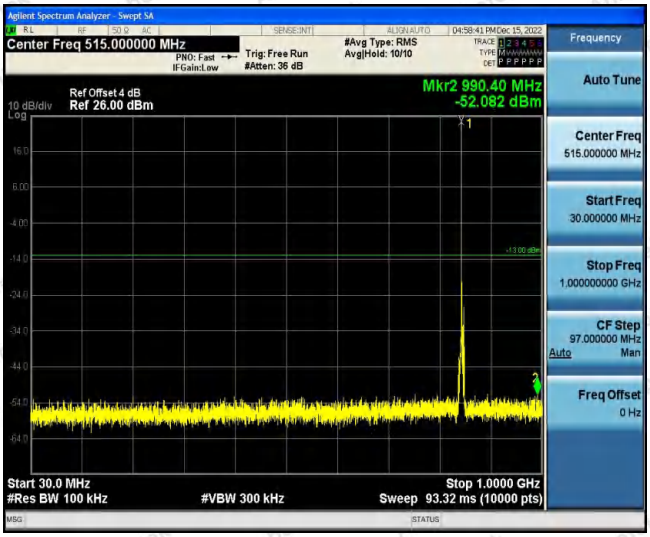
Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



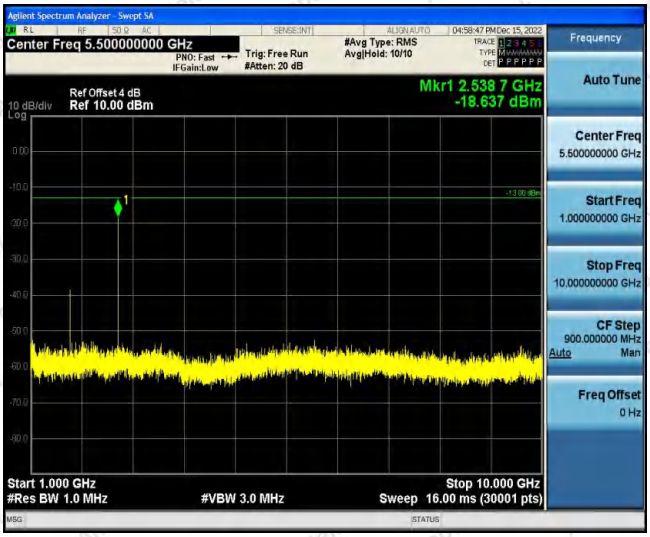
Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



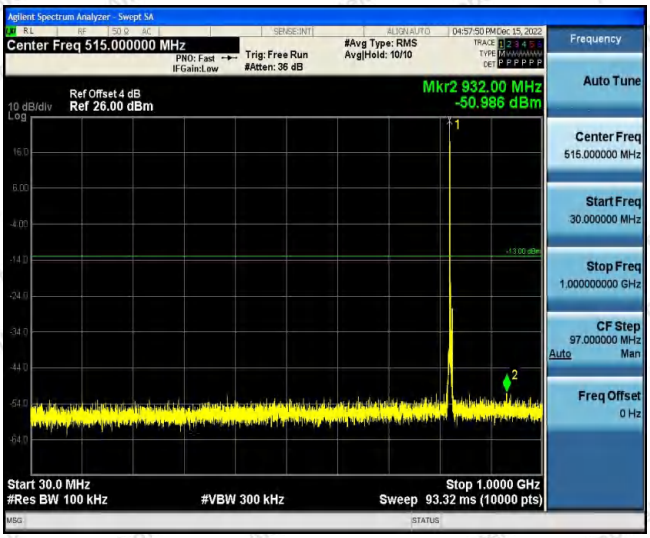
Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz



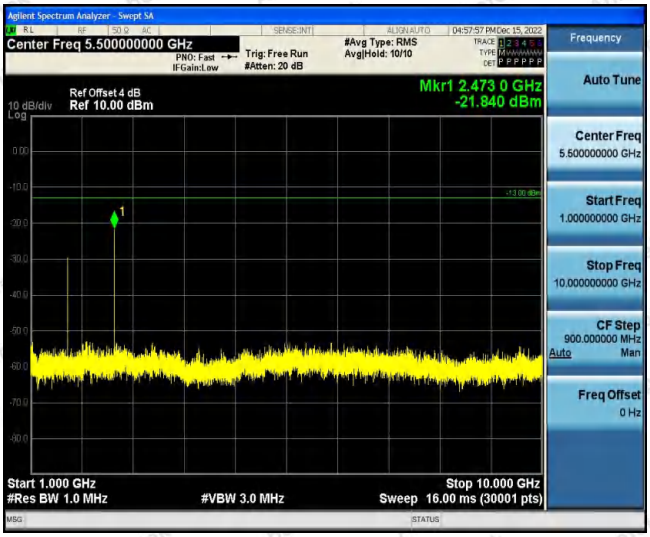
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



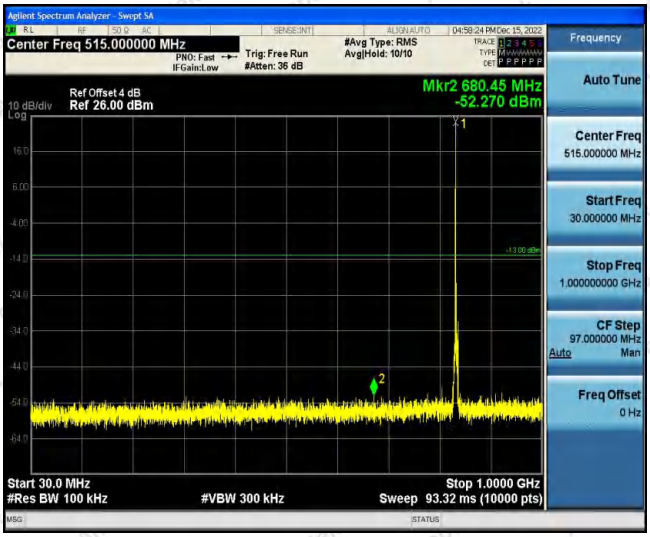
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



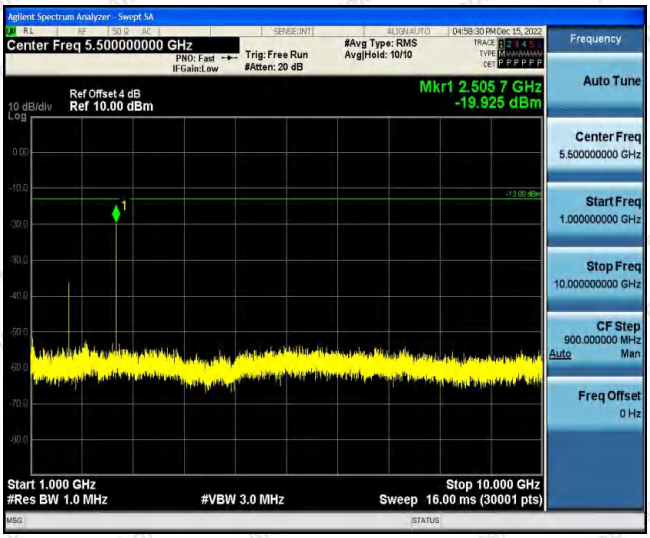
Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



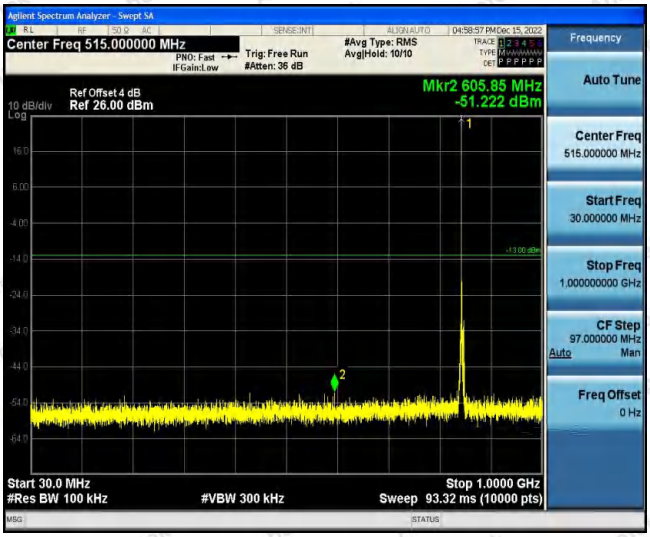
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



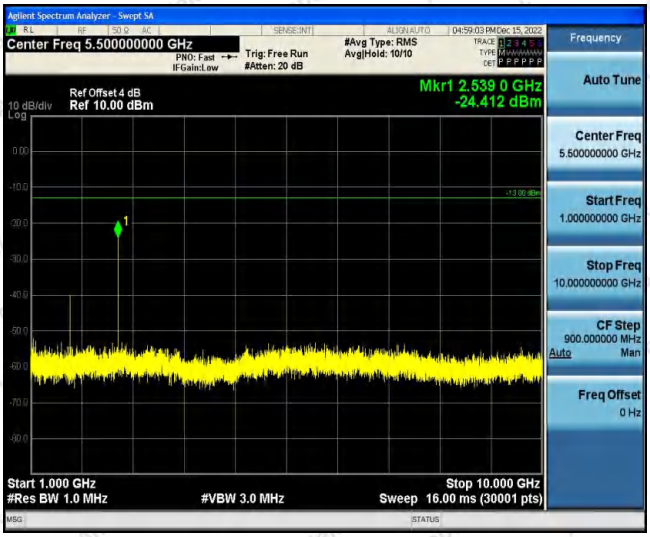
Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



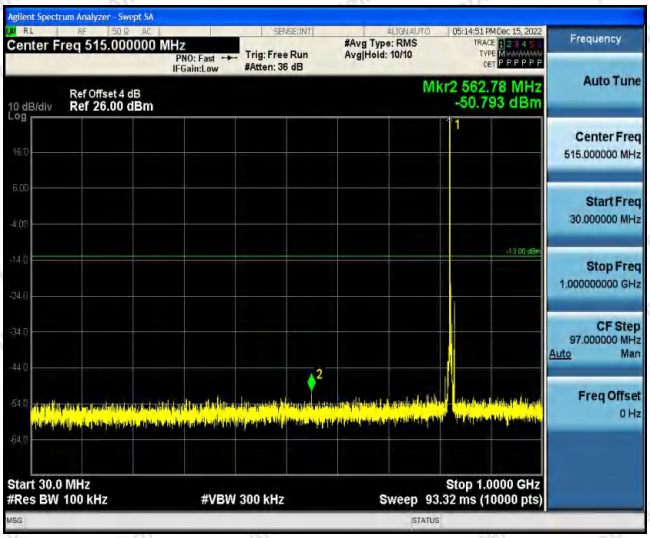
Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



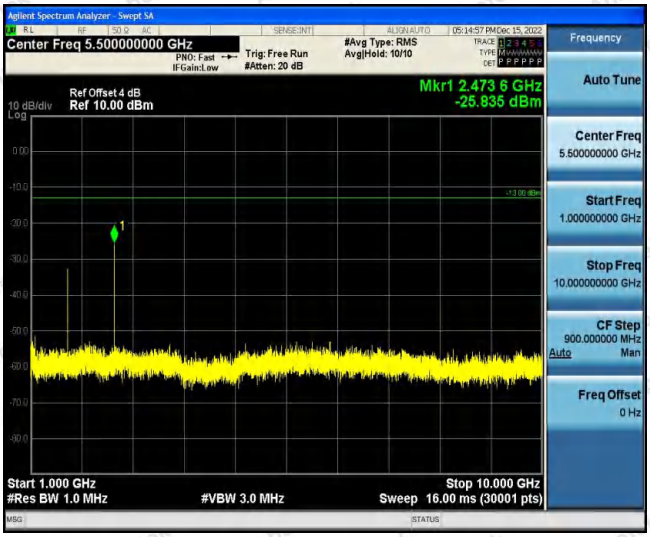
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



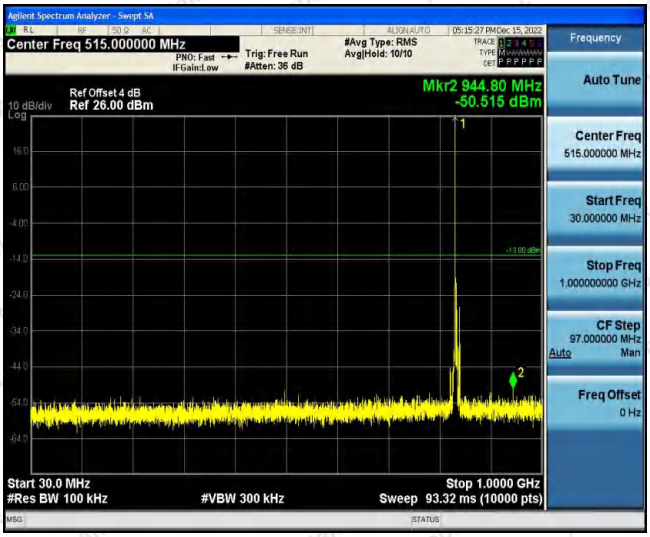
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



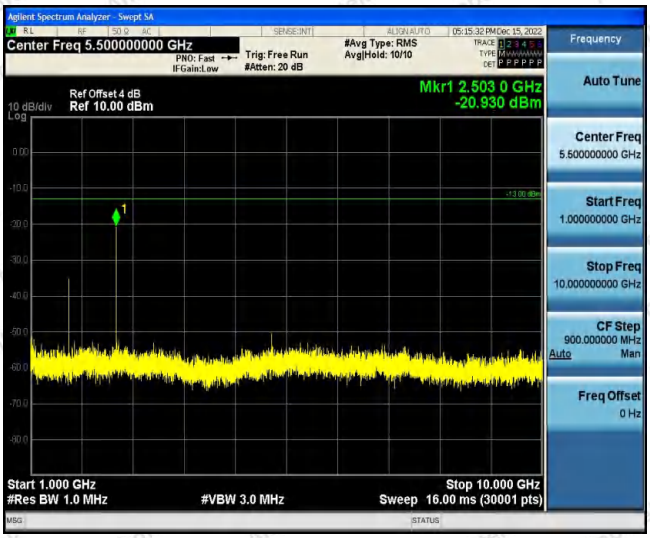
Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



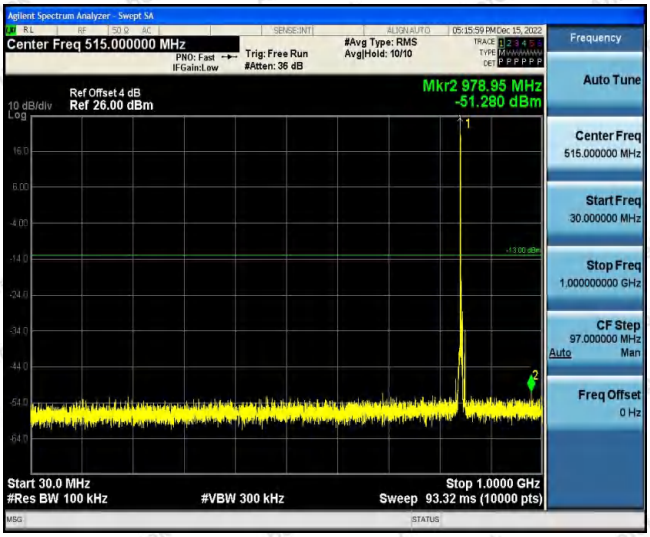
Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



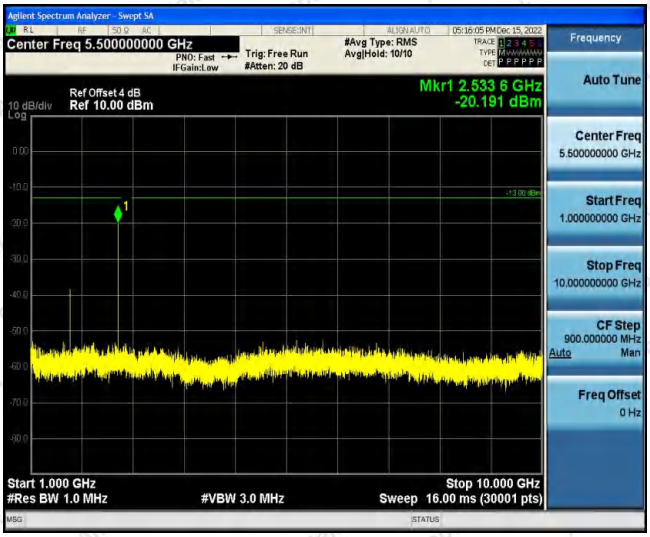
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



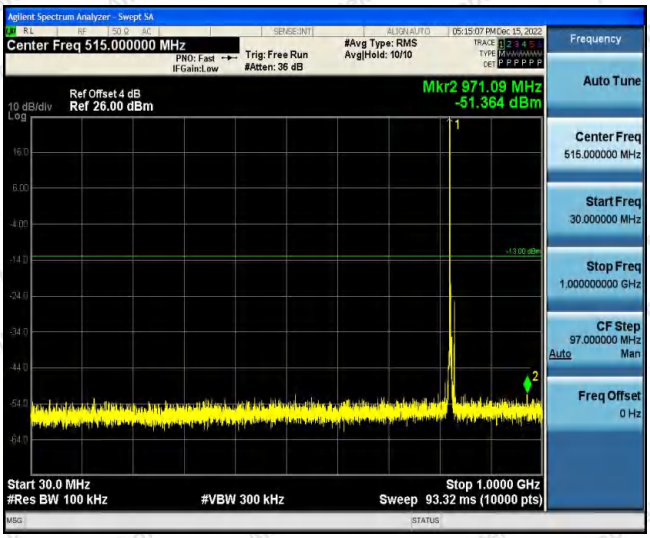
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



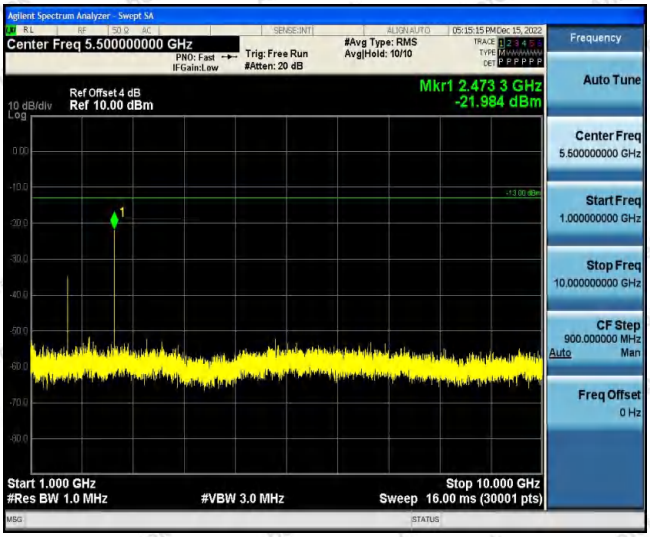
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



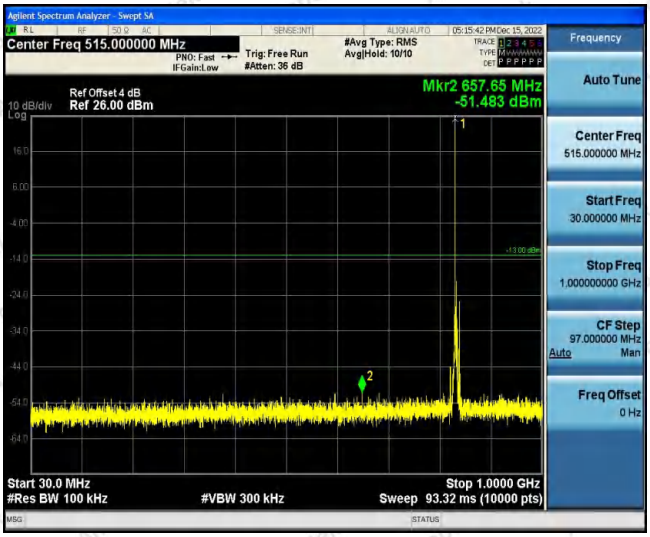
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



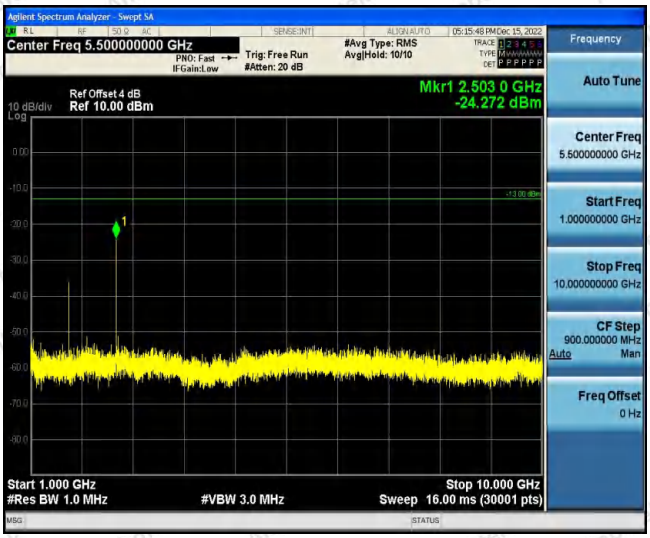
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



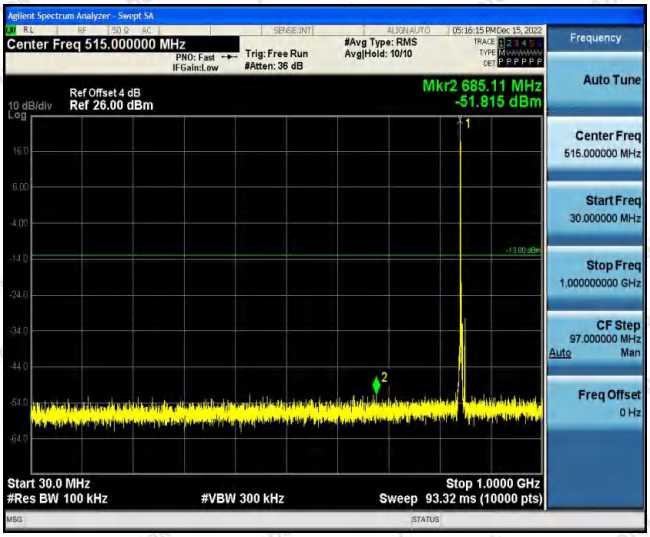
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



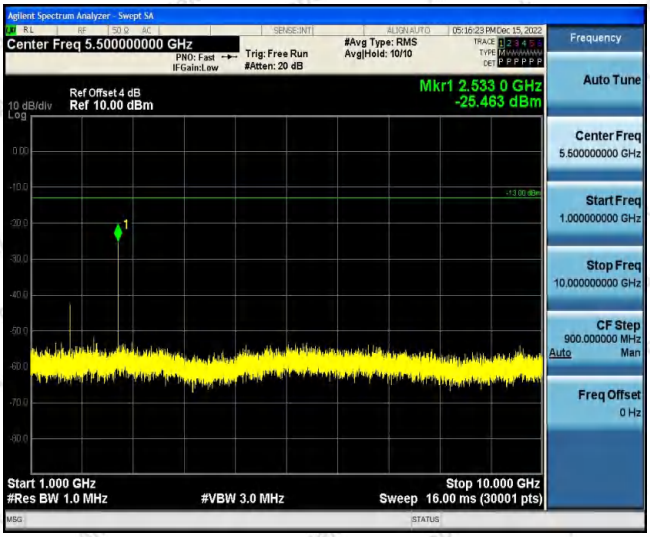
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



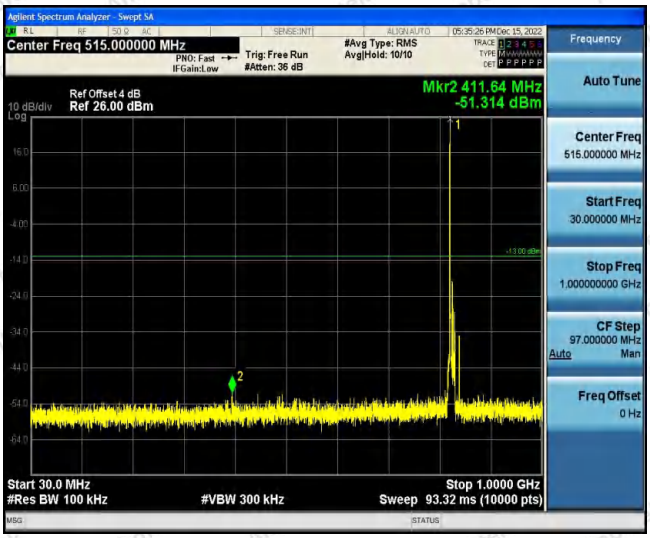
Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



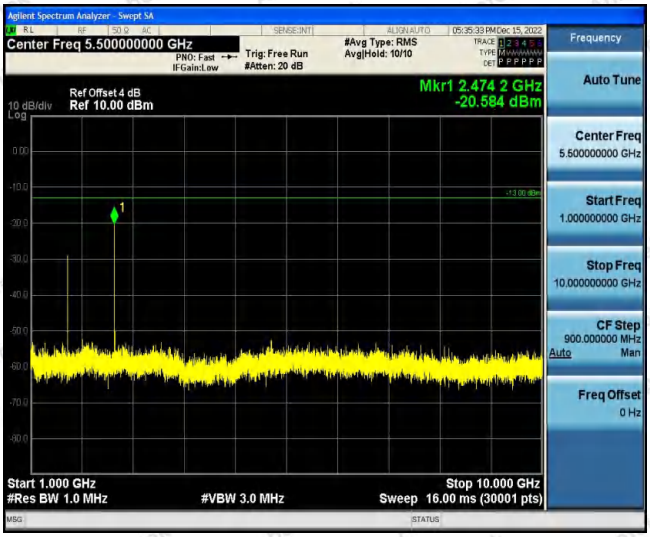
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



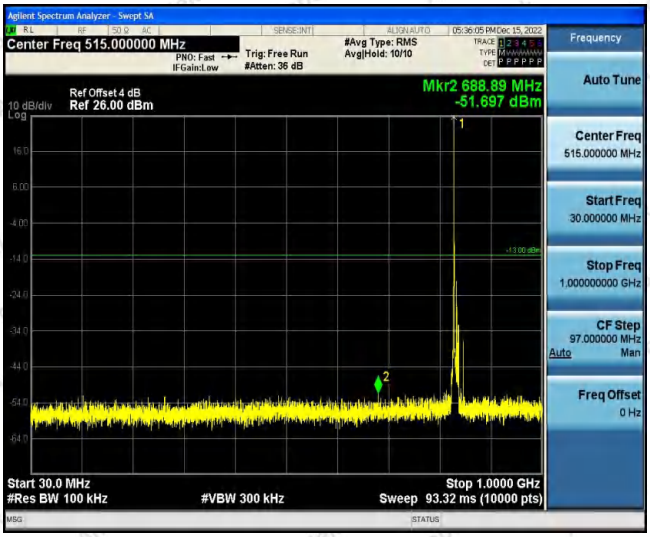
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



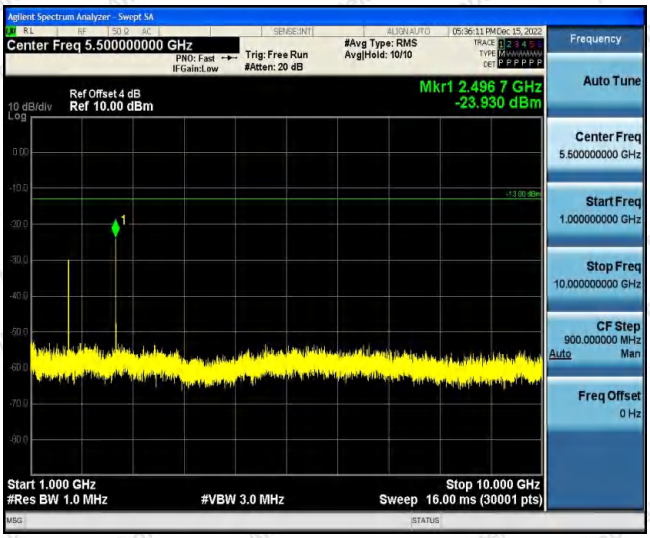
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



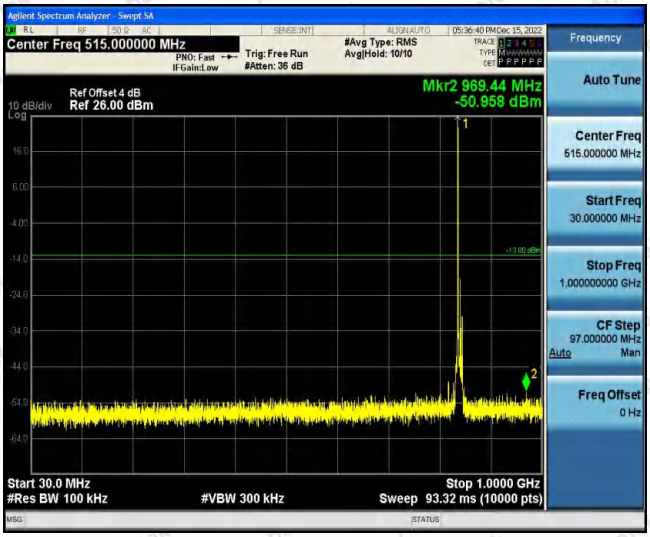
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



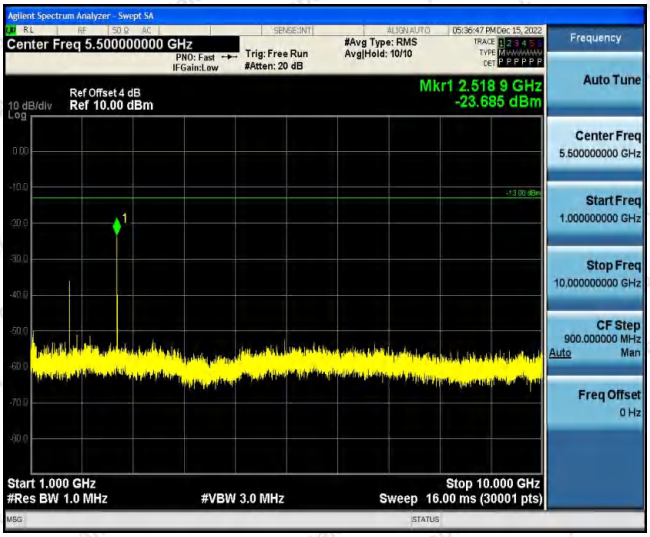
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



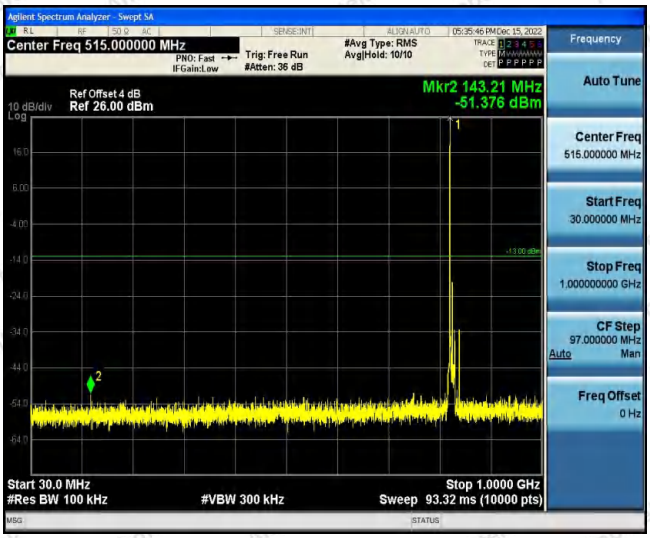
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



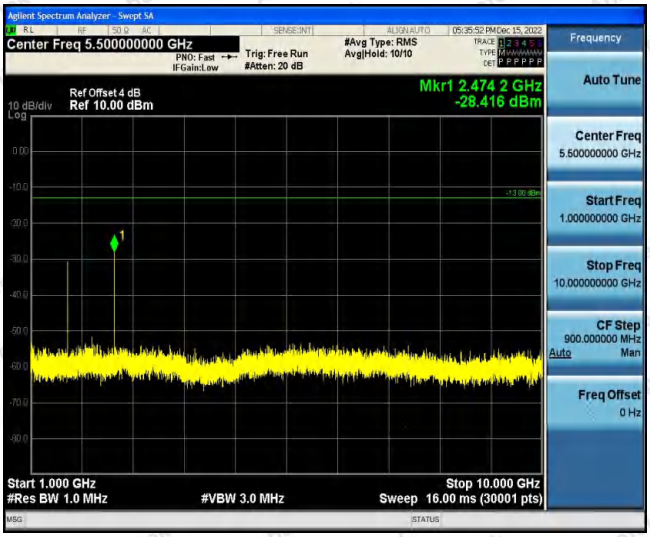
Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



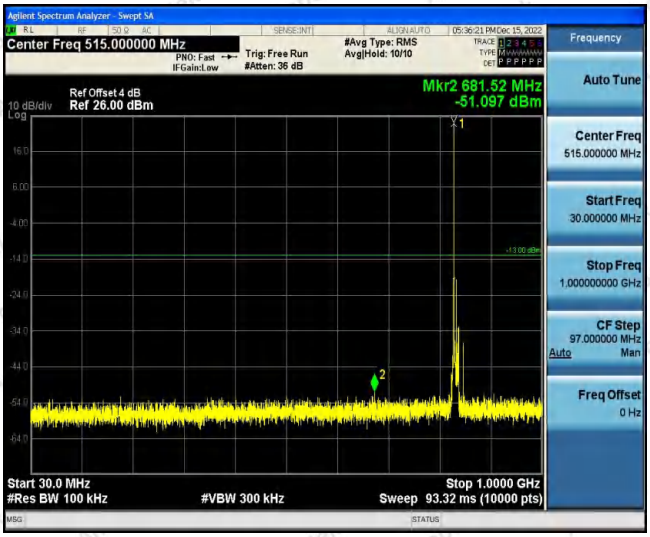
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



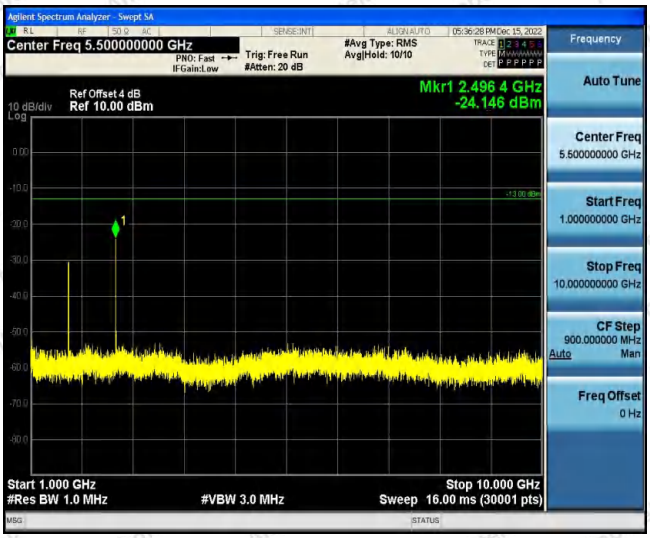
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



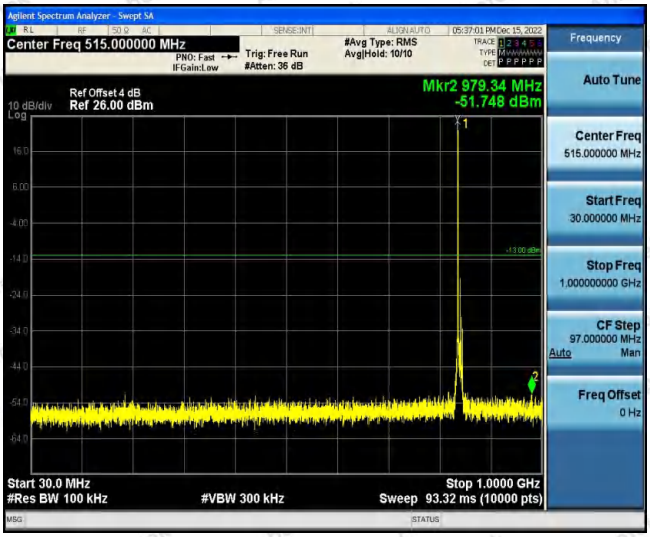
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



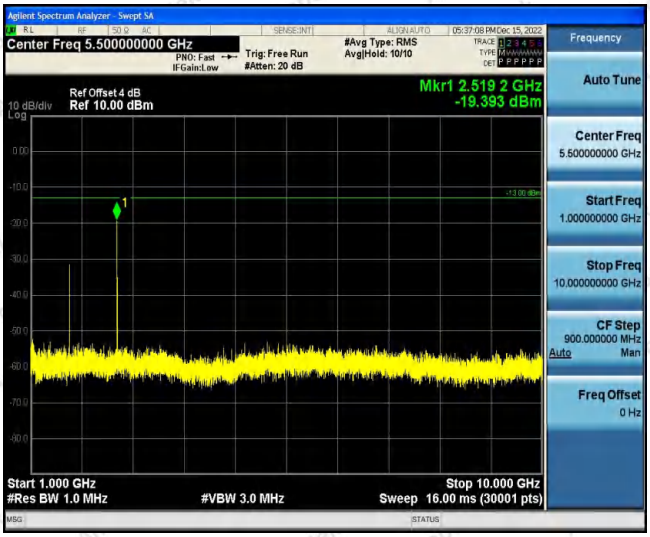
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency stability VS Voltage measurement

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-2.52	-0.003056	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-3.18	-0.003856	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-3.66	-0.004438	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-2.70	-0.003228	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-1.40	-0.001674	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-2.25	-0.002690	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-3.15	-0.003713	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-2.46	-0.002900	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	2.36	0.002782	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-3.02	-0.003662	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-2.19	-0.002656	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-3.62	-0.004389	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-4.13	-0.004937	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-2.26	-0.002702	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-2.55	-0.003048	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	2.60	0.003065	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	3.48	0.004102	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	3.33	0.003925	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-2.10	-0.002544	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-1.54	-0.001866	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-2.93	-0.003549	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-2.82	-0.003371	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	1.27	0.001518	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-3.83	-0.004579	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-3.26	-0.003847	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-4.25	-0.005015	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-4.36	-0.005145	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	2.85	0.003452	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-1.79	-0.002168	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-3.10	-0.003755	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	3.13	0.003742	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-3.19	-0.003814	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-1.20	-0.001435	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-5.42	-0.006395	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-2.63	-0.003103	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-3.03	-0.003575	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-5.72	-0.006921	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-4.73	-0.005723	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-4.09	-0.004949	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-2.16	-0.002582	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-2.17	-0.002594	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-4.06	-0.004854	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-3.32	-0.003922	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-2.05	-0.002422	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-2.40	-0.002835	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-3.20	-0.003872	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-4.78	-0.005783	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-3.81	-0.004610	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	2.55	0.003048	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-1.36	-0.001626	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	2.13	0.002546	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-1.99	-0.002351	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-2.39	-0.002823	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	2.46	0.002906	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-1.82	-0.002195	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-2.83	-0.003414	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-3.35	-0.004041	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-3.36	-0.004017	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	3.18	0.003802	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-1.83	-0.002188	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-4.09	-0.004846	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-1.82	-0.002156	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-1.99	-0.002358	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-2.93	-0.003534	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	0.96	0.001158	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	1.19	0.001435	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	1.49	0.001781	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	2.46	0.002941	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	2.49	0.002977	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.93	-0.003472	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.90	-0.003436	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-0.89	-0.001055	±2.5	PASS

Appendix G: Frequency stability VS Temperature measurement

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-3.55	-0.004305	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-2.57	-0.003116	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-3.58	-0.004341	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-5.06	-0.006136	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-4.29	-0.005202	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-2.47	-0.002953	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-1.76	-0.002104	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-3.03	-0.003622	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-3.26	-0.003897	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-1.86	-0.002224	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-2.17	-0.002558	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-2.73	-0.003218	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	3.46	0.004079	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	3.06	0.003607	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-1.90	-0.002240	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-2.39	-0.002898	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-3.60	-0.004365	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-2.92	-0.003541	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-3.75	-0.004547	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-2.40	-0.002910	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	3.12	0.003730	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-2.02	-0.002415	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-3.33	-0.003981	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-4.31	-0.005152	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-1.90	-0.002271	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-1.53	-0.001804	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	2.23	0.002629	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-3.28	-0.003867	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-2.55	-0.003006	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-2.07	-0.002440	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-3.30	-0.003998	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	2.25	0.002726	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-3.92	-0.004749	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	3.18	0.003852	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-2.79	-0.003380	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-2.85	-0.003407	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	1.70	0.002032	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-3.73	-0.004459	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	1.53	0.001829	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-2.90	-0.003467	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-4.06	-0.004791	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-3.46	-0.004083	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-2.88	-0.003398	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-3.32	-0.003917	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-3.18	-0.003752	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-3.40	-0.004119	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-2.05	-0.002483	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-3.09	-0.003743	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-2.80	-0.003392	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-3.46	-0.004191	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-2.36	-0.002821	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-2.68	-0.003204	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	2.55	0.003048	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	2.65	0.003168	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-3.35	-0.004005	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-2.39	-0.002820	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-4.63	-0.005463	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-4.13	-0.004873	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-4.31	-0.005086	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-3.45	-0.004071	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.05	-0.003690	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-3.22	-0.003896	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-4.41	-0.005336	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-1.82	-0.002202	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-3.30	-0.003993	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-1.69	-0.002020	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-2.35	-0.002809	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-2.96	-0.003539	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-3.72	-0.004447	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	1.97	0.002355	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-2.20	-0.002599	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-3.08	-0.003639	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	2.49	0.002942	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-3.45	-0.004076	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	1.85	0.002185	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-2.12	-0.002565	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-2.89	-0.003497	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-2.07	-0.002505	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-3.28	-0.003969	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-3.36	-0.004065	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	2.20	0.002630	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-4.39	-0.005248	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-3.08	-0.003682	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-1.92	-0.002295	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-2.25	-0.002690	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-2.00	-0.002363	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-2.12	-0.002504	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	2.73	0.003225	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-1.96	-0.002315	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	5.46	0.006450	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-2.05	-0.002473	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-1.87	-0.002256	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.95	-0.003559	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-1.33	-0.001604	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.49	-0.004210	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-4.48	-0.005356	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.45	-0.004124	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-3.10	-0.003706	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-3.71	-0.004435	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-2.15	-0.002547	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-3.22	-0.003815	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-3.19	-0.003780	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-1.90	-0.002251	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	1.60	0.001896	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-2.47	-0.002979	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	2.17	0.002618	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-2.53	-0.003052	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-2.72	-0.003281	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-2.86	-0.003450	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-3.22	-0.003849	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-2.62	-0.003132	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	2.33	0.002785	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-3.23	-0.003861	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-1.93	-0.002307	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-3.20	-0.003791	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-3.15	-0.003732	±2.5	PASS

Band5	10MHz	16QAM	20600	50RB#0	NV	0	-1.49	-0.001765	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-2.92	-0.003460	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	1.02	0.001209	±2.5	PASS

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