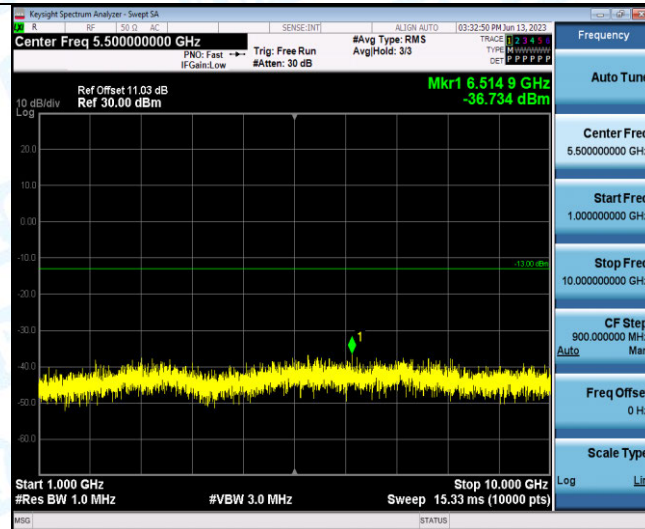
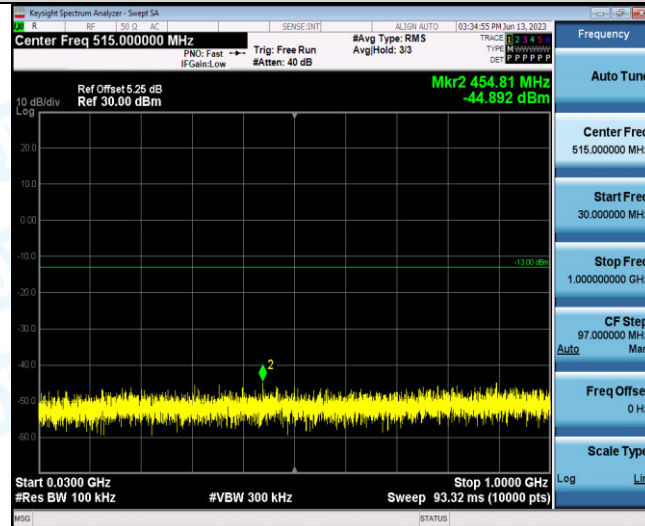
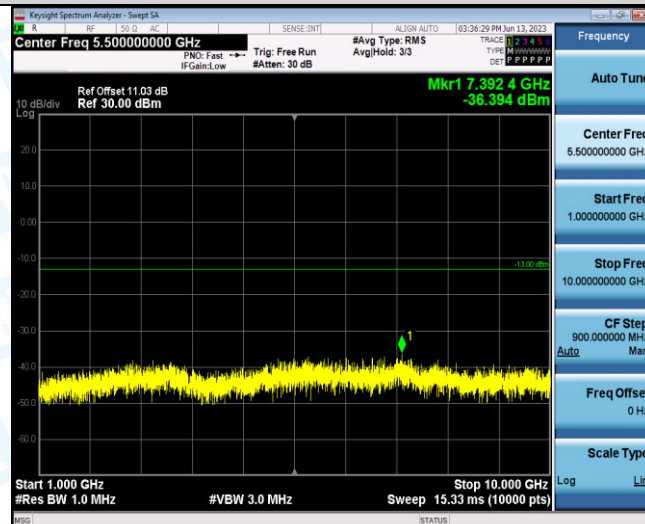




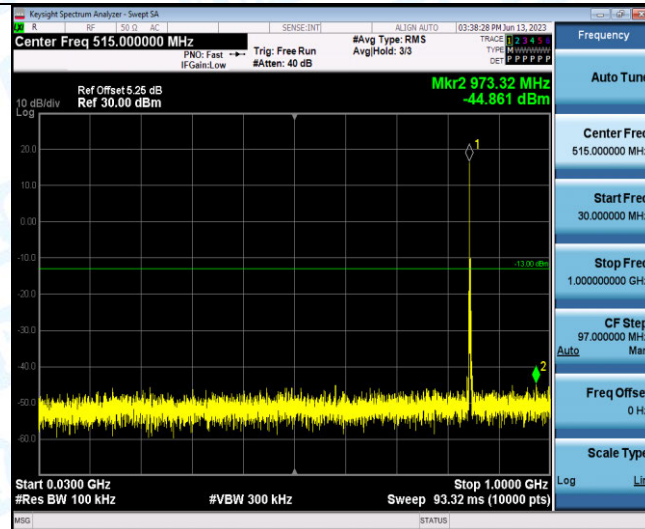
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



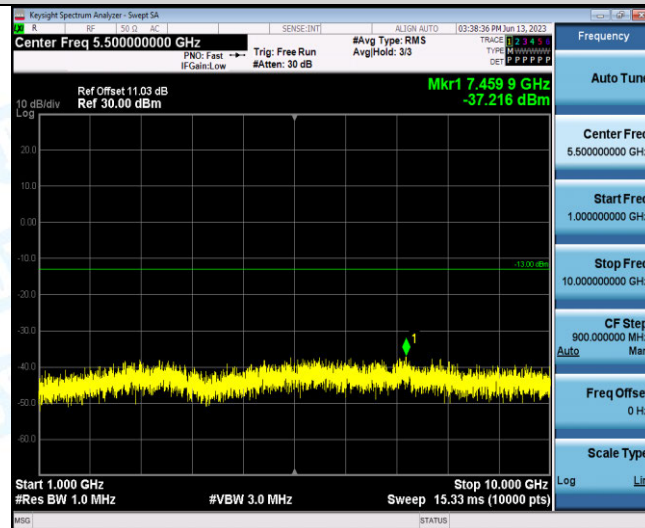
Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



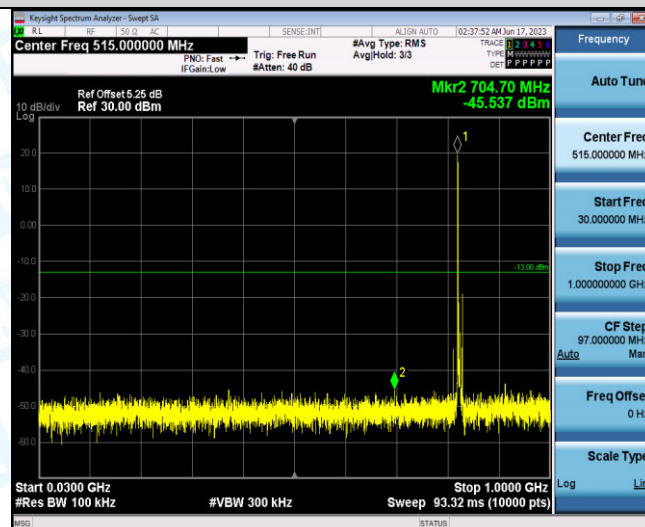
Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



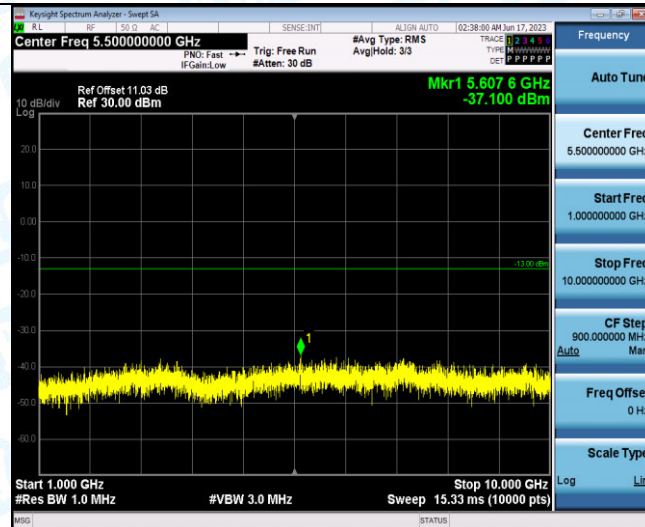
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



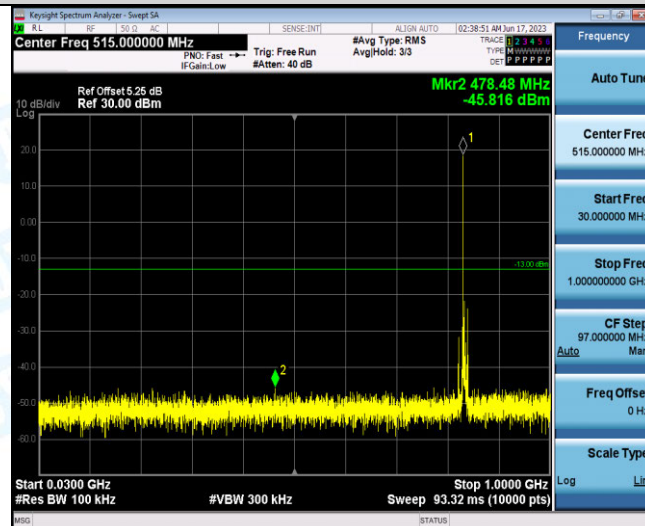
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



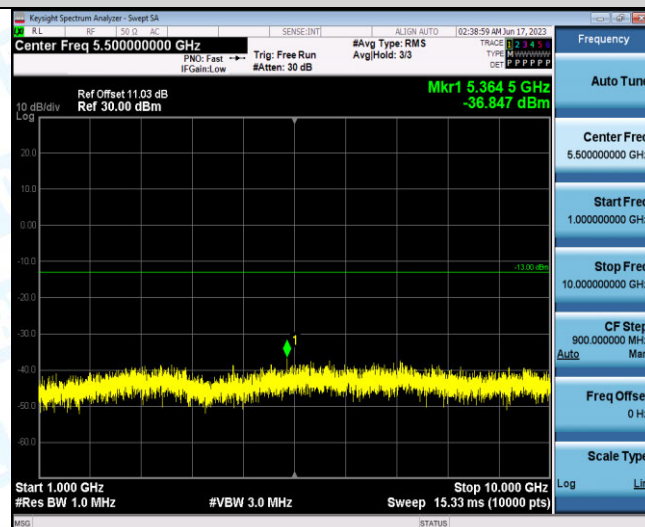
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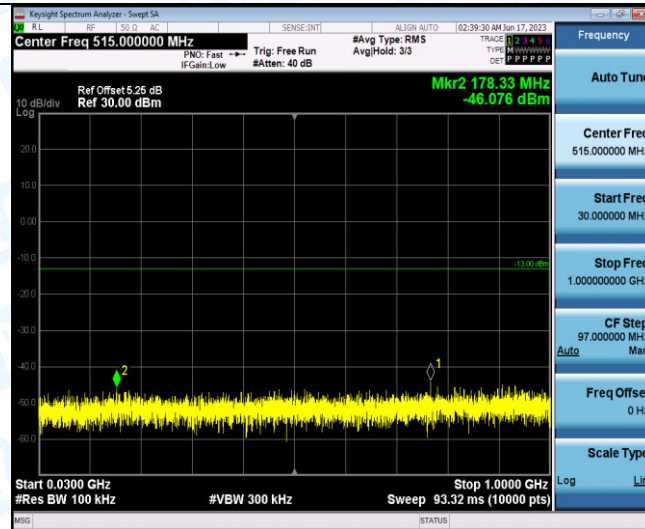
Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



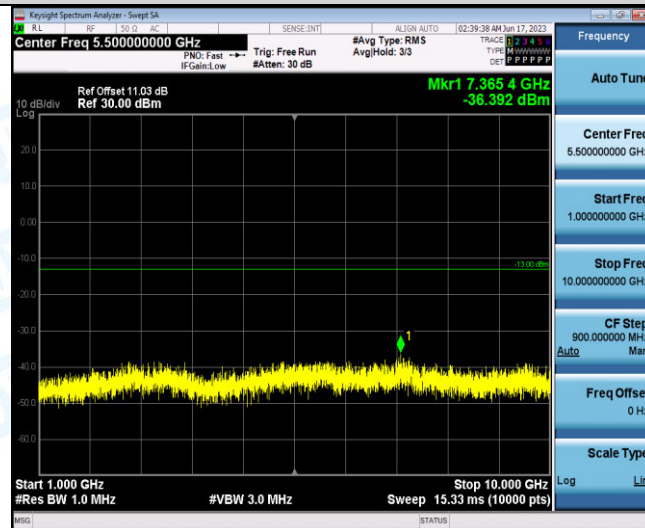
Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



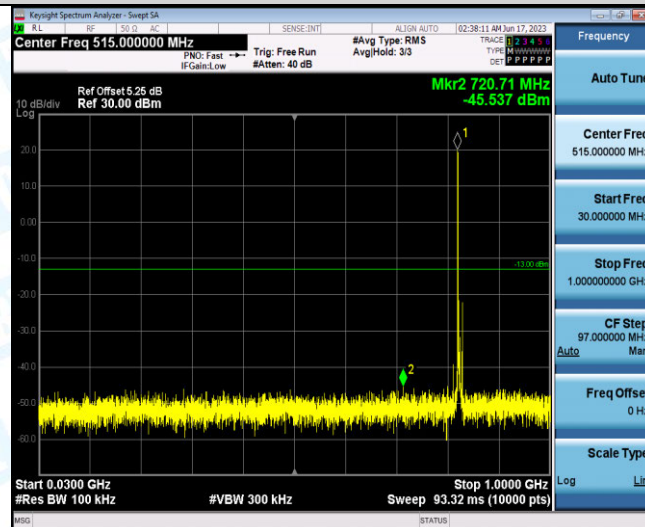
Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



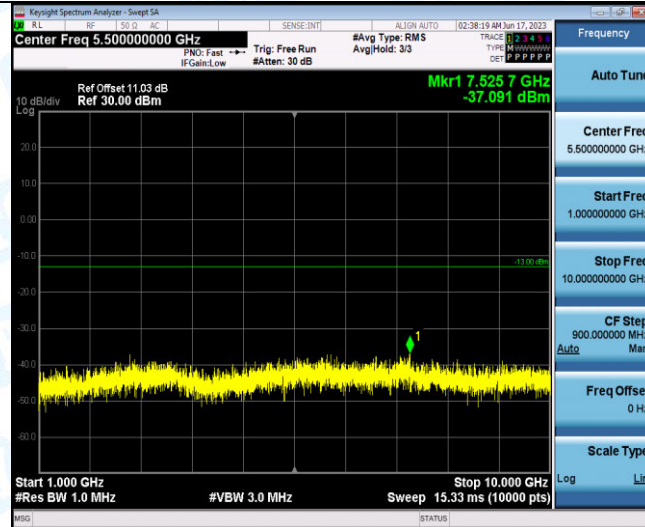
Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



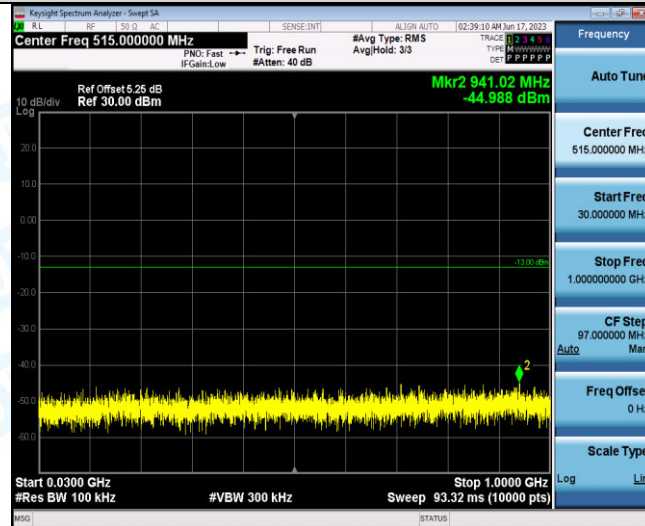
Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



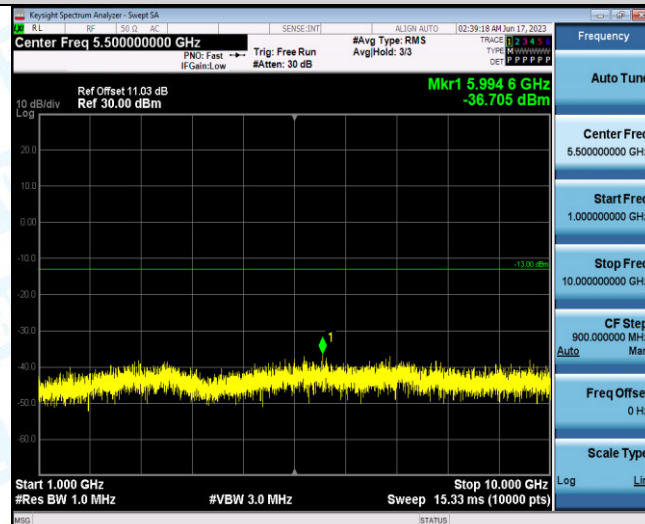
Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



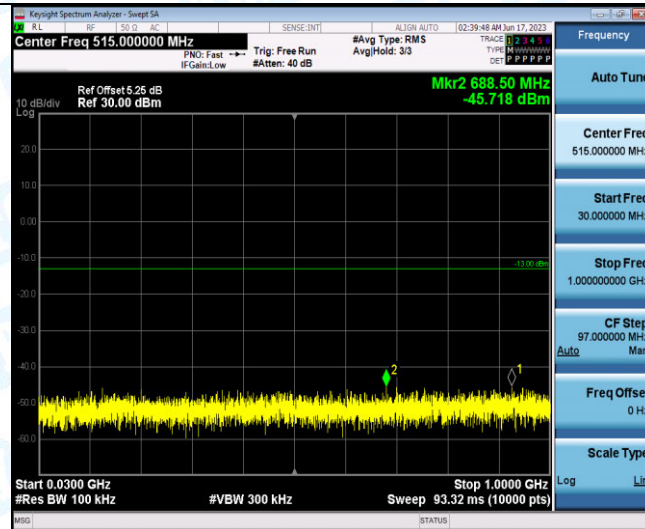
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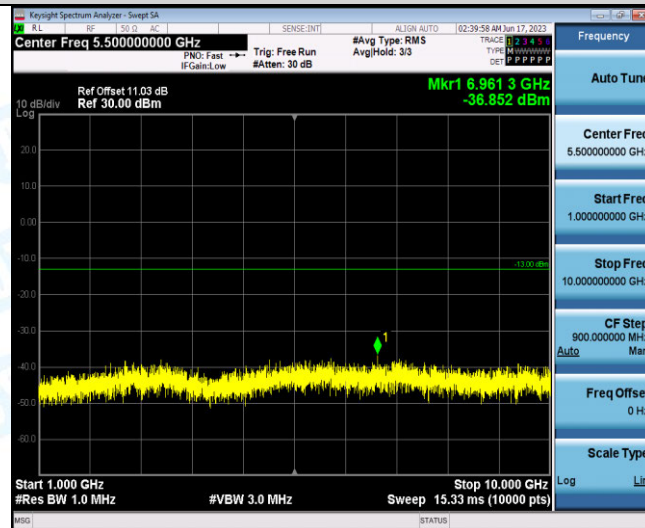
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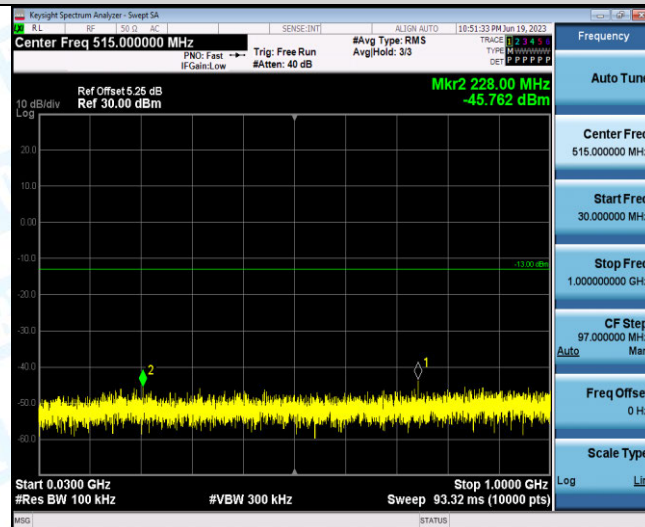
Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



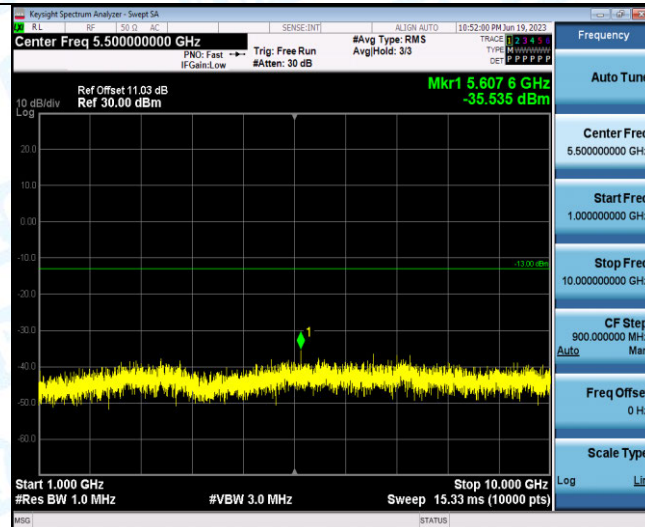
Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



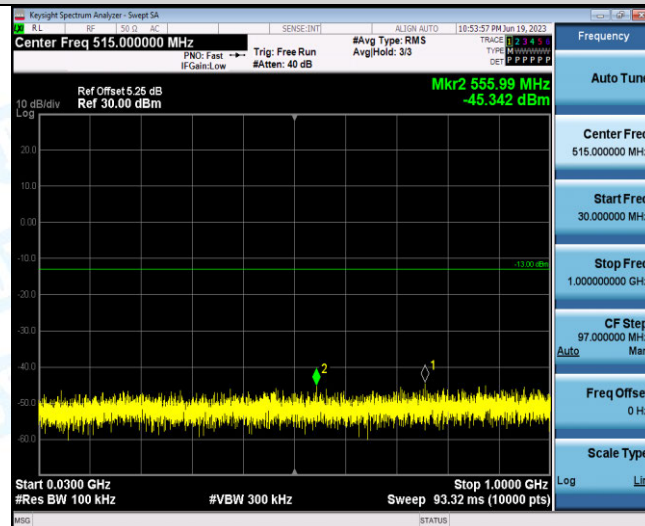
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



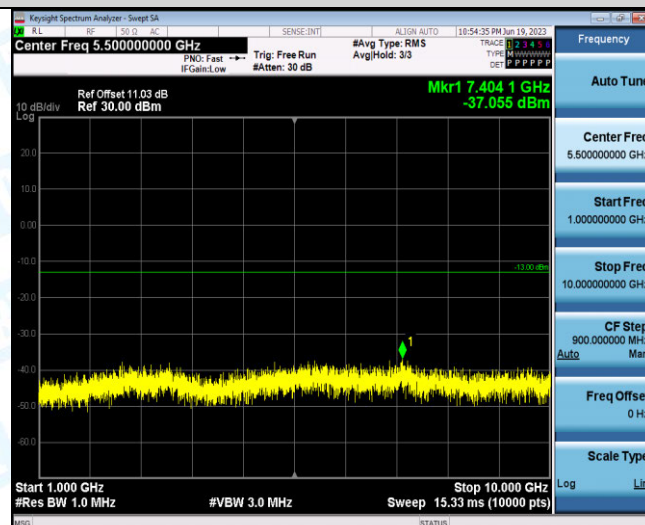
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



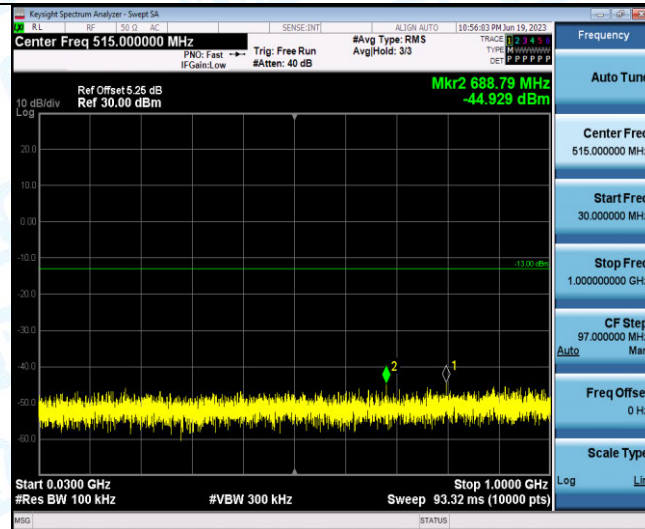
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



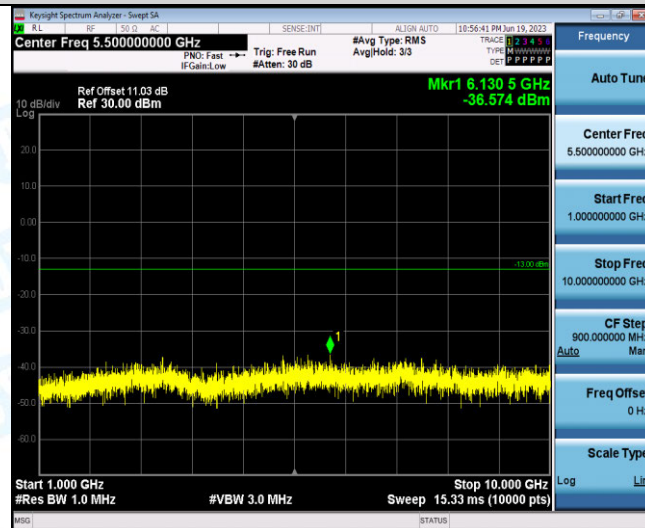
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



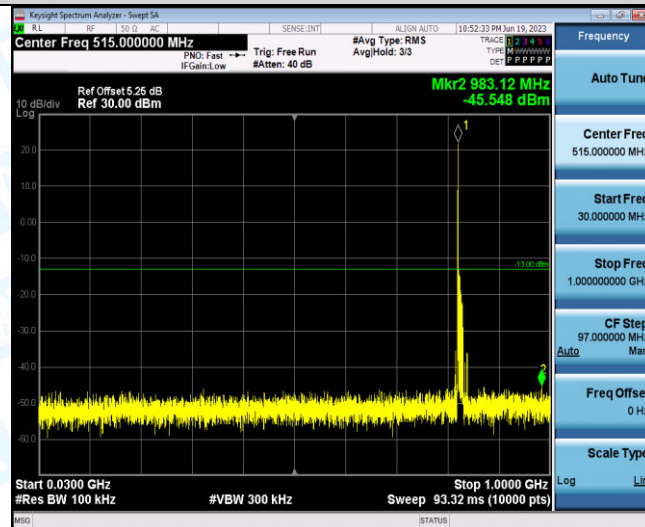
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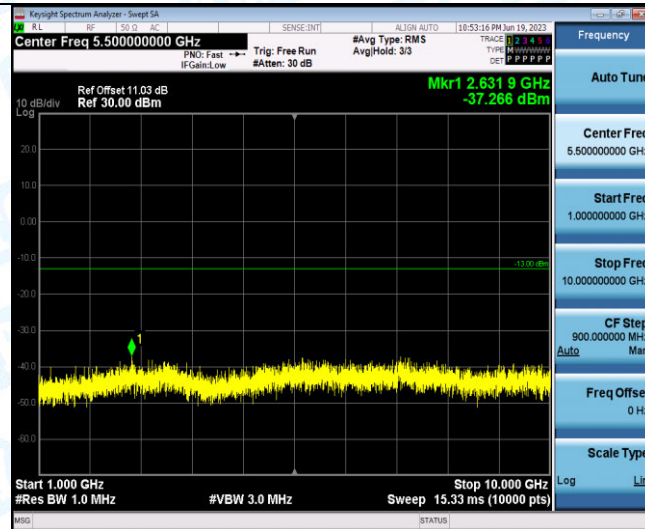
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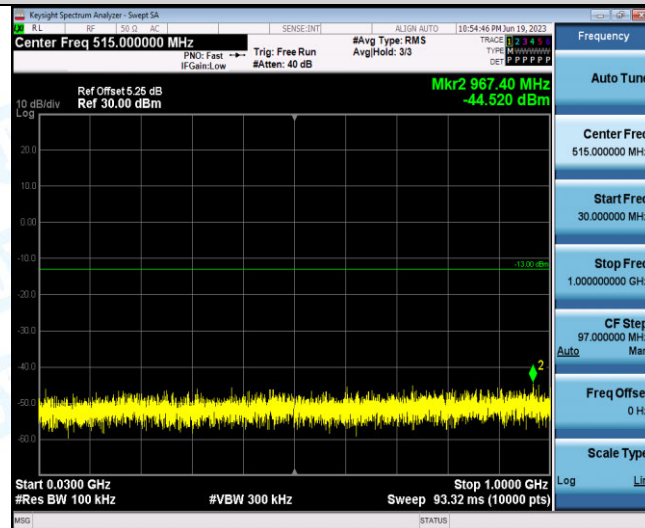
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



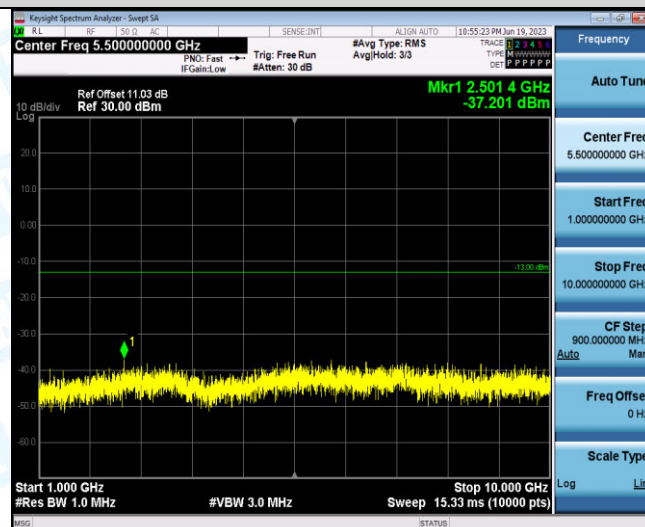
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



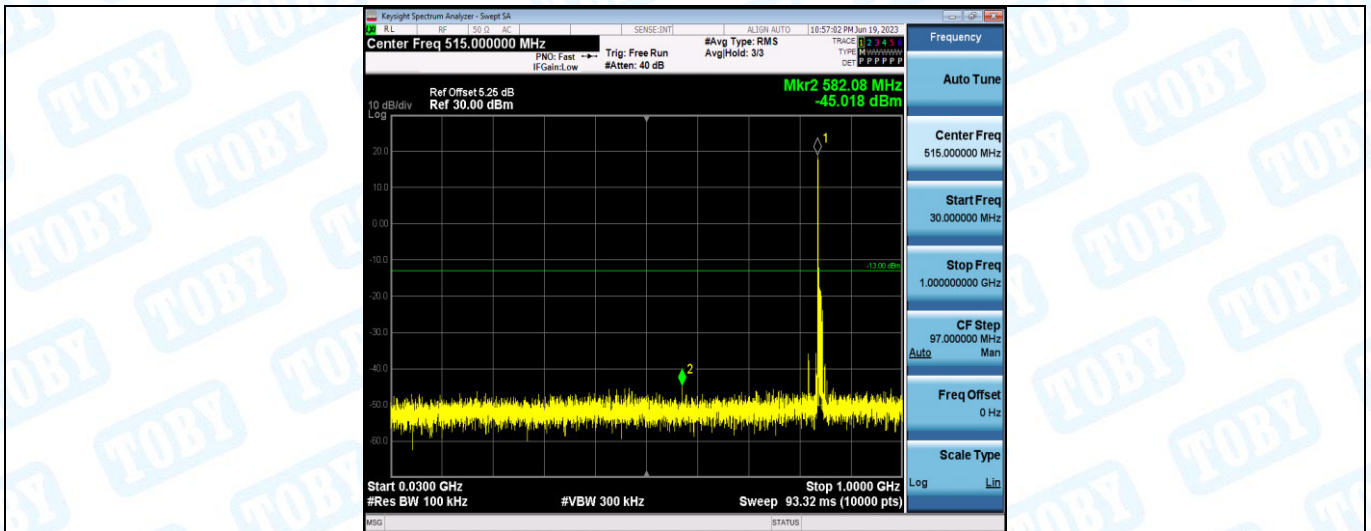
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



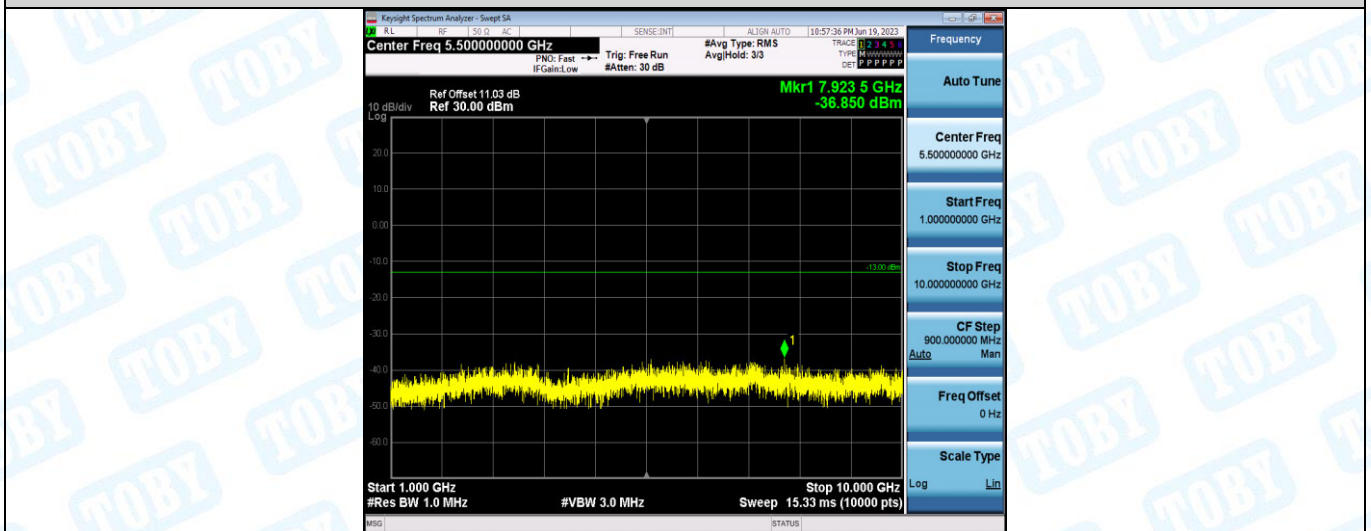
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



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



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



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-11.72	-0.014011	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-11.19	-0.013377	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-12.82	-0.015326	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-8.87	-0.010604	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-8.61	-0.010293	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-8.71	-0.010412	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-10.80	-0.012911	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-11.01	-0.013162	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-8.43	-0.010078	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-8.80	-0.010520	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-8.60	-0.010281	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-7.68	-0.009181	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-11.87	-0.014190	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-8.61	-0.010293	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-11.94	-0.014274	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-8.80	-0.010520	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-7.82	-0.009348	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-12.43	-0.014860	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-10.00	-0.011955	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-7.98	-0.009540	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-7.61	-0.009097	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	VL	NT	-9.47	-0.011321	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	VN	NT	-8.90	-0.010640	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	VH	NT	-9.34	-0.011166	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-11.80	-0.014106	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-11.17	-0.013353	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-11.10	-0.013270	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-12.09	-0.014453	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-8.78	-0.010496	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-8.43	-0.010078	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-12.25	-0.014644	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-9.87	-0.011799	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-9.03	-0.010795	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-10.86	-0.012983	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-9.14	-0.010926	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-11.92	-0.014250	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-9.07	-0.010843	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-15.85	-0.018948	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-13.12	-0.015684	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-9.27	-0.011082	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-12.75	-0.015242	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-12.16	-0.014537	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-9.27	-0.011082	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-12.42	-0.014848	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-10.06	-0.012026	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-10.74	-0.012839	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-8.55	-0.010221	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-12.07	-0.014429	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-10.17	-0.012158	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-7.71	-0.009217	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-11.29	-0.013497	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-8.01	-0.009576	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-9.07	-0.010843	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-8.94	-0.010687	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-12.15	-0.014525	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-14.22	-0.016999	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-12.15	-0.014525	±2.5	PASS

Band5	10MHz	QPSK	20525	50RB#0	NV	10	-8.70	-0.010400	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-11.63	-0.013903	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	NV	-30	-10.53	-0.012588	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	NV	-20	-8.47	-0.010126	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	NV	0	-11.83	-0.014142	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	NV	10	-8.25	-0.009863	±2.5	PASS
Band5	10MHz	16QAM	20525	27RB#0	NV	20	-10.71	-0.012803	±2.5	PASS